

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112843.D
 Acq On : 5 Mar 2019 3:08
 Operator : JU/SJ
 Sample : K1710-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETC-21642

Quant Time: Mar 05 04:28:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

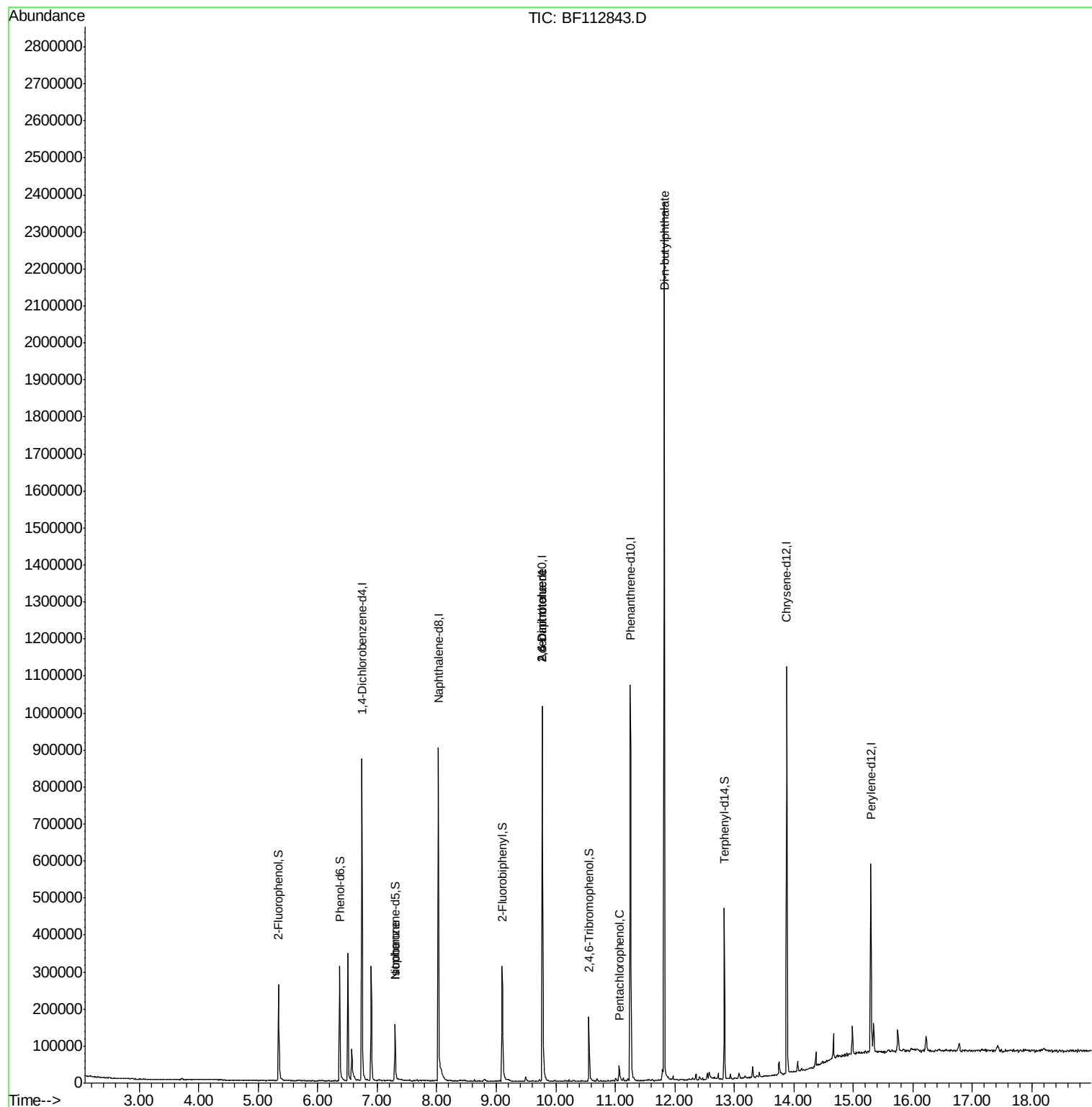
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	128773	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	490262	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	221065	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	453972	20.00	ng	0.00
76) Chrysene-d12	13.88	240	375210	20.00	ng	0.00
87) Perylene-d12	15.29	264	246026	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	86802	10.49	ng	0.00
7) Phenol-d6	6.37	99	115834	11.14	ng	0.00
23) Nitrobenzene-d5	7.30	82	59902	7.31	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	29887	12.73	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	138621	7.09	ng	0.00
79) Terphenyl-d14	12.83	244	163337	8.44	ng	0.00
Target Compounds						
25) Isophorone	7.30	82	59901	3.394	ng	# 66
51) 2,6-Dinitrotoluene	9.77	165	28001	8.249	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	28001	6.636	ng	# 17
70) Pentachlorophenol	11.07	266	9634	3.037	ng	94
74) Di-n-butylphthalate	11.82	149	1132776	40.960	ng	100

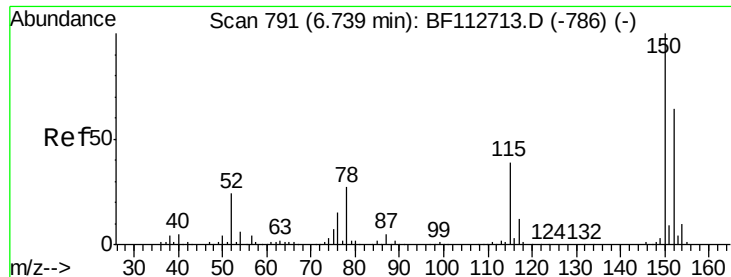
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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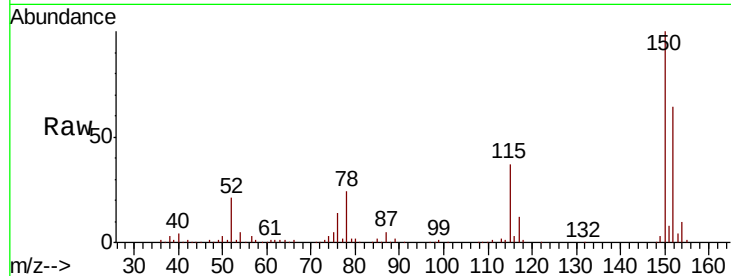




