

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032019\
 Data File : BF113182.D
 Acq On : 20 Mar 2019 20:28
 Operator : JU/SJ
 Sample : K1984-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 12:23:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

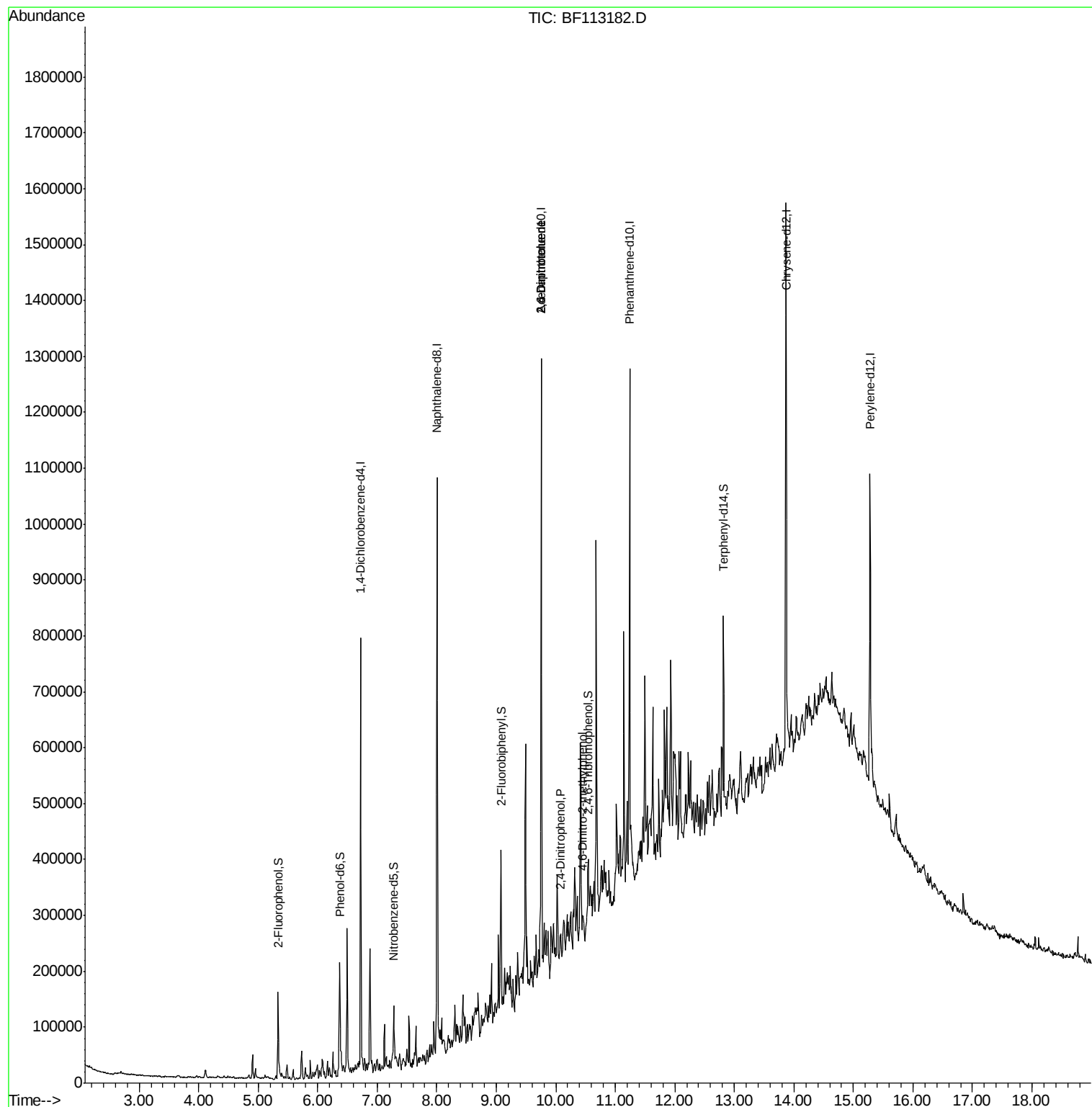
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114340	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	451119	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	207883	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	378874	20.00	ng	0.00
76) Chrysene-d12	13.87	240	359316	20.00	ng	0.00
87) Perylene-d12	15.28	264	281690	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	55688	7.58	ng	0.00
7) Phenol-d6	6.37	99	82223	8.90	ng	0.00
23) Nitrobenzene-d5	7.28	82	41653	5.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	19403	8.79	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	106166	5.47	ng	0.00
79) Terphenyl-d14	12.82	244	100668	5.43	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	27227	8.530	ng	# 26
54) 2,4-Dinitrophenol	10.08	184	106	6.528	ng	# 1
57) 2,4-Dinitrotoluene	9.76	165	27227	6.862	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.46	198	116	4.680	ng	# 1

