

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115741.D
 Acq On : 24 Jul 2019 9:24
 Operator : HP/JU
 Sample : PB121641BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Manual Integrations
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mohammad
 7/25/2019 2:17:20 PM

Quant Time: Jul 24 16:44:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142028	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	568379	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	290656	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	564622	20.00	ng	0.00
76) Chrysene-d12	14.04	240	413994	20.00	ng	0.00
87) Perylene-d12	15.50	264	349226	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	714669	82.31	ng	0.00
7) Phenol-d6	6.50	99	914196	82.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	836110	85.54	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	270714	79.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1511091	91.00	ng	0.00
79) Terphenyl-d14	12.98	244	1698848	75.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	167973	38.782	ng	100
3) Pyridine	3.50	79	410069	34.896	ng	98
4) n-Nitrosodimethylamine	3.45	42	176812	41.476	ng	98
6) Aniline	6.53	93	443957	28.955	ng	98
8) 2-Chlorophenol	6.66	128	408804	40.950	ng	99
9) Benzaldehyde	6.42	77	162776	23.642	ng	97
10) Phenol	6.52	94	529012	41.361	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	385229	39.561	ng	98
12) 1,3-Dichlorobenzene	6.82	146	433429	38.616	ng	99
13) 1,4-Dichlorobenzene	6.89	146	438031	39.114	ng	98
14) 1,2-Dichlorobenzene	7.05	146	405580	39.618	ng	99
15) Benzyl Alcohol	7.02	79	351940	40.267	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	513296	40.039	ng	99
17) 2-Methylphenol	7.13	107	355952	41.374	ng	99
18) Hexachloroethane	7.39	117	159348	38.336	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	278308	38.731	ng	98
20) 3+4-Methylphenols	7.28	107	417881	40.893	ng	92
22) Acetophenone	7.28	105	551129	42.921	ng	96
24) Nitrobenzene	7.45	77	445832	42.287	ng	98
25) Isophorone	7.69	82	810011	41.412	ng	99
26) 2-Nitrophenol	7.77	139	225270	41.511	ng	94
27) 2,4-Dimethylphenol	7.80	122	370768	45.663	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	490073	40.841	ng	99
29) 2,4-Dichlorophenol	8.02	162	359219	42.539	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	380137	39.824	ng	99
31) Naphthalene	8.17	128	1173233	42.622	ng	100
32) Benzoic acid	7.94	122	249858	37.496	ng	98
33) 4-Chloroaniline	8.22	127	336986	27.638	ng	97
34) Hexachlorobutadiene	8.30	225	211919	38.715	ng	98
35) Caprolactam	8.59	113	110969m	42.526	ng	
36) 4-Chloro-3-methylphenol	8.71	107	367832	41.993	ng	97
37) 2-Methylnaphthalene	8.87	142	796549	43.655	ng	99
38) 1-Methylnaphthalene	8.97	142	741054	42.758	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	359963	41.126	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	310230	62.135	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	249956	39.051	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	265148	40.449	nq	97
46) 1,1'-Biphenyl	9.33	154	969748	42.677	nq	99
47) 2-Chloronaphthalene	9.36	162	768899	40.638	nq	99
48) 2-Nitroaniline	9.45	65	239028	40.816	nq	96
49) Acenaphthylene	9.77	152	1170172	41.739	nq	100
50) Dimethylphthalate	9.63	163	886766	40.551	nq	99
51) 2,6-Dinitrotoluene	9.69	165	199794	40.203	nq	89
52) Acenaphthene	9.95	154	711817	39.326	nq	99
53) 3-Nitroaniline	9.86	138	164524	28.970	nq	93
54) 2,4-Dinitrophenol	9.97	184	196590	77.048	nq	99
55) Dibenzofuran	10.12	168	1061217	41.285	nq	98
56) 4-Nitrophenol	10.03	139	319102	73.685	nq	94
57) 2,4-Dinitrotoluene	10.10	165	267794	41.593	nq	90
58) Fluorene	10.46	166	787506	42.856	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	222189	40.548	nq	98
60) Diethylphthalate	10.33	149	856835	41.818	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	405306	39.773	nq	96
62) 4-Nitroaniline	10.47	138	216889	39.814	nq	97
63) Azobenzene	10.61	77	880312	44.295	nq	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	132845	38.510	nq	91
66) n-Nitrosodiphenylamine	10.57	169	712981	40.595	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	251047	38.908	nq	98
68) Hexachlorobenzene	11.02	284	284248	38.576	nq	96
69) Atrazine	11.09	200	233289	40.489	nq	96
70) Pentachlorophenol	11.20	266	314720	69.833	nq	99
71) Phenanthrene	11.42	178	1200162	41.468	nq	99
72) Anthracene	11.47	178	1228064	41.058	nq	99
73) Carbazole	11.63	167	1103143	42.058	nq	99
74) Di-n-butylphthalate	11.95	149	1348945	41.752	nq	99
75) Fluoranthene	12.61	202	1285214	42.022	nq	97
77) Benzidine	12.72	184	432864	29.515	nq	99
78) Pyrene	12.84	202	1292265	36.843	nq	99
80) Butylbenzylphthalate	13.45	149	595200	39.806	nq	95
81) Benzo(a)anthracene	14.03	228	1111993	40.771	nq	98
82) 3,3'-Dichlorobenzidine	13.98	252	354738	36.587	nq	99
83) Chrysene	14.06	228	1078970	39.408	nq	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	832274	44.936	nq	99
85) Di-n-octyl phthalate	14.62	149	1369932	46.487	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	913498	39.272	nq	99
88) Benzo(b)fluoranthene	15.07	252	1066492	47.426	nq	99
89) Benzo(k)fluoranthene	15.11	252	938901	46.831	nq	98
90) Benzo(a)pyrene	15.44	252	923599	47.787	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	767469	45.231	nq	99
92) Benzo(g,h,i)perylene	17.43	276	731603	43.233	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

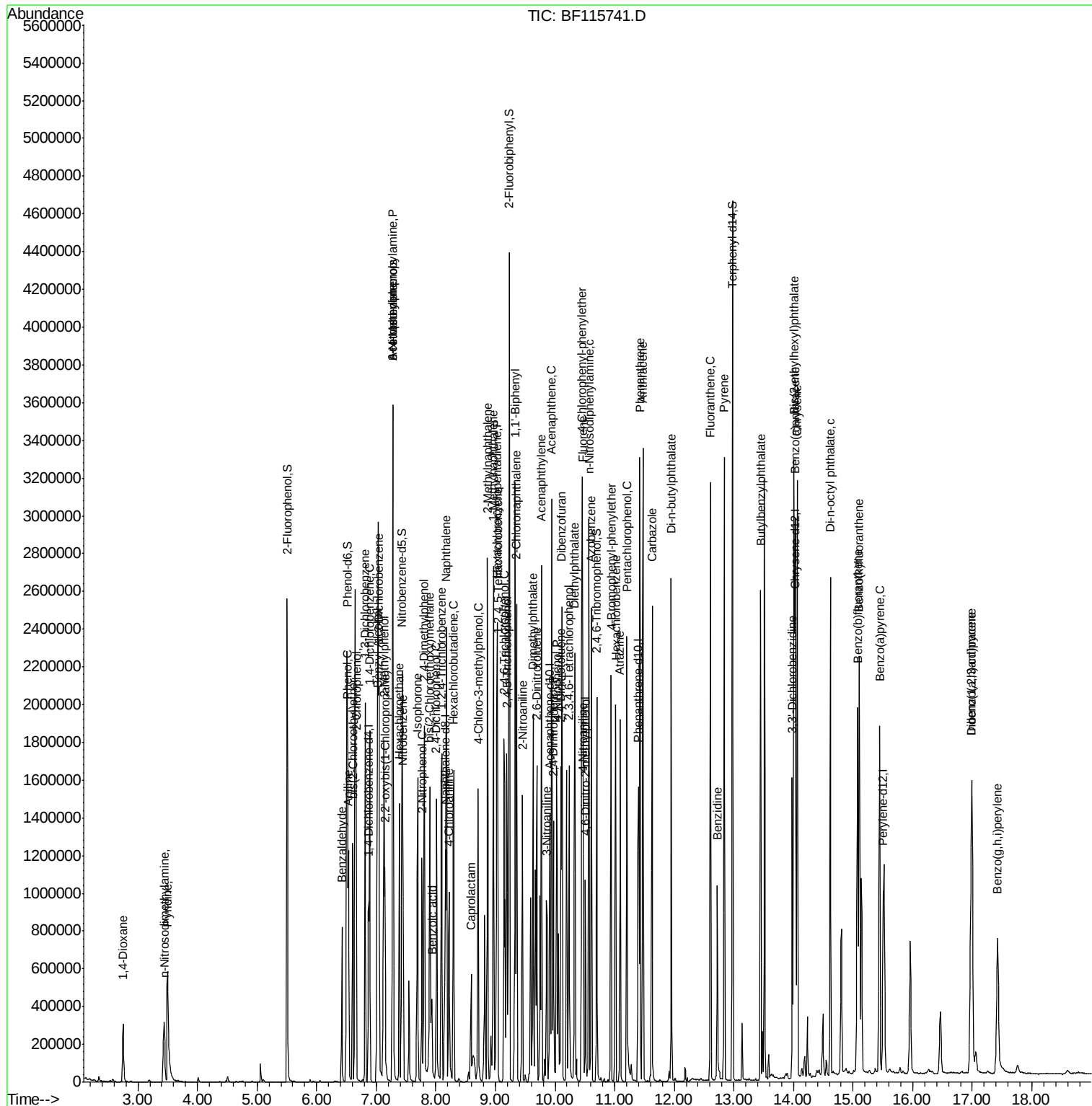
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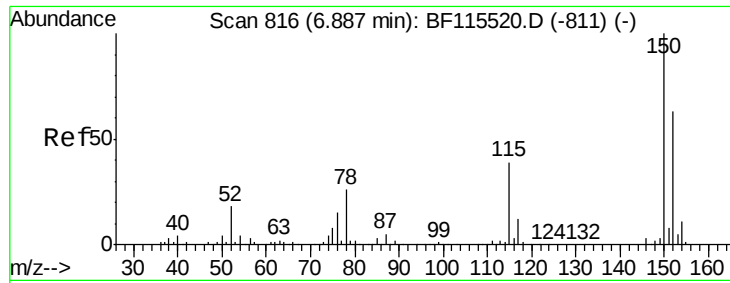
Instrument :
BNA_F
ClientSampled :
PB121641BS

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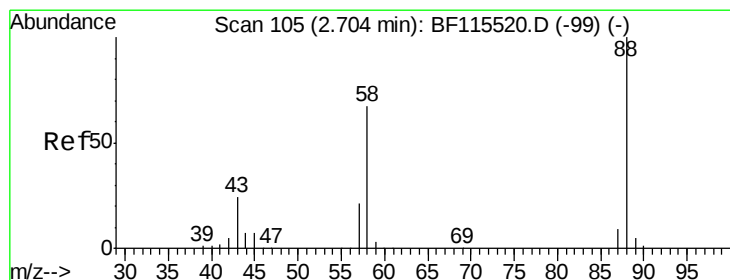
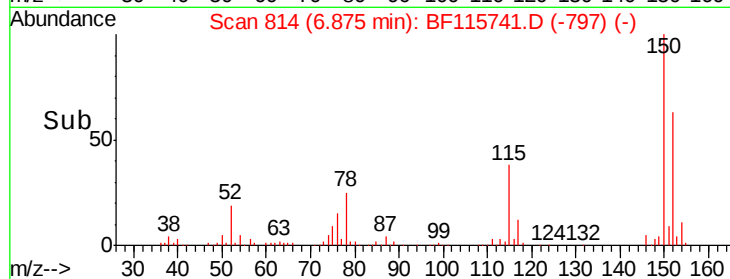
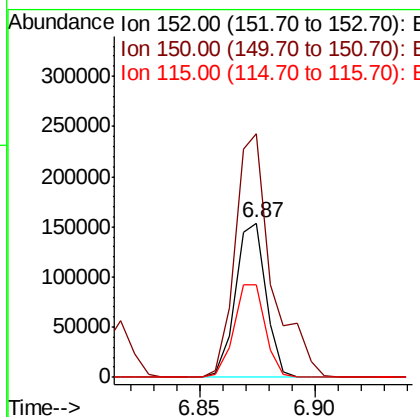
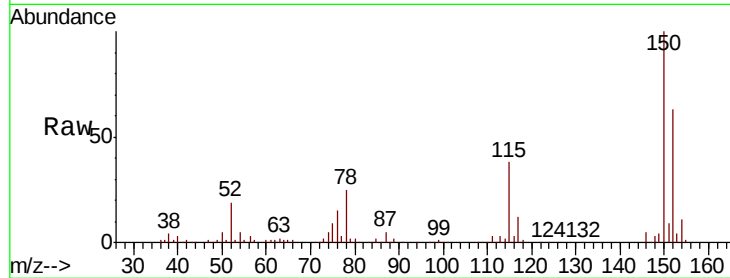
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.8	184.2
115	60.1	48.2	72.2

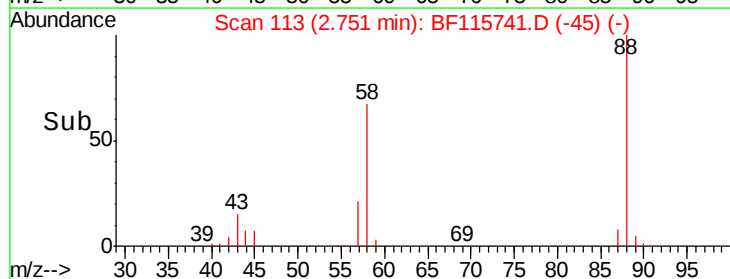
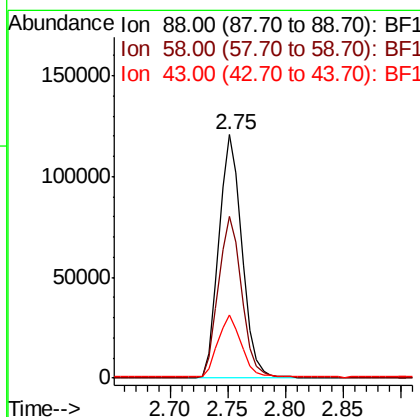
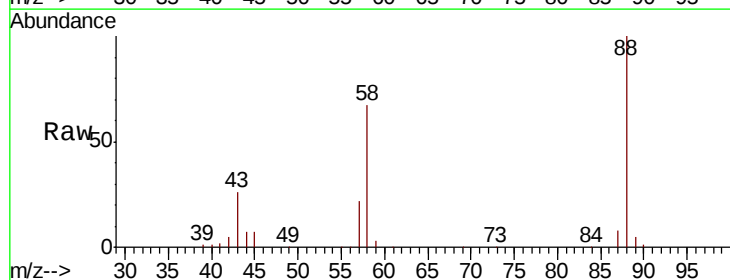
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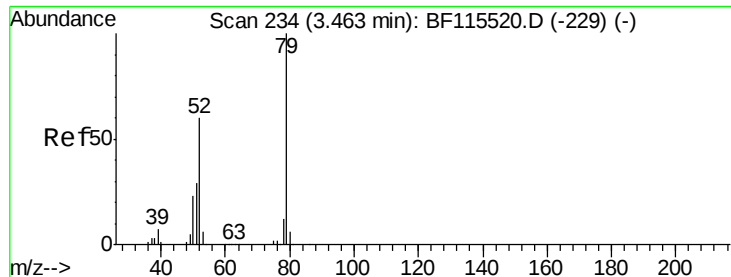
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#2
 1,4-Dioxane
 Concen: 38.782 ng
 RT: 2.75 min Scan# 113
 Delta R.T. 0.10 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	53.8	80.6
43	25.8	20.5	30.7





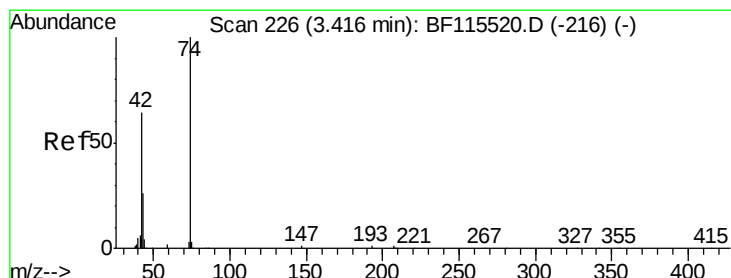
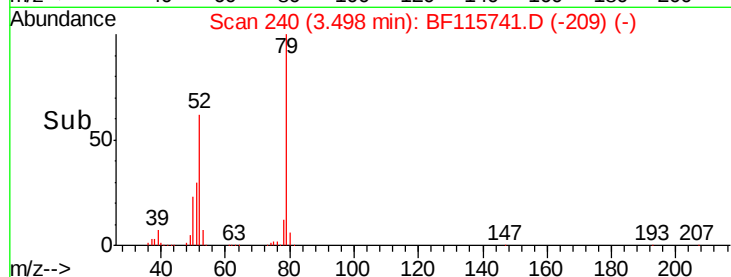
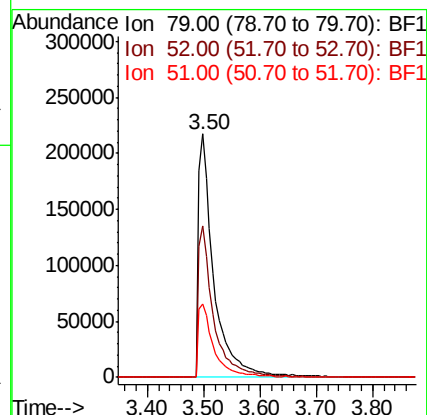
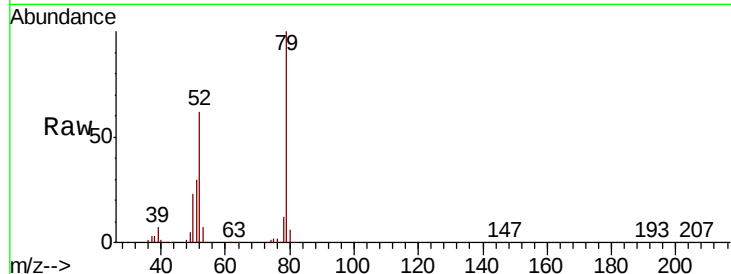
#3
 Pvridine
 Concen: 34.896 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.08 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.0	47.9	71.9
51	30.1	24.4	36.6

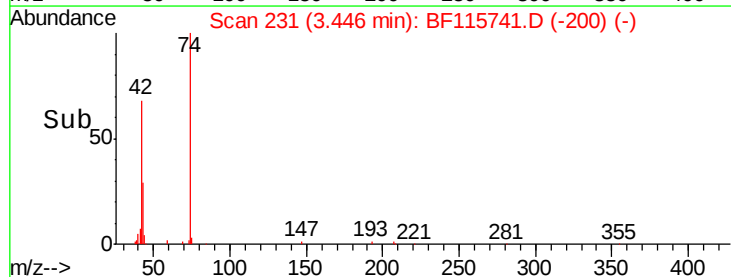
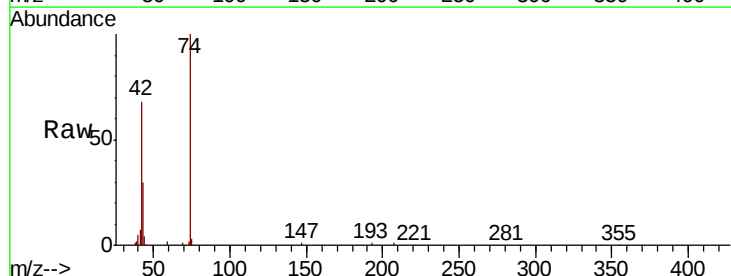
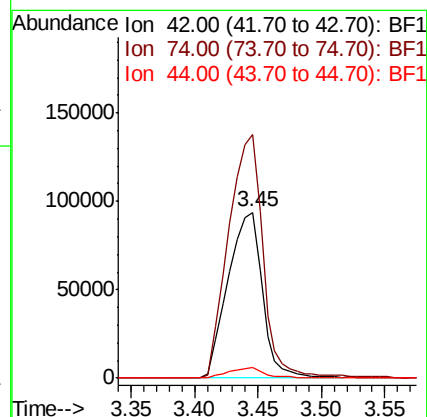
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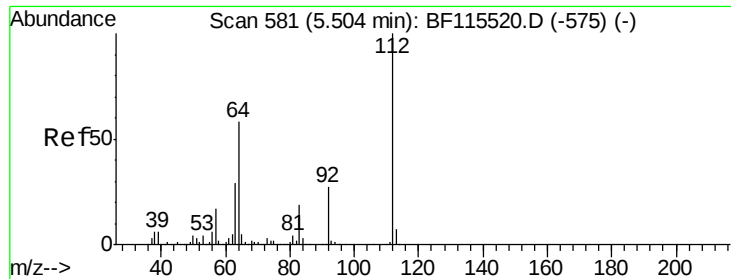
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#4
 n-Nitrosodimethylamine
 Concen: 41.476 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.08 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.7	115.5	173.3
44	6.5	5.0	7.4





#5

2-Fluorophenol

Concen: 82.307 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

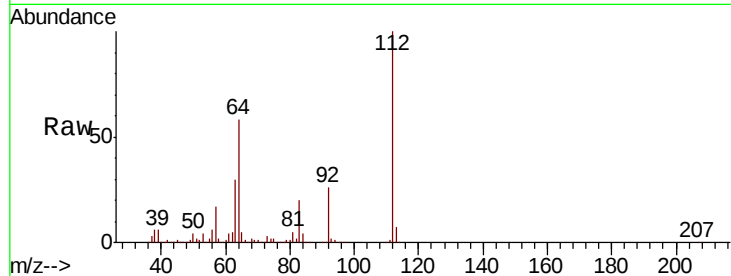
ClientSampleID :

PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	714669		
64	58.4	43.8	65.8	
63	29.8	22.5	33.7	

Manual Integrations
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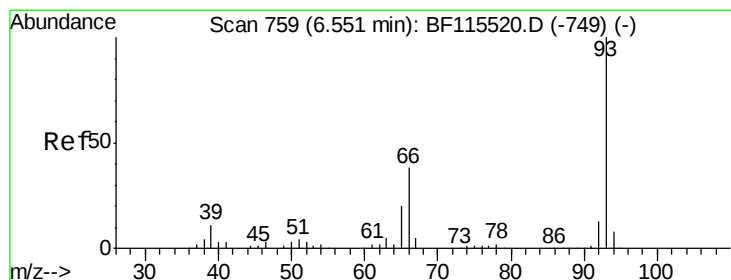
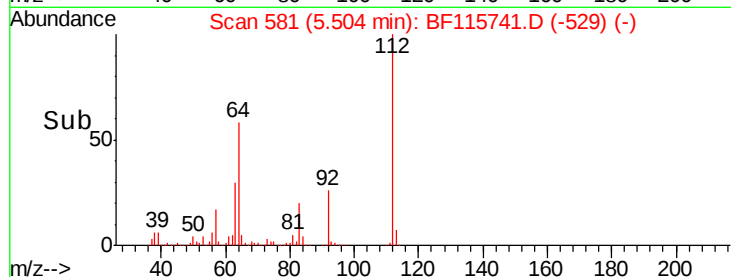
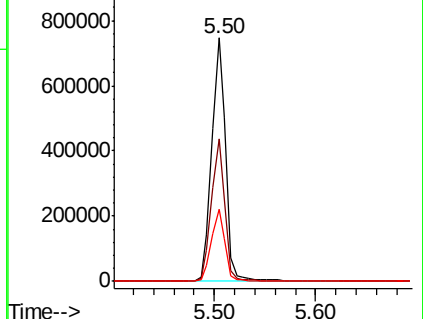
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Abundance Ion 112.00 (111.70 to 112.70): BF115520.D (-575) (-)

Ion 64.00 (63.70 to 64.70): BF115520.D (-575) (-)

Ion 63.00 (62.70 to 63.70): BF115520.D (-575) (-)



#6

Aniline

Concen: 28.955 ng

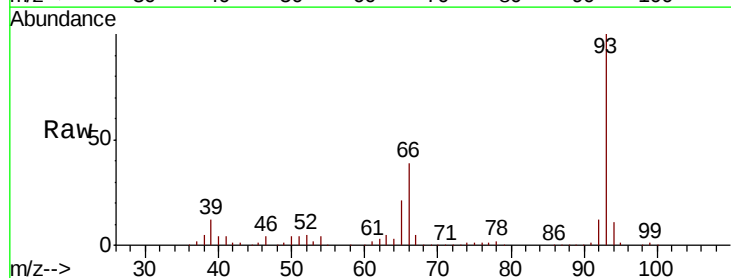
RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

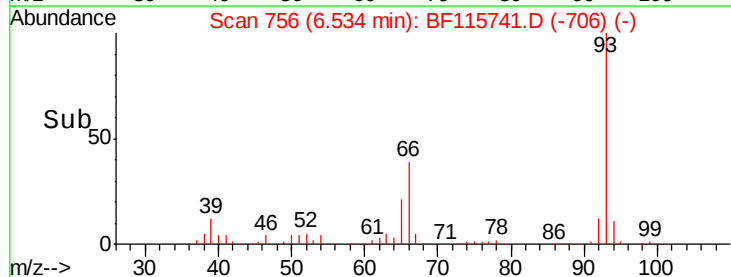
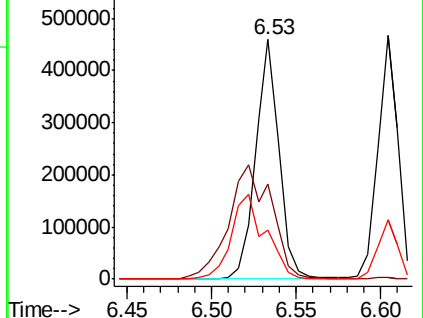
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	443957		
66	39.5	30.9	46.3	
65	20.6	15.8	23.8	

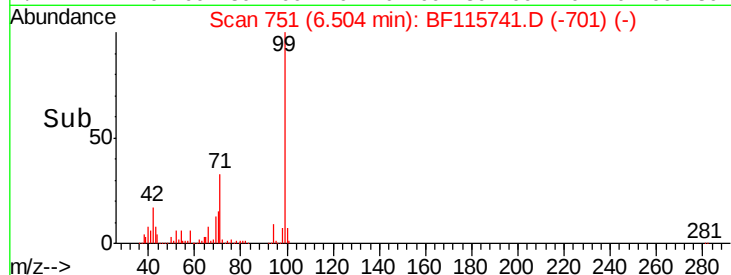
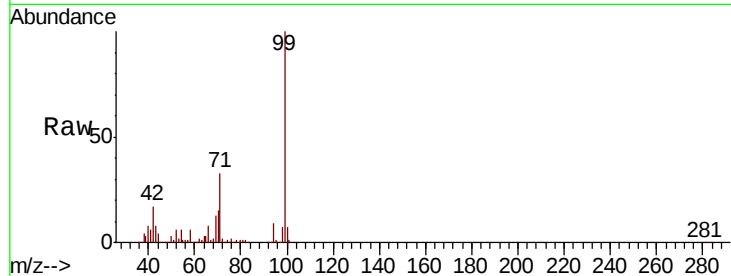
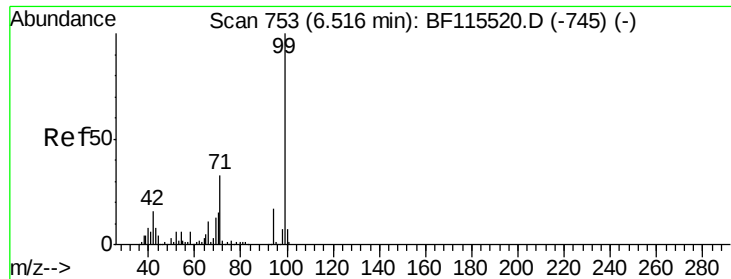


Abundance Ion 93.00 (92.70 to 93.70): BF115520.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BF115520.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BF115520.D (-749) (-)





#7

Phenol-d6

Concen: 82.975 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tot Ion:	99	Resp:	914196
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.0	19.4
71	33.0	25.9	38.9

Instrument :

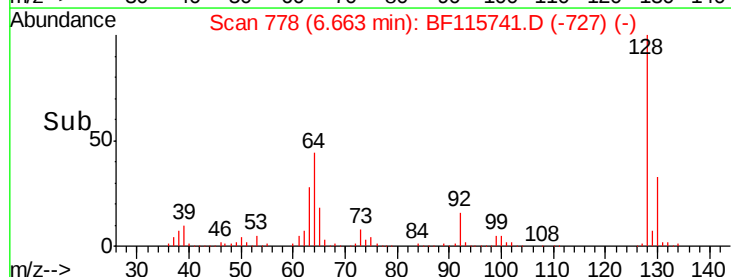
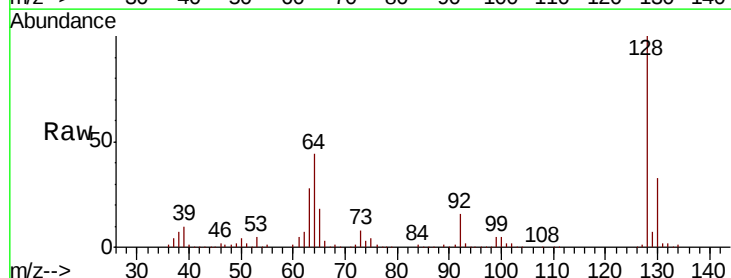
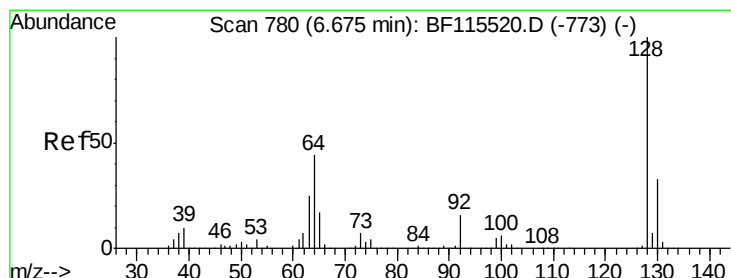
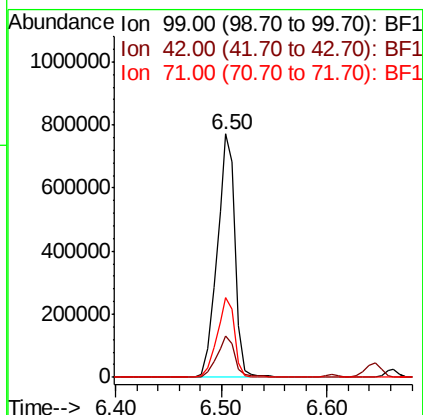
BNA_F

ClientSampled :

PB121641BS

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#8

2-Chlorophenol

Concen: 40.950 ng

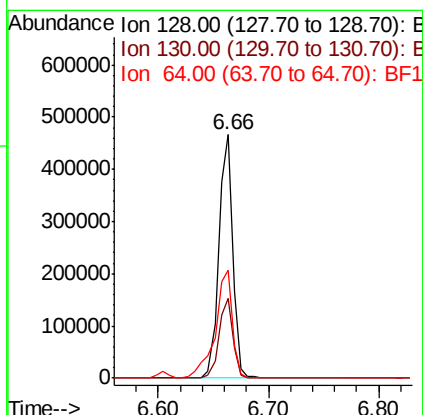
RT: 6.66 min Scan# 778

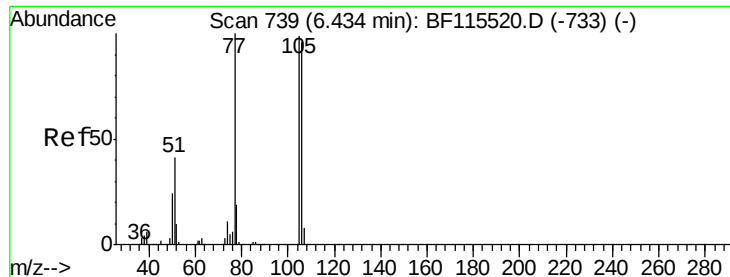
Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	128	Resp:	408804
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.3	52.3
64	44.2	24.4	64.4