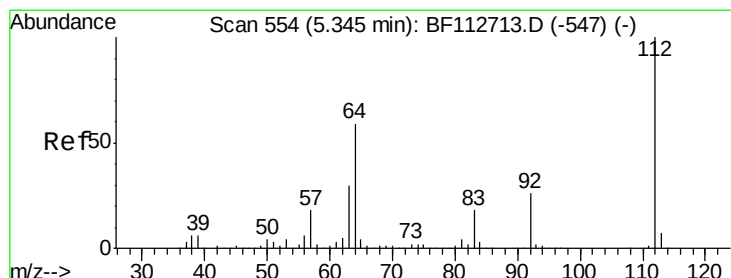
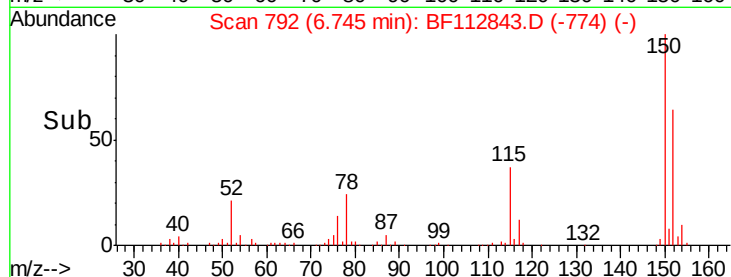
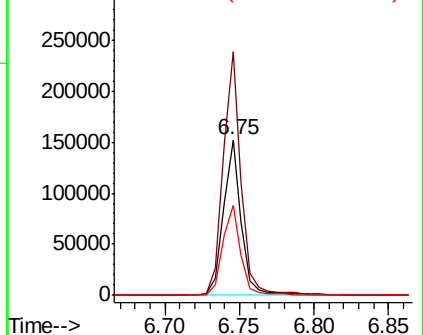
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

Instrument :
 BNA_F
 ClientSampleId :
 ETC-21642

Tgt Ion:152 Resp: 128773
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.2 186.2
 115 57.7 48.2 72.4

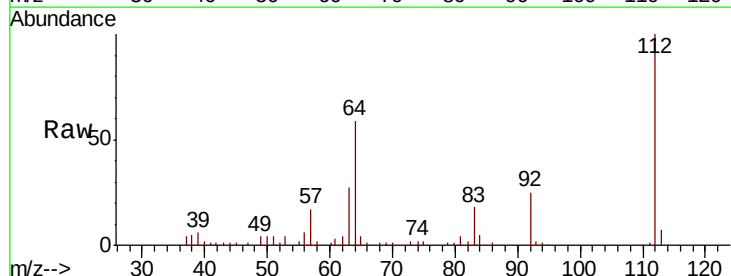


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

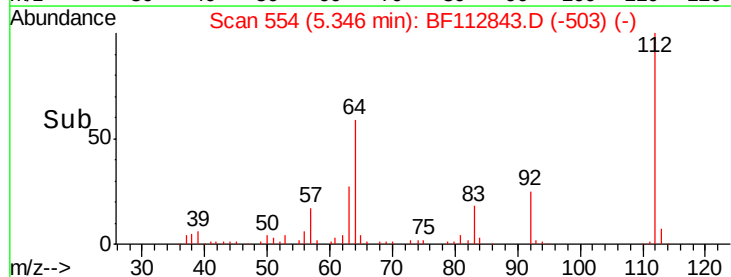
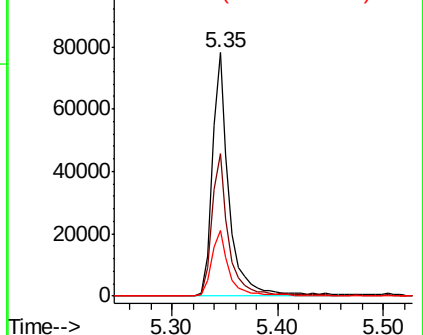


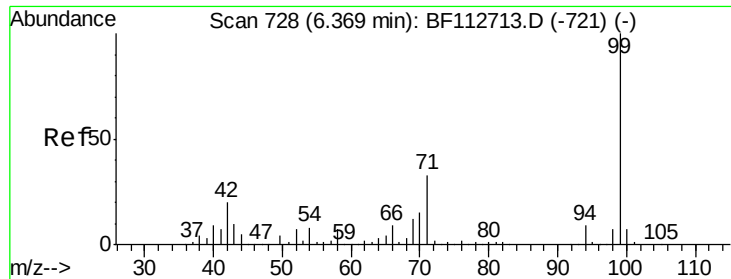
#5
 2-Fluorophenol
 Concen: 10.485 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

Tgt Ion:112 Resp: 86802
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.6 71.4
 63 27.2 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 11.139 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112843.D

Acq: 5 Mar 2019 3:08

Instrument :

BNA_F

ClientSampleId :

