

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115748.D
 Acq On : 24 Jul 2019 14:14
 Operator : HP/JU
 Sample : PB121678BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121678BSD

Manual Integrations
 APPROVED

mohammad
 7/25/2019 2:17:30 PM

Quant Time: Jul 24 16:57:26 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	162066	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	663636	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	336507	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	626697	20.00	ng	0.00
76) Chrysene-d12	14.04	240	442615	20.00	ng	0.00
87) Perylene-d12	15.50	264	374029	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	803795	81.13	ng	0.00
7) Phenol-d6	6.50	99	1024769	81.51	ng	0.00
23) Nitrobenzene-d5	7.43	82	954561	83.64	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	302569	77.03	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1745804	90.80	ng	0.00
79) Terphenyl-d14	12.98	244	1837163	76.59	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.77	88	185032	37.439	ng	97
3) Pyridine	3.51	79	465893	34.745	ng	98
4) n-Nitrosodimethylamine	3.46	42	203812	41.898	ng	96
6) Aniline	6.53	93	474438	27.117	ng	98
8) 2-Chlorophenol	6.66	128	460456	40.421	ng	98
9) Benzaldehyde	6.42	77	184212	23.447	ng	98
10) Phenol	6.52	94	589393	40.385	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	441135	39.701	ng	98
12) 1,3-Dichlorobenzene	6.82	146	485562	37.912	ng	98
13) 1,4-Dichlorobenzene	6.89	146	492305	38.525	ng	98
14) 1,2-Dichlorobenzene	7.05	146	457135	39.133	ng	99
15) Benzyl Alcohol	7.02	79	387537	38.858	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	593204	40.551	ng	99
17) 2-Methylphenol	7.13	107	404766	41.231	ng	99
18) Hexachloroethane	7.39	117	182948	38.571	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	322153	39.290	ng	98
20) 3+4-Methylphenols	7.28	107	469697	40.280	ng	91
22) Acetophenone	7.28	105	627454	41.851	ng	96
24) Nitrobenzene	7.45	77	511295	41.535	ng	98
25) Isophorone	7.69	82	940352	41.175	ng	98
26) 2-Nitrophenol	7.77	139	261137	41.213	ng	94
27) 2,4-Dimethylphenol	7.80	122	438878	46.293	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	582210	41.555	ng	99
29) 2,4-Dichlorophenol	8.02	162	417460	42.340	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	431778	38.742	ng	99
31) Naphthalene	8.17	128	1347246	41.918	ng	100
32) Benzoic acid	7.94	122	278394	35.782	ng	97
33) 4-Chloroaniline	8.22	127	364262	25.587	ng	98
34) Hexachlorobutadiene	8.30	225	247031	38.652	ng	98
35) Caprolactam	8.59	113	123431m	40.512	ng	
36) 4-Chloro-3-methylphenol	8.71	107	428734	41.920	ng	98
37) 2-Methylnaphthalene	8.87	142	914710	42.935	ng	98
38) 1-Methylnaphthalene	8.97	142	849862	41.997	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	408643	40.326	ng	99

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	362684	62.743	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	288834	38.976	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	301614	39.743	nq	96
46) 1,1'-Biphenyl	9.33	154	1110123	42.198	nq	99
47) 2-Chloronaphthalene	9.36	162	878106	40.087	nq	99
48) 2-Nitroaniline	9.45	65	270498	39.897	nq	98
49) Acenaphthylene	9.77	152	1328299	40.923	nq	100
50) Dimethylphthalate	9.63	163	1026129	40.530	nq	99
51) 2,6-Dinitrotoluene	9.69	165	230006	39.976	nq	90
52) Acenaphthene	9.95	154	807354	38.527	nq	100
53) 3-Nitroaniline	9.86	138	168456	25.621	nq	93
54) 2,4-Dinitrophenol	9.97	184	228231	77.261	nq	98
55) Dibenzofuran	10.12	168	1189976	39.987	nq	97
56) 4-Nitrophenol	10.03	139	346373	69.084	nq	91
57) 2,4-Dinitrotoluene	10.10	165	302595	40.594	nq	# 85
58) Fluorene	10.46	166	884870	41.593	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	256133	40.373	nq	99
60) Diethylphthalate	10.33	149	981698	41.384	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	454222	38.500	nq	97
62) 4-Nitroaniline	10.47	138	235138	37.283	nq	98
63) Azobenzene	10.61	77	997554	43.355	nq	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	155151	40.521	nq	90
66) n-Nitrosodiphenylamine	10.57	169	815427	41.829	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	284968	39.791	nq	98
68) Hexachlorobenzene	11.02	284	316866	38.743	nq	98
69) Atrazine	11.10	200	258665	40.447	nq	99
70) Pentachlorophenol	11.21	266	348937	69.756	nq	98
71) Phenanthrene	11.42	178	1310391	40.792	nq	99
72) Anthracene	11.47	178	1341172	40.398	nq	100
73) Carbazole	11.63	167	1201347	41.265	nq	99
74) Di-n-butylphthalate	11.96	149	1501370	41.867	nq	100
75) Fluoranthene	12.61	202	1368162	40.304	nq	97
77) Benzidine	12.72	184	453593	28.929	nq	100
78) Pyrene	12.84	202	1387870	37.010	nq	100
80) Butylbenzylphthalate	13.45	149	637779	39.896	nq	99
81) Benzo(a)anthracene	14.03	228	1168844	40.084	nq	99
82) 3,3'-Dichlorobenzidine	13.99	252	359404	34.671	nq	98
83) Chrysene	14.06	228	1146694	39.173	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	891632	45.028	nq	100
85) Di-n-octyl phthalate	14.62	149	1486233	47.173	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	988032	39.729	nq	99
88) Benzo(b)fluoranthene	15.08	252	1129600	46.902	nq	99
89) Benzo(k)fluoranthene	15.11	252	1003406	46.730	nq	98
90) Benzo(a)pyrene	15.44	252	984833	47.576	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	829398	45.639	nq	98
92) Benzo(g,h,i)perylene	17.43	276	767032	42.321	nq	99

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

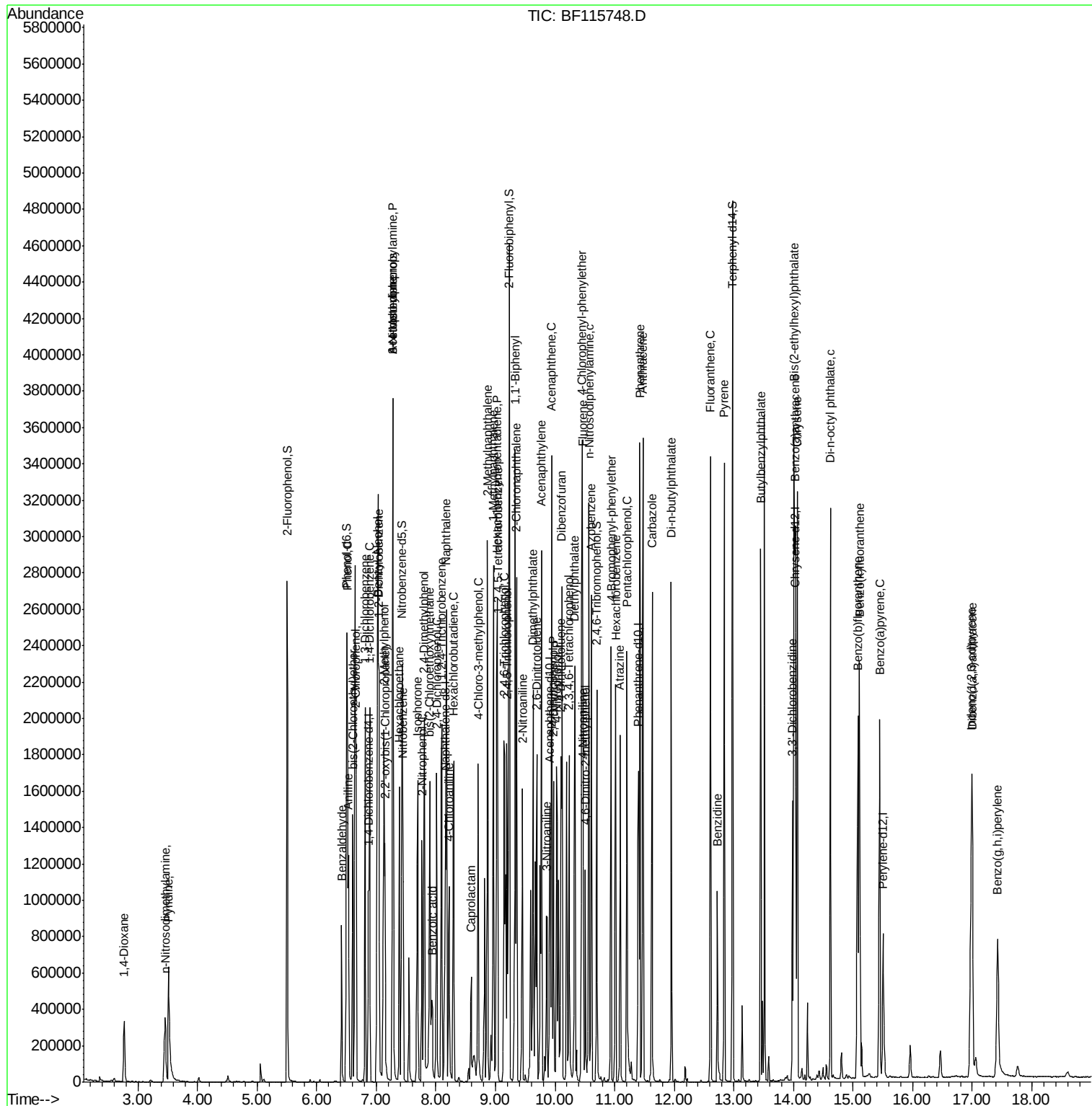
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115748.D
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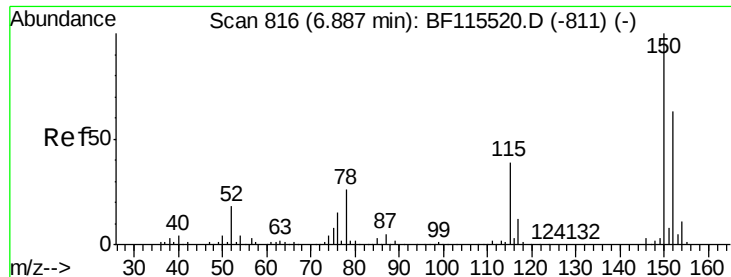
Instrument :
BNA_F
ClientSampled :
PB121678BSD

Manual Integrations
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#1

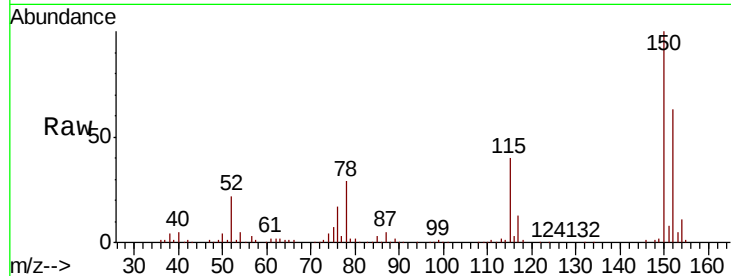
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	122.8	184.2
115	63.7	48.2	72.2

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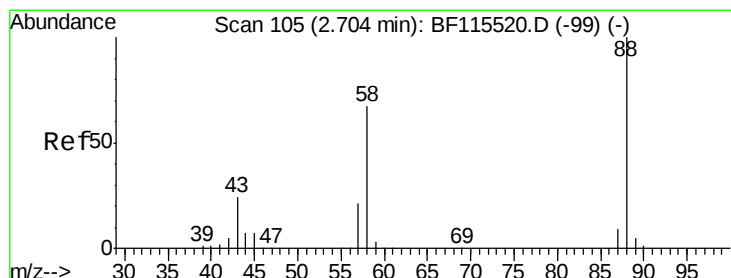
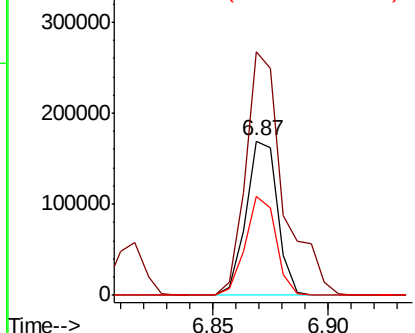
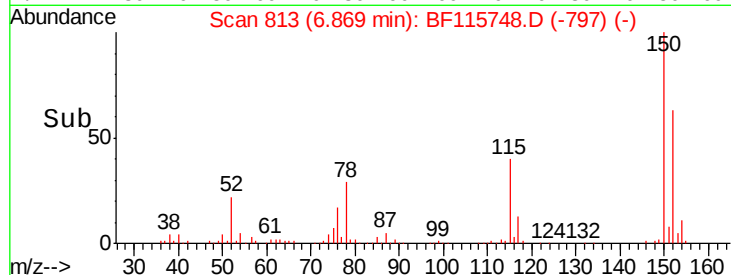


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

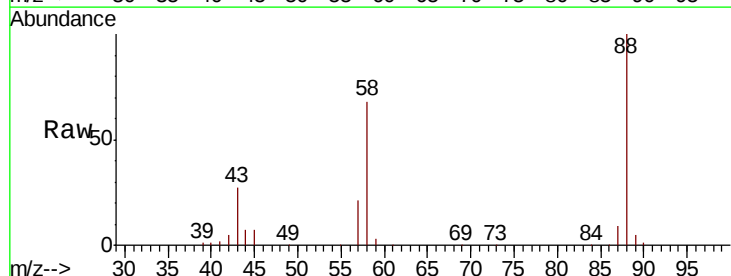
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.439 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.12 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	53.8	80.6
43	26.6	20.5	30.7

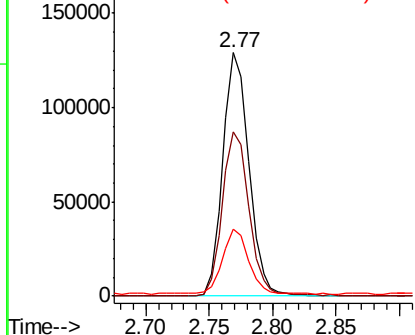
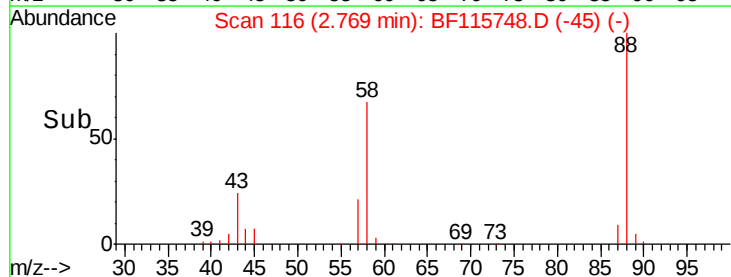


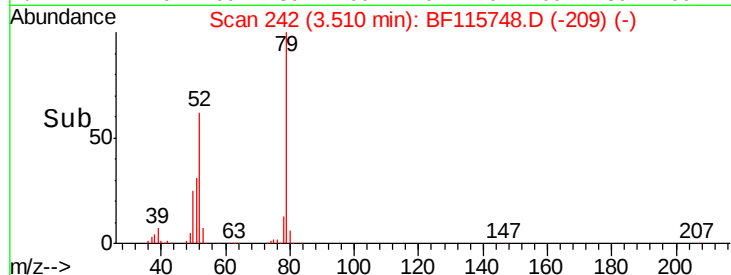
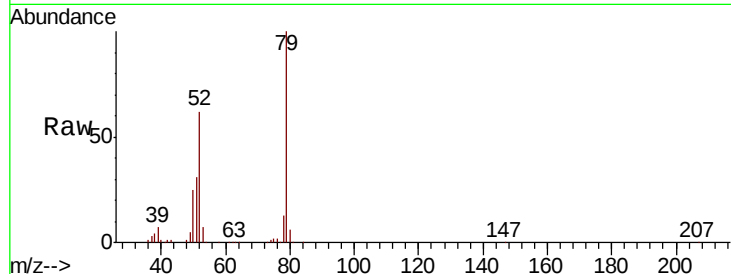
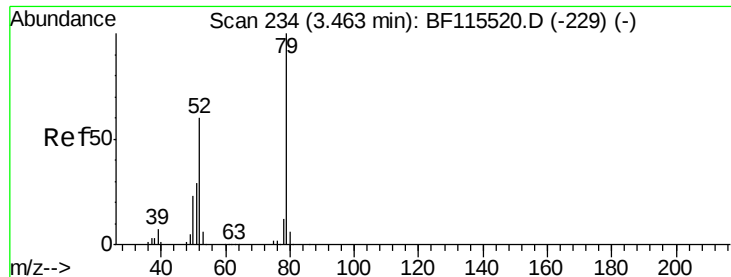
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





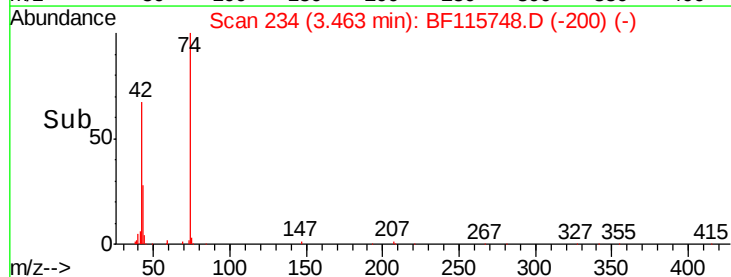
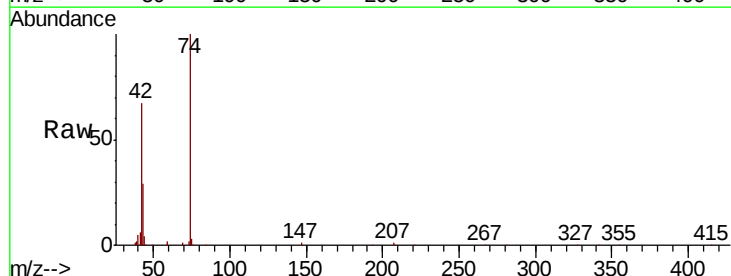
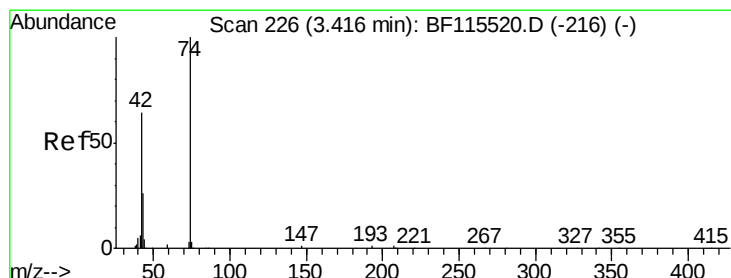
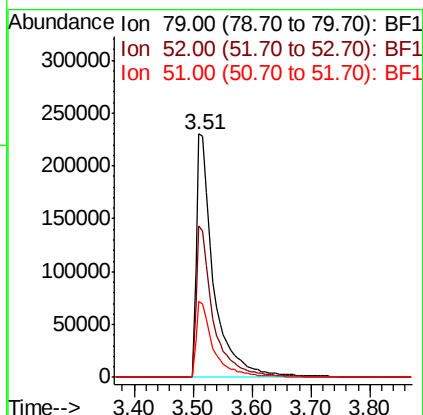
#3
Pvridine
Concen: 34.745 ng
RT: 3.51 min Scan# 242
Delta R.T. 0.09 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.2	47.9	71.9
51	31.1	24.4	36.6

Instrument :
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ClientSampleId :
PB121678BSD

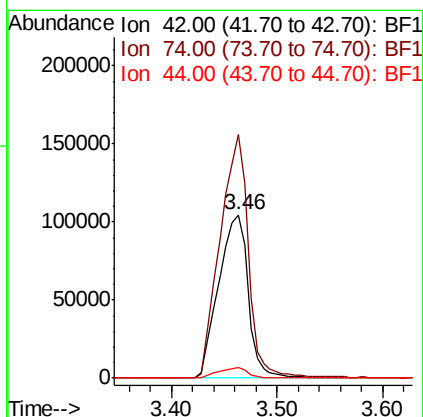
Manual Integrations
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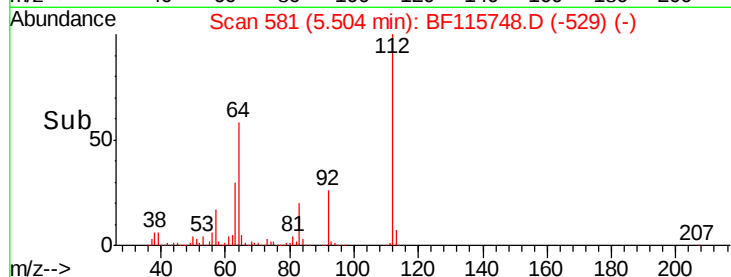
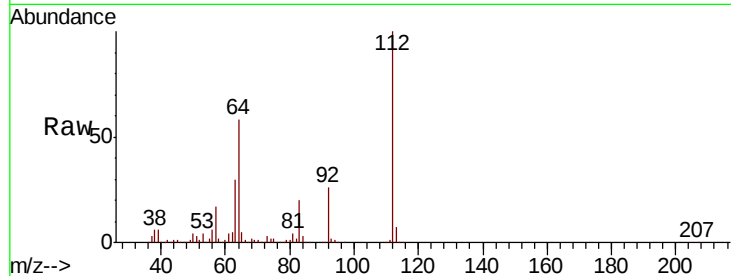
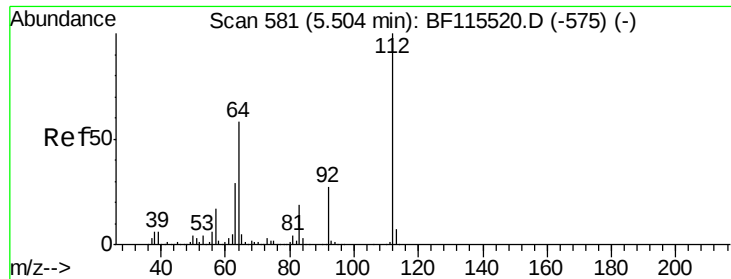
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#4
n-Nitrosodimethylamine
Concen: 41.898 ng
RT: 3.46 min Scan# 234
Delta R.T. 0.10 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.2	115.5	173.3
44	6.6	5.0	7.4





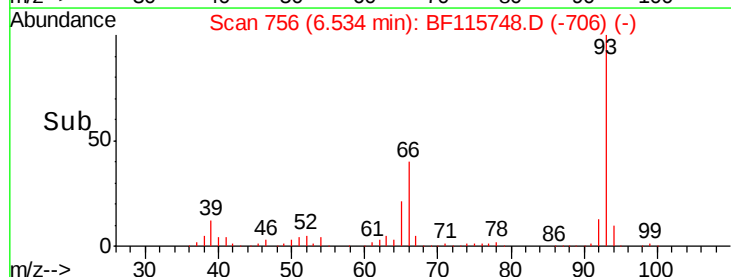
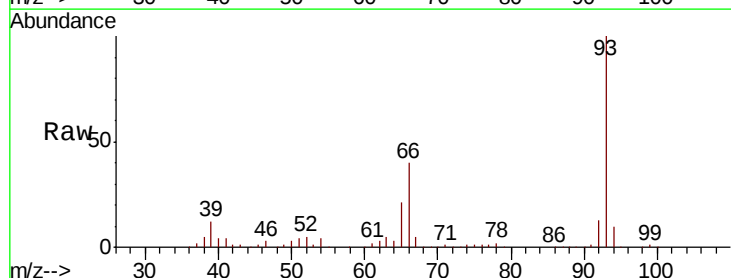
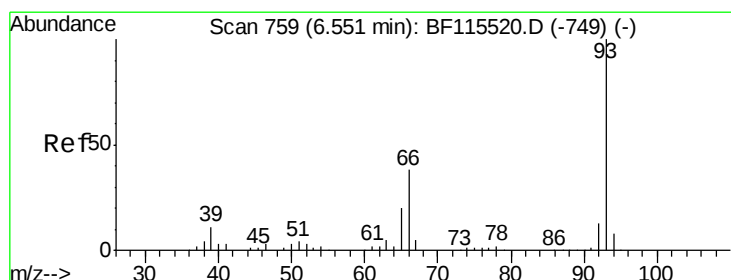
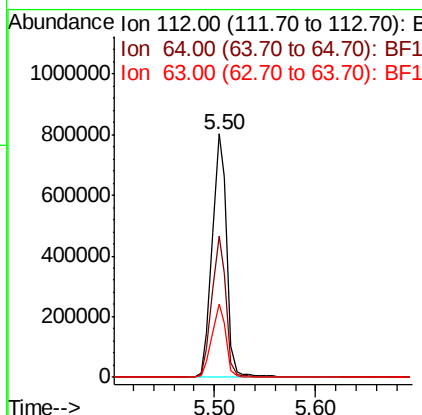
#5
2-Fluorophenol
Concen: 81.126 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tot Ion	Ratio	Resp	Lower	Upper
112	100	803795		
64	58.2		43.8	65.8
63	30.0		22.5	33.7

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

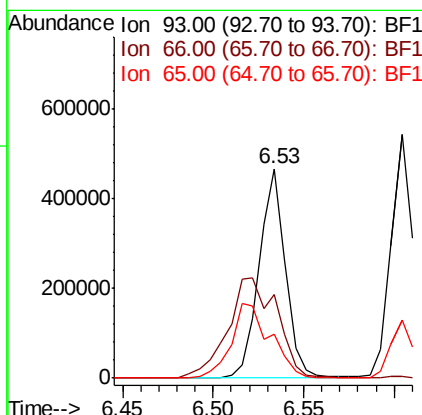
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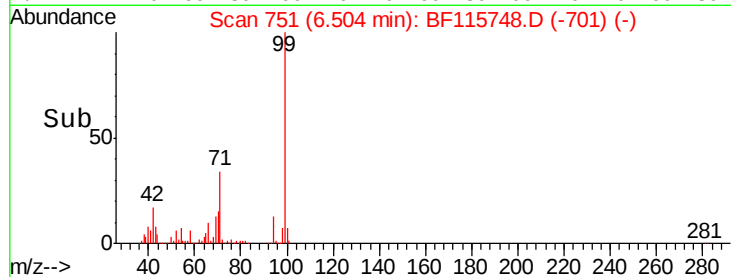
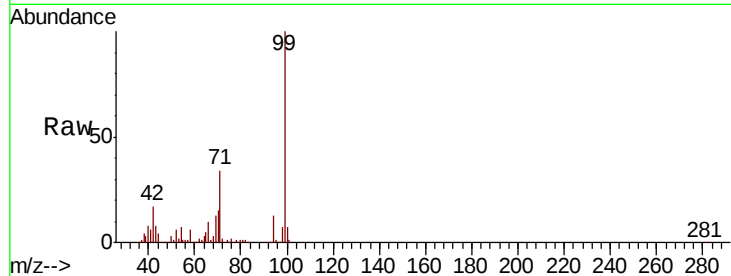
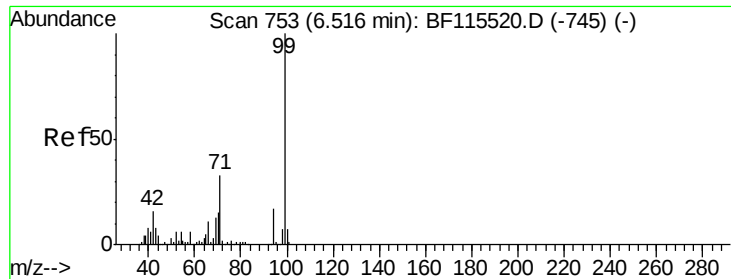
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#6
Aniline
Concen: 27.117 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	474438		
66	39.6		30.9	46.3
65	20.7		15.8	23.8





#7

Phenol-d6

Concen: 81.511 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tot Ion: 99 Resp: 1024769

Ion Ratio Lower Upper

99 100

42 16.9 13.0 19.4

71 33.6 25.9 38.9

Instrument :

BNA_F

ClientSampled :

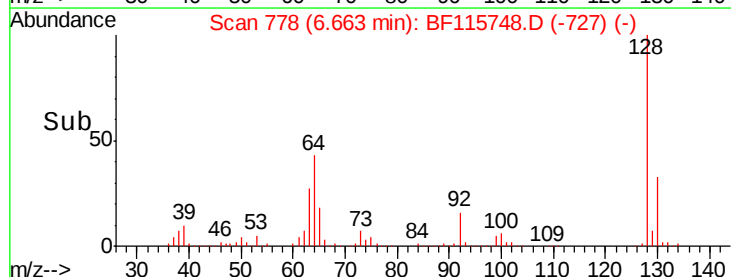
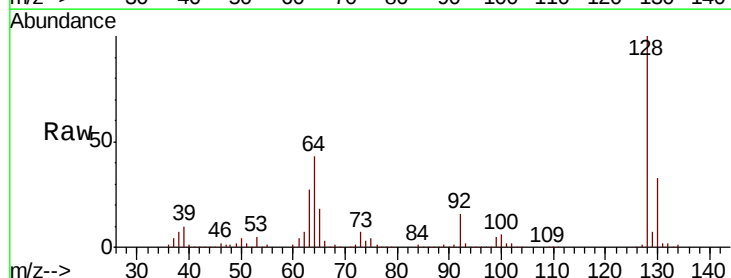
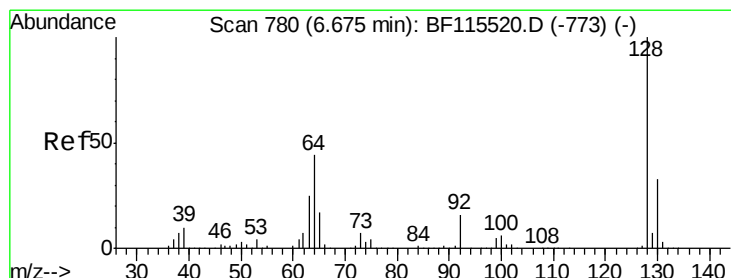
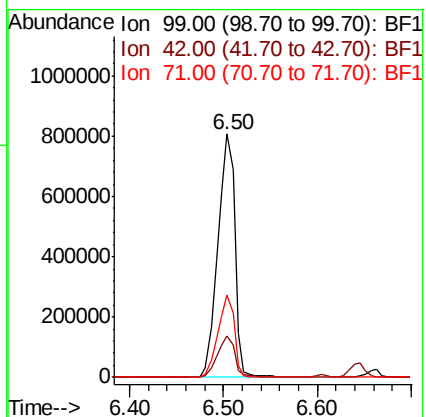
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#8

2-Chlorophenol

Concen: 40.421 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

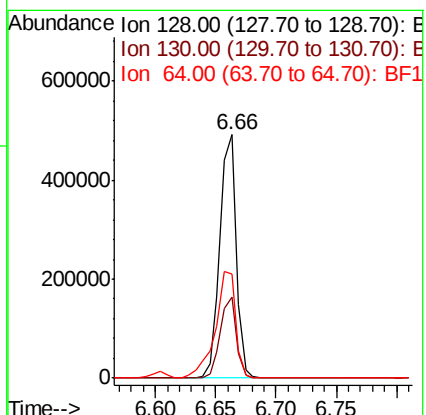
Tgt Ion: 128 Resp: 460456

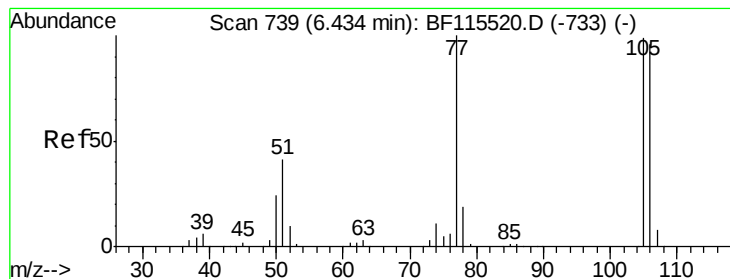
Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