#9

Benzaldehyde

Concen: 23.642 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

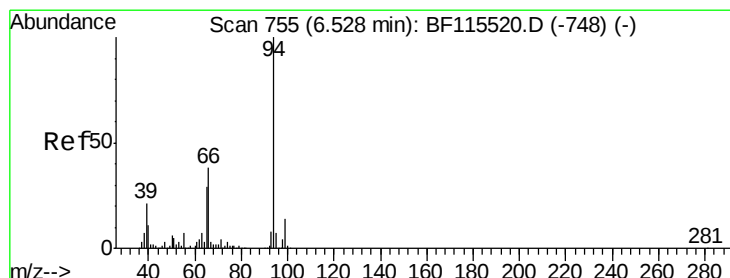
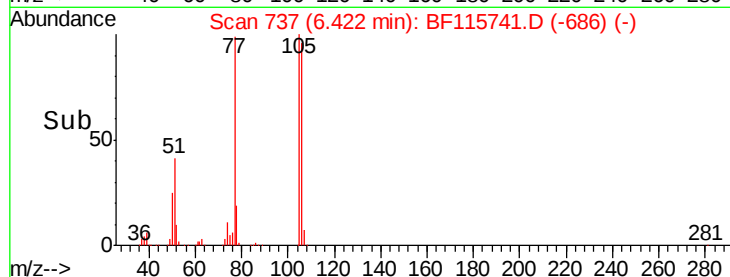
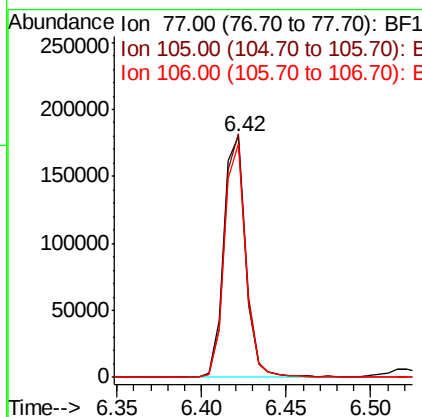
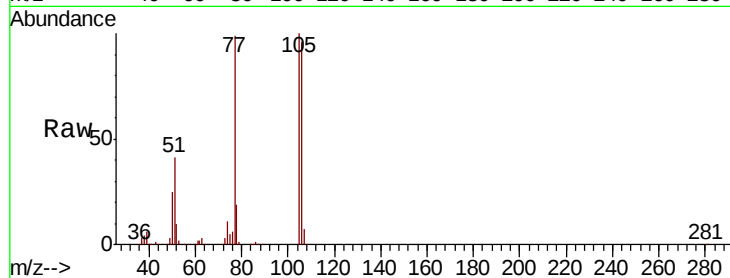
ClientSampled :

PB121641BS

Tot Ion:	77	Resp:	162776
Ion	Ratio	Lower	Upper
77	100		
105	101.2	77.6	117.6
106	97.0	73.9	113.9

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#10

Phenol

Concen: 41.361 ng

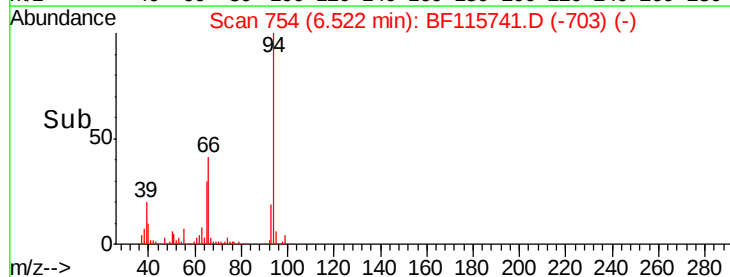
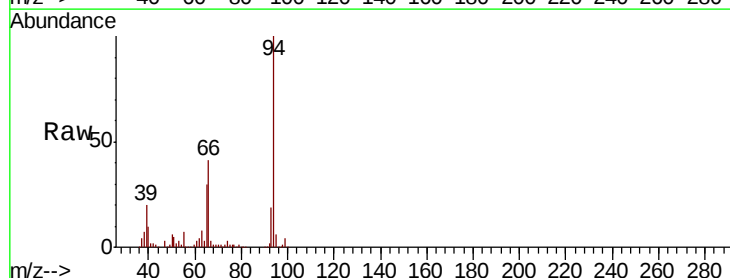
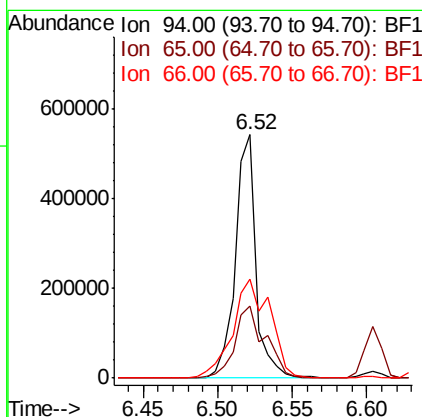
RT: 6.52 min Scan# 754

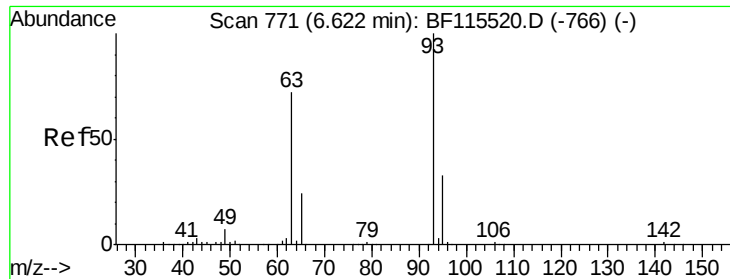
Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	94	Resp:	529012
Ion	Ratio	Lower	Upper
94	100		
65	29.8	10.2	50.2
66	40.5	21.7	61.7





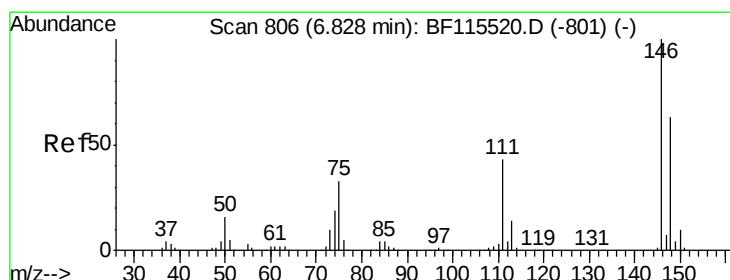
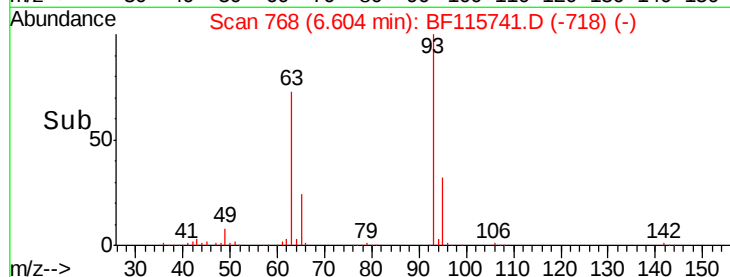
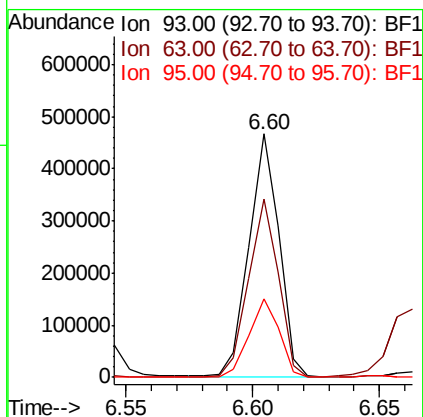
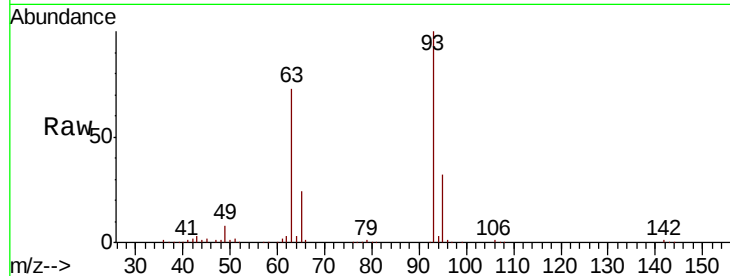
#11
bis(2-Chloroethyl)ether
Concen: 39.561 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	385229		
63	73.5		51.5	91.5
95	32.2		13.0	53.0

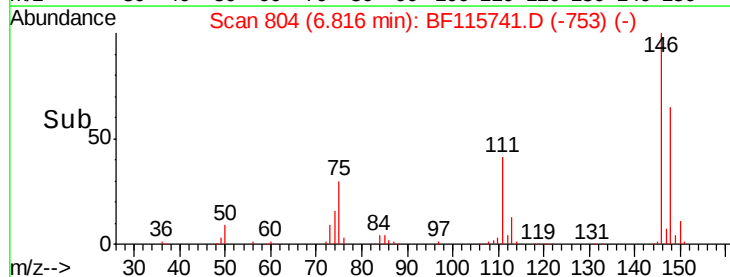
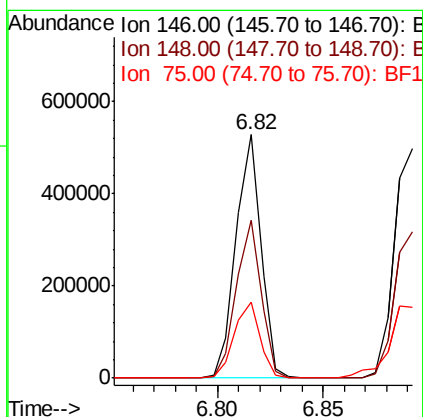
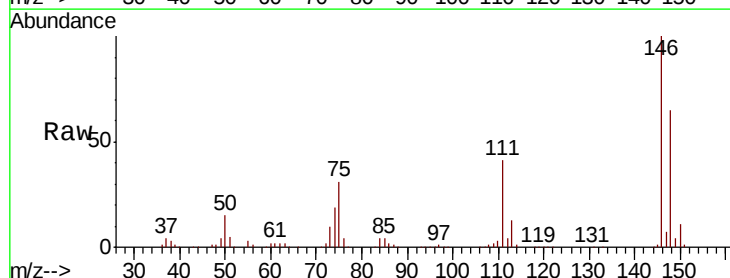
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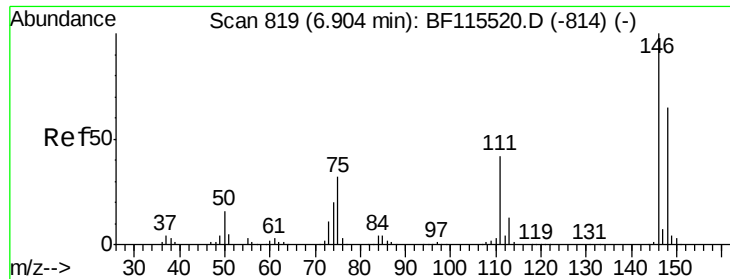
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.616 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	433429		
148	64.6		51.4	77.0
75	31.1		26.4	39.6





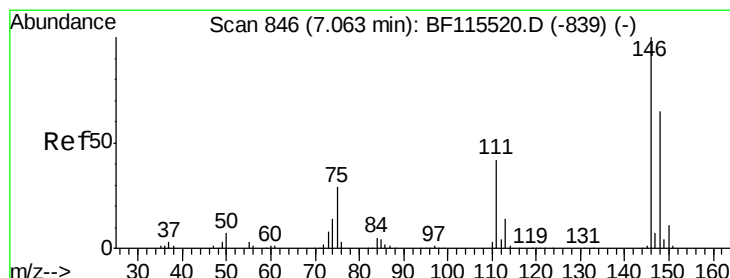
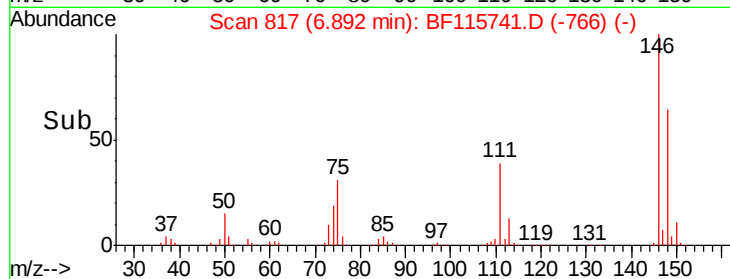
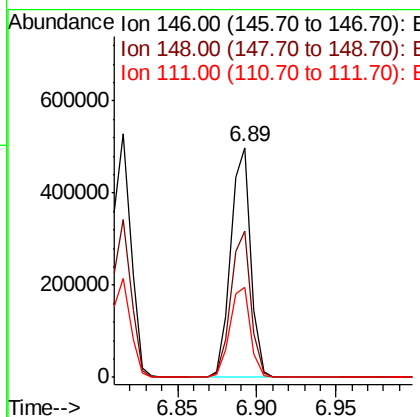
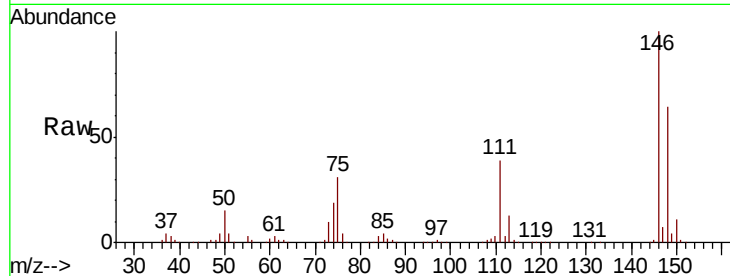
#13
 1,4-Dichlorobenzene
 Concen: 39.114 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	39.3	32.9	49.3

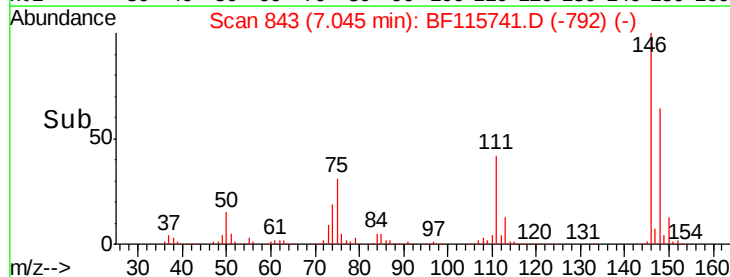
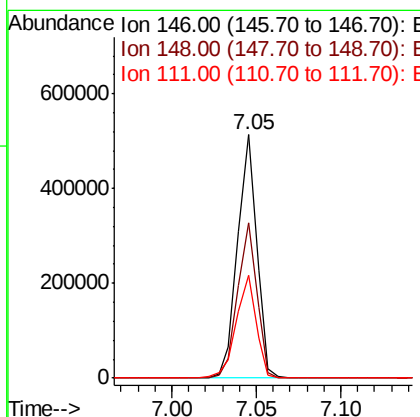
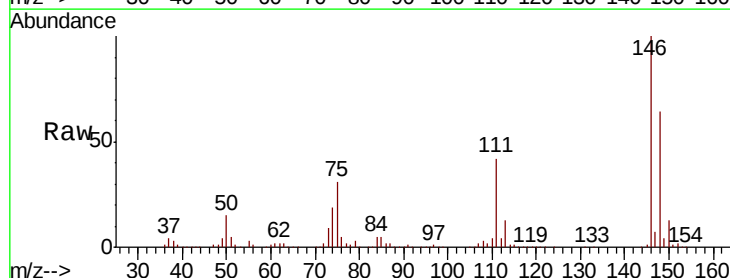
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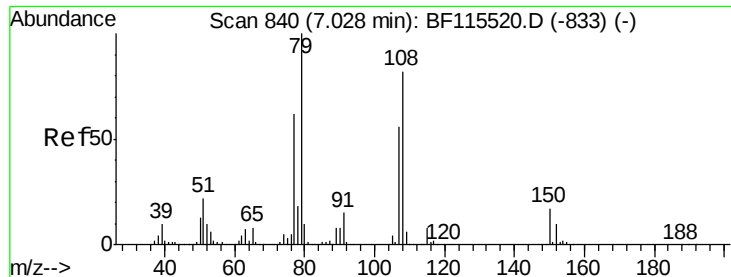
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.618 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.0
111	42.5	35.4	53.0





#15

Benzyl Alcohol

Concen: 40.267 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

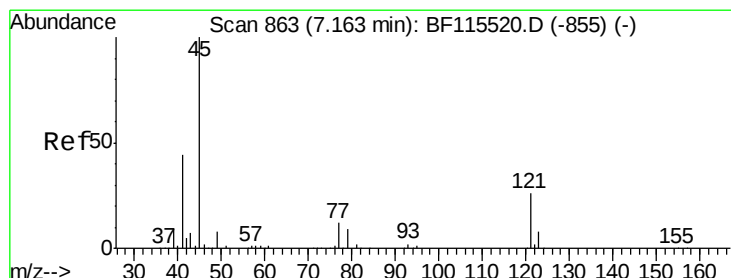
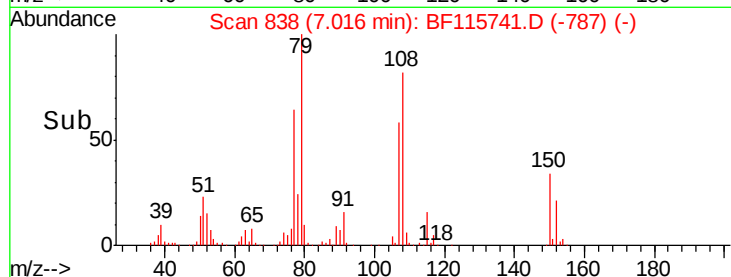
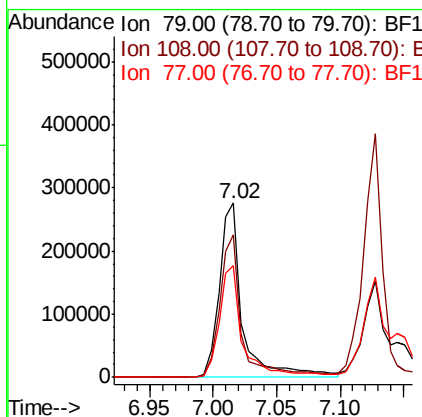
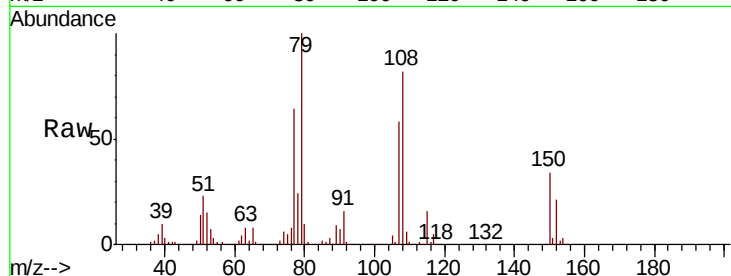
ClientSampled :

PB121641BS

Tot Ion:	79	Resp:	351940
Ion Ratio	Lower	Upper	
79	100		
108	81.9	65.5	98.3
77	63.9	51.8	77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.039 ng

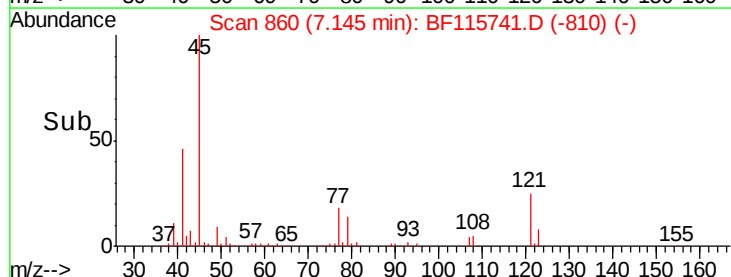
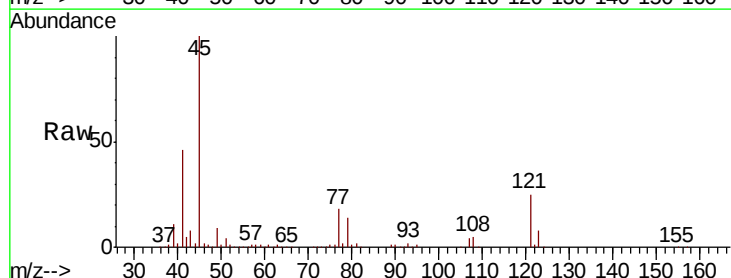
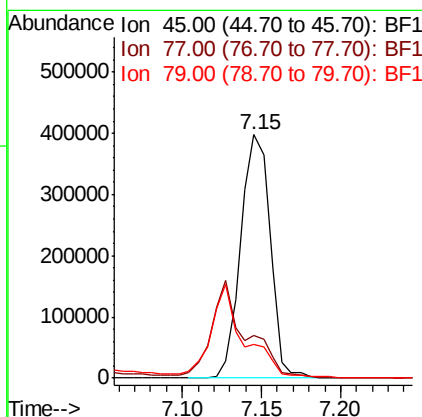
RT: 7.15 min Scan# 860

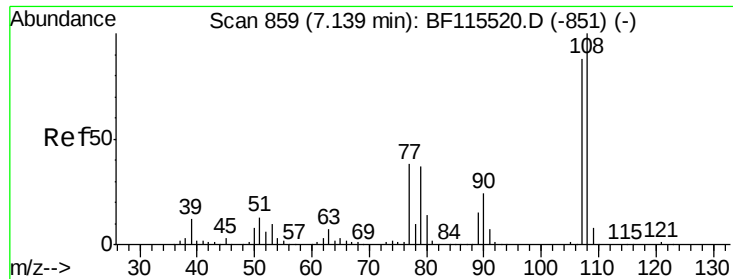
Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	45	Resp:	513296
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	37.1
79	13.8	0.0	33.1





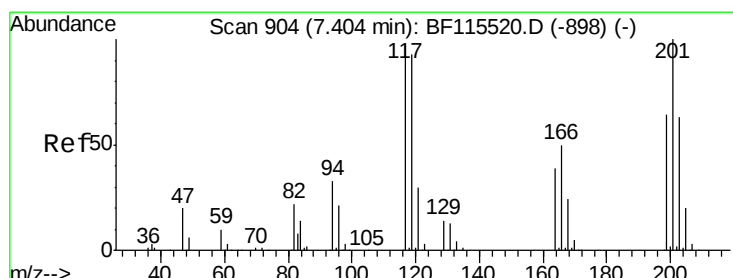
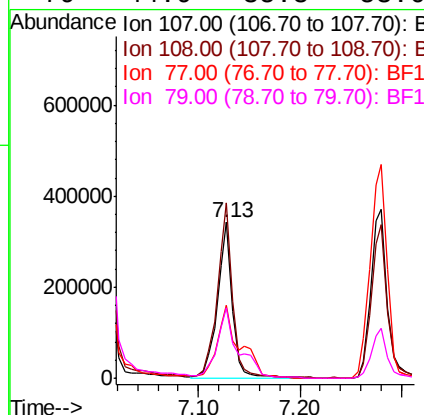
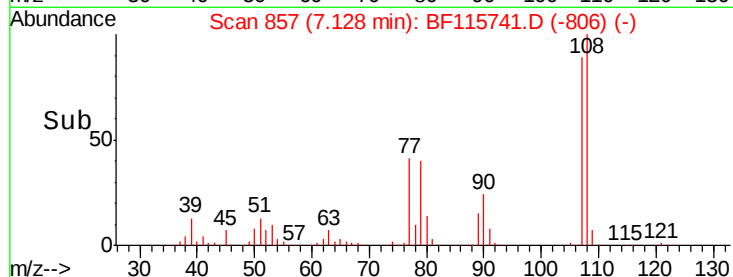
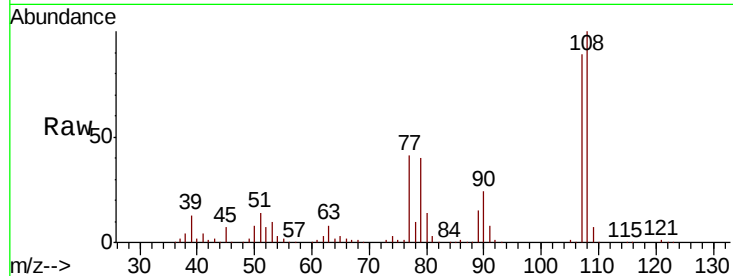
#17
2-Methylphenol
Concen: 41.374 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.4	137.0	
77	46.6	36.8	55.2	
79	44.9	35.8	53.6	

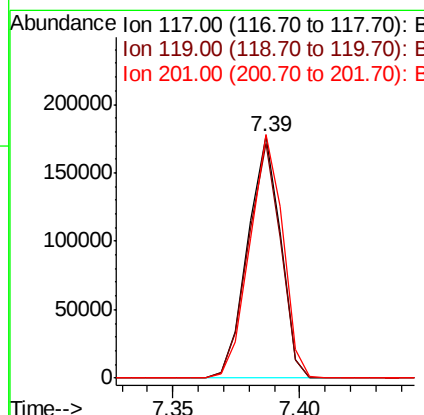
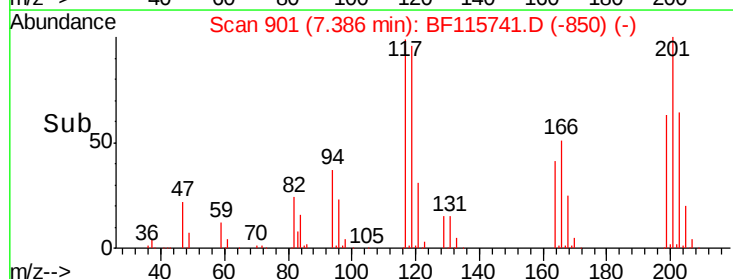
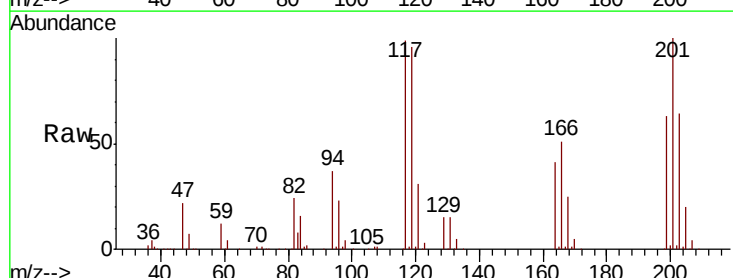
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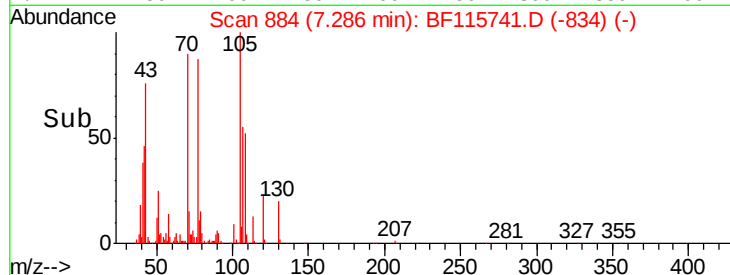
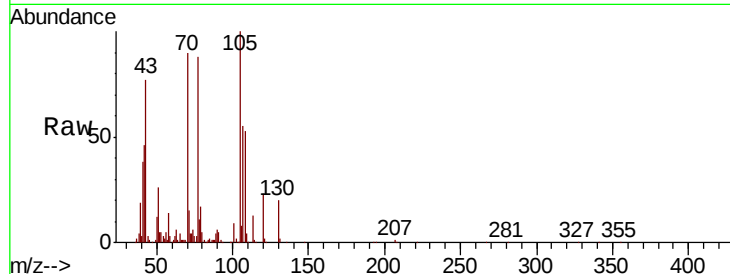
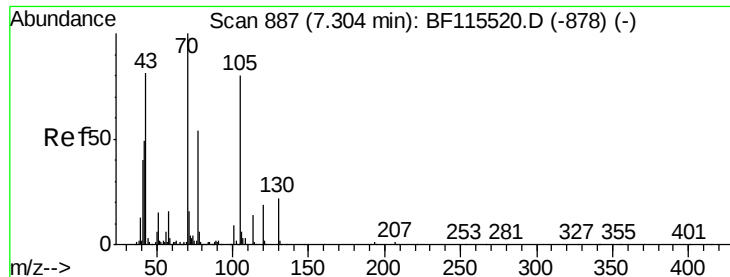
mohammad
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#18
Hexachloroethane
Concen: 38.336 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.1	114.1	
201	100.5	73.7	110.5	





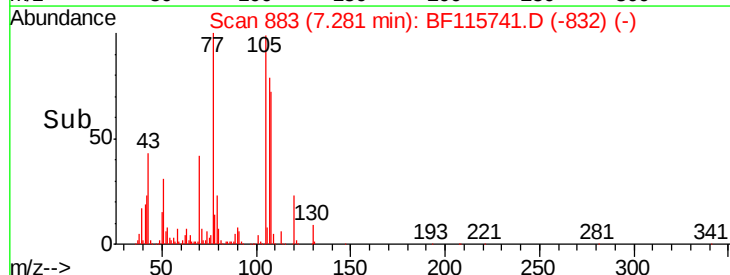
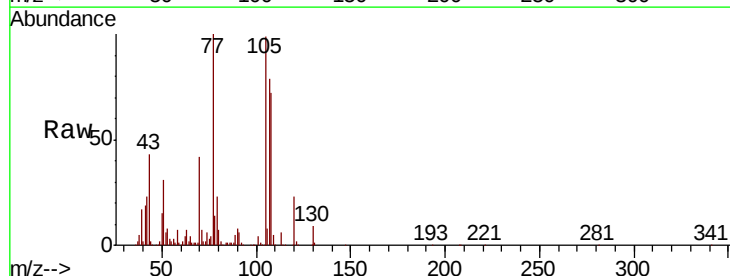
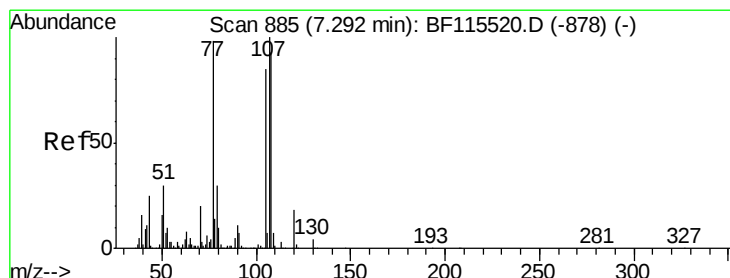
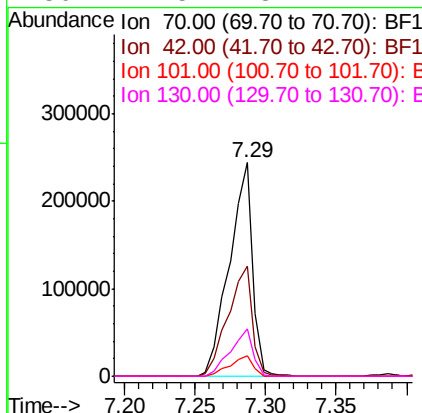
#19
n-Nitroso-di-n-propylamine
Concen: 38.731 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	40.3	60.5	
101	9.5	7.9	11.9	
130	22.5	18.2	27.4	