ETC-21642

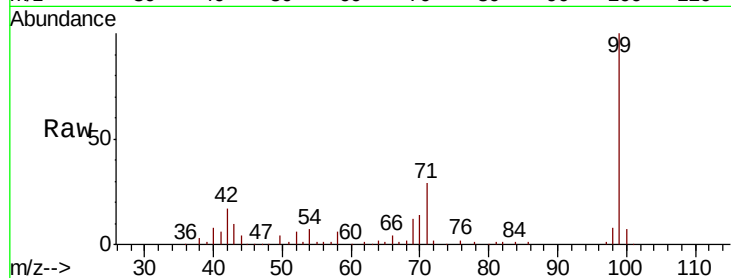
Tgt Ion: 99 Resp: 115834

Ion Ratio Lower Upper

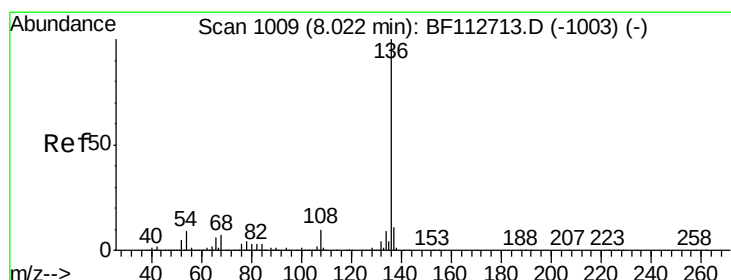
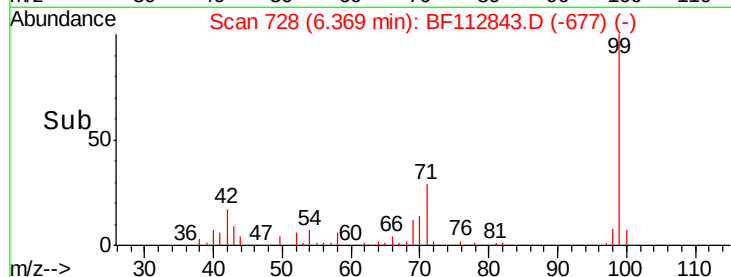
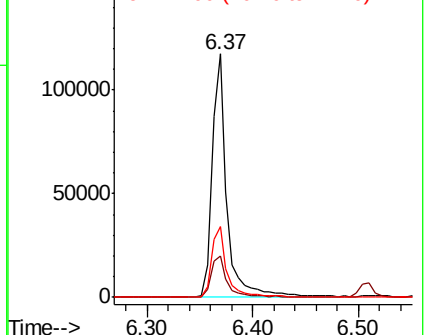
99 100

42 16.8 16.3 24.5

71 29.2 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF112843.D

Acq: 5 Mar 2019 3:08

Tgt Ion: 136 Resp: 490262

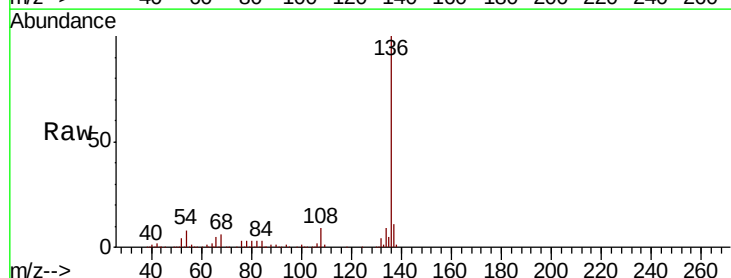
Ion Ratio Lower Upper

136 100

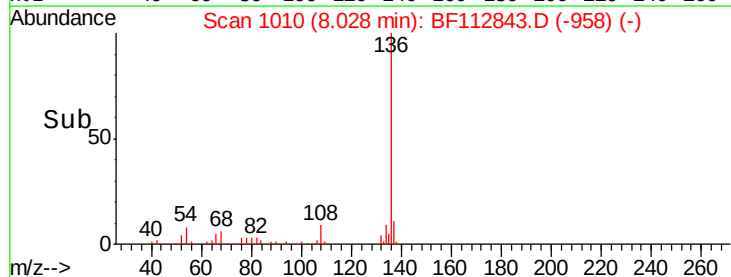
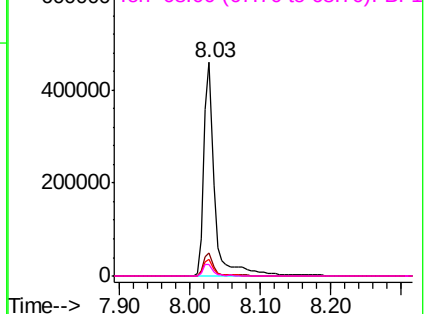
137 10.7 8.9 13.3

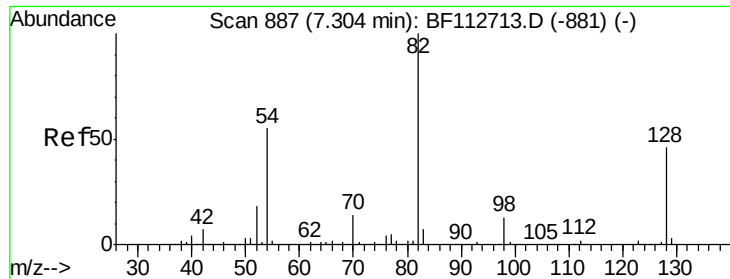
54 7.5 7.3 10.9

68 5.6 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

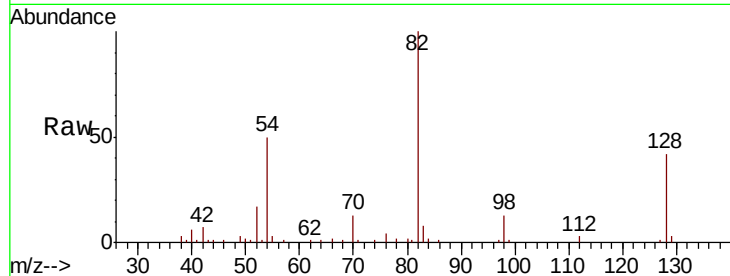




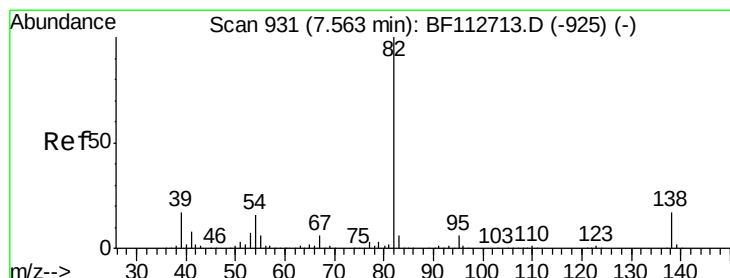
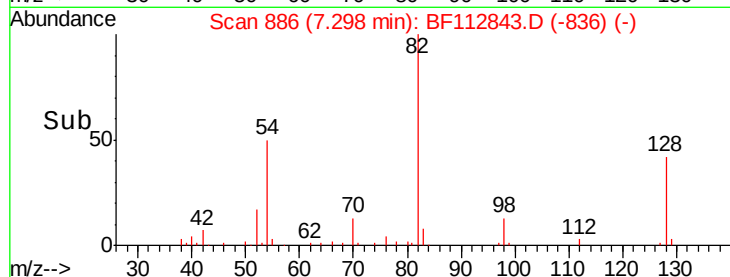
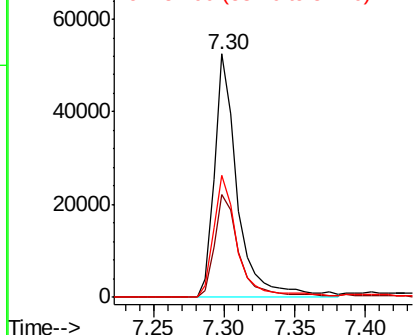
#23
 Nitrobenzene-d5
 Concen: 7.311 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

