

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115742.D
 Acq On : 24 Jul 2019 9:51
 Operator : HP/JU
 Sample : PB121641BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BSD

Manual Integrations
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mohammad
 7/25/2019 2:17:22 PM

Quant Time: Jul 24 16:48:17 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	147116	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	590006	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	297679	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	571903	20.00	ng	0.00
76) Chrysene-d12	14.04	240	417102	20.00	ng	0.00
87) Perylene-d12	15.50	264	345390	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	729586	81.12	ng	0.00
7) Phenol-d6	6.50	99	927731	81.29	ng	0.00
23) Nitrobenzene-d5	7.43	82	859332	84.69	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	272714	78.49	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1539829	90.54	ng	0.00
79) Terphenyl-d14	12.98	244	1706296	75.48	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.76	88	170122	37.920	ng	99
3) Pyridine	3.50	79	427336	35.108	ng	100
4) n-Nitrosodimethylamine	3.45	42	182535	41.337	ng	97
6) Aniline	6.53	93	446374	28.106	ng	98
8) 2-Chlorophenol	6.66	128	418672	40.488	ng	98
9) Benzaldehyde	6.42	77	170189	23.864	ng	95
10) Phenol	6.52	94	537114	40.542	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	396463	39.306	ng	98
12) 1,3-Dichlorobenzene	6.82	146	440693	37.905	ng	99
13) 1,4-Dichlorobenzene	6.89	146	445682	38.421	ng	98
14) 1,2-Dichlorobenzene	7.05	146	416134	39.243	ng	99
15) Benzyl Alcohol	7.02	79	358232	39.570	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	532160	40.074	ng	98
17) 2-Methylphenol	7.13	107	363200	40.757	ng	98
18) Hexachloroethane	7.39	117	164264	38.152	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	284580	38.235	ng	98
20) 3+4-Methylphenols	7.28	107	418571	39.543	ng	91
22) Acetophenone	7.28	105	567927	42.608	ng	97
24) Nitrobenzene	7.45	77	457827	41.833	ng	98
25) Isophorone	7.69	82	824640	40.615	ng	99
26) 2-Nitrophenol	7.77	139	232861	41.337	ng	94
27) 2,4-Dimethylphenol	7.80	122	381809	45.299	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	515864	41.415	ng	99
29) 2,4-Dichlorophenol	8.02	162	366723	41.836	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	390308	39.391	ng	98
31) Naphthalene	8.17	128	1204238	42.144	ng	99
32) Benzoic acid	7.94	122	247139	35.729	ng	96
33) 4-Chloroaniline	8.22	127	323578	25.565	ng	98
34) Hexachlorobutadiene	8.30	225	220291	38.769	ng	98
35) Caprolactam	8.59	113	114209m	42.163	ng	
36) 4-Chloro-3-methylphenol	8.71	107	382901	42.111	ng	99
37) 2-Methylnaphthalene	8.87	142	816894	43.129	ng	99
38) 1-Methylnaphthalene	8.97	142	758310	42.150	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	374435	41.770	ng	98

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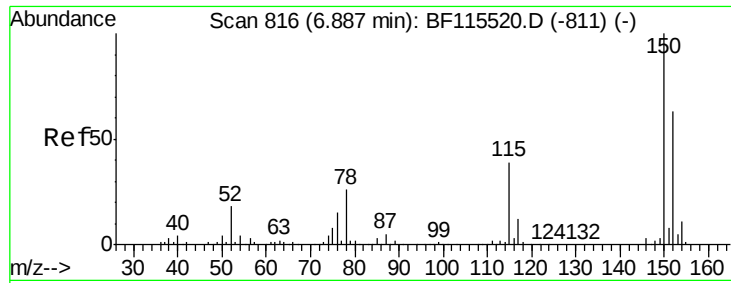
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Quant Time: Jul 24 16:48:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 24 16:36:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	319887	62.557	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	252808	38.565	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	269680	40.170	nq	97
46) 1,1'-Biphenyl	9.33	154	978184	42.032	nq	99
47) 2-Chloronaphthalene	9.36	162	781576	40.334	nq	99
48) 2-Nitroaniline	9.45	65	241064	40.193	nq	96
49) Acenaphthylene	9.77	152	1203172	41.903	nq	99
50) Dimethylphthalate	9.63	163	902784	40.309	nq	99
51) 2,6-Dinitrotoluene	9.69	165	204343	40.148	nq	91
52) Acenaphthene	9.95	154	723857	39.048	nq	99
53) 3-Nitroaniline	9.86	138	157355	27.054	nq	96
54) 2,4-Dinitrophenol	9.97	184	200413	76.694	nq	97
55) Dibenzofuran	10.12	168	1076622	40.896	nq	98
56) 4-Nitrophenol	10.03	139	317162	71.509	nq	93
57) 2,4-Dinitrotoluene	10.10	165	270850	41.075	nq	88
58) Fluorene	10.46	166	803092	42.673	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	234010	41.698	nq	99
60) Diethylphthalate	10.33	149	868314	41.379	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	416455	39.903	nq	96
62) 4-Nitroaniline	10.47	138	216472	38.800	nq	99
63) Azobenzene	10.61	77	888719	43.663	nq	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	135791	38.863	nq	90
66) n-Nitrosodiphenylamine	10.57	169	726618	40.845	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	257319	39.373	nq	98
68) Hexachlorobenzene	11.02	284	284776	38.156	nq	97
69) Atrazine	11.09	200	238846	40.926	nq	97
70) Pentachlorophenol	11.20	266	316248	69.279	nq	99
71) Phenanthrene	11.42	178	1196458	40.814	nq	100
72) Anthracene	11.47	178	1241149	40.967	nq	99
73) Carbazole	11.63	167	1110732	41.808	nq	98
74) Di-n-butylphthalate	11.95	149	1372682	41.946	nq	99
75) Fluoranthene	12.61	202	1282221	41.391	nq	97
77) Benzidine	12.72	184	436980	29.574	nq	100
78) Pyrene	12.84	202	1301460	36.828	nq	100
80) Butylbenzylphthalate	13.45	149	603658	40.071	nq	97
81) Benzo(a)anthracene	14.03	228	1106368	40.263	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	341344	34.943	nq	100
83) Chrysene	14.06	228	1079363	39.129	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	834974	44.746	nq	100
85) Di-n-octyl phthalate	14.62	149	1377939	46.411	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	911955	38.913	nq	99
88) Benzo(b)fluoranthene	15.07	252	1054975	47.435	nq	100
89) Benzo(k)fluoranthene	15.10	252	919635	46.380	nq	99
90) Benzo(a)pyrene	15.44	252	920328	48.146	nq	100
91) Dibenzo(a,h)anthracene	17.00	278	766957	45.703	nq	98
92) Benzo(g,h,i)perylene	17.43	276	735597	43.952	nq	98

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



#1

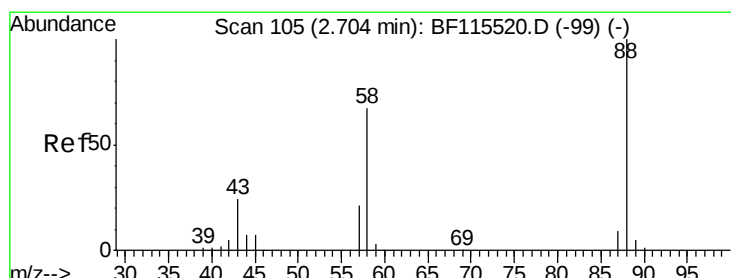
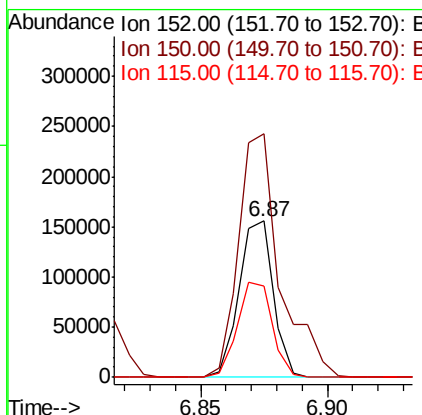
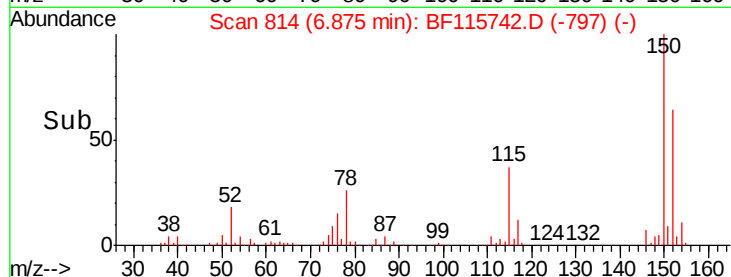
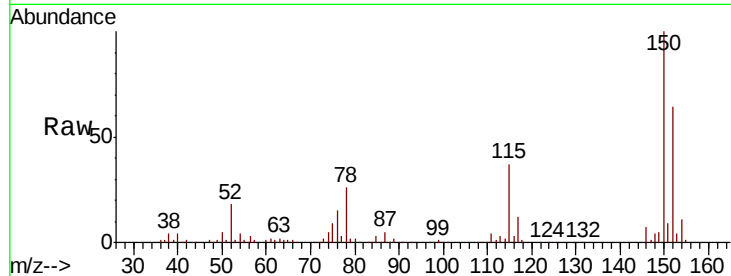
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.8	184.2
115	58.2	48.2	72.2

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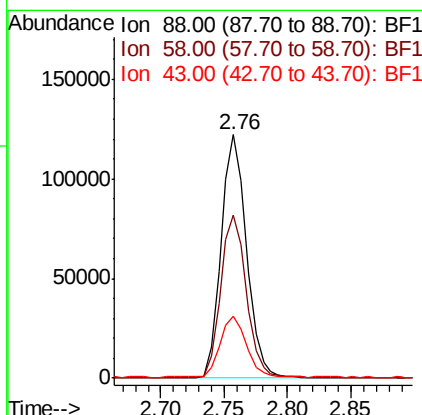
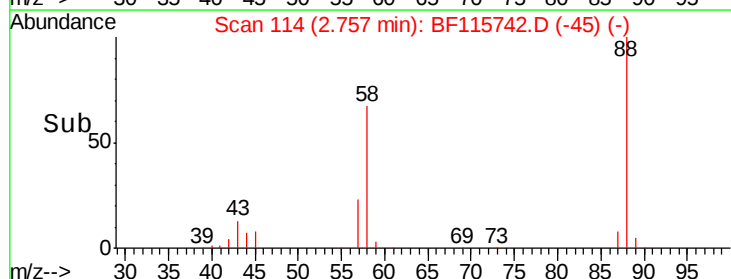
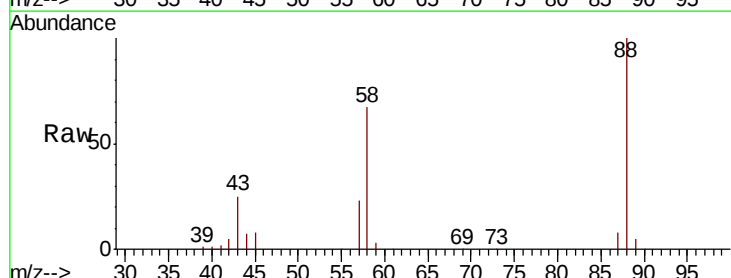
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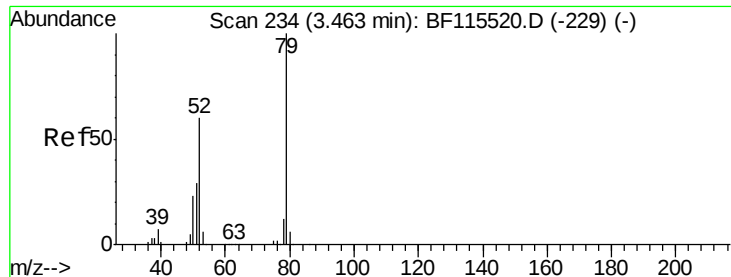


#2

1,4-Dioxane
Concen: 37.920 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.11 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	53.8	80.6
43	25.7	20.5	30.7





#3

Pvridine

Concen: 35.108 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.09 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

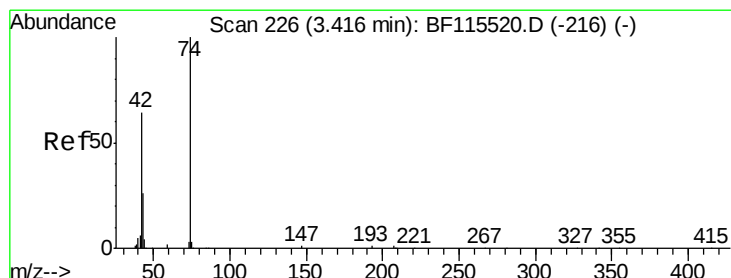
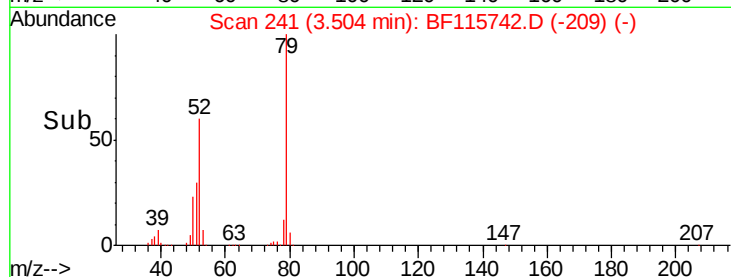
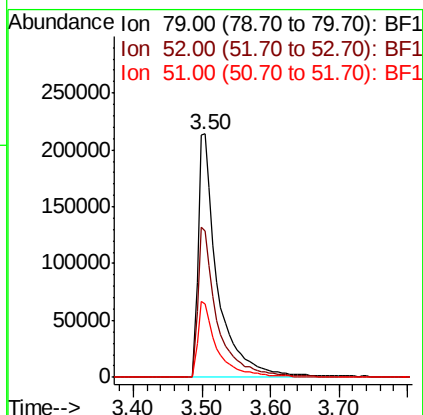
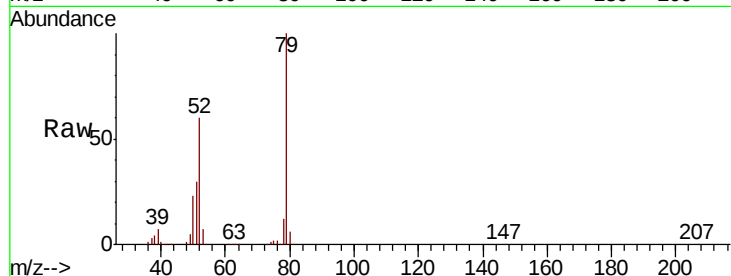
ClientSampled :

PB121641BSD

Tot Ion:	79	Resp:	427336
Ion Ratio	Lower	Upper	
79	100		
52	60.1	47.9	71.9
51	30.4	24.4	36.6

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#4

n-Nitrosodimethylamine

Concen: 41.337 ng

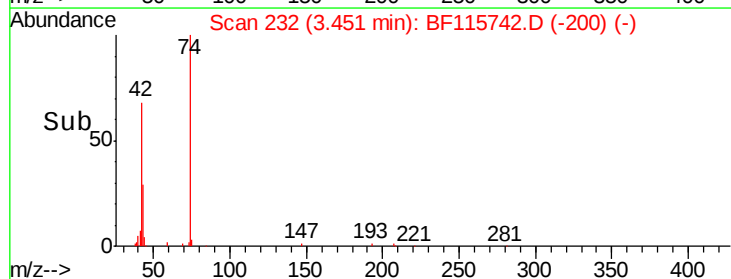
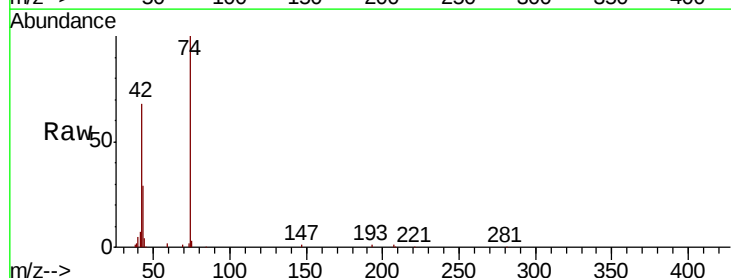
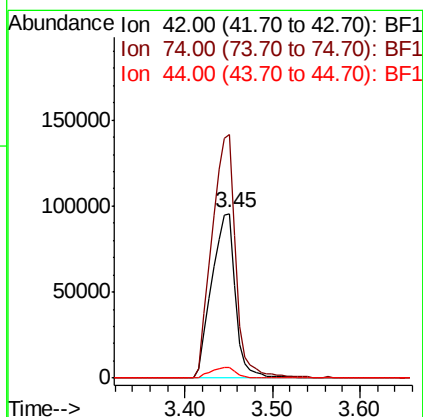
RT: 3.45 min Scan# 232

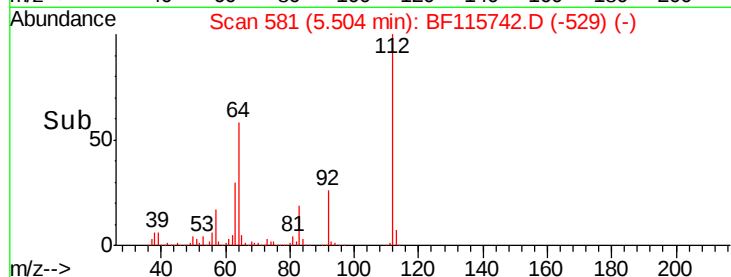
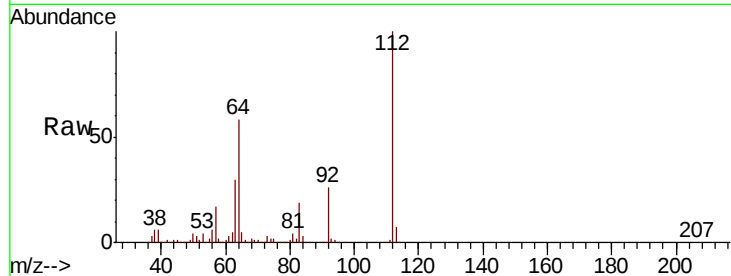
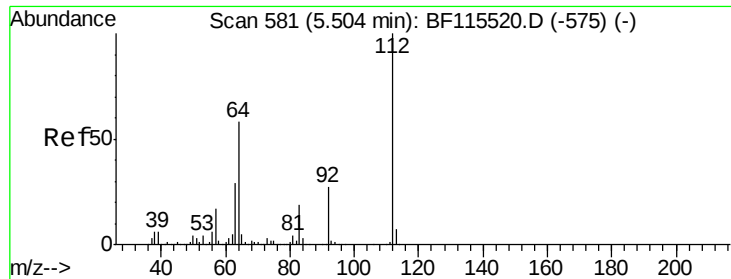
Delta R.T. 0.09 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:	42	Resp:	182535
Ion Ratio	Lower	Upper	
42	100		
74	148.1	115.5	173.3
44	6.6	5.0	7.4





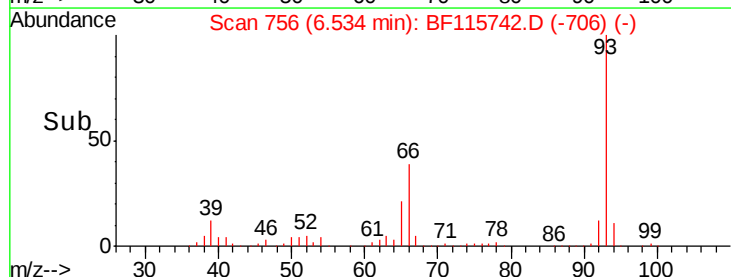
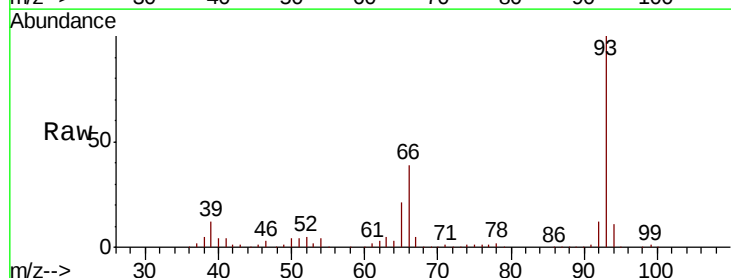
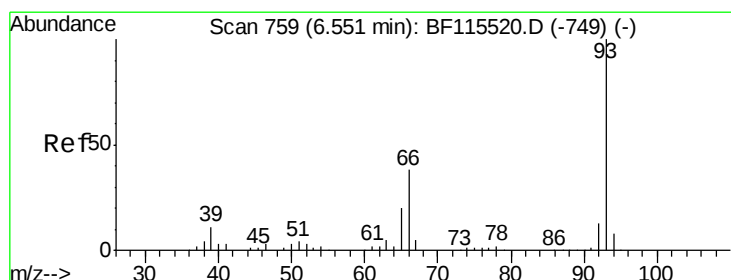
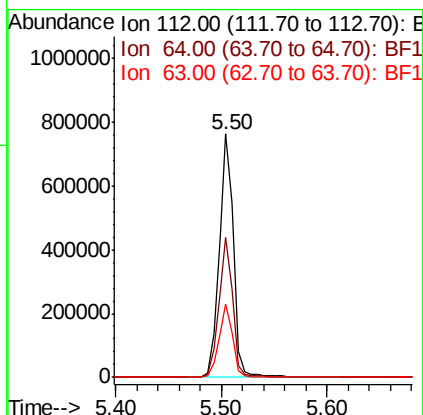
#5
2-Fluorophenol
Concen: 81.119 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.7	43.8	65.8
63	30.0	22.5	33.7

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

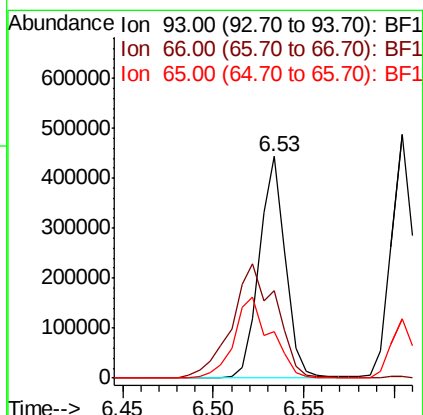
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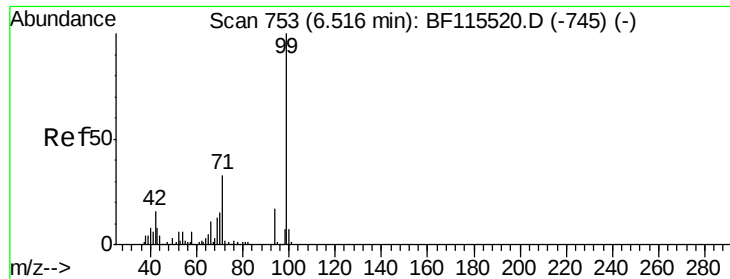
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#6
Aniline
Concen: 28.106 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.4	30.9	46.3
65	20.9	15.8	23.8





#7

Phenol-d6

Concen: 81.292 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

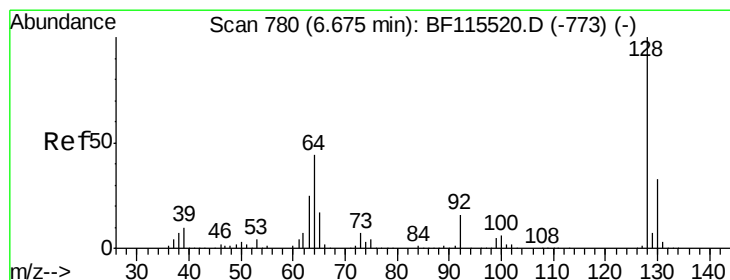
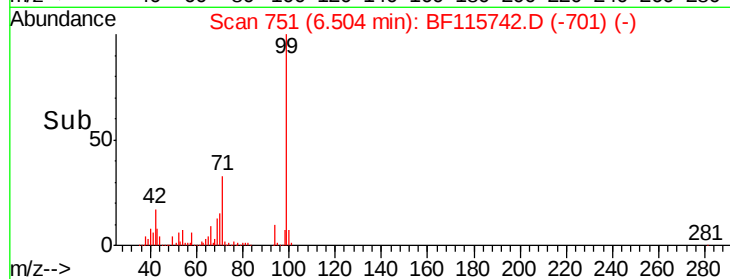
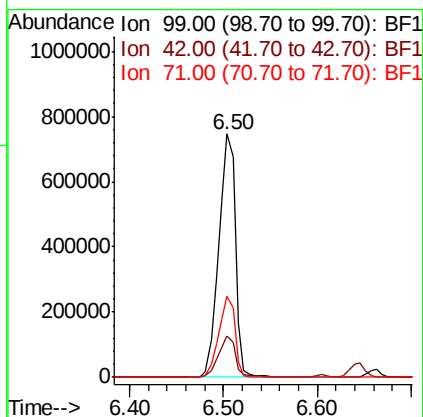
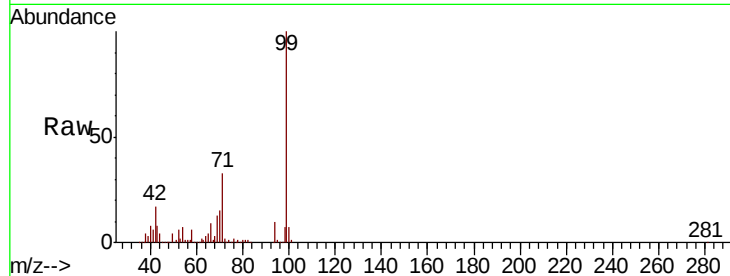
ClientSampleId :

PB121641BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		927731		
42	17.2	13.0	19.4		
71	33.4	25.9	38.9		

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#8

2-Chlorophenol

Concen: 40.488 ng

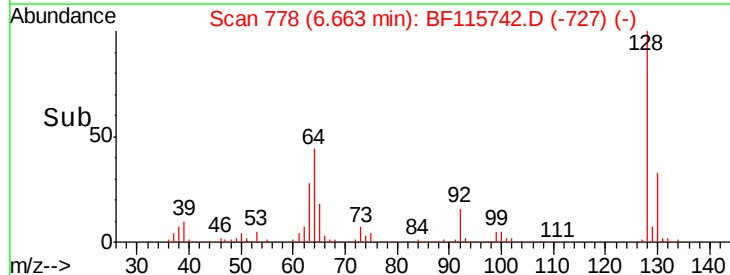
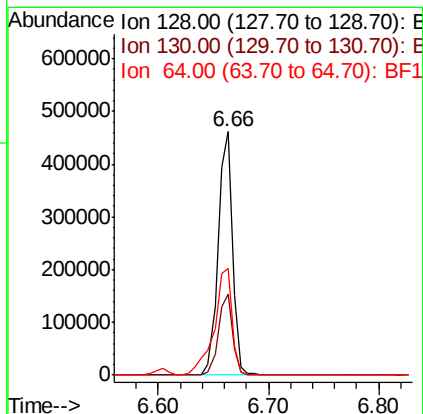
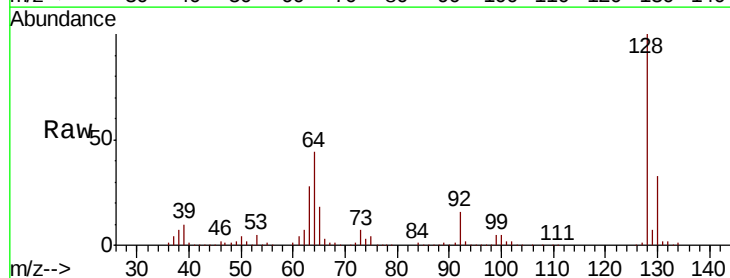
RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		418672		
130	33.5	12.3	52.3		
64	43.6	24.4	64.4		





#9

Benzaldehyde

Concen: 23.864 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

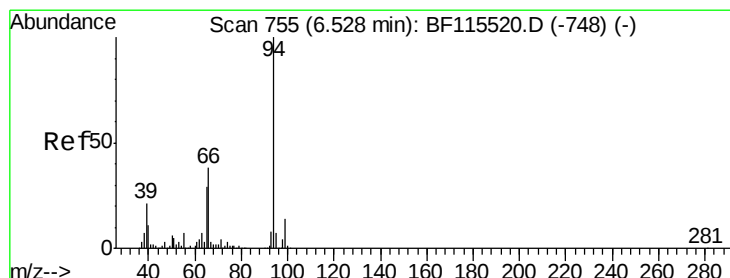
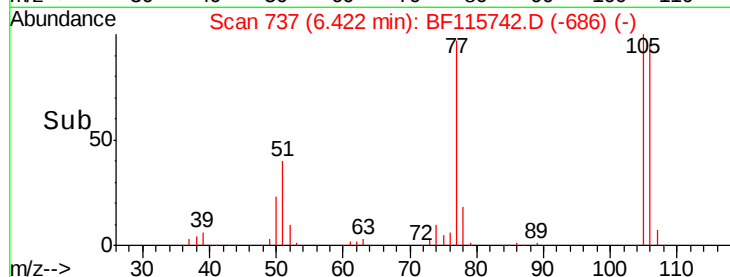
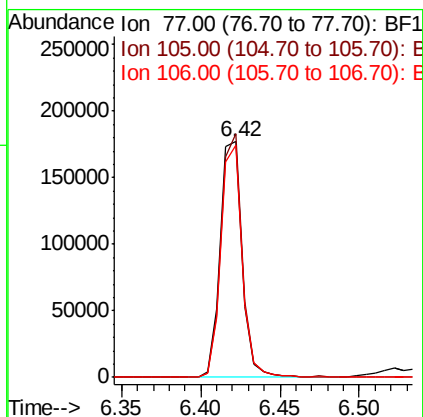
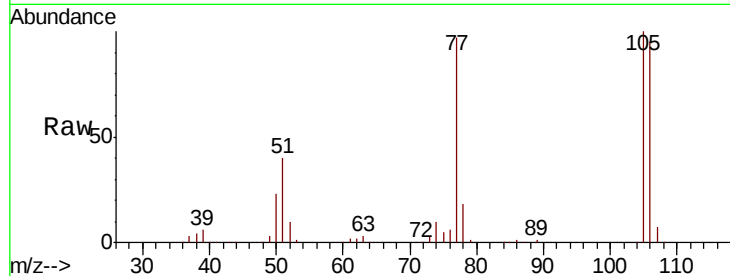
ClientSampleID :