64 42.8 24.4 64.4





#9

Benzaldehyde

Concen: 23.447 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

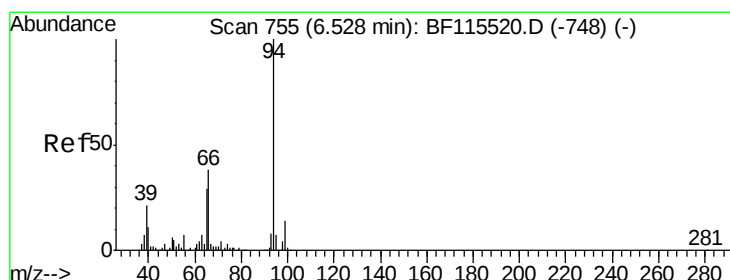
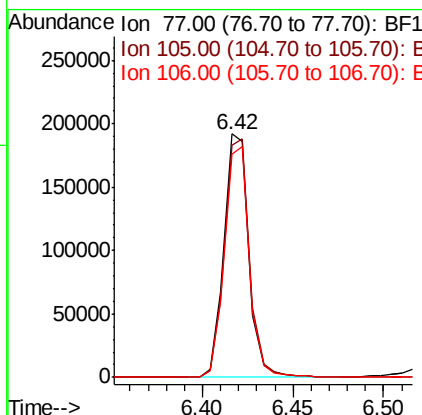
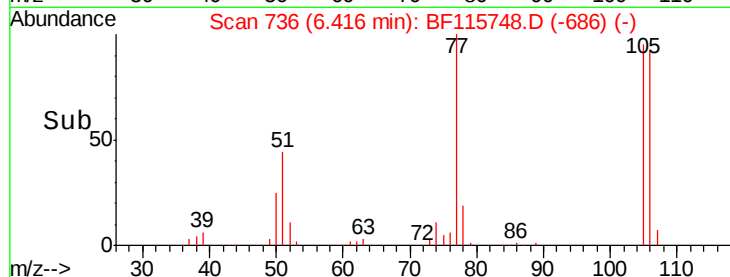
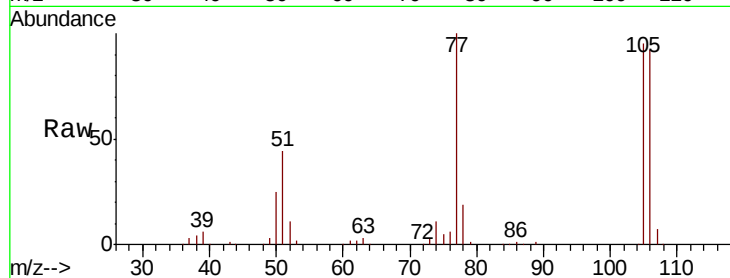
ClientSampleID :

PB121678BSD

Tot Ion:	77	Resp:	184212
Ion	Ratio	Lower	Upper
77	100		
105	95.1	77.6	117.6
106	91.7	73.9	113.9

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#10

Phenol

Concen: 40.385 ng

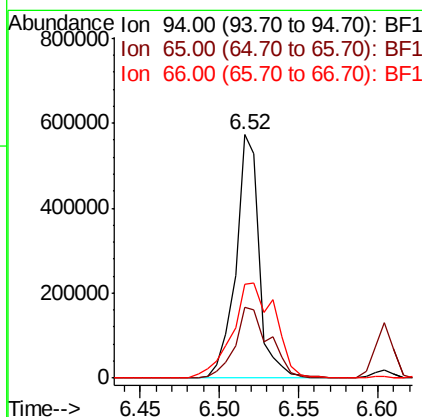
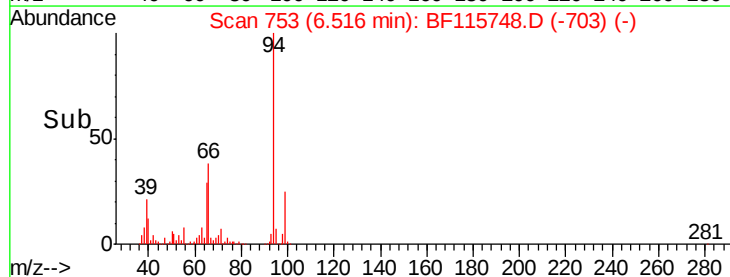
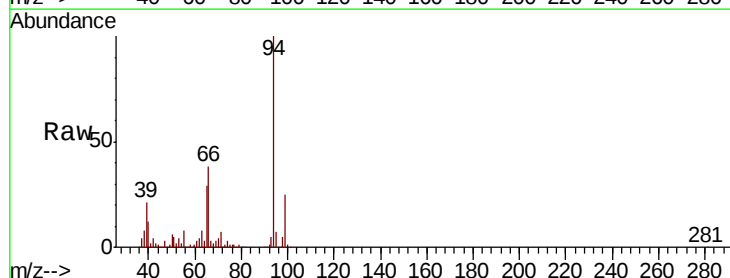
RT: 6.52 min Scan# 753

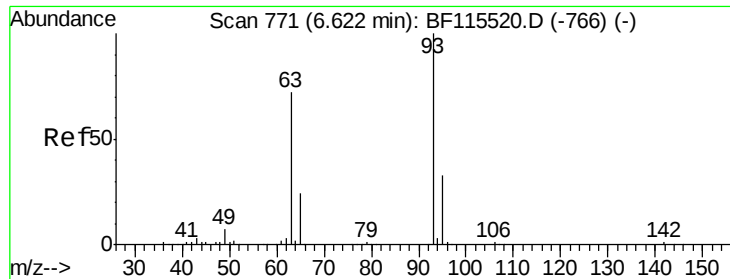
Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:	94	Resp:	589393
Ion	Ratio	Lower	Upper
94	100		
65	29.1	10.2	50.2
66	38.3	21.7	61.7





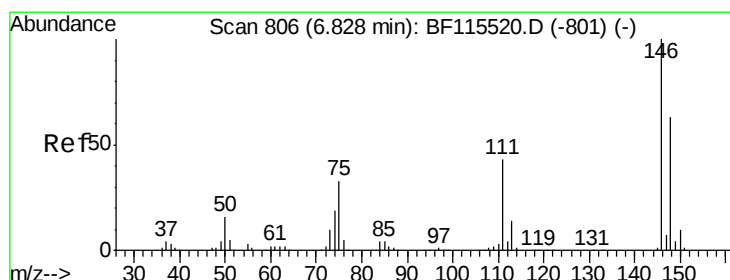
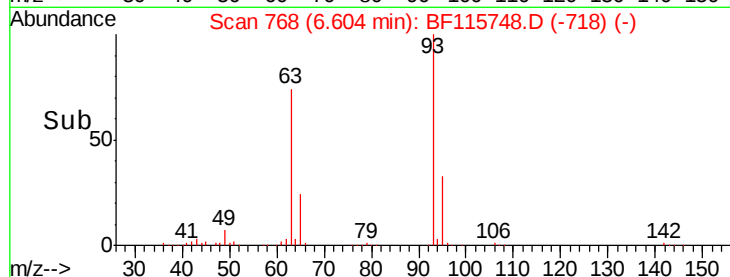
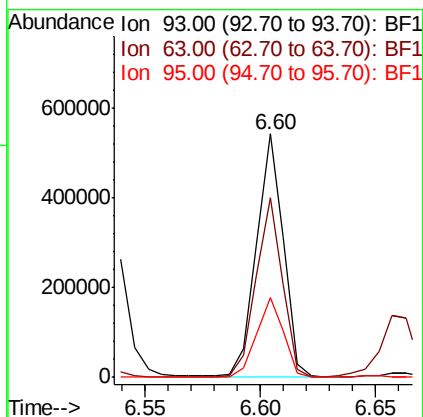
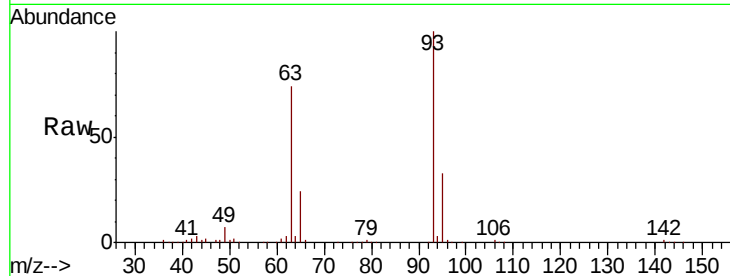
#11
bis(2-Chloroethyl)ether
Concen: 39.701 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	441135		
63	73.8	51.5	91.5	
95	32.9	13.0	53.0	

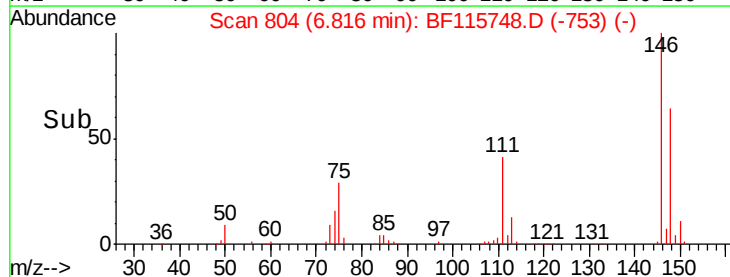
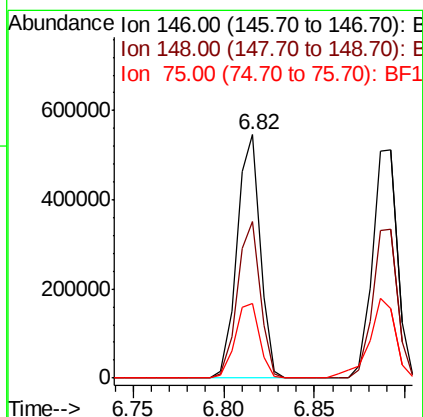
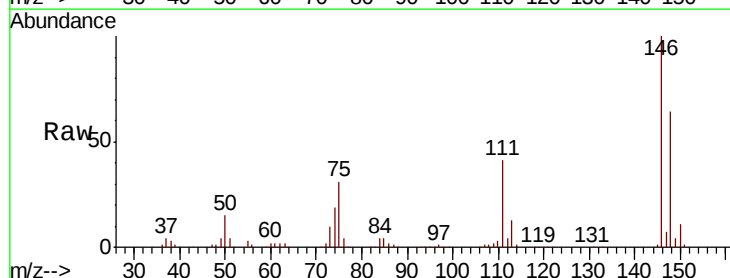
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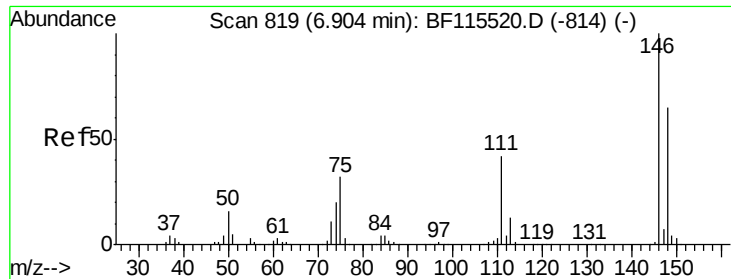
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#12
1,3-Dichlorobenzene
Concen: 37.912 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	485562		
148	64.1	51.4	77.0	
75	30.5	26.4	39.6	





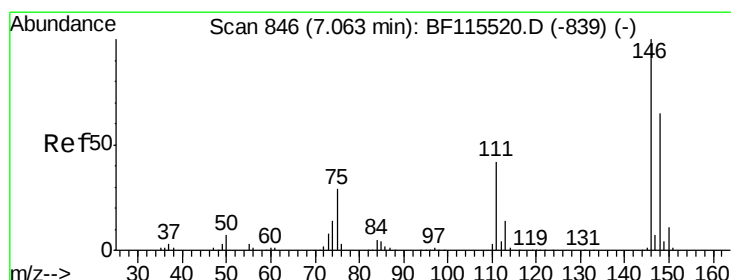
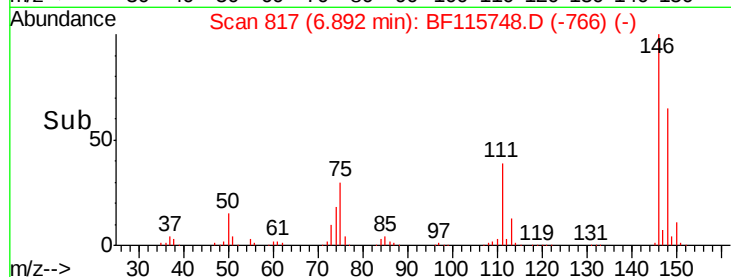
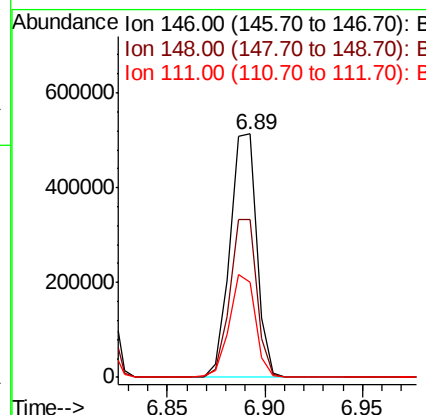
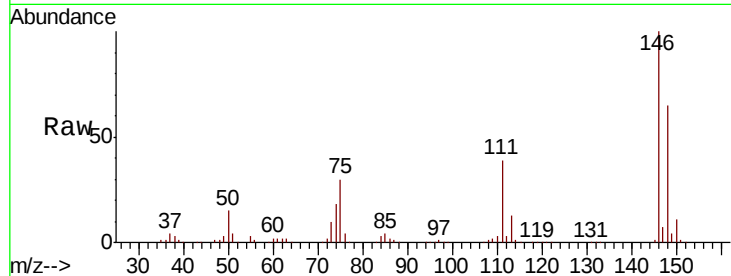
#13
 1,4-Dichlorobenzene
 Concen: 38.525 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121678BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.5	77.3
111	39.2	32.9	49.3

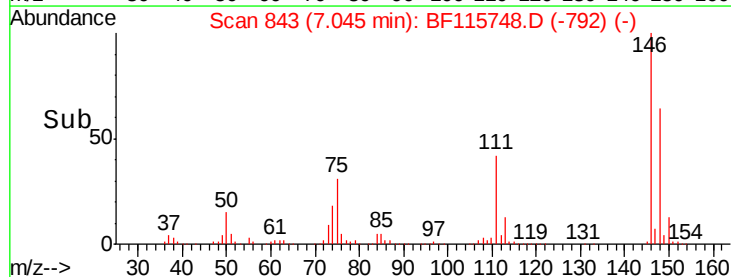
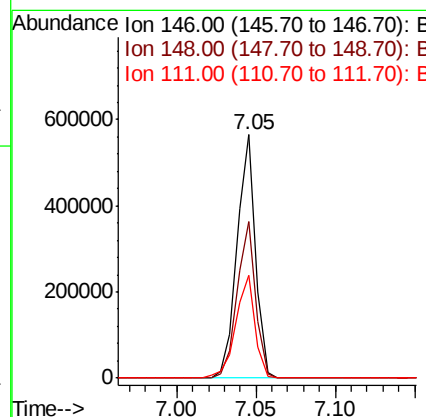
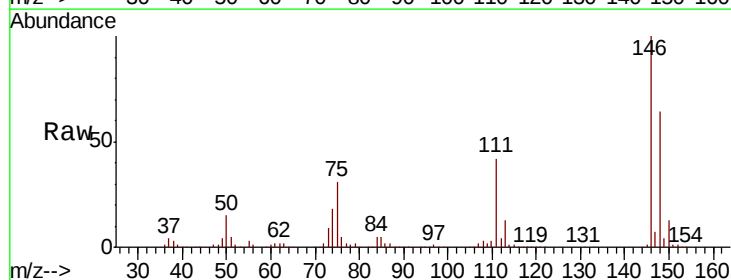
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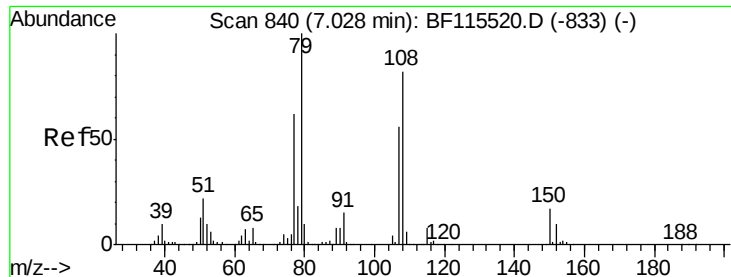
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#14
 1,2-Dichlorobenzene
 Concen: 39.133 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.0
111	42.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 38.858 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

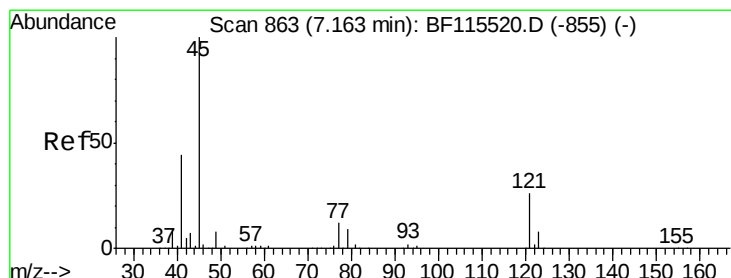
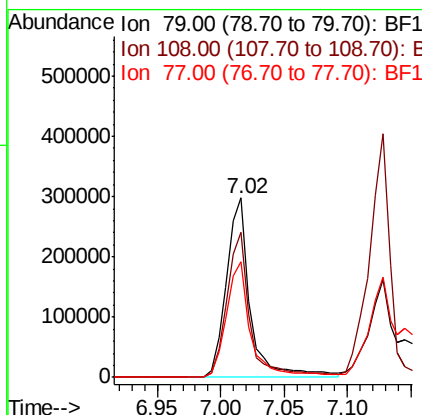
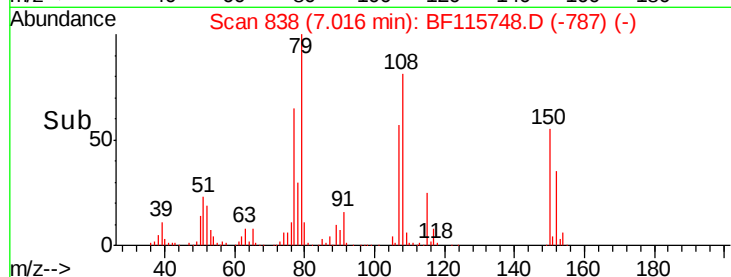
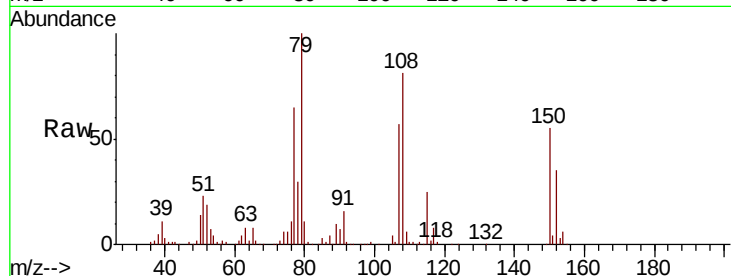
ClientSampleID :

PB121678BSD

Tot Ion:	79	Resp:	387537
Ion Ratio	Lower	Upper	
79	100		
108	81.1	65.5	98.3
77	64.7	51.8	77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.551 ng

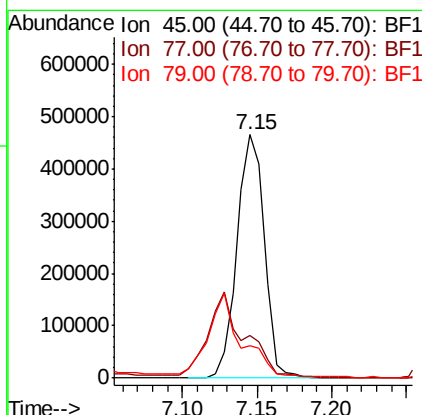
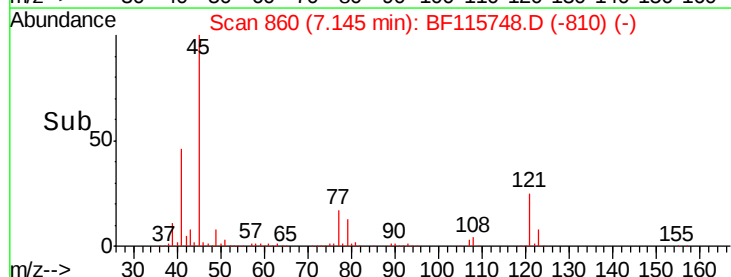
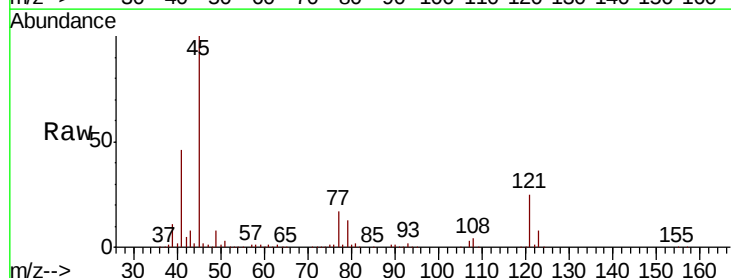
RT: 7.15 min Scan# 860

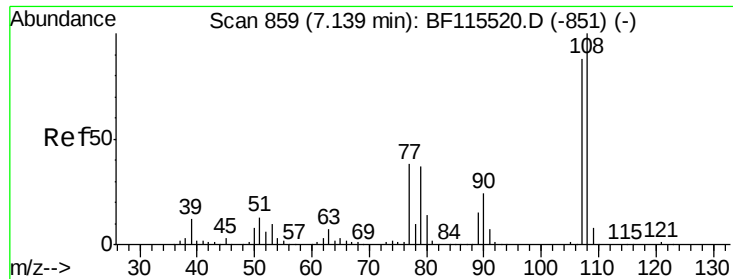
Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:	45	Resp:	593204
Ion Ratio	Lower	Upper	
45	100		
77	17.4	0.0	37.1
79	13.5	0.0	33.1





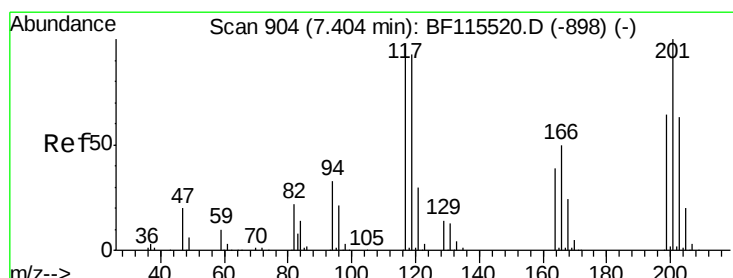
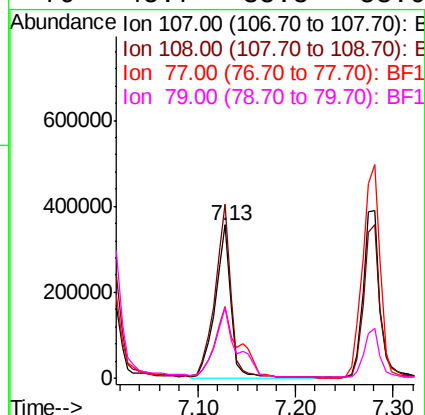
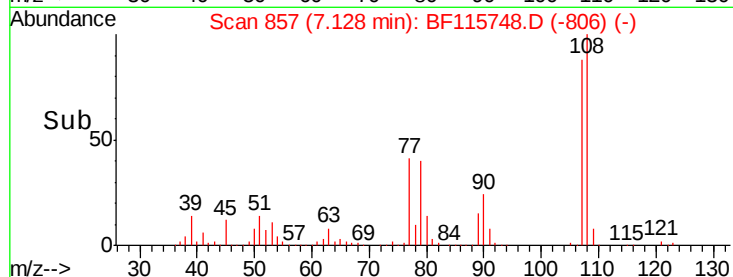
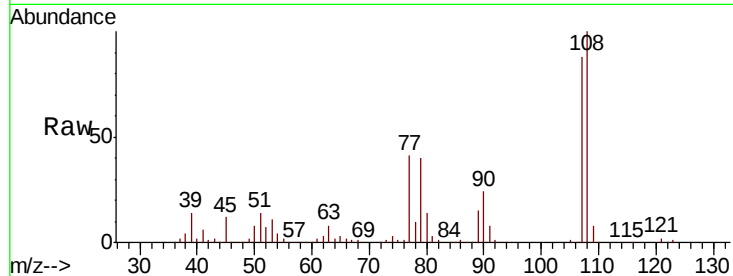
#17
2-Methylphenol
Concen: 41.231 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.4	137.0	
77	46.5	36.8	55.2	
79	45.7	35.8	53.6	

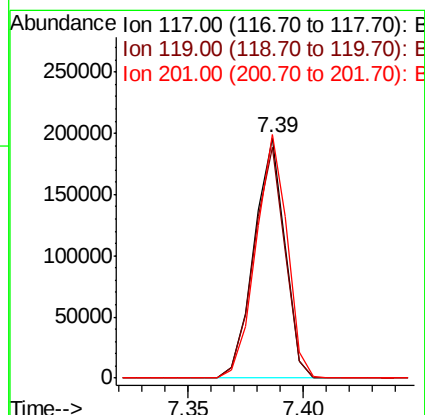
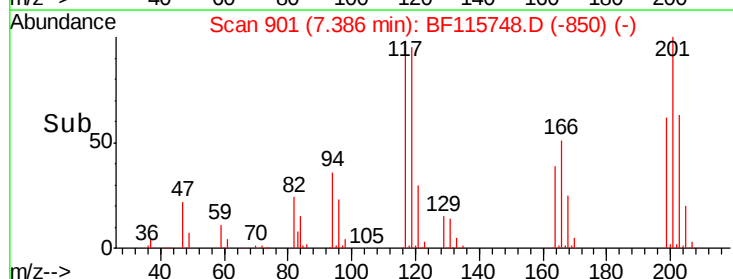
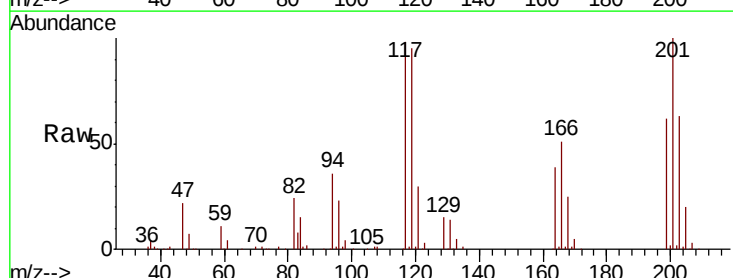
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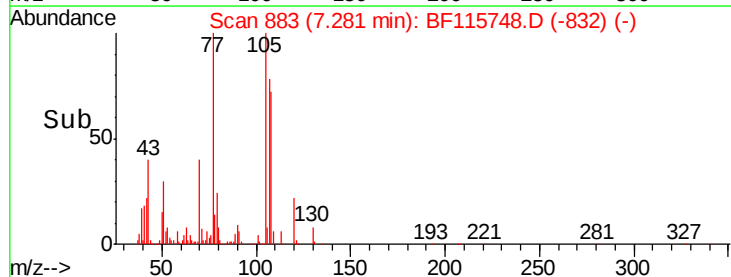
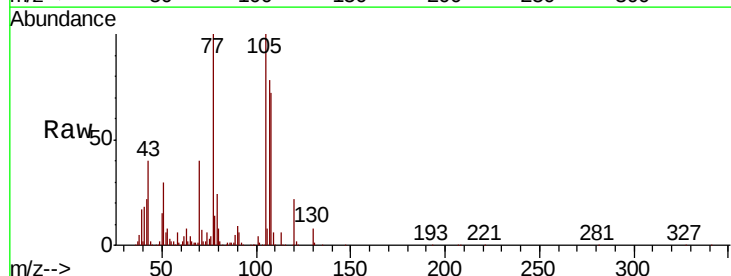
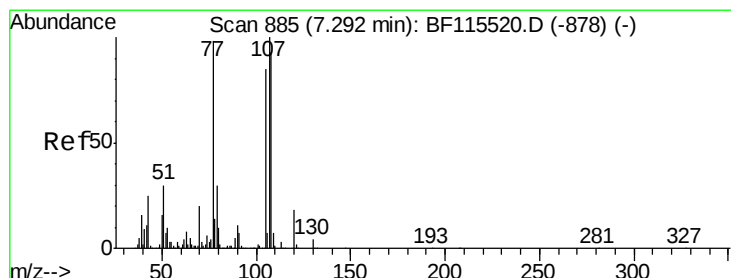
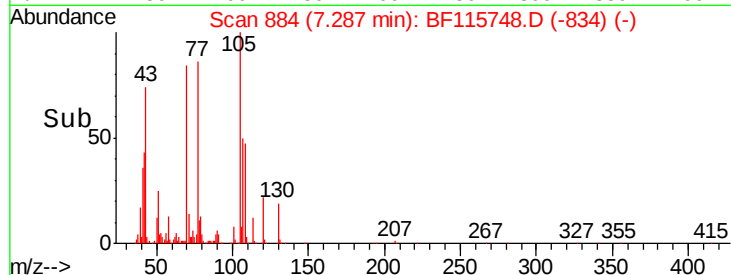
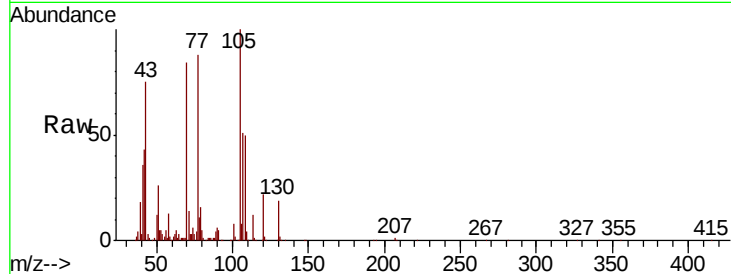
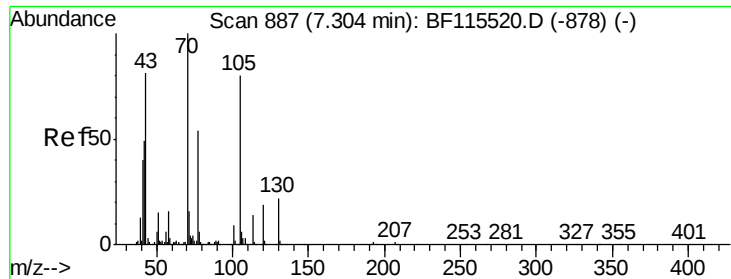
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#18
Hexachloroethane
Concen: 38.571 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	76.1	114.1	
201	101.5	73.7	110.5	





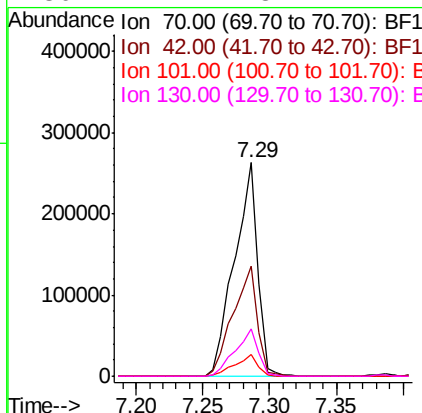
#19
n-Nitroso-di-n-propylamine
Concen: 39.290 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	40.3	60.5
101	9.9	7.9	11.9
130	22.1	18.2	27.4