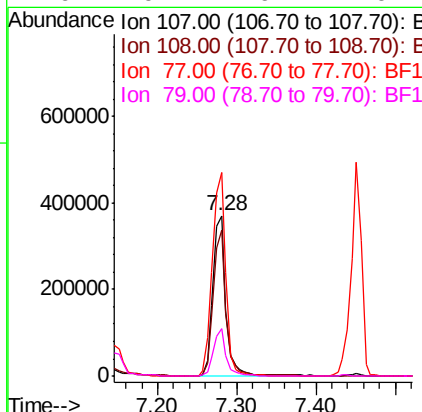
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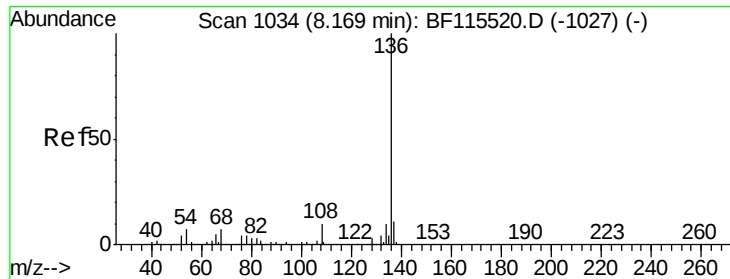
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#20
3+4-Methylphenols
Concen: 40.893 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.4	69.3	109.3	
77	126.8	90.4	130.4	
79	29.7	9.1	49.1	





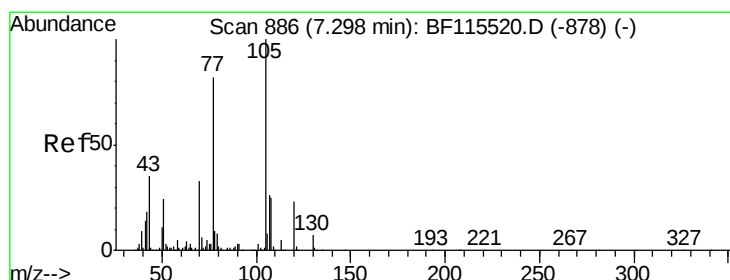
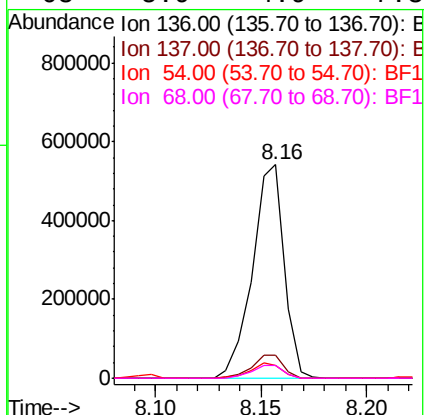
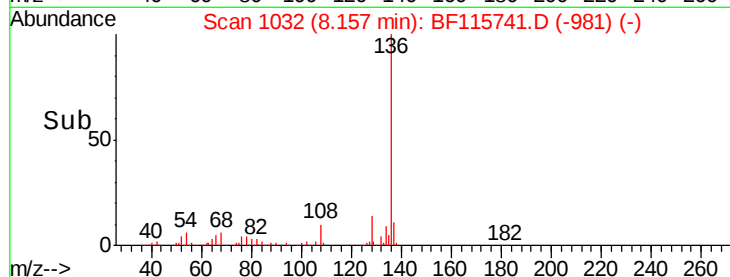
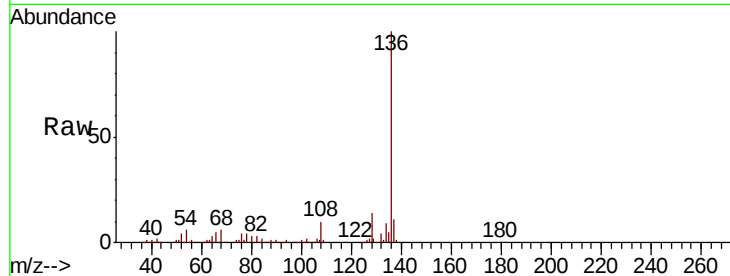
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0		9.0	13.4	
54	6.3		5.4	8.0	
68	5.9		4.9	7.3	

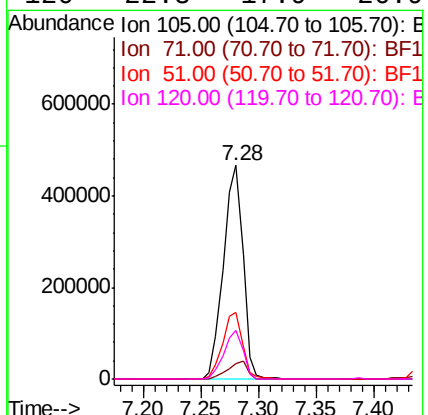
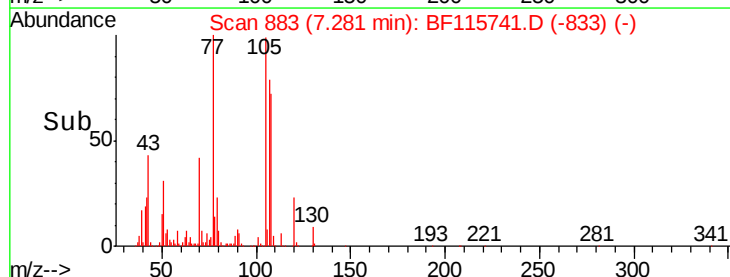
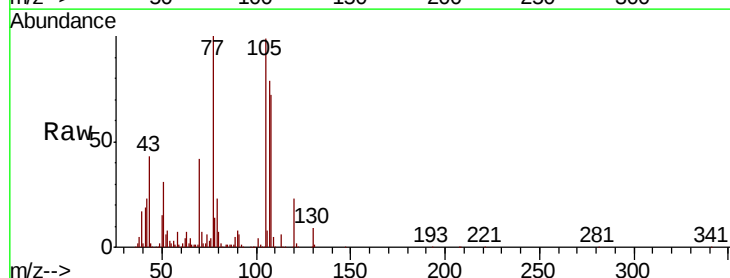
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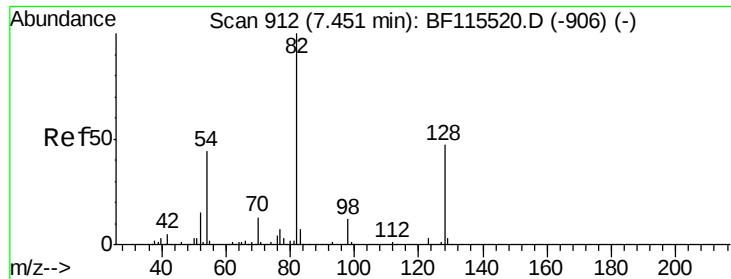
mohammad
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#22
Acetophenone
Concen: 42.921 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.3		6.3	9.5	
51	31.1		21.8	32.6	
120	22.8		17.9	26.9	





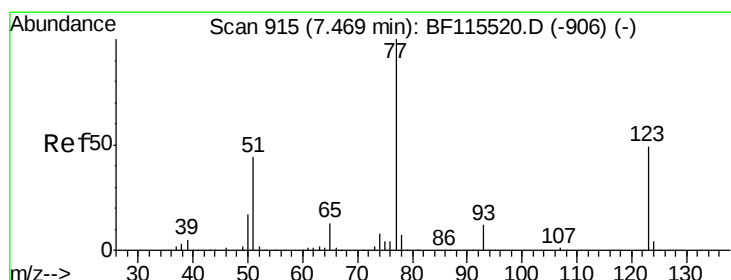
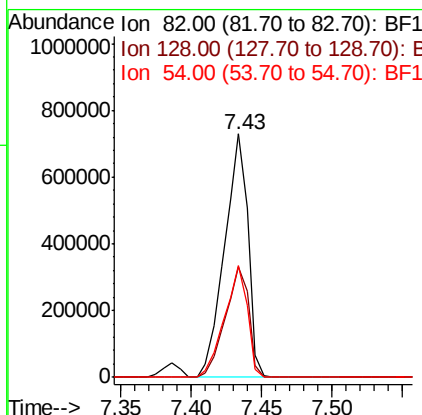
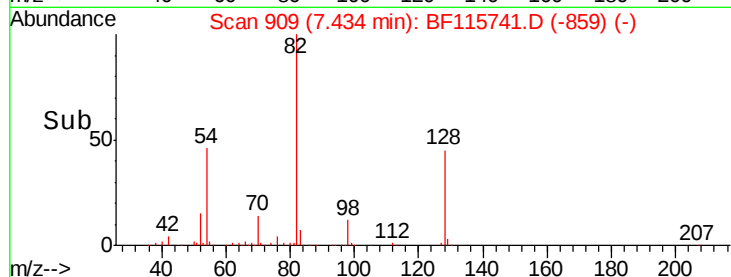
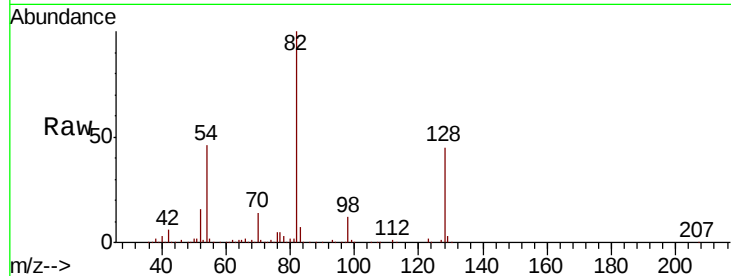
#23
 Nitrobenzene-d5
 Concen: 85.536 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	38.0	57.0	
54	45.7	35.6	53.4	

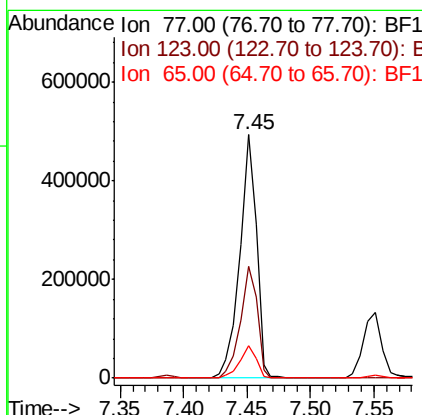
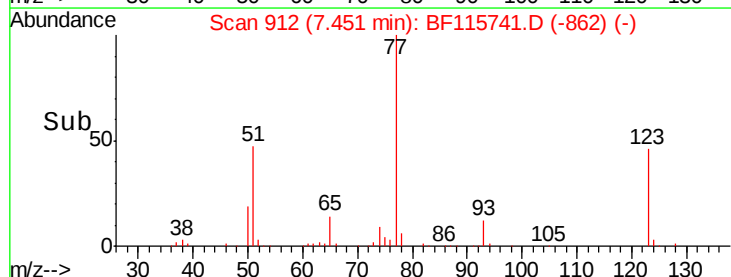
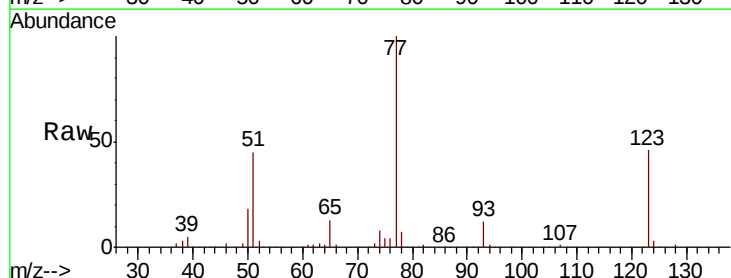
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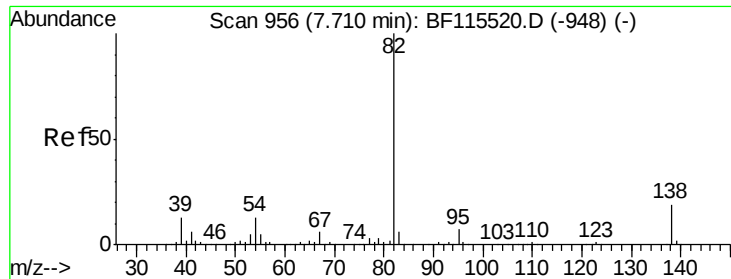
mohammad
 7/25/2019 2:17:20 PM



#24
 Nitrobenzene
 Concen: 42.287 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.8	37.9	56.9	
65	13.3	10.6	15.8	





#25

Isophorone

Concen: 41.412 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

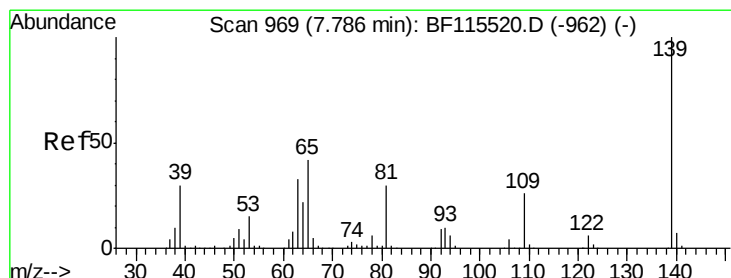
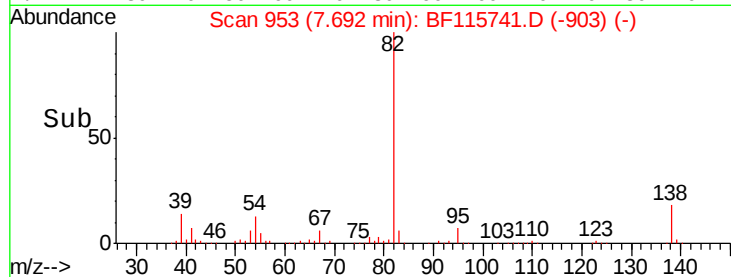
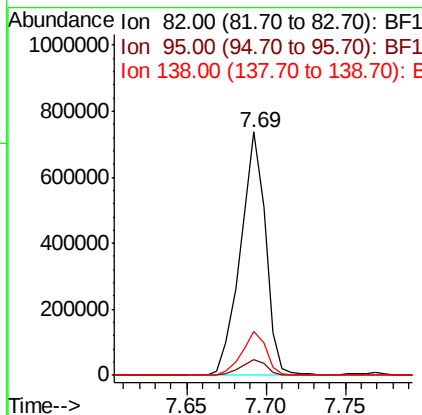
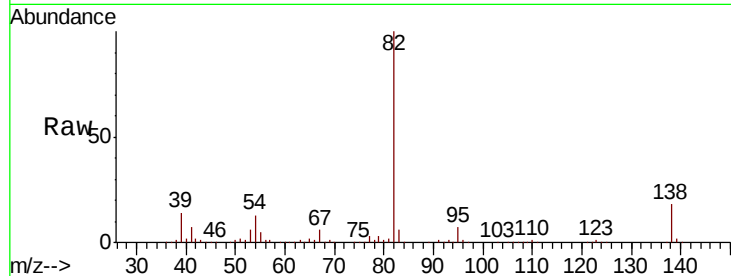
ClientSampleId :

PB121641BS

Tot Ion:	82	Resp:	810011
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	17.9	14.8	22.2

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#26

2-Nitrophenol

Concen: 41.511 ng

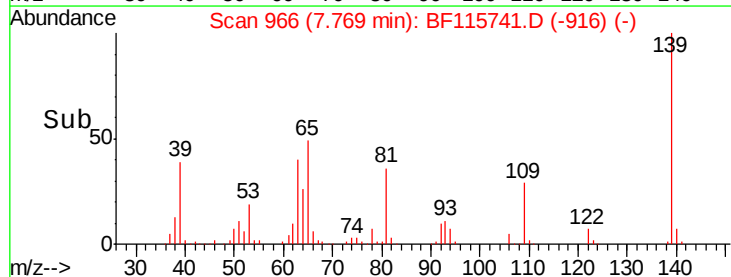
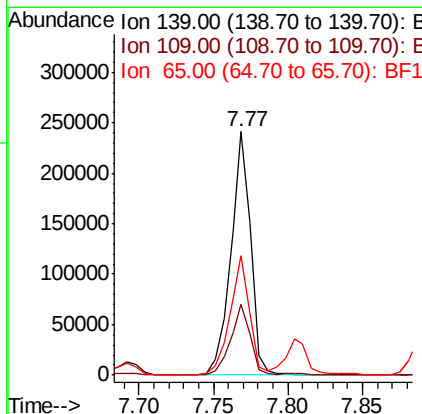
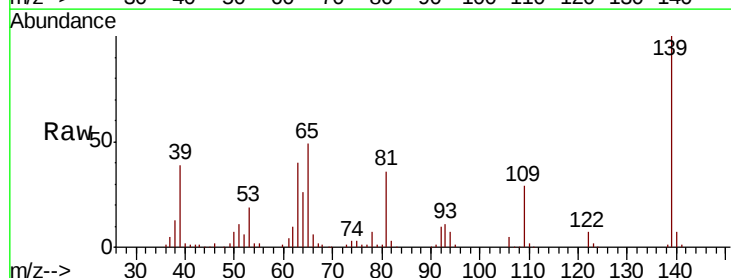
RT: 7.77 min Scan# 966

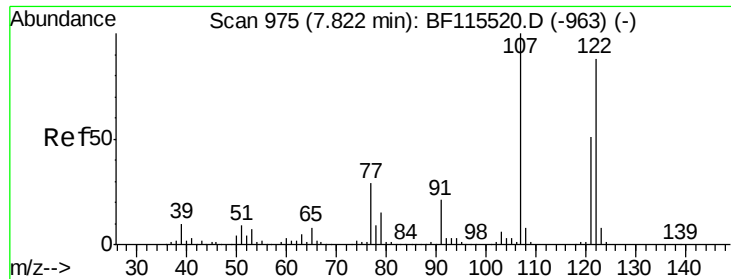
Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	139	Resp:	225270
Ion Ratio	Lower	Upper	
139	100		
109	28.9	21.4	32.0
65	49.2	35.7	53.5





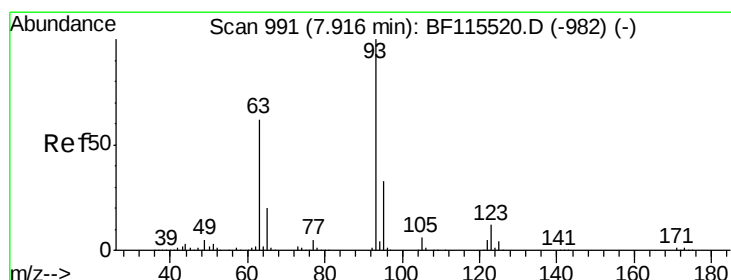
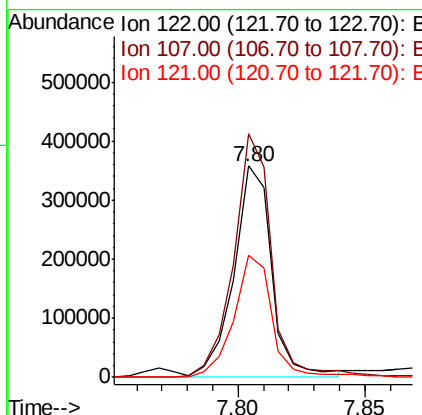
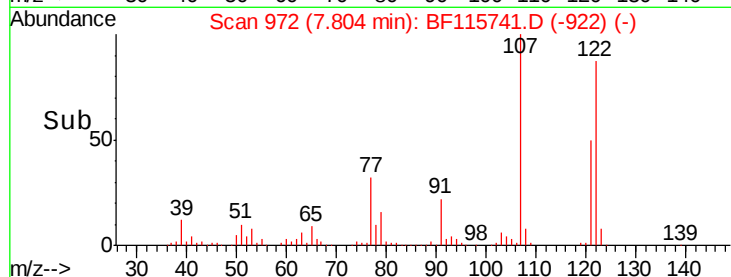
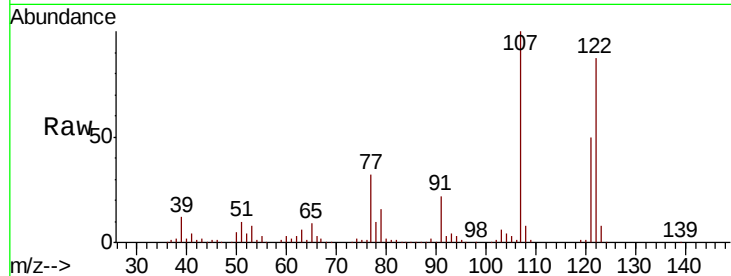
#27
2,4-Dimethylphenol
Concen: 45.663 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	370768		
107	115.4	90.2	135.4	
121	57.8	46.4	69.6	

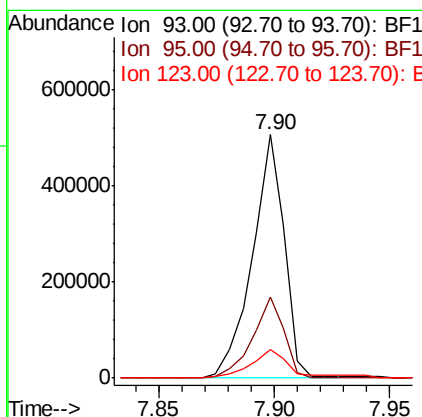
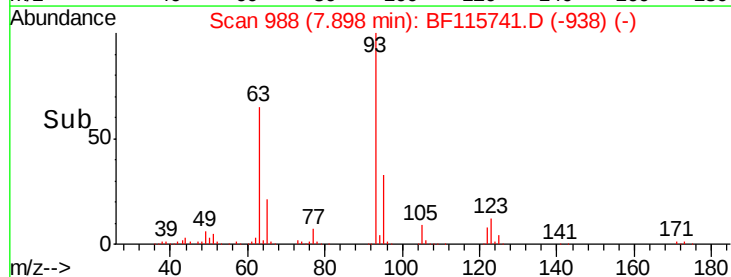
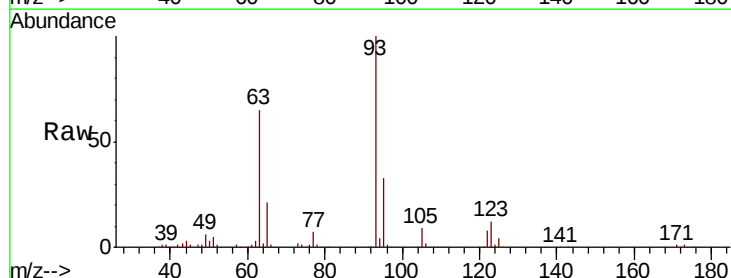
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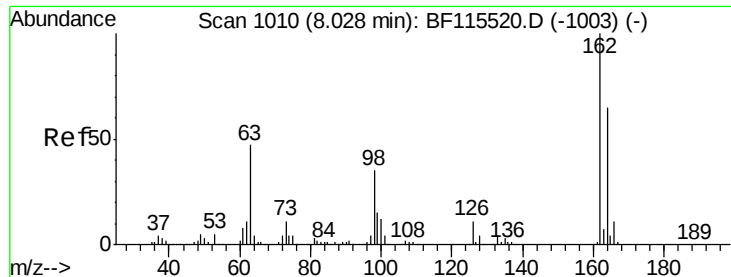
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#28
bis(2-Chloroethoxy)methane
Concen: 40.841 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	490073		
95	33.0	26.6	39.8	
123	11.9	10.2	15.2	





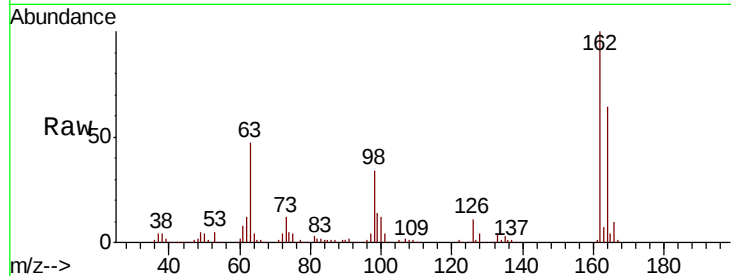
#29
2,4-Dichlorophenol
Concen: 42.539 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	359219		
164	64.0	43.9	83.9	
98	33.5	15.3	55.3	

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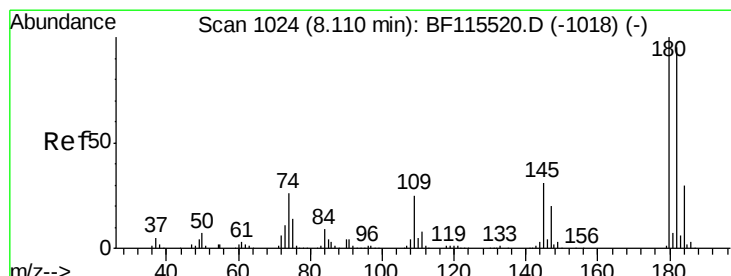
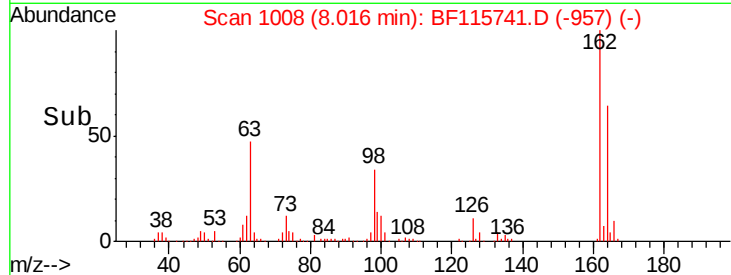
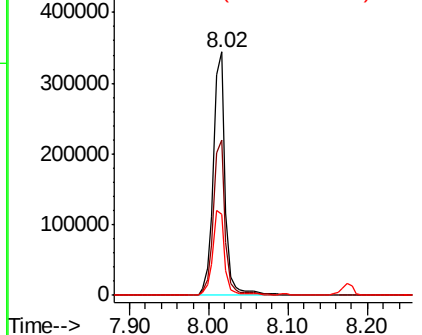


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.824 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

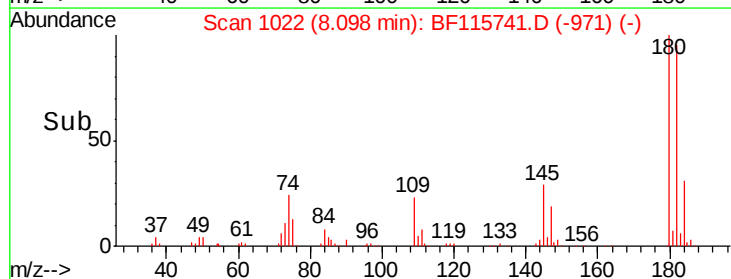
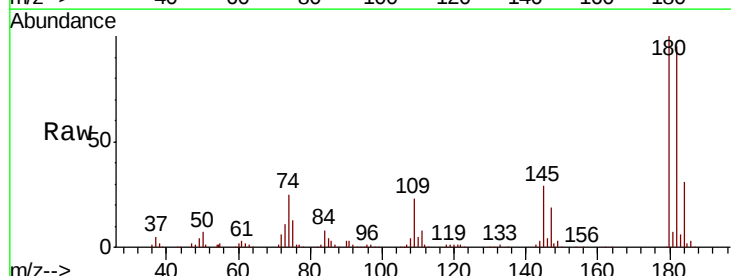
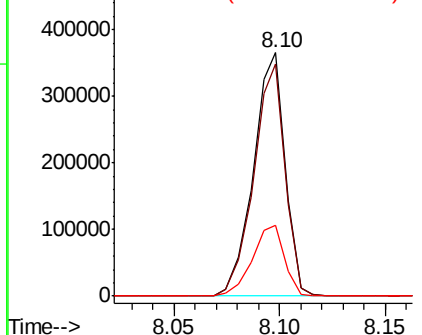
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	380137		
182	95.2	76.0	114.0	
145	28.9	23.8	35.6	

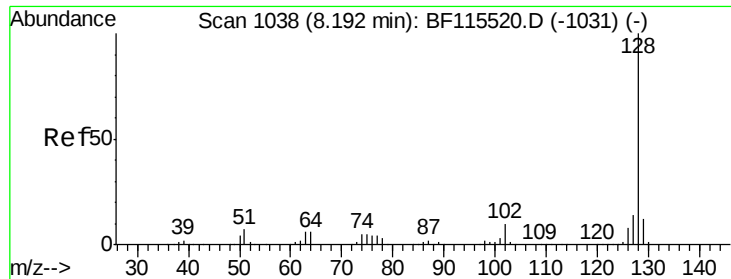
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





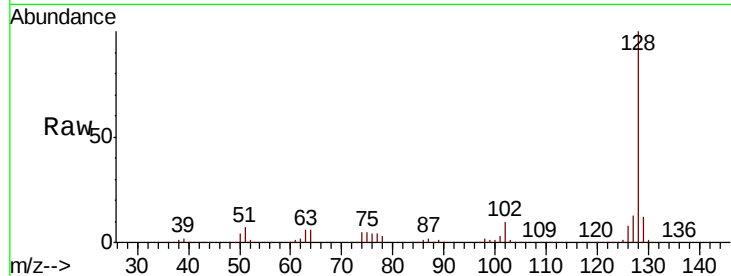
#31
Naphthalene
Concen: 42.622 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

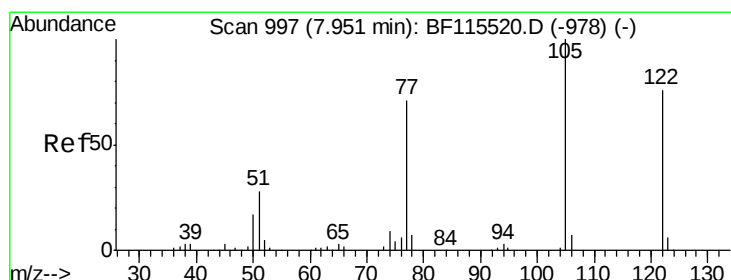
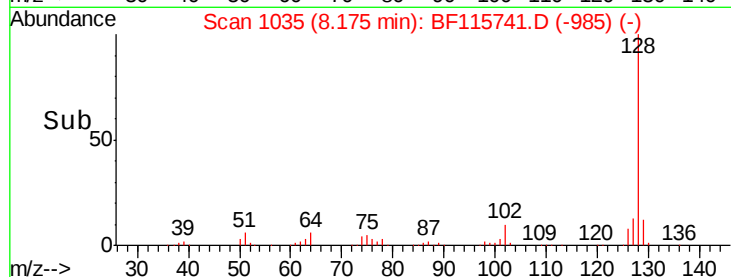
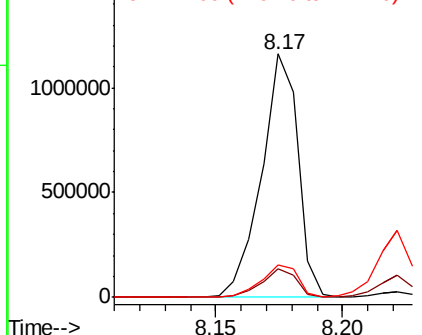
Tot Ion:128 Resp: 1173233
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.5 11.0 16.6