PB121641BSD

Tot Ion:	77	Resp:	170189
Ion	Ratio	Lower	Upper
77	100		
105	103.3	77.6	117.6
106	98.7	73.9	113.9

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#10

Phenol

Concen: 40.542 ng

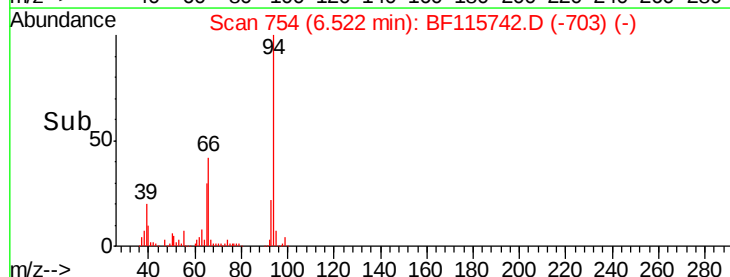
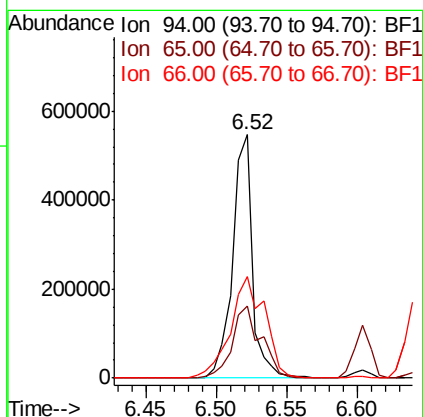
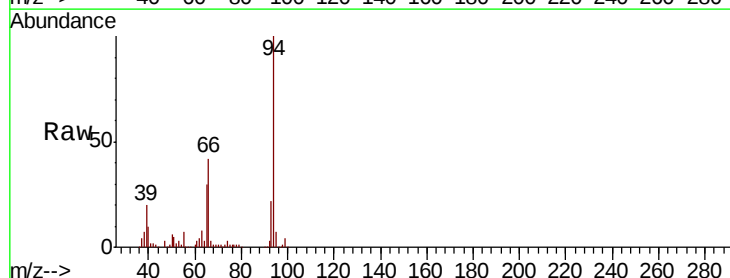
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:	94	Resp:	537114
Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.2	50.2
66	41.9	21.7	61.7





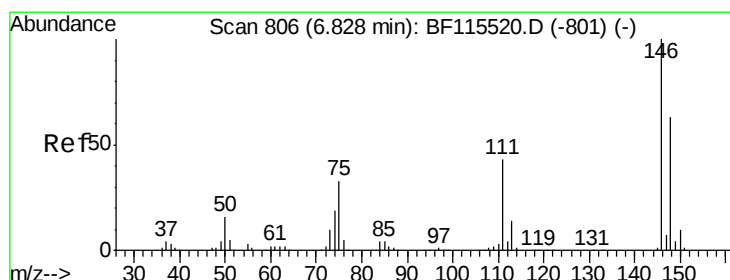
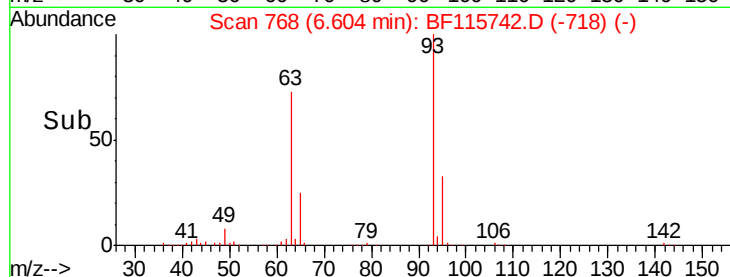
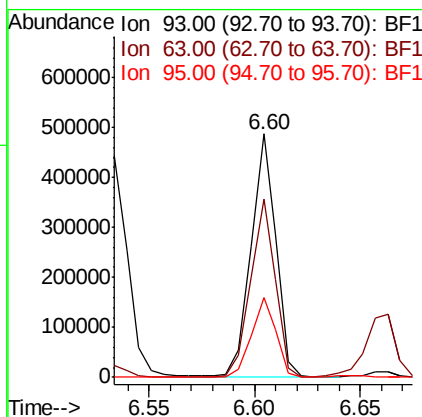
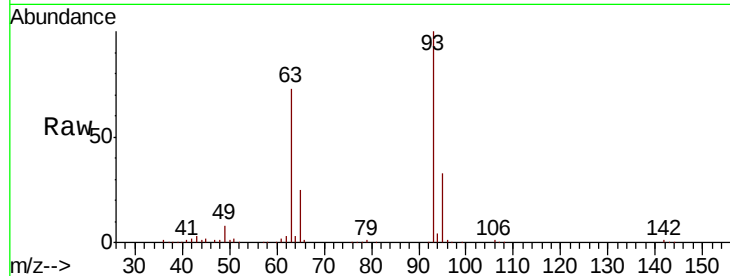
#11
bis(2-Chloroethyl)ether
Concen: 39.306 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	396463		
63	73.2		51.5	91.5
95	32.8		13.0	53.0

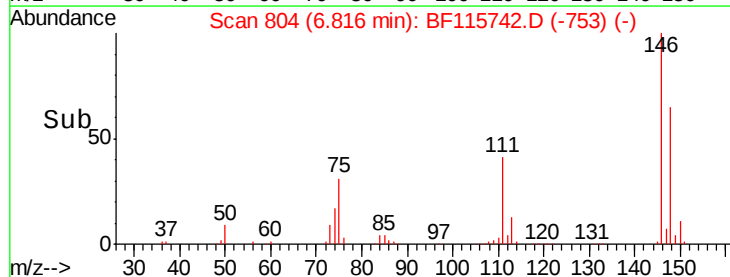
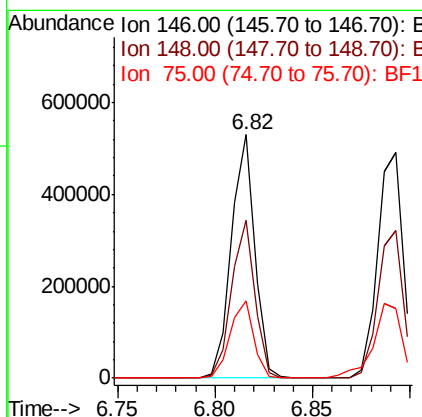
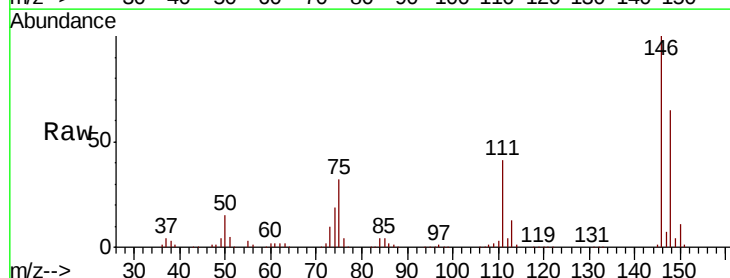
Manual Integrations
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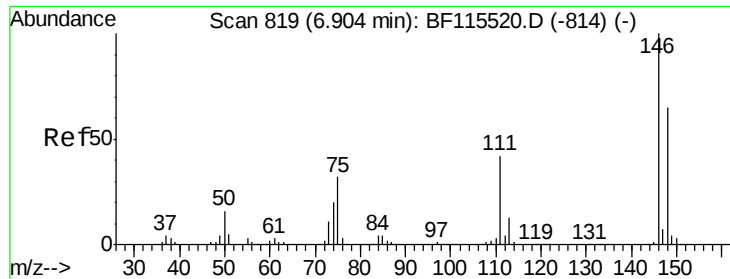
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.905 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	440693		
148	64.9		51.4	77.0
75	31.6		26.4	39.6





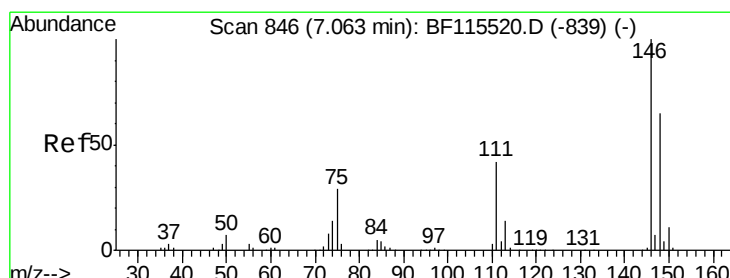
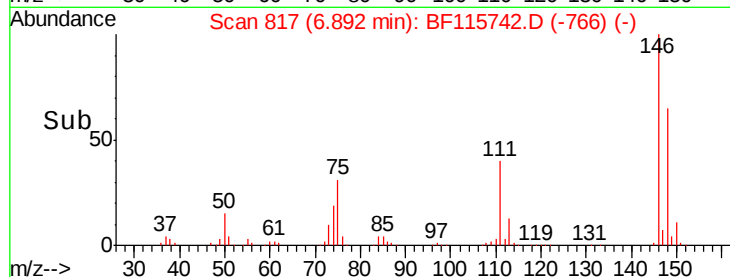
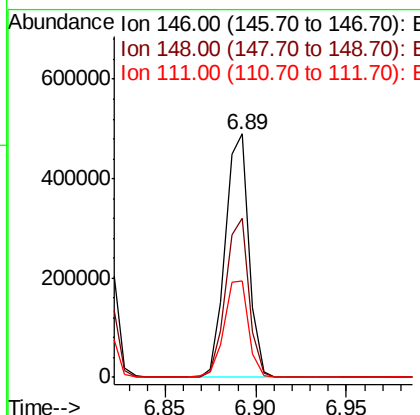
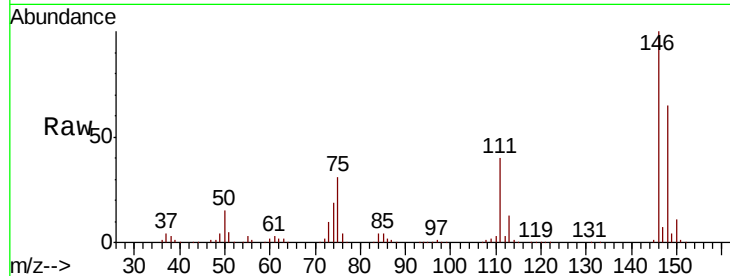
#13
 1,4-Dichlorobenzene
 Concen: 38.421 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	39.8	32.9	49.3

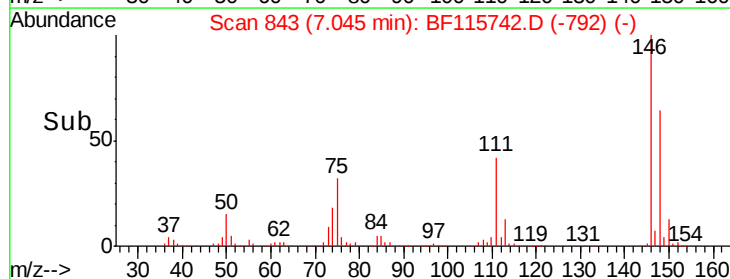
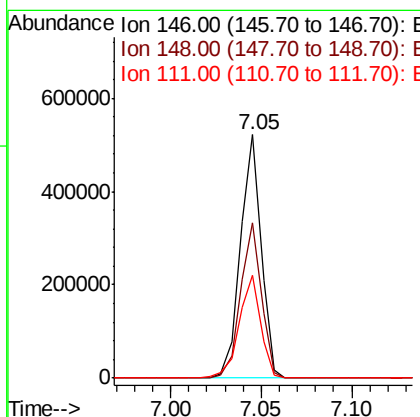
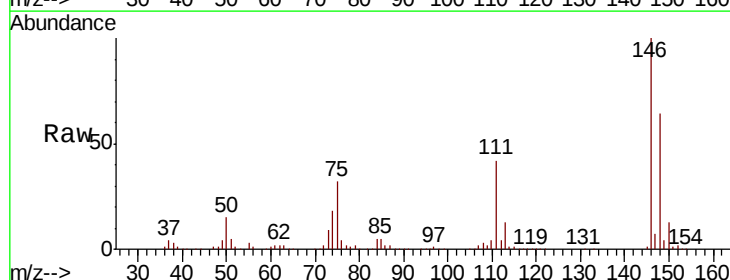
Manual Integrations
 APPROVED

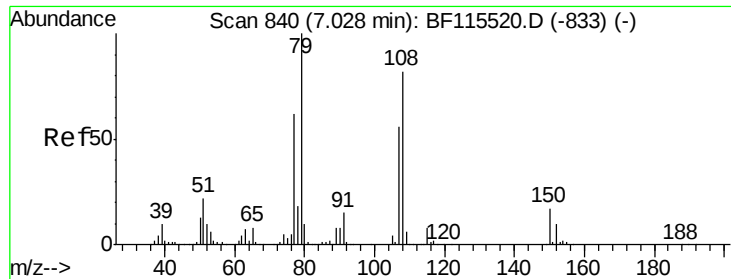
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.243 ng
 RT: 7.05 min Scan# 843
 Delta R.T. 0.00 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
111	42.4	35.4	53.0





#15

Benzyl Alcohol

Concen: 39.570 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

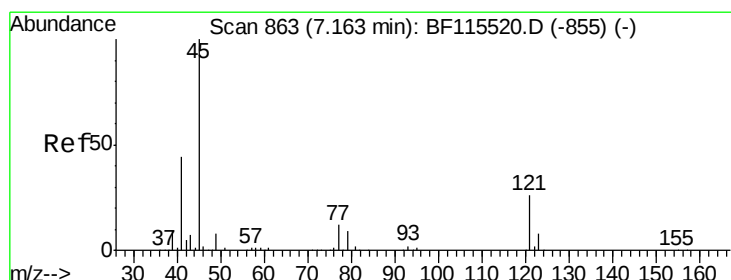
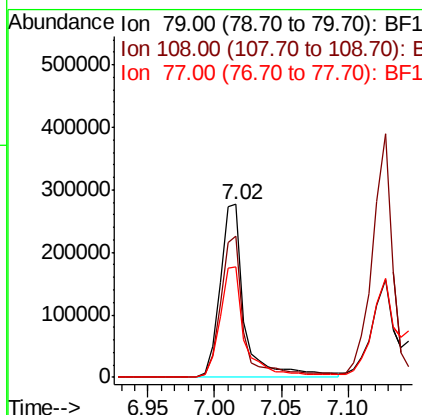
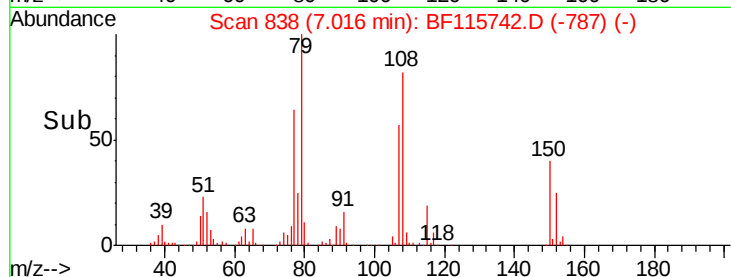
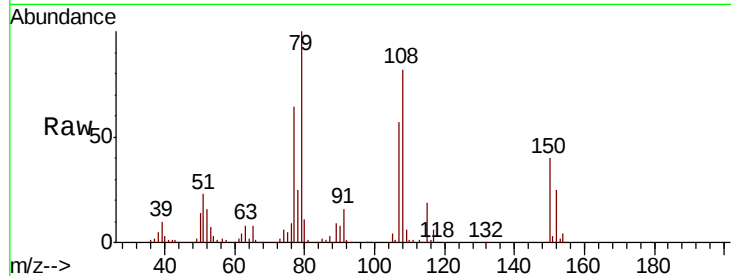
ClientSampleId :

PB121641BSD

Tot Ion:	79	Resp:	358232
Ion Ratio	Lower	Upper	
79	100		
108	81.7	65.5	98.3
77	63.9	51.8	77.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.074 ng

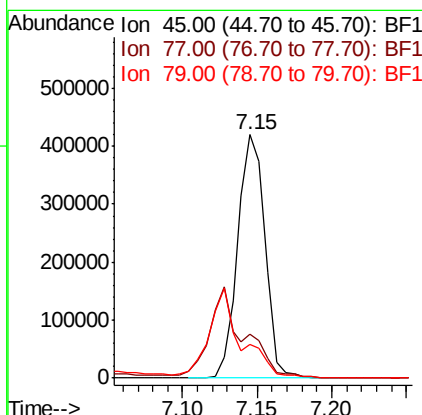
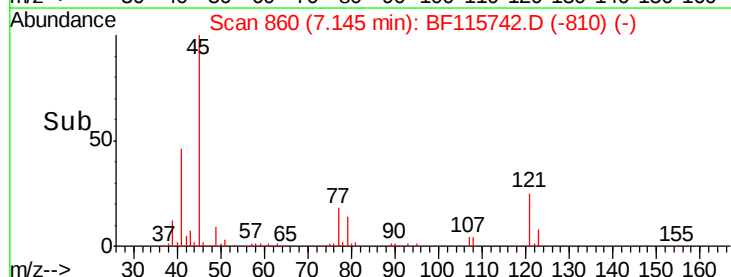
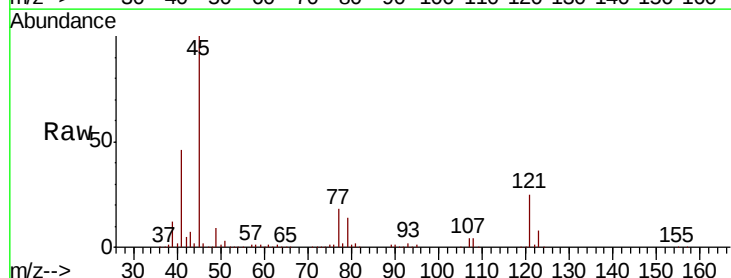
RT: 7.15 min Scan# 860

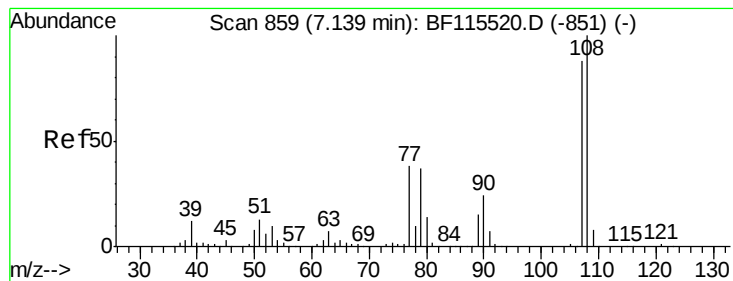
Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:	45	Resp:	532160
Ion Ratio	Lower	Upper	
45	100		
77	17.8	0.0	37.1
79	14.0	0.0	33.1





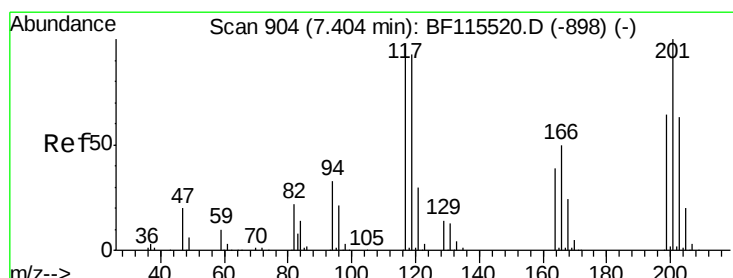
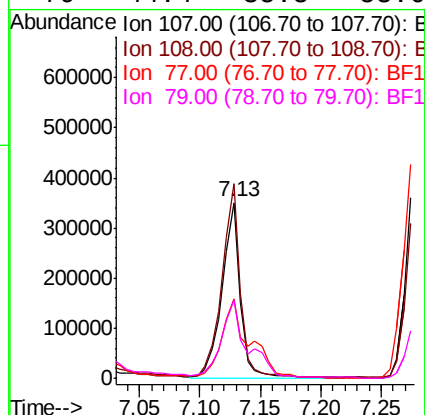
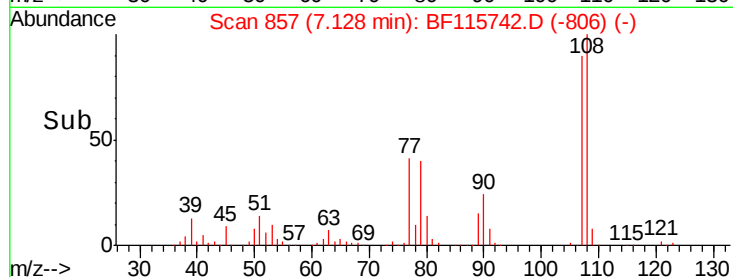
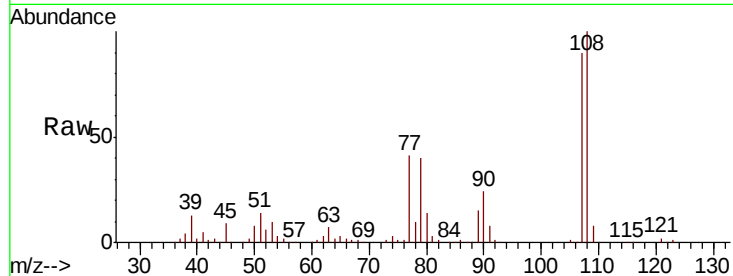
#17
2-Methylphenol
Concen: 40.757 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.4	137.0	
77	45.1	36.8	55.2	
79	44.4	35.8	53.6	

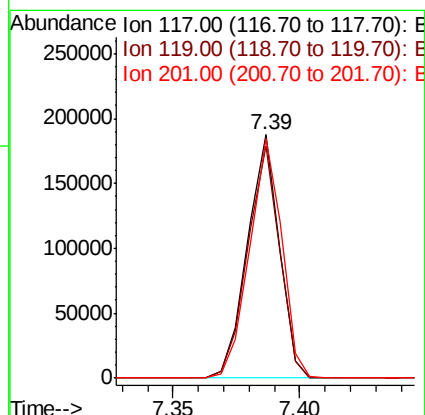
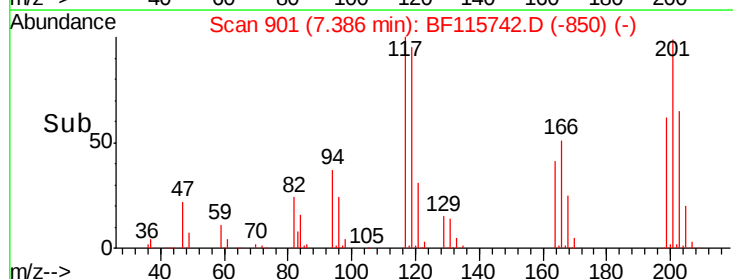
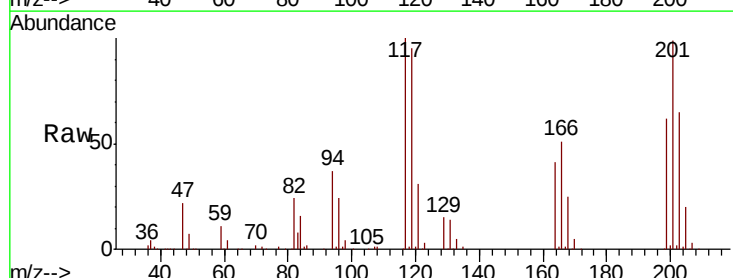
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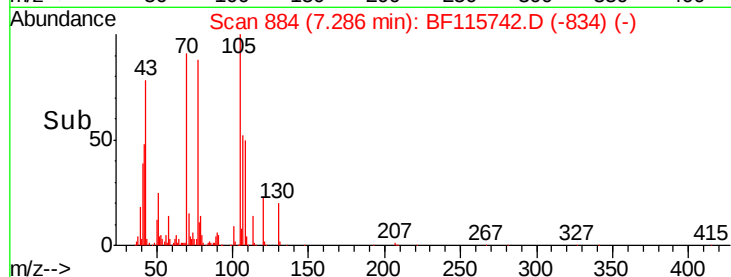
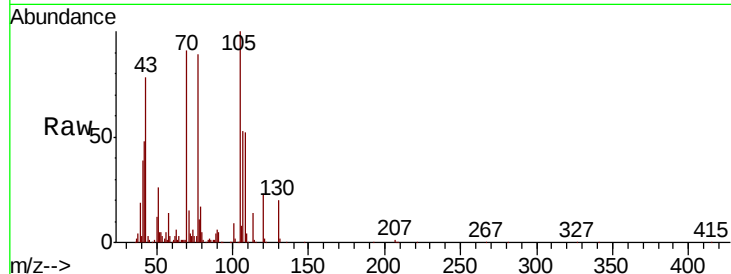
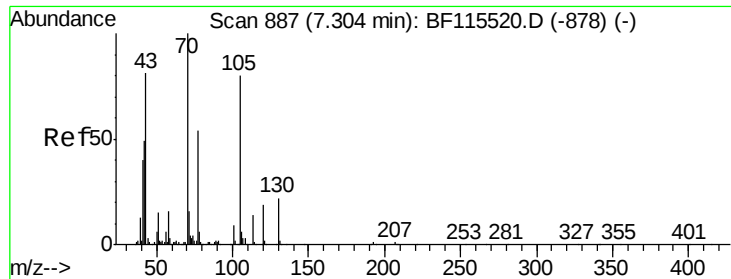
mohammad
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#18
Hexachloroethane
Concen: 38.152 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	76.1	114.1	
201	98.7	73.7	110.5	





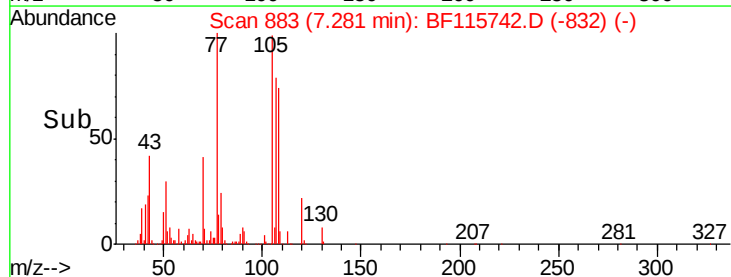
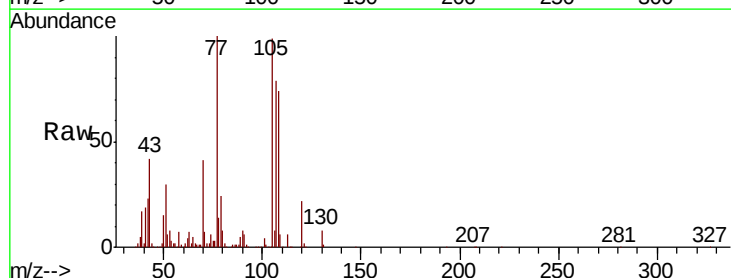
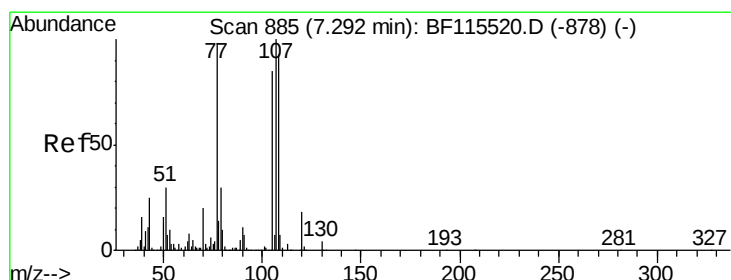
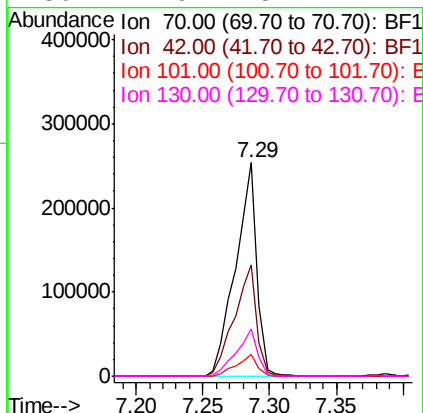
#19
n-Nitroso-di-n-propylamine
Concen: 38.235 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.3	40.3	60.5
101	10.4	7.9	11.9
130	21.9	18.2	27.4

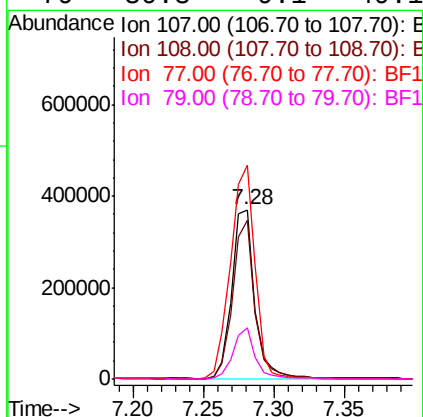
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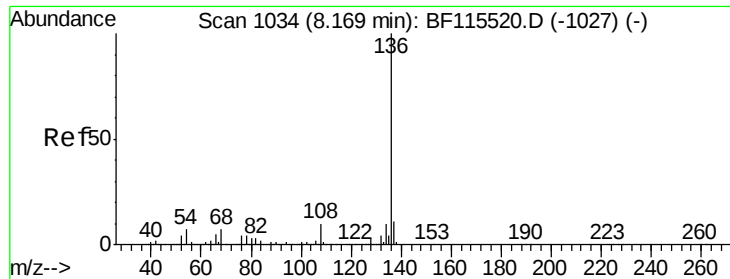
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#20
3+4-Methylphenols
Concen: 39.543 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	69.3	109.3
77	126.0	90.4	130.4
79	30.3	9.1	49.1