Instrument :
 BNA_F
 ClientSampleId :
 ETC-21642

Tgt Ion: 82 Resp: 59902
 Ion Ratio Lower Upper
 82 100
 128 42.0 36.3 54.5
 54 49.9 43.7 65.5

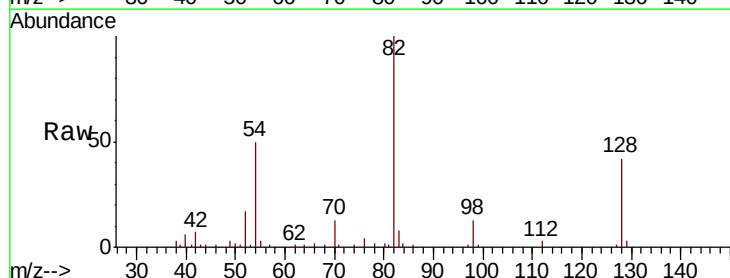


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

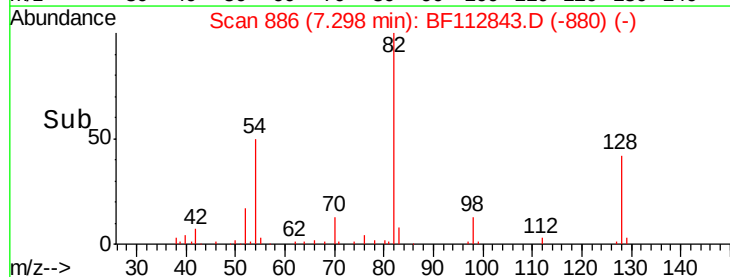
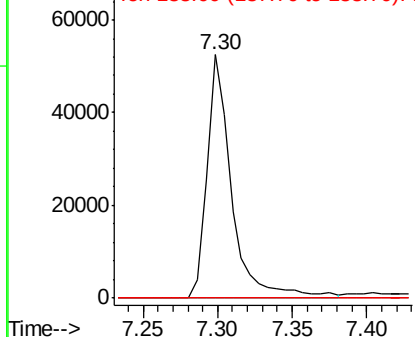


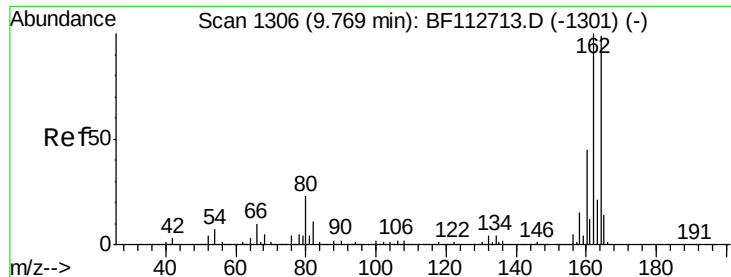
#25
 Isophorone
 Concen: 3.394 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.26 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

Tgt Ion: 82 Resp: 59901
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

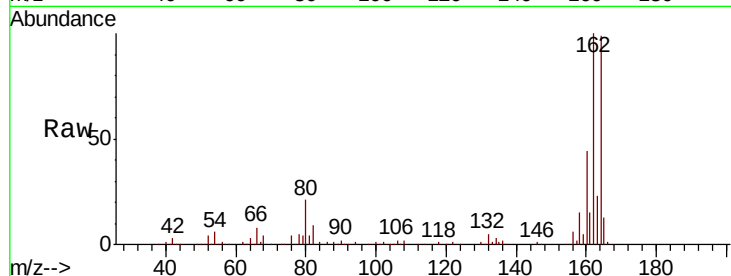




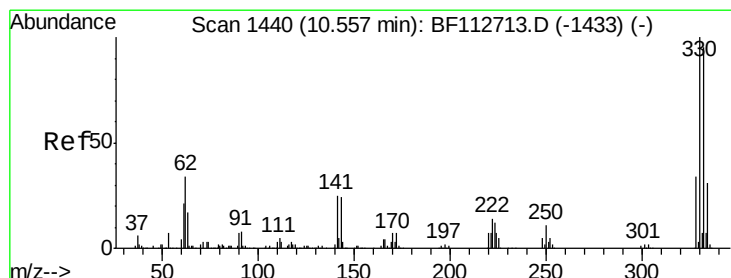
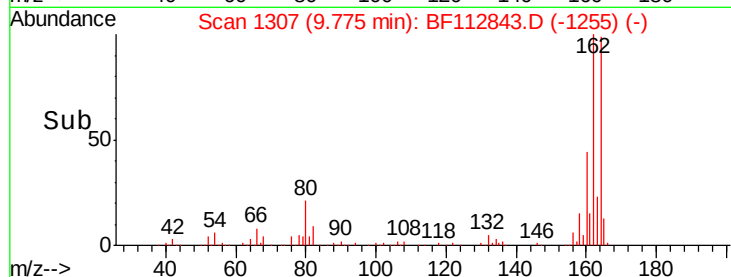
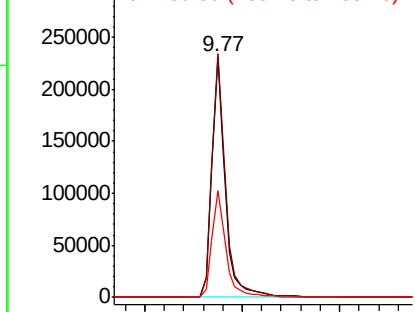
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