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

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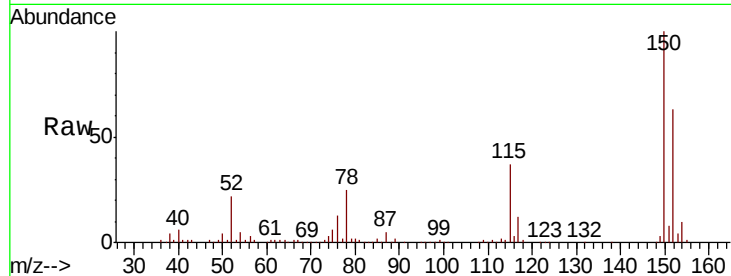


#1

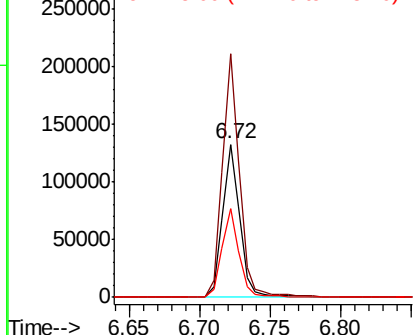
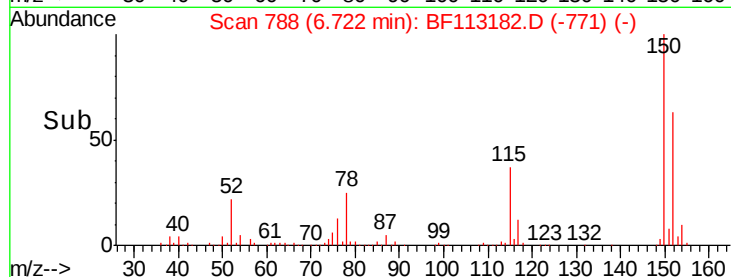
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114340
Ion Ratio Lower Upper
152 100
150 159.2 123.0 184.6
115 58.2 45.9 68.9



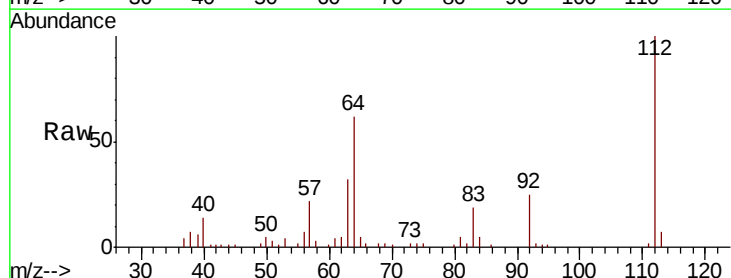
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



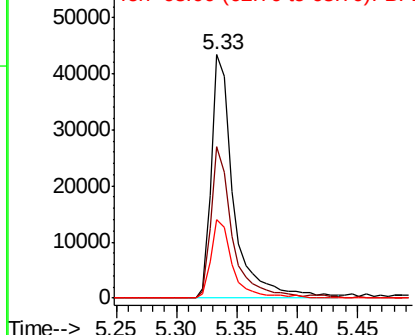
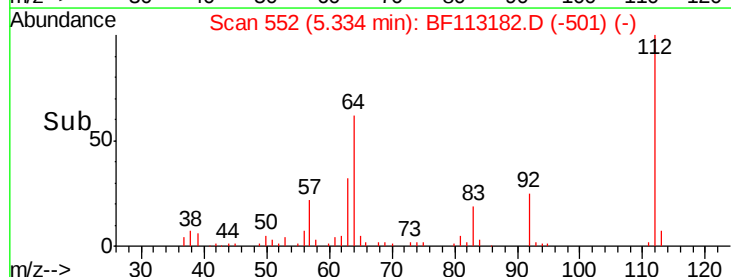
#5