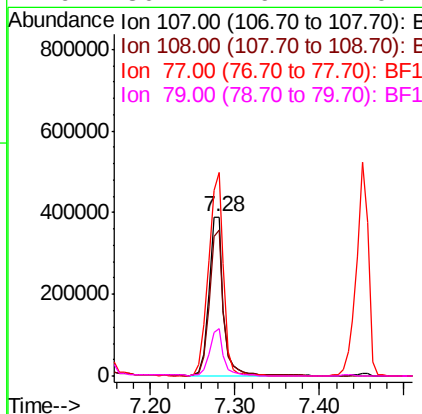
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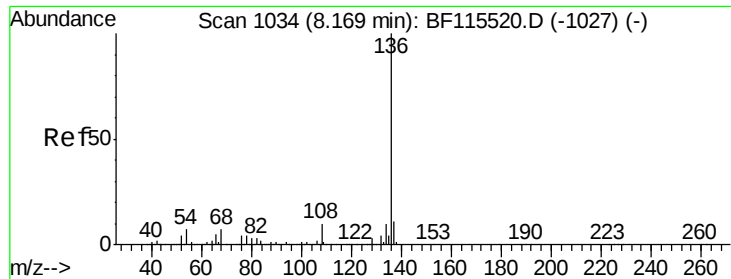
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#20
3+4-Methylphenols
Concen: 40.280 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	69.3	109.3
77	127.6	90.4	130.4
79	30.2	9.1	49.1





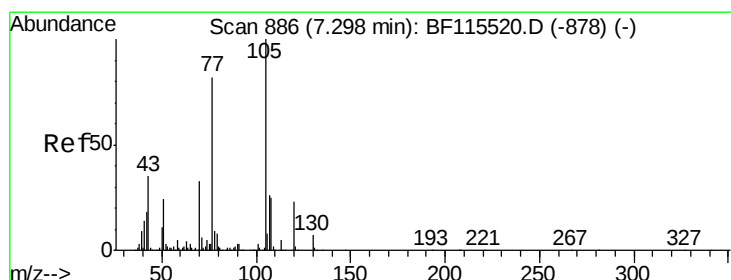
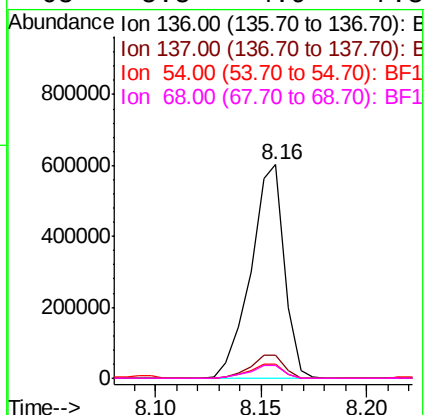
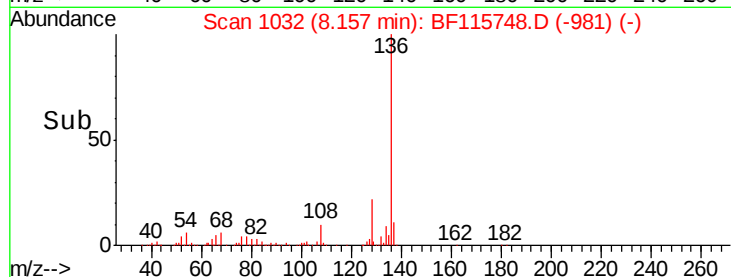
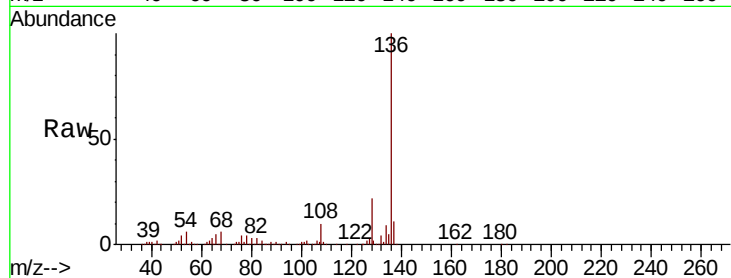
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	663636		
137	10.9		9.0	13.4
54	6.4		5.4	8.0
68	5.8		4.9	7.3

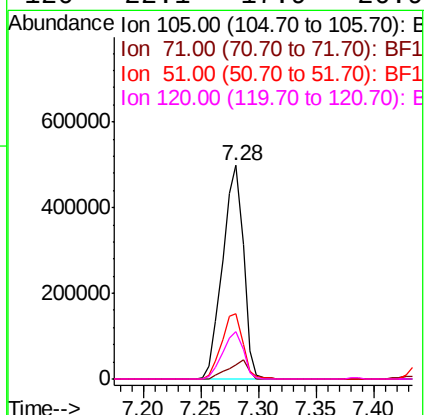
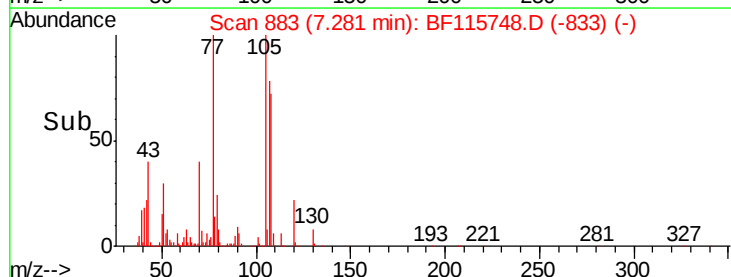
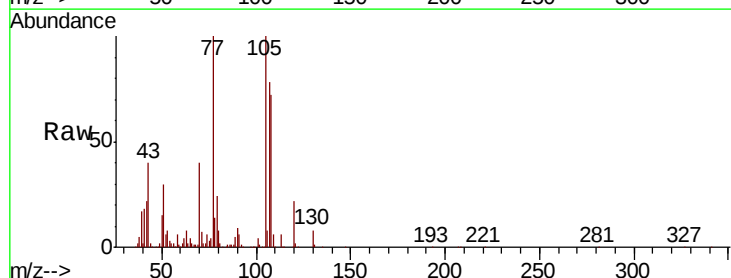
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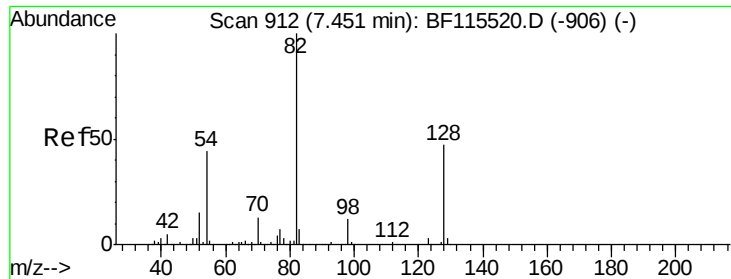
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#22
Acetophenone
Concen: 41.851 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	627454		
71	6.8		6.3	9.5
51	30.4		21.8	32.6
120	22.1		17.9	26.9





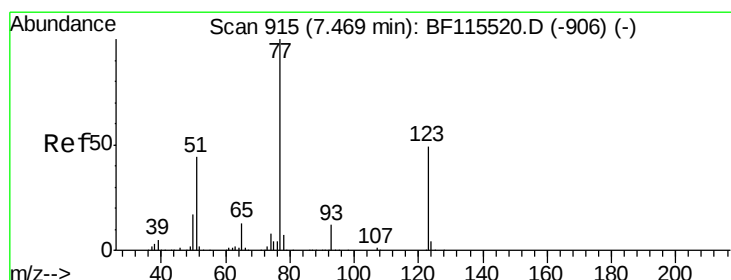
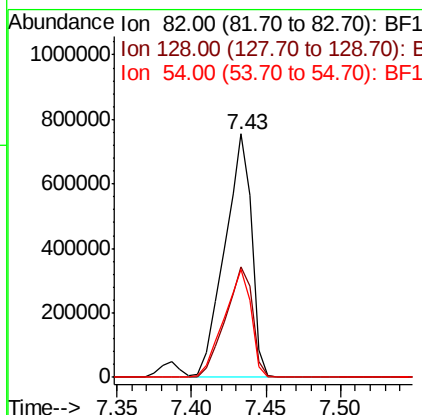
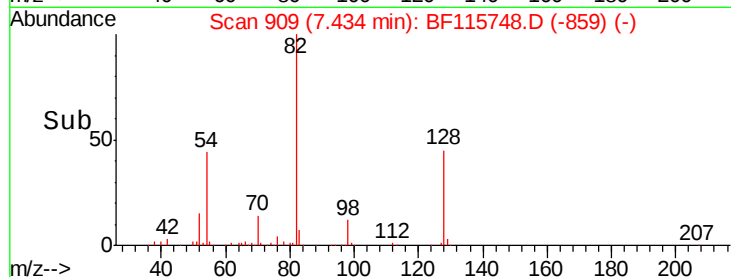
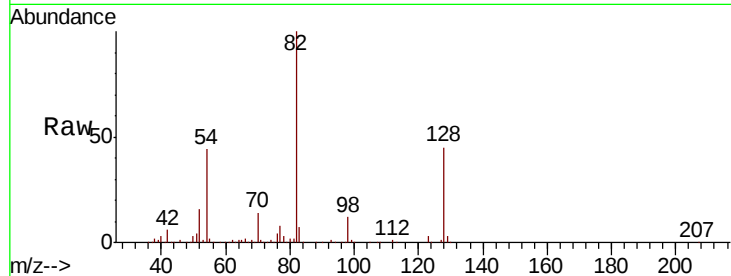
#23
 Nitrobenzene-d5
 Concen: 83.637 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121678BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	38.0	57.0
54	44.5	35.6	53.4

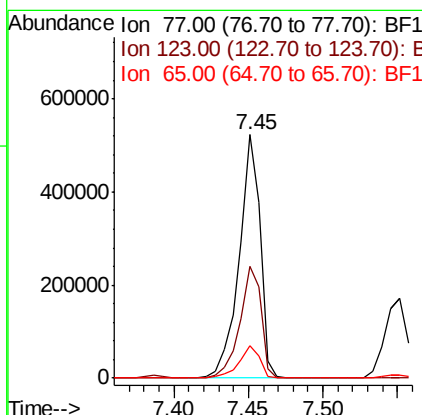
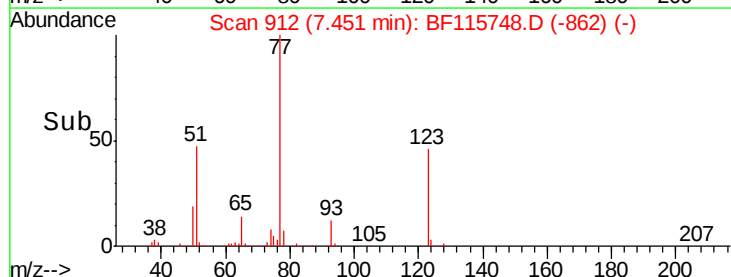
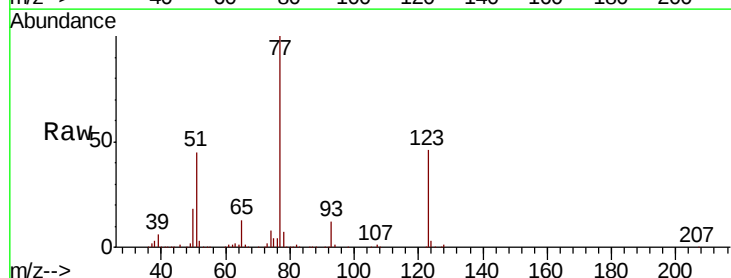
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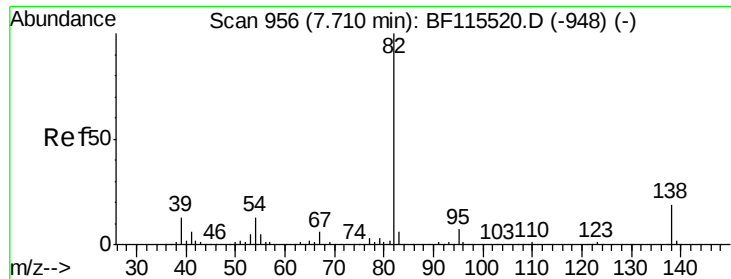
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#24
 Nitrobenzene
 Concen: 41.535 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.7	37.9	56.9
65	13.5	10.6	15.8





#25

Isophorone

Concen: 41.175 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

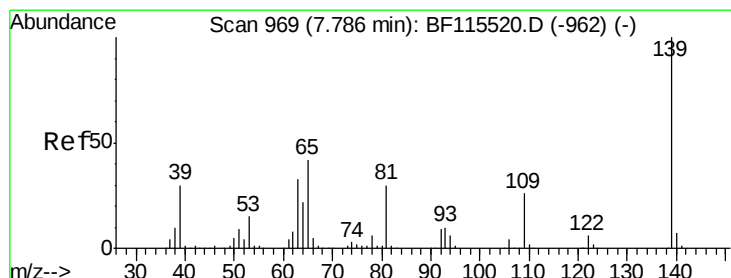
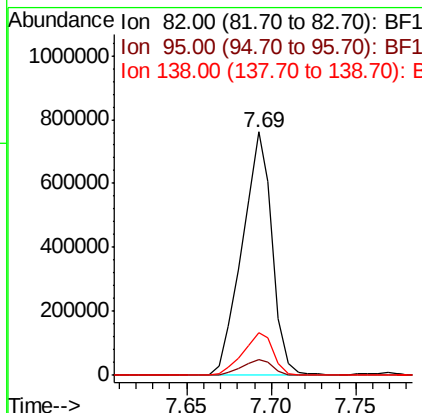
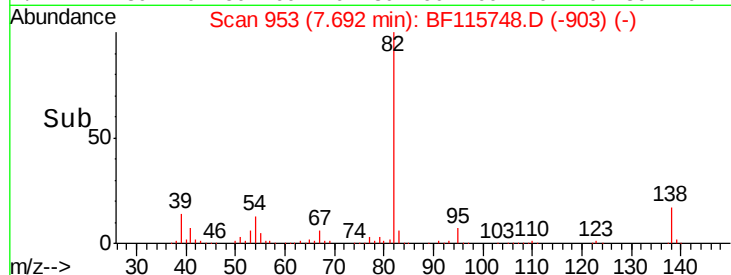
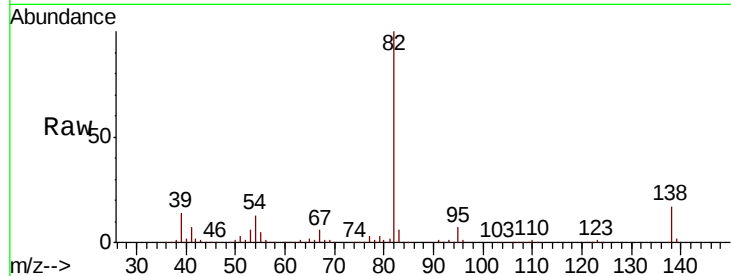
ClientSampleId :

PB121678BSD

Tot Ion:	82	Resp:	940352
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.4	14.8	22.2

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#26

2-Nitrophenol

Concen: 41.213 ng

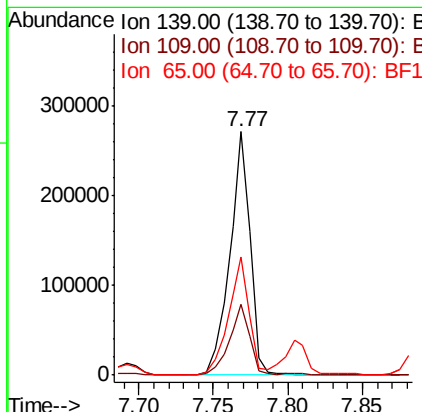
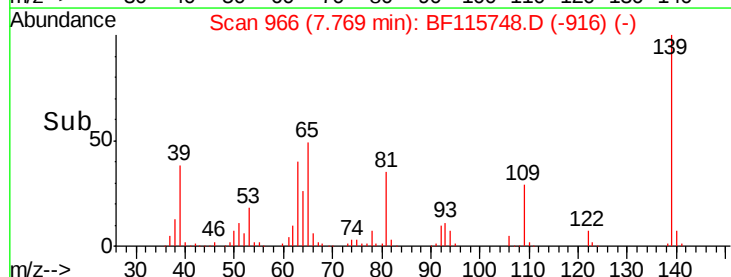
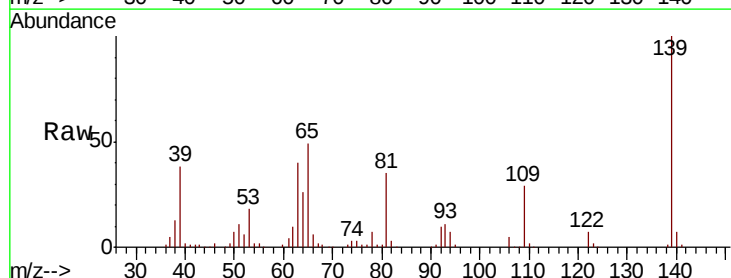
RT: 7.77 min Scan# 966

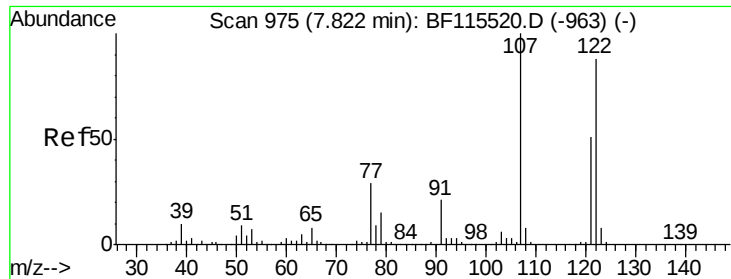
Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:	139	Resp:	261137
Ion Ratio	Lower	Upper	
139	100		
109	29.0	21.4	32.0
65	48.7	35.7	53.5





#27

2,4-Dimethylphenol

Concen: 46.293 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

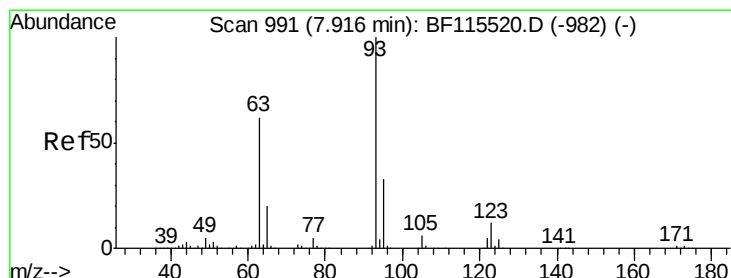
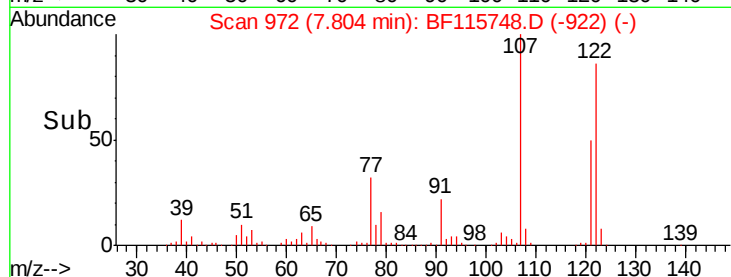
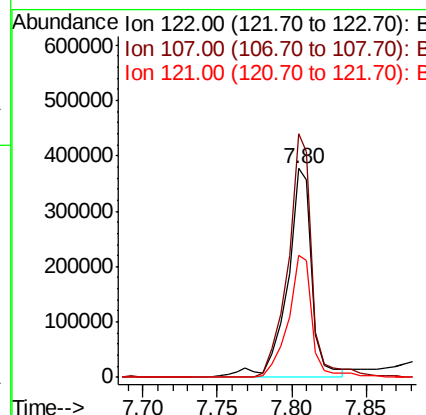
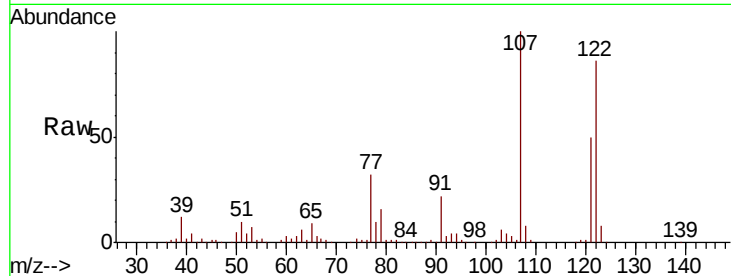
ClientSampleId :

PB121678BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	438878		
107	116.5	90.2	135.4	
121	58.5	46.4	69.6	

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#28

bis(2-Chloroethoxy)methane

Concen: 41.555 ng

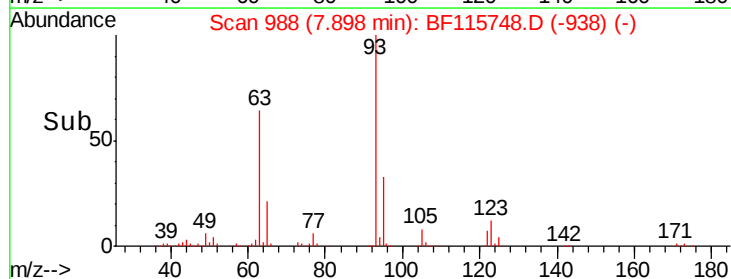
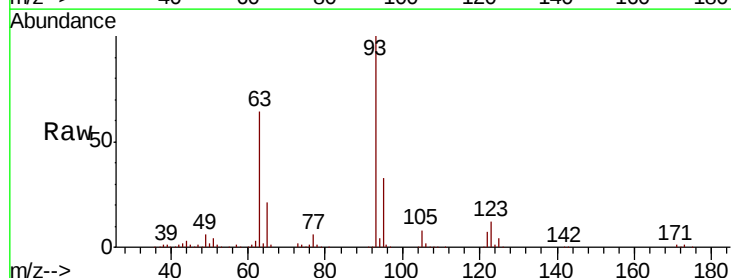
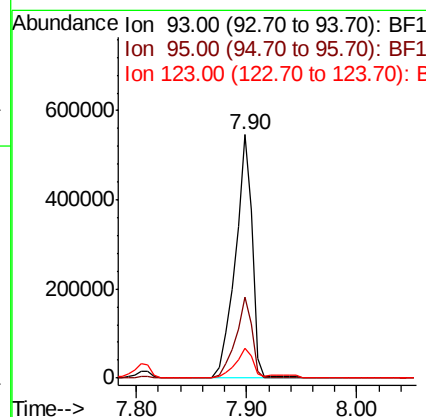
RT: 7.90 min Scan# 988

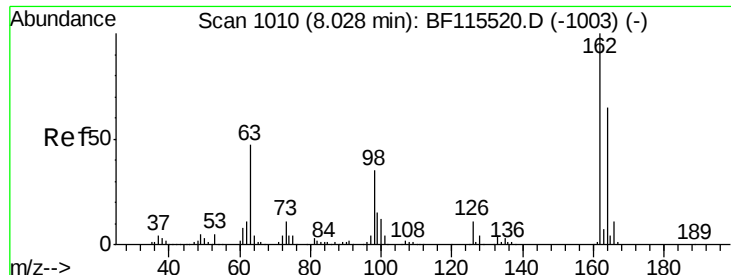
Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	582210		
95	33.2	26.6	39.8	
123	12.0	10.2	15.2	





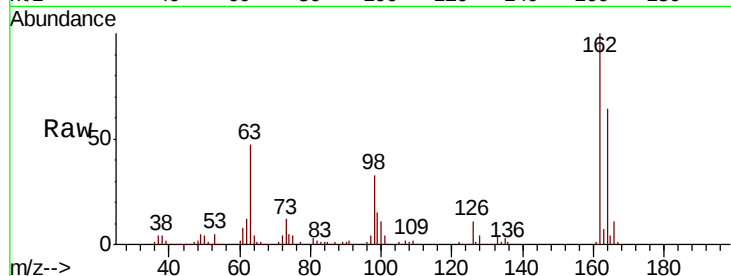
#29
2,4-Dichlorophenol
Concen: 42.340 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

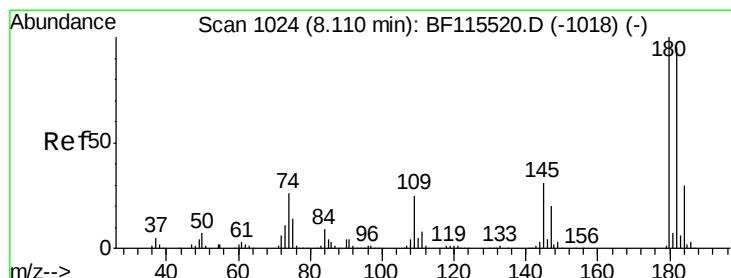
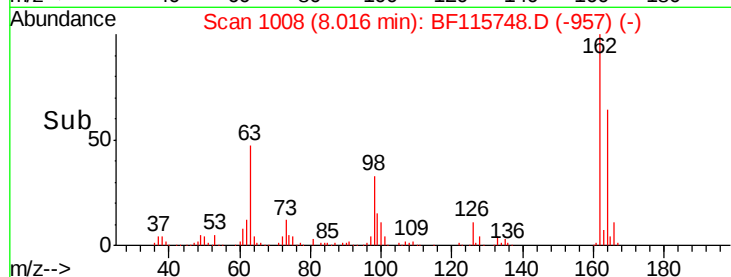
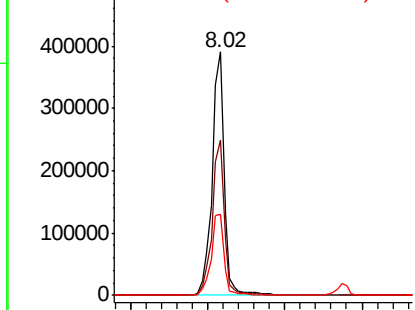
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	33.2	15.3	55.3

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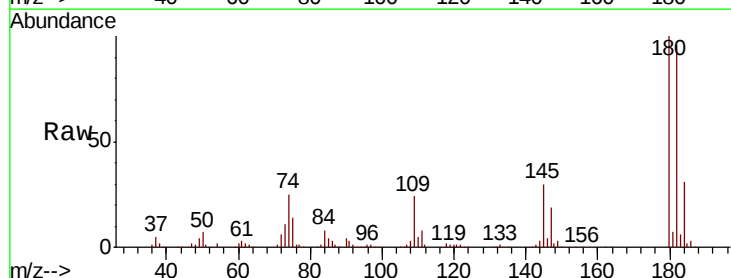


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

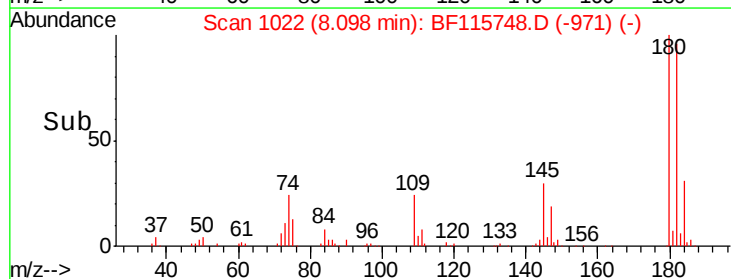
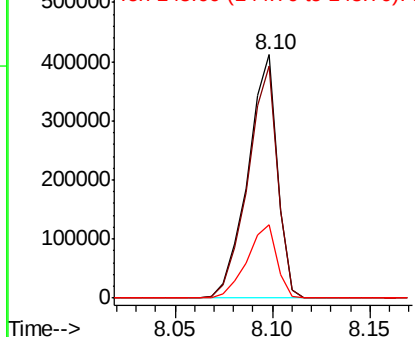


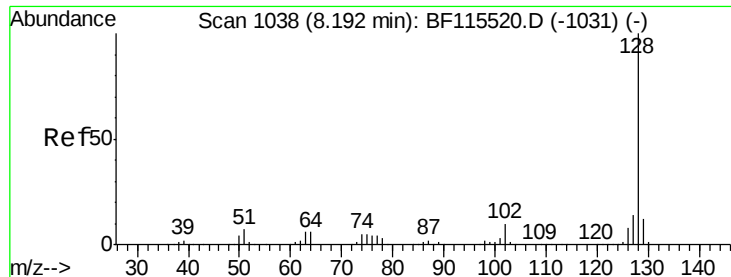
#30
1,2,4-Trichlorobenzene
Concen: 38.742 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	30.0	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: 41.918 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB121678BSD

Tot Ion:128 Resp: 1347246

Ion Ratio Lower Upper

128 100

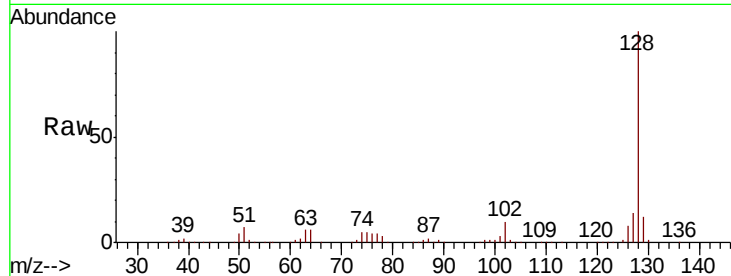
129 11.8 9.4 14.0

127 13.7 11.0 16.6

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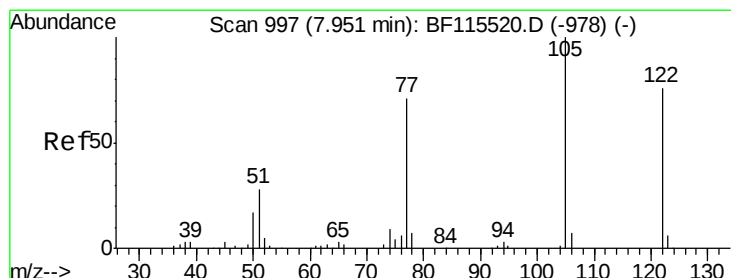
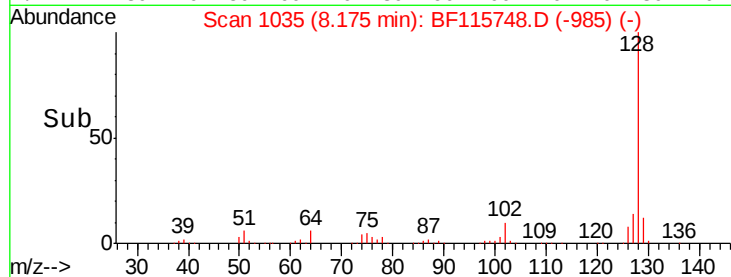
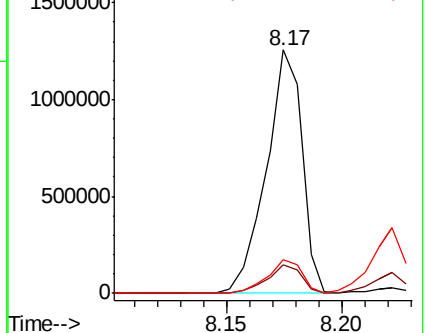
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.782 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