Instrument :
 BNA_F
 ClientSampleId :
 ETC-21642

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	44.2	36.0	54.0

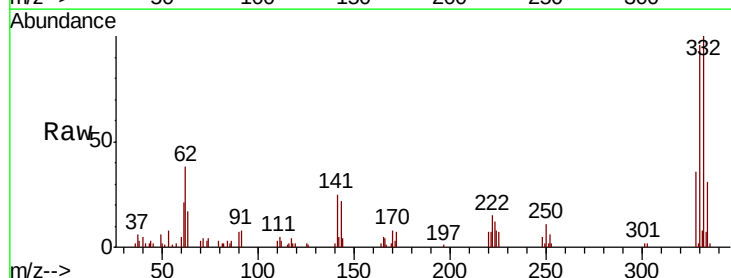


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

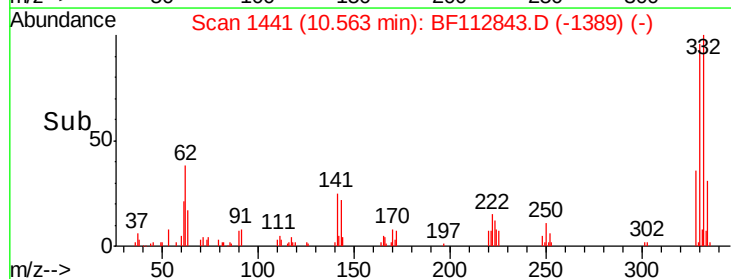
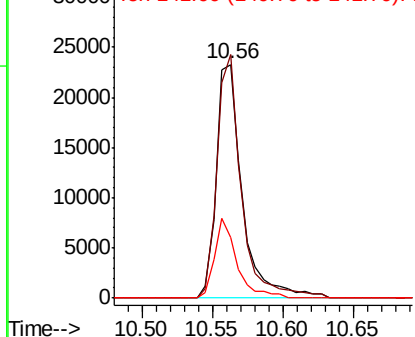


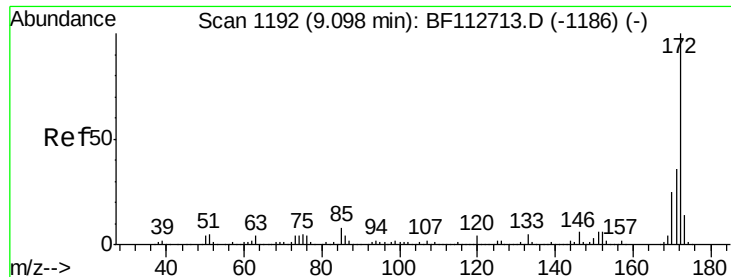
#42
 2,4,6-Tribromophenol
 Concen: 12.735 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	29.5	27.0	40.6



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

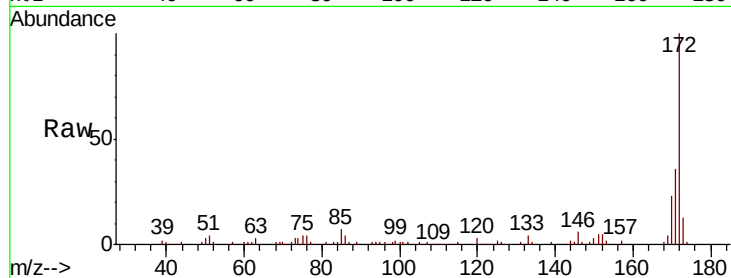




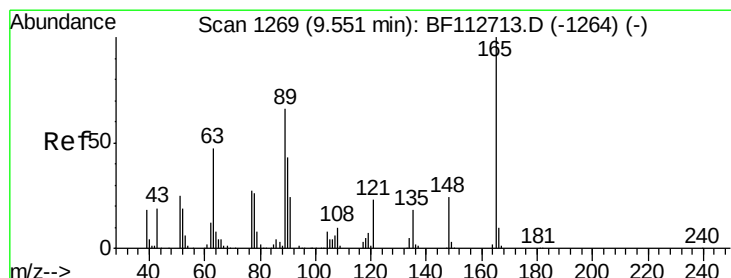
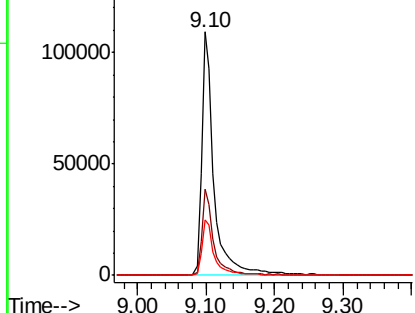
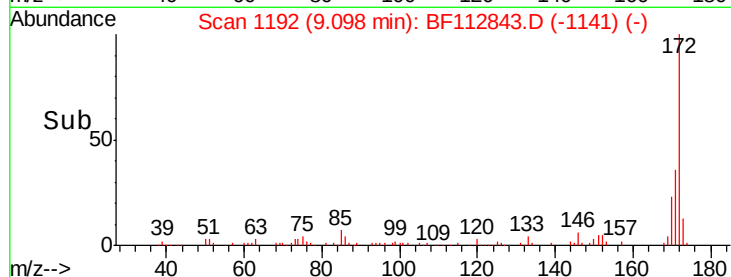
#45
2-Fluorobiphenyl
Concen: 7.093 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF112843.D
Acq: 5 Mar 2019 3:08

Instrument :
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ClientSampleId :
ETC-21642

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	22.8	20.0	30.0

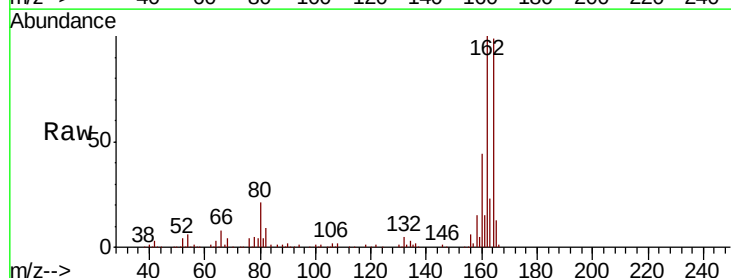


Abundance Ion 172.00 (171.70 to 172.70): E
150000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