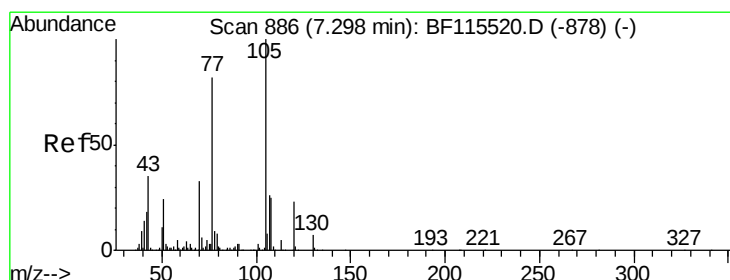
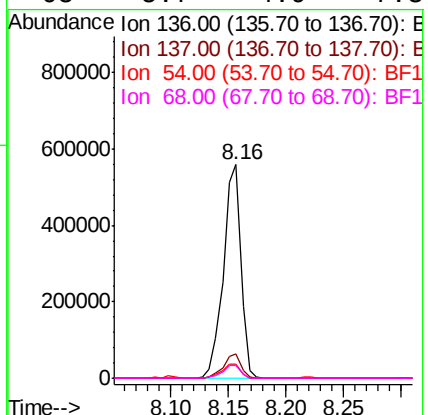
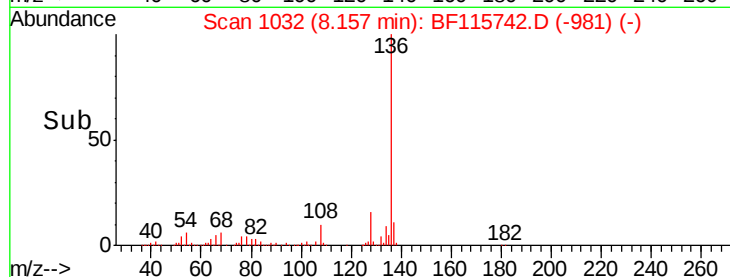
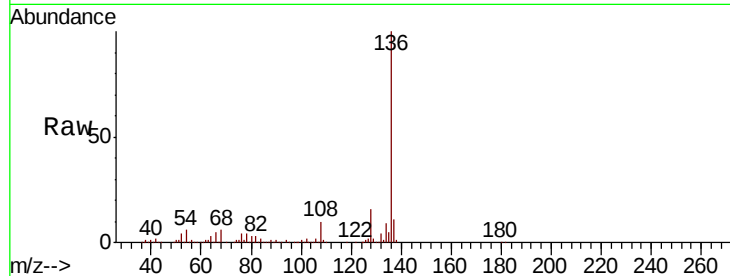
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.0	13.4	
54	6.5	5.4	8.0	
68	5.7	4.9	7.3	

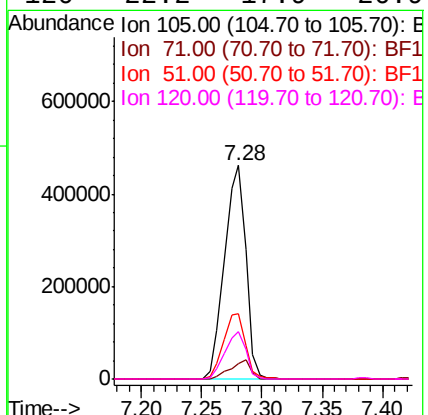
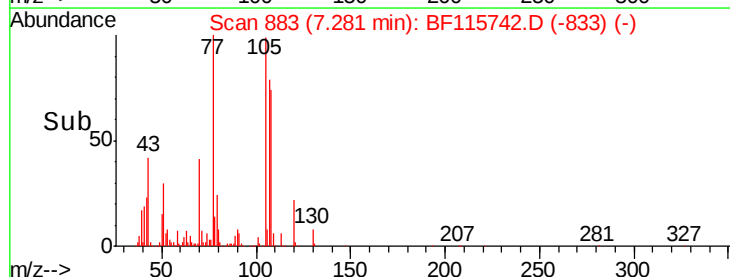
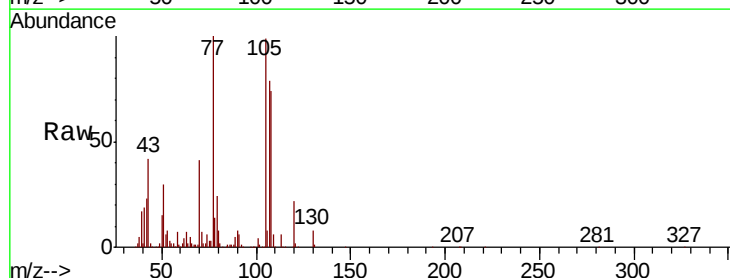
Manual Integrations
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#22
Acetophenone
Concen: 42.608 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	6.3	9.5	
51	30.5	21.8	32.6	
120	22.2	17.9	26.9	





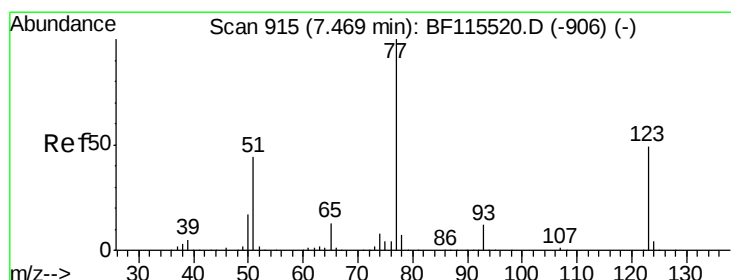
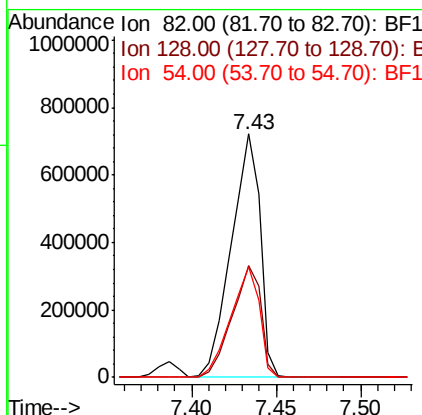
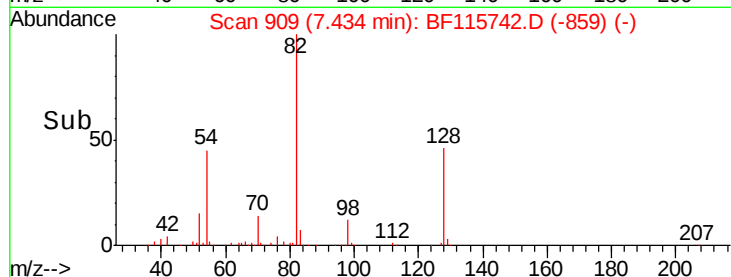
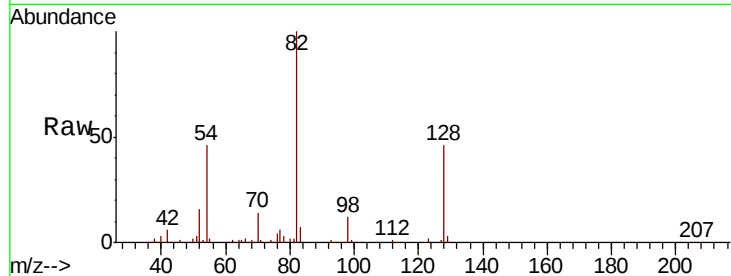
#23
 Nitrobenzene-d5
 Concen: 84.689 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.0	57.0
54	45.6	35.6	53.4

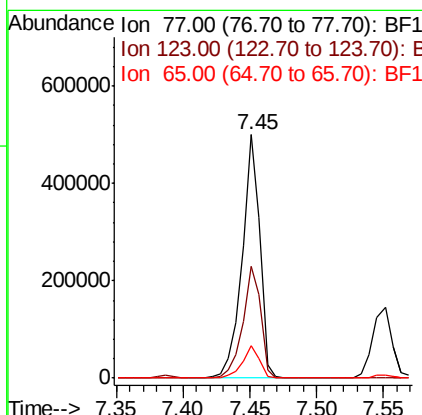
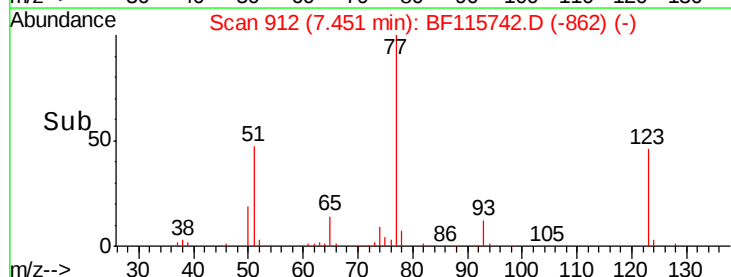
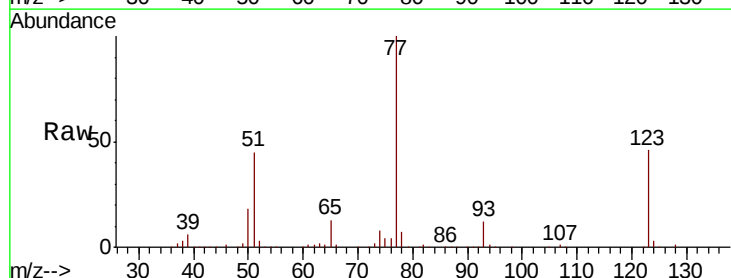
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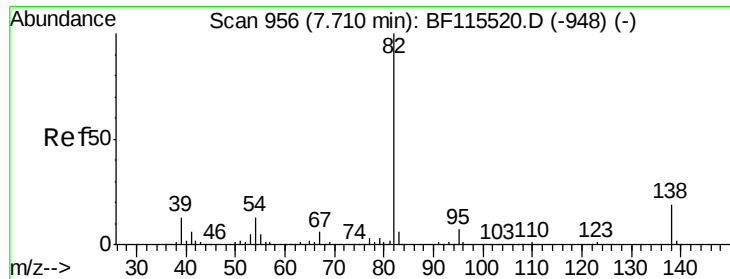
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#24
 Nitrobenzene
 Concen: 41.833 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

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





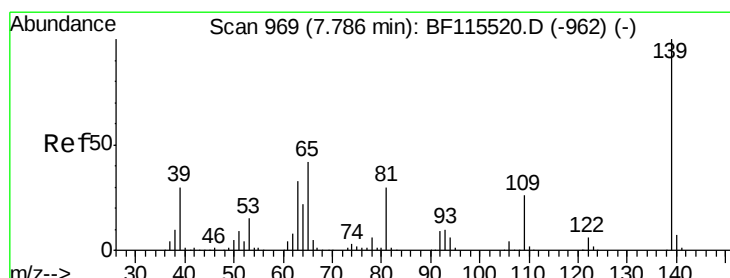
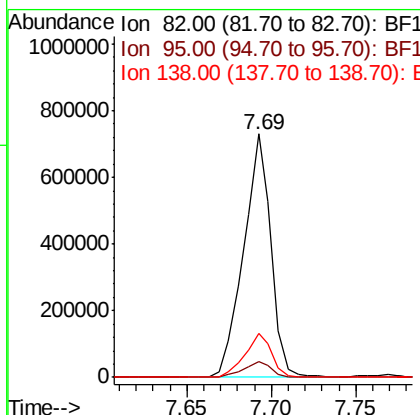
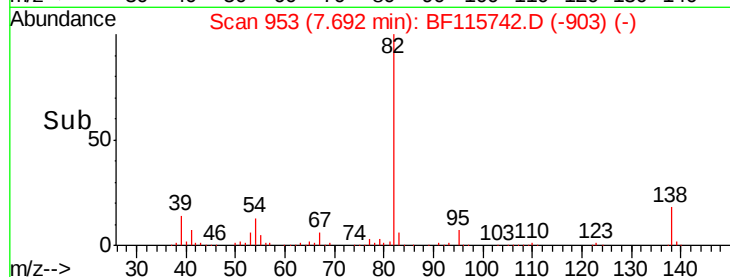
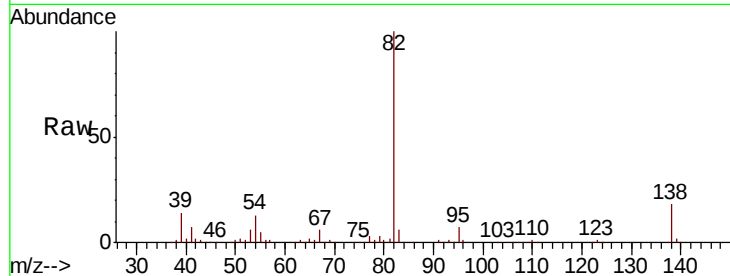
#25
Isophorone
Concen: 40.615 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.4	8.0	
138	17.8	14.8	22.2	

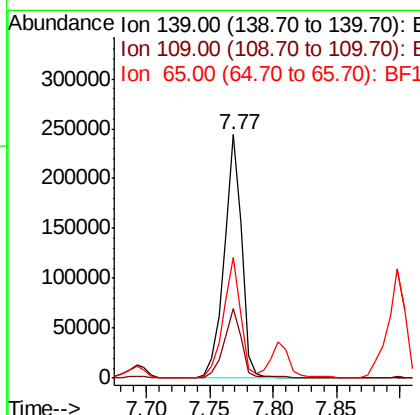
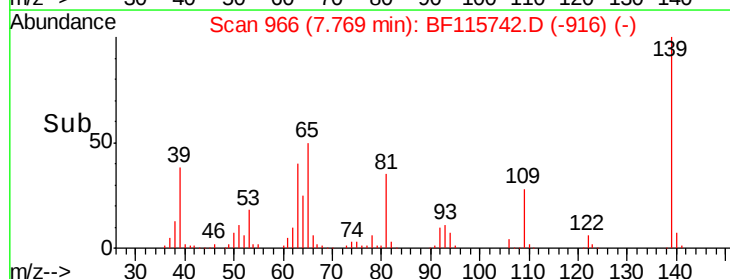
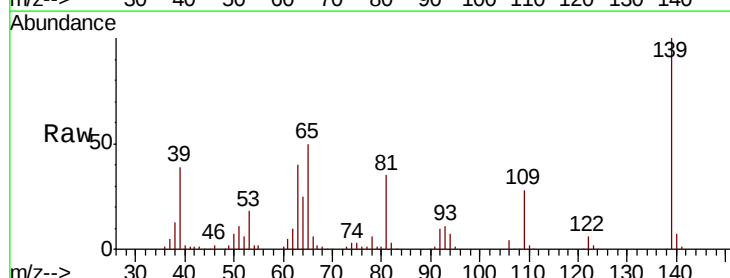
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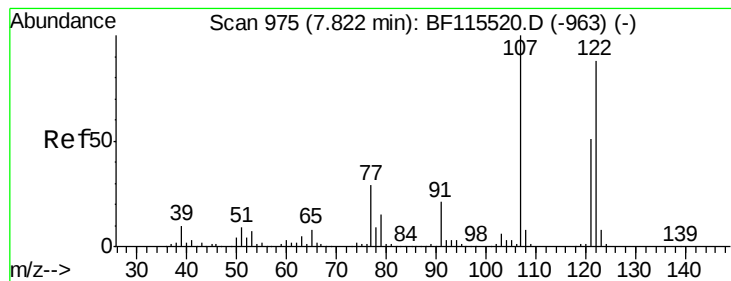
mohammad
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#26
2-Nitrophenol
Concen: 41.337 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.5	21.4	32.0	
65	49.8	35.7	53.5	





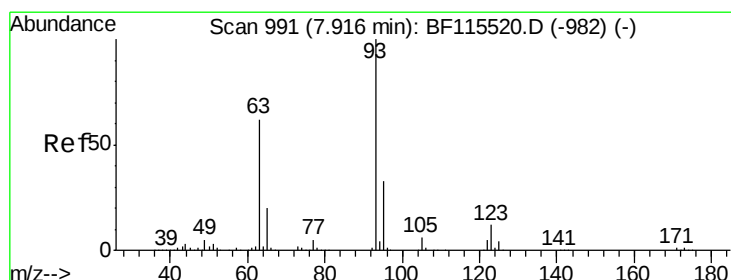
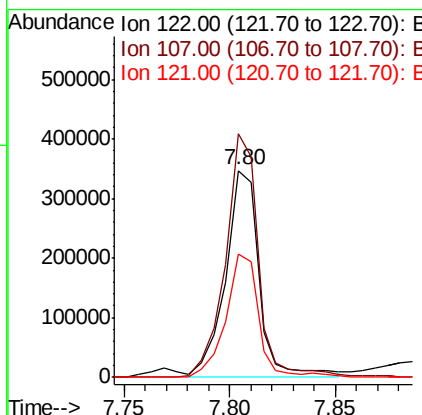
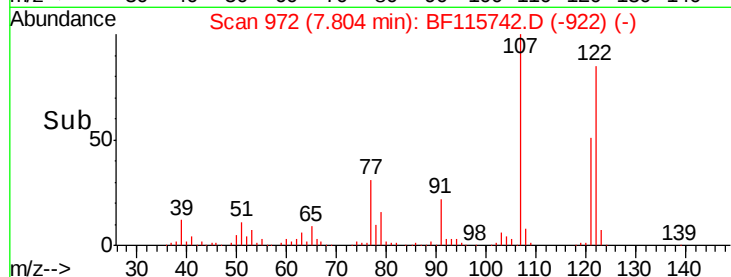
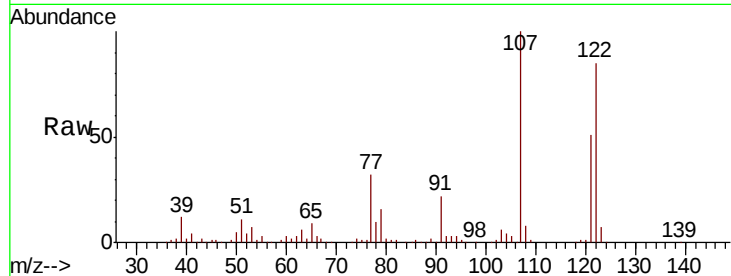
#27
2,4-Dimethylphenol
Concen: 45.299 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampled :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	381809		
107	117.7	90.2	135.4	
121	59.9	46.4	69.6	

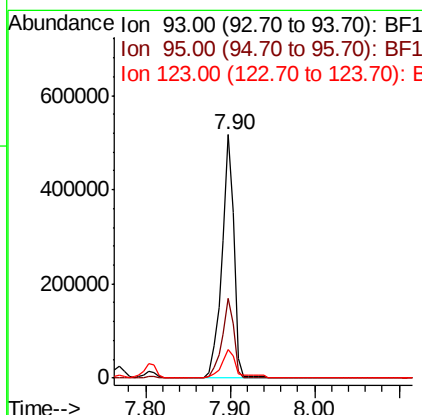
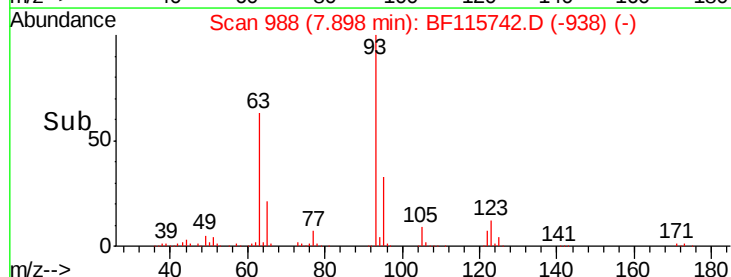
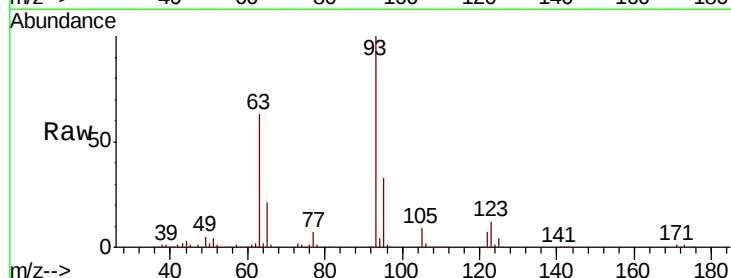
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#28
bis(2-Chloroethoxy)methane
Concen: 41.415 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	515864		
95	32.8	26.6	39.8	
123	11.5	10.2	15.2	





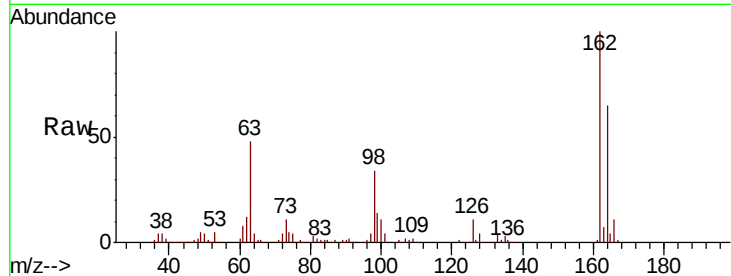
#29
2,4-Dichlorophenol
Concen: 41.836 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

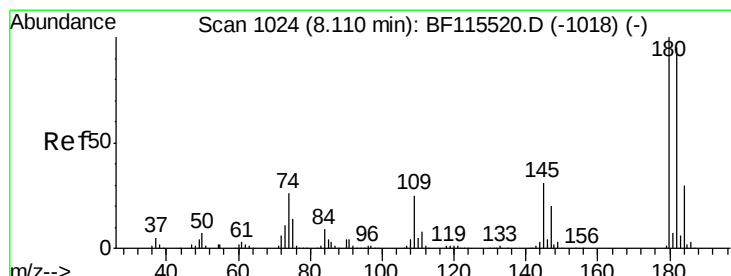
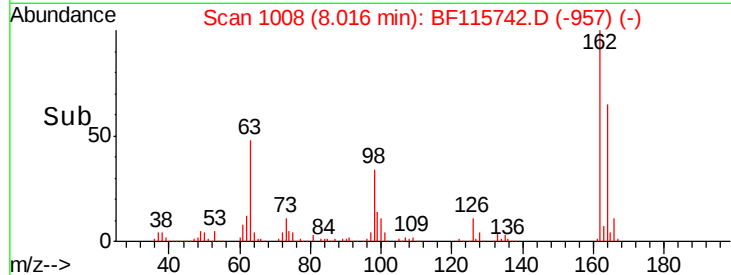
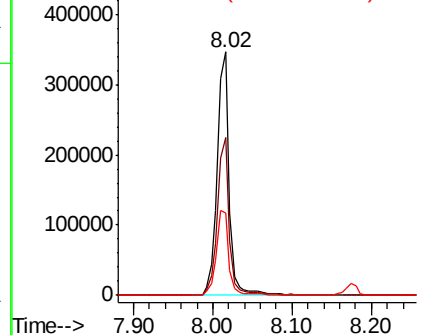
Tot Ion:	162	Resp:	366723
Ion Ratio	Lower	Upper	
162	100		
164	64.6	43.9	83.9
98	33.7	15.3	55.3

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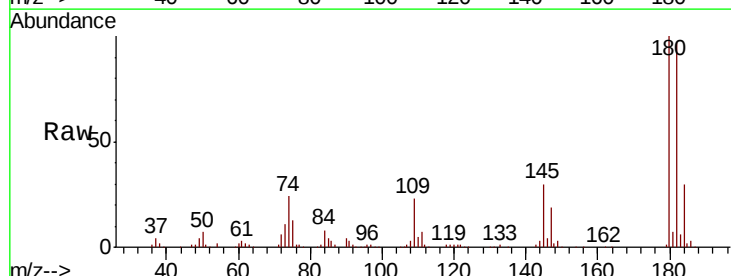


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

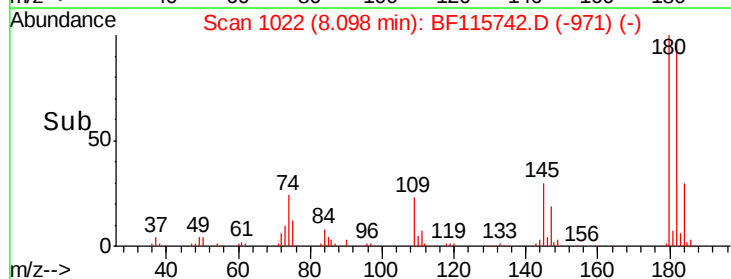
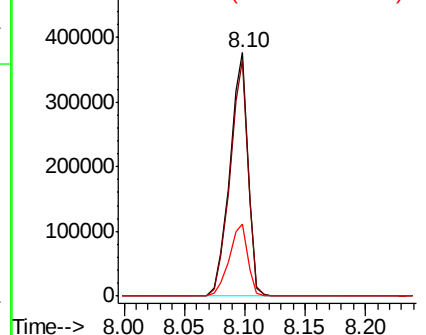


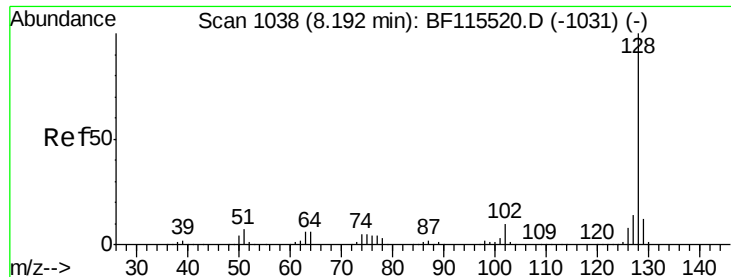
#30
1,2,4-Trichlorobenzene
Concen: 39.391 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:	180	Resp:	390308
Ion Ratio	Lower	Upper	
180	100		
182	97.0	76.0	114.0
145	29.5	23.8	35.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





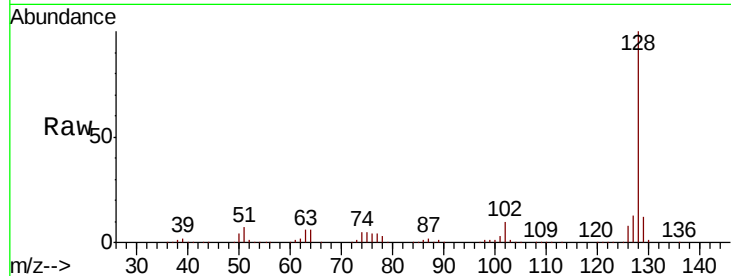
#31
Naphthalene
Concen: 42.144 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

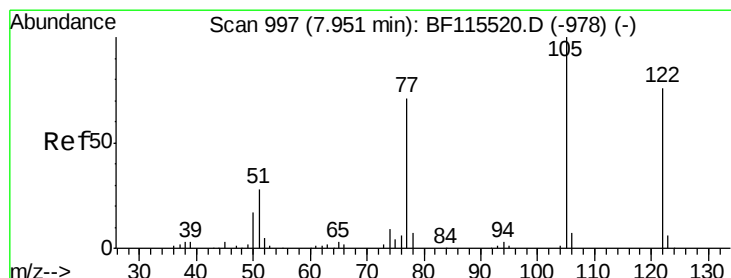
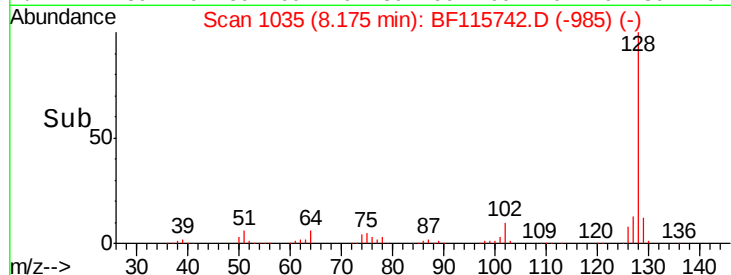
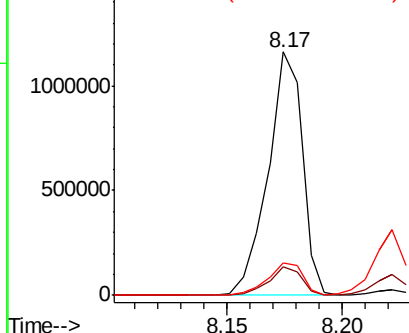
Tot Ion:128 Resp: 1204238
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.0
127 13.5 11.0 16.6

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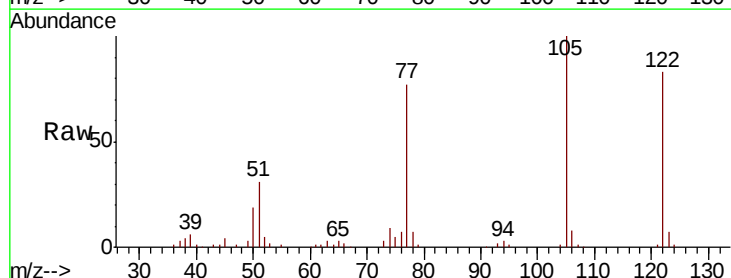


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

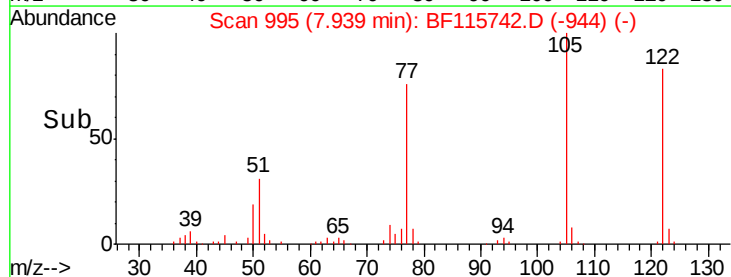
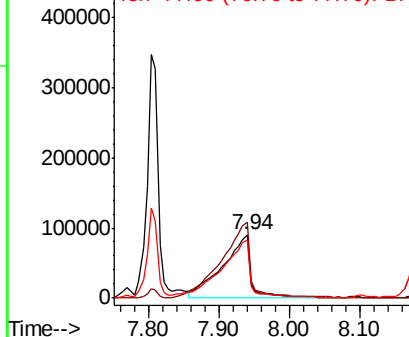