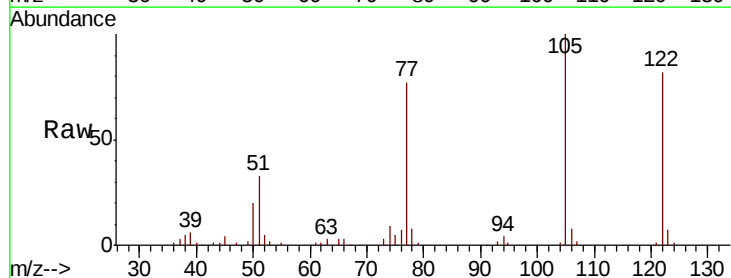
Tgt Ion:122 Resp: 278394

Ion Ratio Lower Upper

122 100

105 121.3 104.1 144.1

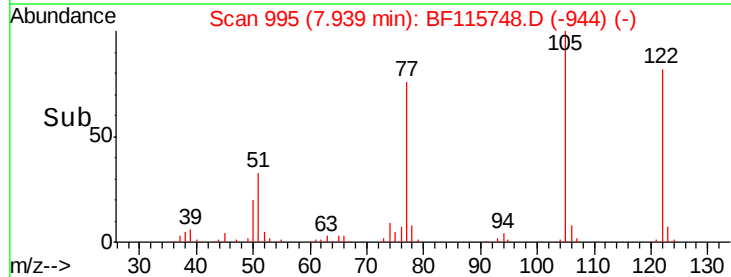
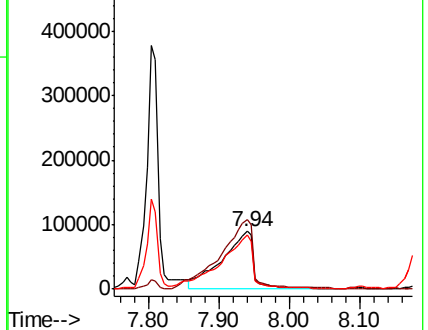
77 93.2 77.0 117.0

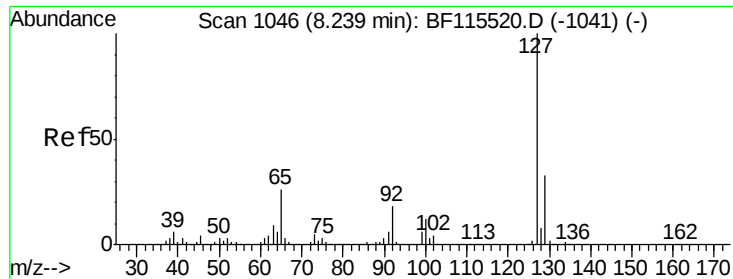


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





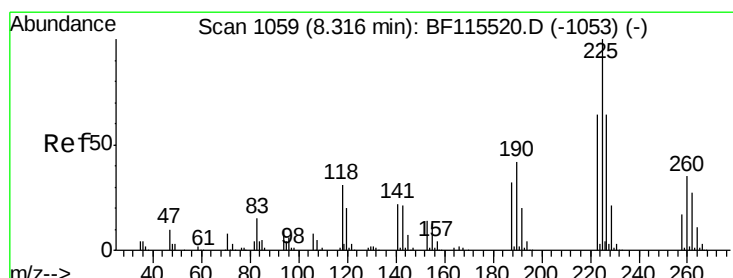
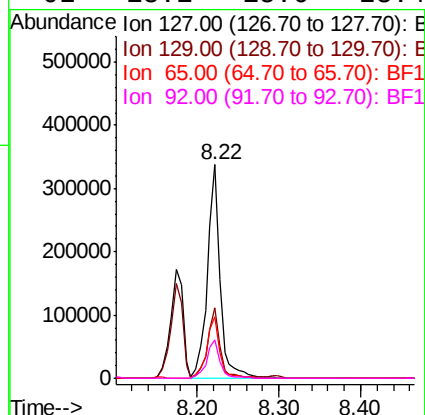
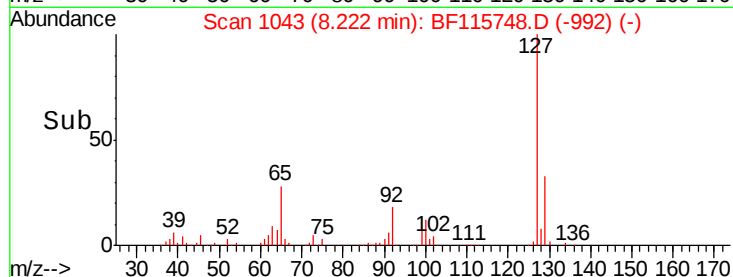
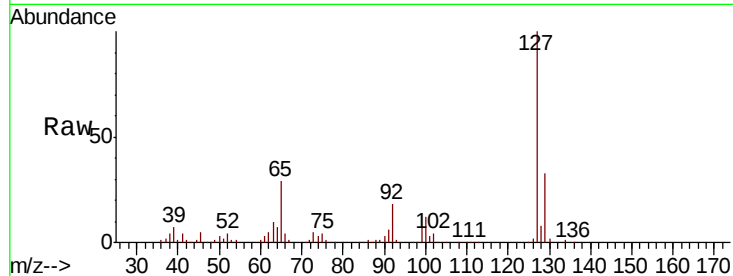
#33
4-Chloroaniline
Concen: 25.587 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.1	39.1		
65	29.0	24.6	37.0		
92	18.1	15.6	23.4		

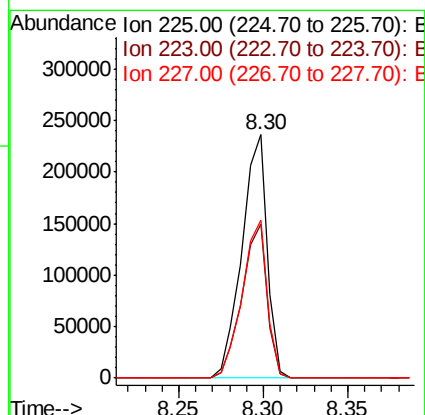
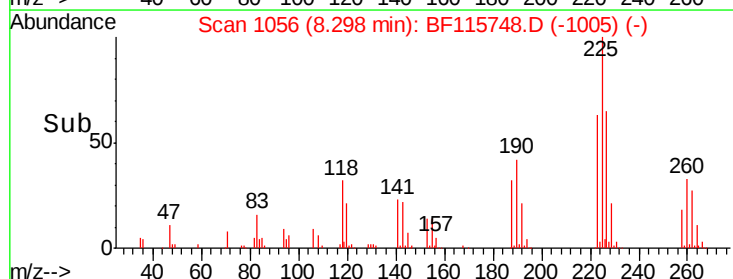
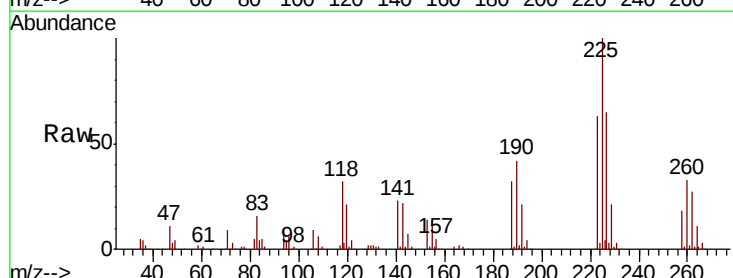
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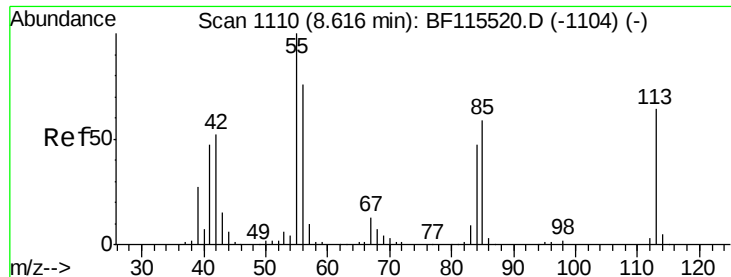
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#34
Hexachlorobutadiene
Concen: 38.652 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.8	74.8		
227	65.0	50.6	75.8		





#35

Caprolactam

Concen: 40.512 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

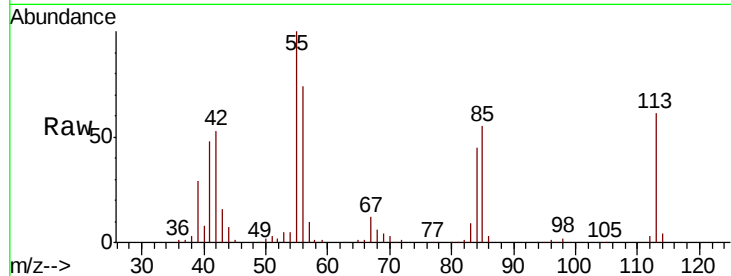
ClientSampleId :

PB121678BSD

Tot Ion:	113	Resp:	123431
Ion Ratio	Lower	Upper	
113	100		
55	163.4	135.9	175.9
56	121.4	95.8	135.8

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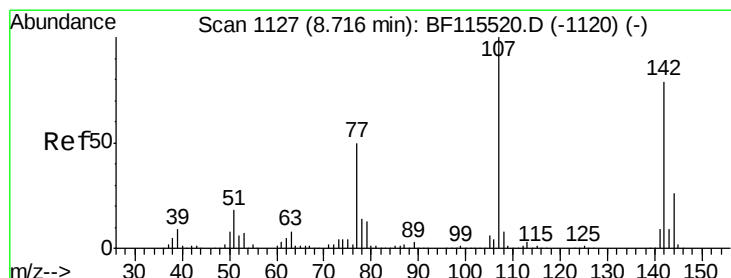
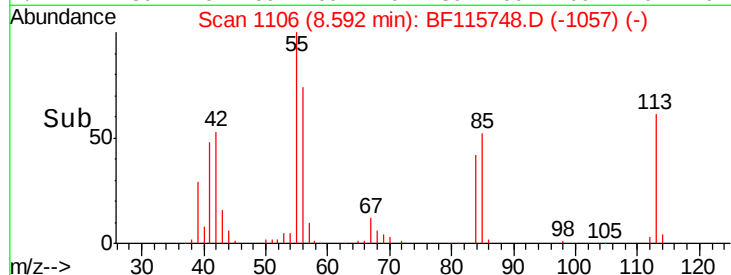
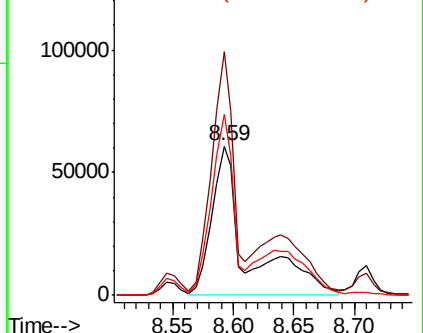
mohammad
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.920 ng/ml

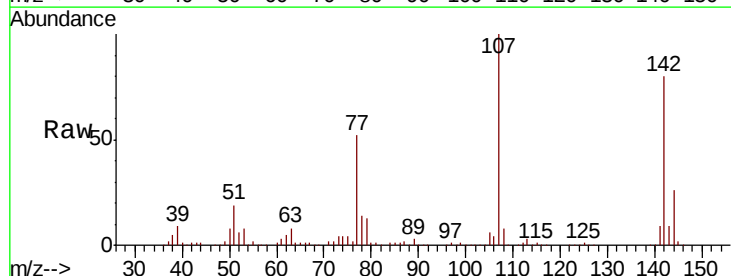
RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

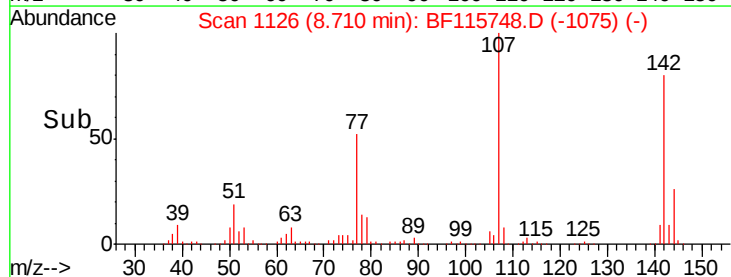
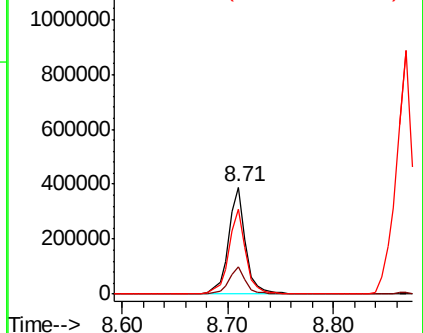
Tgt Ion:	107	Resp:	428734
Ion Ratio	Lower	Upper	
107	100		
144	25.6	21.4	32.0
142	79.5	64.6	96.8

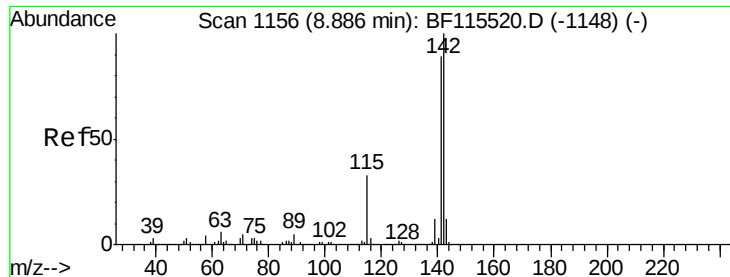


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





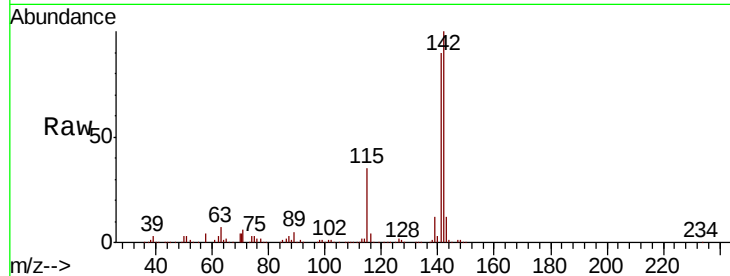
#37
2-Methylnaphthalene
Concen: 42.935 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	35.3	28.2	42.2

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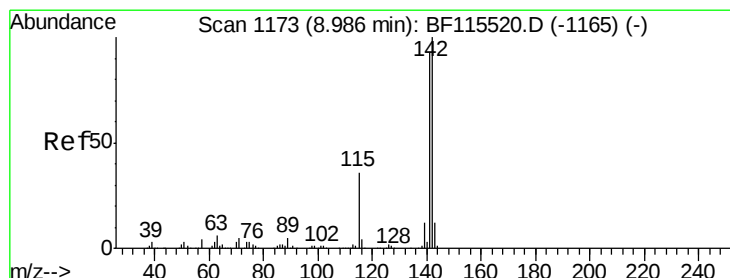
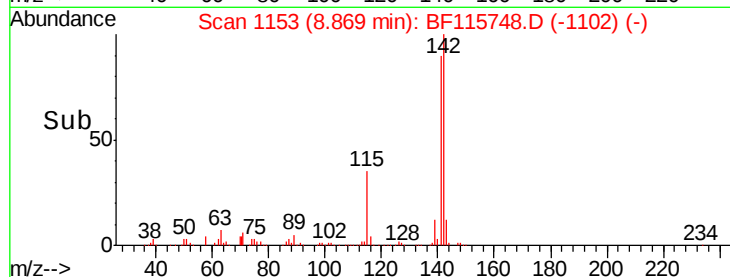
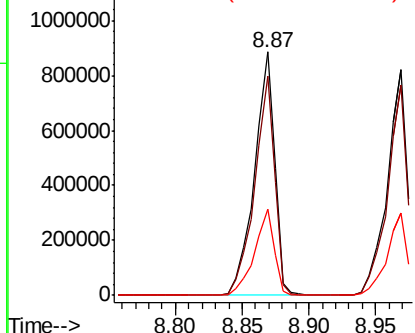


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.997 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

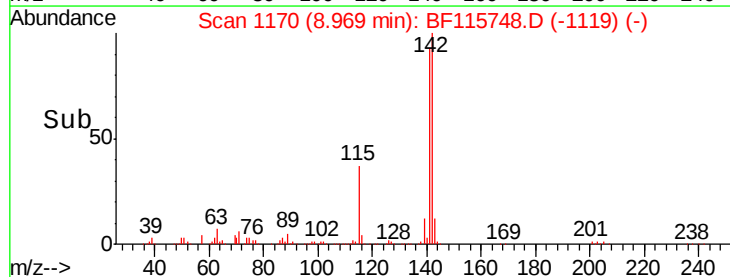
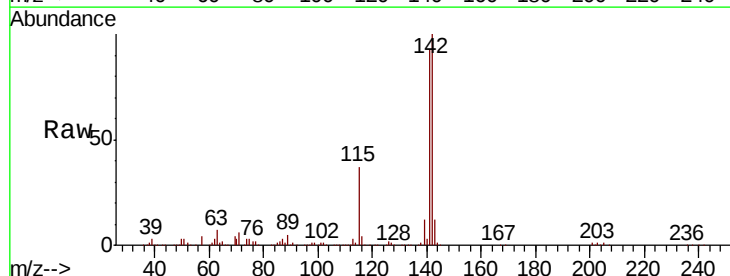
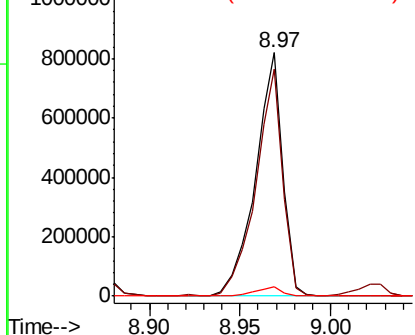
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	72.9	109.3
116	3.9	3.0	4.4

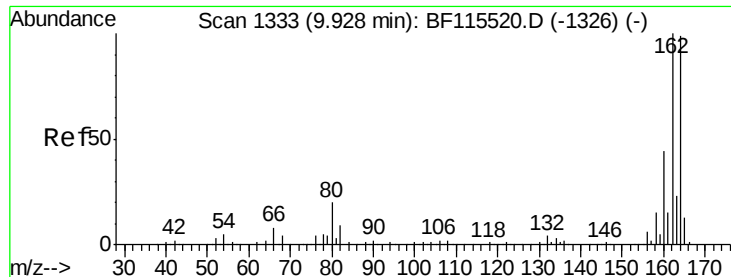
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





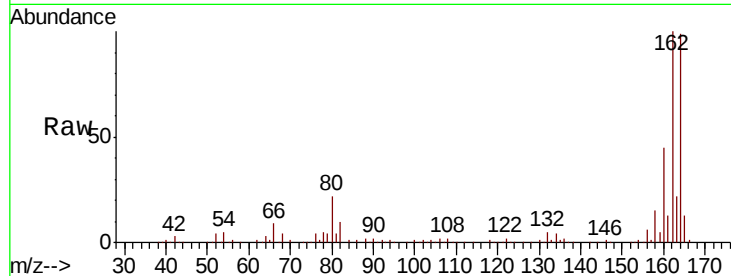
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.8	122.8
160	45.8	37.8	56.8

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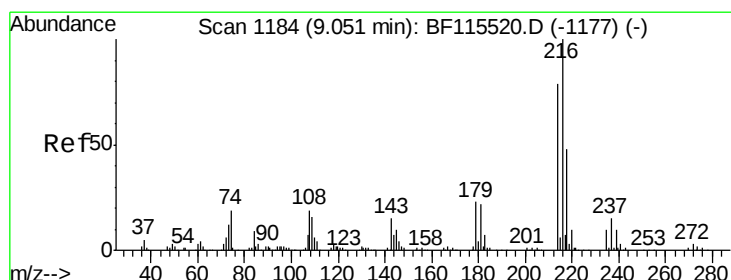
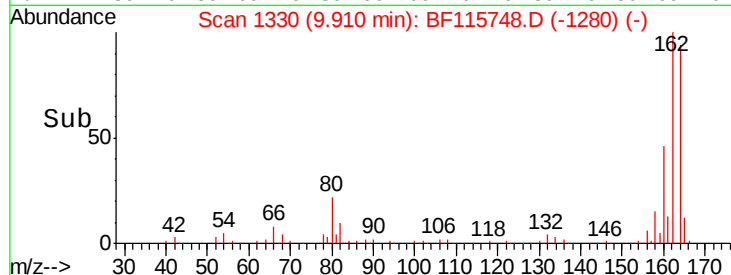
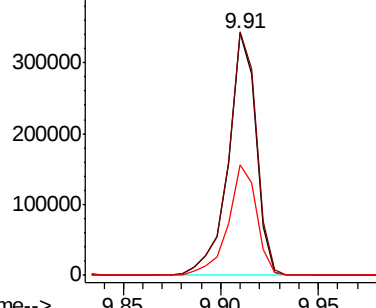


Abundance

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: 40.326 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.2	96.4
179	22.1	17.6	26.4
108	21.6	16.3	24.5

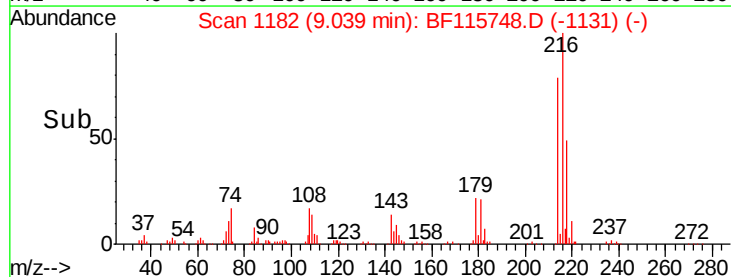
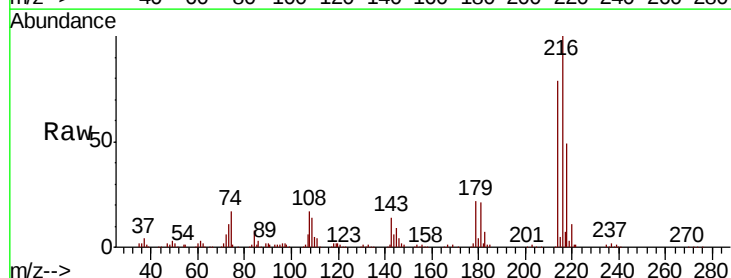
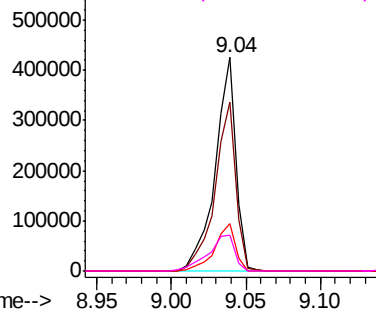
Abundance

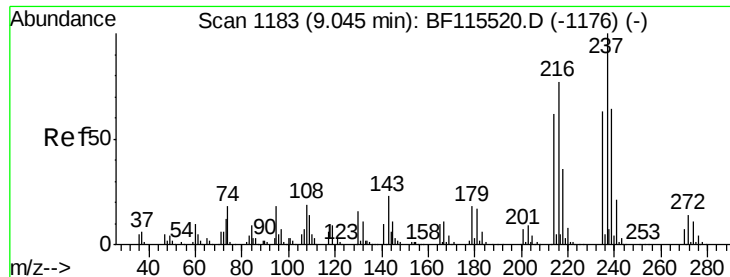
Ion 216.00 (215.70 to 216.70): E

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: 62.743 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

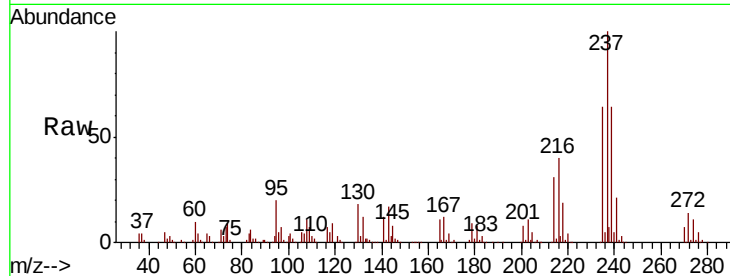
ClientSampleId :

PB121678BSD

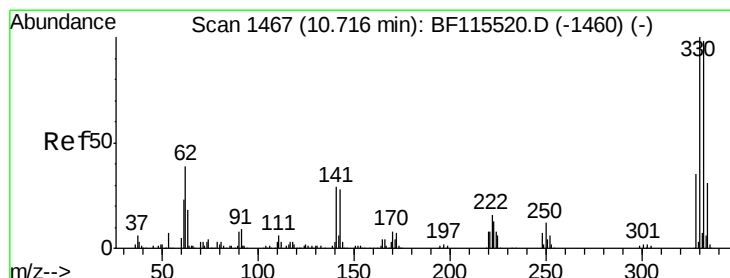
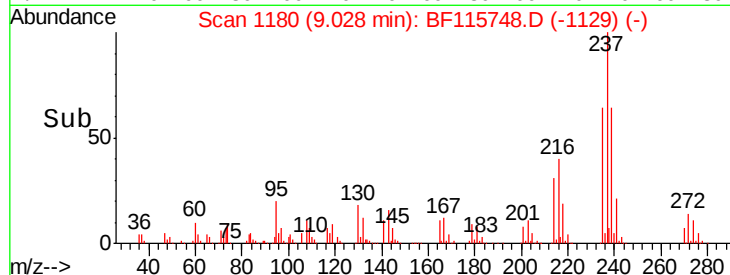
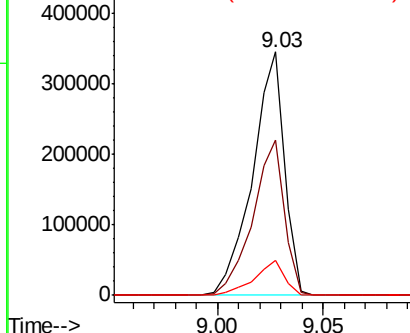
Tot Ion:	237	Resp:	362684
Ion Ratio	Lower	Upper	
237	100		
235	63.8	43.6	83.6
272	14.2	0.0	33.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 77.032 ng

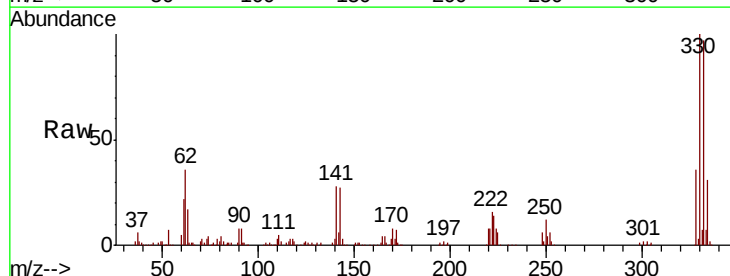
RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

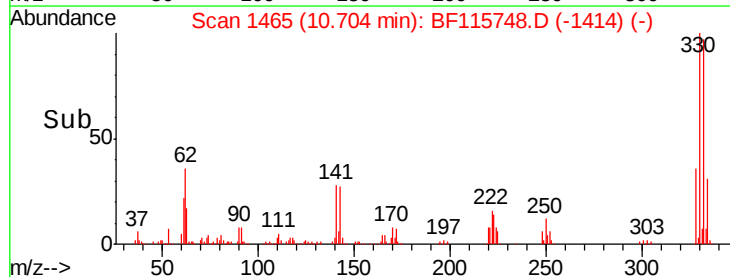
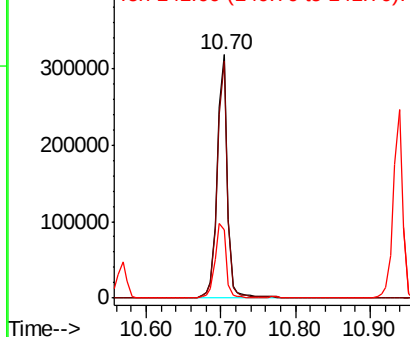
Lab File: BF115748.D

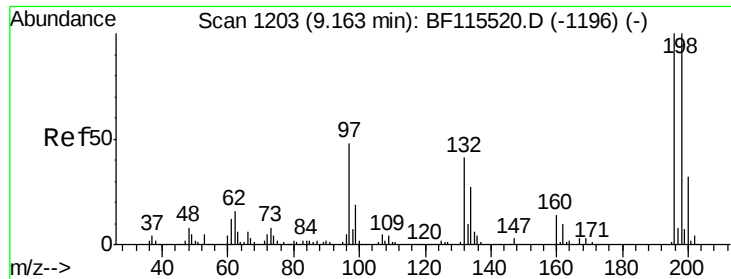
Acq: 24 Jul 2019 14:14

Tgt Ion:	330	Resp:	302569
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.7	115.1
141	33.4	25.6	38.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





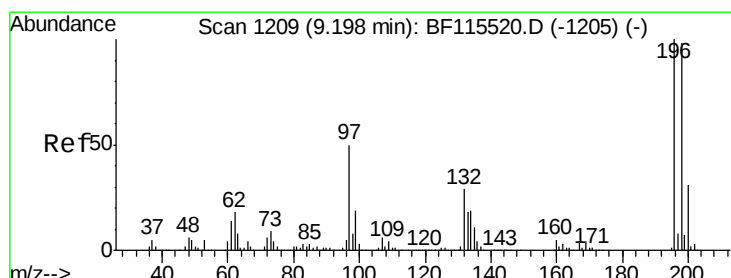
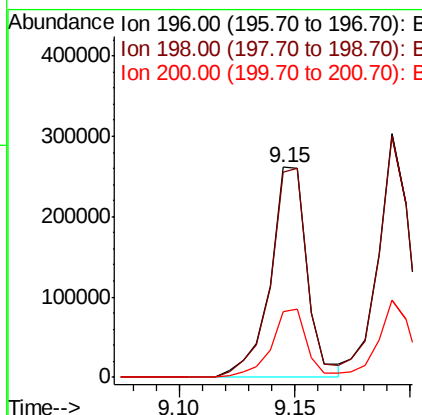
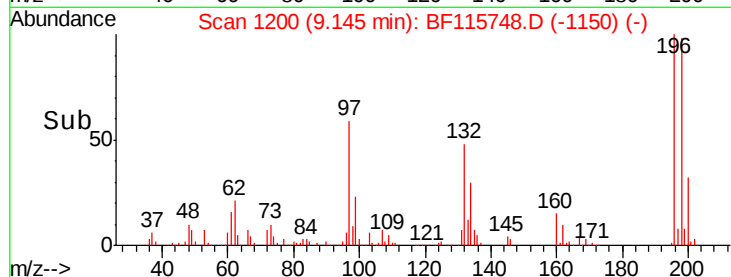
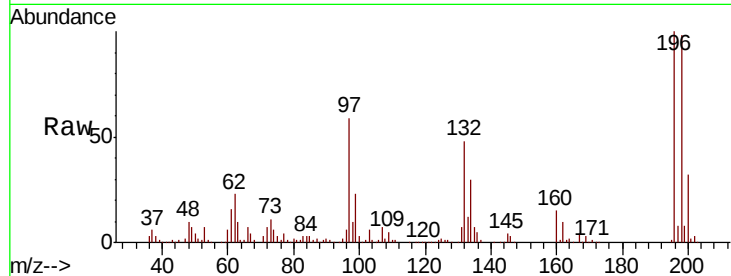
#43
 2,4,6-Trichlorophenol
 Concen: 38.976 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleID :
 PB121678BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288834		
198	97.7	79.4	119.2	
200	31.6	25.6	38.4	