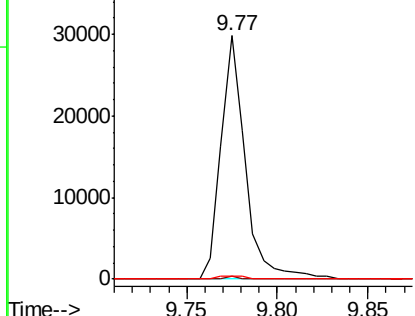
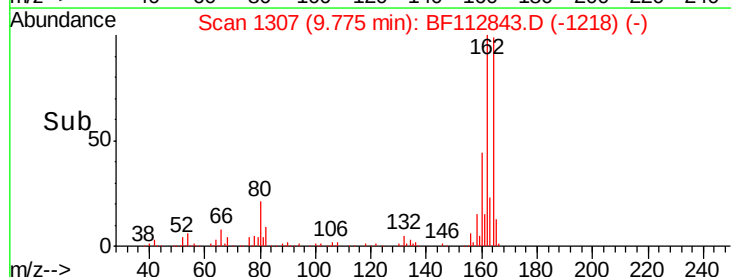


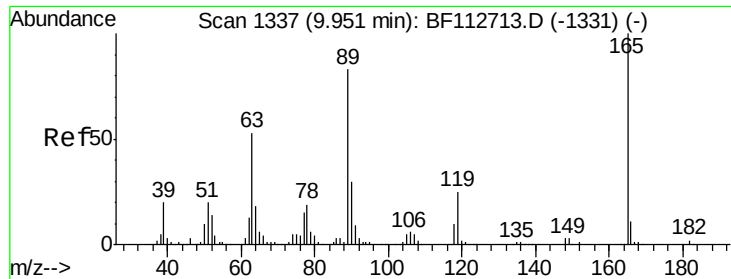
#51
2,6-Dinitrotoluene
Concen: 8.249 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.22 min
Lab File: BF112843.D
Acq: 5 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	54.1	81.1#
89	1.1	52.8	79.2#



Abundance Ion 165.00 (164.70 to 165.70): E
40000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

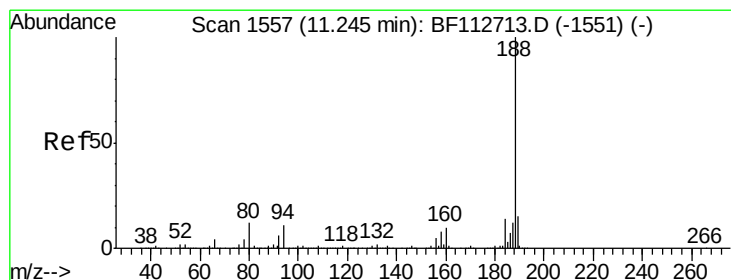
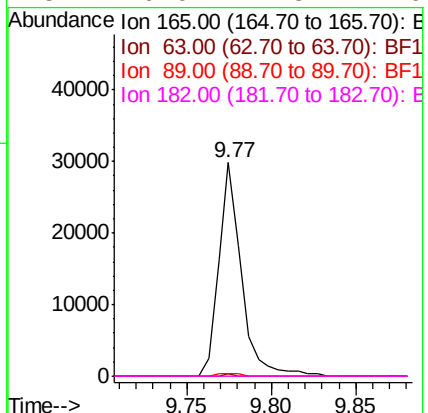
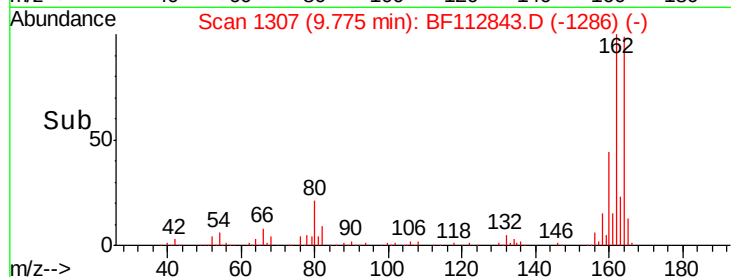
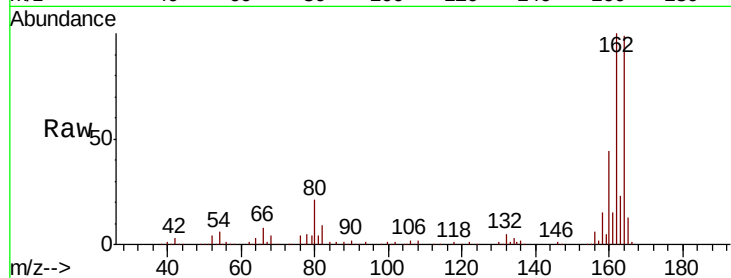




#57
2,4-Dinitrotoluene
Concen: 6.636 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.18 min
Lab File: BF112843.D
Acq: 5 Mar 2019 3:08

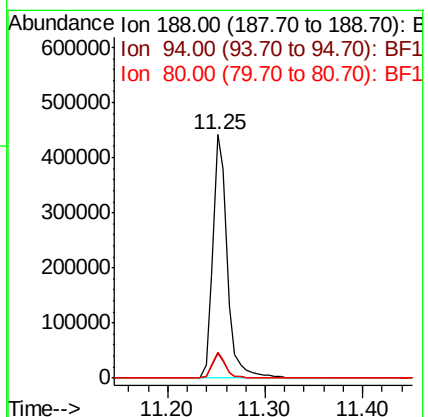
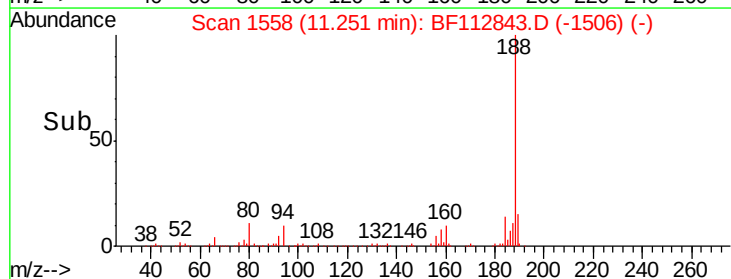
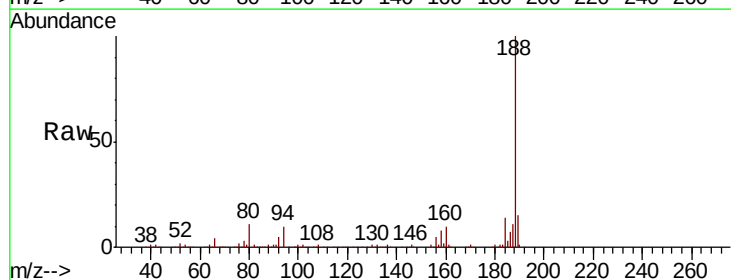
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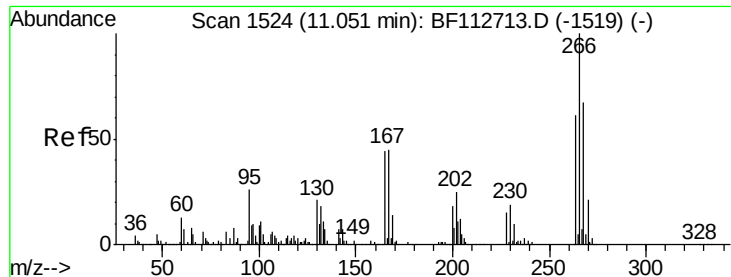
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.2	63.2#
89	1.1	66.2	99.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112843.D
Acq: 5 Mar 2019 3:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.8	9.2	13.8