#32
Benzoic acid
Concen: 35.729 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:122 Resp: 247139
Ion Ratio Lower Upper
122 100
105 120.0 104.1 144.1
77 92.2 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





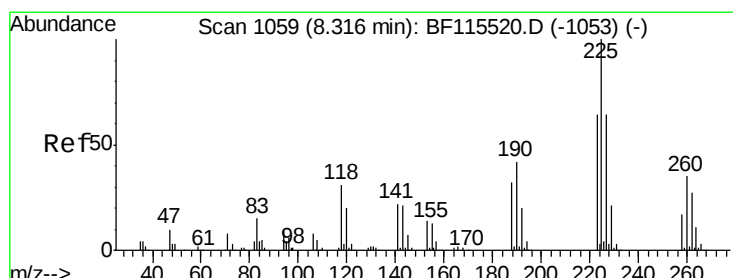
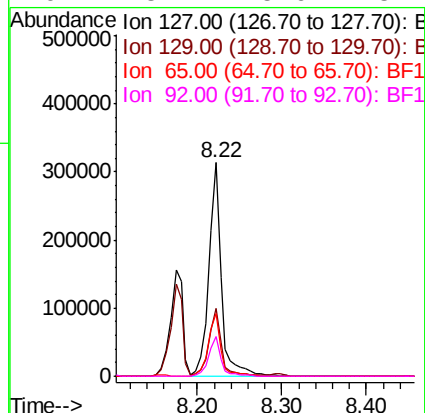
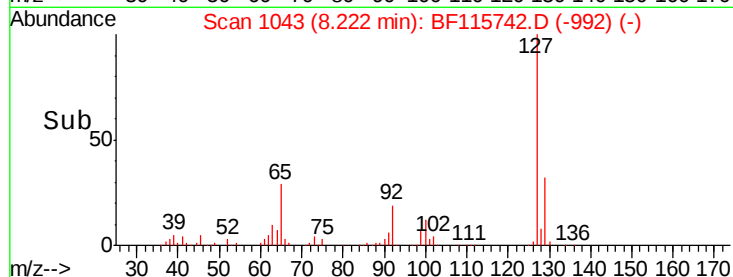
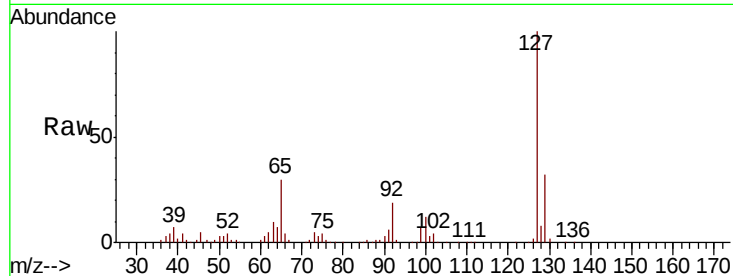
#33
4-Chloroaniline
Concen: 25.565 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.1	39.1	
65	29.5	24.6	37.0	
92	18.7	15.6	23.4	

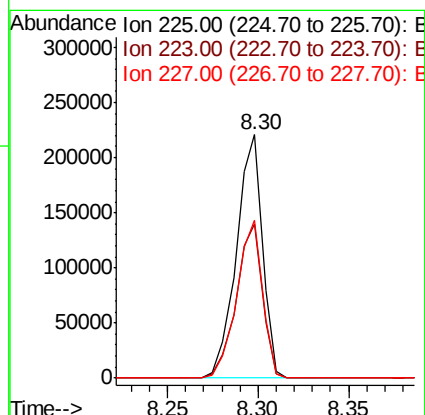
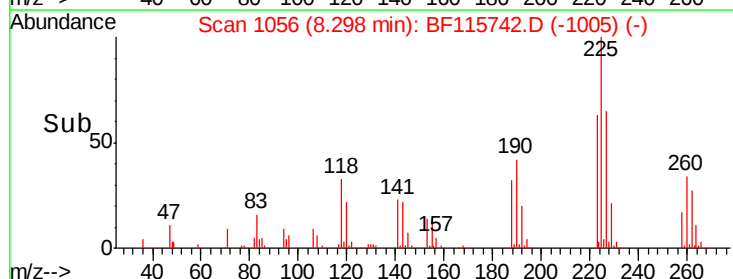
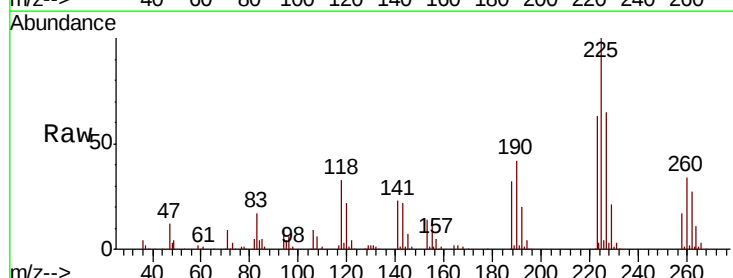
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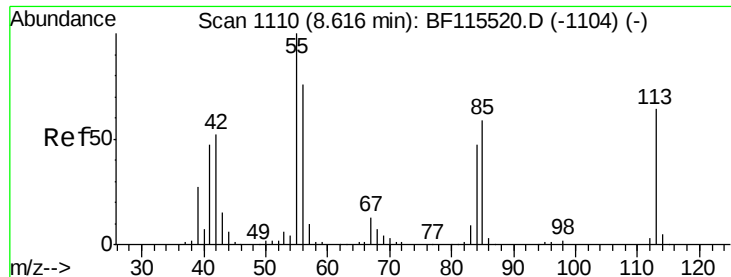
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#34
Hexachlorobutadiene
Concen: 38.769 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.8	74.8	
227	65.1	50.6	75.8	





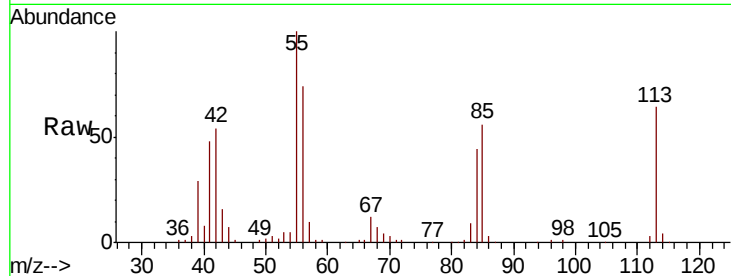
#35
Caprolactam
Concen: 42.163 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampled :
PB121641BSD

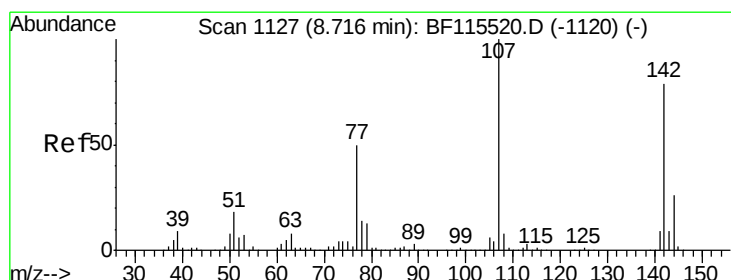
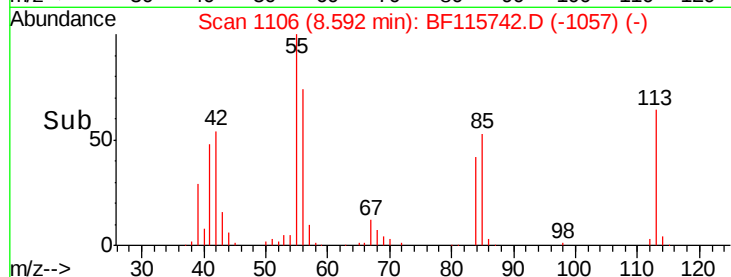
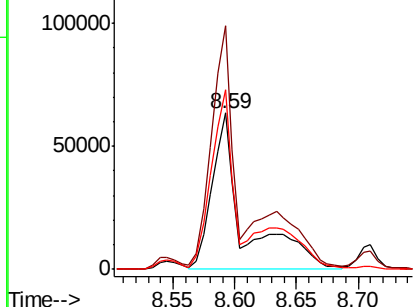
Tot Ion	Ratio	Lower	Upper
113	100		
55	155.5	135.9	175.9
56	115.0	95.8	135.8

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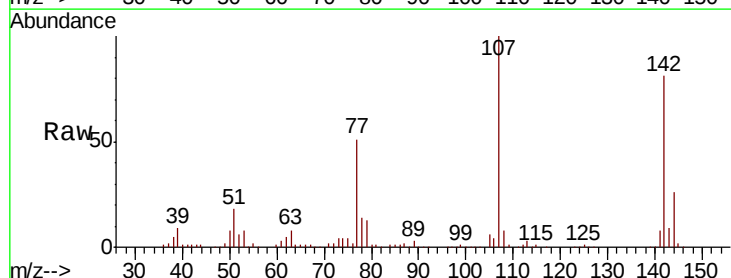


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

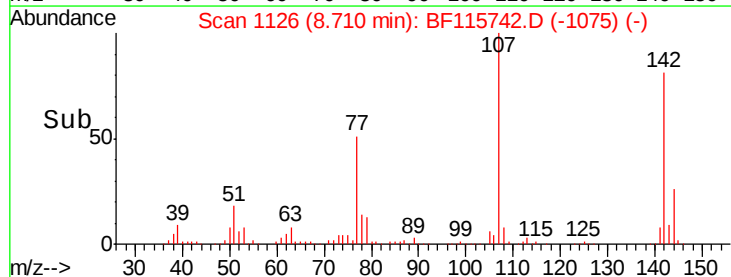
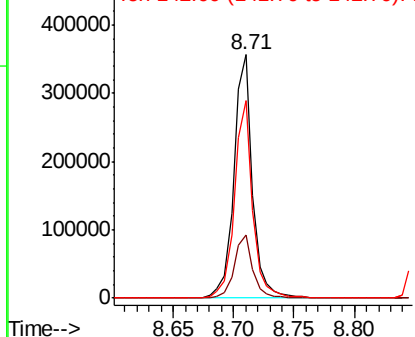


#36
4-Chloro-3-methylphenol
Concen: 42.111 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.4	32.0
142	81.0	64.6	96.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





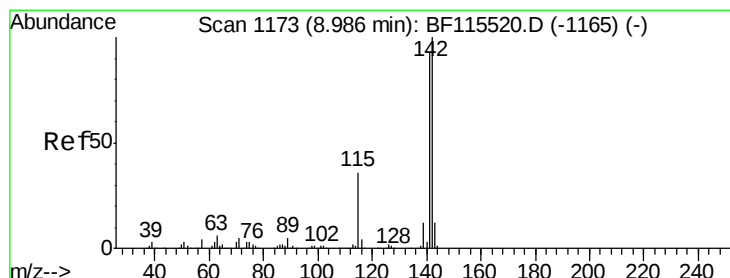
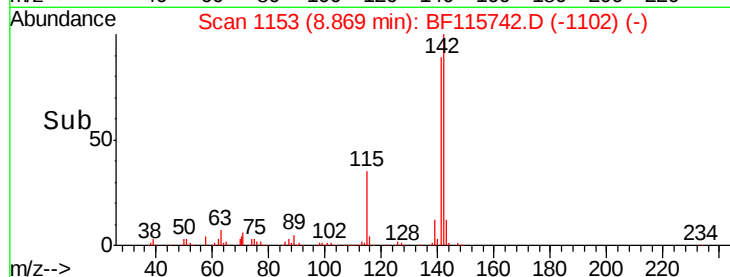
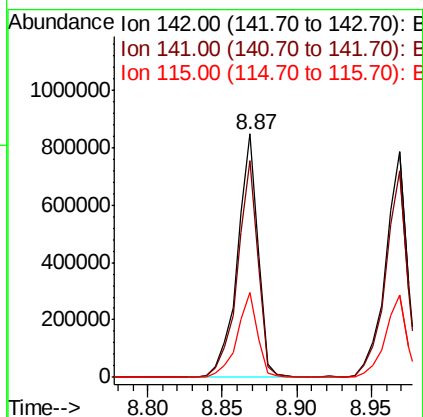
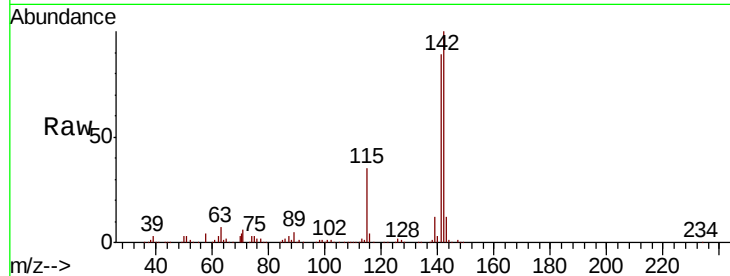
#37
2-Methylnaphthalene
Concen: 43.129 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.4	105.6
115	34.8	28.2	42.2

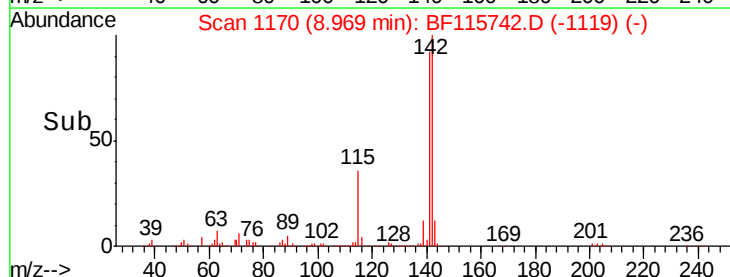
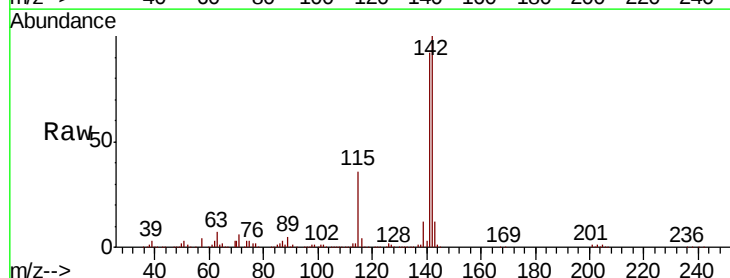
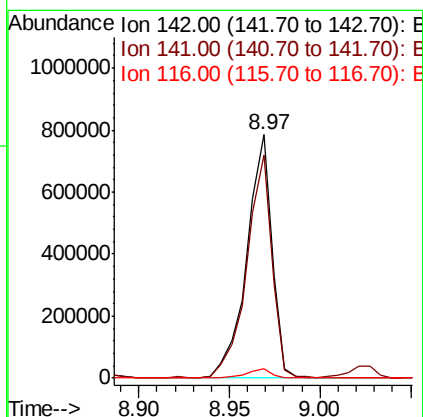
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#38
1-Methylnaphthalene
Concen: 42.150 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.9	109.3
116	3.8	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

PB121641BSD

Tot Ion:164 Resp: 297679

Ion Ratio Lower Upper

164 100

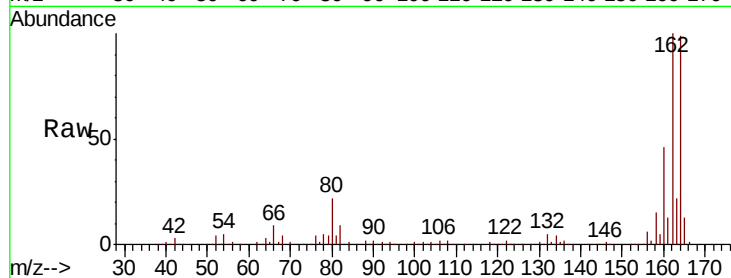
162 100.8 81.8 122.8

160 46.0 37.8 56.8

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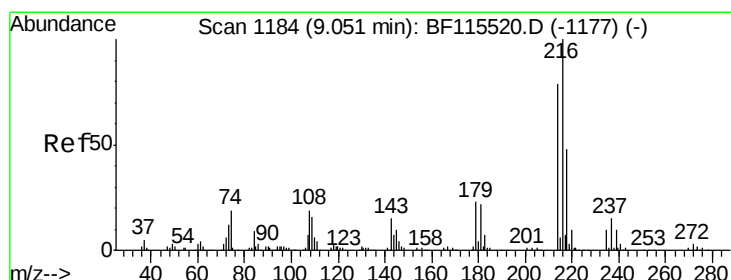
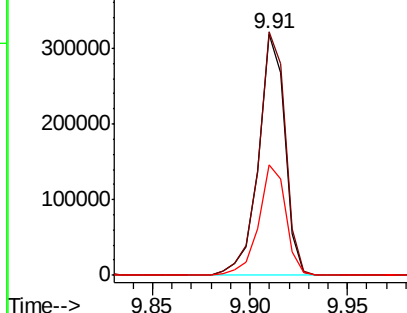
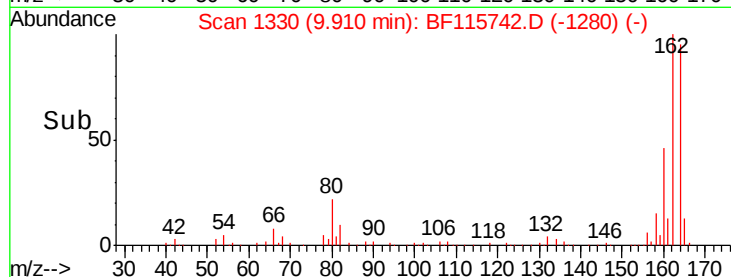


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.770 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:216 Resp: 374435

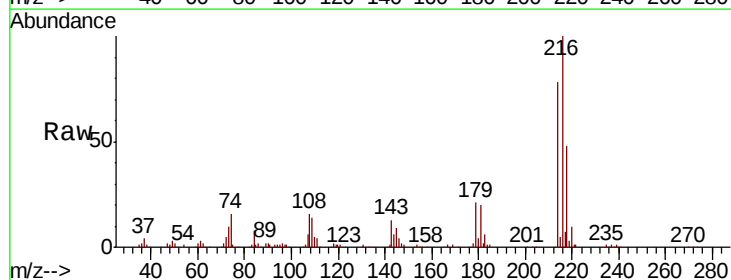
Ion Ratio Lower Upper

216 100

214 78.7 64.2 96.4

179 21.8 17.6 26.4

108 21.2 16.3 24.5



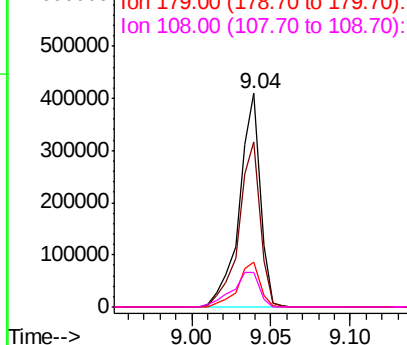
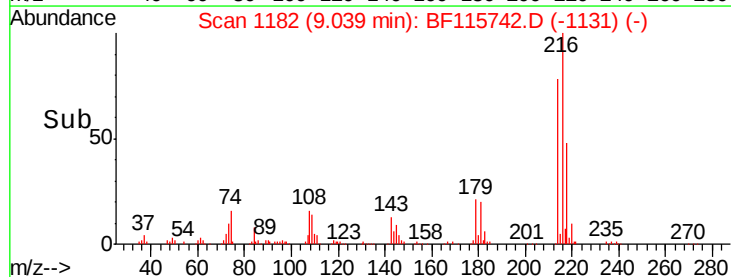
Abundance

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: 62.557 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

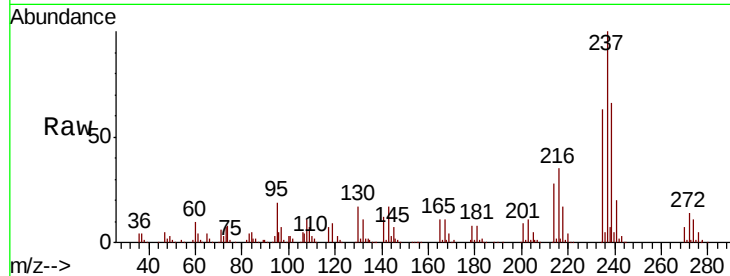
ClientSampleId :

PB121641BSD

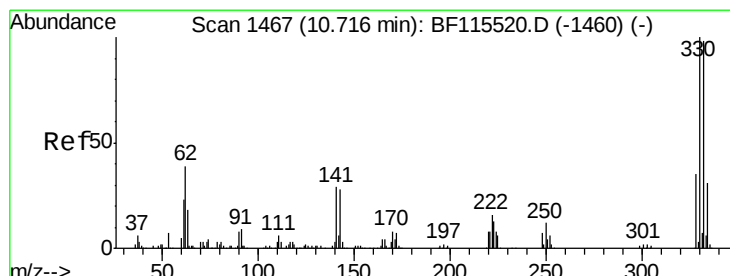
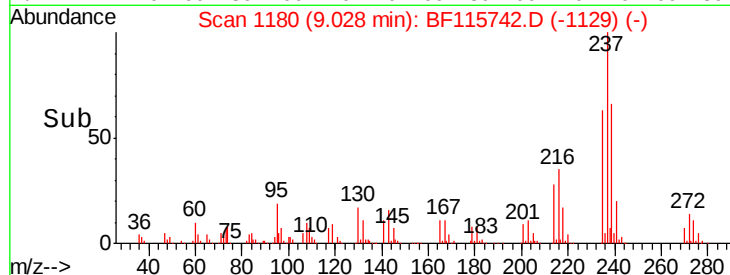
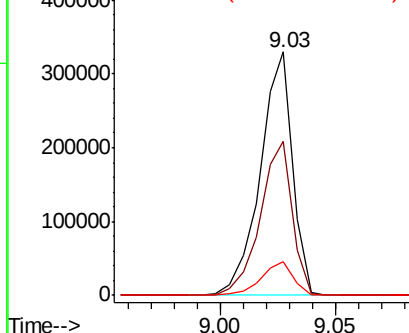
Tot Ion:	237	Resp:	319887
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.6	83.6
272	14.0	0.0	33.6

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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: 78.487 ng

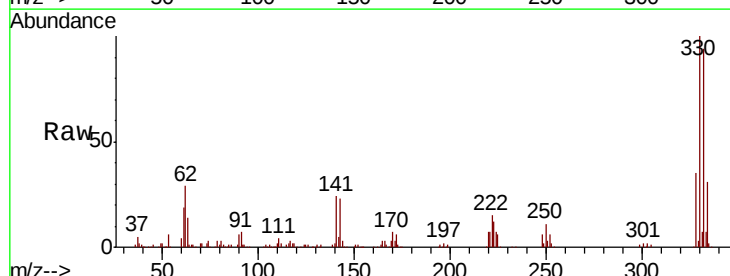
RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

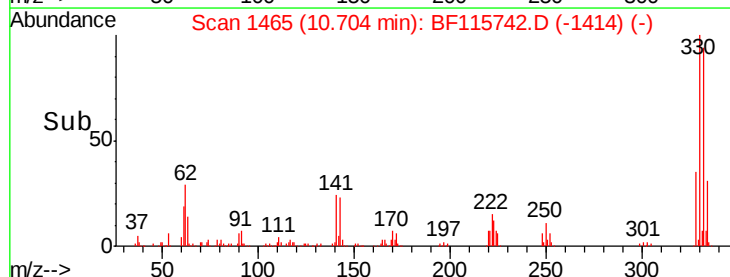
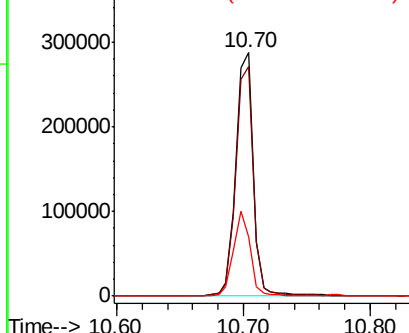
Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion:	330	Resp:	272714
Ion Ratio		Lower	Upper
330	100		
332	95.7	76.7	115.1
141	33.6	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





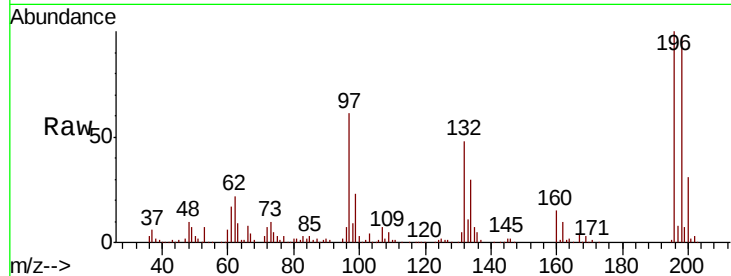
#43
 2,4,6-Trichlorophenol
 Concen: 38.565 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	252808		
198	97.5	79.4	119.2	
200	30.8	25.6	38.4	

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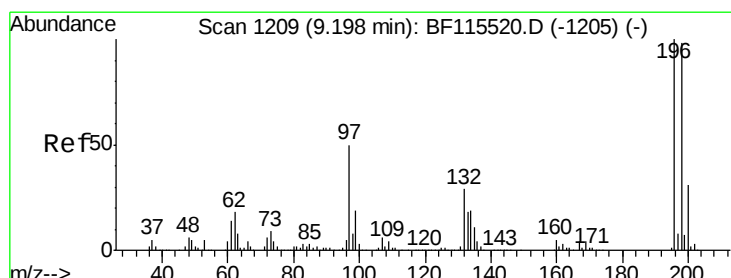
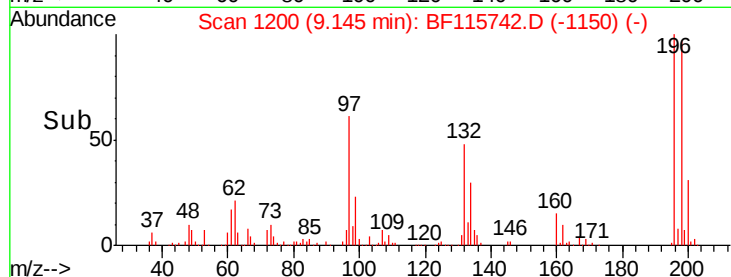
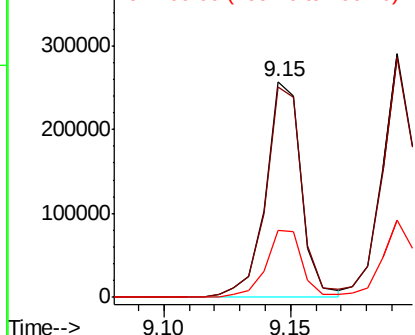


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.170 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	269680		
198	98.7	77.9	116.9	
97	50.1	37.4	56.0	
132	29.2	22.2	33.4	

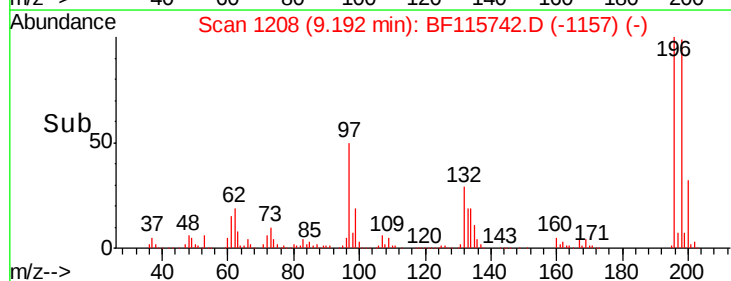
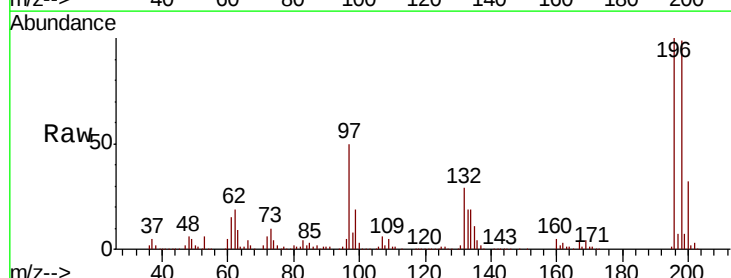
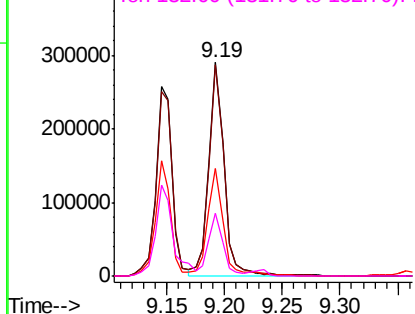
Abundance

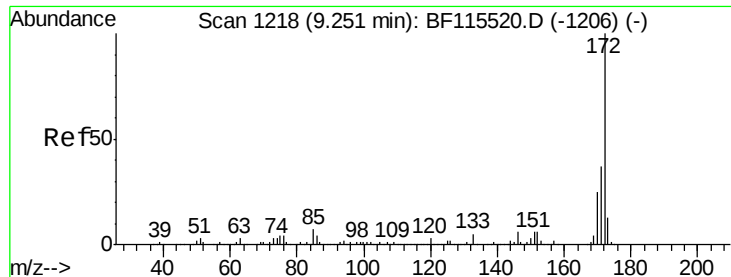
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