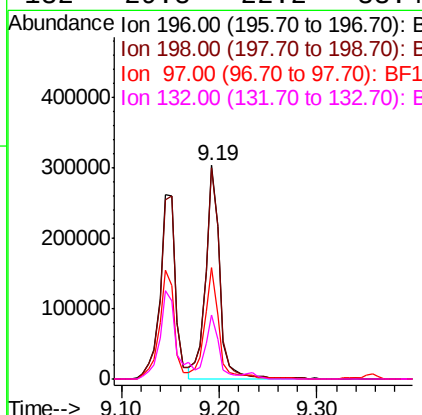
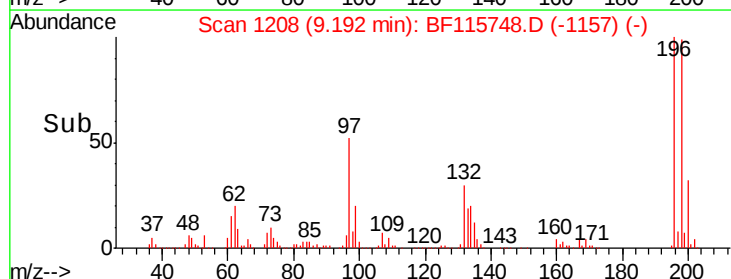
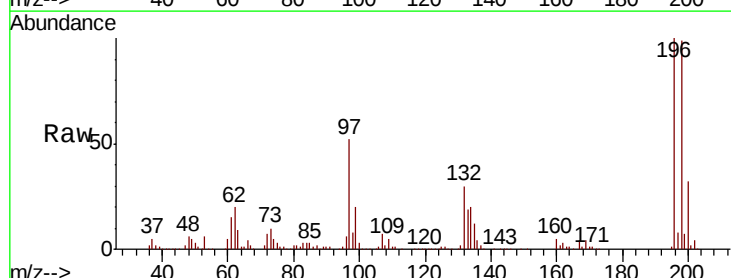
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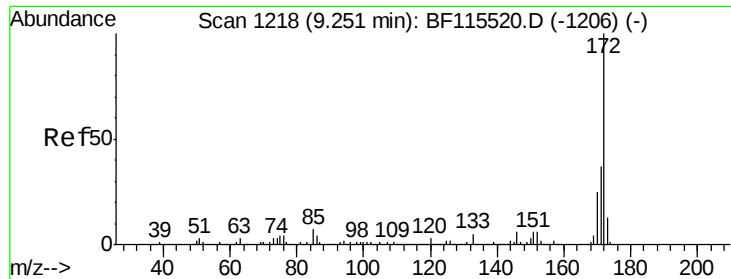
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#44
 2,4,5-Trichlorophenol
 Concen: 39.743 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301614		
198	99.0	77.9	116.9	
97	51.9	37.4	56.0	
132	29.8	22.2	33.4	





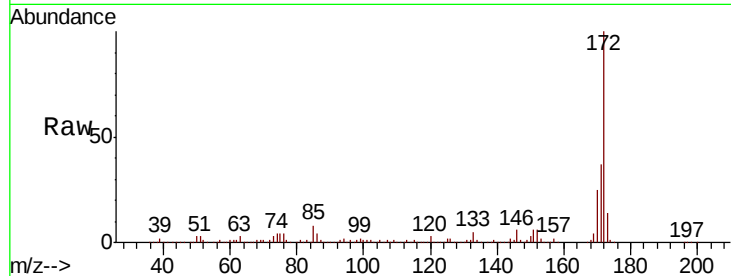
#45
2-Fluorobiphenyl
Concen: 90.805 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.5	44.3
170	25.2	20.0	30.0

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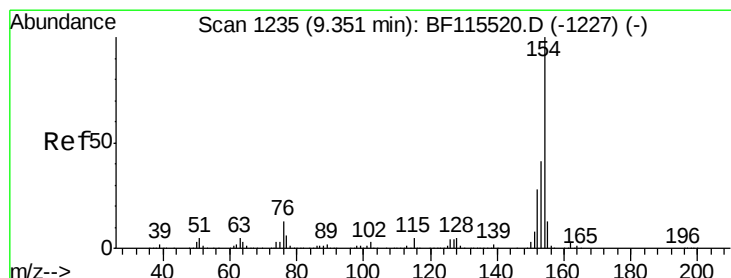
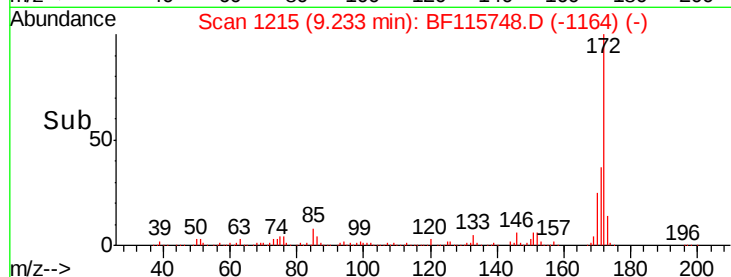
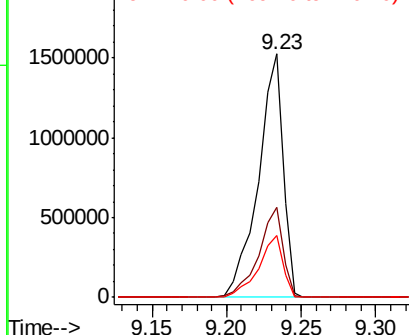


Abundance

Ion 172.00 (171.70 to 172.70): E

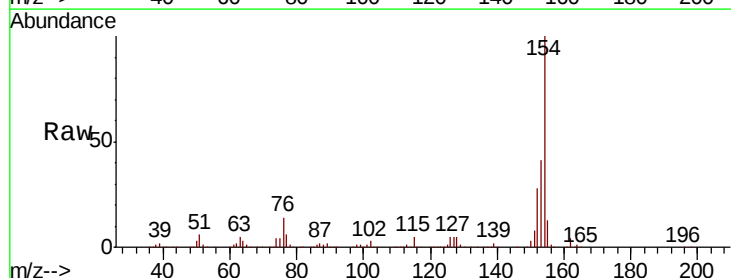
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.198 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.9	60.9
76	13.7	0.0	34.3

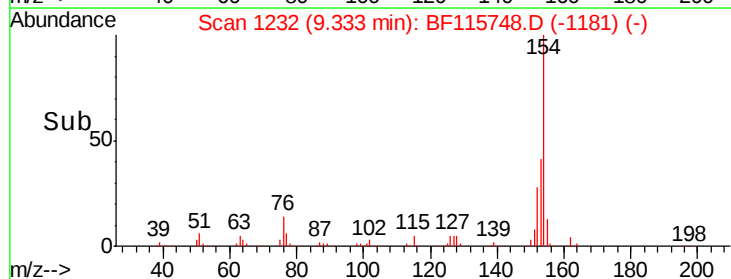
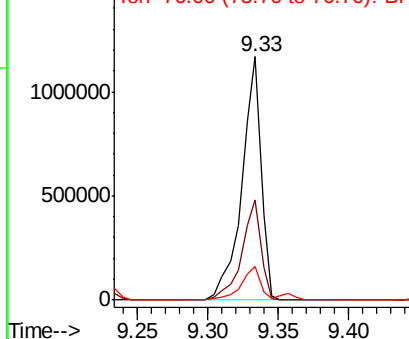


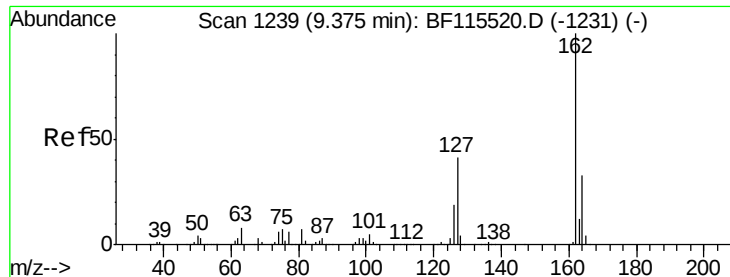
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





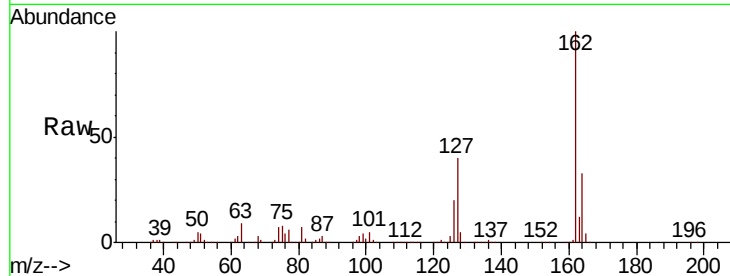
#47
2-Chloronaphthalene
Concen: 40.087 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.0	31.4	47.2	
164	33.4	26.7	40.1	

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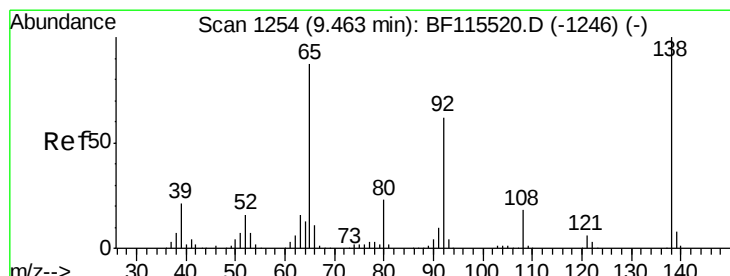
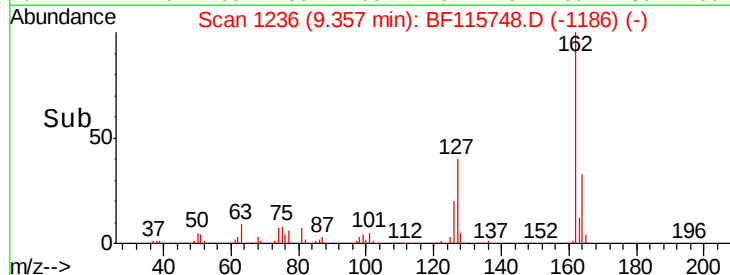
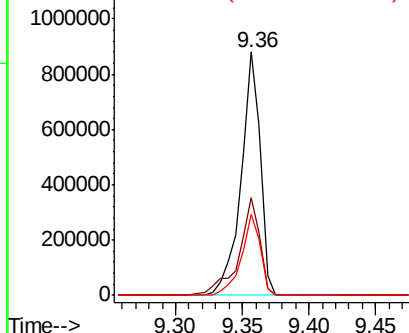


Abundance

Ion 162.00 (161.70 to 162.70): E

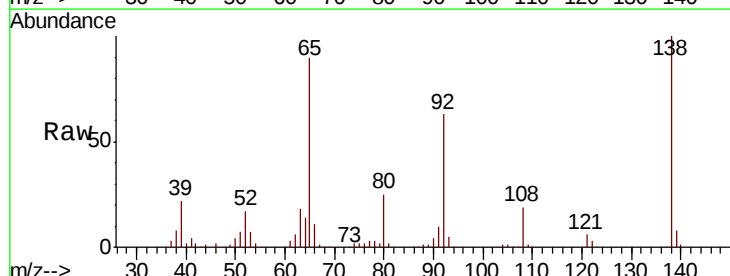
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.897 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	70.8	55.4	83.2	
138	111.6	87.2	130.8	

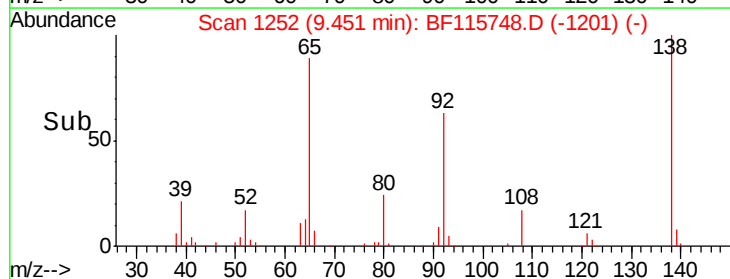
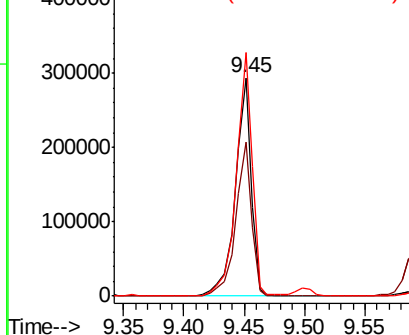


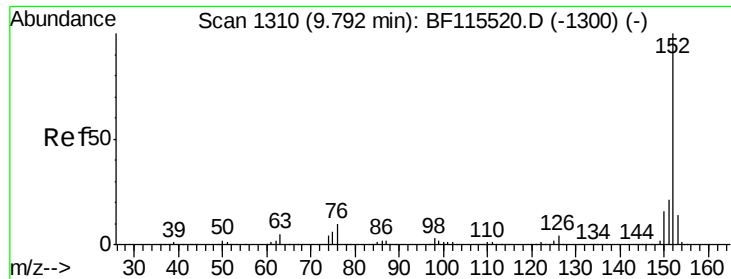
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.923 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB121678BSD

Tot Ion:152 Resp: 1328299

Ion Ratio Lower Upper

152 100

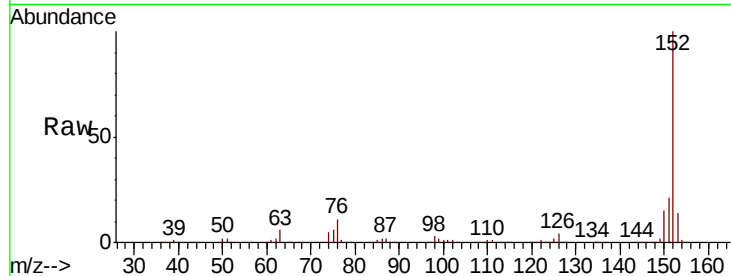
151 20.9 16.9 25.3

153 14.2 11.5 17.3

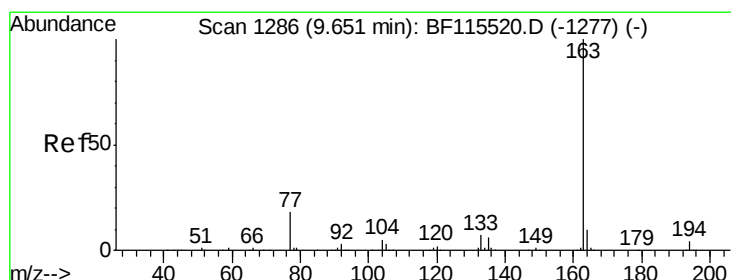
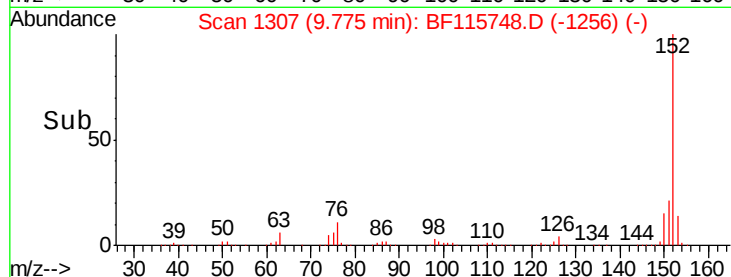
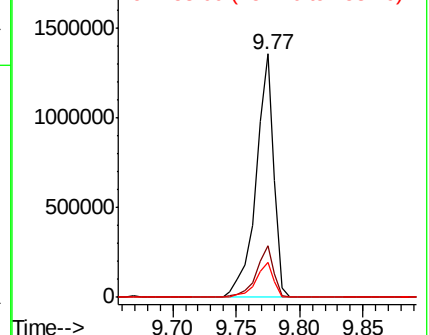
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.530 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

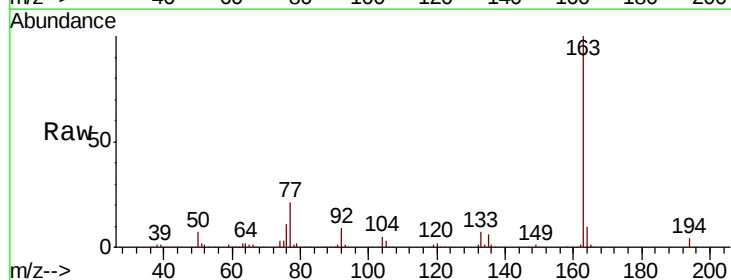
Tgt Ion:163 Resp: 1026129

Ion Ratio Lower Upper

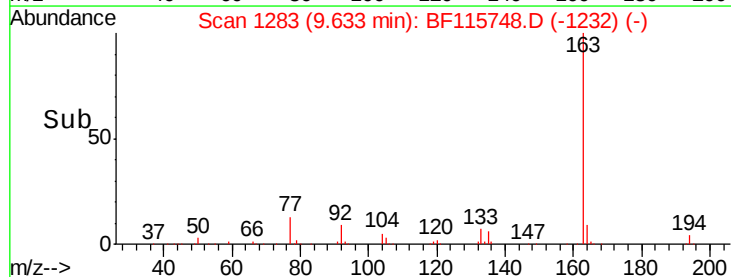
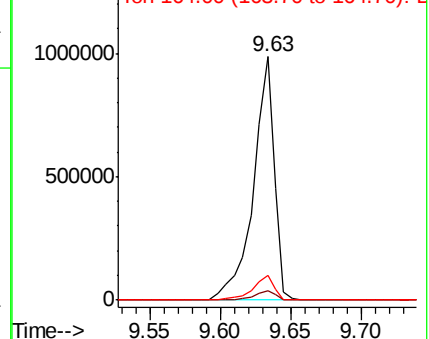
163 100

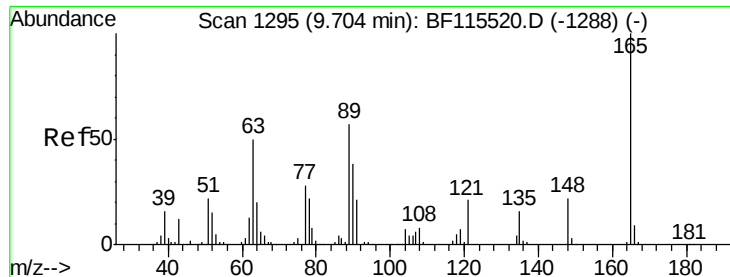
194 3.9 3.0 4.6

164 10.3 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





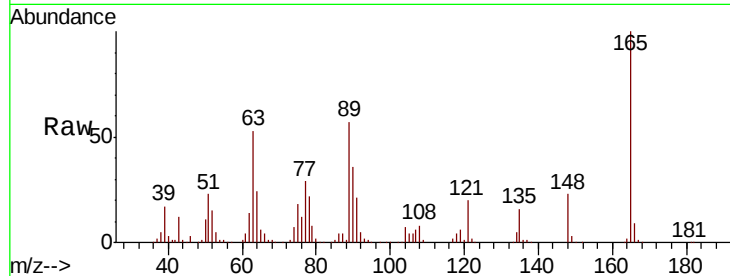
#51
2,6-Dinitrotoluene
Concen: 39.976 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

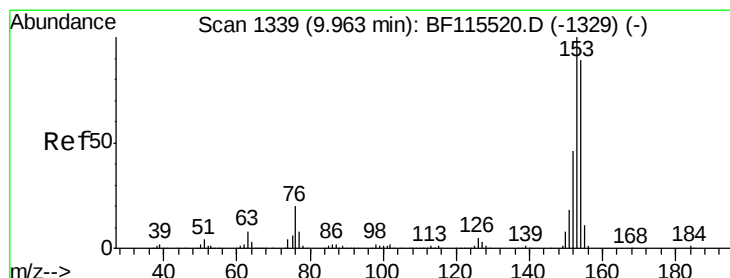
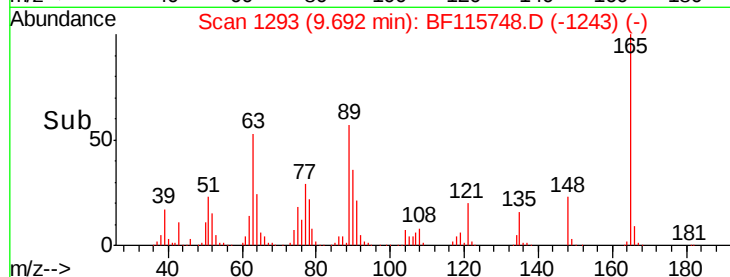
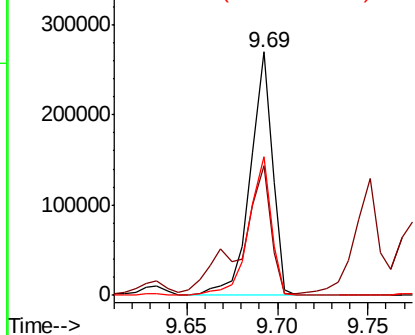
Tot Ion	Ratio	Resp	Lower	Upper
165	100	230006		
63	53.1		35.8	53.6
89	56.7		41.4	62.2

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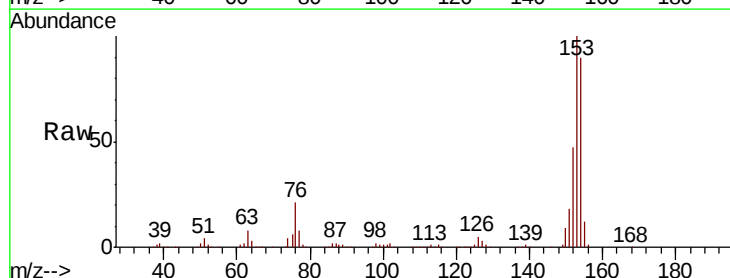


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

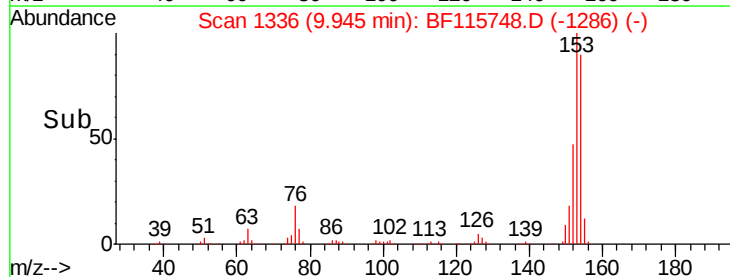
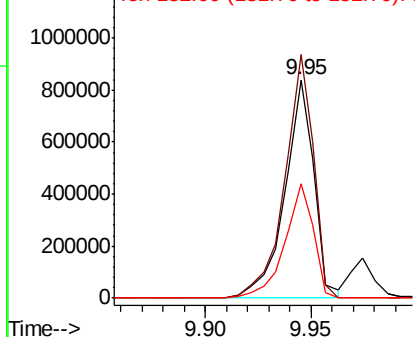


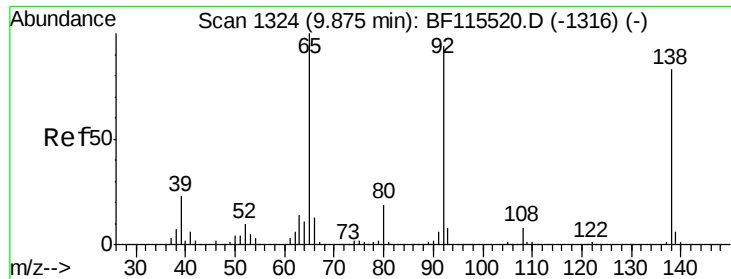
#52
Acenaphthene
Concen: 38.527 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	807354		
153	111.6		89.5	134.3
152	52.3		42.2	63.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





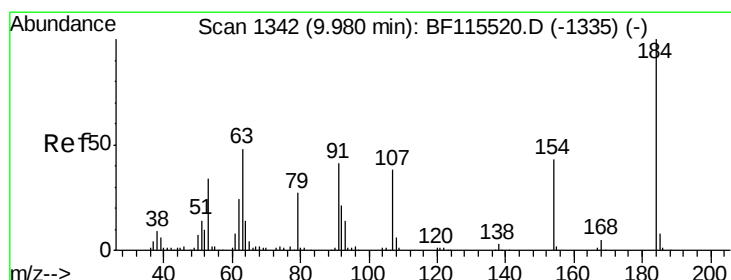
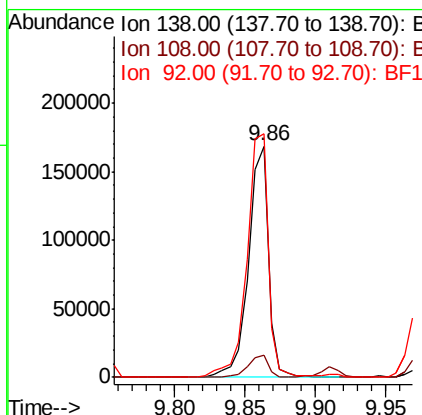
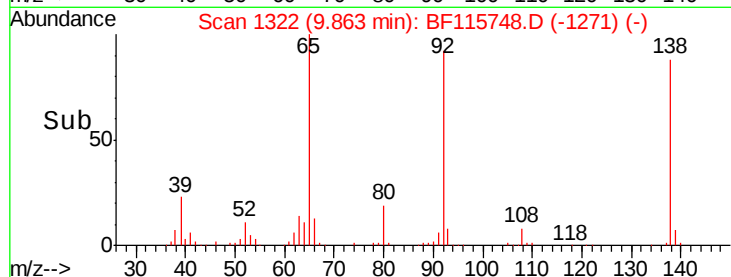
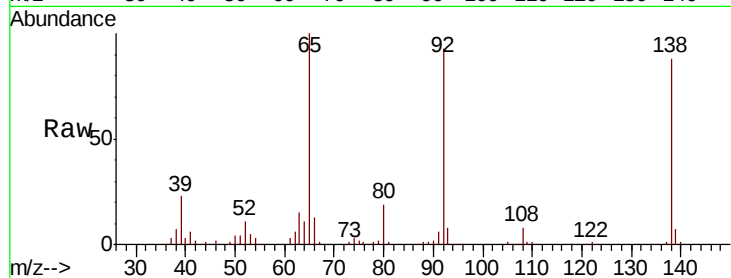
#53
3-Nitroaniline
Concen: 25.621 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.0	12.0
92	105.4	91.0	136.6

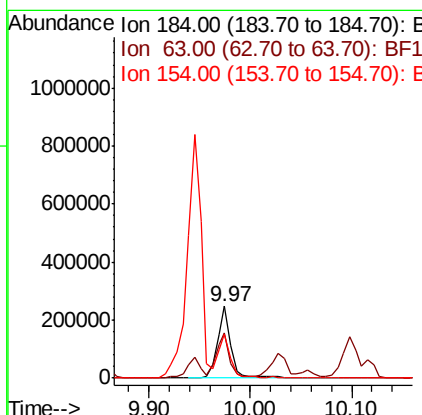
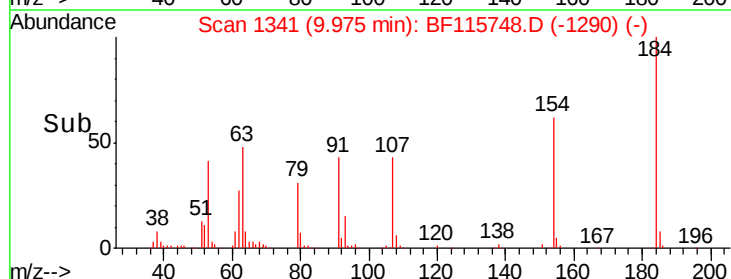
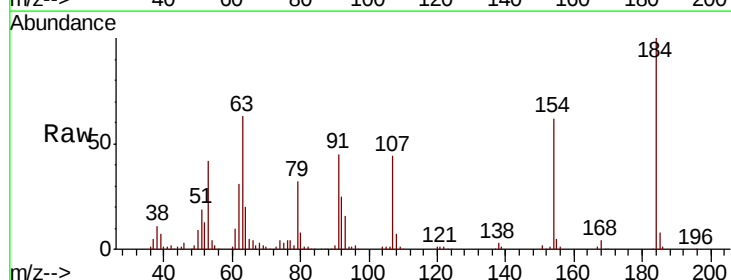
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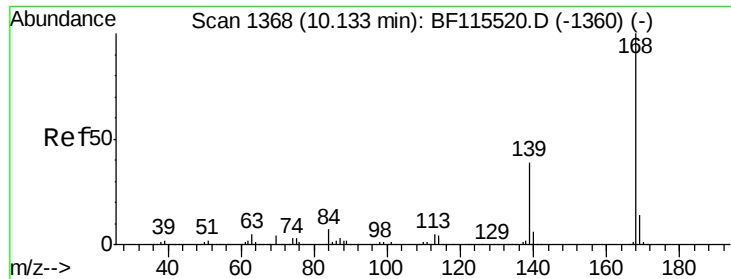
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#54
2,4-Dinitrophenol
Concen: 77.261 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.5	48.6	72.8
154	61.6	50.6	75.8





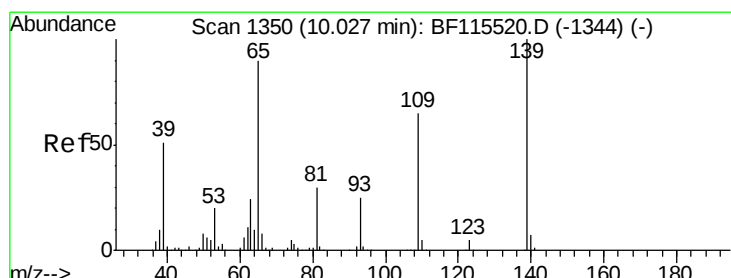
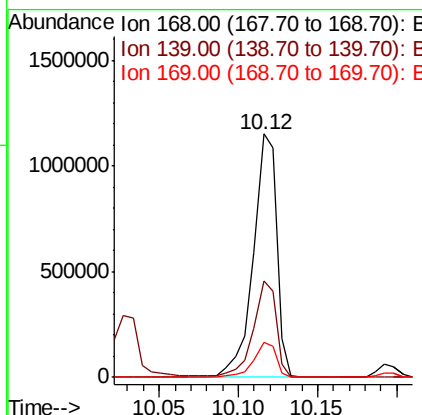
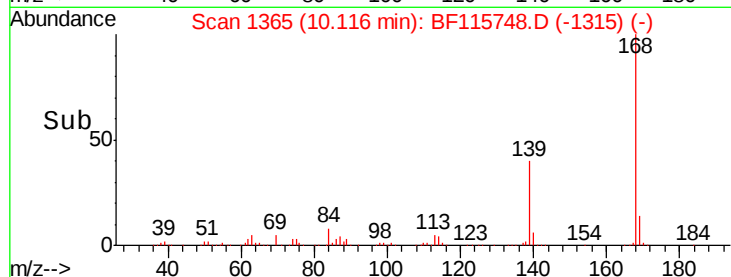
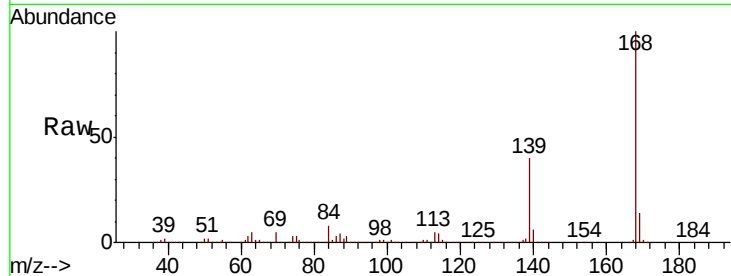
#55
Dibenzofuran
Concen: 39.987 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion:168 Resp: 1189976
Ion Ratio Lower Upper
168 100
139 39.8 30.3 45.5
169 14.4 11.0 16.6

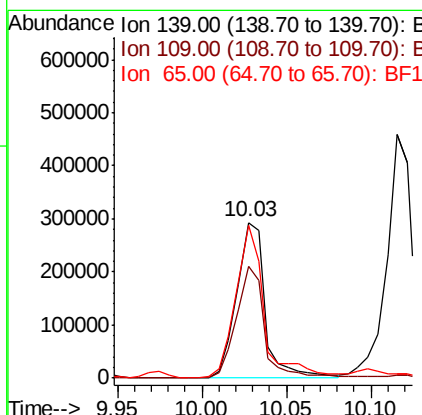
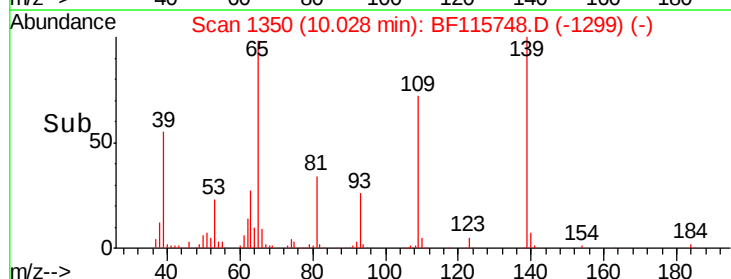
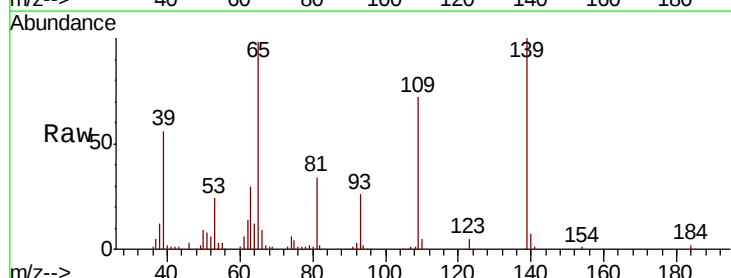
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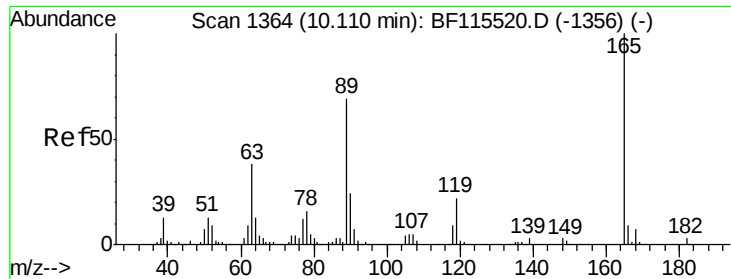
mohammad
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#56
4-Nitrophenol
Concen: 69.084 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:139 Resp: 346373
Ion Ratio Lower Upper
139 100
109 72.0 48.5 88.5
65 97.8 66.5 106.5