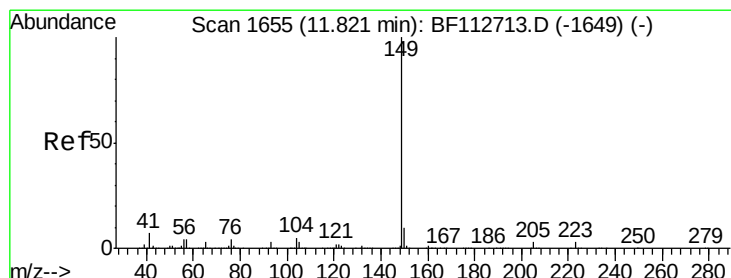
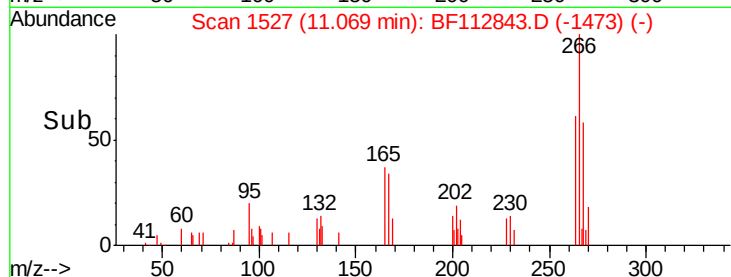
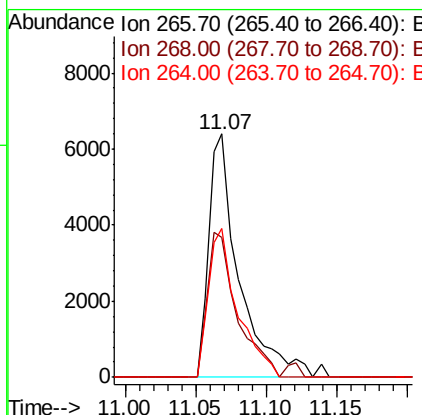
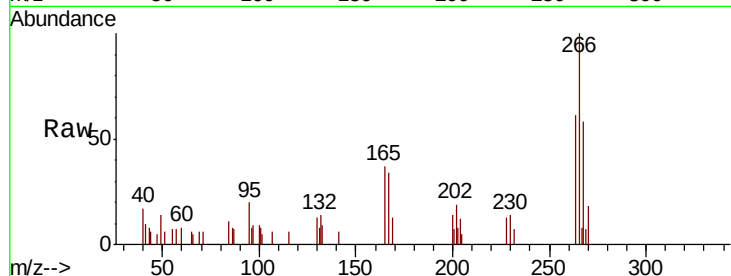




#70
 Pentachlorophenol
 Concen: 3.037 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

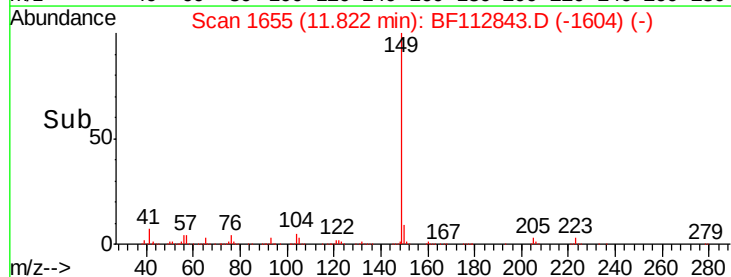
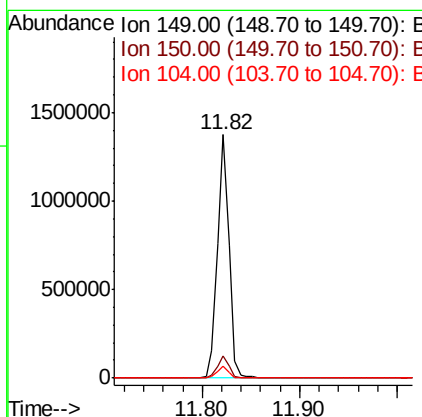
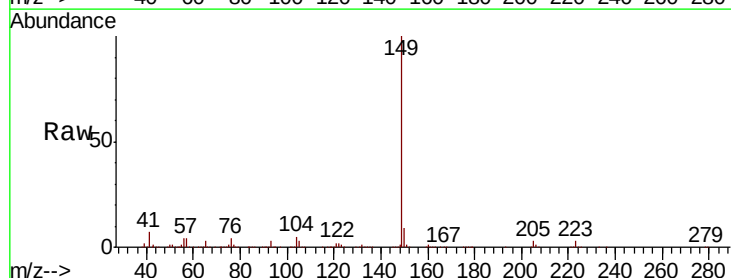
Instrument :
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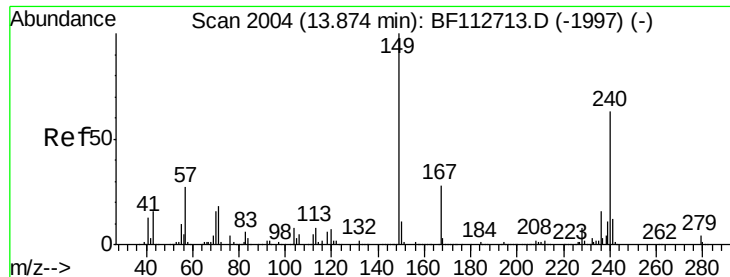
Tgt Ion: 266 Resp: 9634
 Ion Ratio Lower Upper
 266 100
 268 57.7 53.3 79.9
 264 61.1 48.9 73.3