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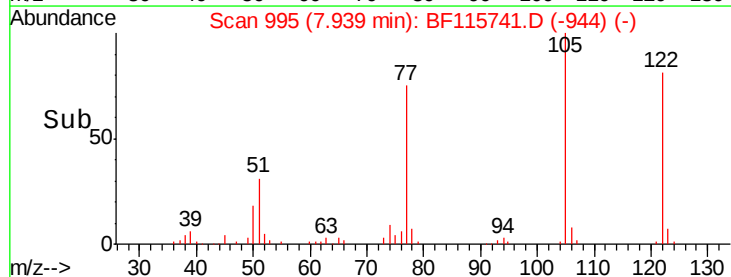
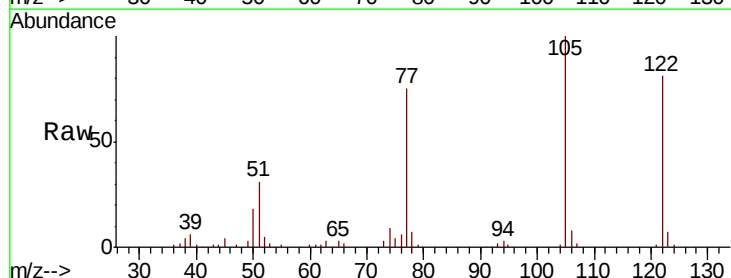
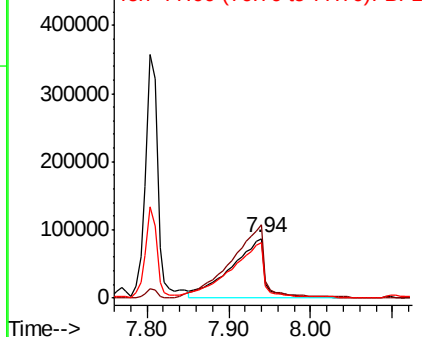
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

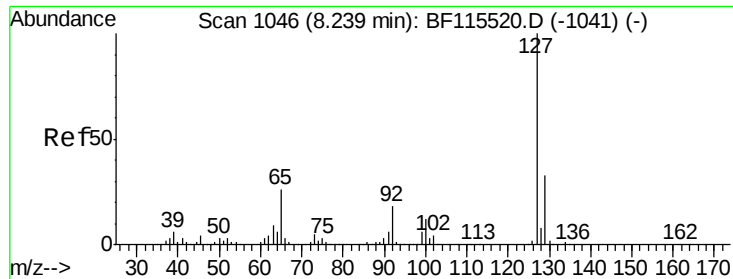


#32
Benzoic acid
Concen: 37.496 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:122 Resp: 249858
Ion Ratio Lower Upper
122 100
105 124.1 104.1 144.1
77 93.5 77.0 117.0

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





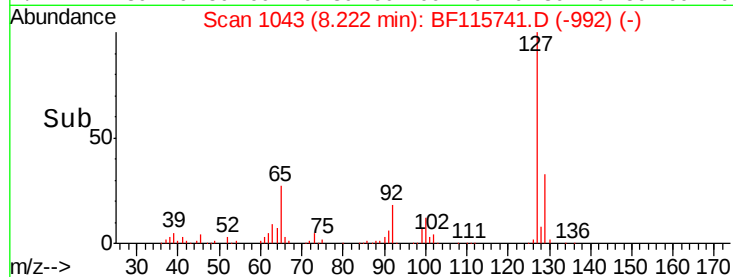
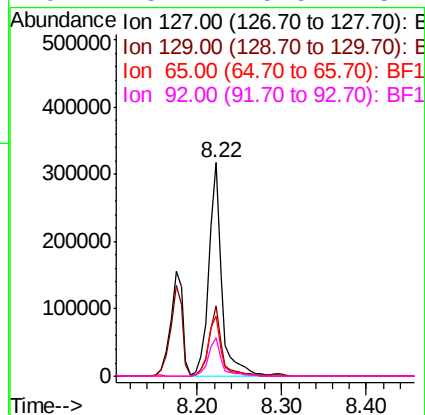
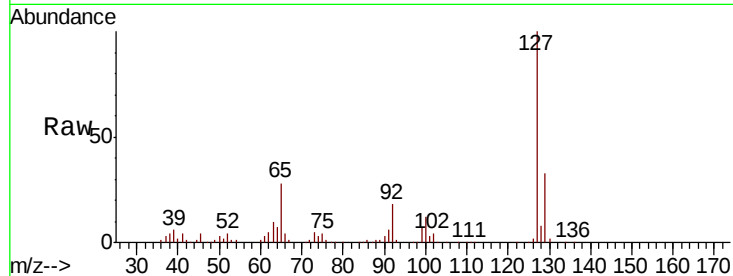
#33
4-Chloroaniline
Concen: 27.638 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleID :
PB121641BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.1	39.1		
65	28.2	24.6	37.0		
92	18.2	15.6	23.4		

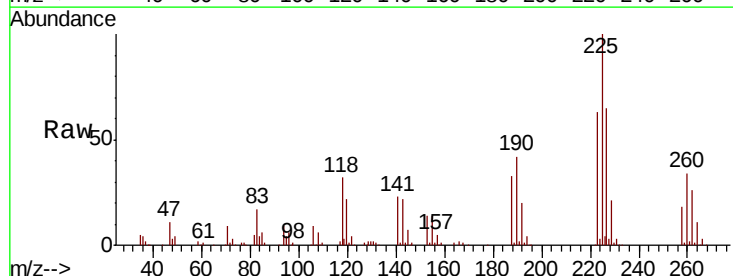
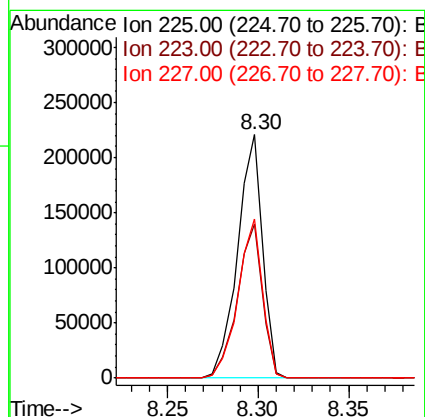
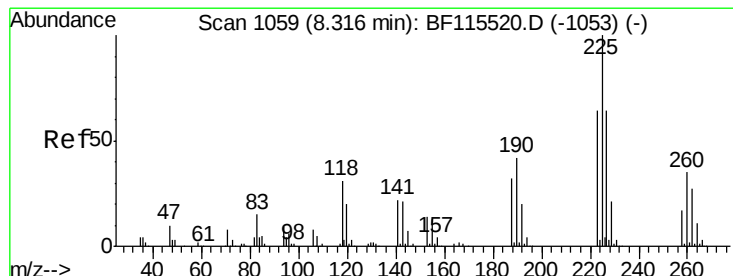
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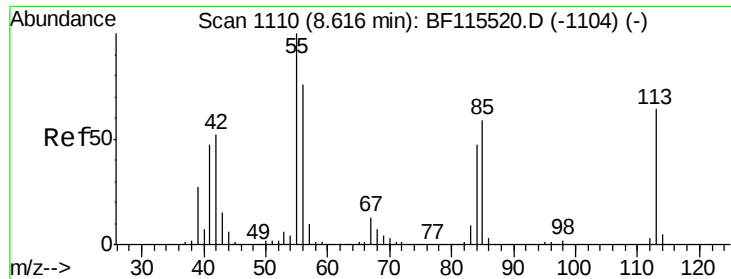
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#34
Hexachlorobutadiene
Concen: 38.715 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.8	74.8		
227	65.4	50.6	75.8		





#35

Caprolactam

Concen: 42.526 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleID :

PB121641BS

Tot Ion: 113 Resp: 110969

Ion Ratio Lower Upper

113 100

55 158.7 135.9 175.9

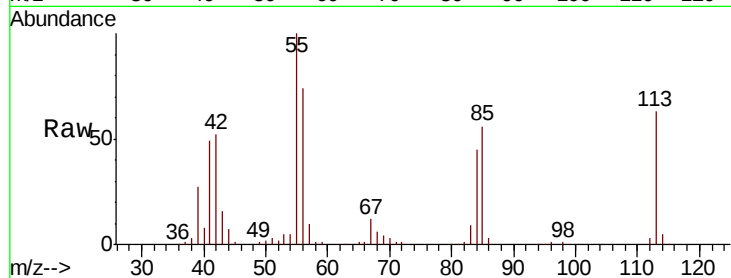
56 116.7 95.8 135.8

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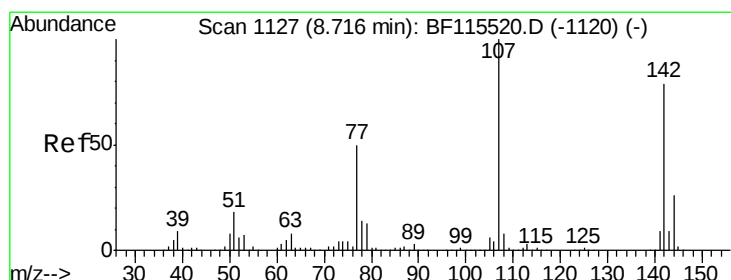
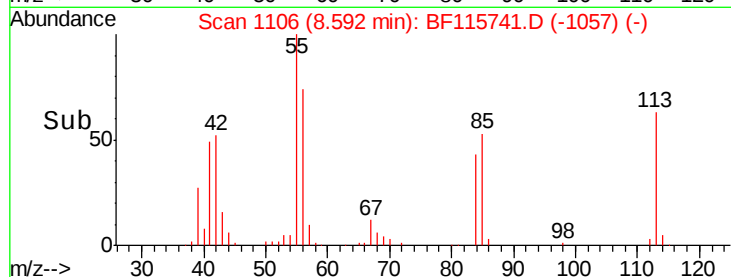
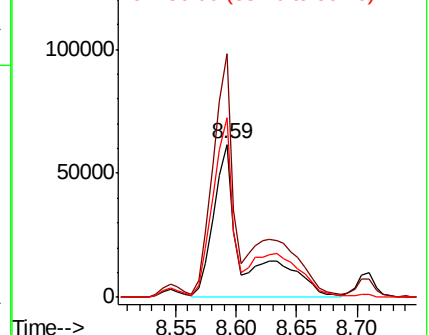
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.993 ng/mL

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

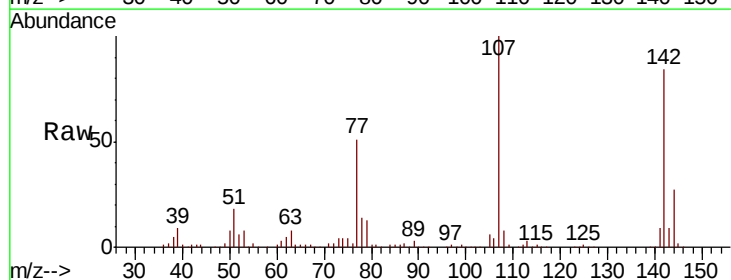
Tgt Ion: 107 Resp: 367832

Ion Ratio Lower Upper

107 100

144 26.9 21.4 32.0

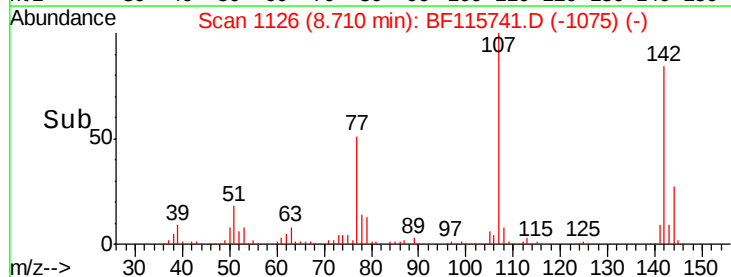
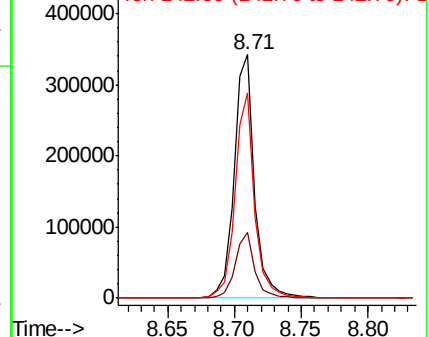
142 84.3 64.6 96.8

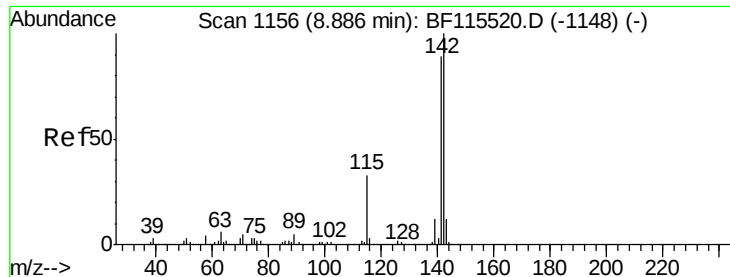


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





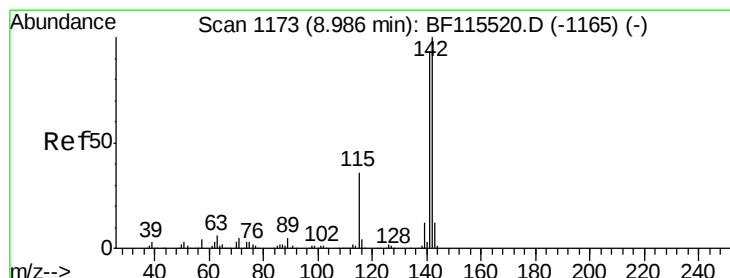
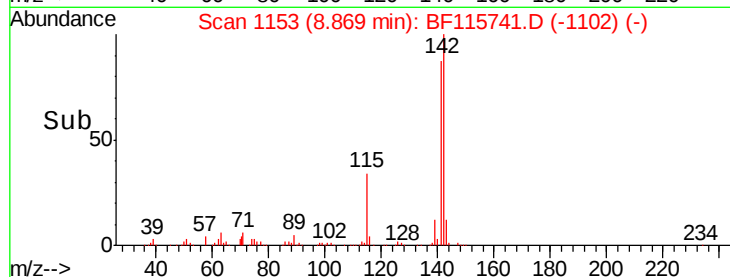
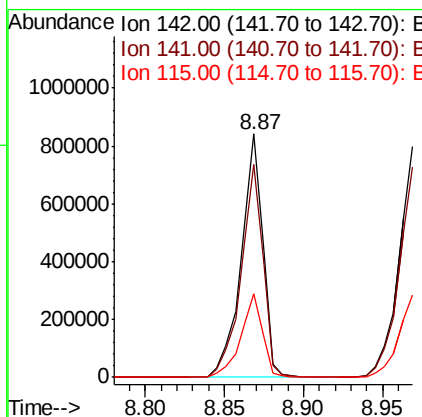
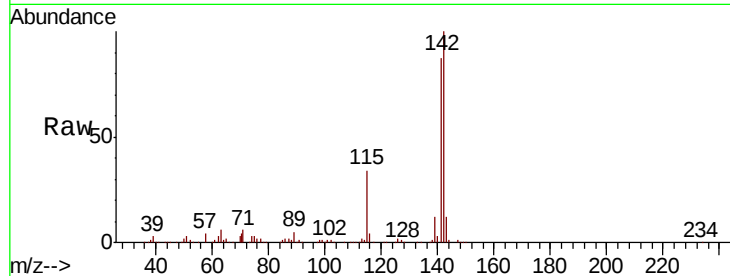
#37
2-Methylnaphthalene
Concen: 43.655 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.4	105.6
115	34.2	28.2	42.2

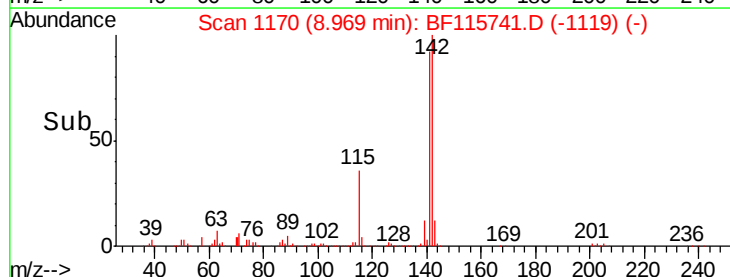
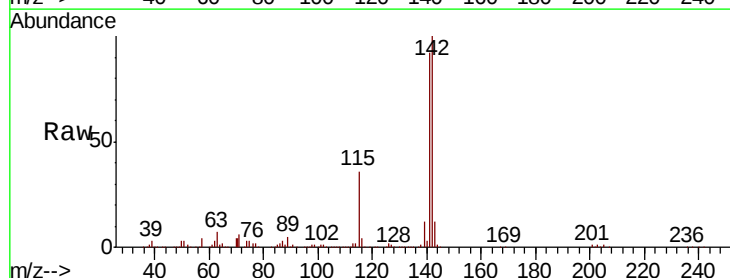
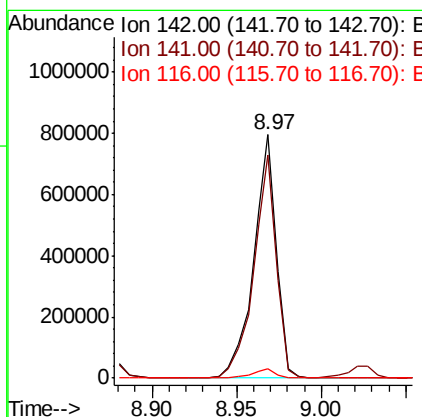
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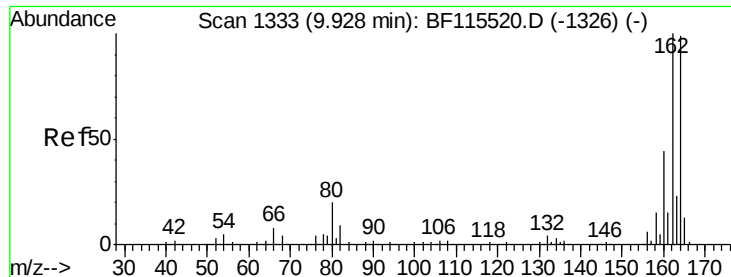
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#38
1-Methylnaphthalene
Concen: 42.758 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.9	109.3
116	3.8	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

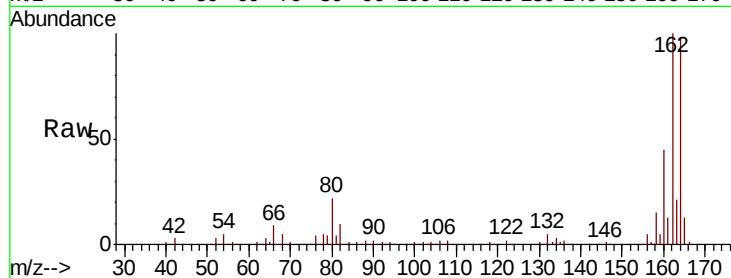
ClientSampleId :

PB121641BS

Tot Ion:	164	Resp:	290656
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.8	122.8
160	46.2	37.8	56.8

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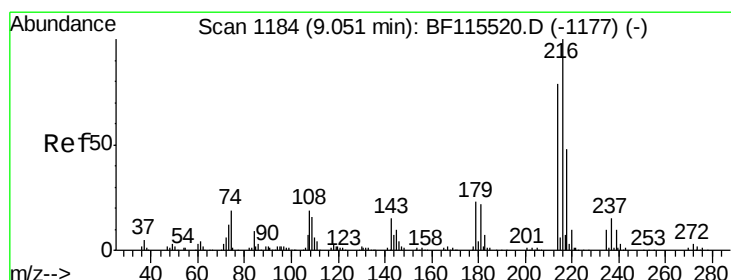
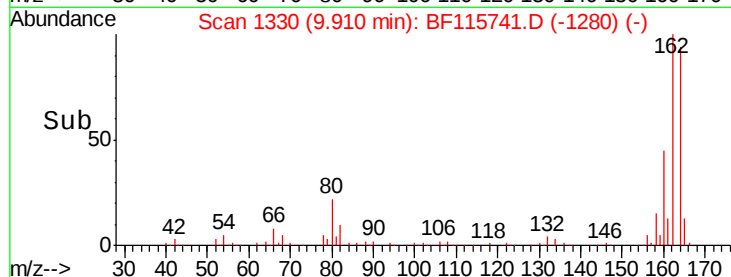
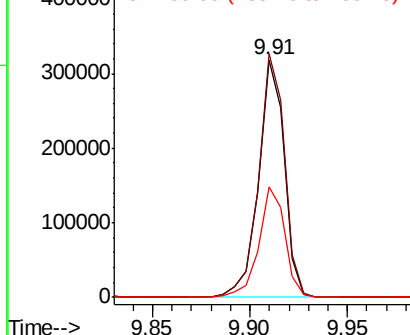


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.126 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	216	Resp:	359963
Ion Ratio	Lower	Upper	
216	100		
214	80.0	64.2	96.4
179	21.8	17.6	26.4
108	21.7	16.3	24.5

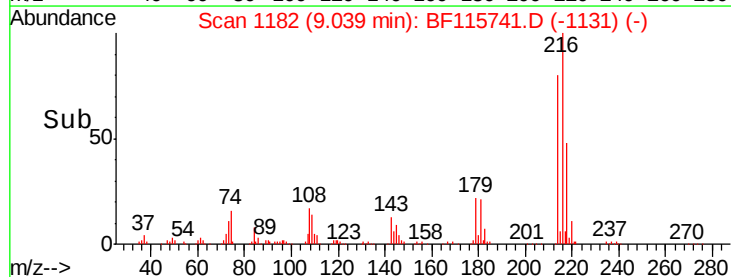
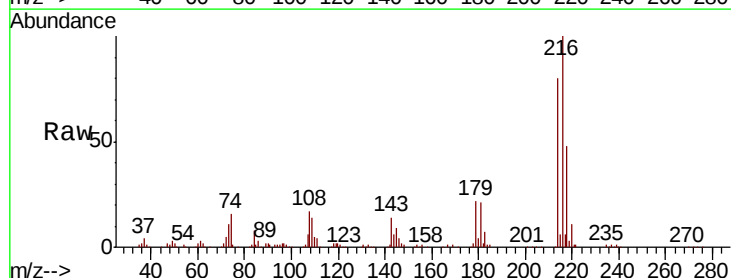
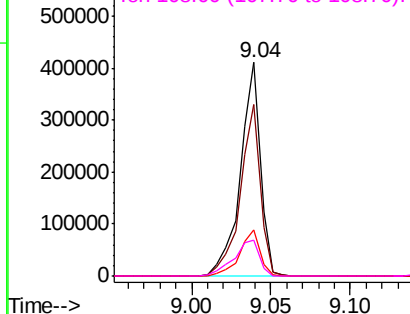
Abundance

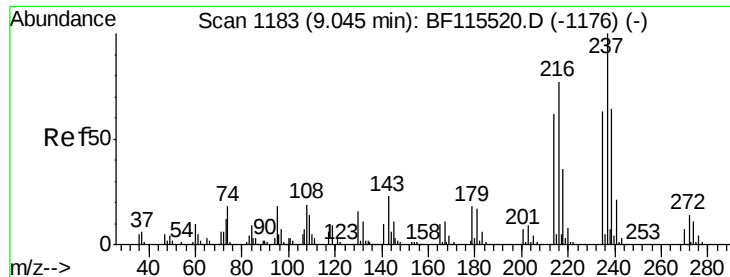
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





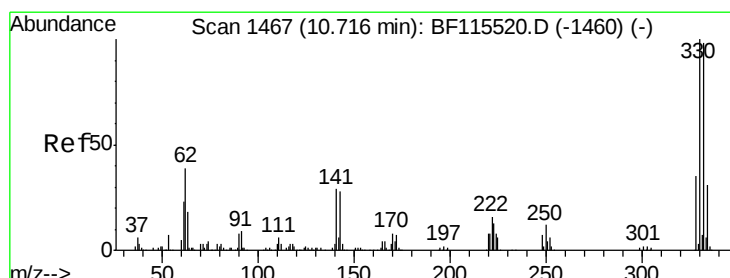
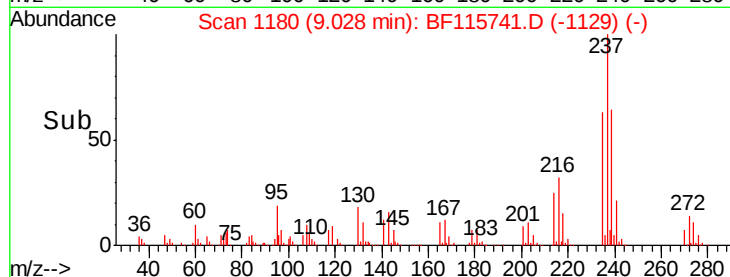
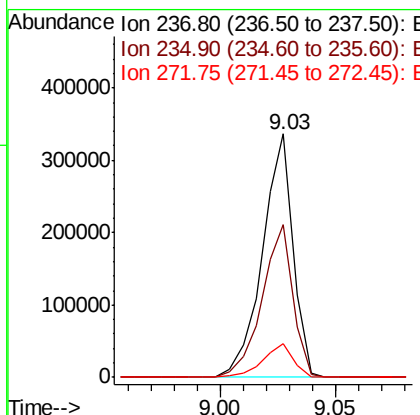
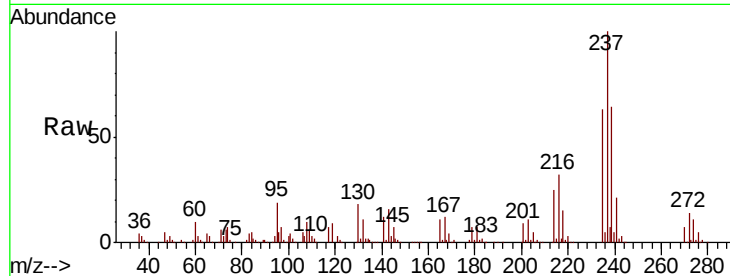
#41
Hexachlorocyclopentadiene
Concen: 62.135 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.5	43.6	83.6	
272	13.8	0.0	33.6	

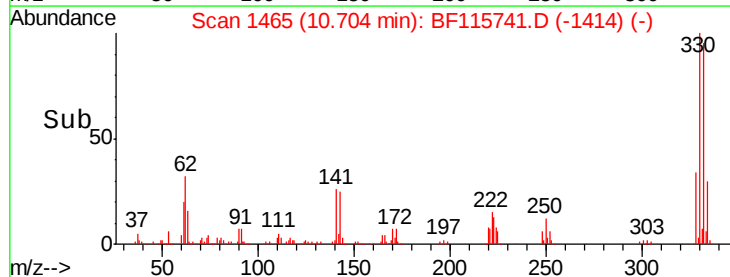
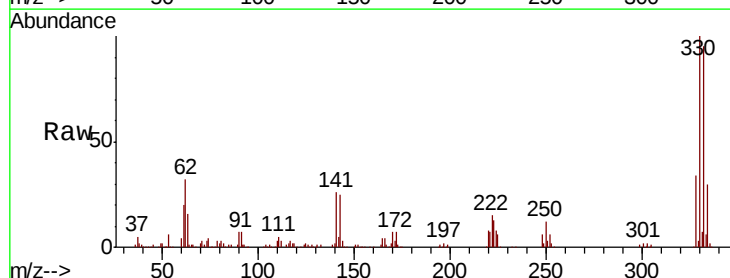
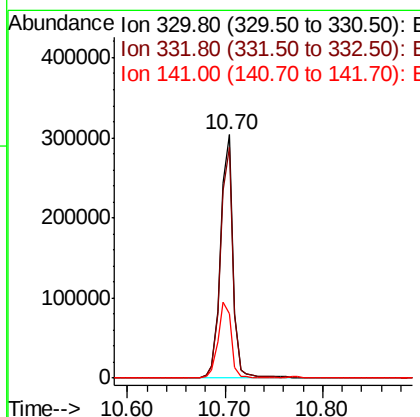
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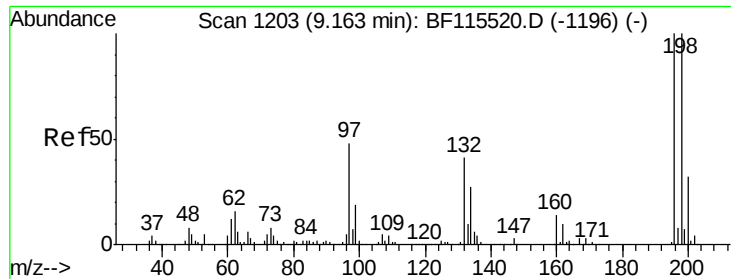
mohammad
7/25/2019 2:17:20 PM



#42
2,4,6-Tribromophenol
Concen: 79.794 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.7	115.1	
141	33.0	25.6	38.4	





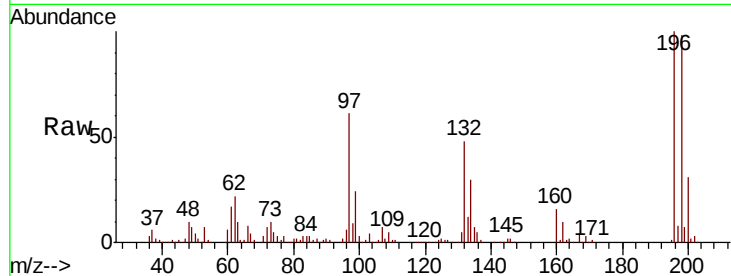
#43
2,4,6-Trichlorophenol
Concen: 39.051 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	249956		
198	97.6	79.4	119.2	
200	30.8	25.6	38.4	

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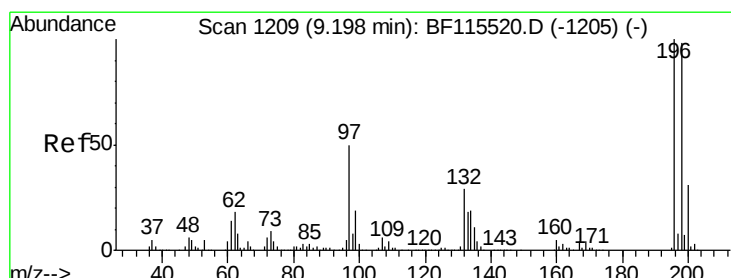
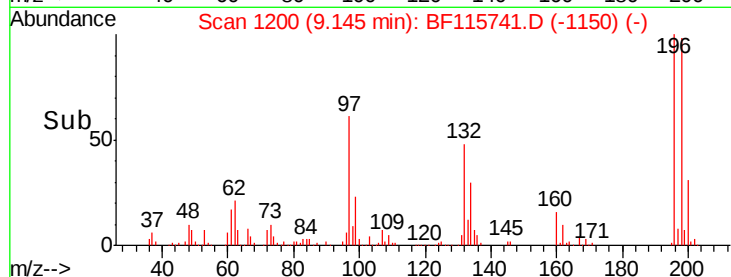
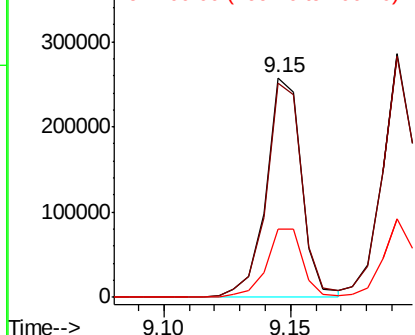


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 40.449 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265148		
198	99.0	77.9	116.9	
97	51.0	37.4	56.0	
132	29.0	22.2	33.4	