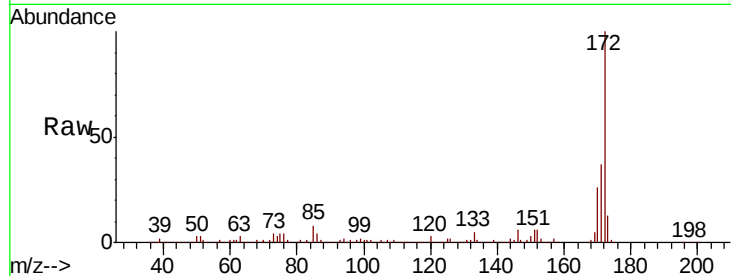
#45
2-Fluorobiphenyl
Concen: 90.538 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

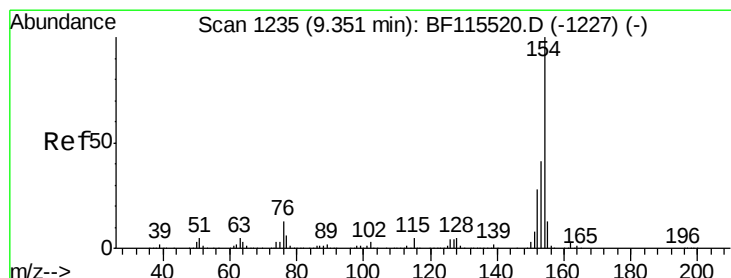
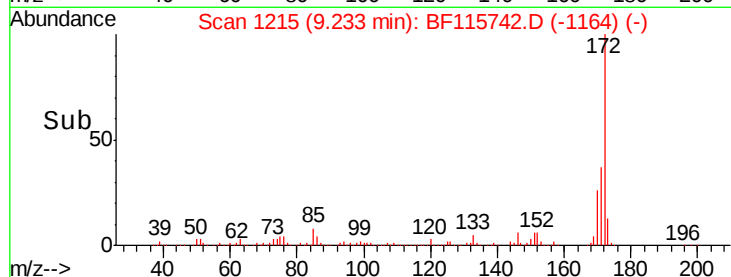
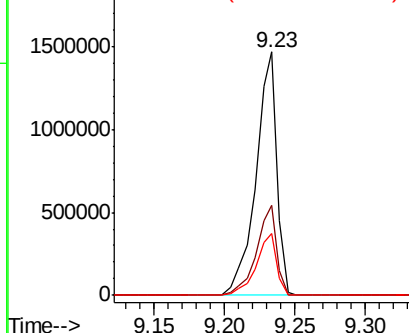
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	25.6	20.0	30.0

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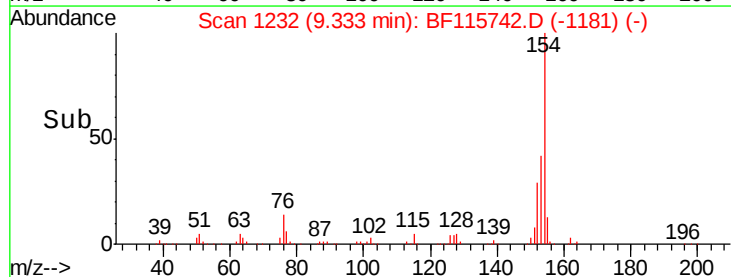
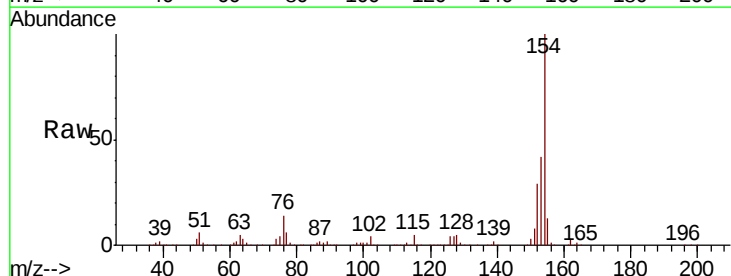
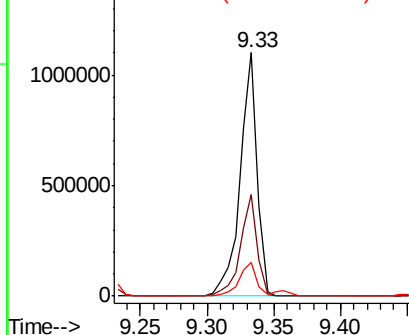
Abundance Ion 172.00 (171.70 to 172.70): E
2000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

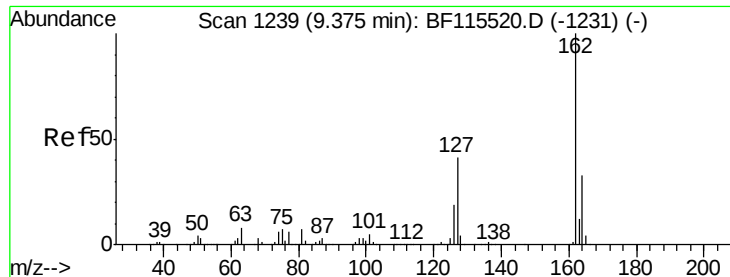


#46
1,1'-Biphenyl
Concen: 42.032 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.9	60.9
76	13.6	0.0	34.3

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





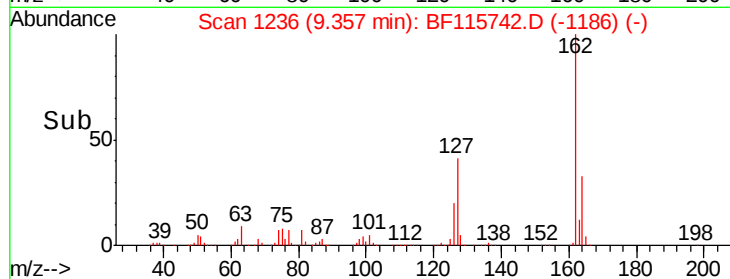
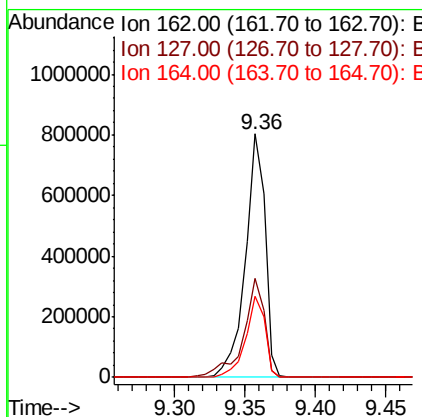
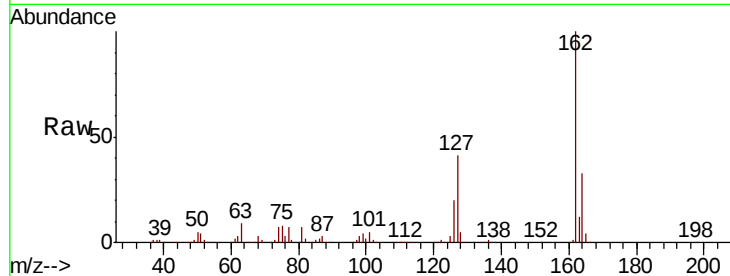
#47
 2-Chloronaphthalene
 Concen: 40.334 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleID :
 PB121641BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	40.7	31.4	47.2
164	33.3	26.7	40.1

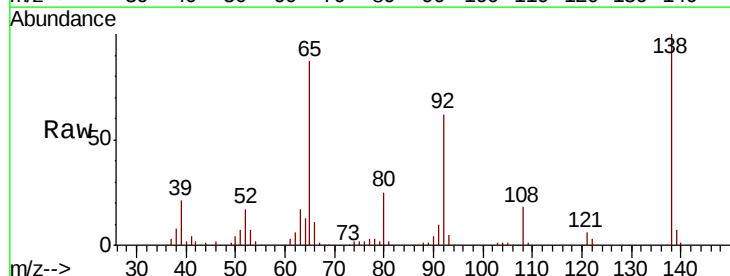
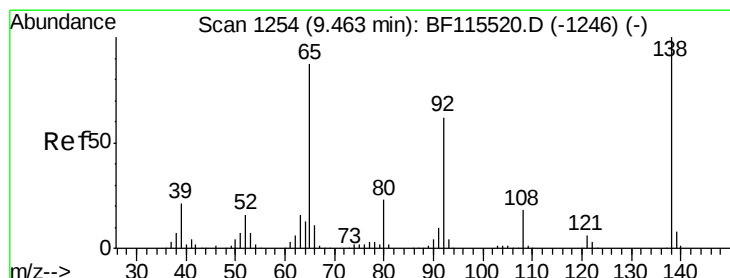
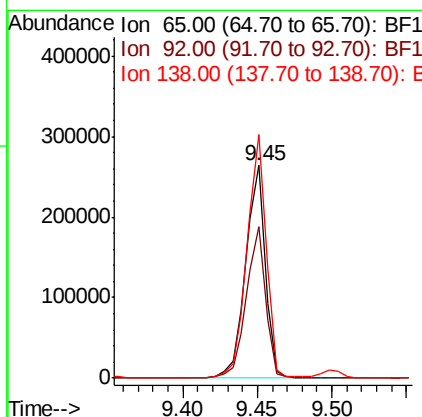
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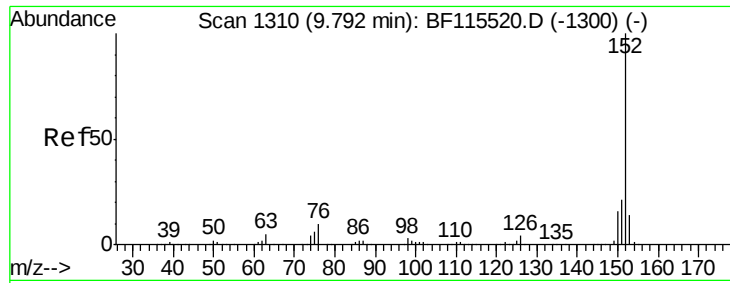
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#48
 2-Nitroaniline
 Concen: 40.193 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	71.1	55.4	83.2
138	114.6	87.2	130.8





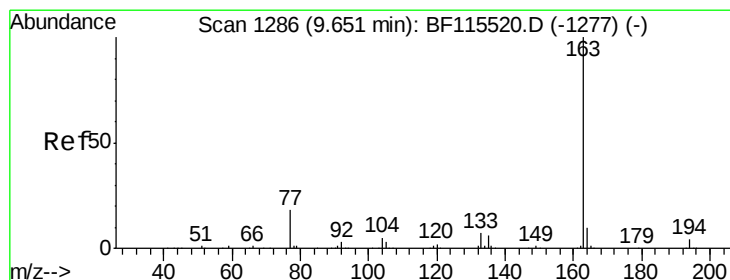
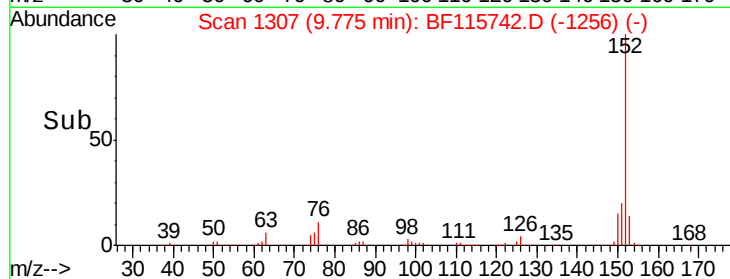
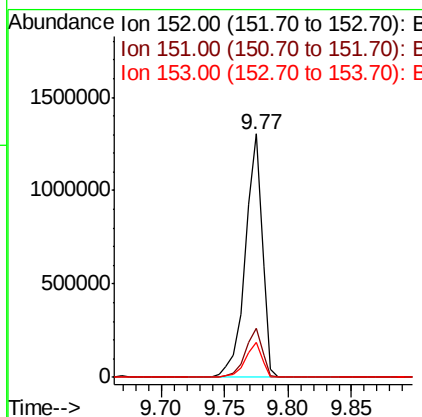
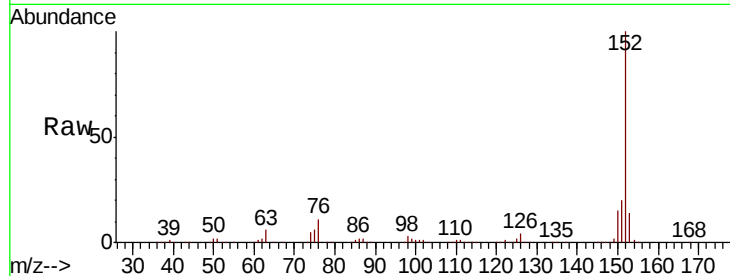
#49
Acenaphthylene
Concen: 41.903 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	14.1	11.5	17.3

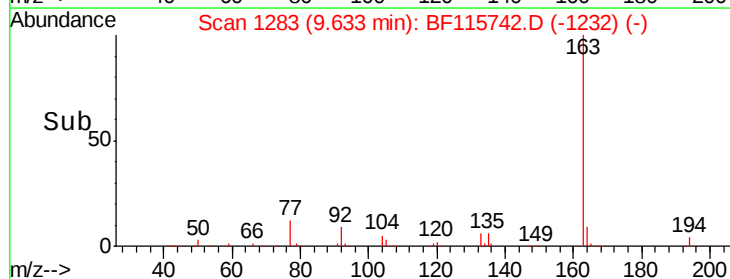
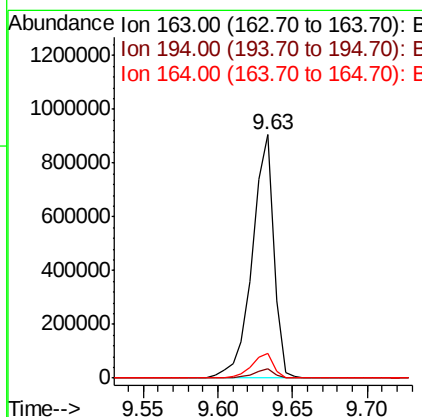
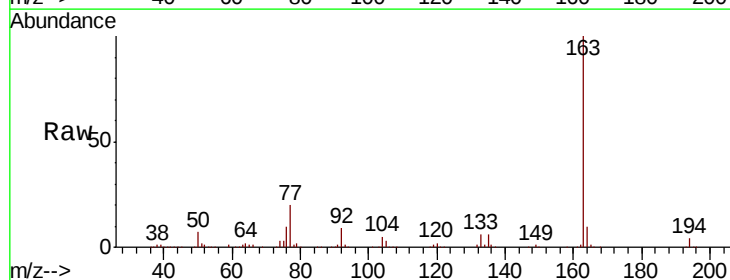
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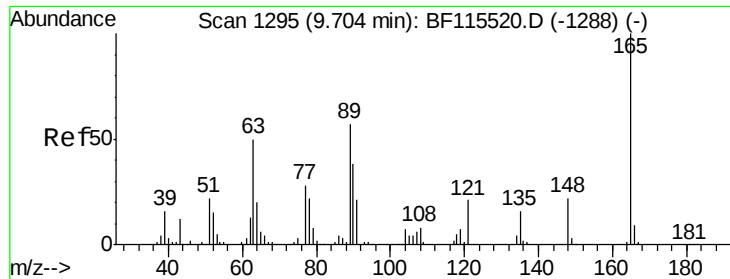
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#50
Dimethylphthalate
Concen: 40.309 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.1	8.5	12.7





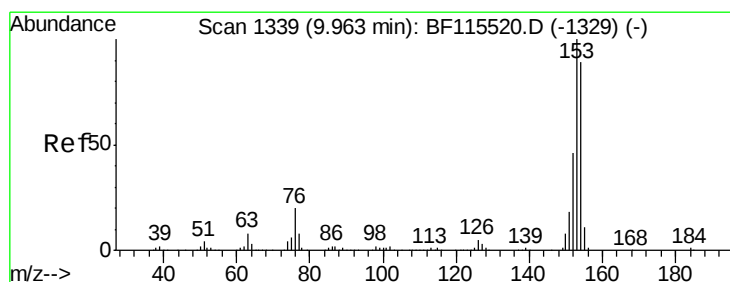
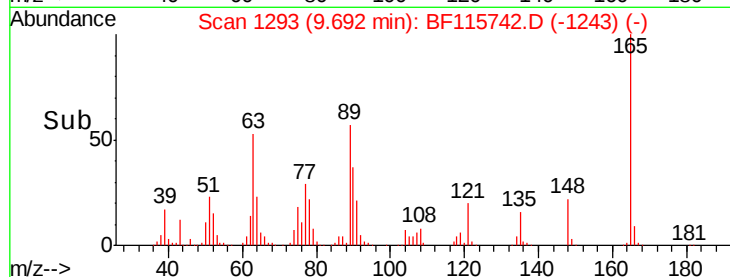
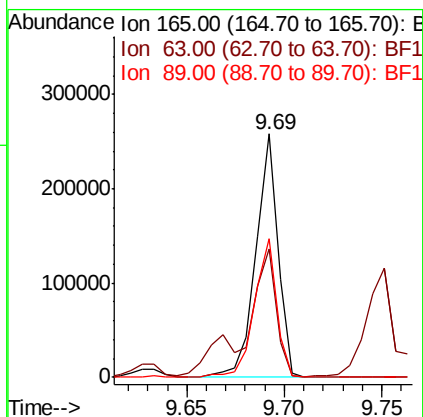
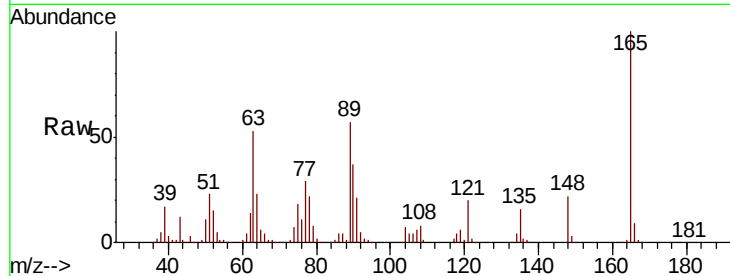
#51
2,6-Dinitrotoluene
Concen: 40.148 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	204343		
63	52.7	35.8	53.6	
89	56.8	41.4	62.2	

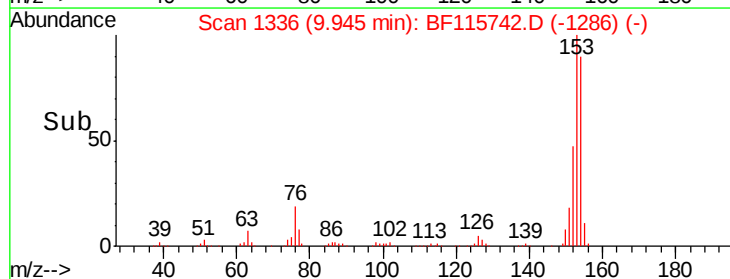
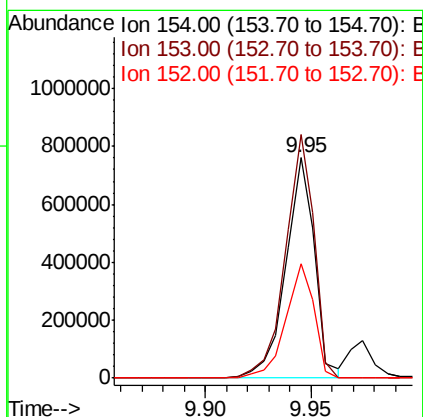
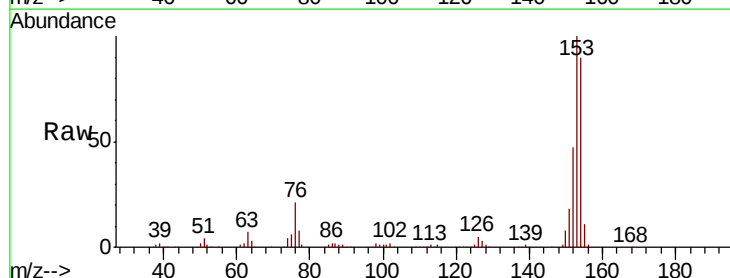
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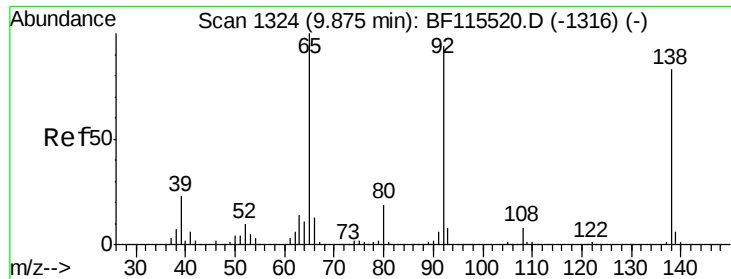
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#52
Acenaphthene
Concen: 39.048 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	723857		
153	110.6	89.5	134.3	
152	52.1	42.2	63.4	





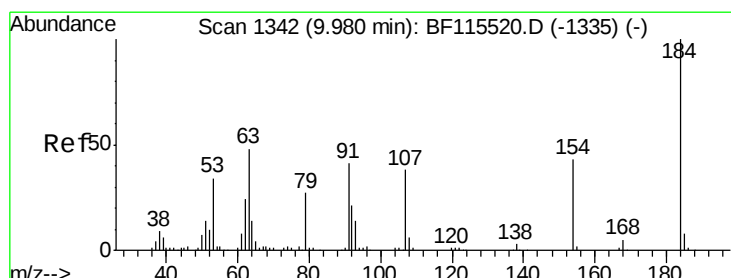
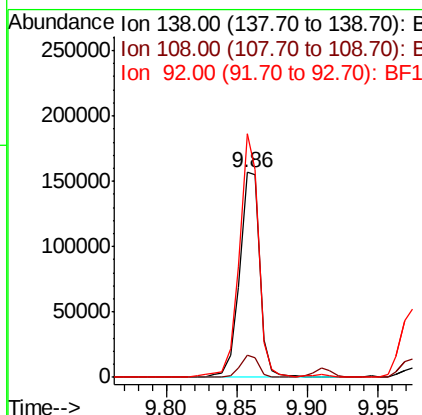
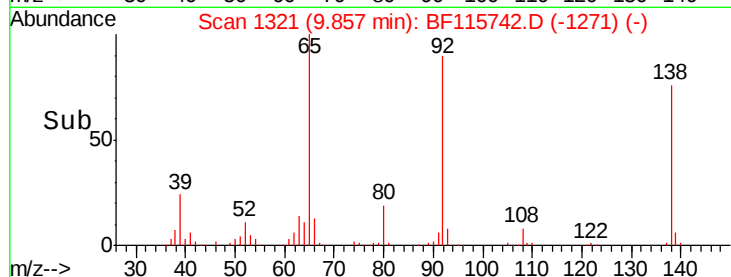
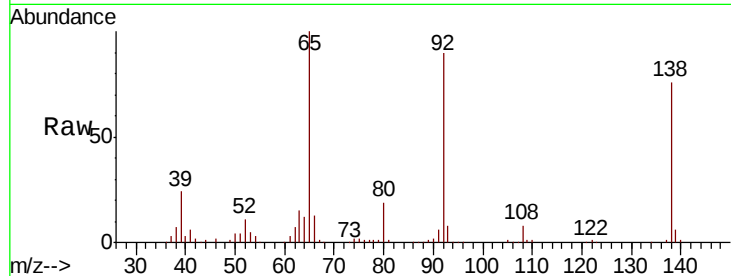
#53
 3-Nitroaniline
 Concen: 27.054 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	8.0	12.0	
92	118.9	91.0	136.6	

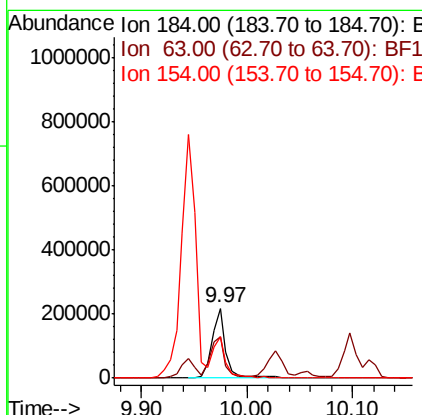
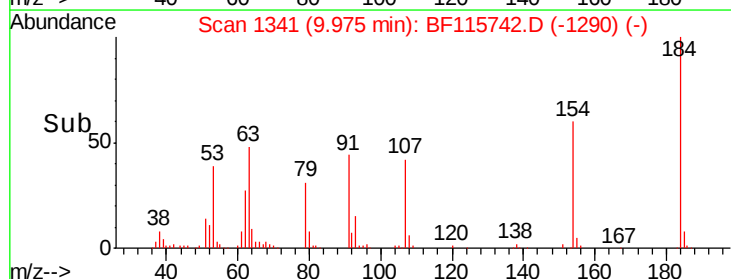
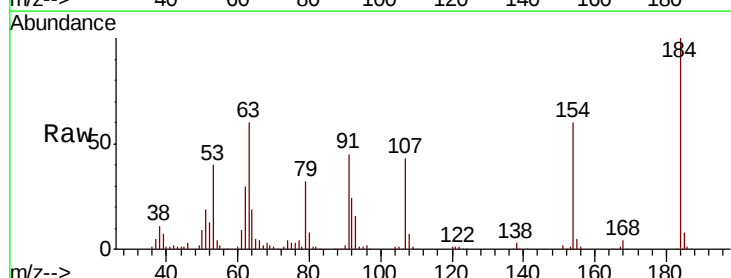
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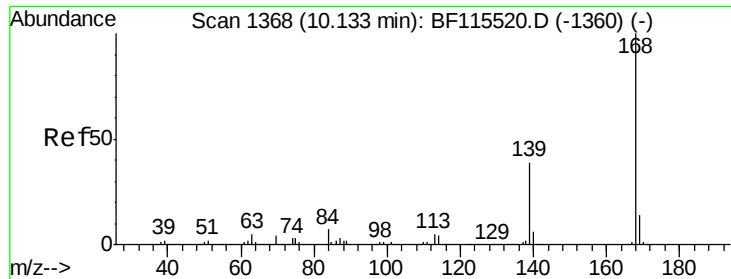
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#54
 2,4-Dinitrophenol
 Concen: 76.694 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.8	48.6	72.8	
154	60.2	50.6	75.8	





#55

Dibenzofuran

Concen: 40.896 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampled :

PB121641BSD

Tot Ion:168 Resp: 1076622

Ion Ratio Lower Upper

168 100

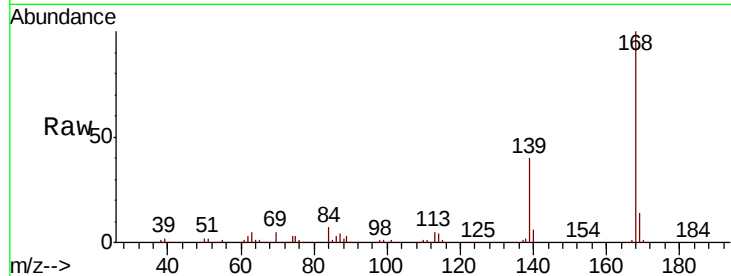
139 39.7 30.3 45.5

169 13.8 11.0 16.6

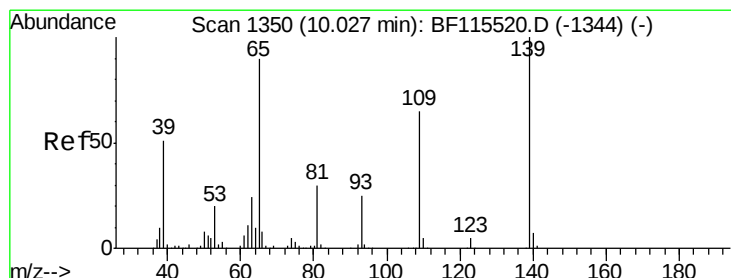
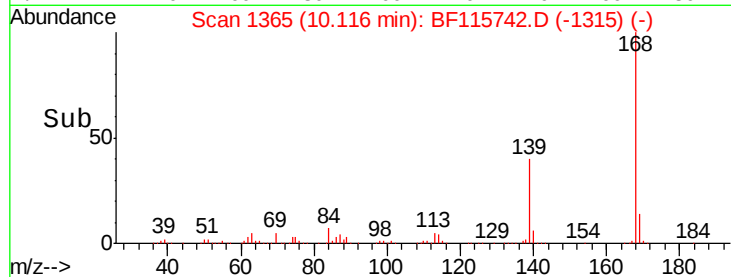
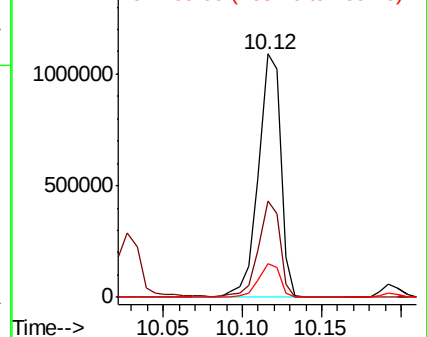
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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.509 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

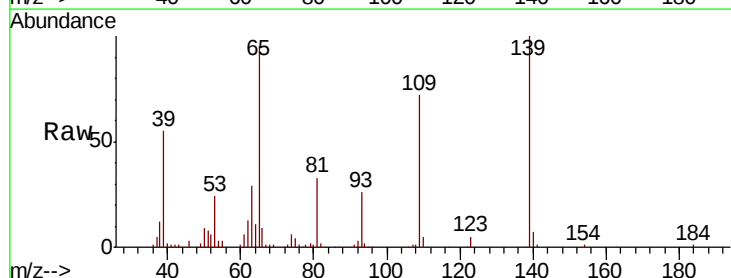
Tgt Ion:139 Resp: 317162

Ion Ratio Lower Upper

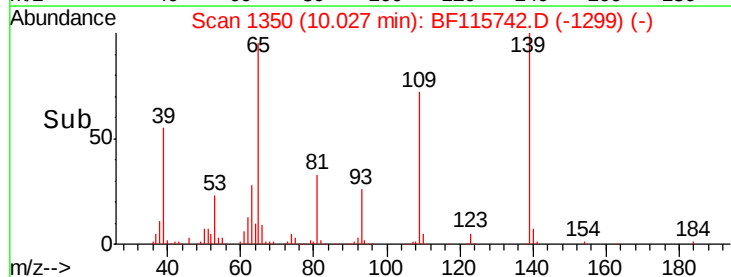
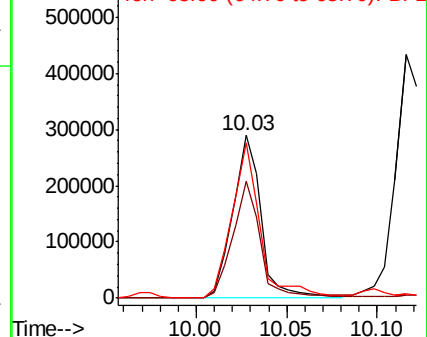
139 100