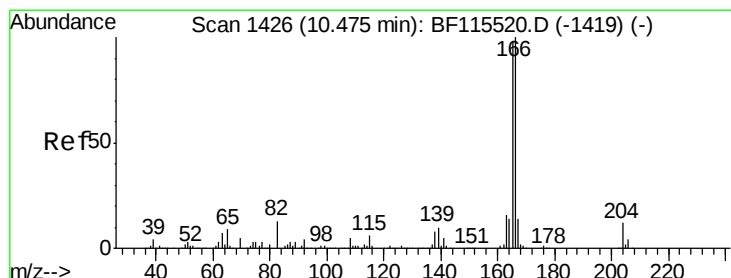
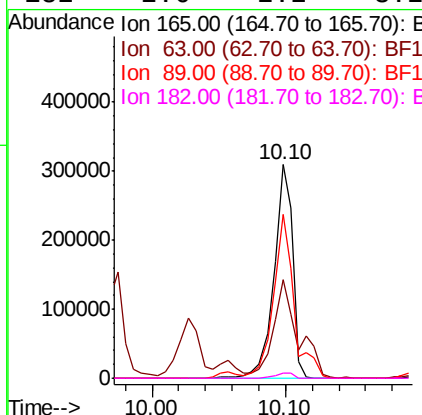
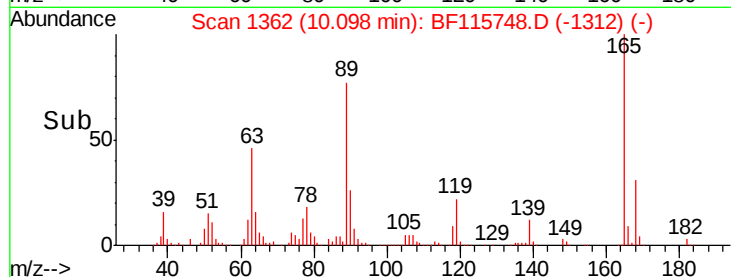
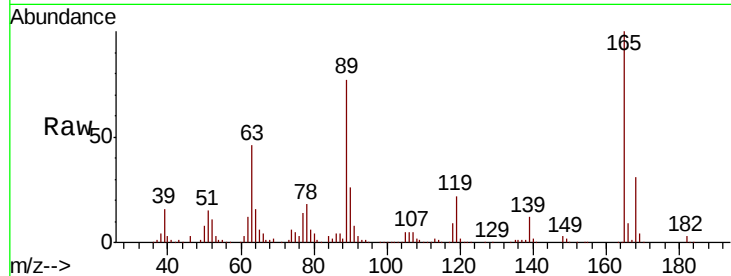
#57
2,4-Dinitrotoluene
Concen: 40.594 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	46.2	29.5	44.3#
89	76.8	52.2	78.4
182	2.6	2.2	3.2

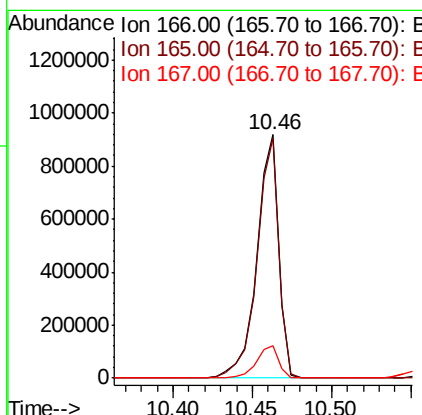
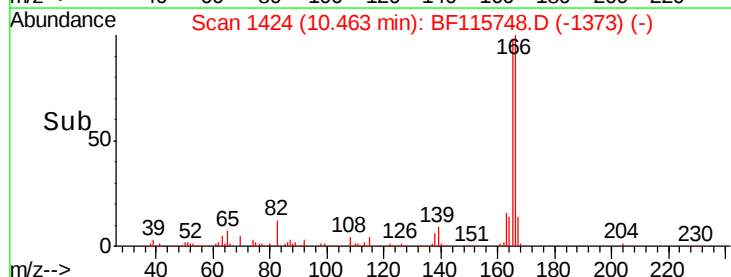
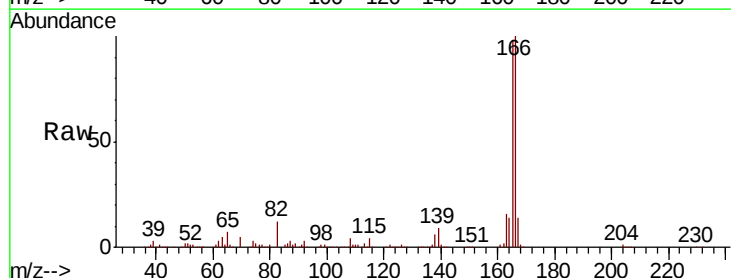
Manual Integrations
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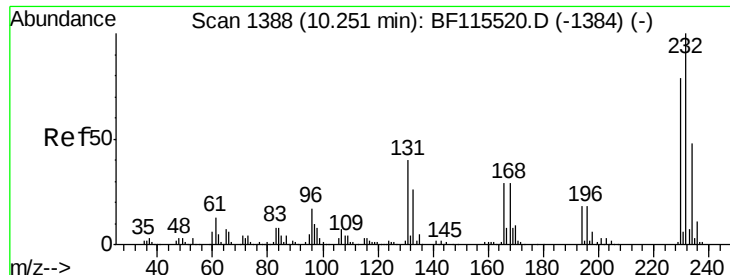
mohammad
7/25/2019 2:17:30 PM



#58
Fluorene
Concen: 41.593 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	78.1	117.1
167	13.5	10.9	16.3





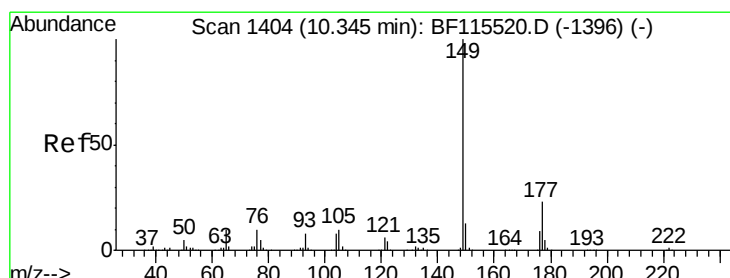
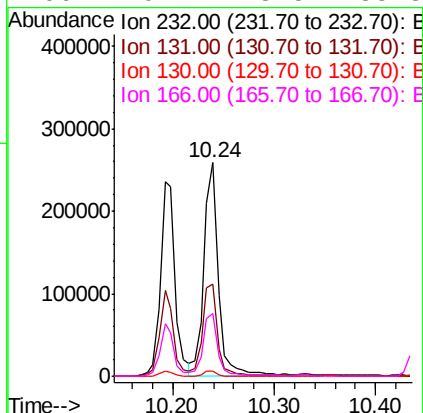
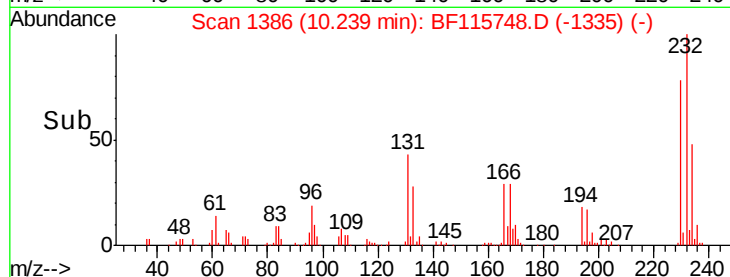
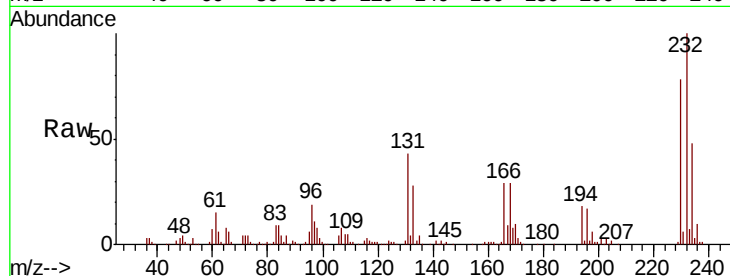
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.373 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121678BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	36.0	54.0
130	2.3	1.9	2.9
166	29.4	23.5	35.3

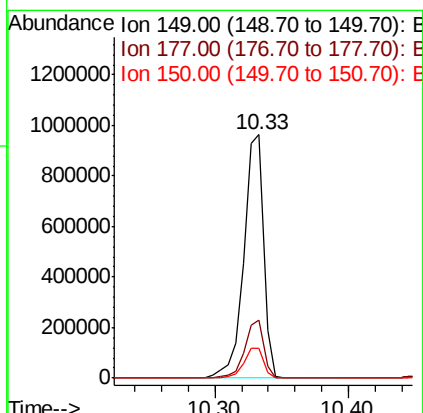
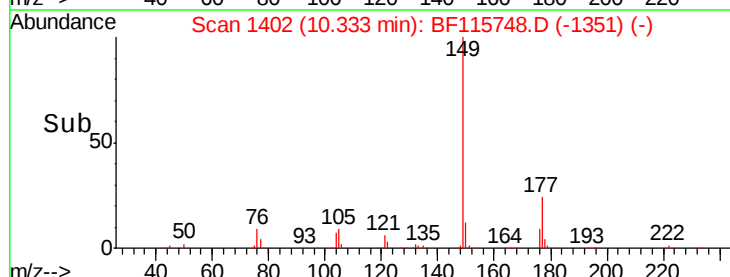
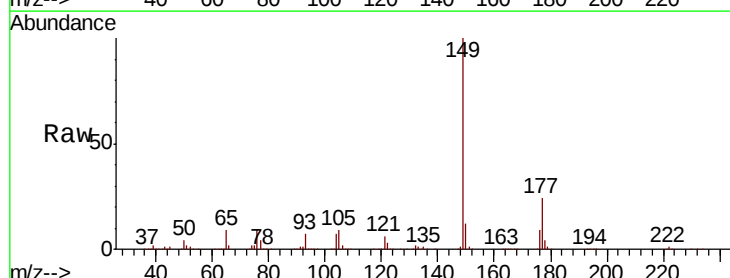
Manual Integrations
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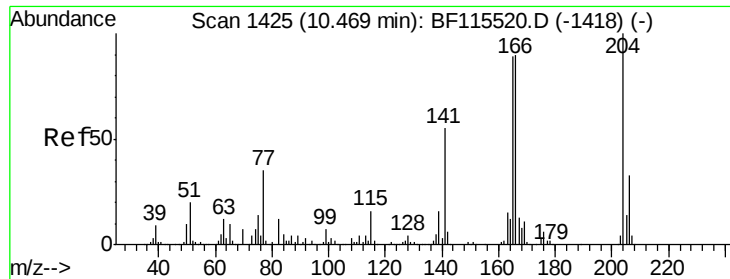
mohammad
 7/25/2019 2:17:30 PM



#60
 Diethylphthalate
 Concen: 41.384 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.9	28.3
150	12.4	10.1	15.1





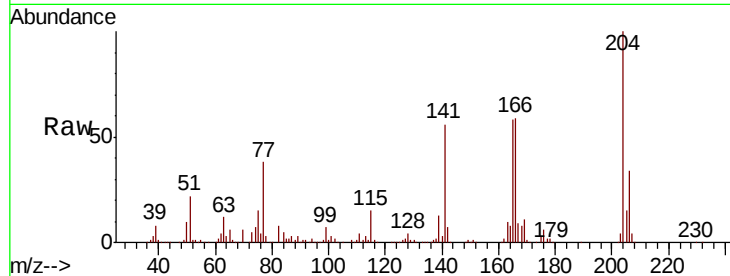
#61
4-Chlorophenyl-phenylether
Concen: 38.500 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.7	40.1
141	56.0	47.6	71.4

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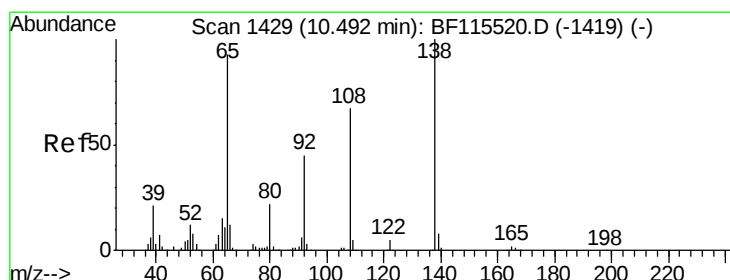
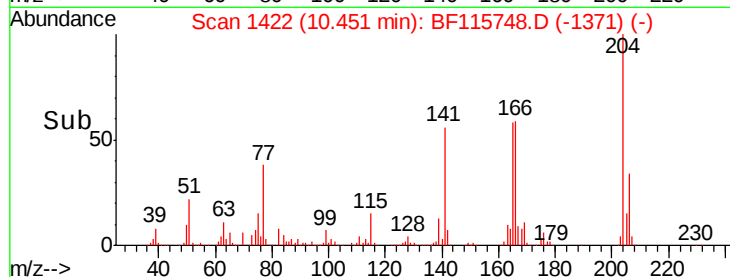
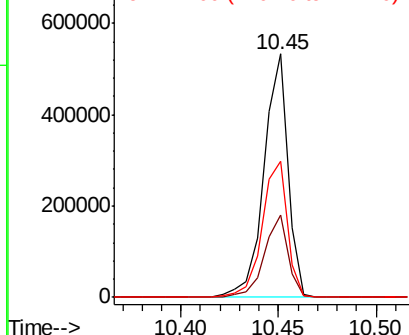


Abundance

Ion 204.00 (203.70 to 204.70): E

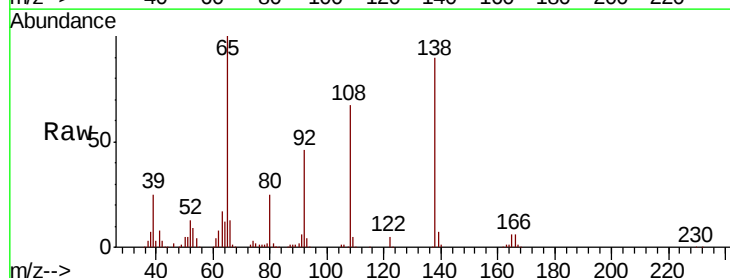
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.283 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	29.3	69.3
108	75.0	53.6	93.6

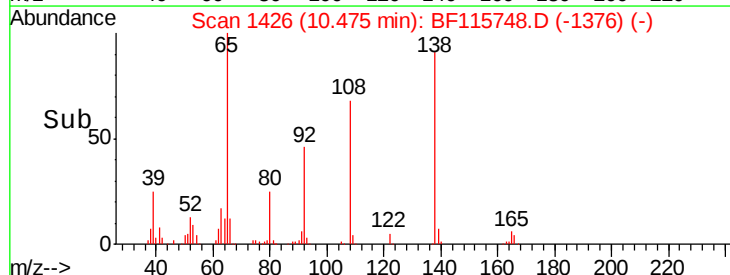
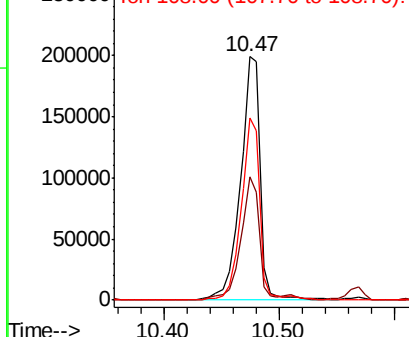


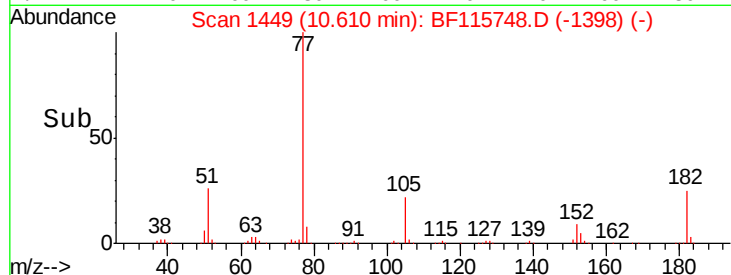
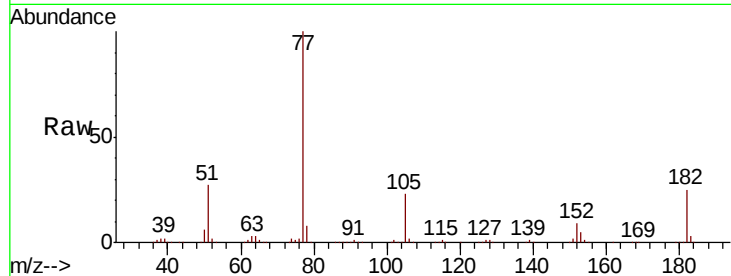
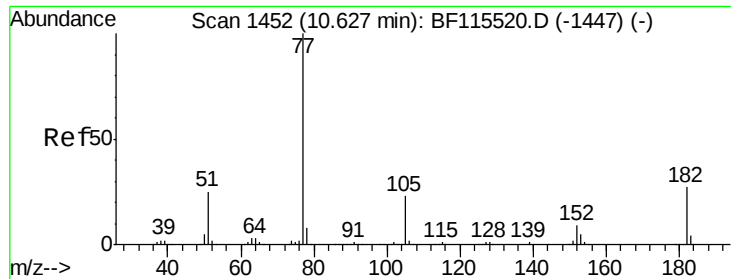
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





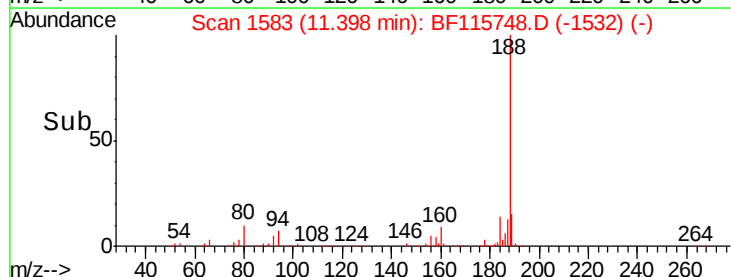
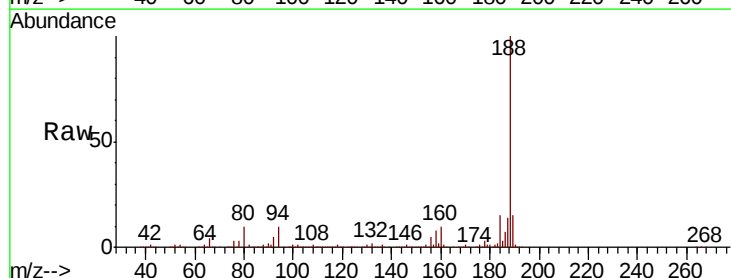
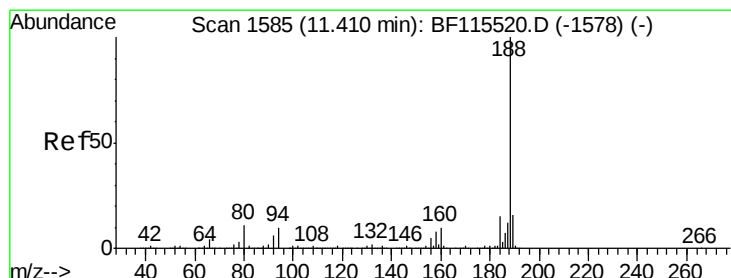
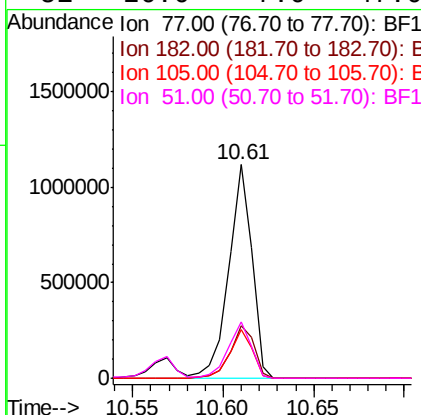
#63
Azobenzene
Concen: 43.355 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.7	4.2	44.2
105	22.8	2.5	42.5
51	26.6	7.0	47.0

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

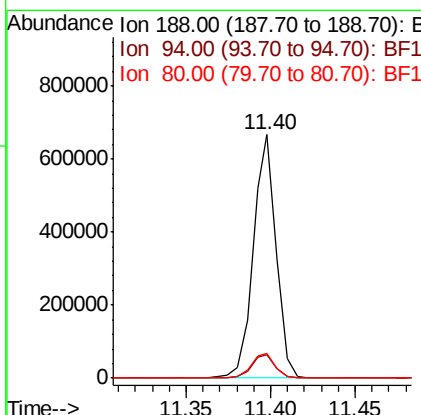
Manual Integrations
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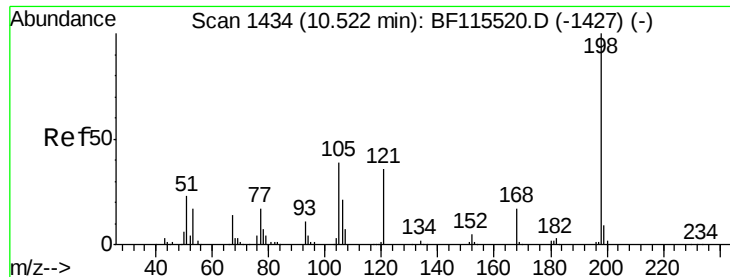
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.4	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 40.521 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

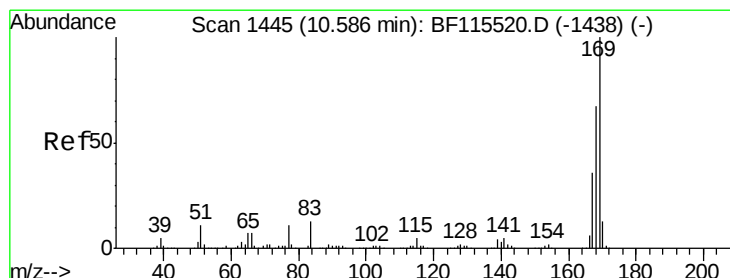
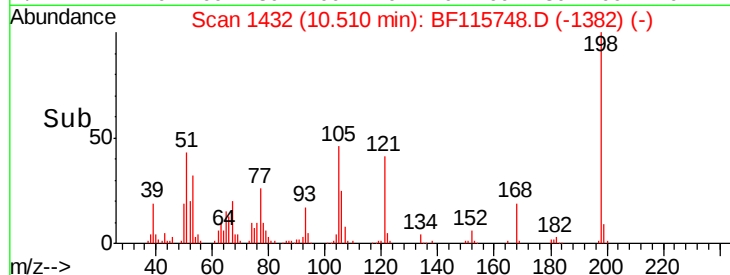
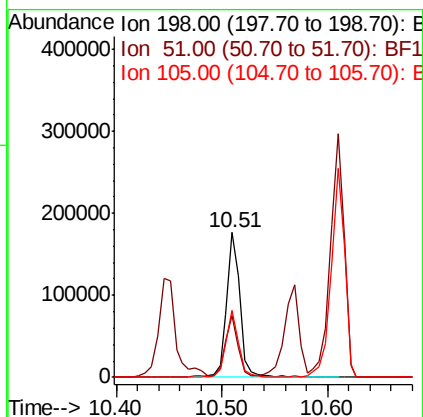
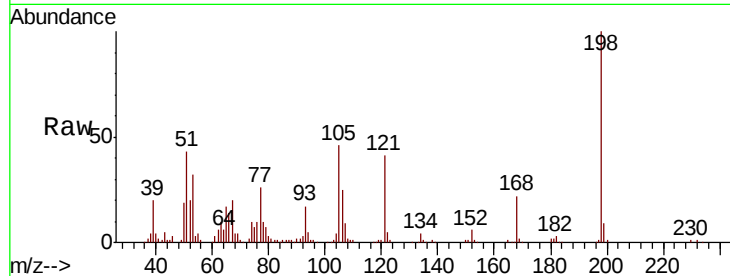
ClientSampleId :

PB121678BSD

Tot Ion:	198	Resp:	155151
Ion Ratio	Lower	Upper	
198	100		
51	43.2	15.7	55.7
105	45.9	21.5	61.5

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#66

n-Nitrosodiphenylamine

Concen: 41.829 ng

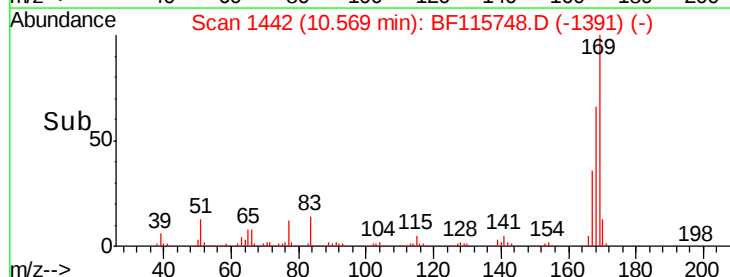
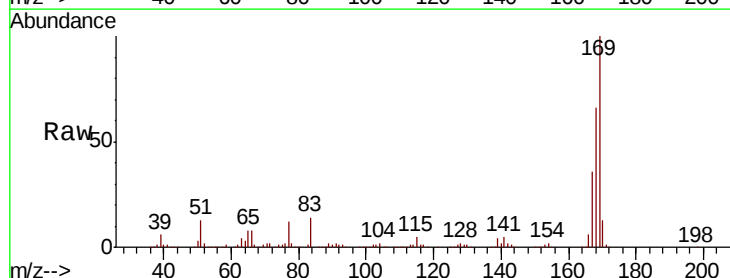
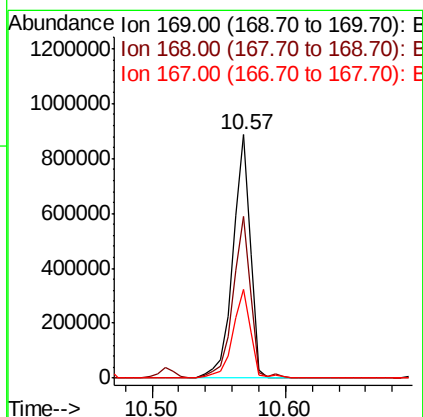
RT: 10.57 min Scan# 1442

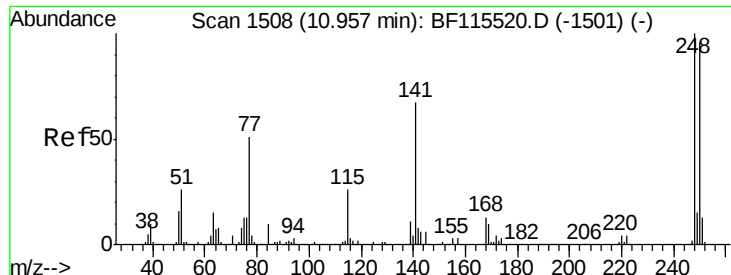
Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:	169	Resp:	815427
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.5	80.3
167	36.4	29.0	43.4





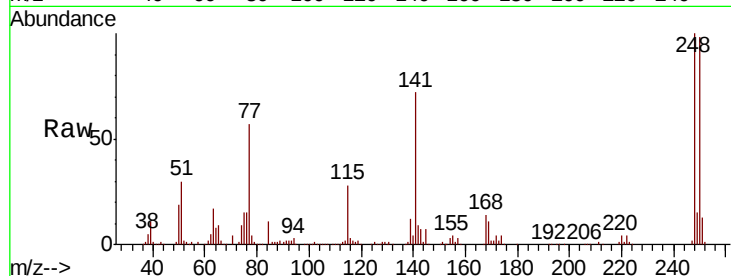
#67
4-Bromophenyl-phenylether
Concen: 39.791 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.1	114.1
141	72.2	57.7	86.5

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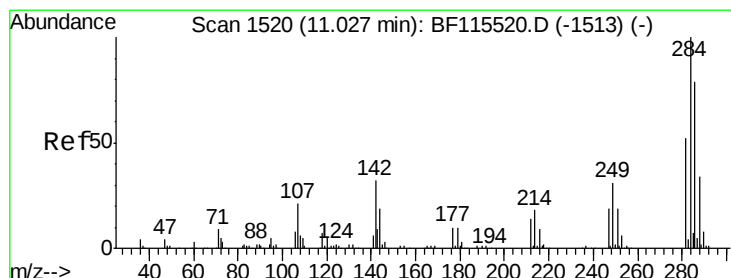
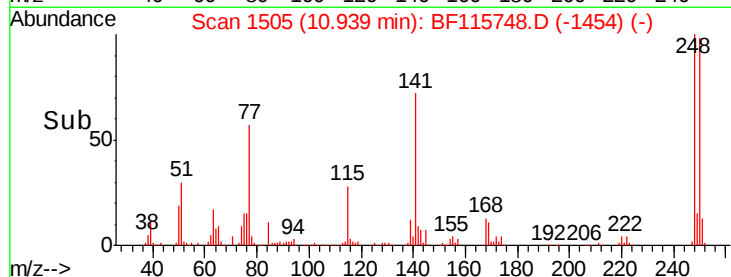
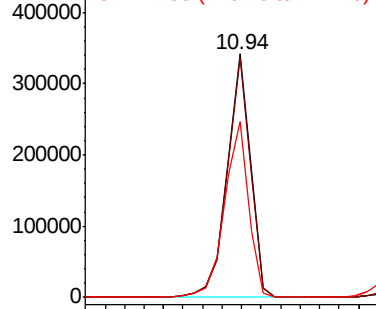


Abundance

Ion 248.00 (247.70 to 248.70): E

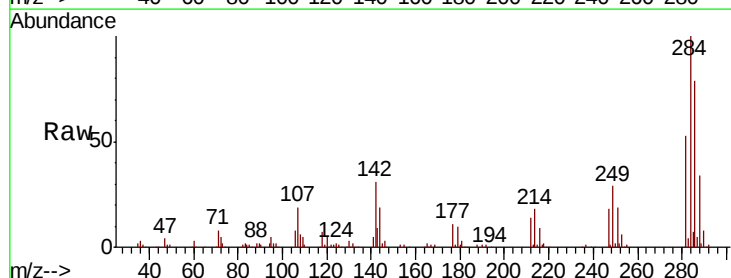
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.743 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.2	26.4	39.6
249	29.5	23.8	35.8