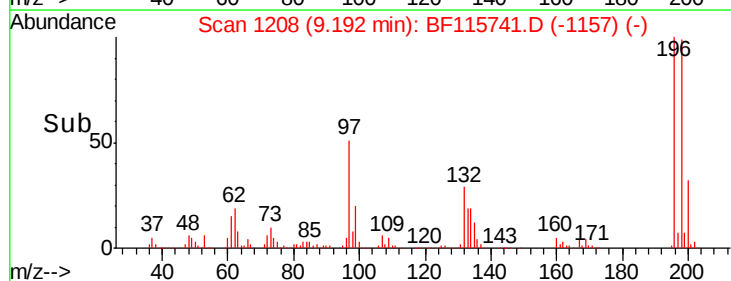
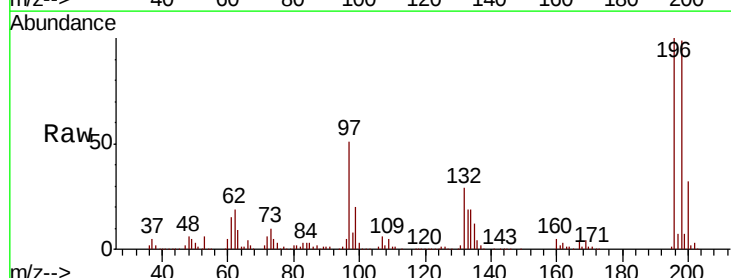
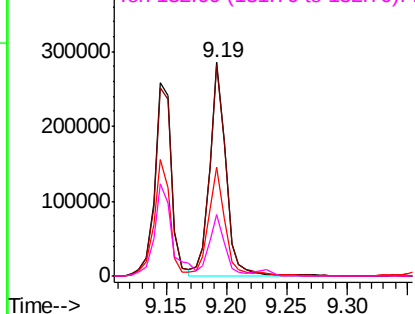
Abundance

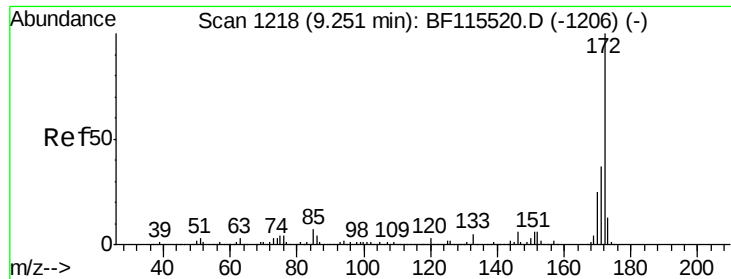
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





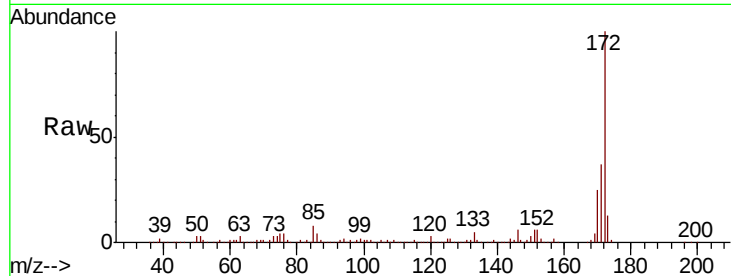
#45
2-Fluorobiphenyl
Concen: 90.995 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

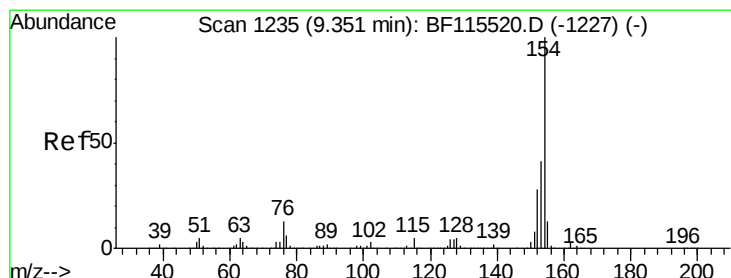
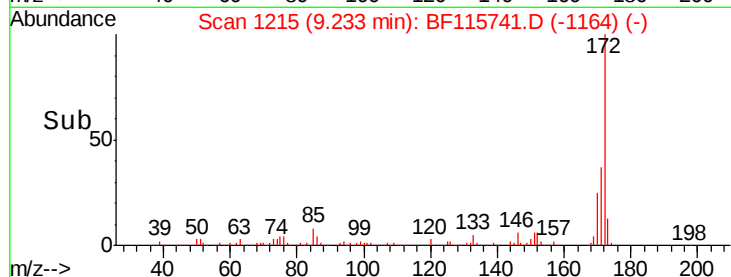
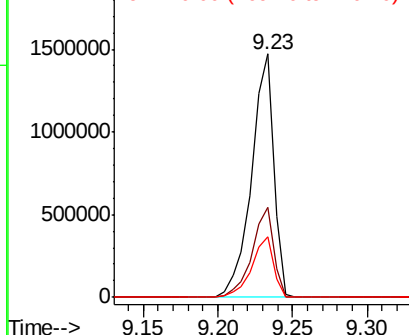
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	24.8	20.0	30.0

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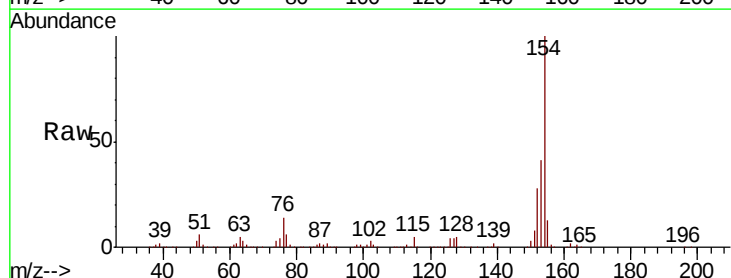


Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

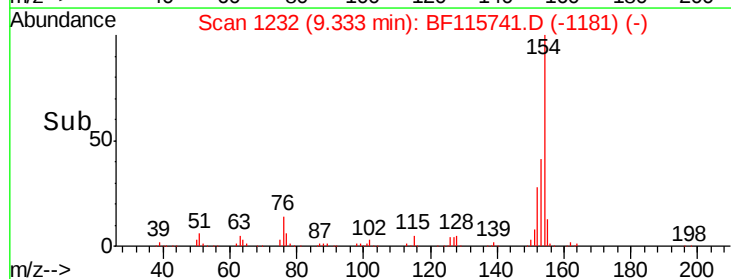
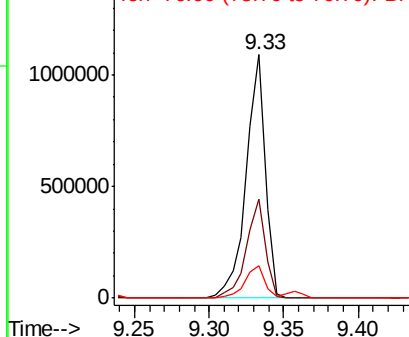


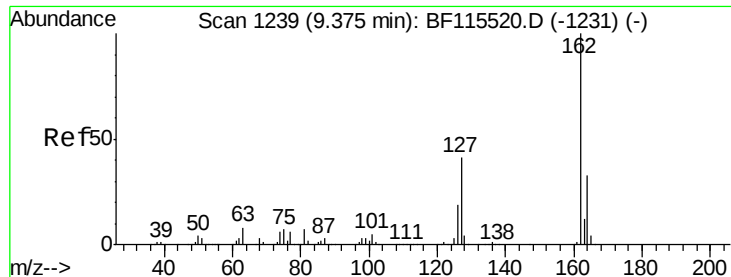
#46
1,1'-Biphenyl
Concen: 42.677 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	13.5	0.0	34.3



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





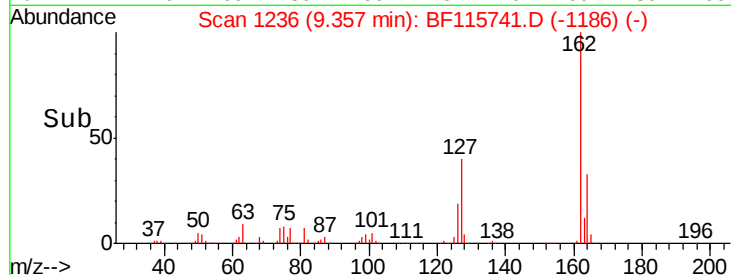
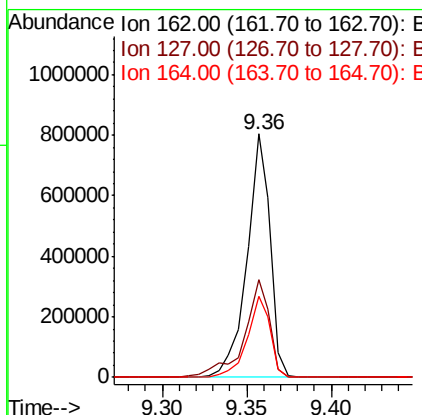
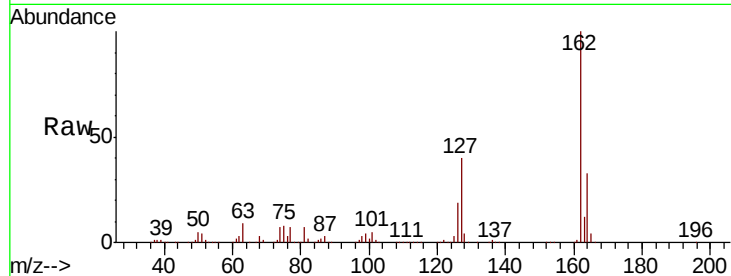
#47
2-Chloronaphthalene
Concen: 40.638 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleID :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.3	31.4	47.2	
164	33.2	26.7	40.1	

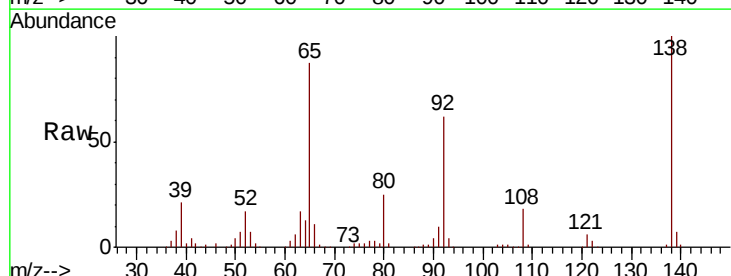
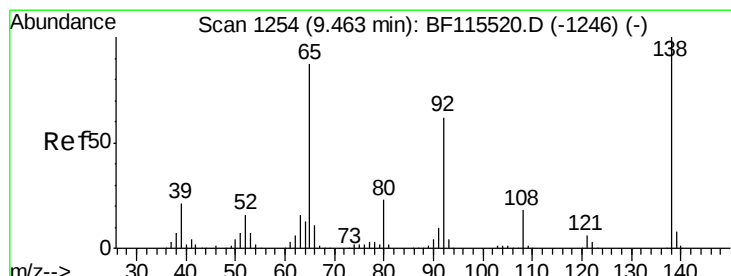
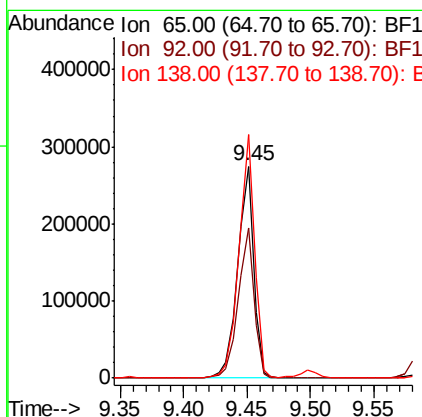
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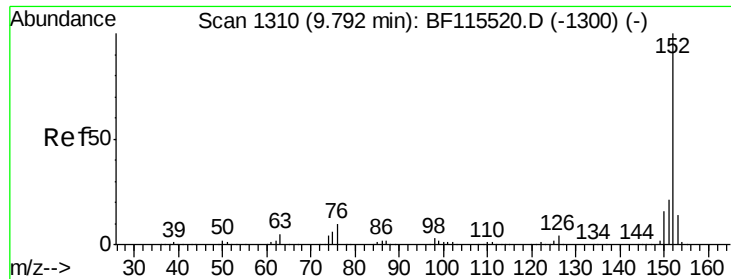
mohammad
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#48
2-Nitroaniline
Concen: 40.816 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.0	55.4	83.2	
138	114.9	87.2	130.8	





#49

Acenaphthylene

Concen: 41.739 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

ClientSampleId :

PB121641BS

Tot Ion:152 Resp: 1170172

Ion Ratio Lower Upper

152 100

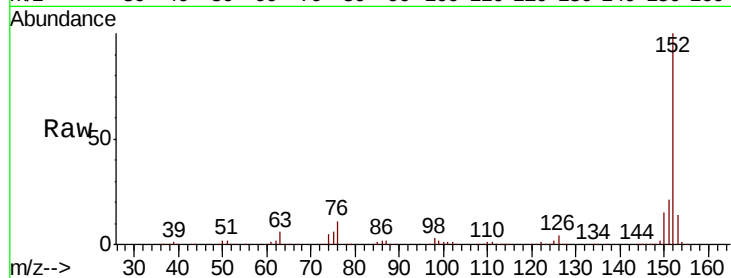
151 20.9 16.9 25.3

153 14.2 11.5 17.3

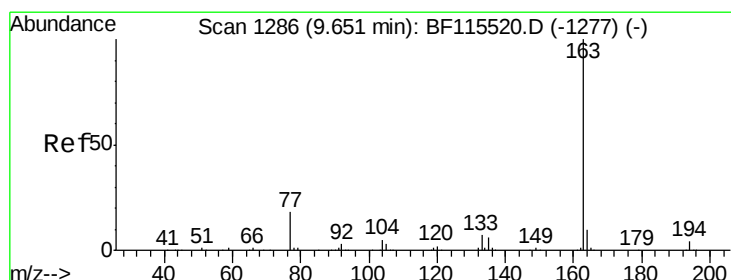
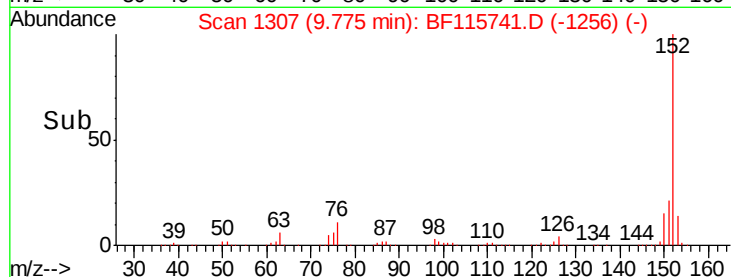
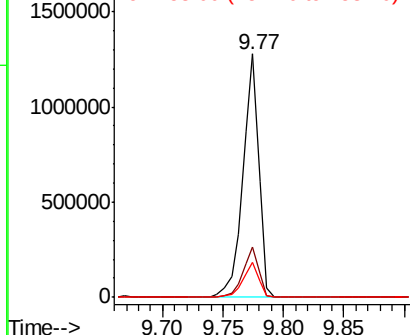
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.551 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

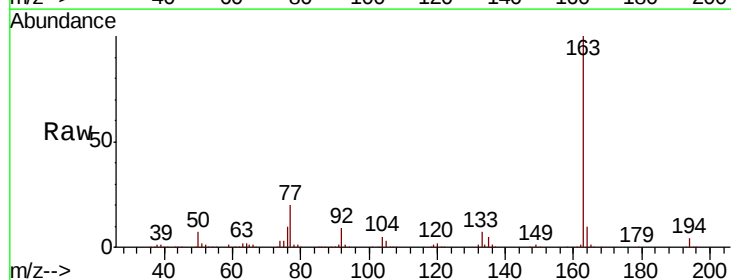
Tgt Ion:163 Resp: 886766

Ion Ratio Lower Upper

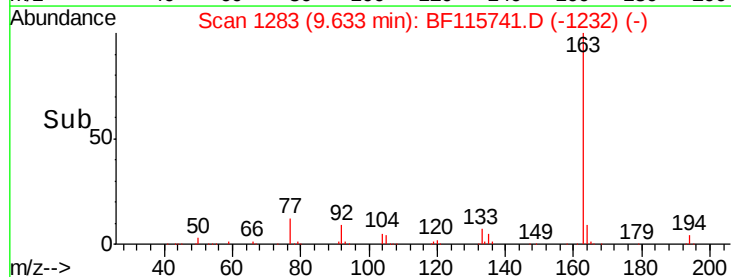
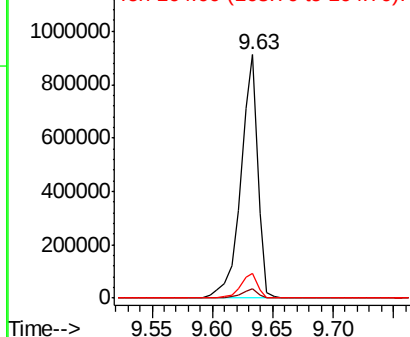
163 100

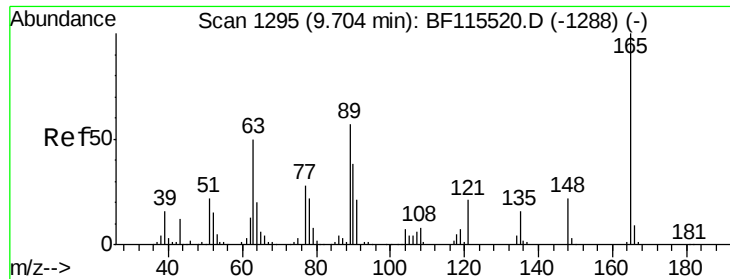
194 3.8 3.0 4.6

164 10.1 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





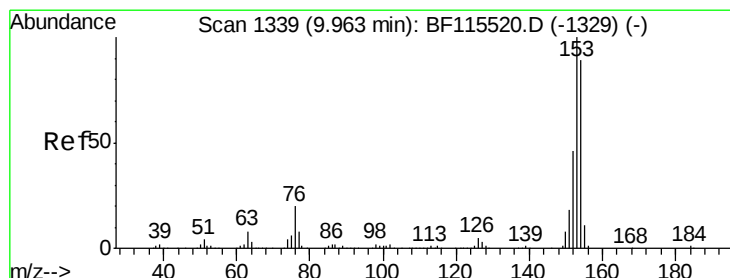
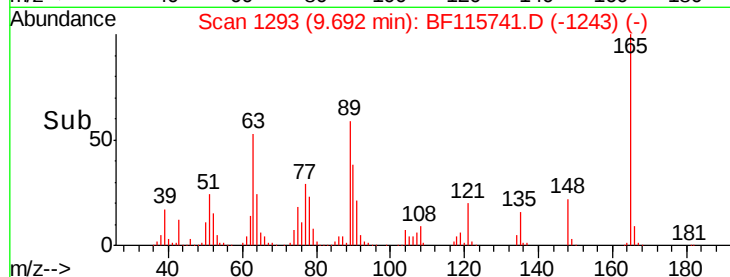
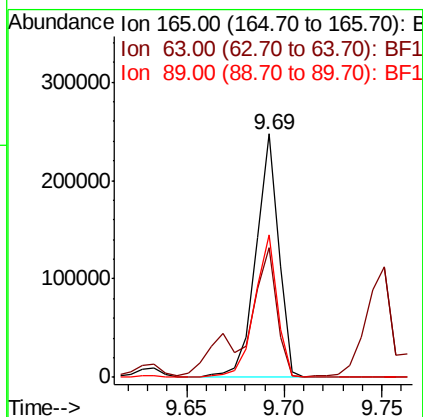
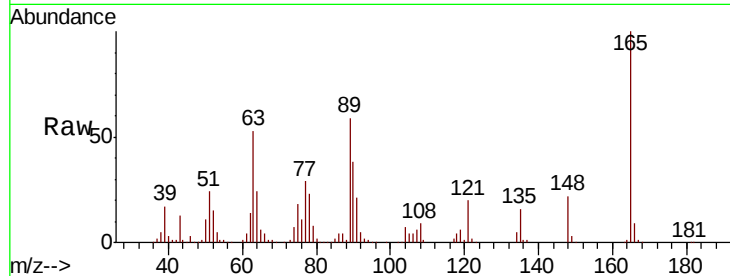
#51
2,6-Dinitrotoluene
Concen: 40.203 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	199794		
63	53.2	35.8	53.6	
89	58.5	41.4	62.2	

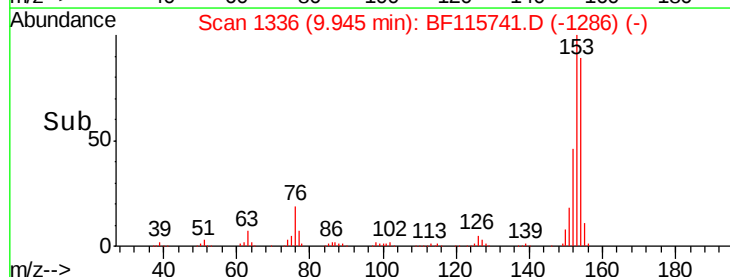
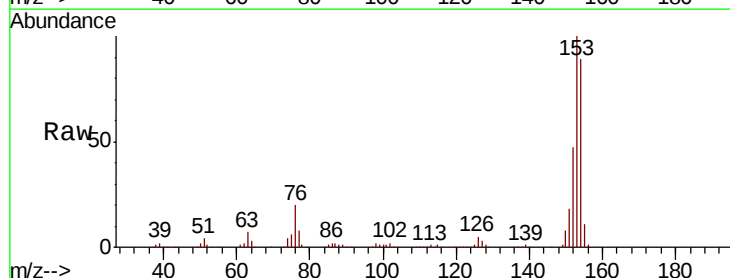
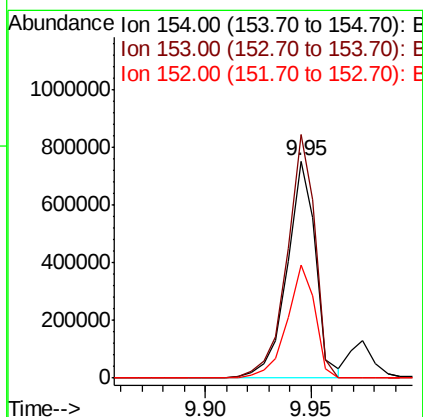
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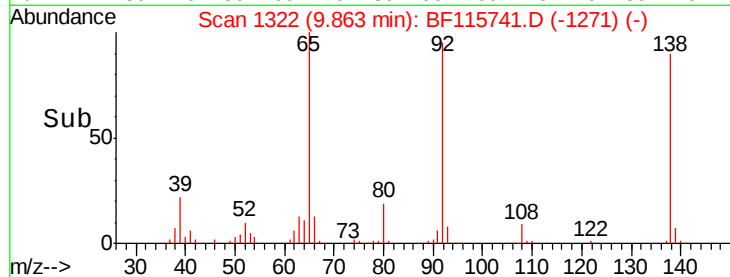
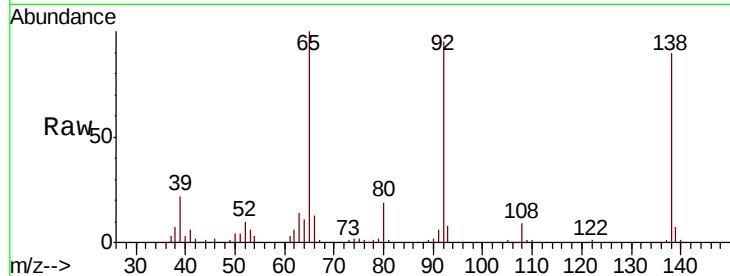
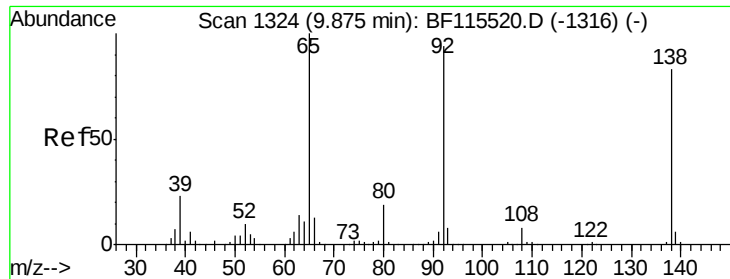
mohammad
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#52
Acenaphthene
Concen: 39.326 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	711817		
153	112.3	89.5	134.3	
152	52.2	42.2	63.4	





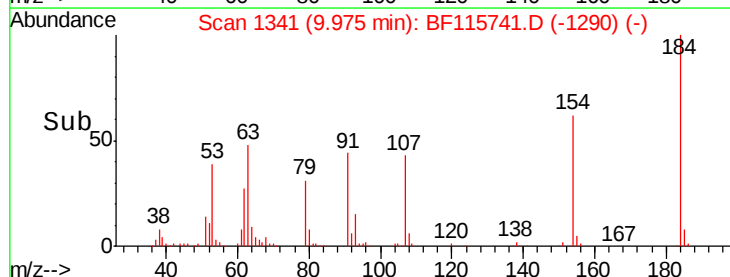
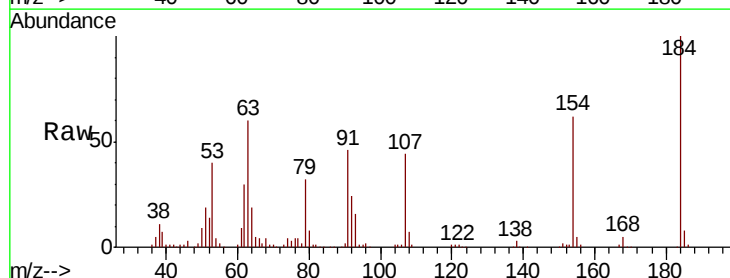
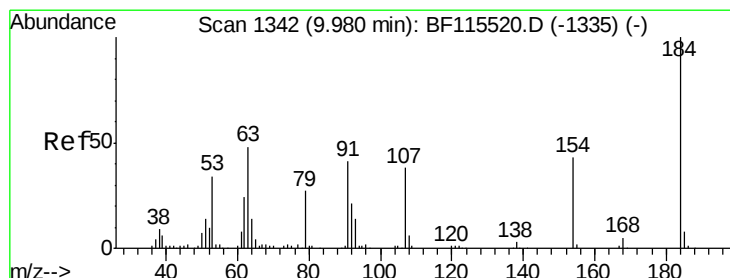
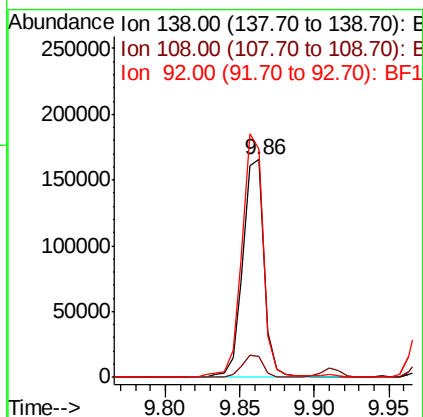
#53
3-Nitroaniline
Concen: 28.970 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tot Ion	Ratio	Resp	Lower	Upper
138	100	164524		
108	9.7	8.0	12.0	
92	105.2	91.0	136.6	

Instrument :
BNA_F
ClientSampleId :
PB121641BS

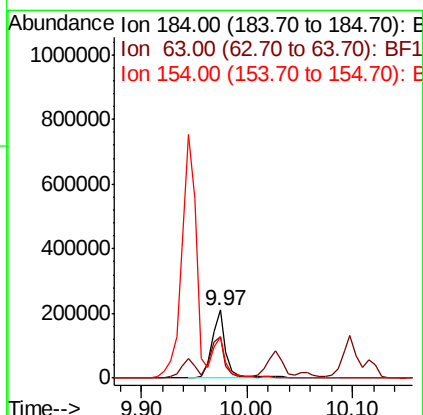
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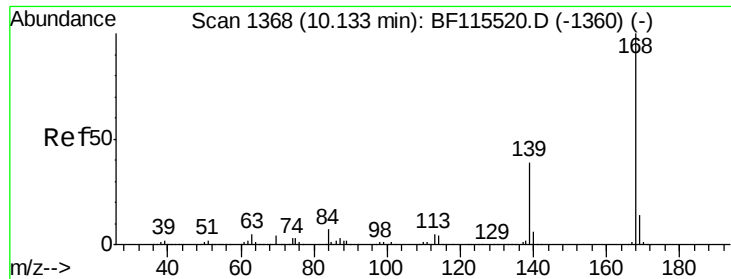
mohammad
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#54
2,4-Dinitrophenol
Concen: 77.048 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	196590		
63	60.1	48.6	72.8	
154	61.7	50.6	75.8	





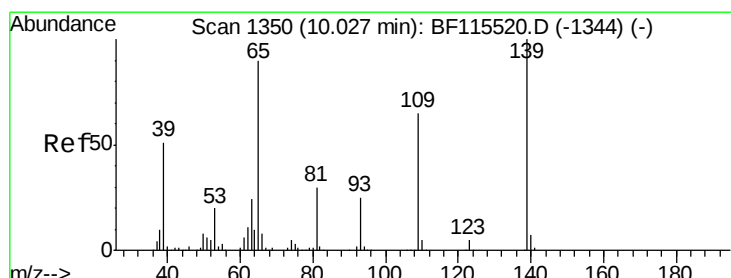
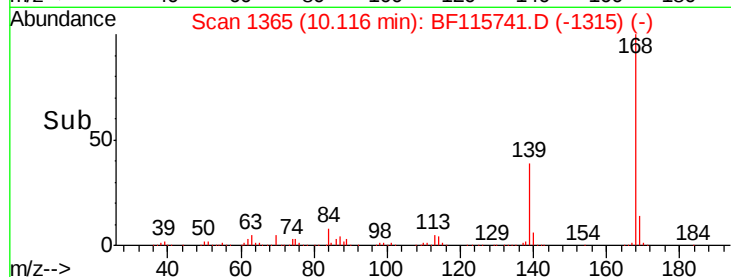
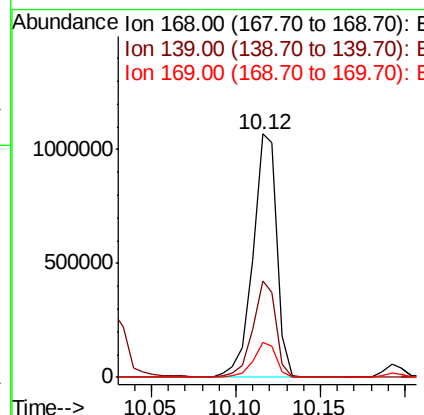
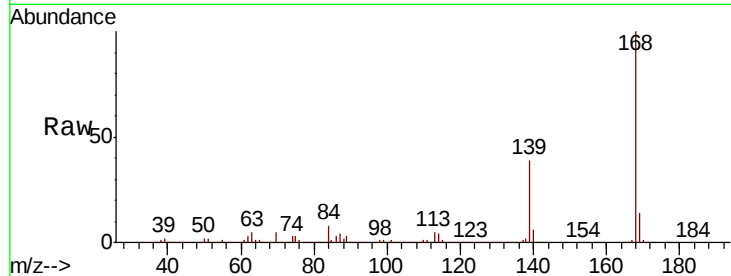
#55
Dibenzenofuran
Concen: 41.285 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampled :
PB121641BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.3	45.5
169	14.2	11.0	16.6