109 71.9 48.5 88.5

65 95.2 66.5 106.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





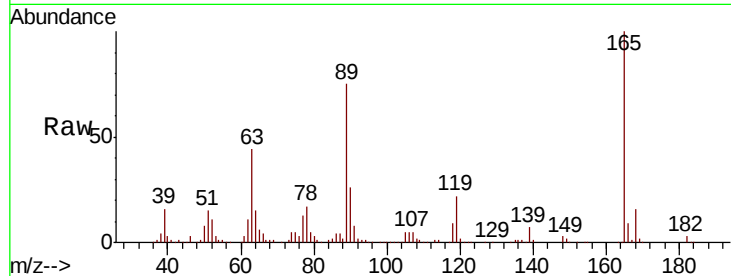
#57
2,4-Dinitrotoluene
Concen: 41.075 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

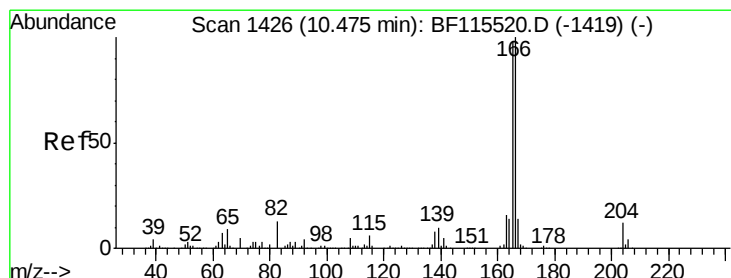
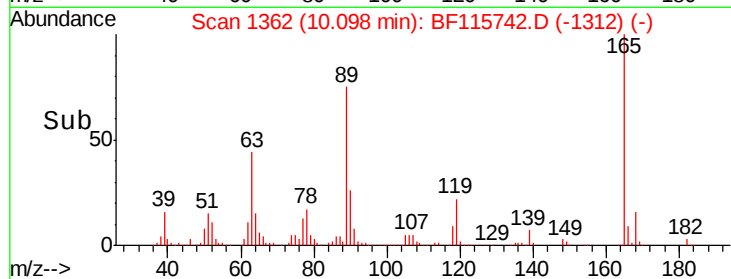
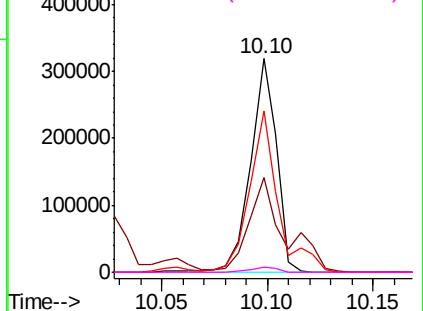
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		270850		
63	44.2	29.5	44.3		
89	75.3	52.2	78.4		
182	2.7	2.2	3.2		

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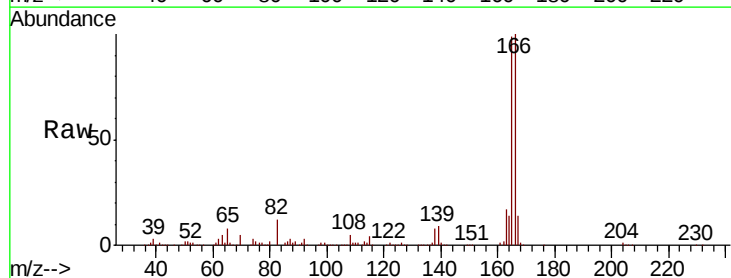


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

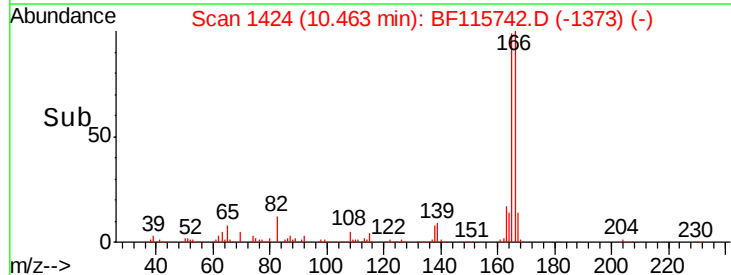
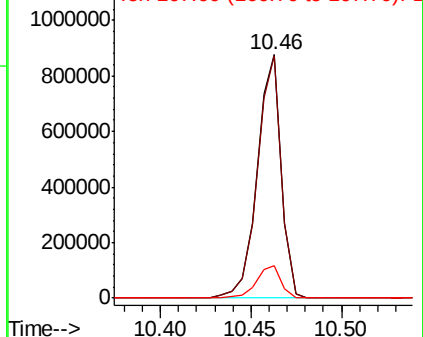


#58
Fluorene
Concen: 42.673 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		803092		
165	99.5	78.1	117.1		
167	13.5	10.9	16.3		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





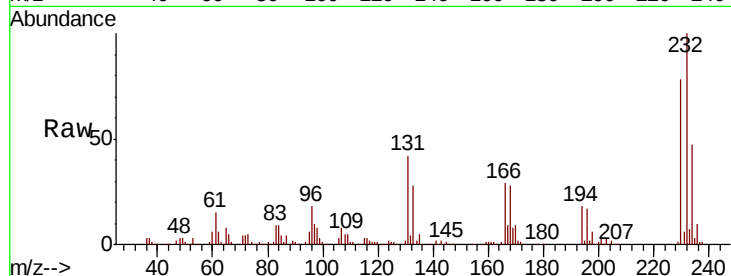
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.698 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	234010		
131	44.4	36.0	54.0	
130	2.2	1.9	2.9	
166	29.0	23.5	35.3	

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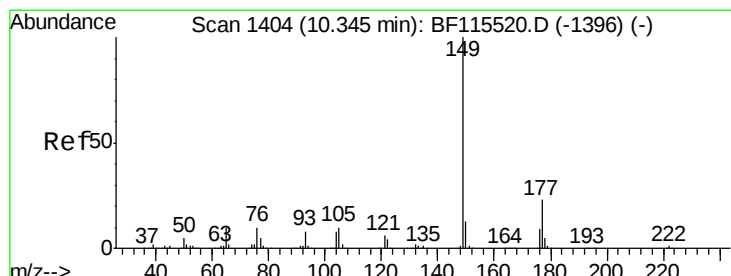
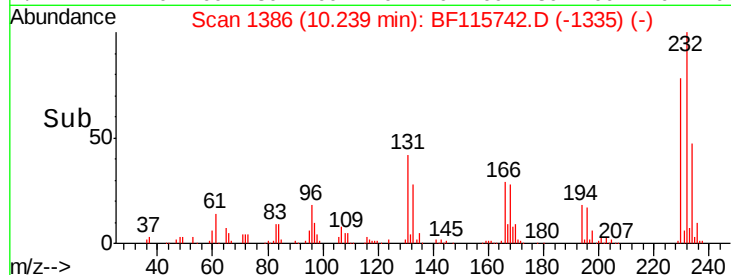
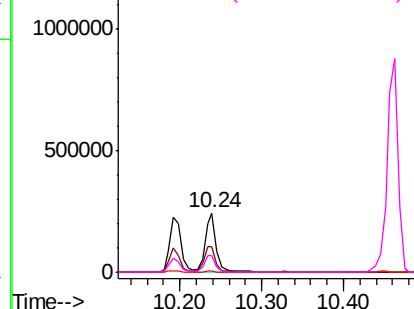
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

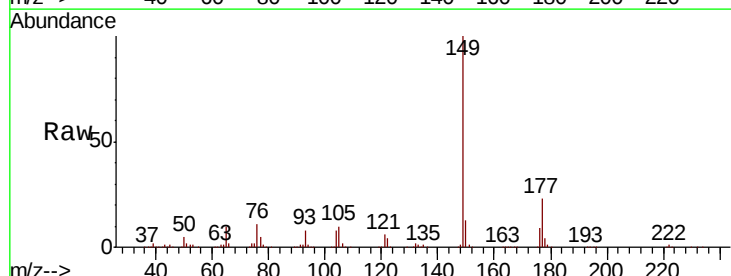
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.379 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	868314		
177	22.6	18.9	28.3	
150	12.7	10.1	15.1	

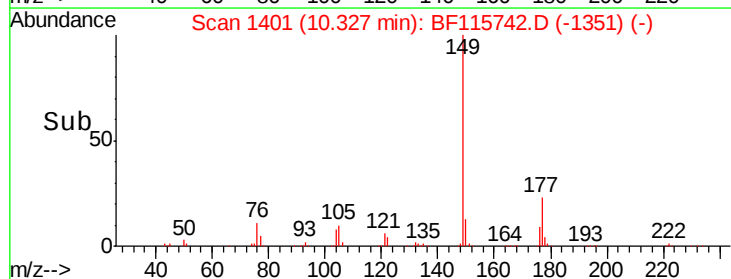
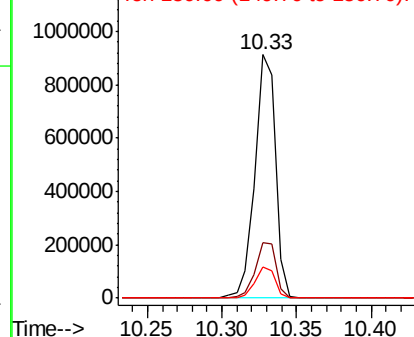


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





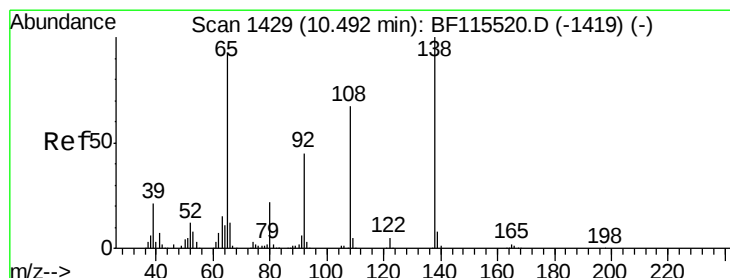
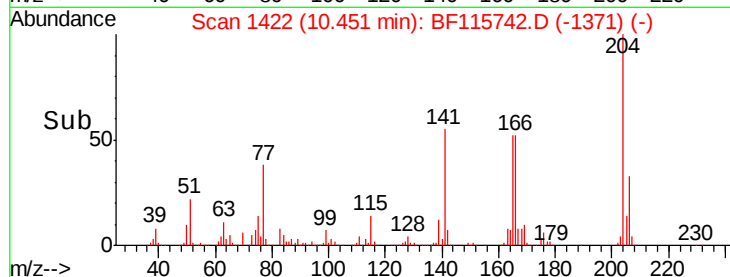
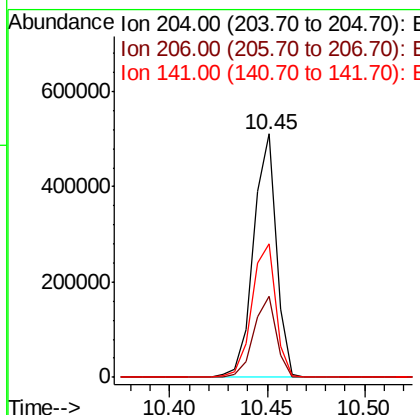
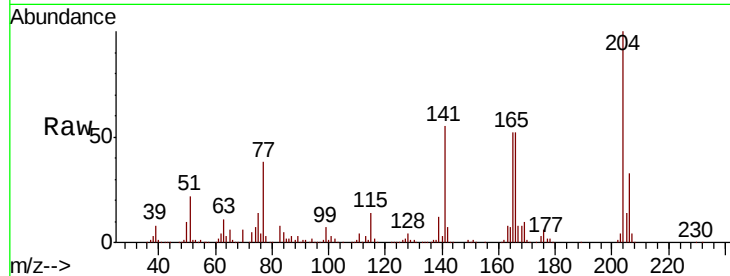
#61
 4-Chlorophenyl-phenylether
 Concen: 39.903 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampleId :
 PB121641BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.7	40.1
141	55.0	47.6	71.4

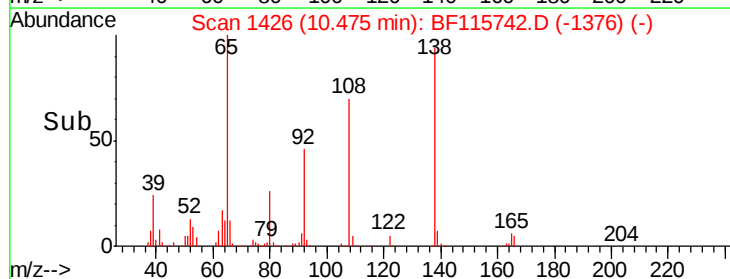
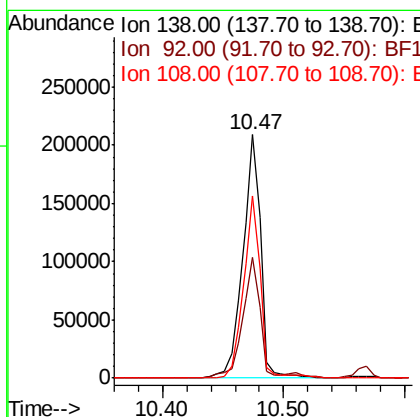
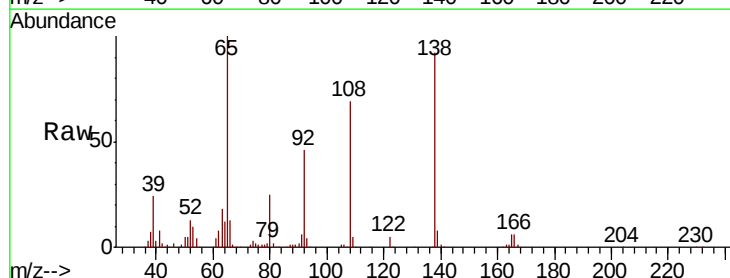
Manual Integrations
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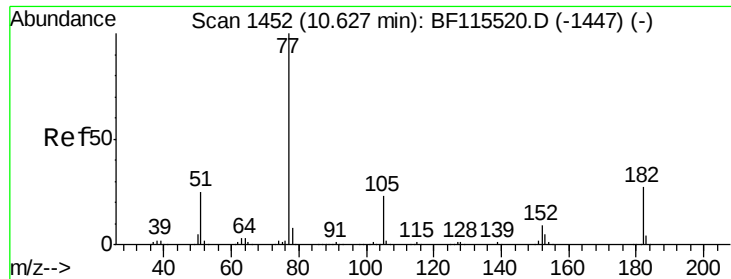
mohammad
 7/25/2019 2:17:22 PM



#62
 4-Nitroaniline
 Concen: 38.800 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.7	29.3	69.3
108	74.6	53.6	93.6





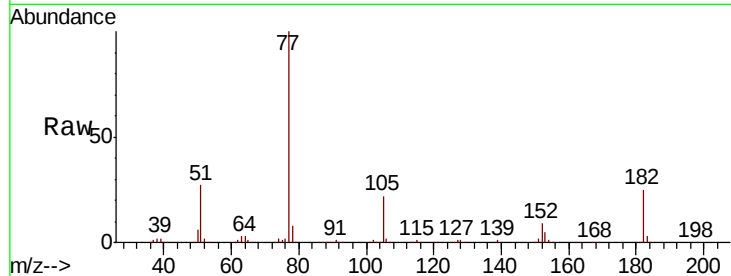
#63
Azobenzene
Concen: 43.663 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.1	4.2	44.2
105	22.3	2.5	42.5
51	26.6	7.0	47.0

Manual Integrations
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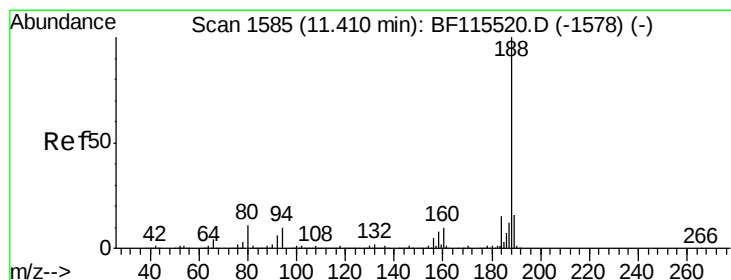
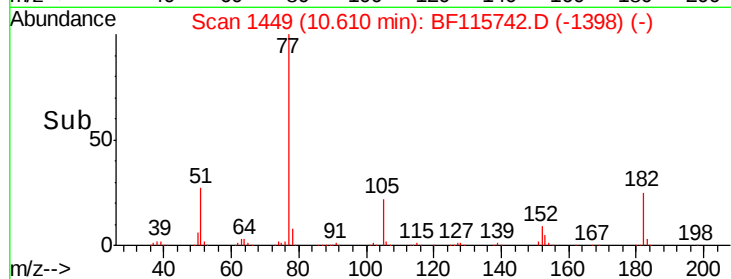
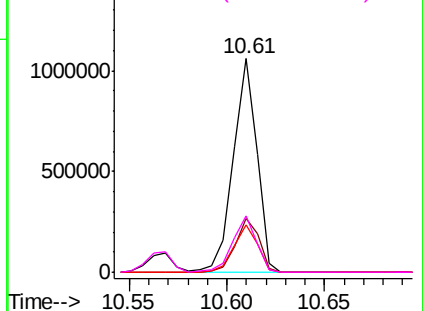
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

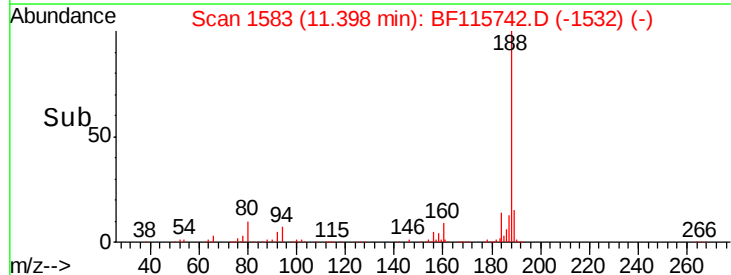
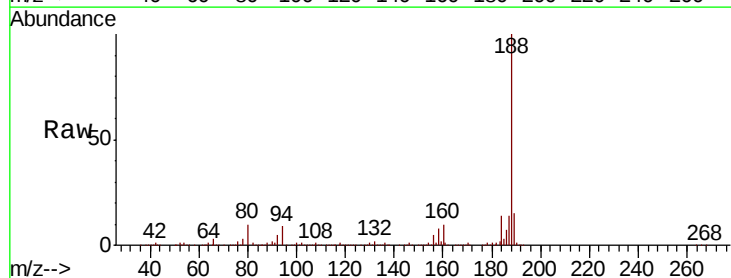
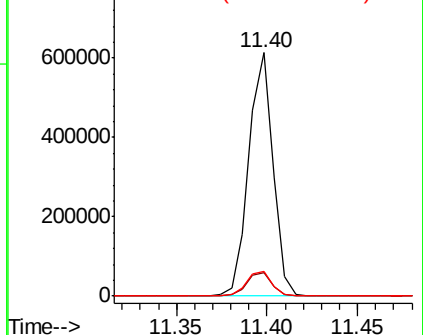
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.2	8.4	12.6

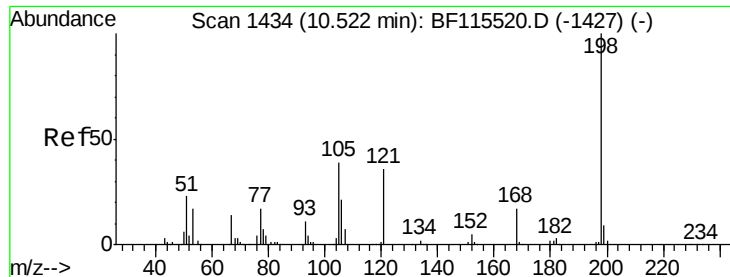
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





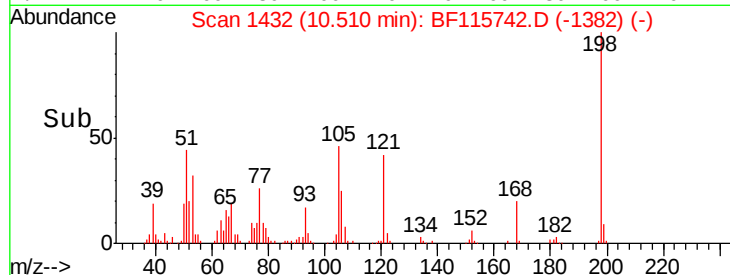
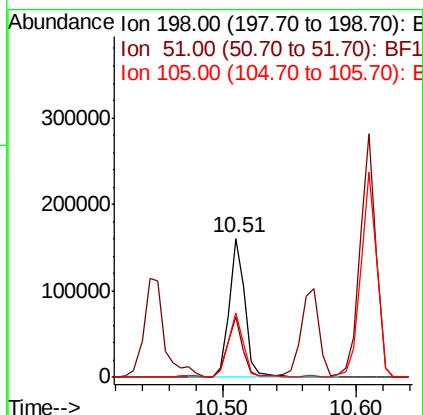
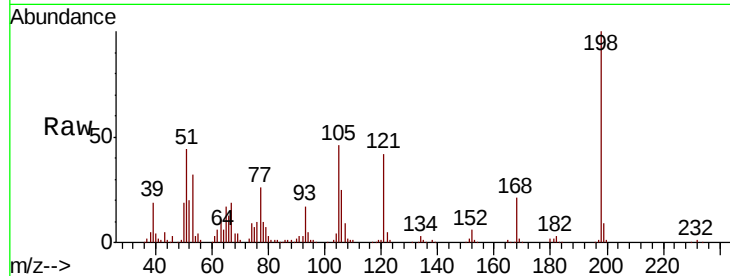
#65
4,6-Dinitro-2-methylphenol
Concen: 38.863 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	135791		
51	43.8	15.7	55.7	
105	46.2	21.5	61.5	

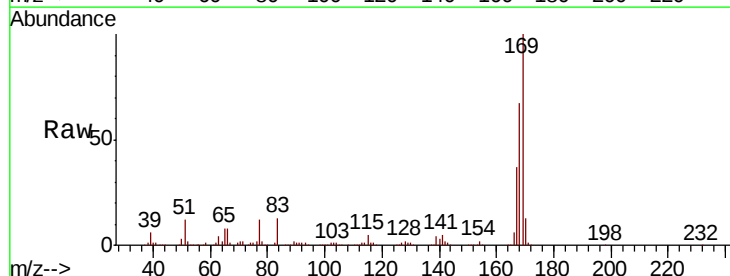
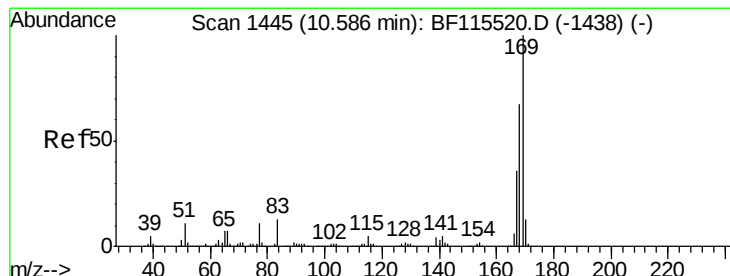
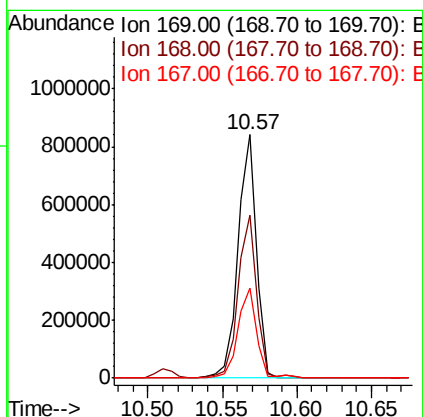
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#66
n-Nitrosodiphenylamine
Concen: 40.845 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	726618		
168	67.2	53.5	80.3	
167	37.0	29.0	43.4	





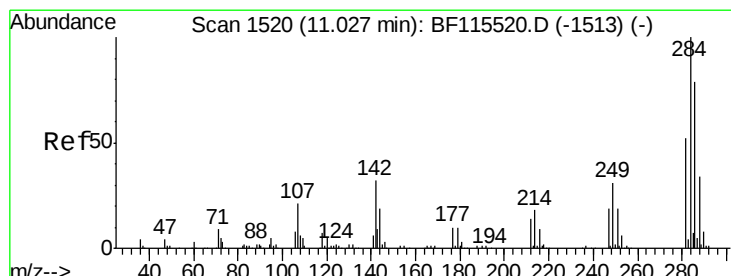
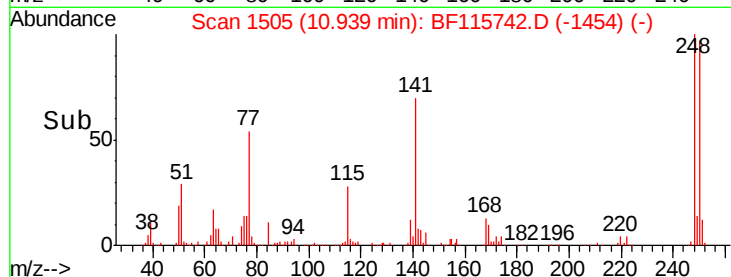
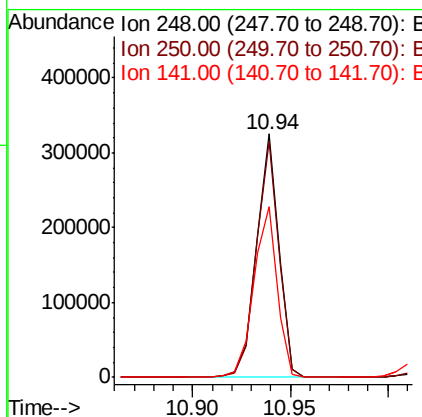
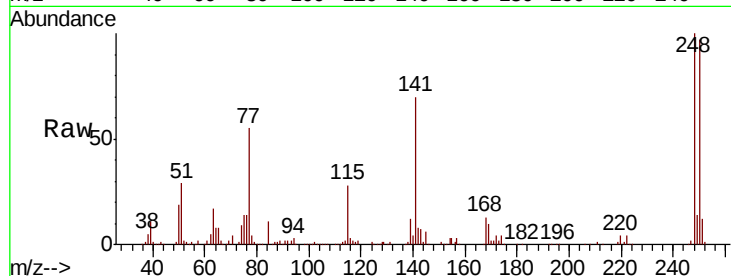
#67
4-Bromophenyl-phenylether
Concen: 39.373 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.1	114.1
141	69.9	57.7	86.5

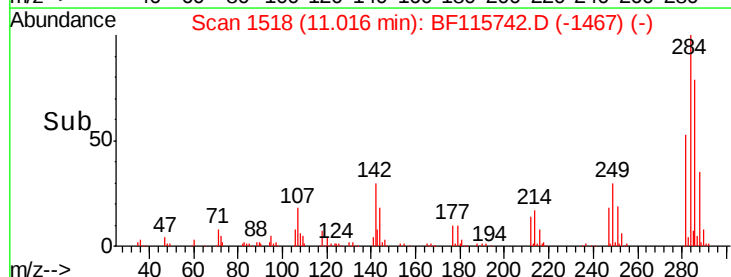
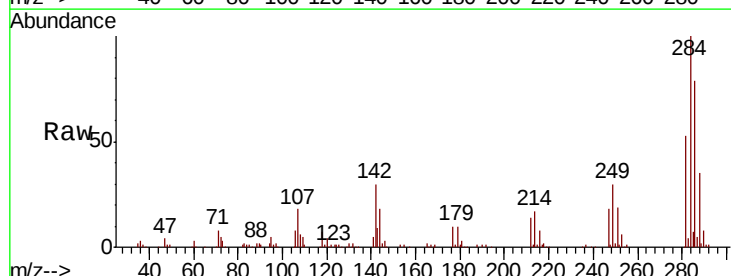
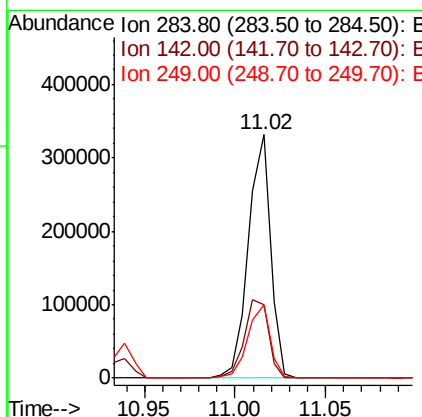
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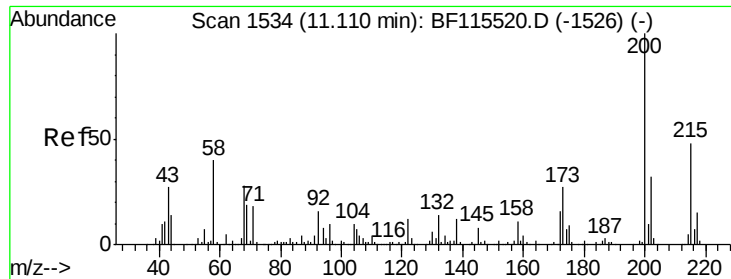
mohammad
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#68
Hexachlorobenzene
Concen: 38.156 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	26.4	39.6
249	30.0	23.8	35.8