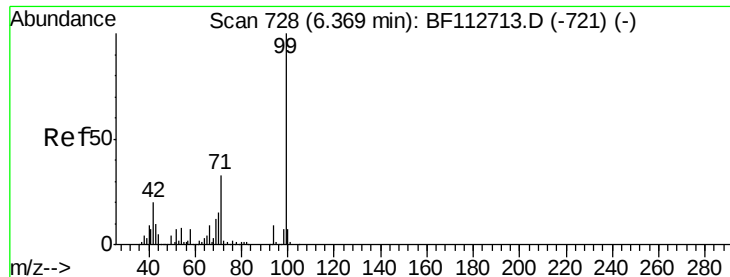
2-Fluorophenol
Concen: 7.576 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

Tgt Ion:112 Resp: 55688
Ion Ratio Lower Upper
112 100
64 62.1 49.3 73.9
63 32.0 25.4 38.2



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: 8.905 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113182.D

Acq: 20 Mar 2019 20:28

Instrument :

BNA_F

ClientSampleId :

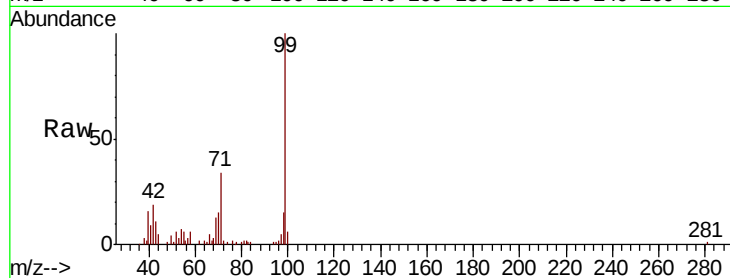
Tot Ion: 99 Resp: 82223

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

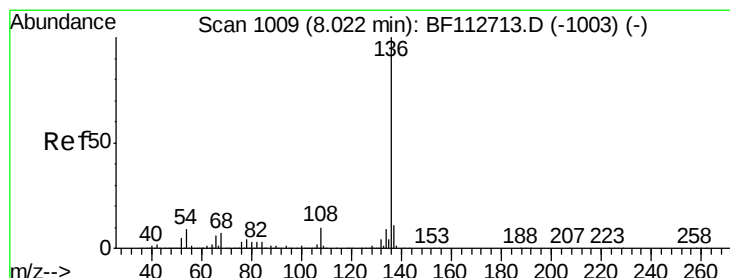
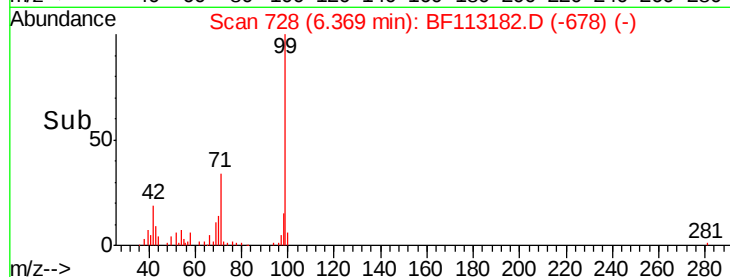
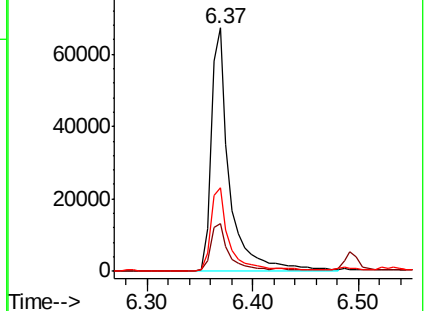
71 34.1 25.7 38.5