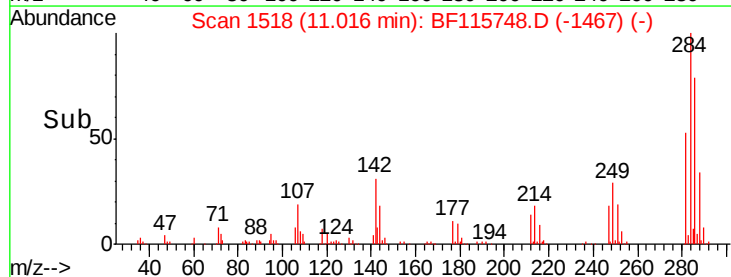
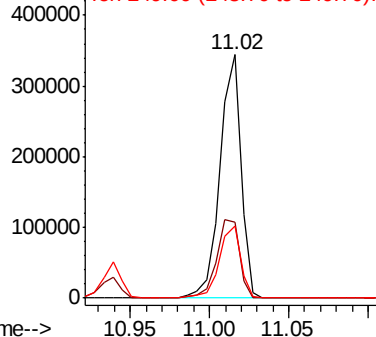


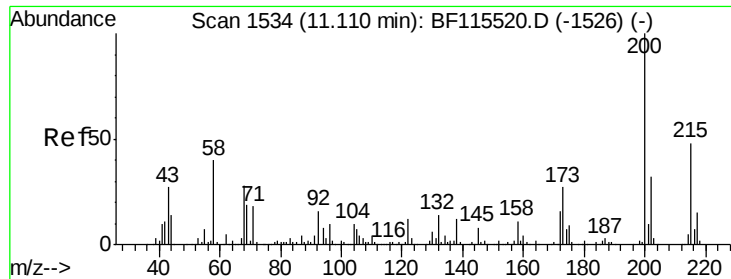
Abundance

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





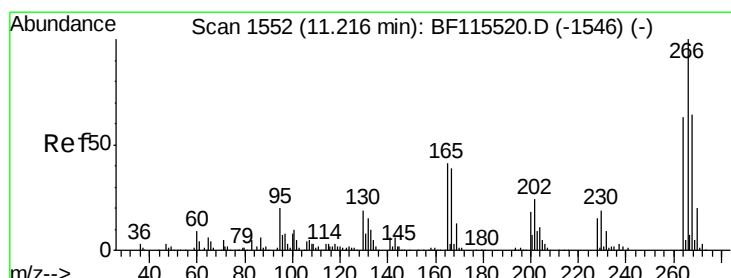
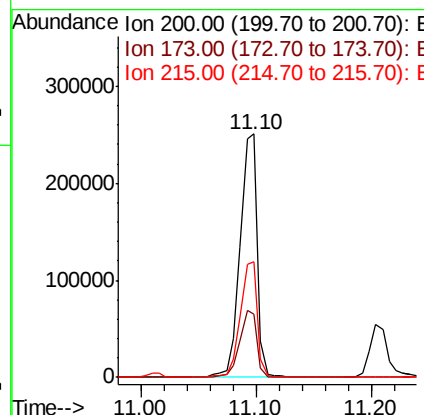
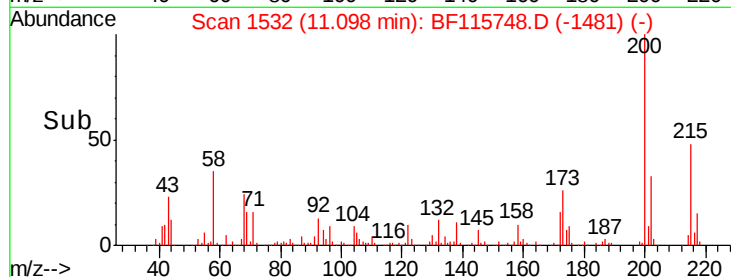
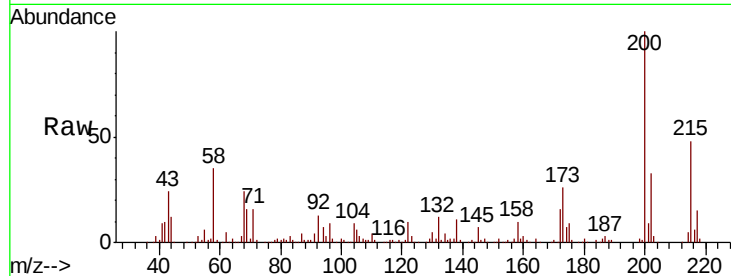
#69
Atrazine
Concen: 40.447 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.8	6.1	46.1
215	47.7	28.8	68.8

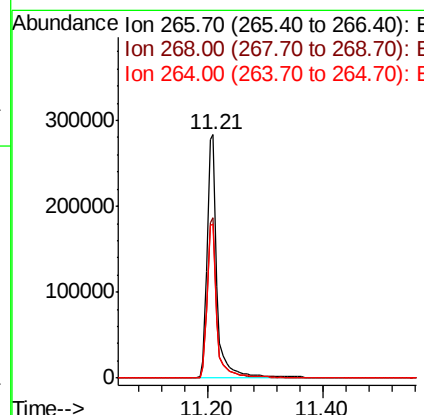
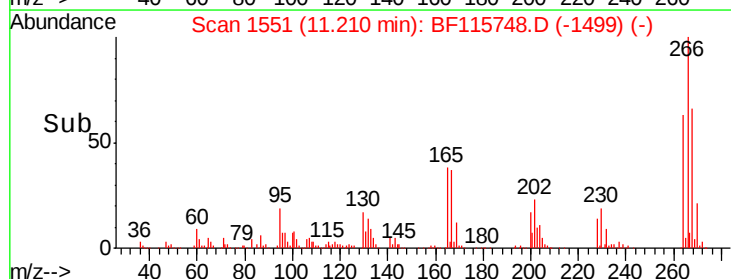
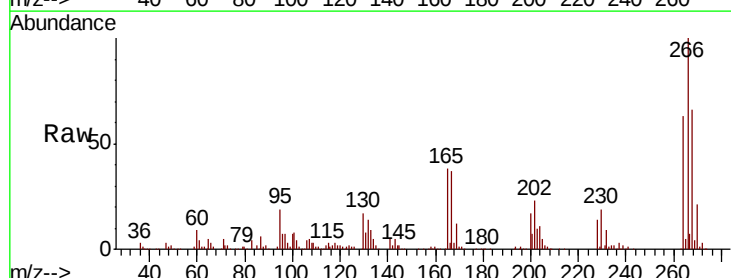
Manual Integrations
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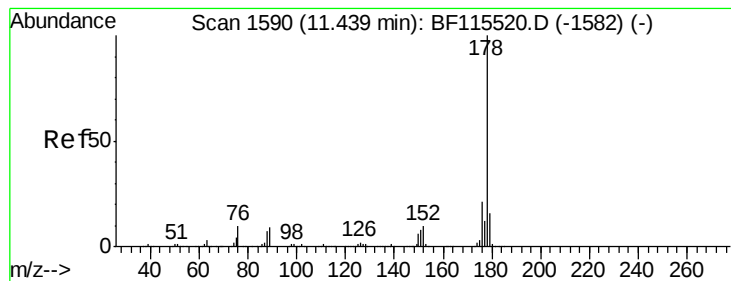
mohammad
7/25/2019 2:17:30 PM



#70
Pentachlorophenol
Concen: 69.756 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.7	50.8	76.2
264	63.2	50.3	75.5





#71

Phenanthrene

Concen: 40.792 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB121678BSD

Tot Ion:178 Resp: 1310391

Ion Ratio Lower Upper

178 100

176 20.6 16.2 24.4

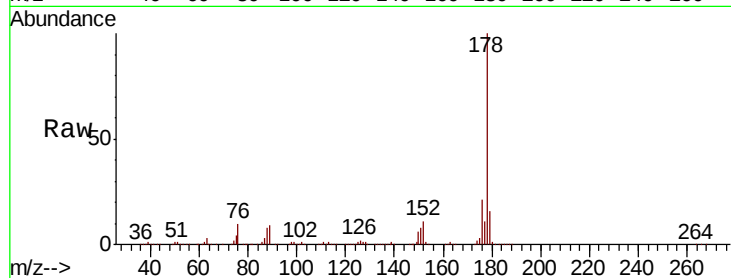
179 16.1 13.0 19.6

Manual Integrations

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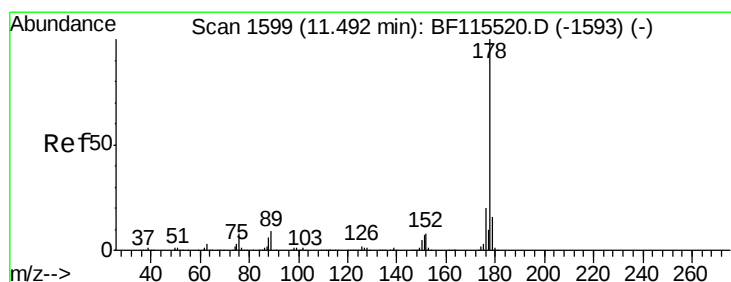
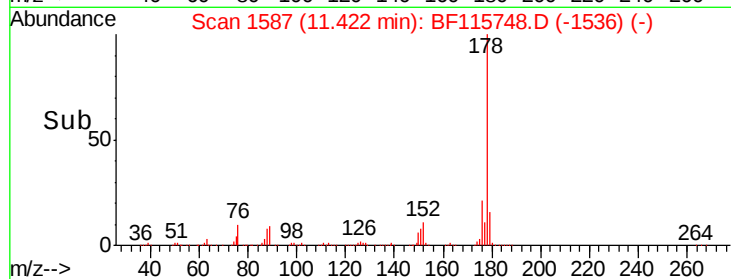
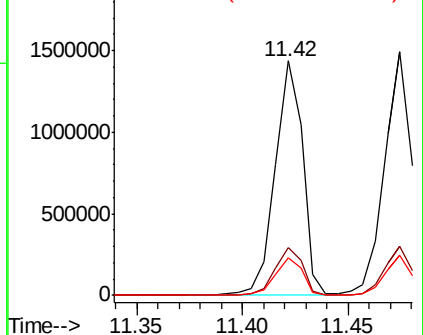
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.398 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:178 Resp: 1341172

Ion Ratio Lower Upper

178 100

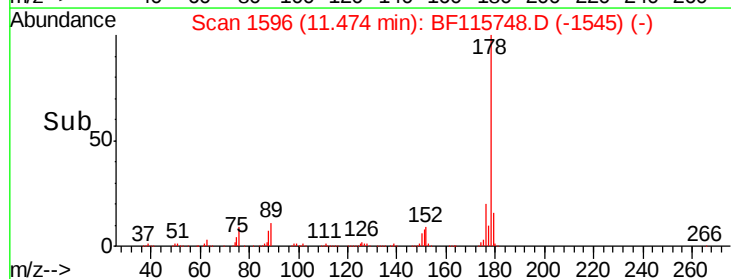
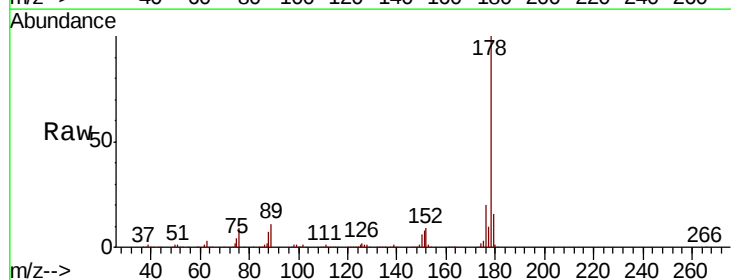
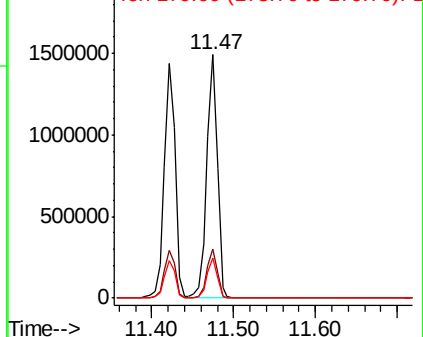
176 20.2 16.2 24.4

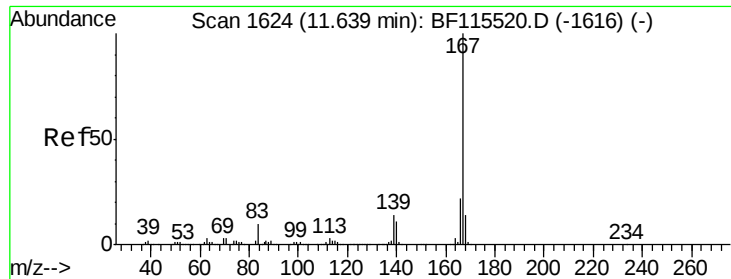
179 16.4 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





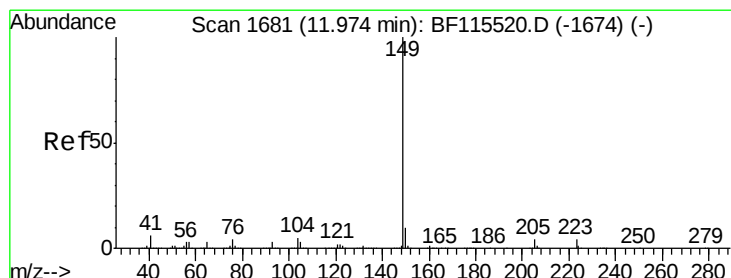
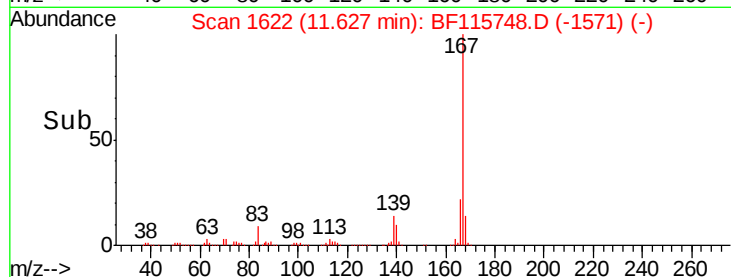
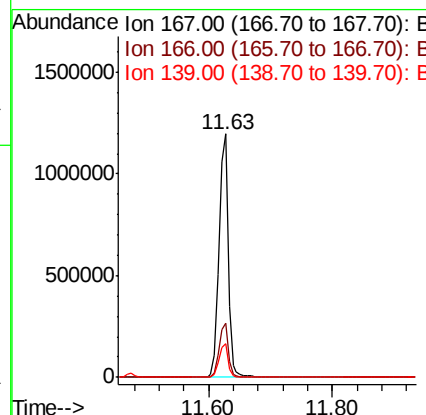
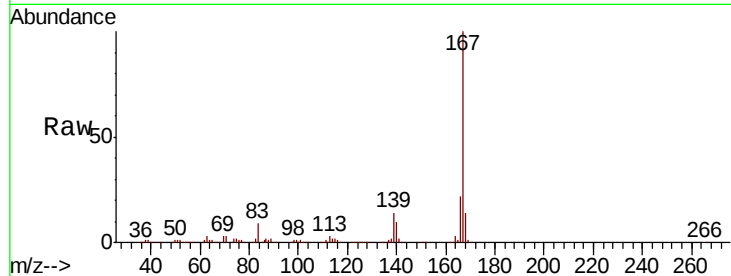
#73
 Carbazole
 Concen: 41.265 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121678BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.5	27.7
139	13.7	11.1	16.7

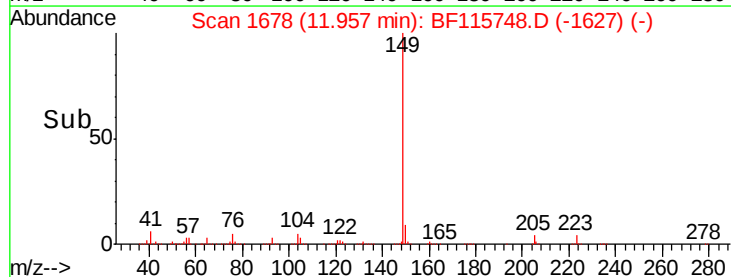
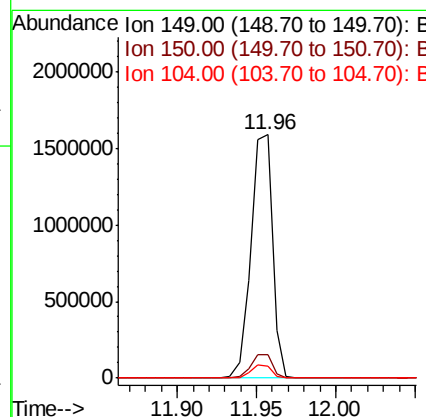
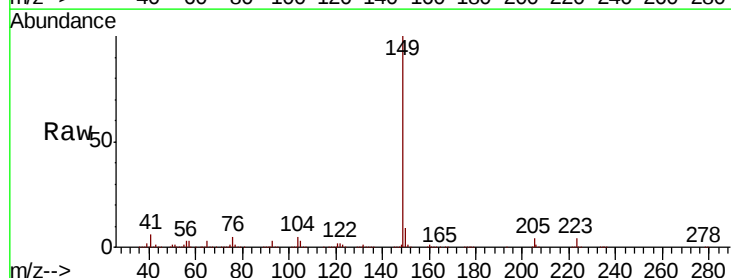
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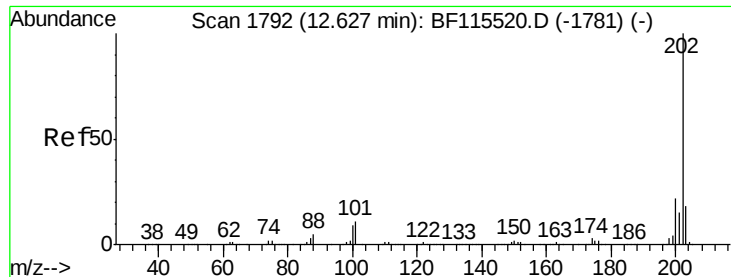
mohammad
 7/25/2019 2:17:30 PM



#74
 Di-n-butylphthalate
 Concen: 41.867 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.2	6.2





#75

Fluoranthene

Concen: 40.304 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

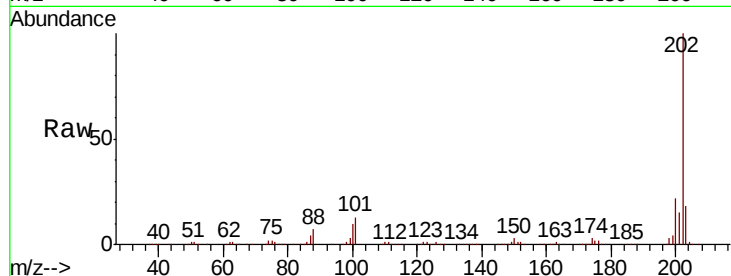
ClientSampleId :

PB121678BSD

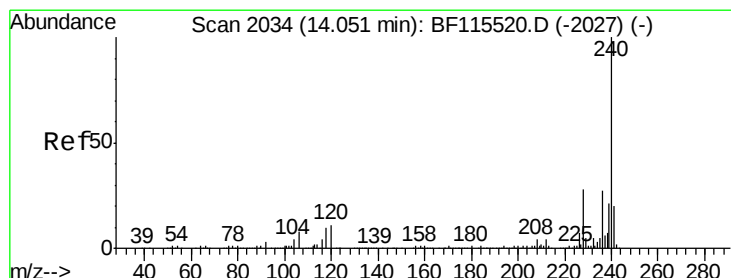
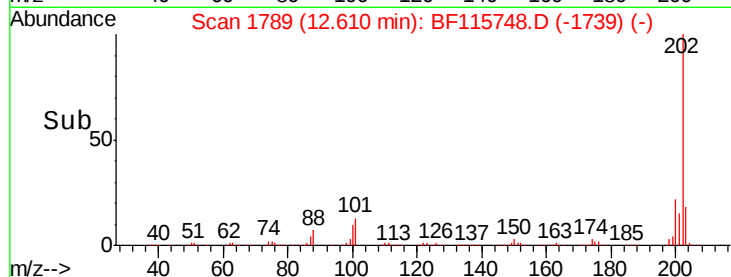
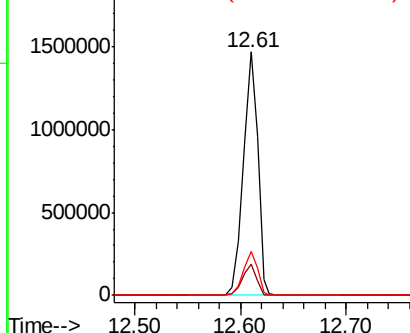
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.9	0.0	31.1		
203	18.2	0.0	37.7		

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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

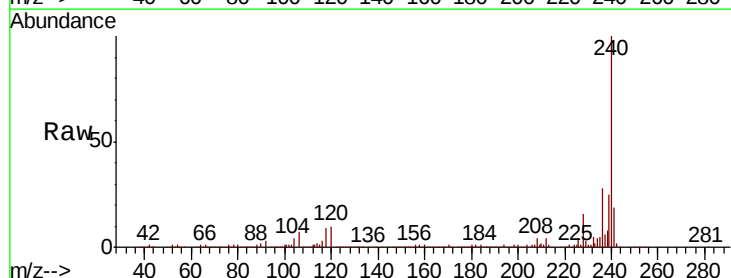
RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

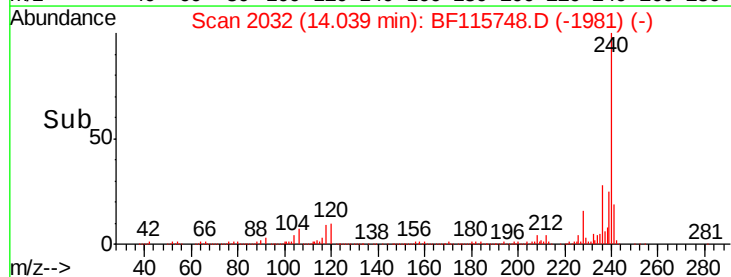
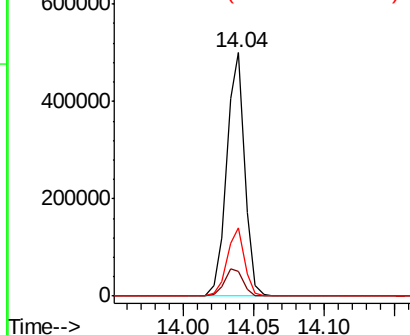
Lab File: BF115748.D

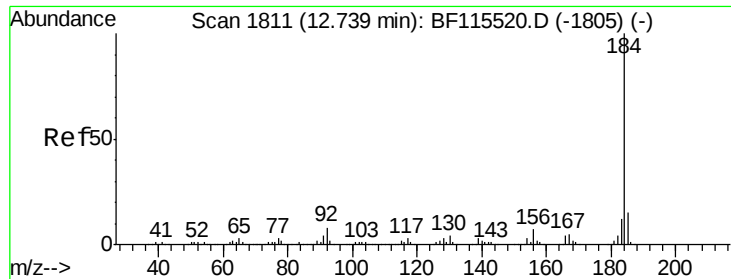
Acq: 24 Jul 2019 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	10.4	10.3	15.5		
236	27.8	21.9	32.9		



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.929 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

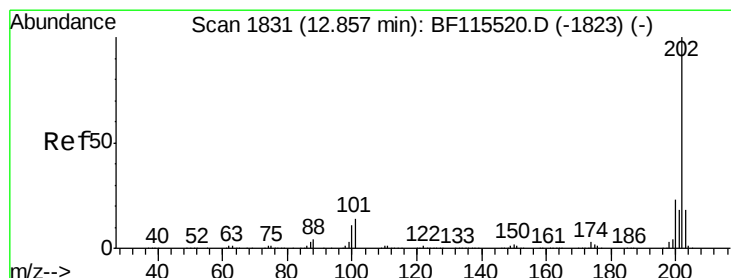
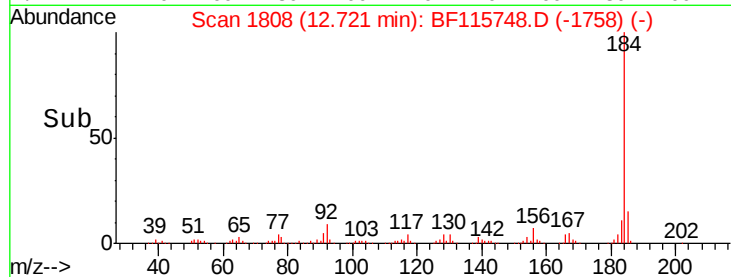
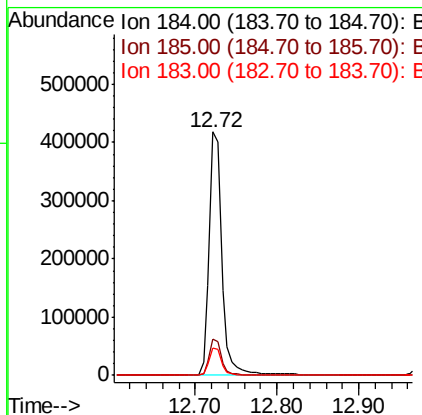
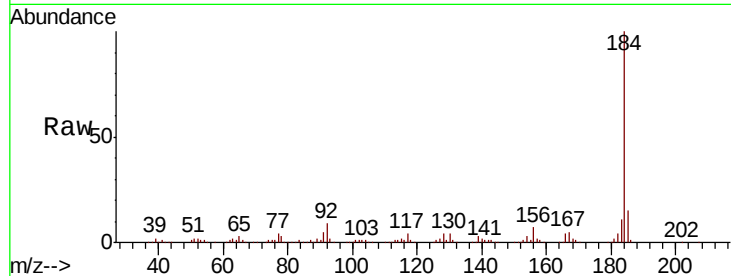
ClientSampleId :

PB121678BSD

Tot Ion:	184	Resp:	453593
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.8	17.8
183	11.4	9.4	14.0

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#78

Pyrene

Concen: 37.010 ng

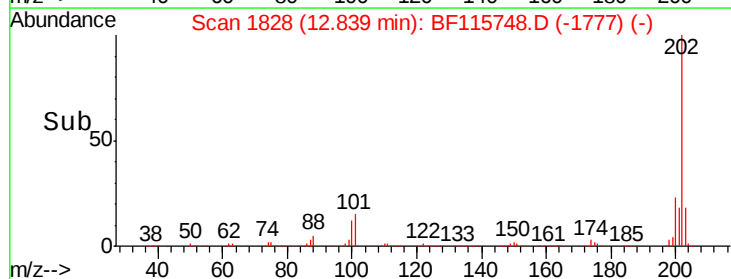
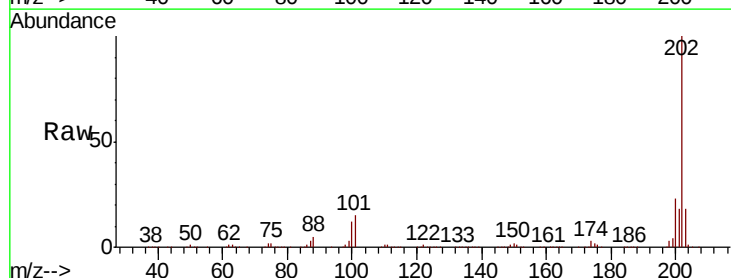
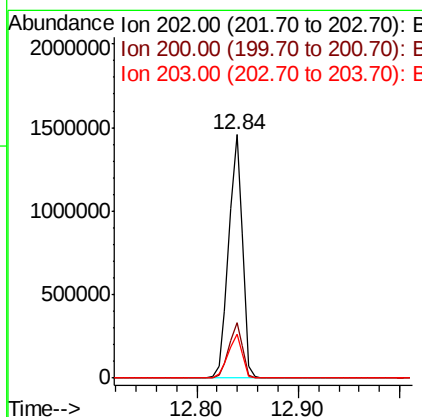
RT: 12.84 min Scan# 1828

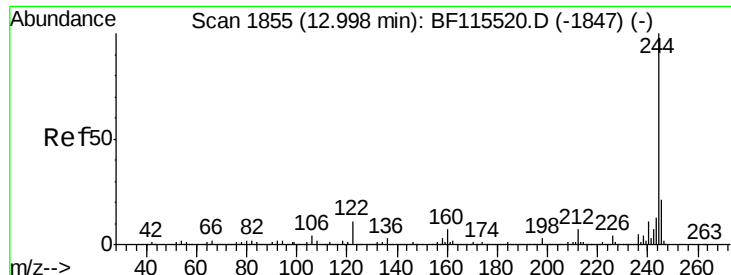
Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:	202	Resp:	1387870
Ion Ratio	Lower	Upper	
202	100		
200	22.8	18.1	27.1
203	18.3	14.7	22.1





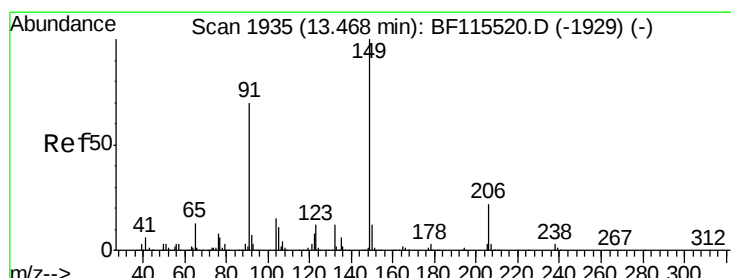
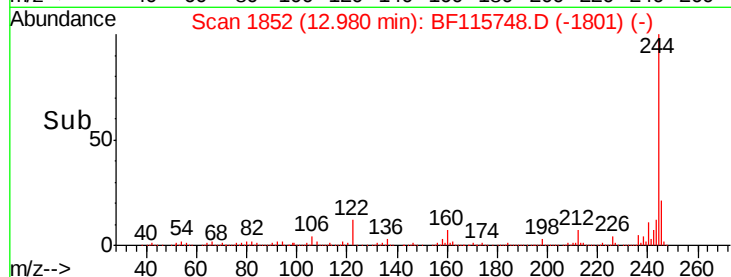
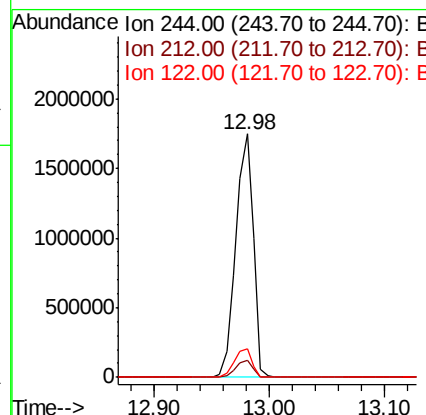
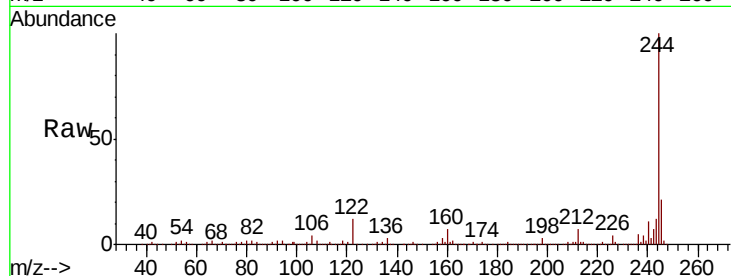
#79
 Terphenyl-d14
 Concen: 76.587 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB121678BSD

Tot Ion:244 Resp: 1837163
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 11.5 9.4 14.0