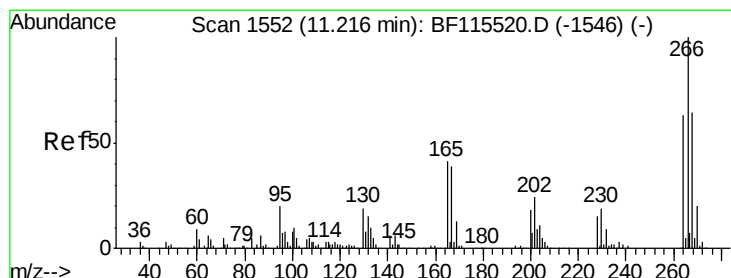
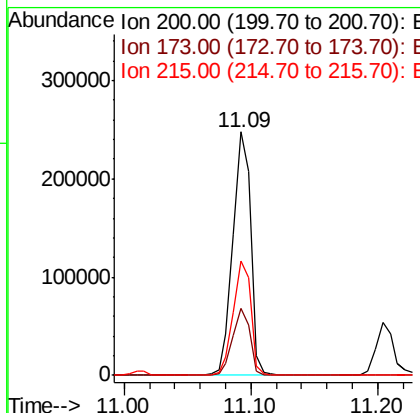
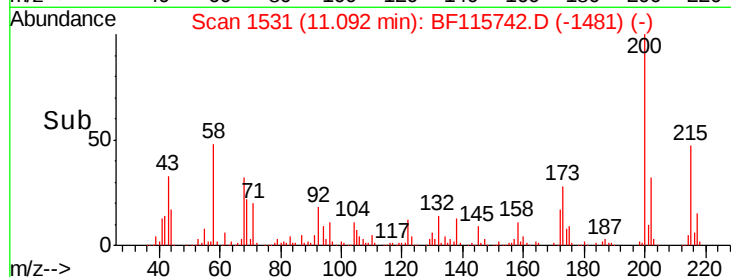
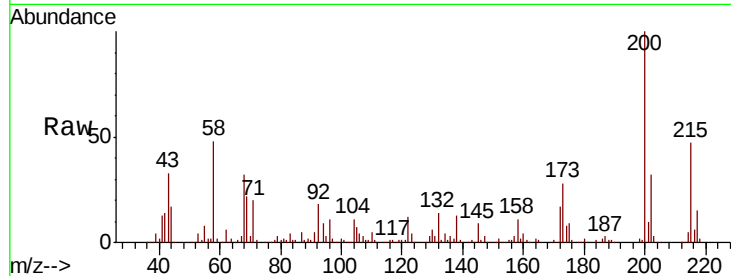
#69
Atrazine
Concen: 40.926 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	6.1	46.1
215	47.0	28.8	68.8

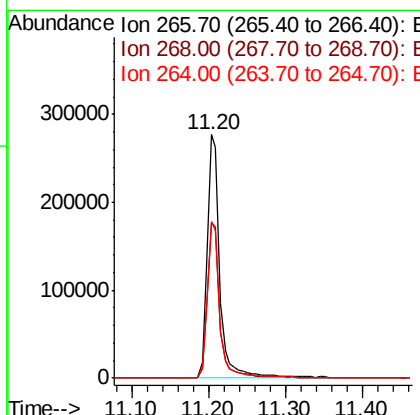
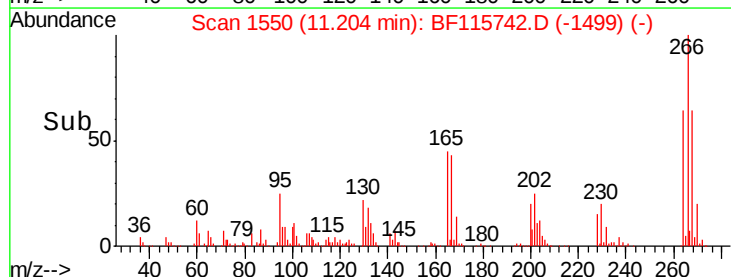
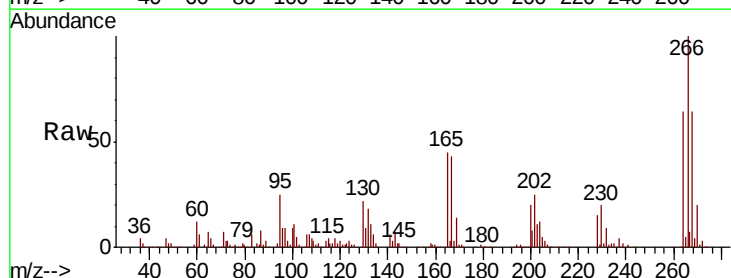
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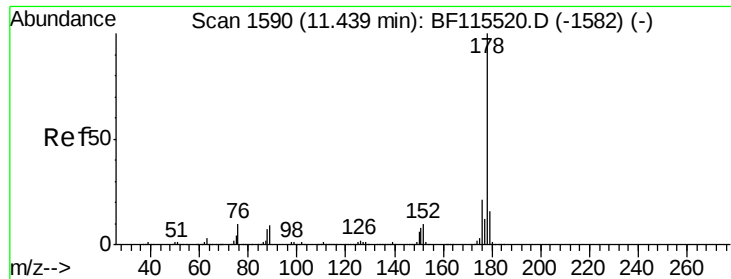
mohammad
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#70
Pentachlorophenol
Concen: 69.279 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	50.8	76.2
264	64.1	50.3	75.5





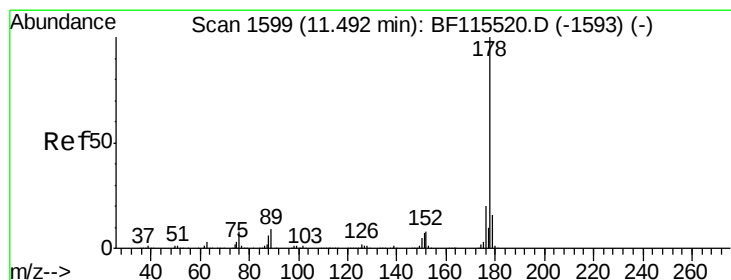
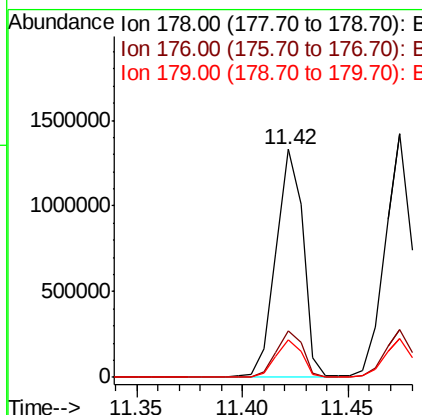
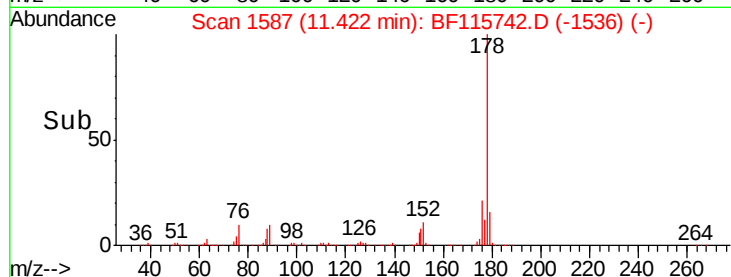
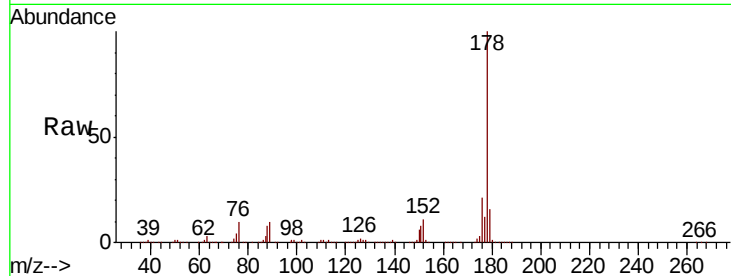
#71
Phenanthrene
Concen: 40.814 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion:178 Resp: 1196458
Ion Ratio Lower Upper
178 100
176 20.6 16.2 24.4
179 16.4 13.0 19.6

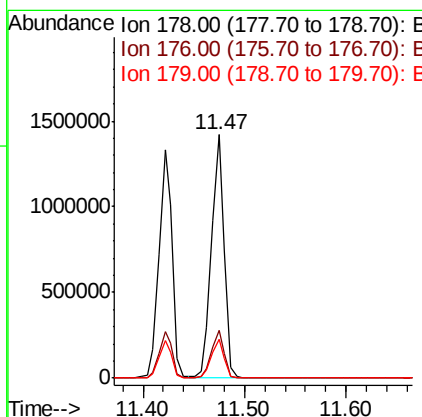
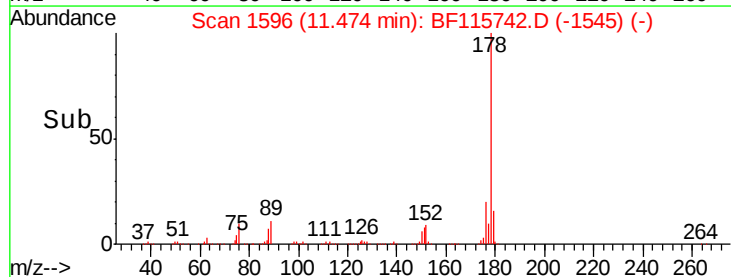
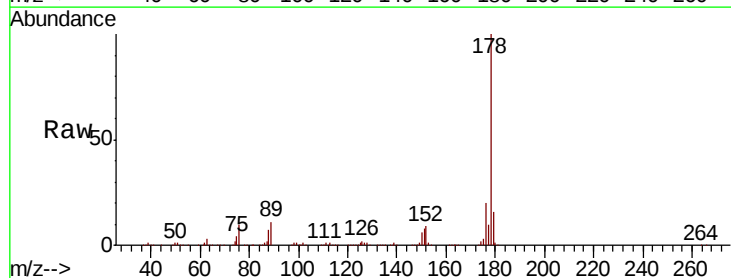
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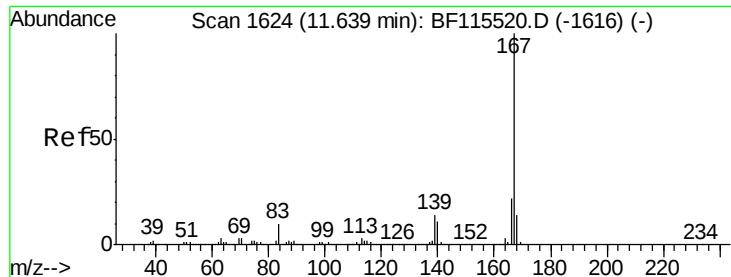
mohammad
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#72
Anthracene
Concen: 40.967 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion:178 Resp: 1241149
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.8 13.1 19.7





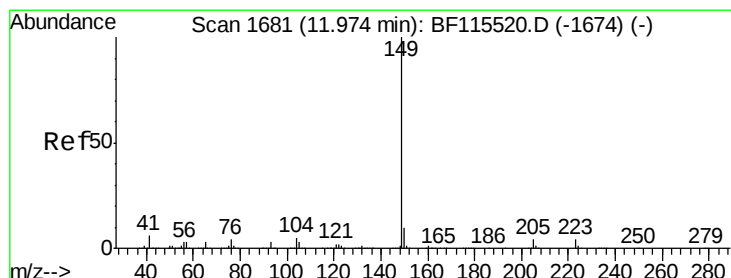
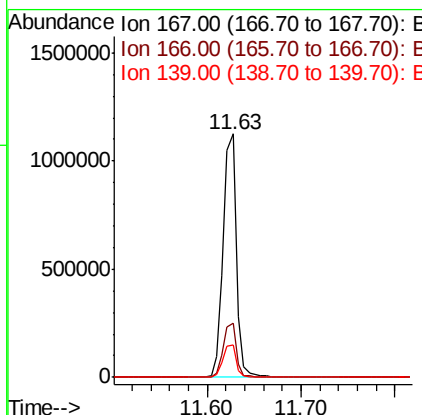
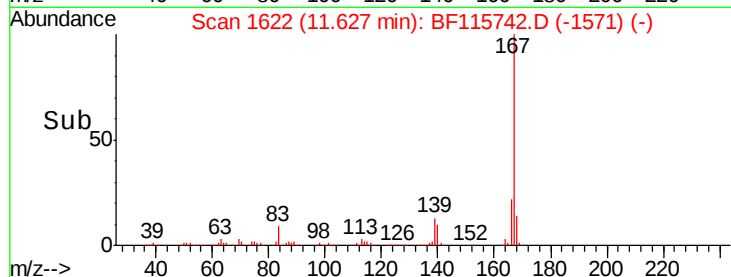
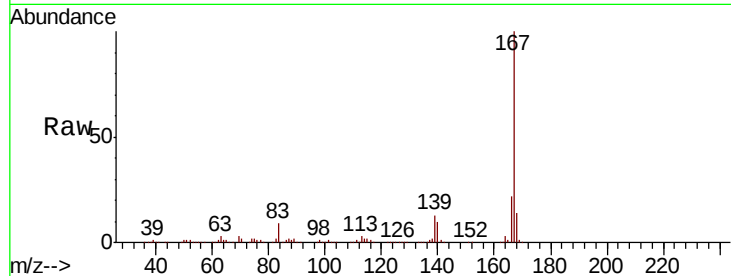
#73
 Carbazole
 Concen: 41.808 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Instrument :
 BNA_F
 ClientSampled :
 PB121641BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.5	27.7
139	13.1	11.1	16.7

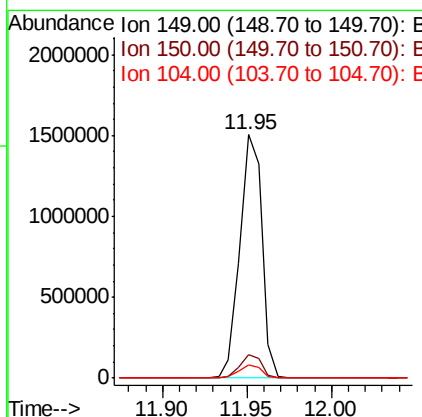
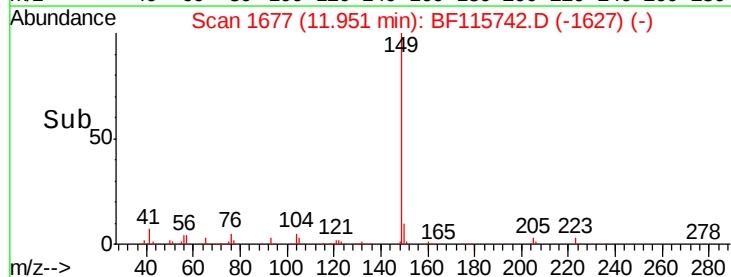
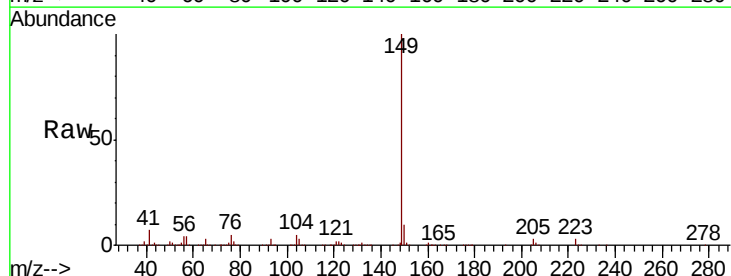
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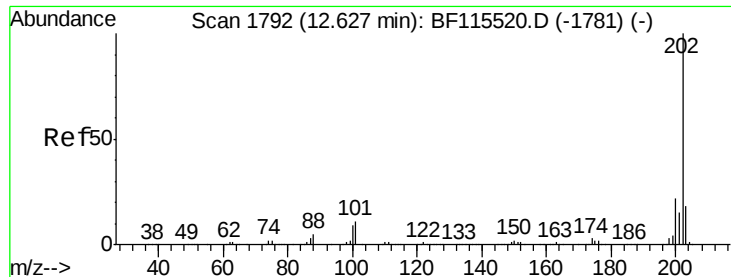
mohammad
 7/25/2019 2:17:22 PM



#74
 Di-n-butylphthalate
 Concen: 41.946 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF115742.D
 Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 41.391 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

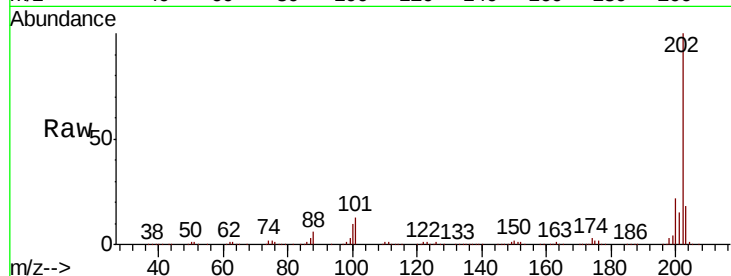
ClientSampleId :

PB121641BSD

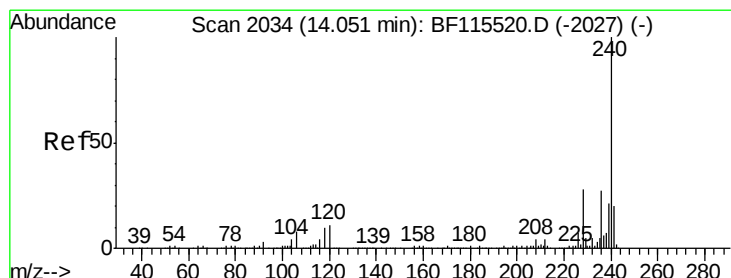
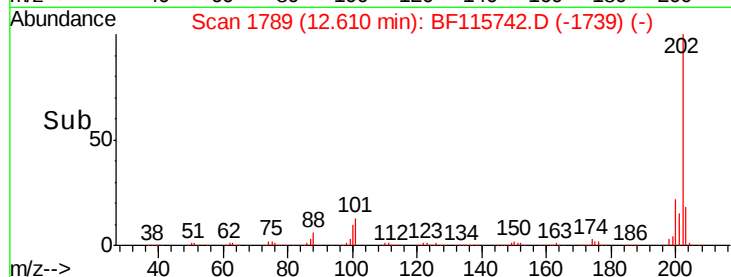
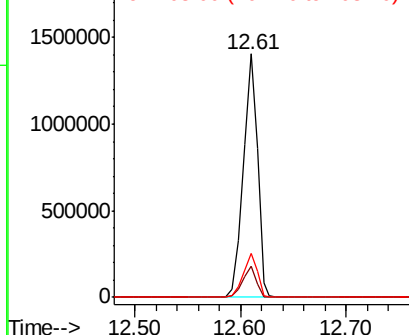
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.1
203	18.3	0.0	37.7

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

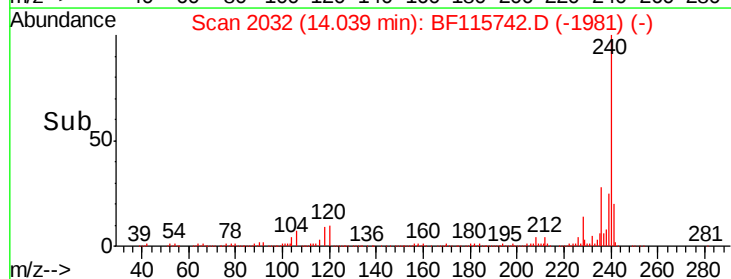
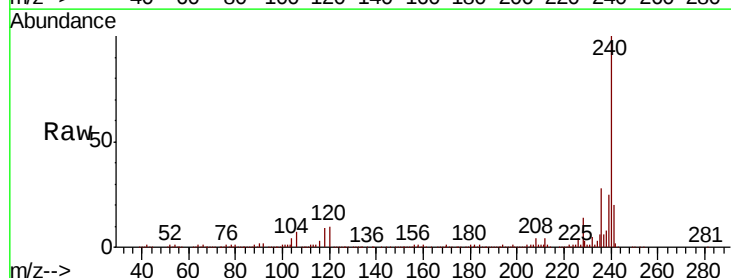
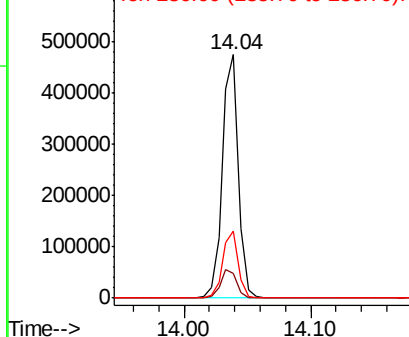
Delta R.T. 0.00 min

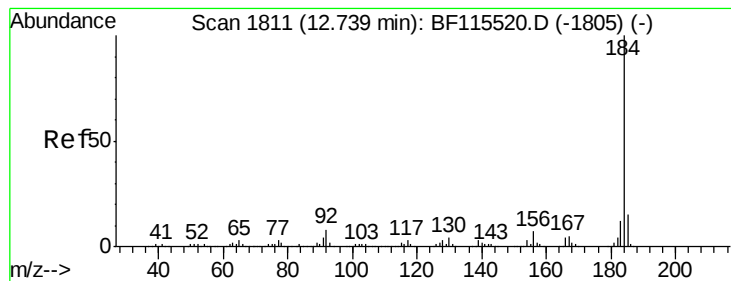
Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.3	15.5#
236	27.8	21.9	32.9

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





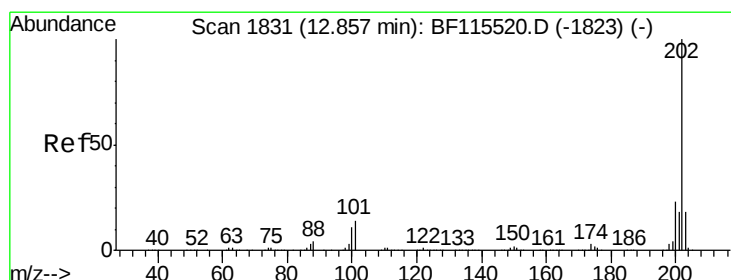
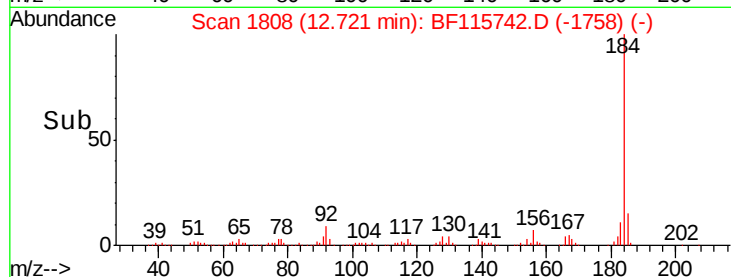
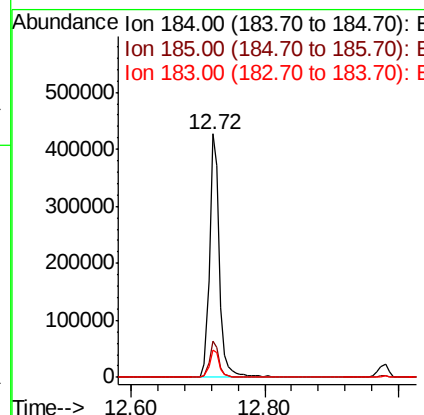
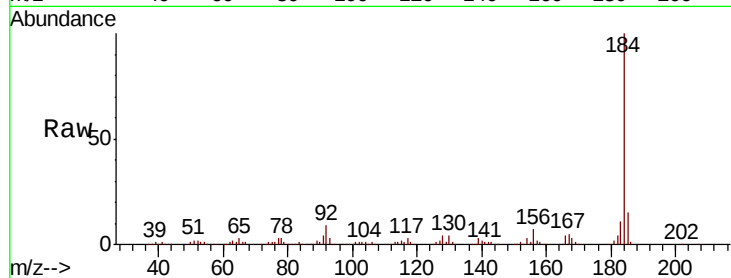
#77
Benzidine
Concen: 29.574 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.7	11.8	17.8	
183	11.4	9.4	14.0	

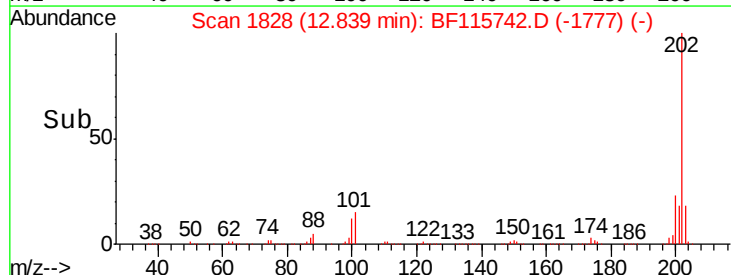
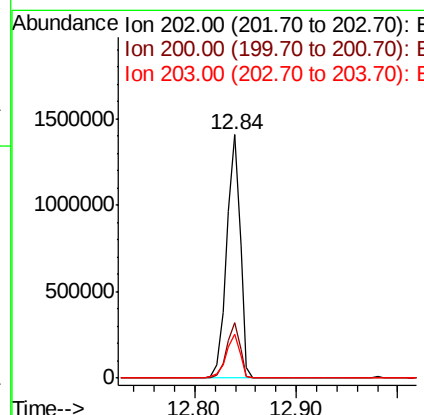
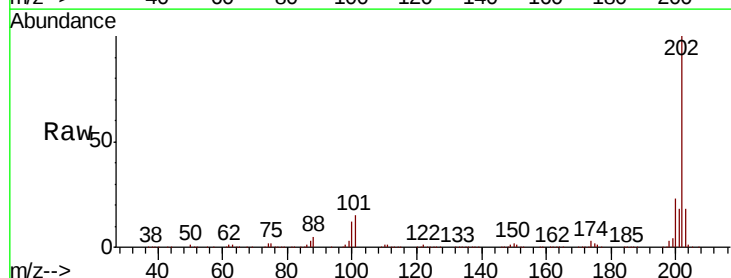
Manual Integrations
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mohammad
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#78
Pyrene
Concen: 36.828 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	22.5	18.1	27.1	
203	18.2	14.7	22.1	





#79

Terphenyl-d14

Concen: 75.483 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

PB121641BSD

Tot Ion:244 Resp: 1706296

Ion Ratio Lower Upper

244 100

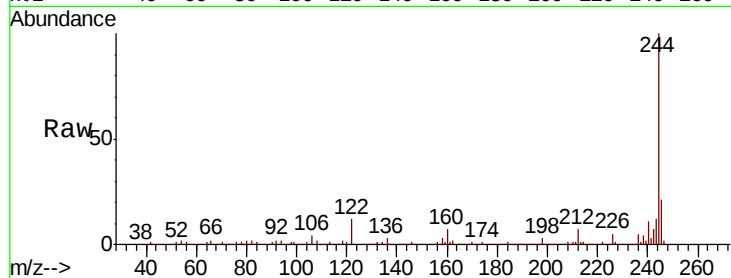
212 7.2 5.7 8.5

122 11.6 9.4 14.0

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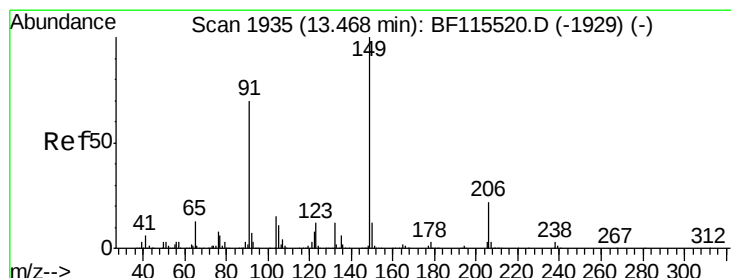
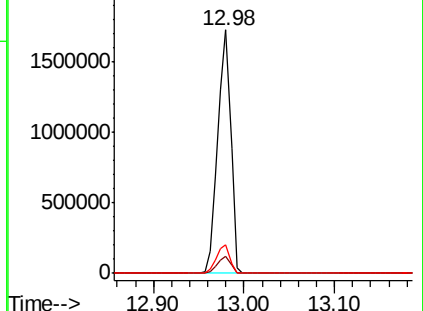
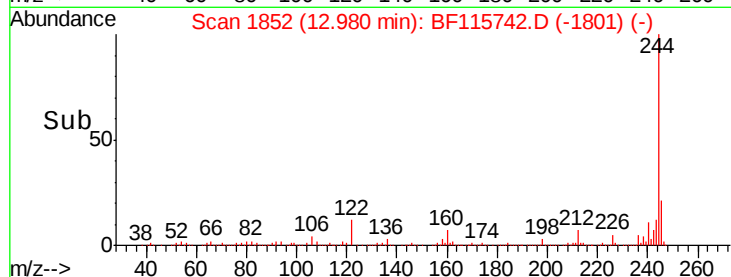
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.071 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