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: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113182.D

Acq: 20 Mar 2019 20:28

Tgt Ion: 136 Resp: 451119

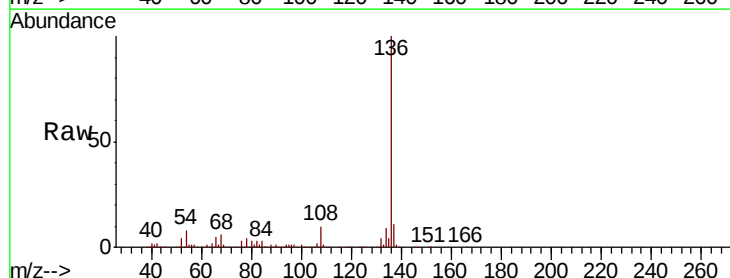
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.3 7.0 10.6

68 5.8 5.0 7.4

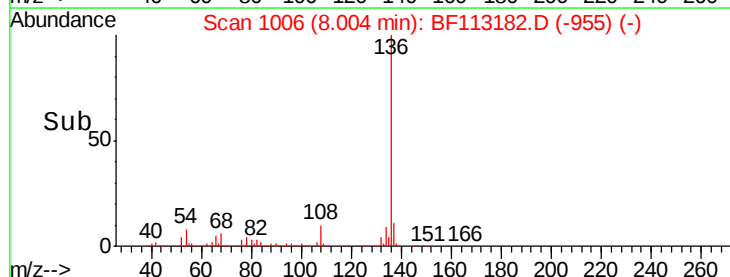
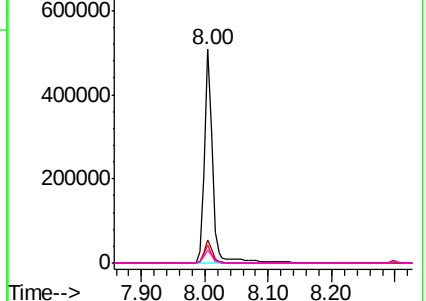


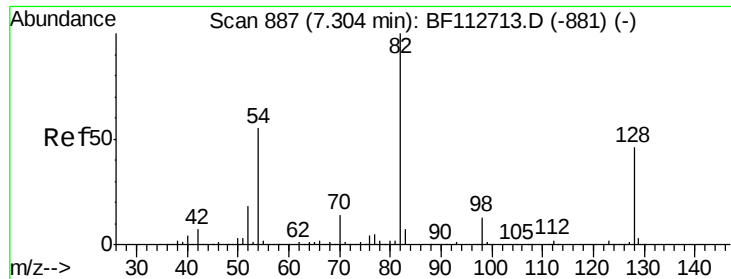
Abundance Ion 136.00 (135.70 to 136.70): E