#74
 Di-n-butylphthalate
 Concen: 40.960 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BF112843.D
 Acq: 5 Mar 2019 3:08

Tgt Ion: 149 Resp: 1132776
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 4.7 3.7 5.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF112843.D

Acq: 5 Mar 2019 3:08

Instrument :

BNA_F

ClientSampleId :

ETC-21642

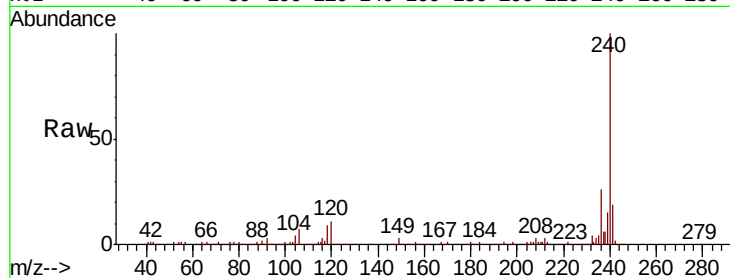
Tgt Ion:240 Resp: 375210

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

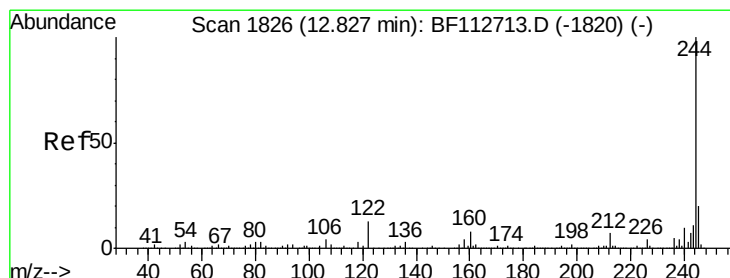
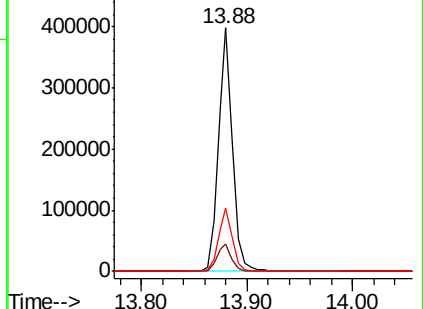
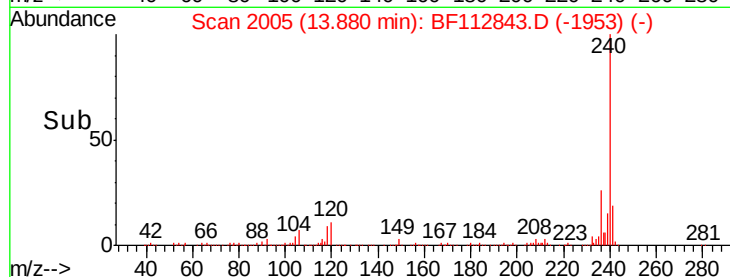
236 26.0 20.7 31.1



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



#79

Terphenyl-d14

Concen: 8.439 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112843.D

Acq: 5 Mar 2019 3:08

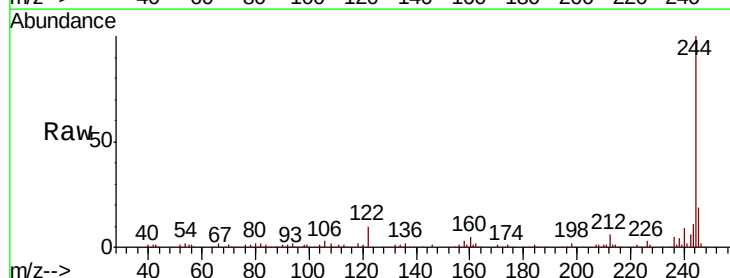
Tgt Ion:244 Resp: 163337

Ion Ratio Lower Upper

244 100

212 5.7 5.6 8.4

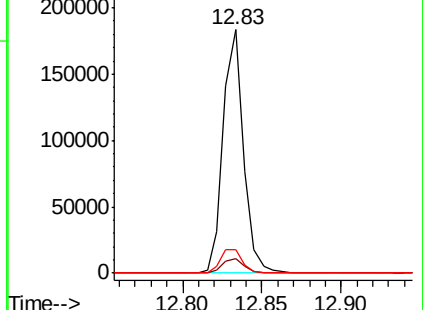
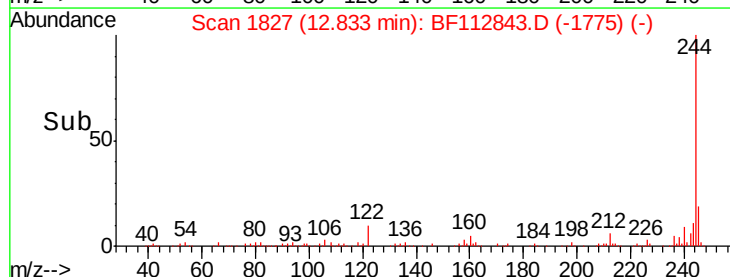
122 9.6 10.5 15.7#

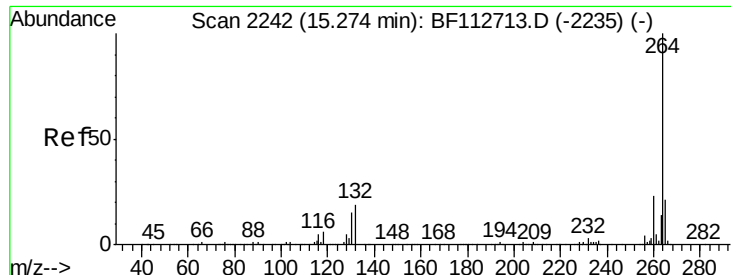


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.02 min
Lab File: BF112843.D
Acq: 5 Mar 2019 3:08

Instrument :
BNA_F
ClientSampleId :
ETC-21642

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.8	17.2	25.8