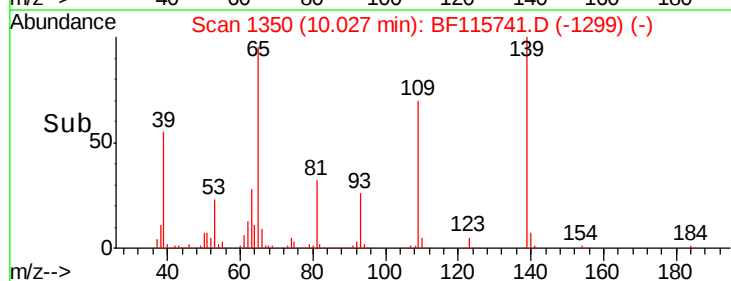
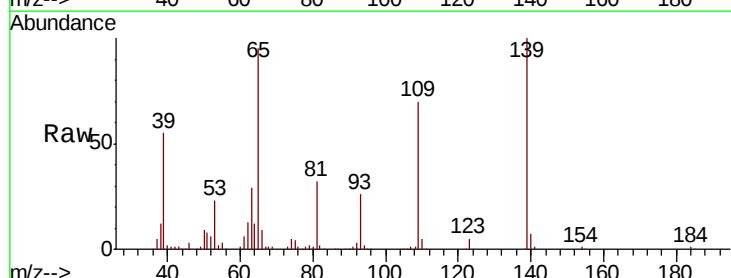
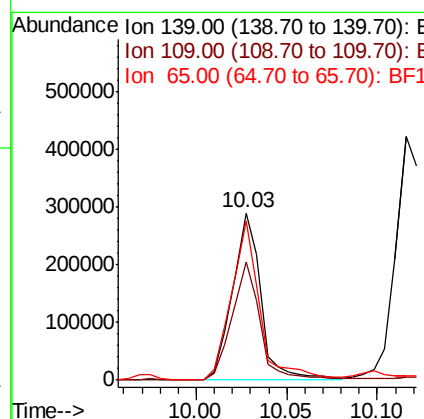
Manual Integrations
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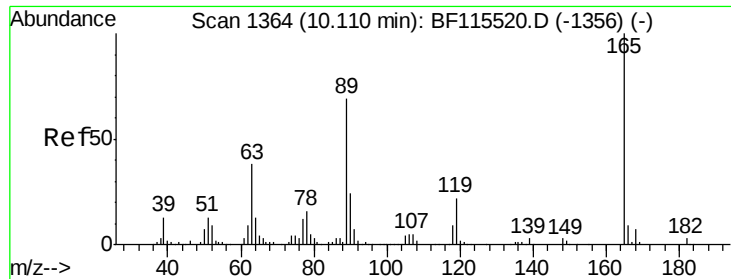
mohammad
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#56
4-Nitrophenol
Concen: 73.685 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.5	48.5	88.5
65	95.1	66.5	106.5





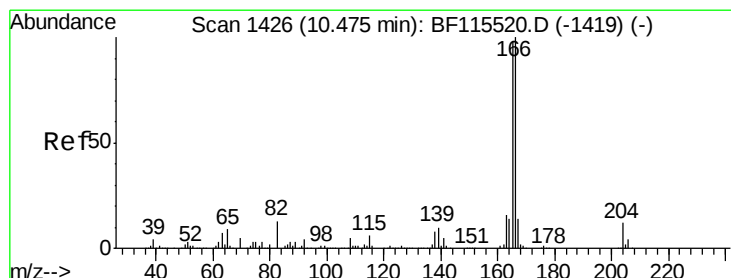
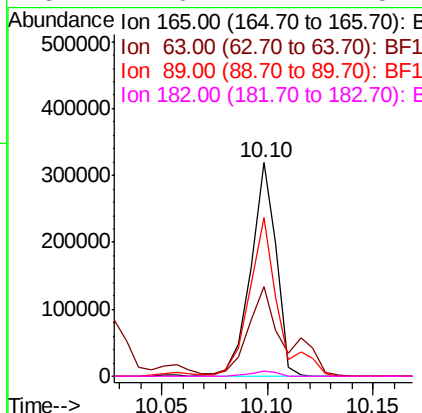
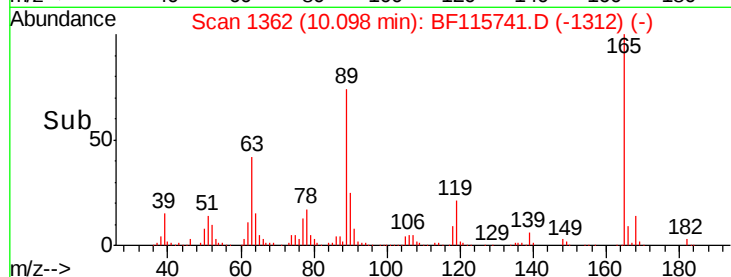
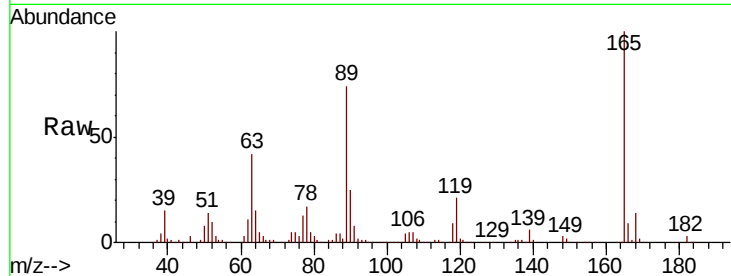
#57
2,4-Dinitrotoluene
Concen: 41.593 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		267794		
63	41.9	29.5	44.3		
89	74.2	52.2	78.4		
182	2.6	2.2	3.2		

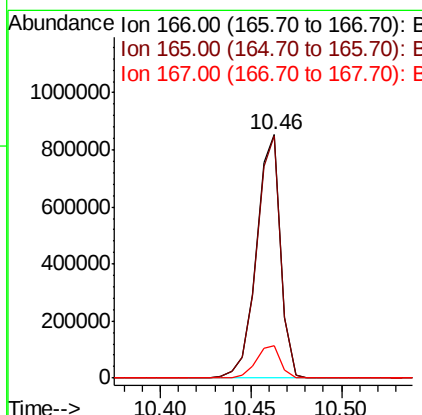
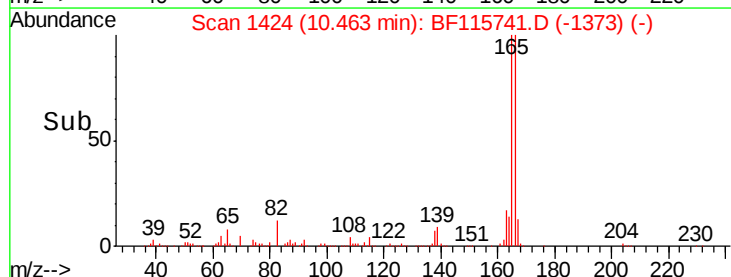
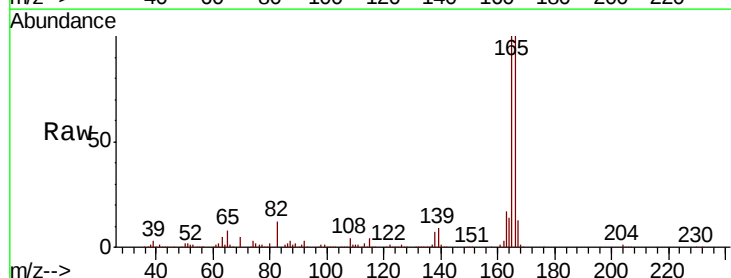
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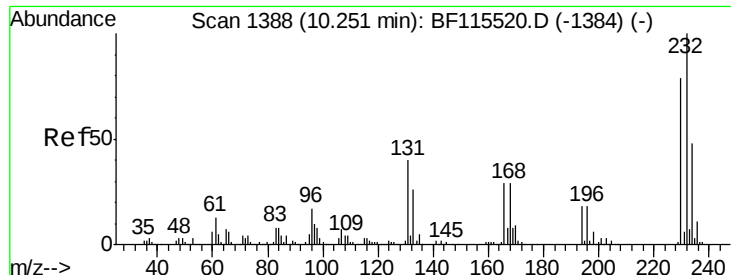
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#58
Fluorene
Concen: 42.856 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		787506		
165	99.6	78.1	117.1		
167	13.4	10.9	16.3		





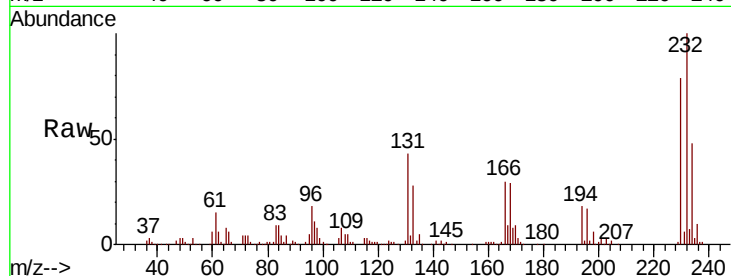
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.548 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

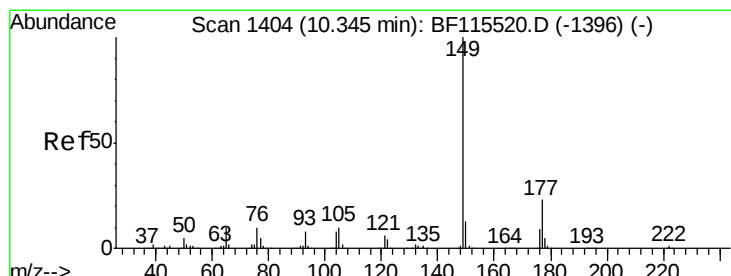
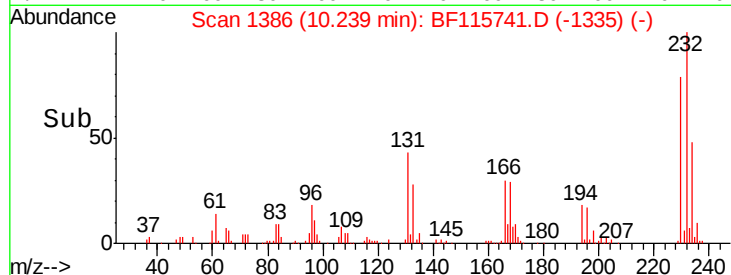
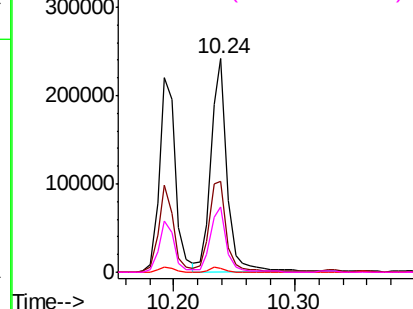
Tot Ion	Ratio	Resp	Lower	Upper
232	100	222189		
131	46.2		36.0	54.0
130	2.3		1.9	2.9
166	30.3		23.5	35.3

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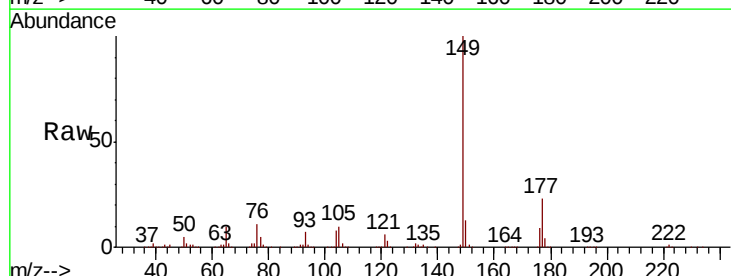


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

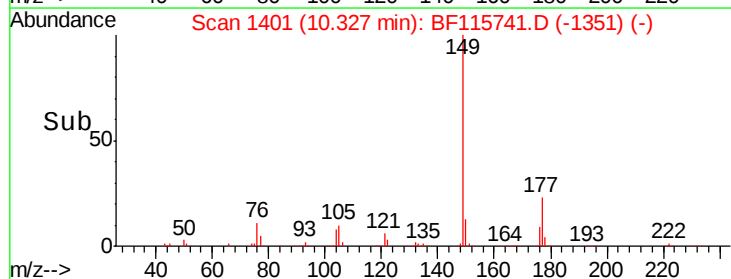
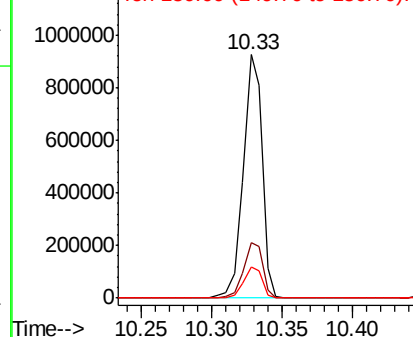


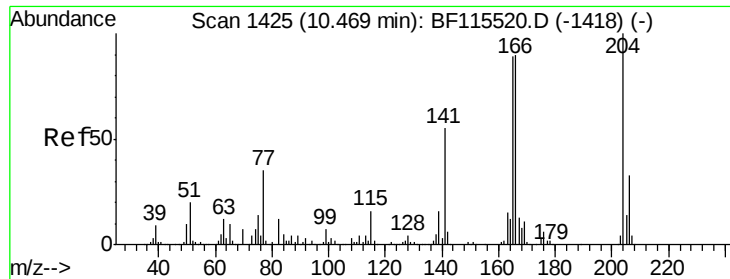
#60
 Diethylphthalate
 Concen: 41.818 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	856835		
177	22.7		18.9	28.3
150	12.6		10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





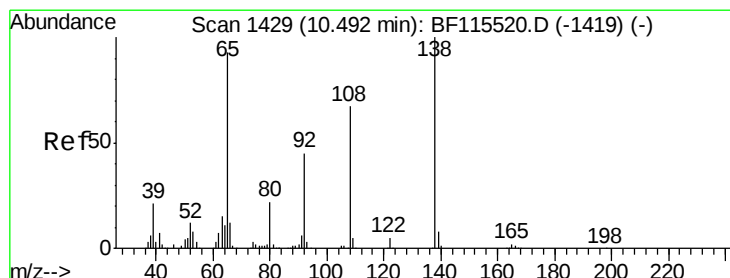
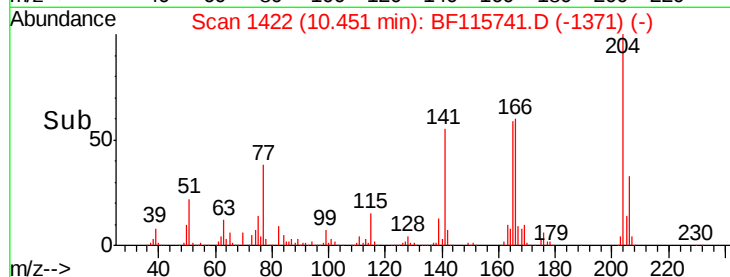
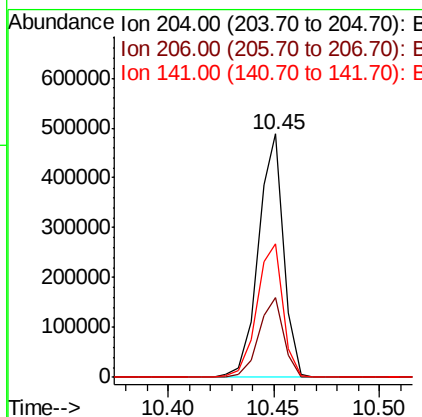
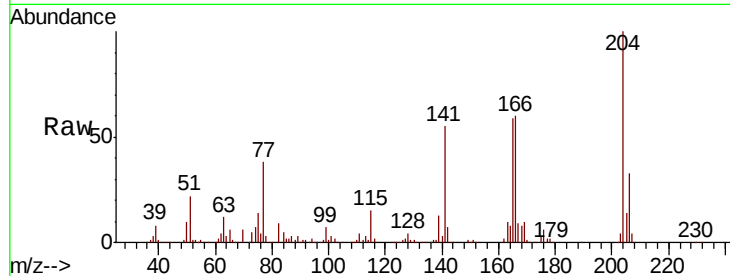
#61
 4-Chlorophenyl-phenylether
 Concen: 39.773 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Tot Ion:	204	Resp:	405306
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.7	40.1
141	55.0	47.6	71.4

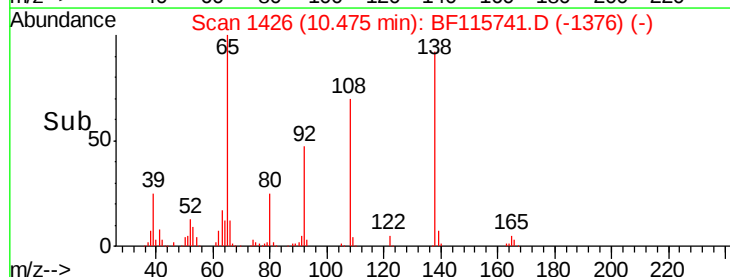
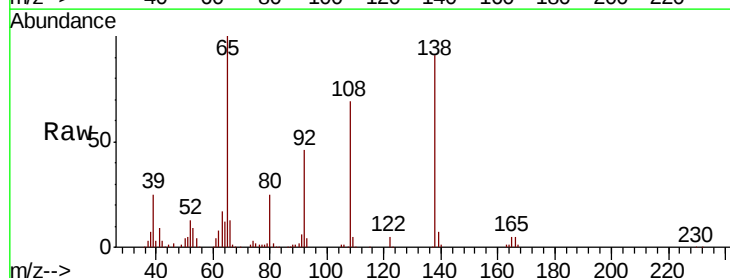
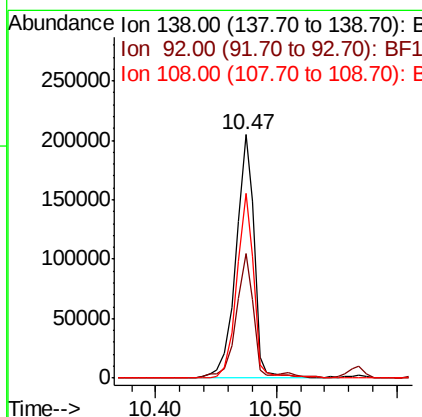
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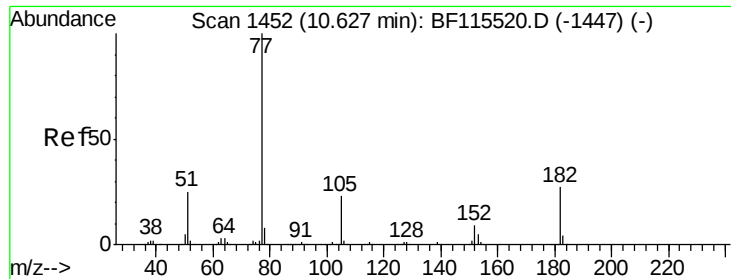
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#62
 4-Nitroaniline
 Concen: 39.814 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:	138	Resp:	216889
Ion Ratio	Lower	Upper	
138	100		
92	50.9	29.3	69.3
108	76.0	53.6	93.6





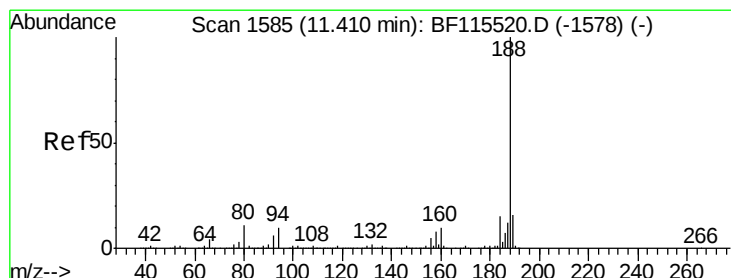
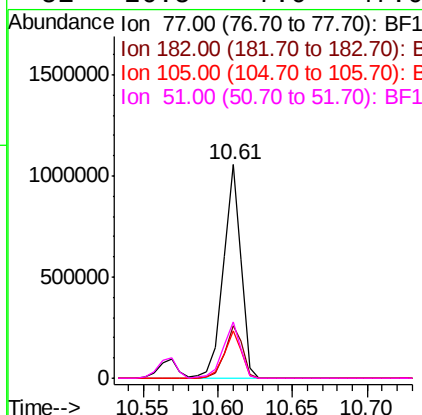
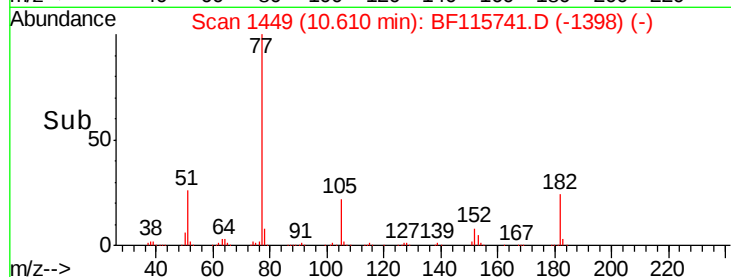
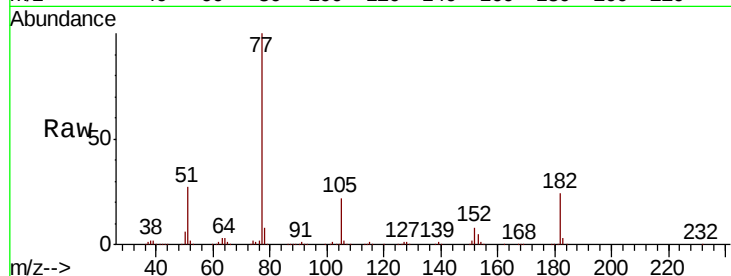
#63
Azobenzene
Concen: 44.295 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.4	4.2	44.2
105	22.4	2.5	42.5
51	26.5	7.0	47.0

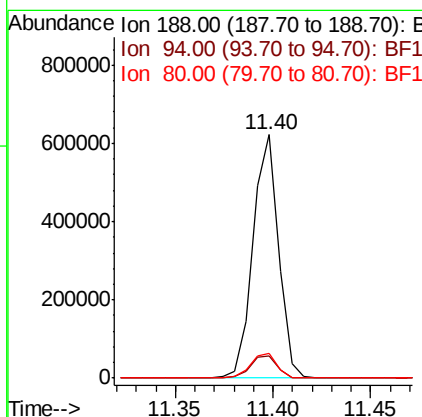
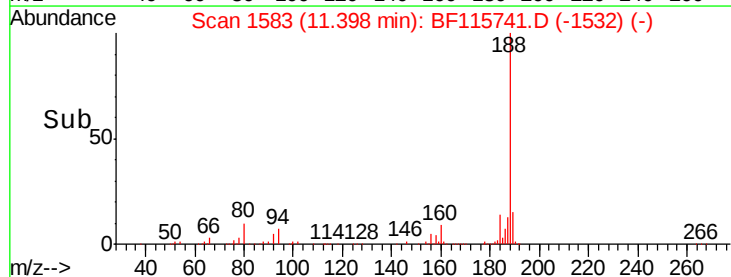
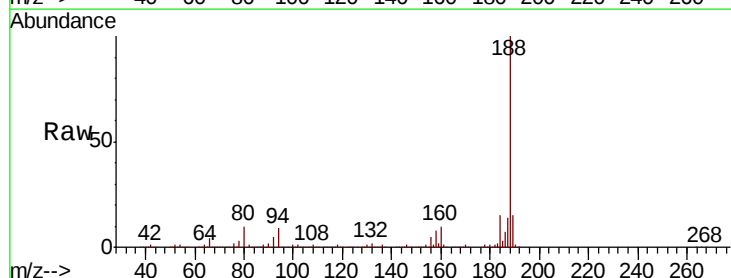
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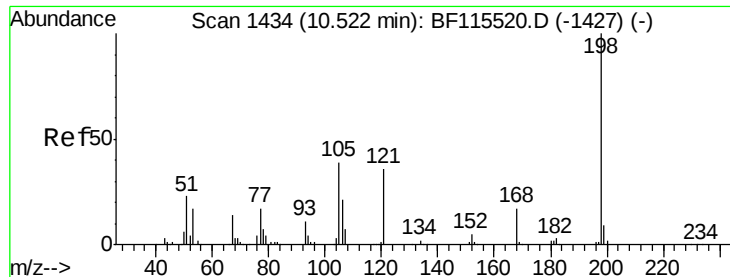
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	10.4	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 38.510 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

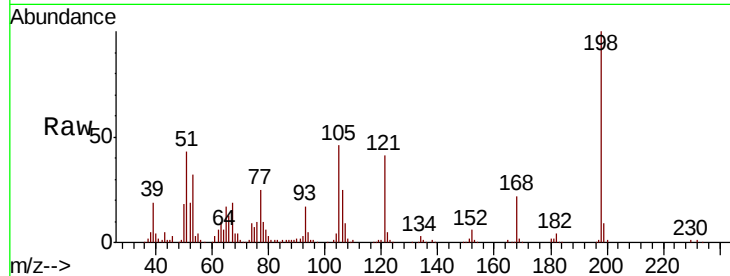
ClientSampleId :

PB121641BS

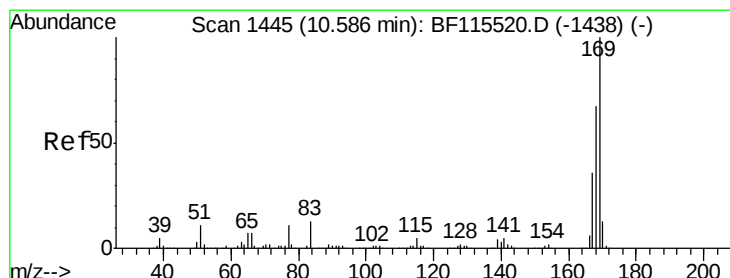
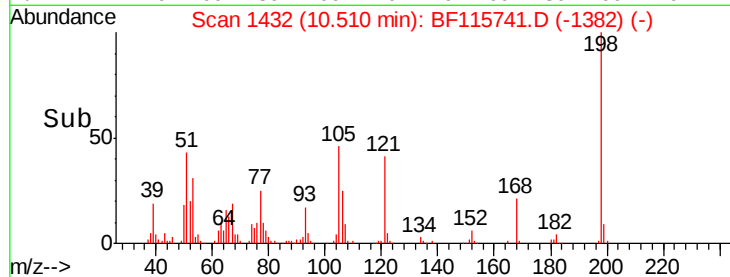
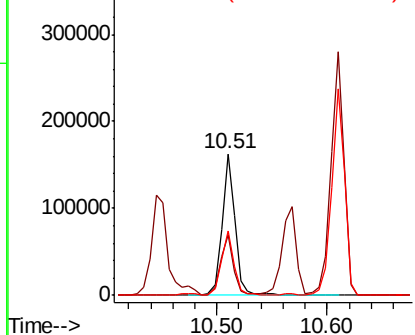
Tot Ion:	198	Resp:	132845
Ion Ratio	Lower	Upper	
198	100		
51	42.8	15.7	55.7
105	45.7	21.5	61.5

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.595 ng

RT: 10.57 min Scan# 1442

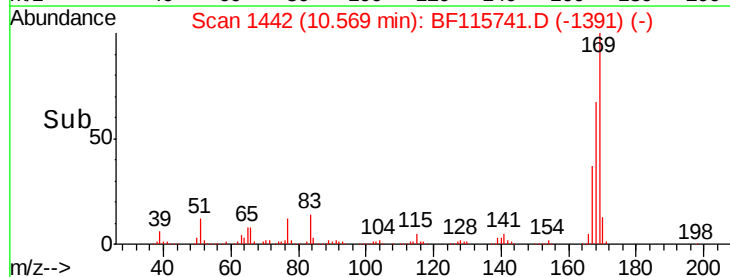
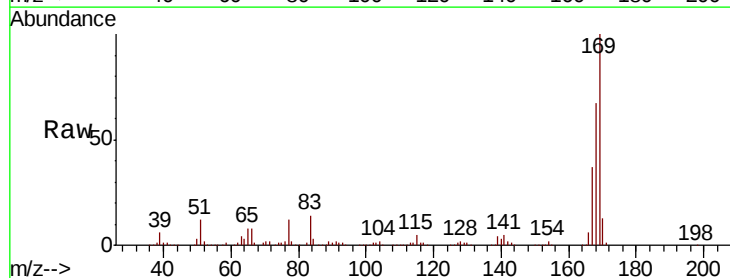
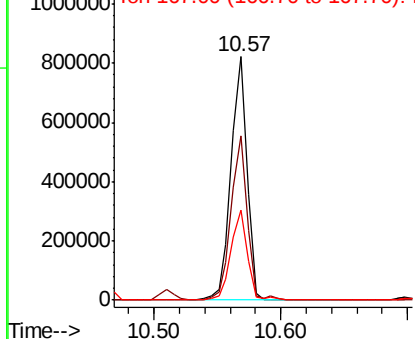
Delta R.T. 0.00 min

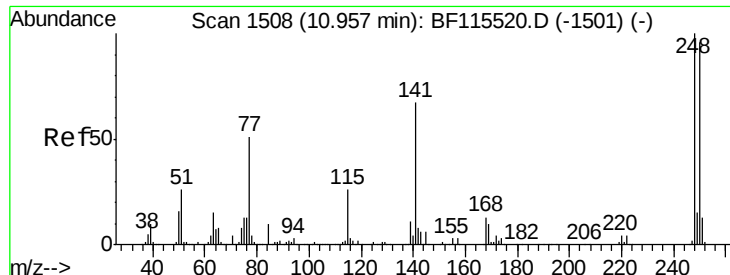
Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	169	Resp:	712981
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.5	80.3
167	37.2	29.0	43.4

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





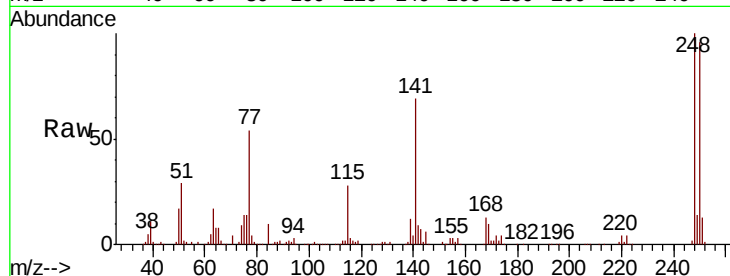
#67
 4-Bromophenyl-phenylether
 Concen: 38.908 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

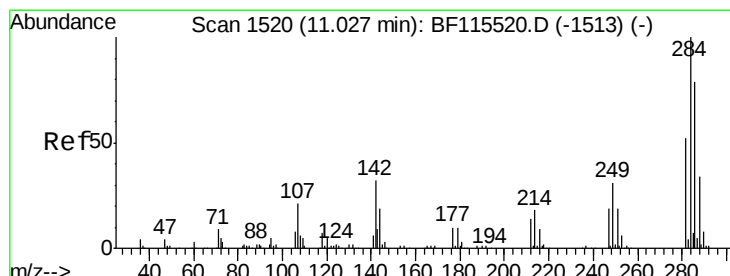
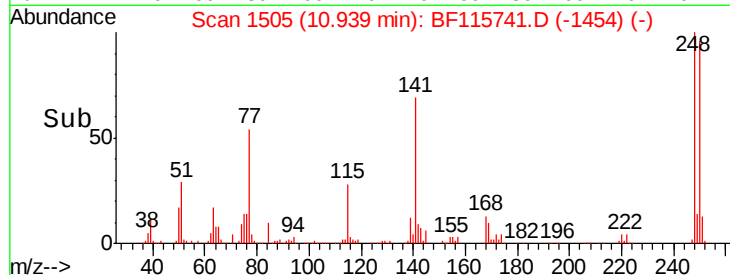
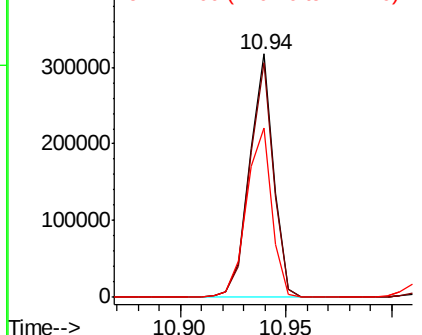
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.1	114.1
141	69.4	57.7	86.5

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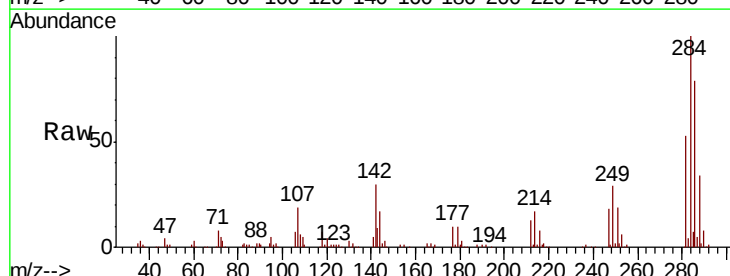