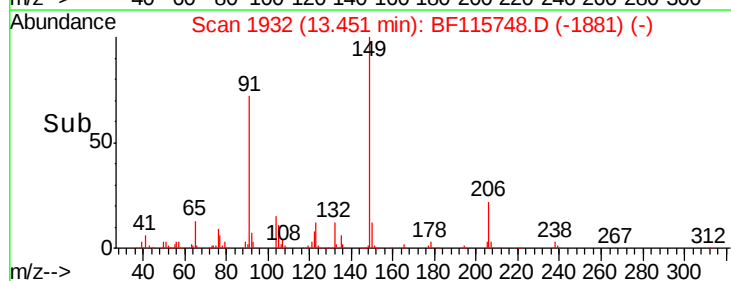
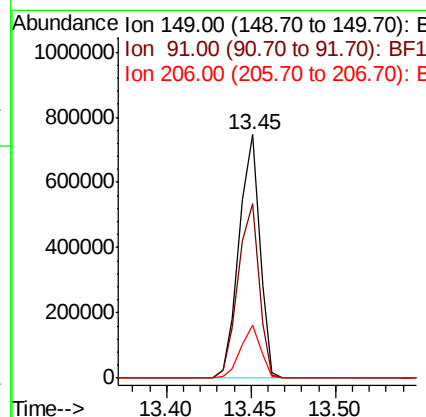
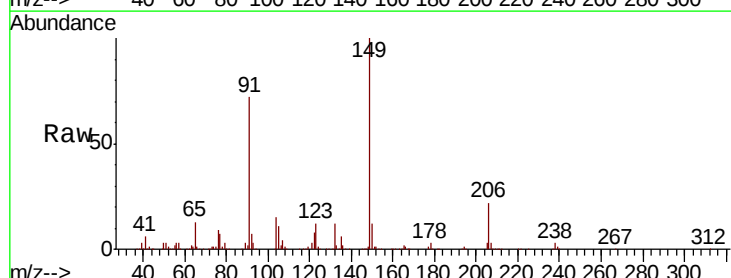
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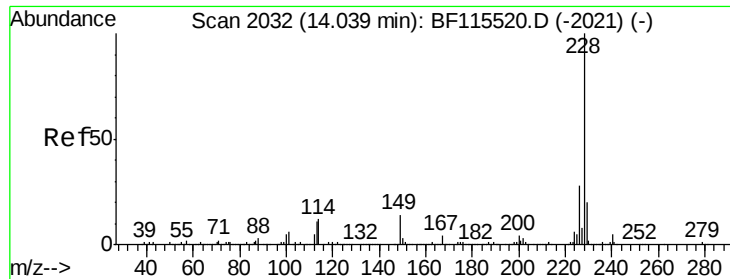
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#80
 Butylbenzylphthalate
 Concen: 39.896 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BF115748.D
 Acq: 24 Jul 2019 14:14

Tgt Ion:149 Resp: 637779
 Ion Ratio Lower Upper
 149 100
 91 71.9 58.2 87.2
 206 21.8 16.9 25.3





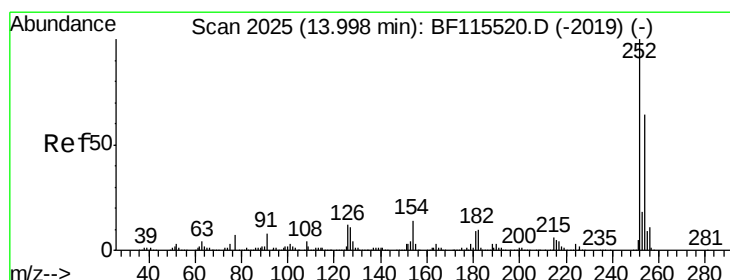
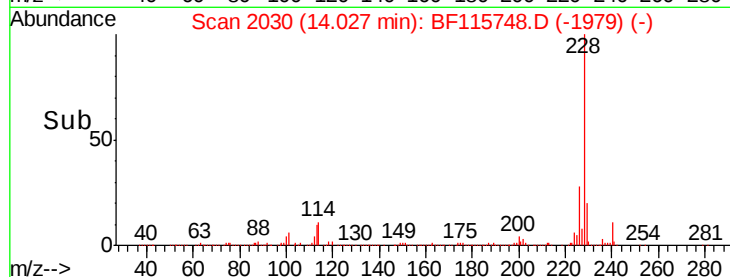
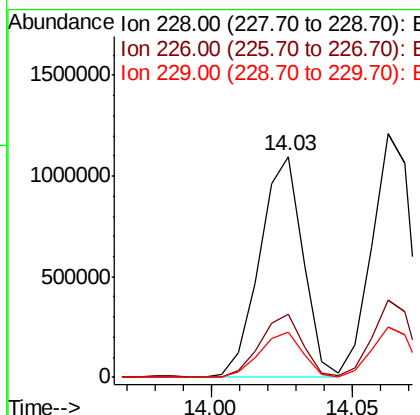
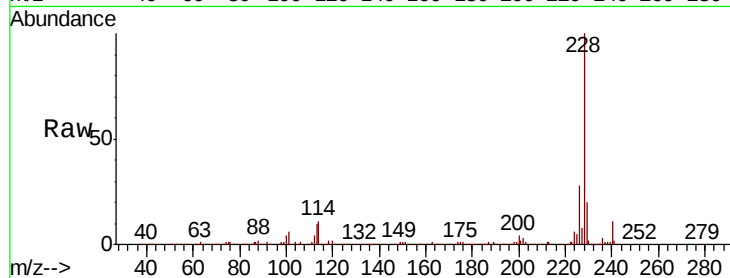
#81
Benzo(a)anthracene
Concen: 40.084 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.6
229	20.5	16.6	24.8

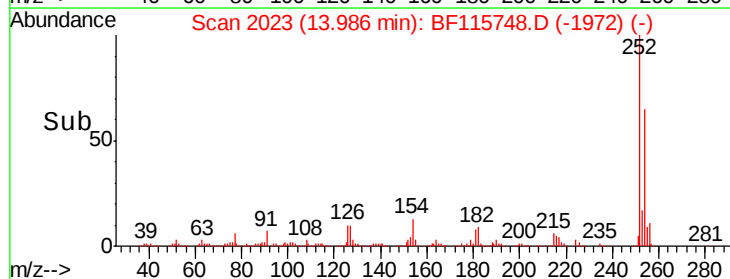
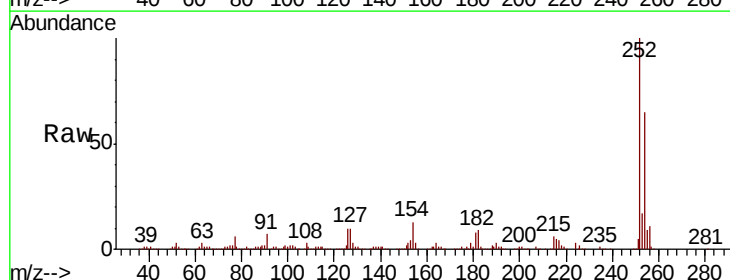
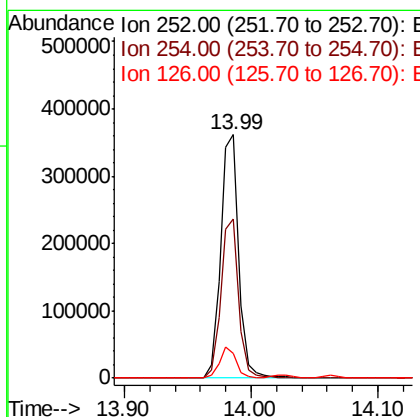
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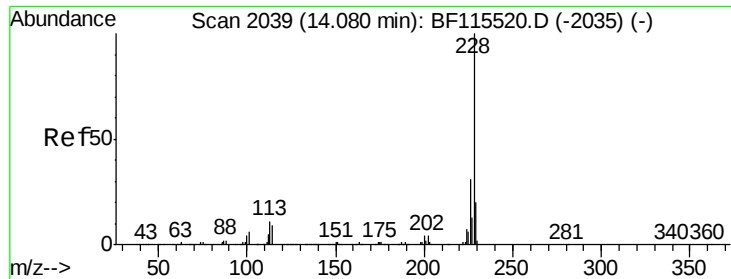
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.671 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.4	77.0
126	10.0	9.4	14.0





#83

Chrysene

Concen: 39.173 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

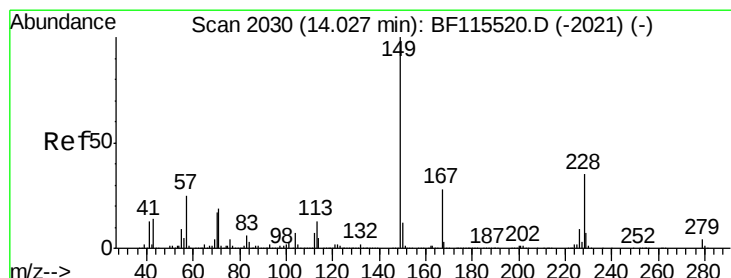
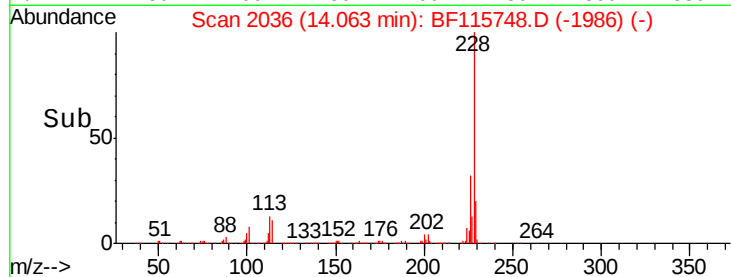
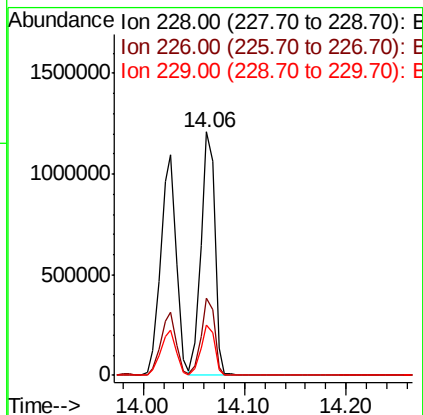
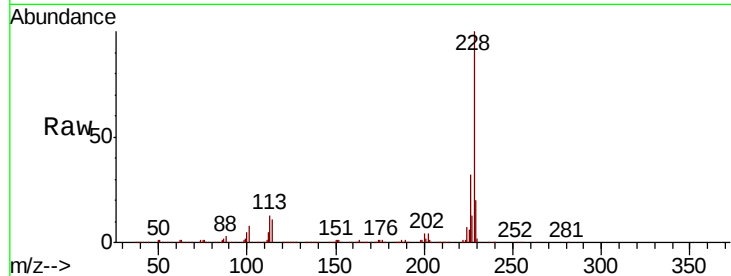
ClientSampleId :

PB121678BSD

Tot Ion:	228	Resp:	1146694
Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	20.4	16.5	24.7

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#84

Bis(2-ethylhexyl)phthalate

Concen: 45.028 ng

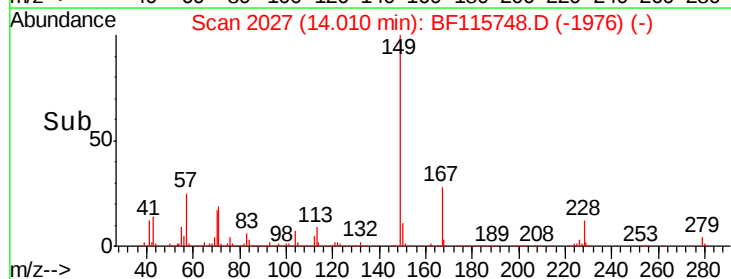
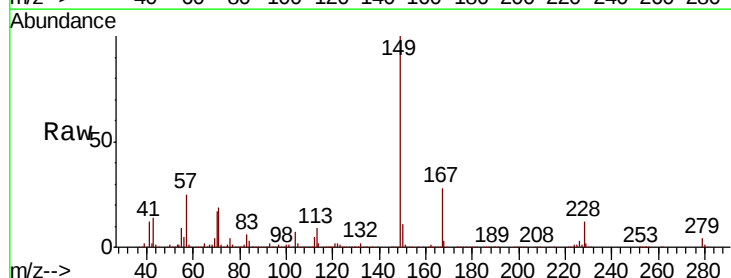
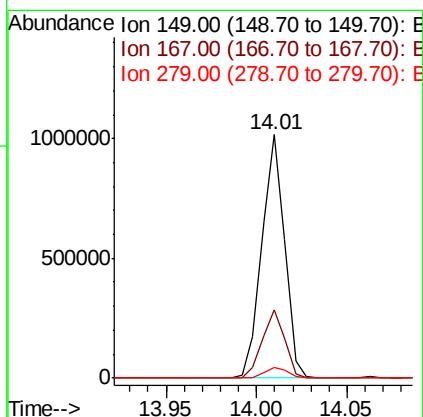
RT: 14.01 min Scan# 2027

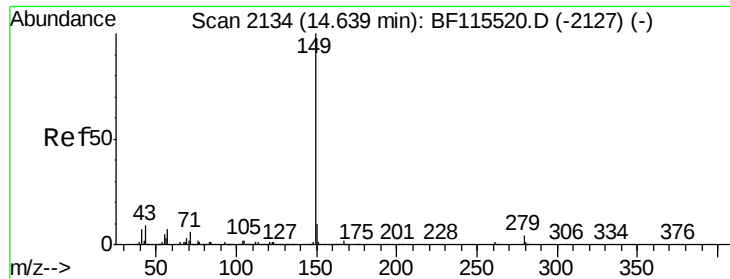
Delta R.T. 0.00 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Tgt Ion:	149	Resp:	891632
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	33.8
279	4.3	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 47.173 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

Instrument :

BNA_F

ClientSampleId :

PB121678BSD

Tot Ion:149 Resp: 1486233

Ion Ratio Lower Upper

149 100

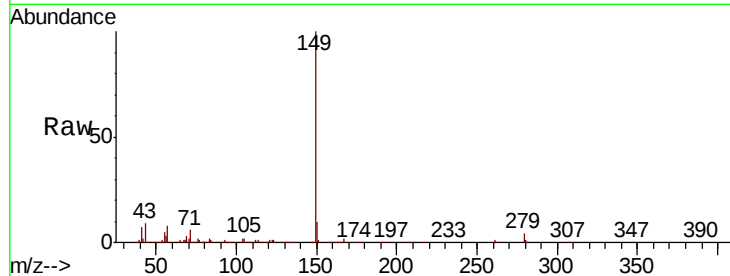
167 1.6 1.4 2.0

43 9.0 7.4 11.0

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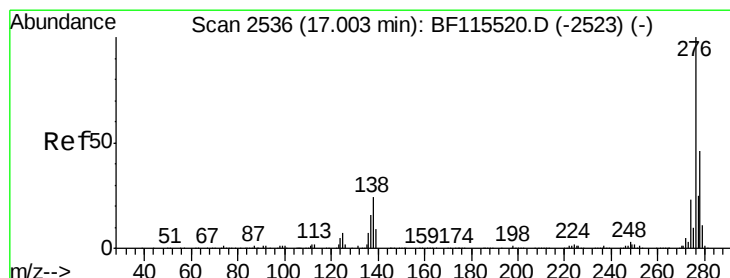
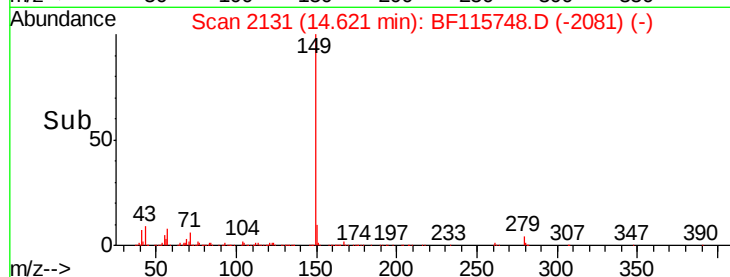
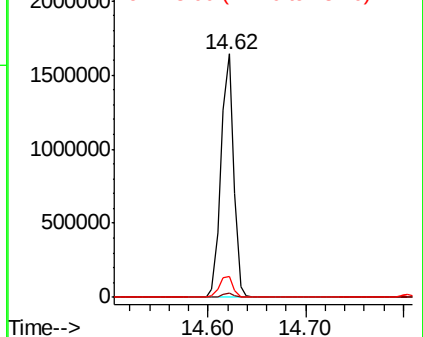
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.729 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF115748.D

Acq: 24 Jul 2019 14:14

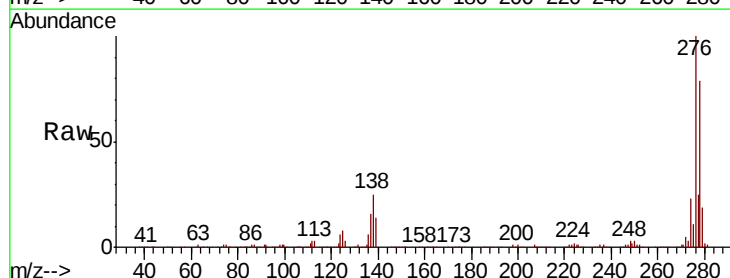
Tgt Ion:276 Resp: 988032

Ion Ratio Lower Upper

276 100

138 25.0 20.6 31.0

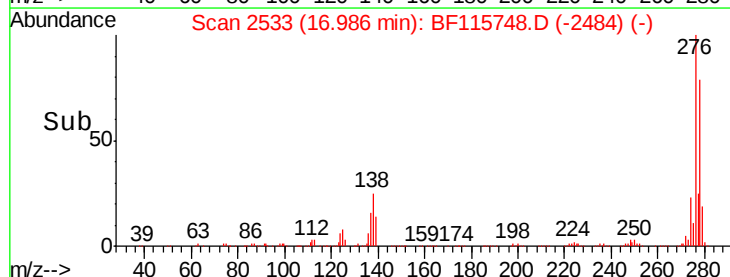
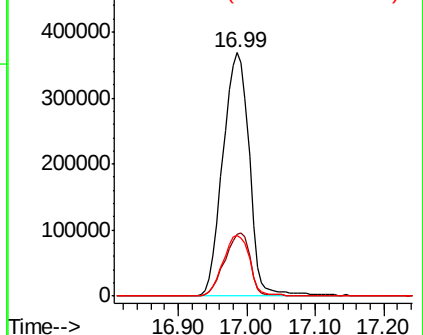
277 25.2 20.5 30.7

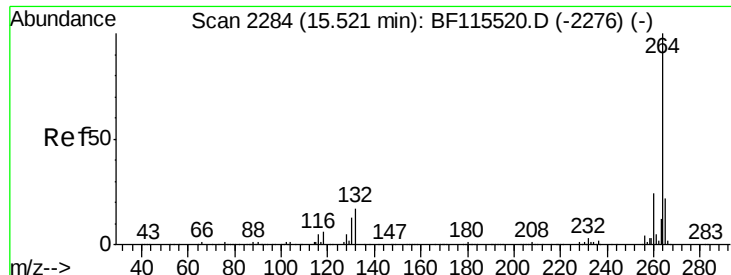


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





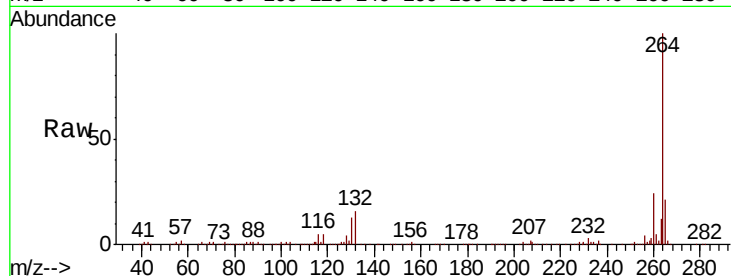
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3

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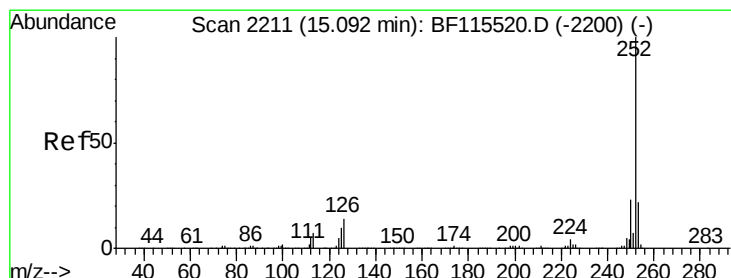
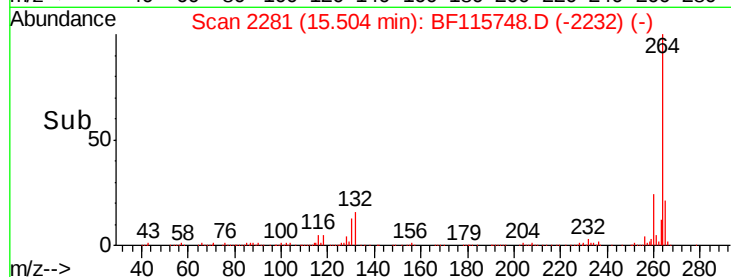
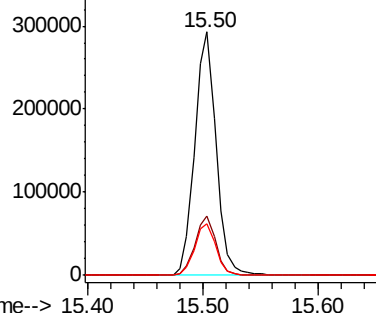


Abundance

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: 46.902 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

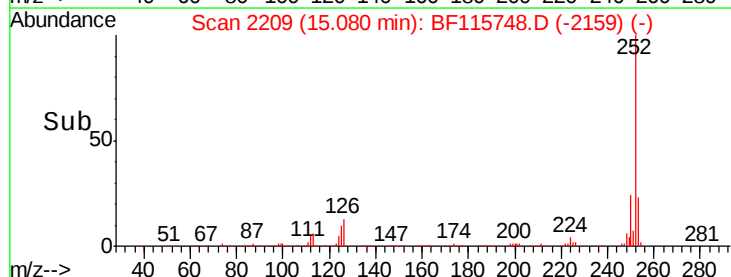
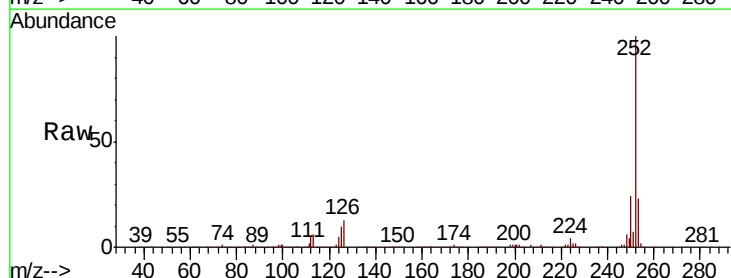
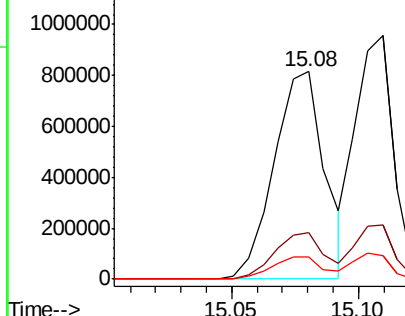
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.5	8.7	13.1

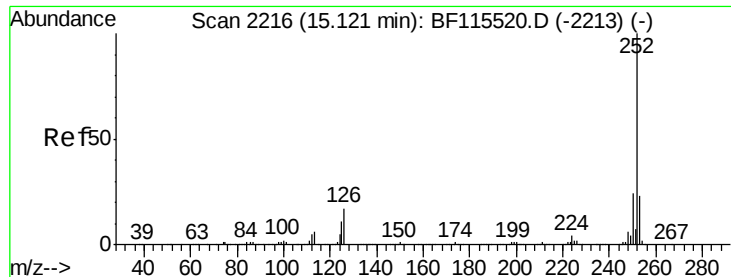
Abundance

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





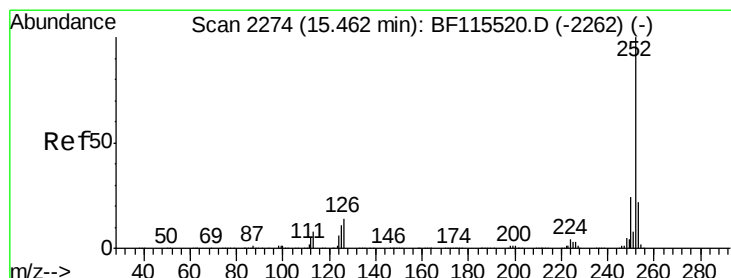
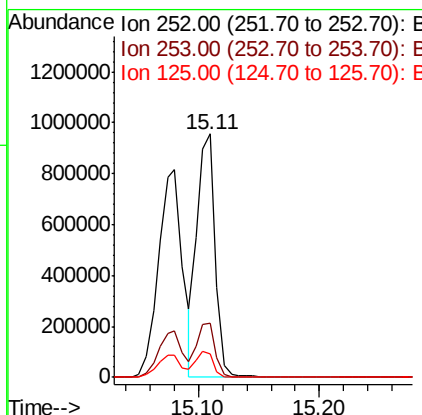
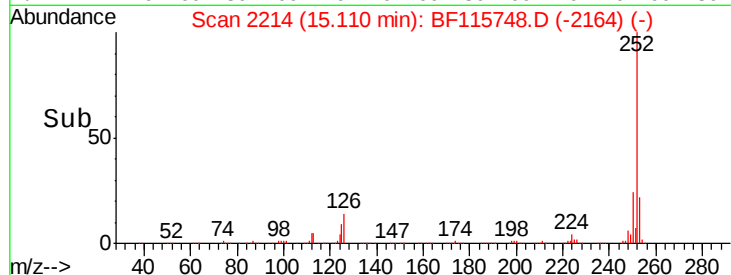
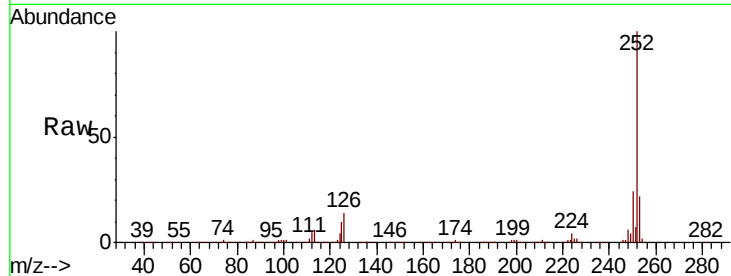
#89
Benzo(k)fluoranthene
Concen: 46.730 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion:252 Resp: 1003406
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.5 8.9 13.3

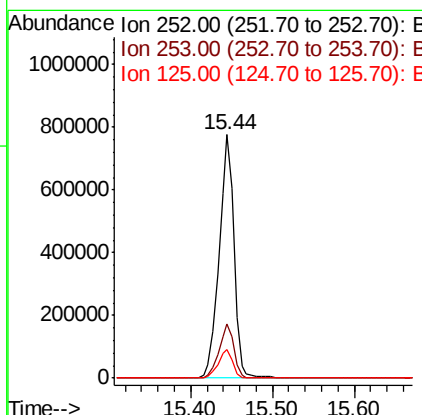
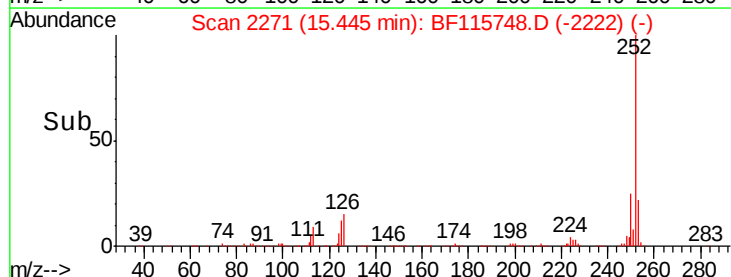
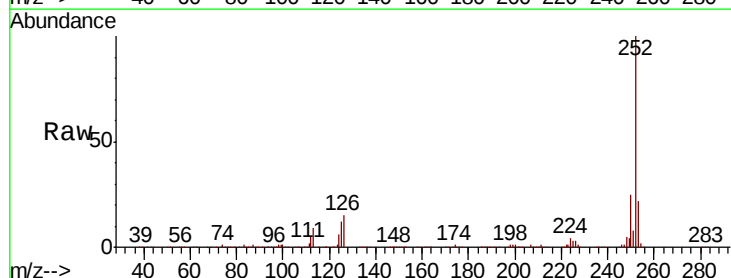
Manual Integrations
APPROVED

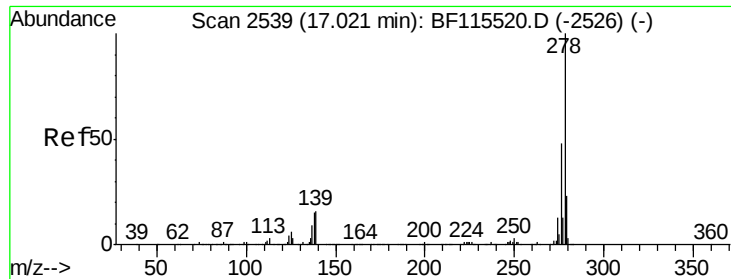
mohammad
7/25/2019 2:17:30 PM



#90
Benzo(a)pyrene
Concen: 47.576 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion:252 Resp: 984833
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 11.8 9.4 14.2





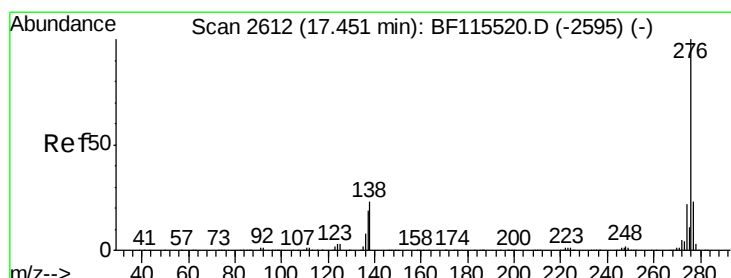
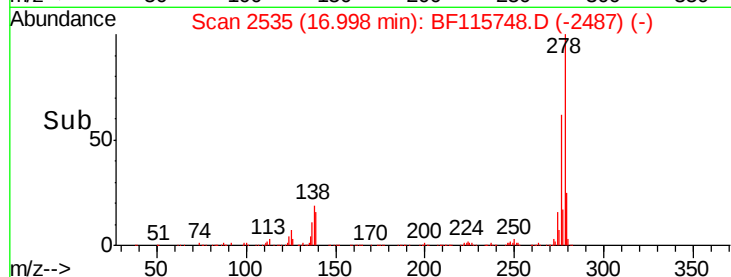
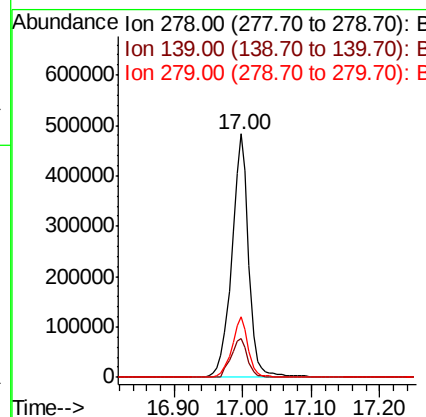
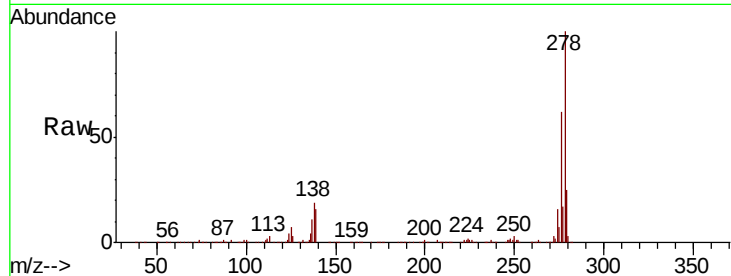
#91
Dibenzo(a,h)anthracene
Concen: 45.639 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.0	19.6
279	24.7	18.6	28.0

Manual Integrations
APPROVED

mohammad
7/25/2019 2:17:30 PM



#92
Benzo(g,h,i)perylene
Concen: 42.321 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF115748.D
Acq: 24 Jul 2019 14:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	22.7	17.8	26.8