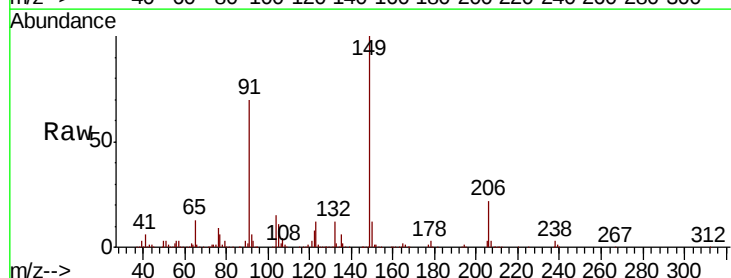
Tgt Ion:149 Resp: 603658

Ion Ratio Lower Upper

149 100

91 70.1 58.2 87.2

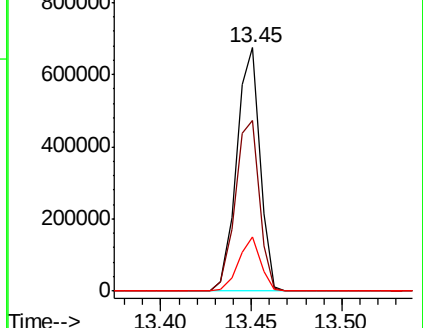
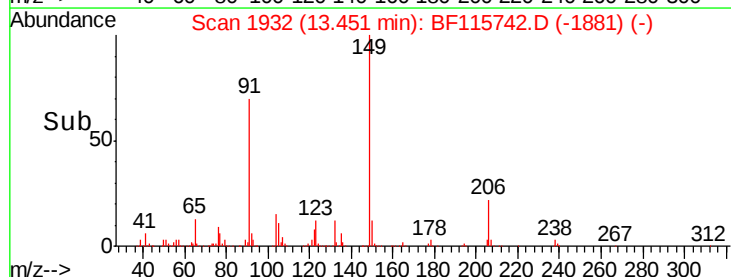
206 22.1 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.263 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

PB121641BSD

Tot Ion:228 Resp: 1106368

Ion Ratio Lower Upper

228 100

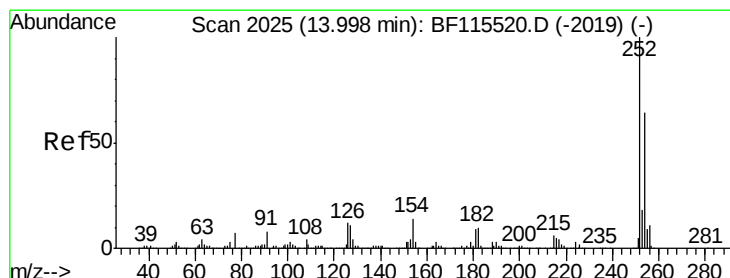
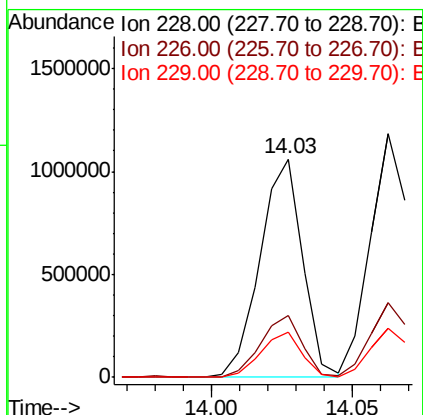
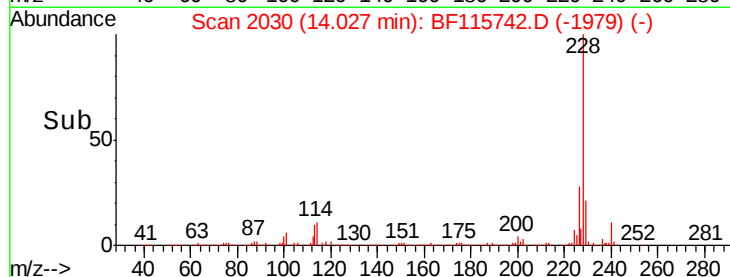
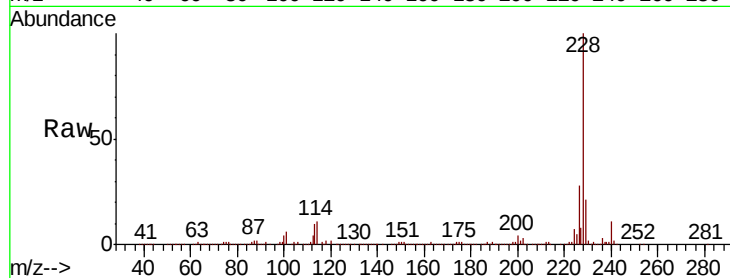
226 28.5 23.0 34.6

229 20.5 16.6 24.8

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#82

3,3'-Dichlorobenzidine

Concen: 34.943 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

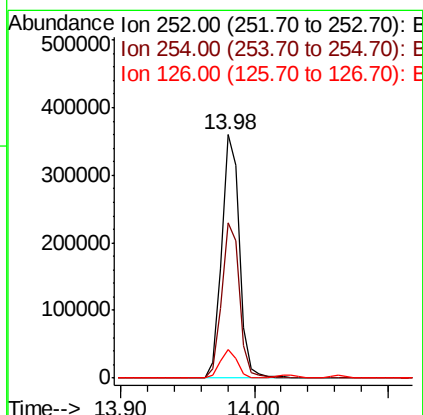
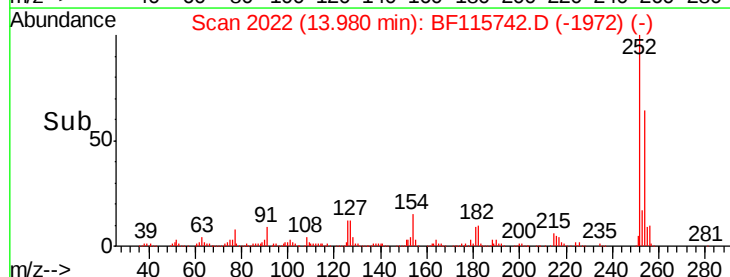
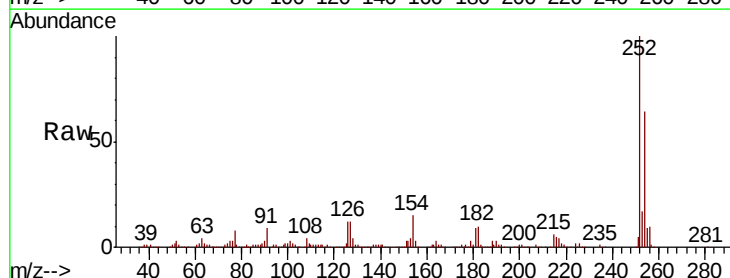
Tgt Ion:252 Resp: 341344

Ion Ratio Lower Upper

252 100

254 63.9 51.4 77.0

126 12.0 9.4 14.0





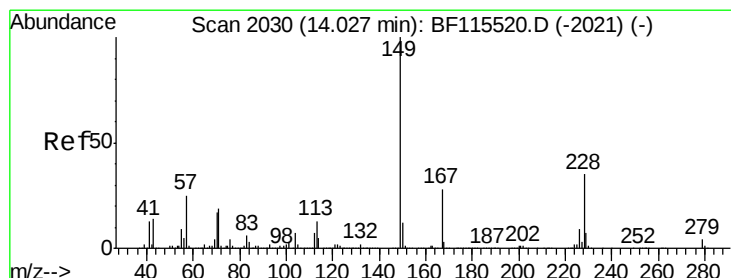
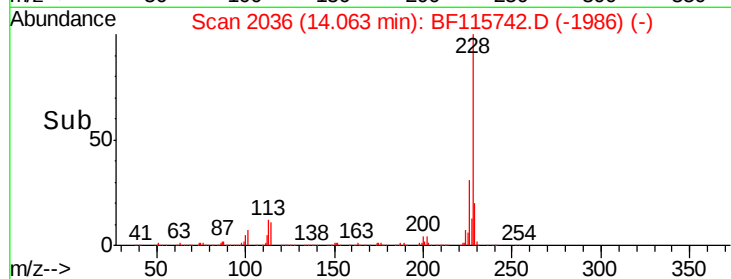
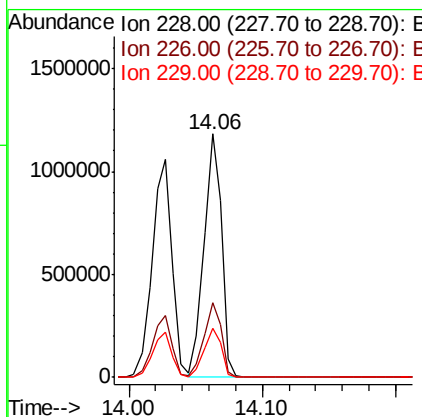
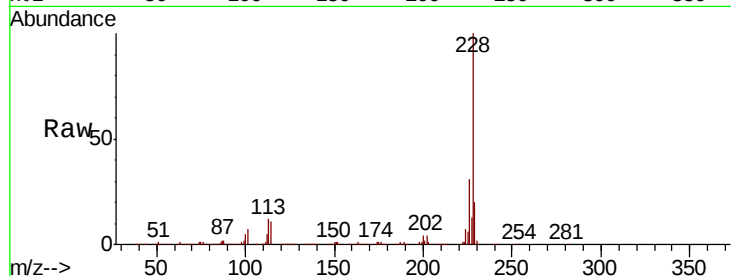
#83
Chrysene
Concen: 39.129 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.4
229	20.4	16.5	24.7

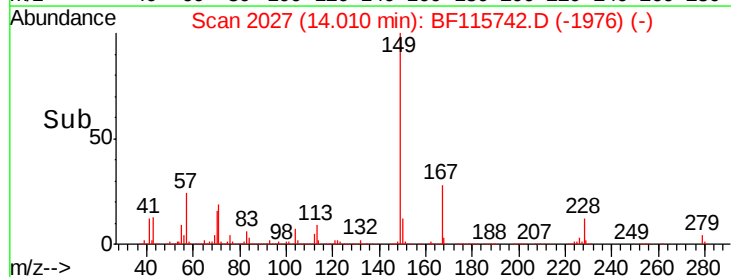
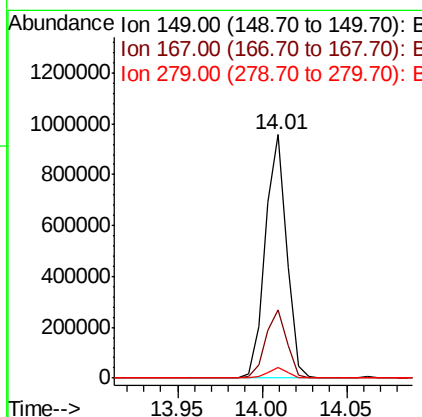
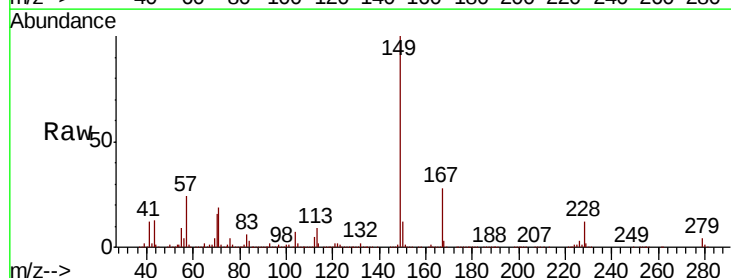
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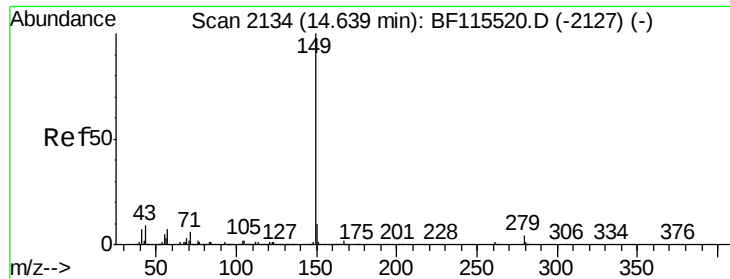
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.746 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.6	33.8
279	4.1	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 46.411 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

Instrument :

BNA_F

ClientSampleId :

PB121641BSD

Tot Ion:149 Resp: 1377939

Ion Ratio Lower Upper

149 100

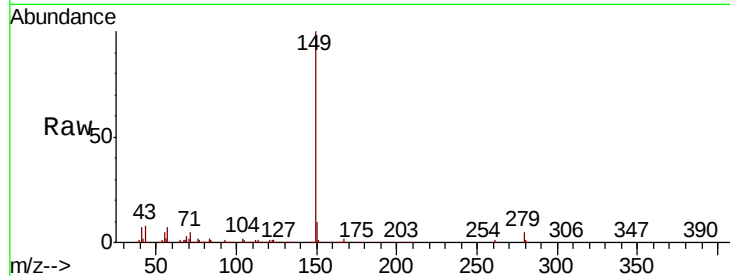
167 1.6 1.4 2.0

43 8.8 7.4 11.0

Manual Integrations
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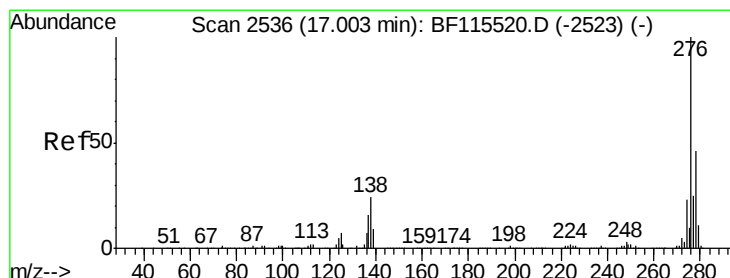
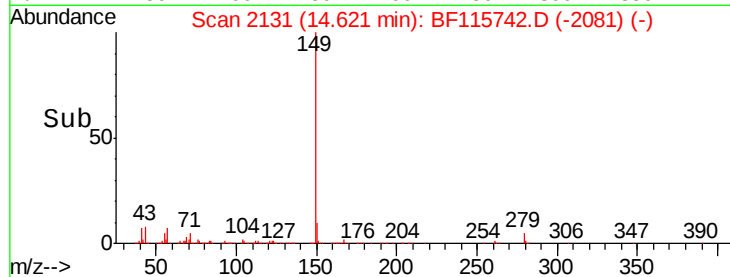
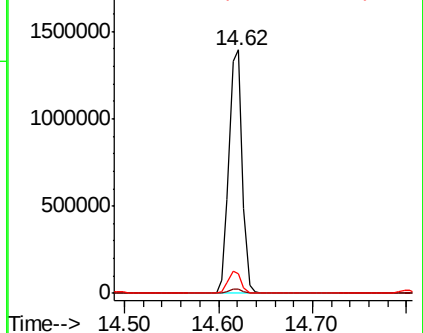
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 38.913 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF115742.D

Acq: 24 Jul 2019 9:51

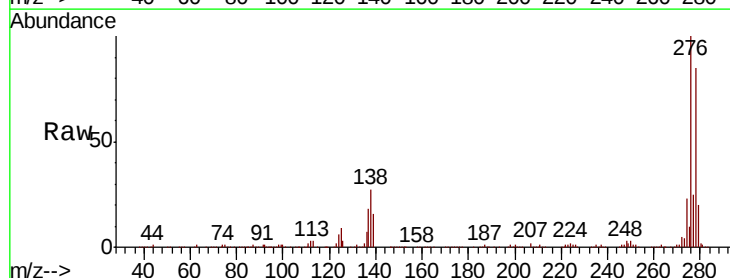
Tgt Ion:276 Resp: 911955

Ion Ratio Lower Upper

276 100

138 25.4 20.6 31.0

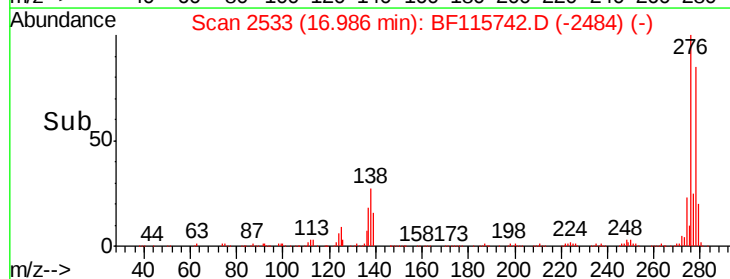
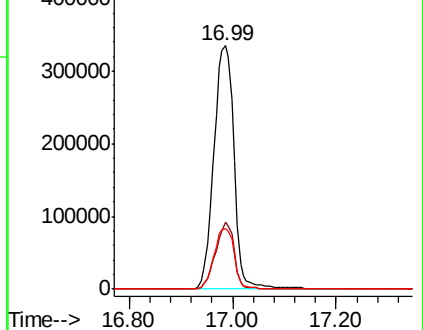
277 25.1 20.5 30.7

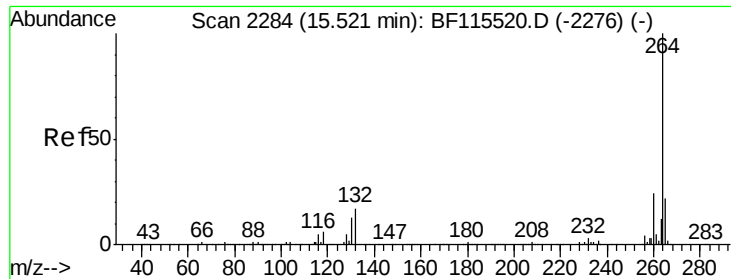


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





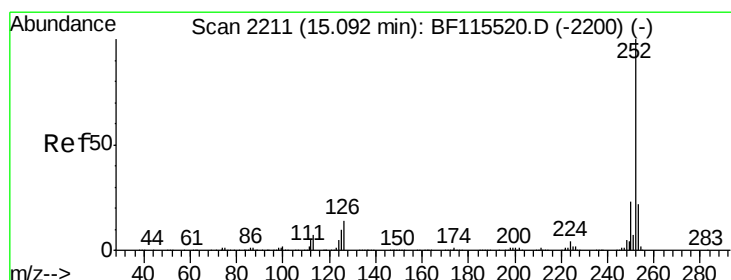
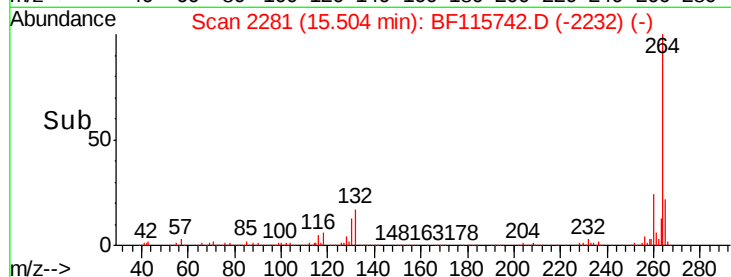
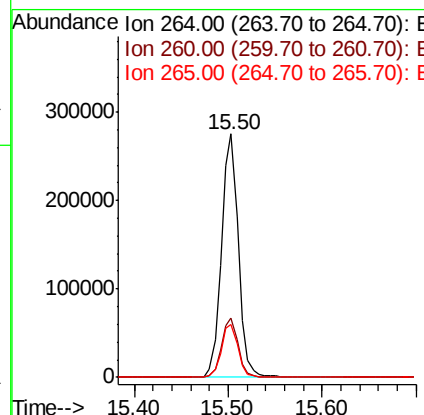
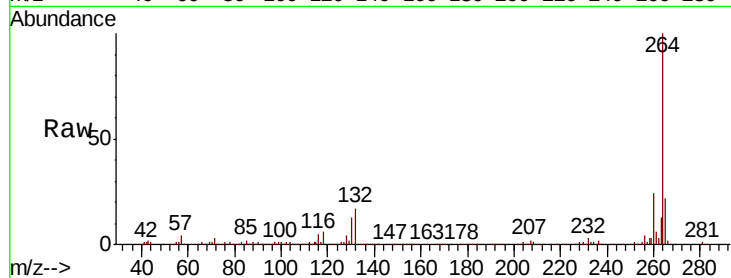
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3

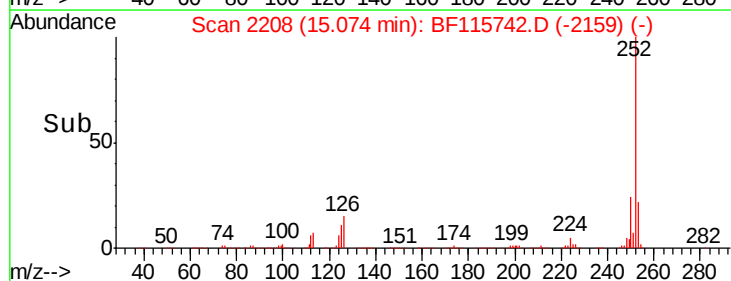
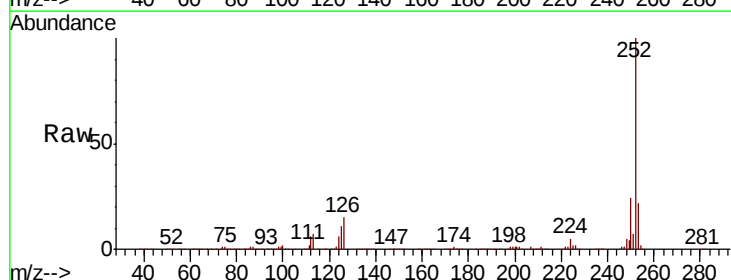
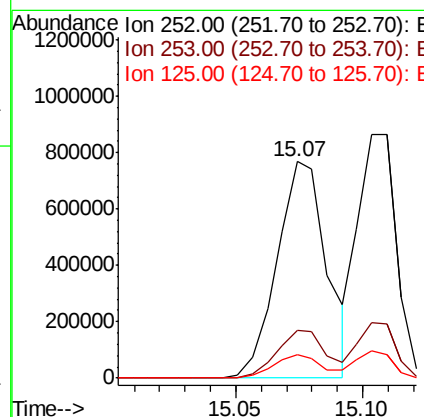
Manual Integrations
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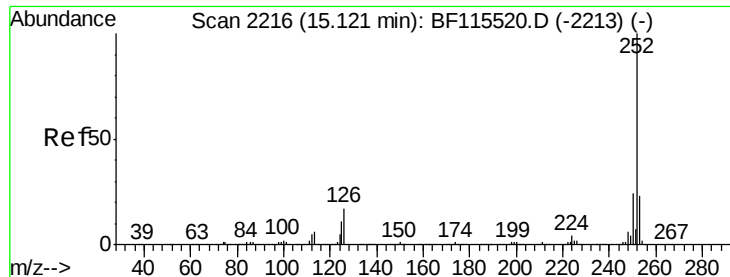
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.435 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.0	8.7	13.1





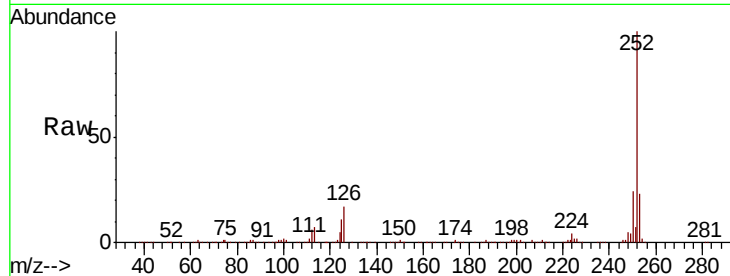
#89
Benzo(k)fluoranthene
Concen: 46.380 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	11.4	8.9	13.3

Manual Integrations
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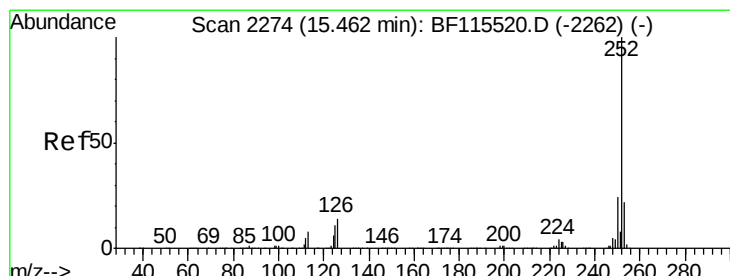
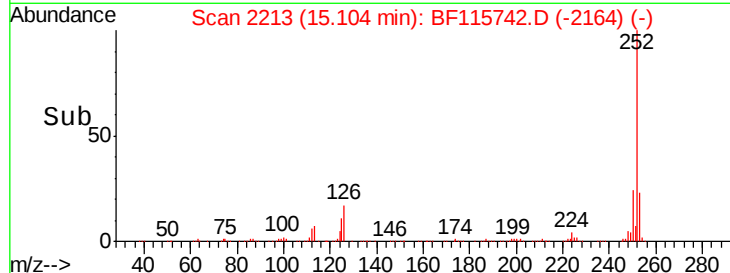
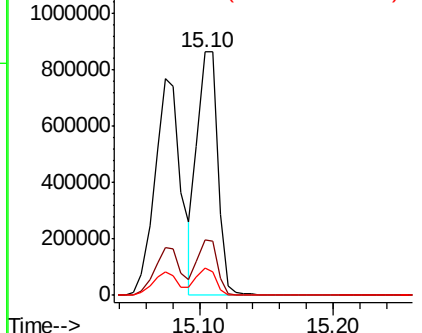


Abundance

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



#90
Benzo(a)pyrene
Concen: 48.146 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

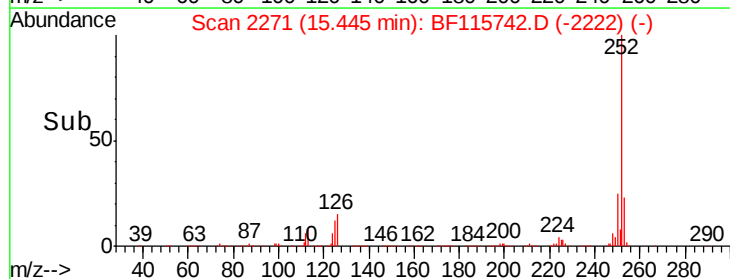
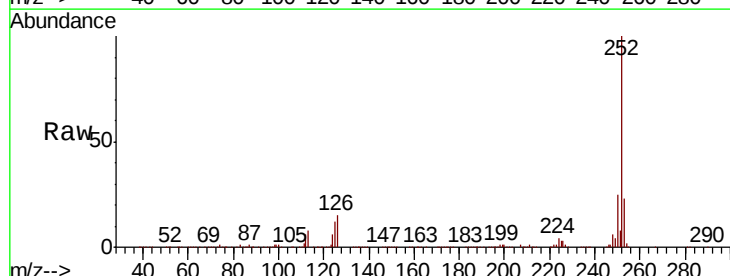
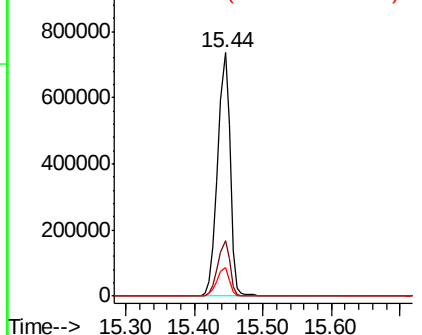
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	11.7	9.4	14.2

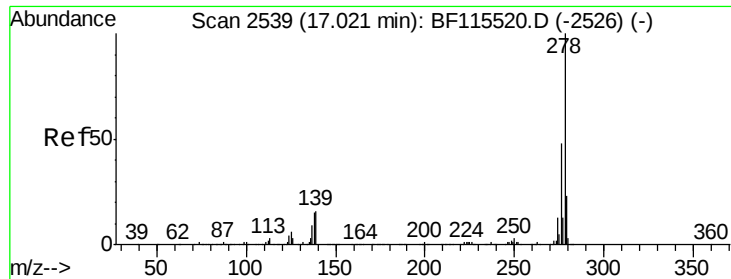
Abundance

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





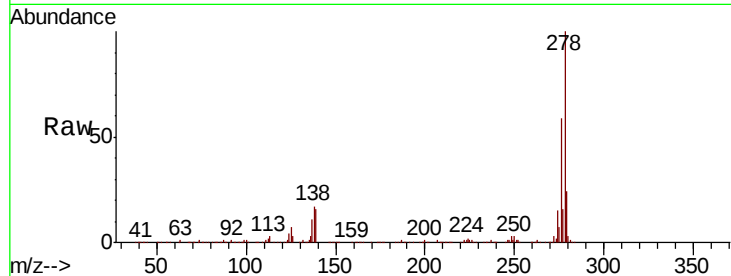
#91
Dibenzo(a,h)anthracene
Concen: 45.703 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Instrument :
BNA_F
ClientSampleId :
PB121641BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.6
279	24.4	18.6	28.0

Manual Integrations
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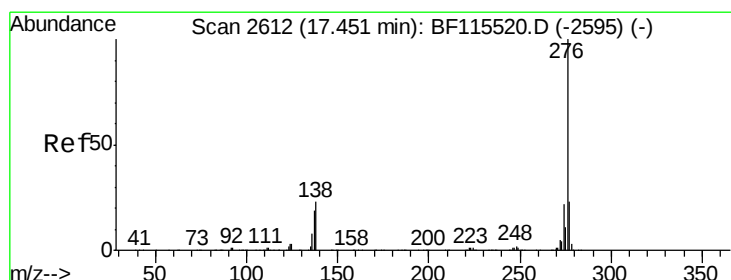
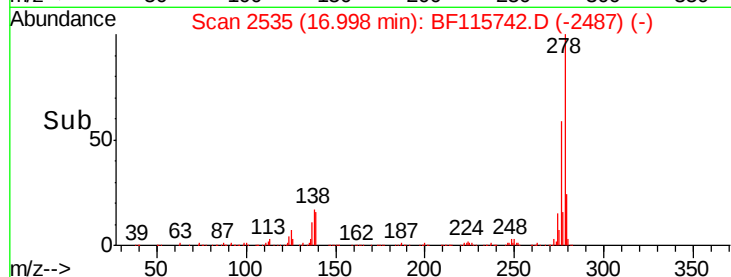
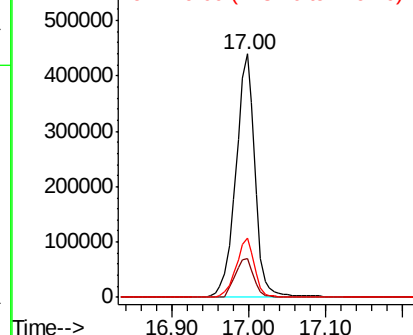


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.952 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.02 min
Lab File: BF115742.D
Acq: 24 Jul 2019 9:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.3	28.9
138	21.3	17.8	26.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