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

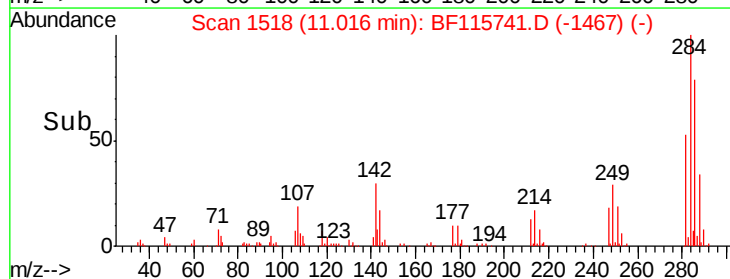
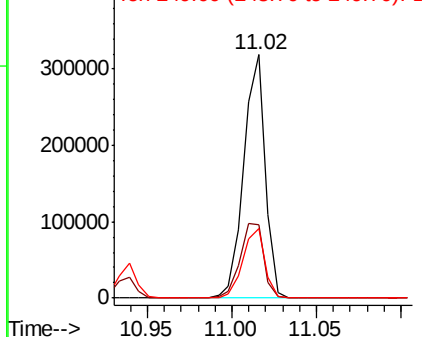


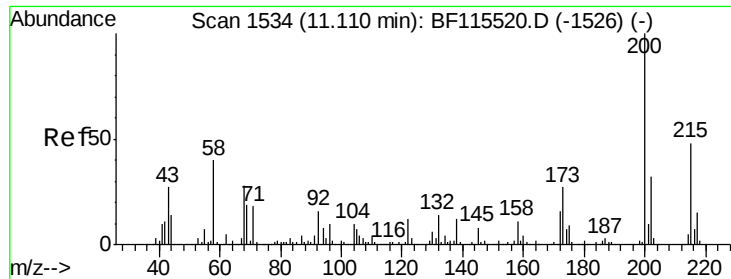
#68
 Hexachlorobenzene
 Concen: 38.576 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	26.4	39.6
249	28.6	23.8	35.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





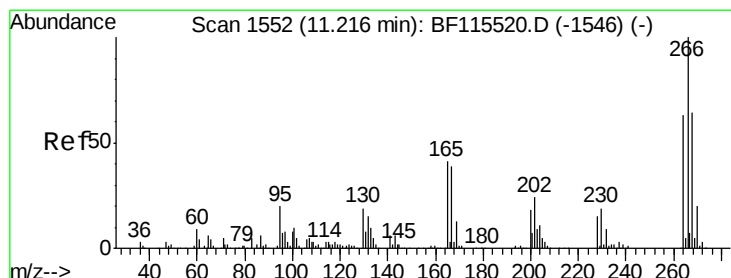
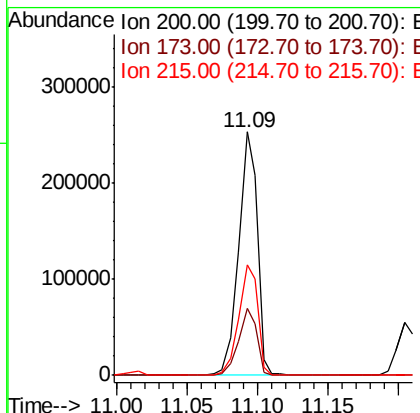
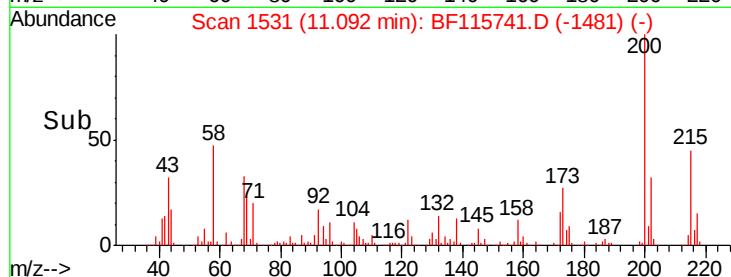
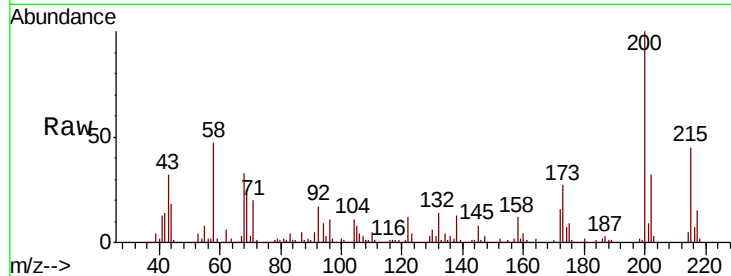
#69
 Atrazine
 Concen: 40.489 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	233289		
173	27.3	6.1	46.1	
215	45.4	28.8	68.8	

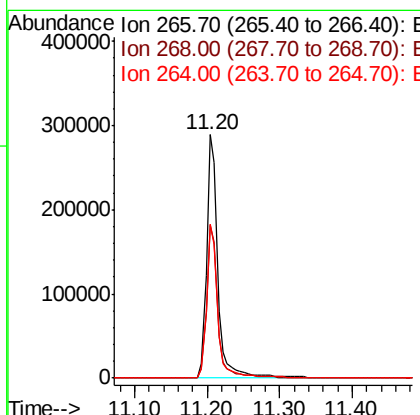
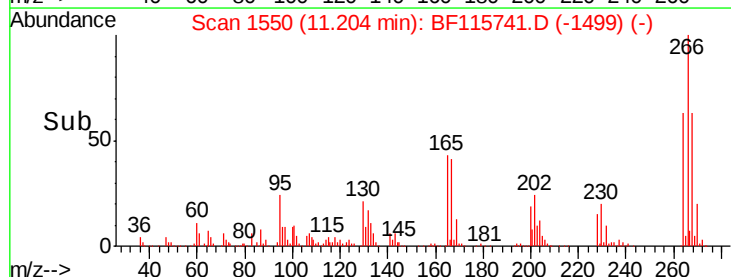
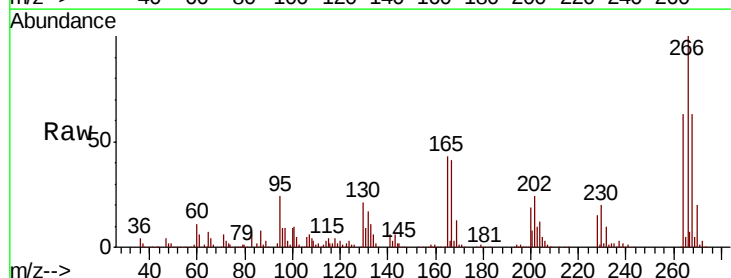
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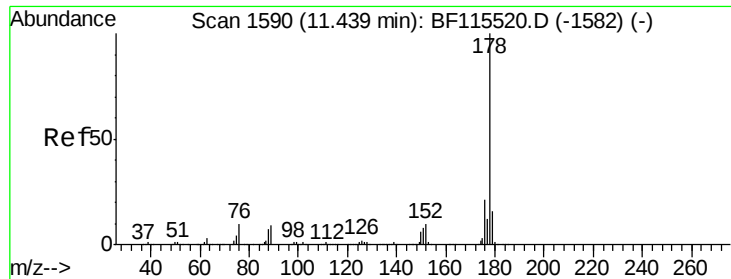
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#70
 Pentachlorophenol
 Concen: 69.833 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	314720		
268	62.9	50.8	76.2	
264	63.4	50.3	75.5	





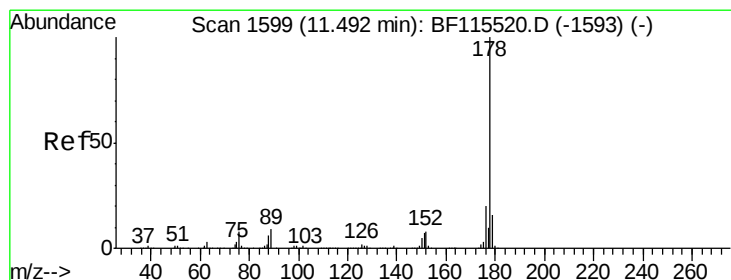
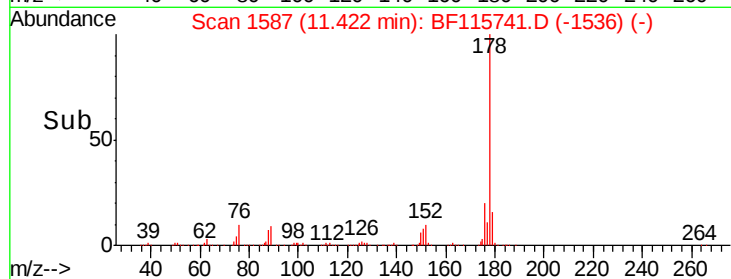
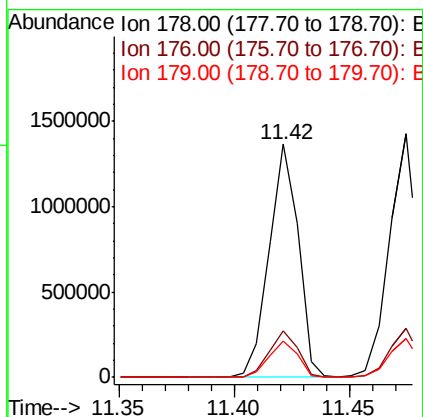
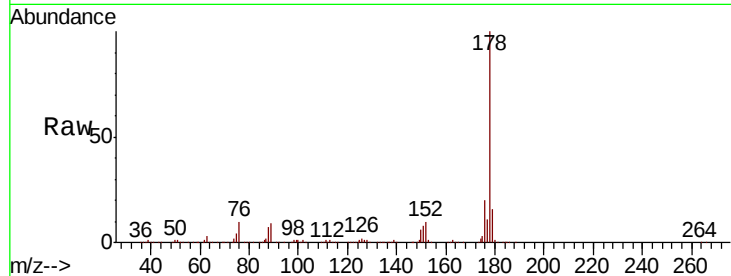
#71
Phenanthrene
Concen: 41.468 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion:178 Resp: 1200162
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.8 13.0 19.6

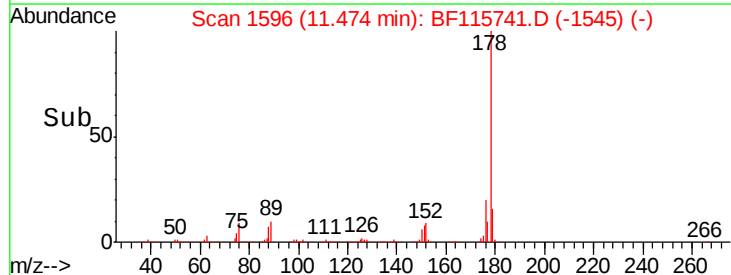
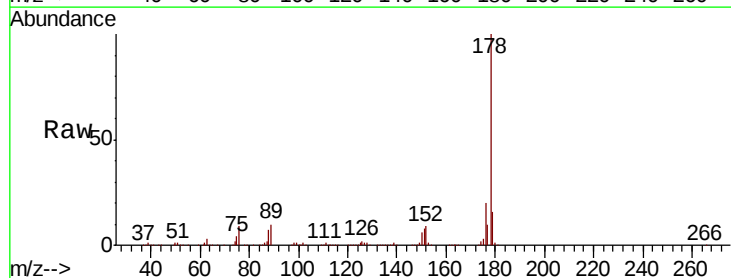
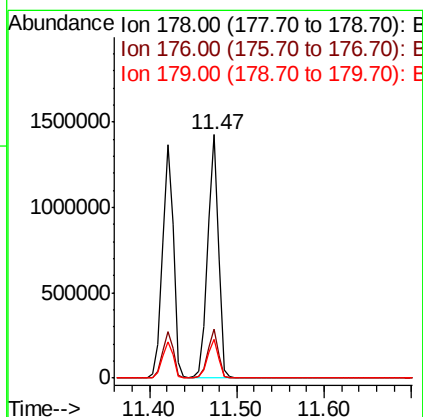
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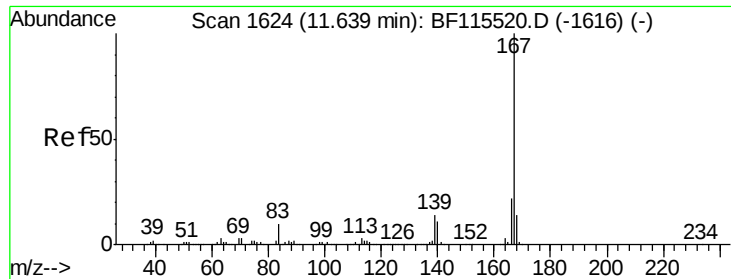
mohammad
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#72
Anthracene
Concen: 41.058 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion:178 Resp: 1228064
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.1 13.1 19.7





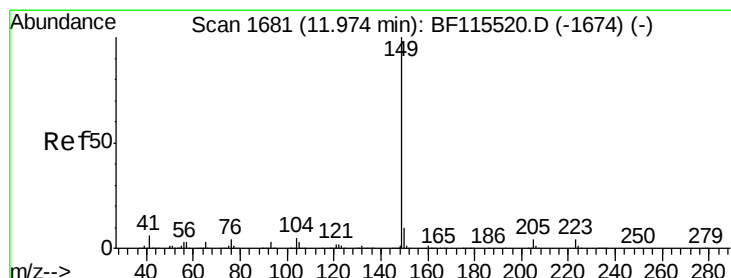
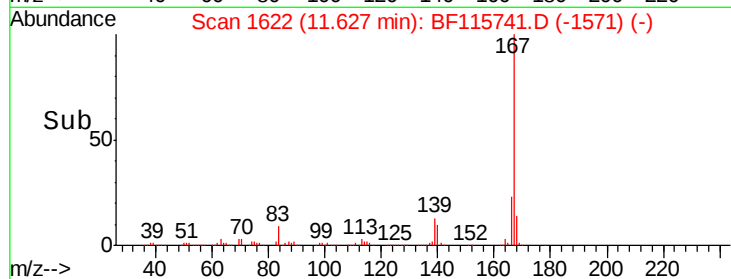
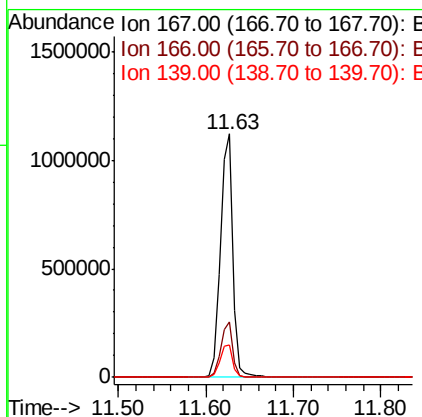
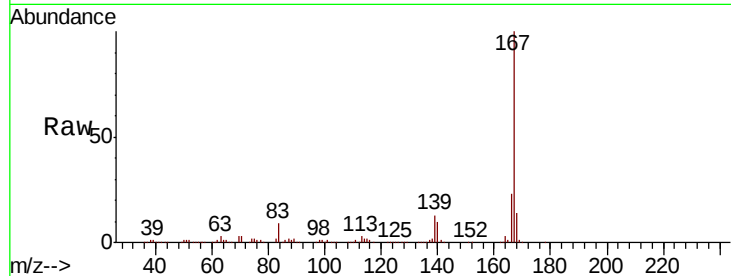
#73
 Carbazole
 Concen: 42.058 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampled :
 PB121641BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.5	27.7
139	13.3	11.1	16.7

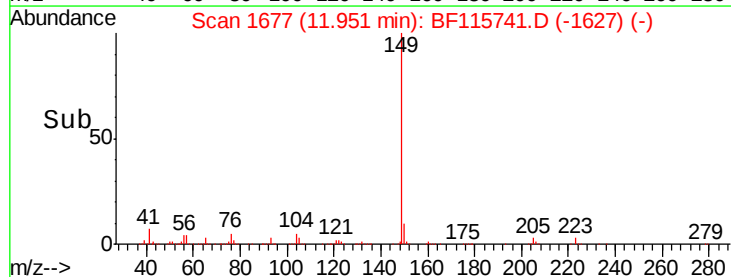
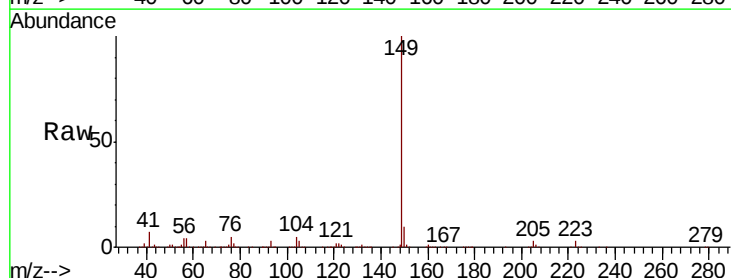
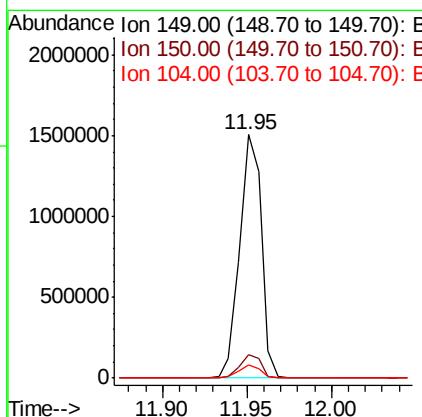
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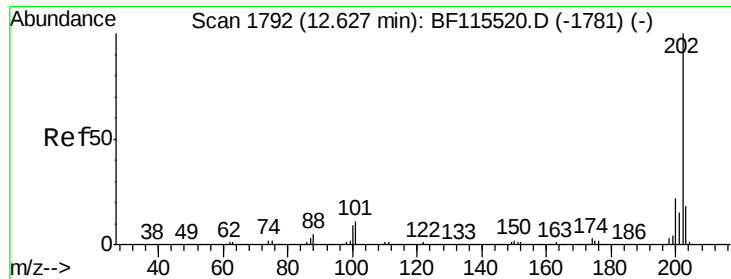
mohammad
 7/25/2019 2:17:20 PM



#74
 Di-n-butylphthalate
 Concen: 41.752 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	5.5	4.2	6.2





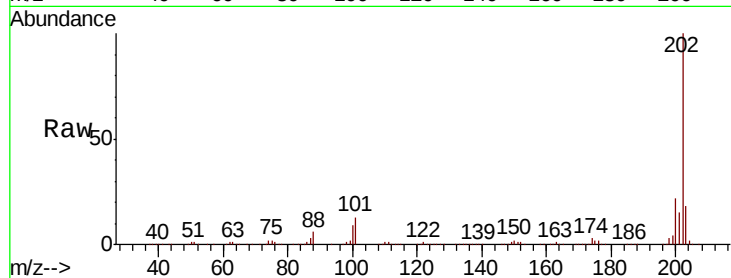
#75
Fluoranthene
Concen: 42.022 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

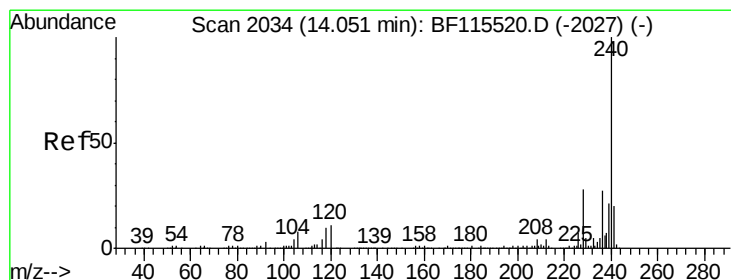
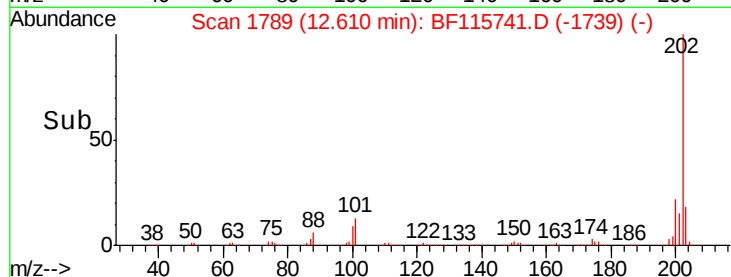
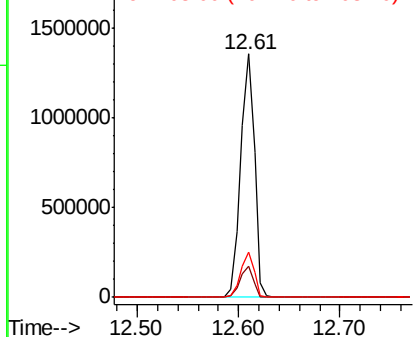
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.1
203	18.4	0.0	37.7

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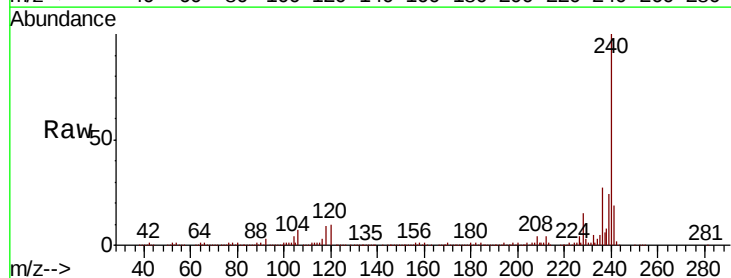


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

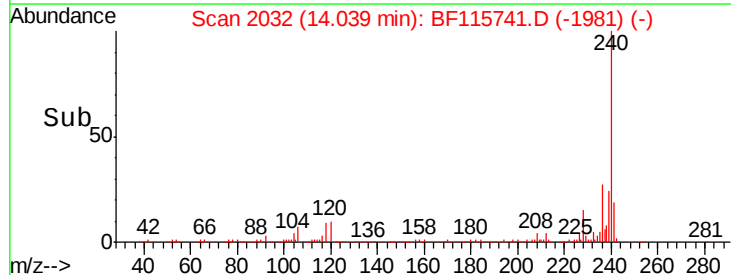
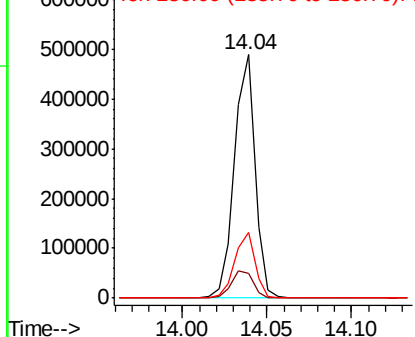


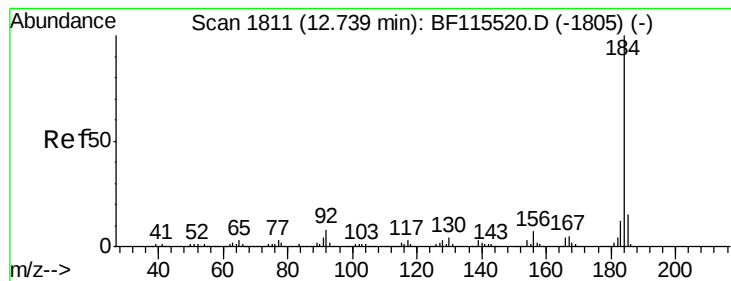
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.3	15.5#
236	26.9	21.9	32.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





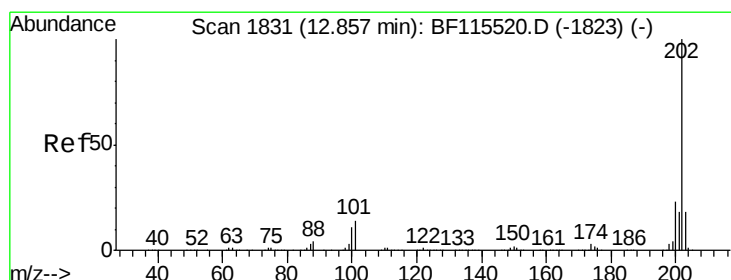
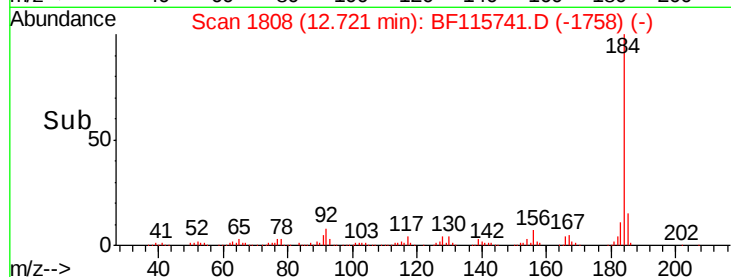
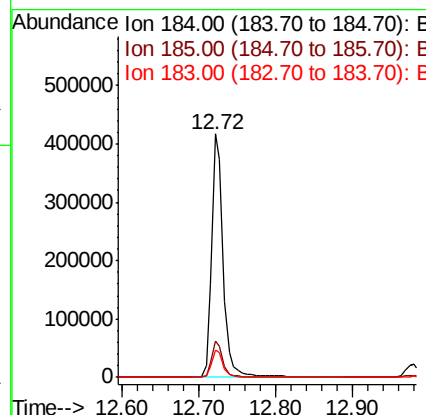
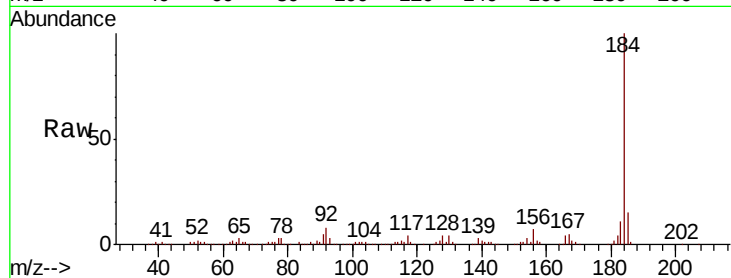
#77
Benzidine
Concen: 29.515 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.8	17.8
183	11.2	9.4	14.0

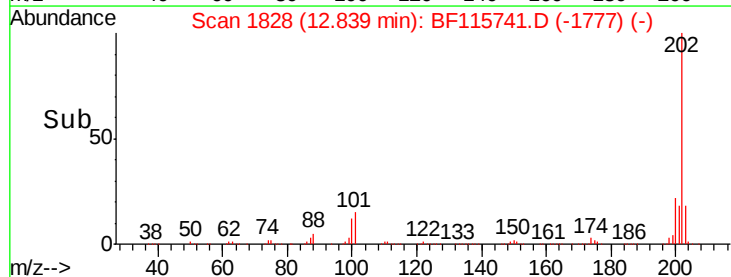
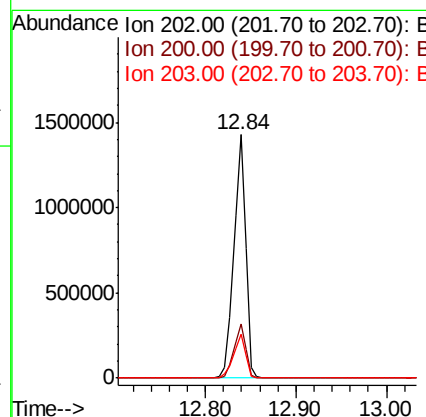
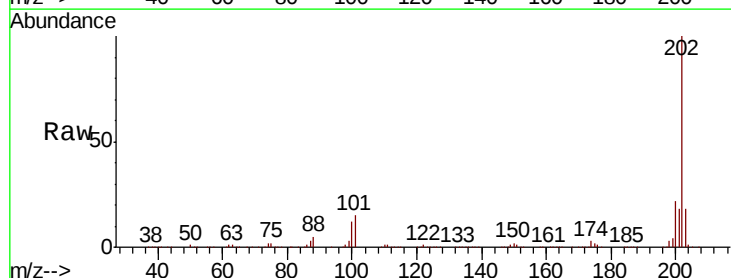
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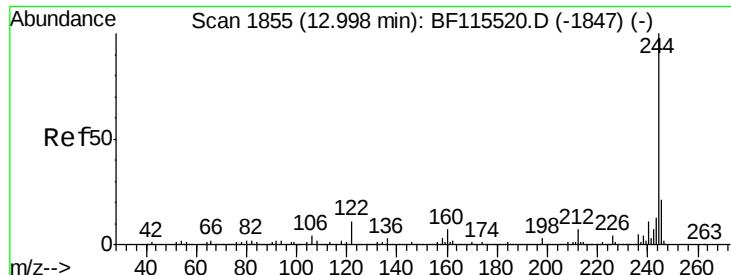
mohammad
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#78
Pyrene
Concen: 36.843 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.1	27.1
203	18.0	14.7	22.1





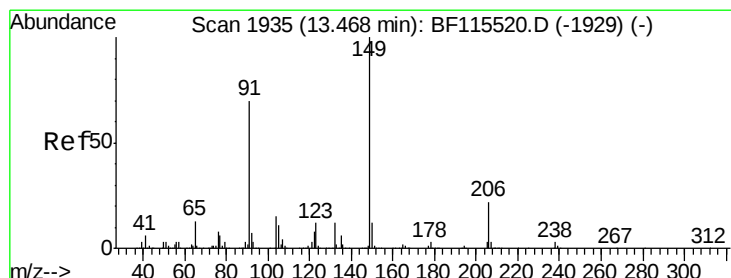
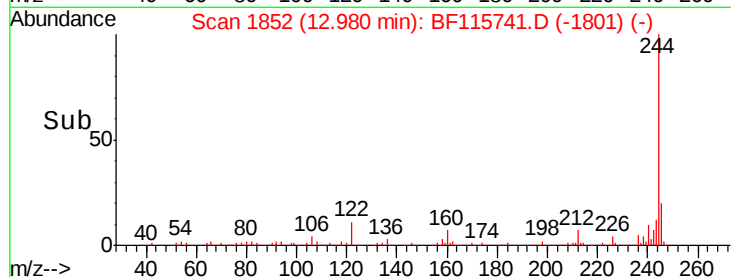
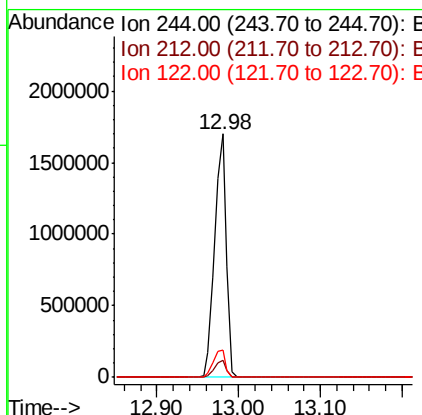
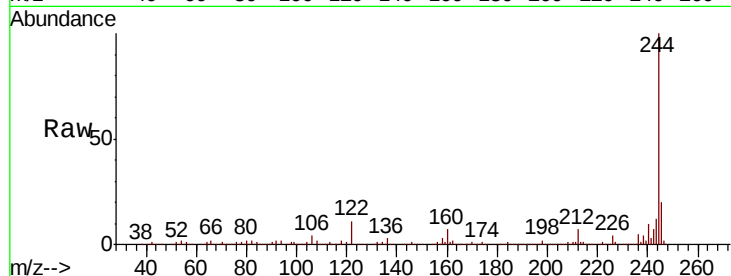
#79
 Terphenyl-d14
 Concen: 75.718 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BS

Tot Ion:244 Resp: 1698848
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.4 9.4 14.0

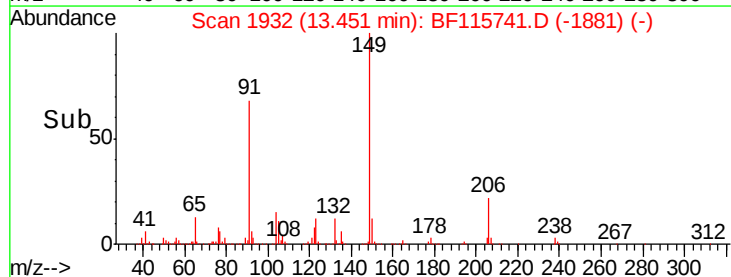
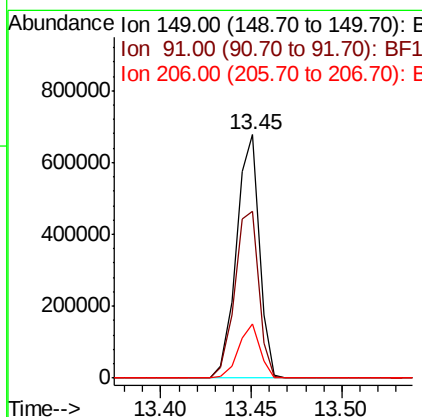
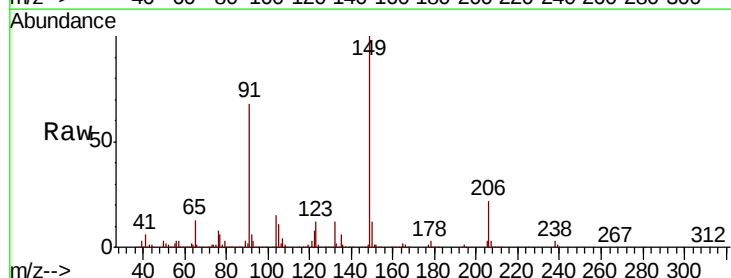
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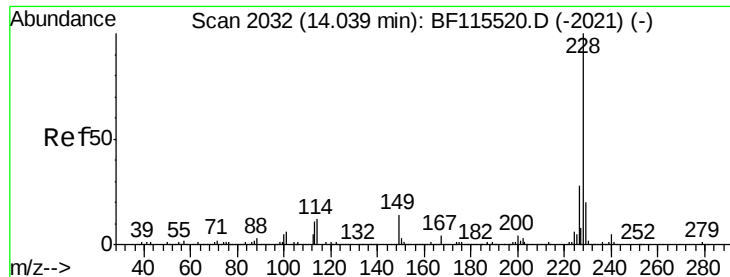
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.806 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BF115741.D
 Acq: 24 Jul 2019 9:24

Tgt Ion:149 Resp: 595200
 Ion Ratio Lower Upper
 149 100
 91 68.3 58.2 87.2
 206 22.2 16.9 25.3





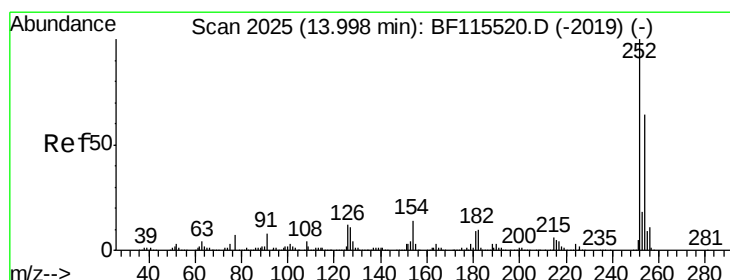
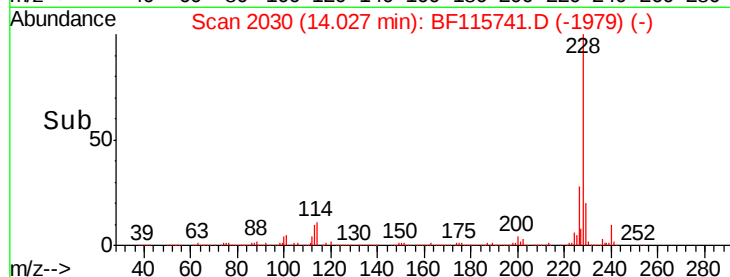
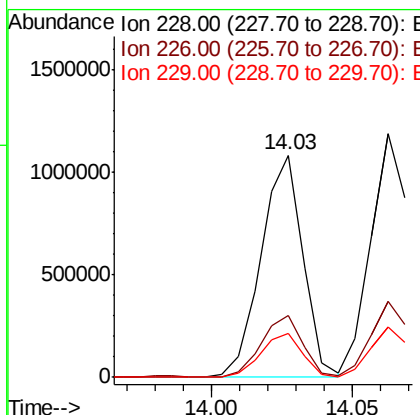
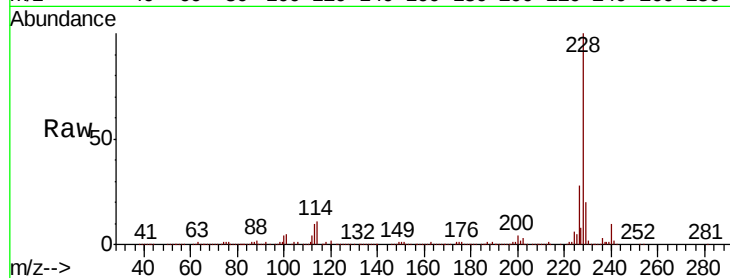
#81
Benzo(a)anthracene
Concen: 40.771 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.0	34.6
229	19.8	16.6	24.8

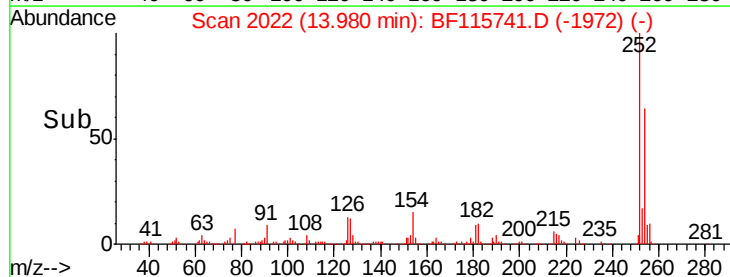
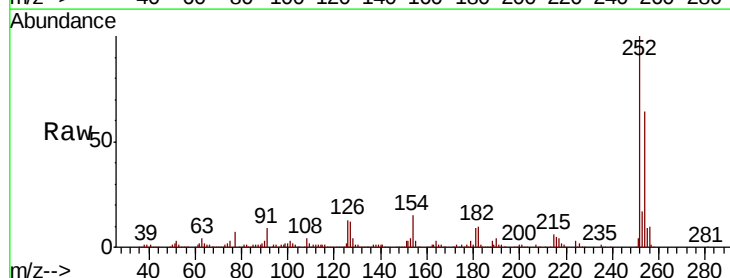
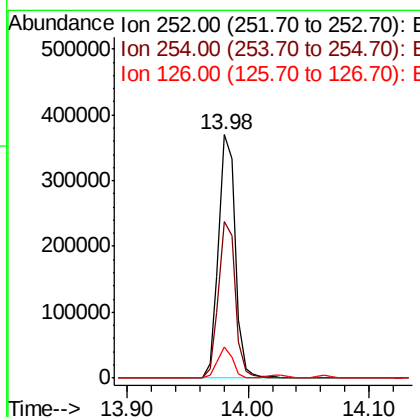
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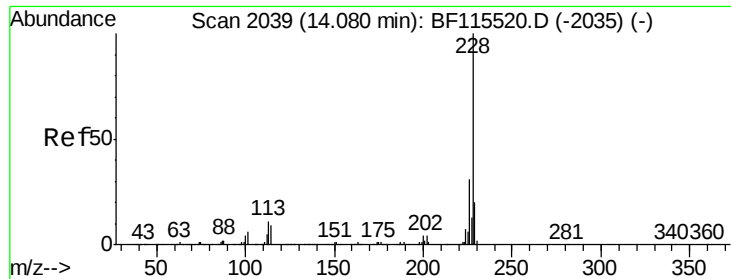
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 36.587 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.4	77.0
126	12.8	9.4	14.0





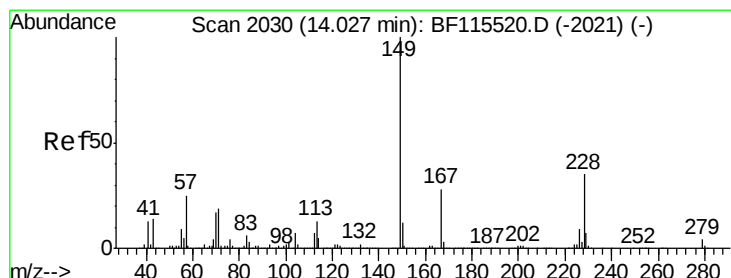
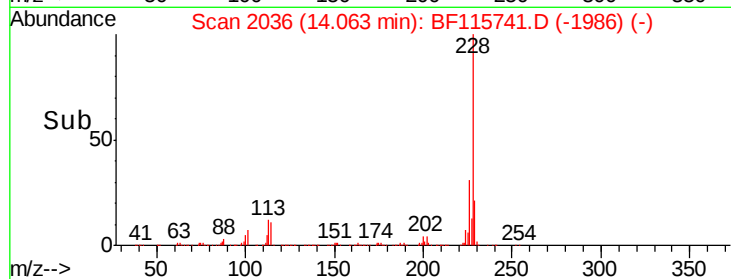
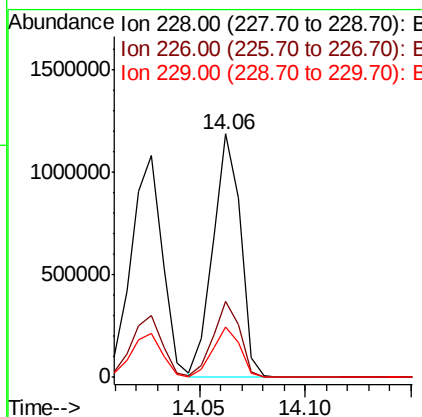
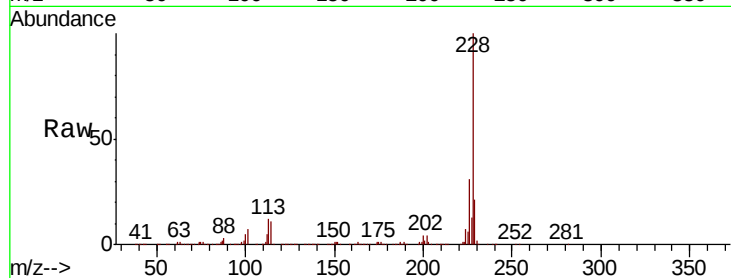
#83
Chrysene
Concen: 39.408 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	31.1	25.0	37.4	
229	20.8	16.5	24.7	

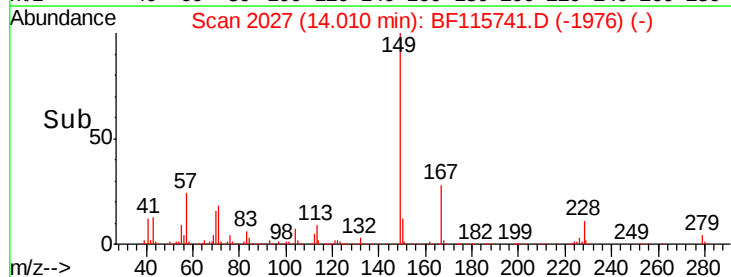
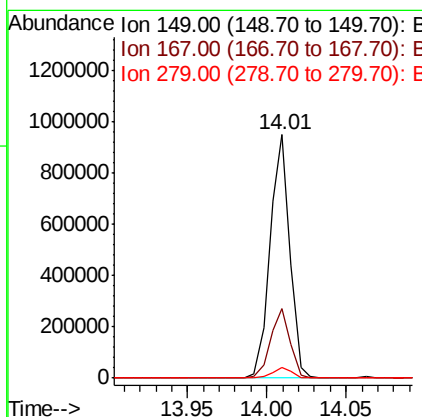
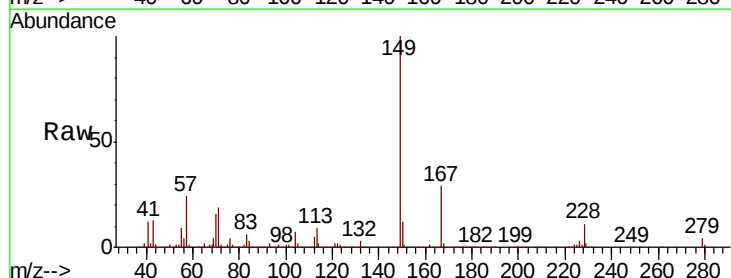
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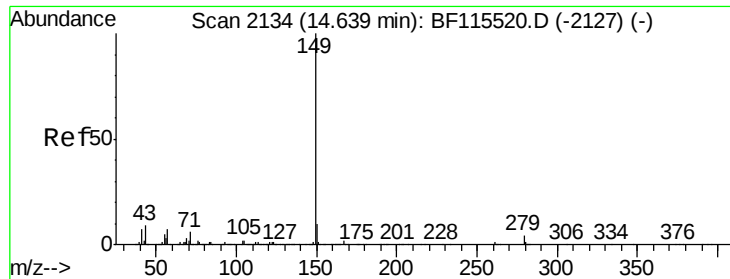
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.936 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	28.5	22.6	33.8	
279	4.4	3.2	4.8	





#85

Di-n-octyl phthalate

Concen: 46.487 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

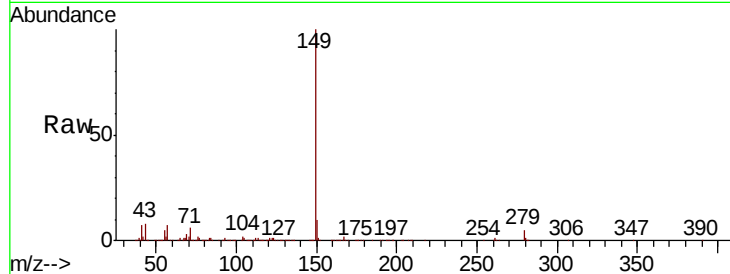
ClientSampleId :

PB121641BS

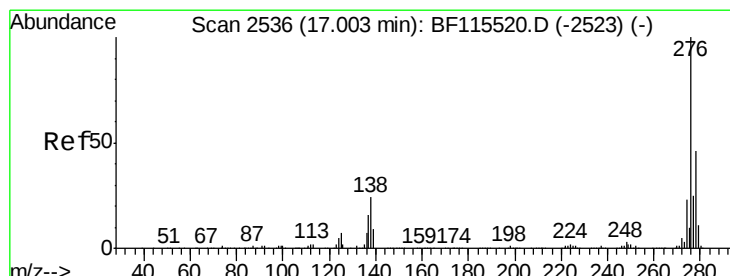
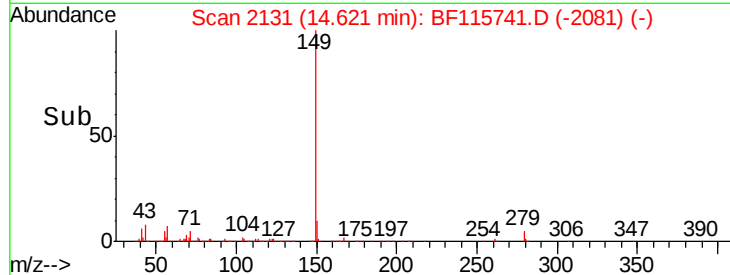
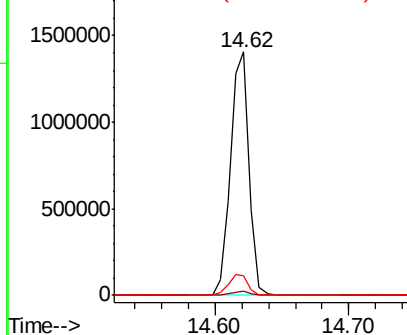
Tot Ion:	149	Resp:	1369932
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.7	7.4	11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.272 ng

RT: 16.99 min Scan# 2533

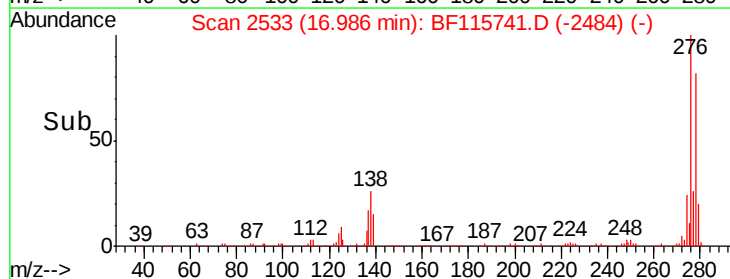
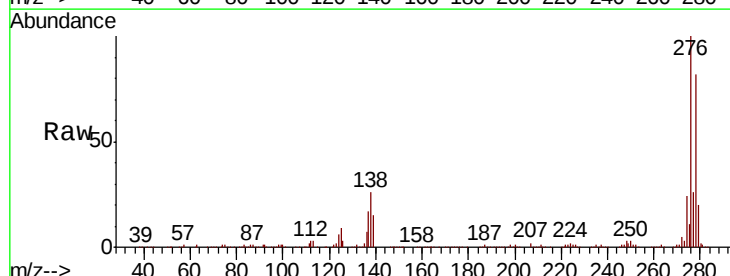
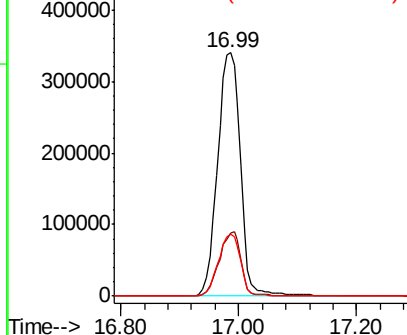
Delta R.T. -0.01 min

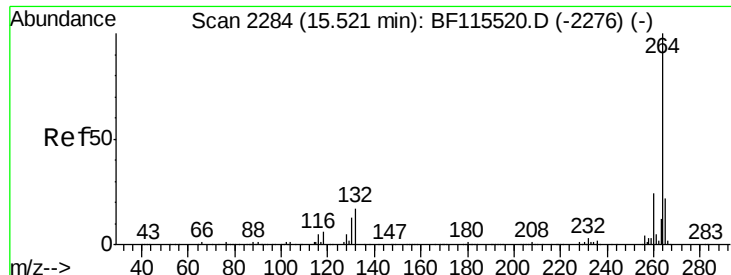
Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	276	Resp:	913498
Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.6	31.0
277	25.0	20.5	30.7

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





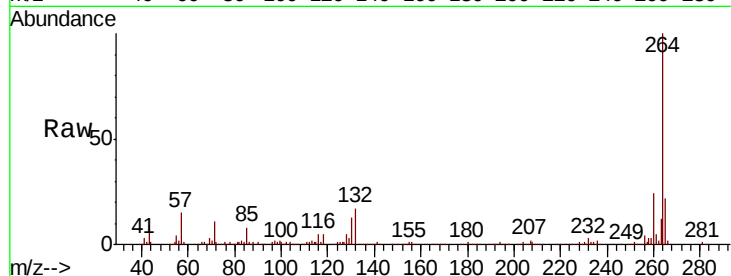
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.5	26.3

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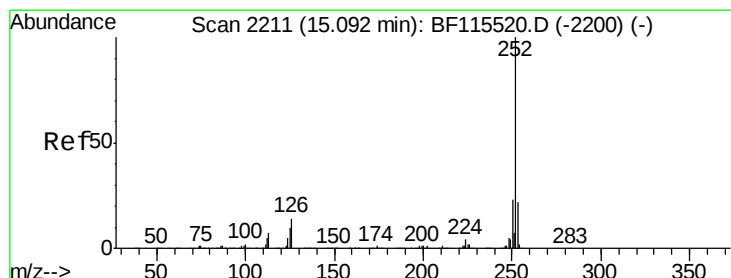
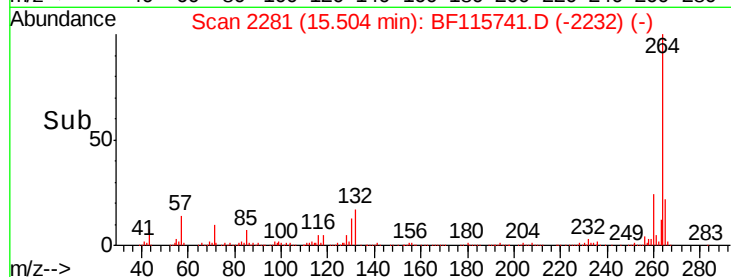
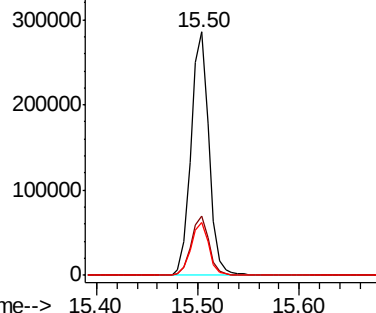


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 47.426 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

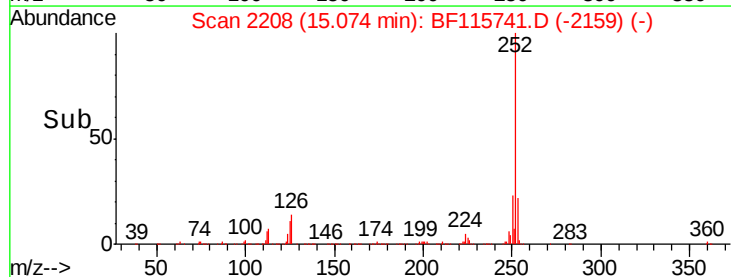
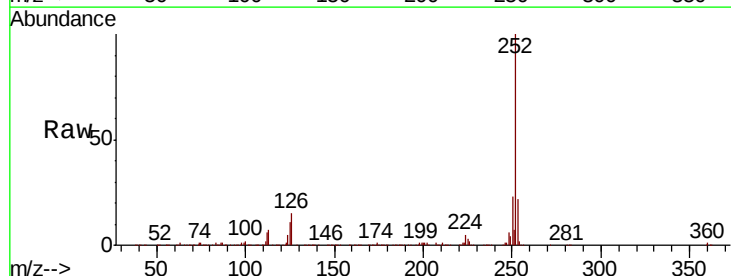
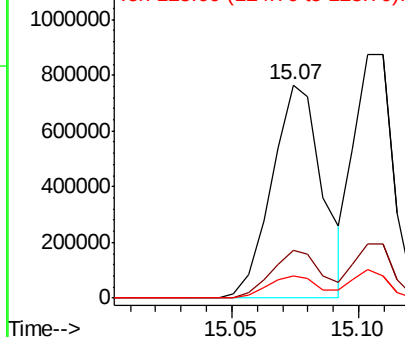
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.7	8.7	13.1

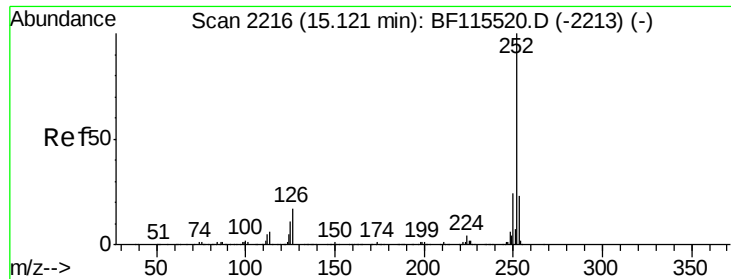
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.831 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Instrument :

BNA_F

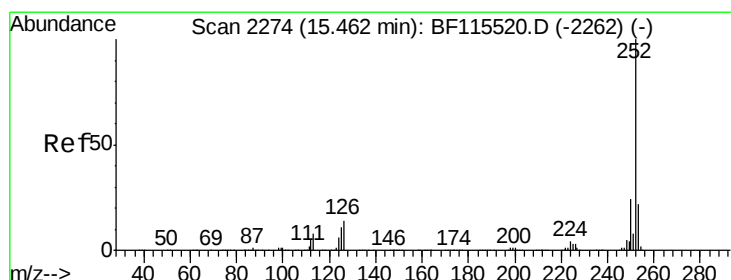
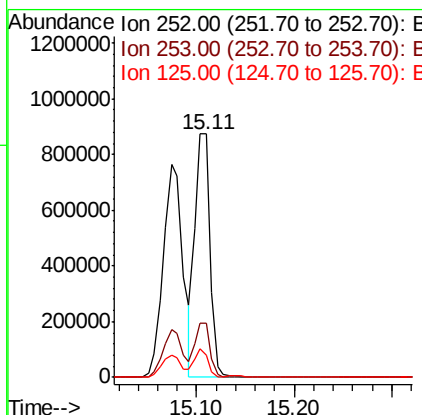
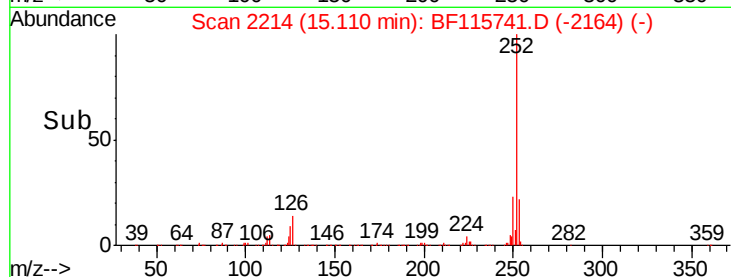
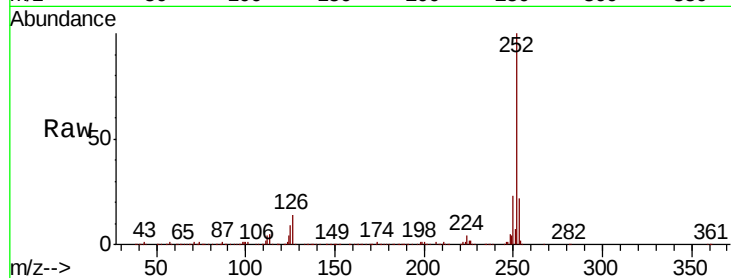
ClientSampleId :

PB121641BS

Tot Ion:	252	Resp:	938901
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	9.1	8.9	13.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 47.787 ng

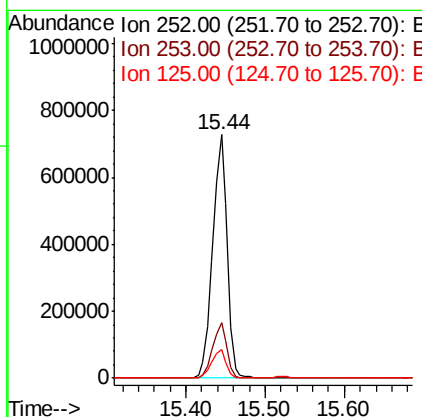
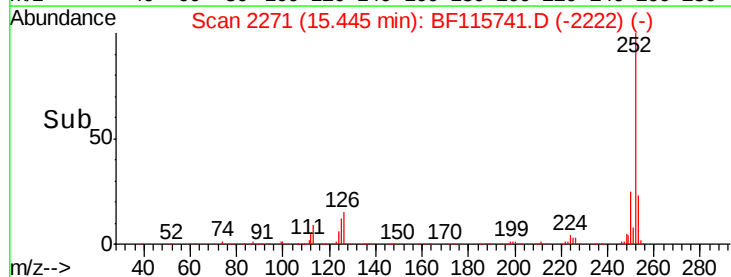
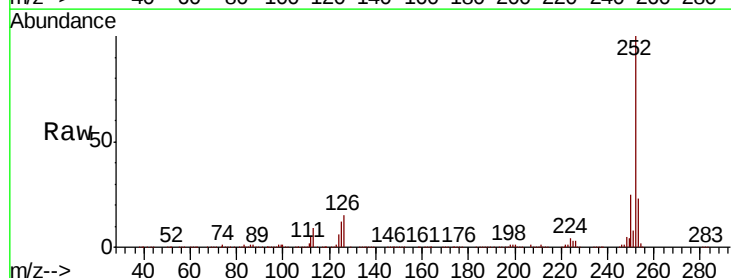
RT: 15.44 min Scan# 2271

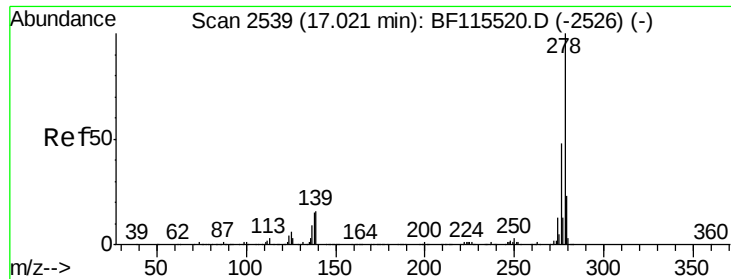
Delta R.T. -0.01 min

Lab File: BF115741.D

Acq: 24 Jul 2019 9:24

Tgt Ion:	252	Resp:	923599
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	11.7	9.4	14.2





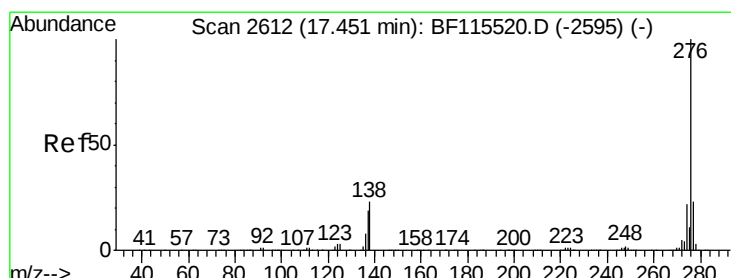
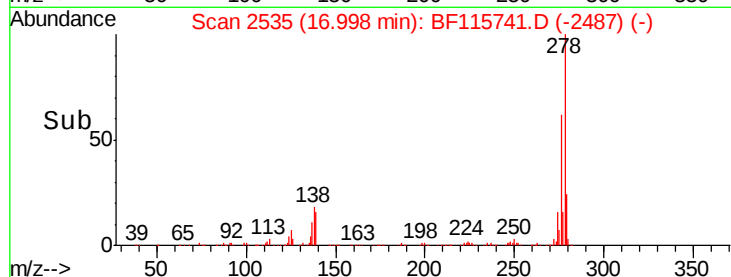
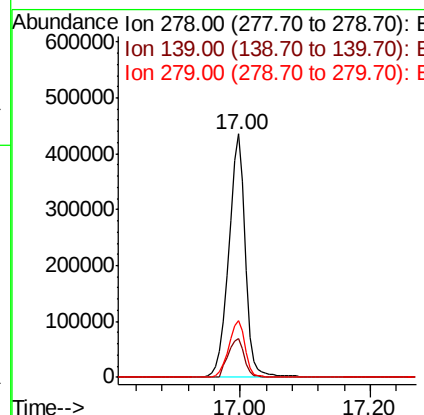
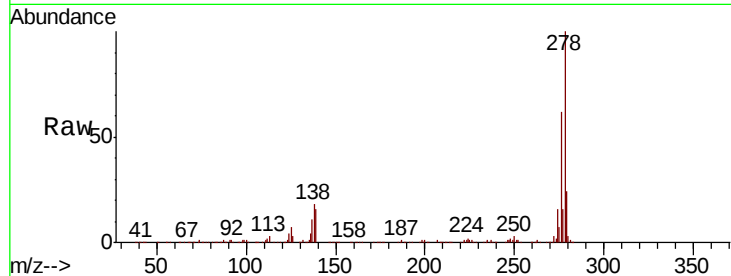
#91
Dibenzo(a,h)anthracene
Concen: 45.231 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Instrument :
BNA_F
ClientSampleId :
PB121641BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.6
279	23.6	18.6	28.0

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 43.233 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF115741.D
Acq: 24 Jul 2019 9:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.3	28.9
138	21.8	17.8	26.8