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

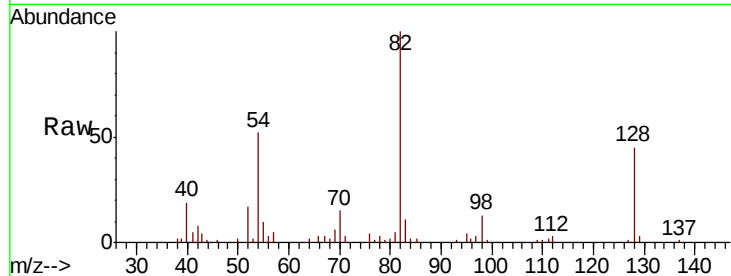




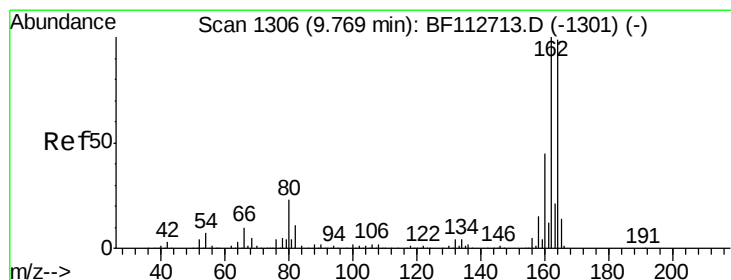
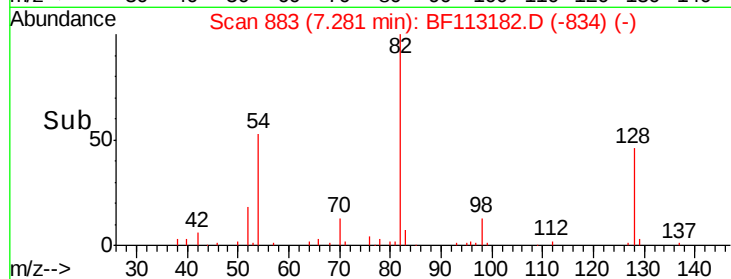
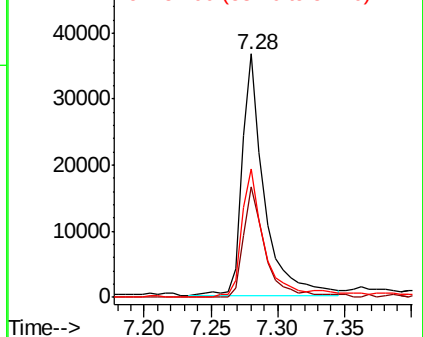
#23
Nitrobenzene-d5
Concen: 5.525 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	41653
Ion Ratio	Lower	Upper	
82	100		
128	45.3	37.9	56.9
54	52.5	41.2	61.8

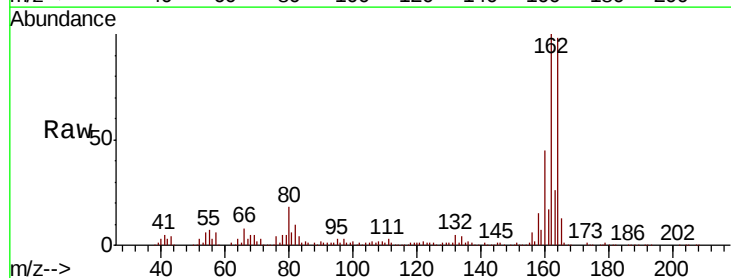


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

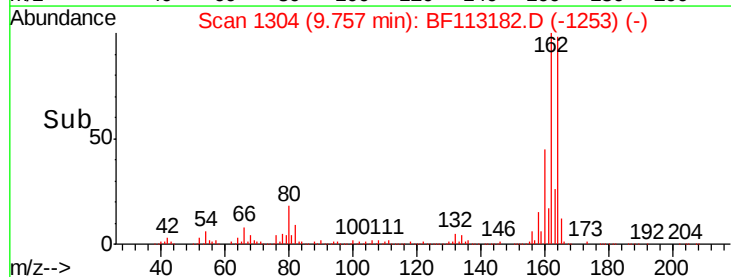
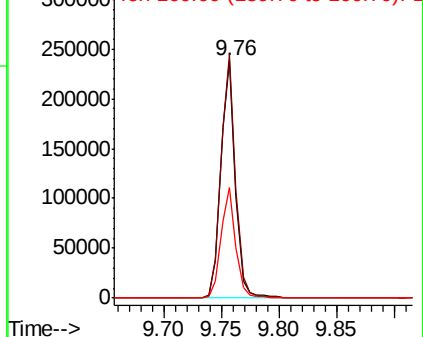


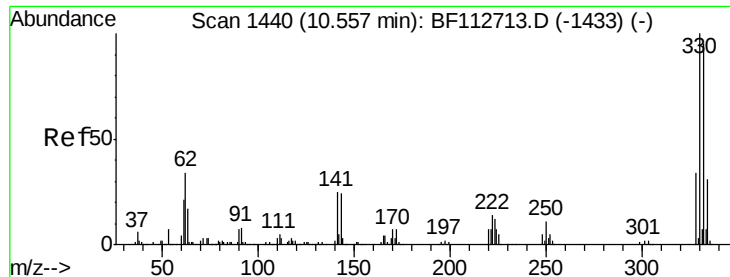
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

Tgt Ion	164	Resp	207883
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.8	121.2
160	46.4	36.2	54.2



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

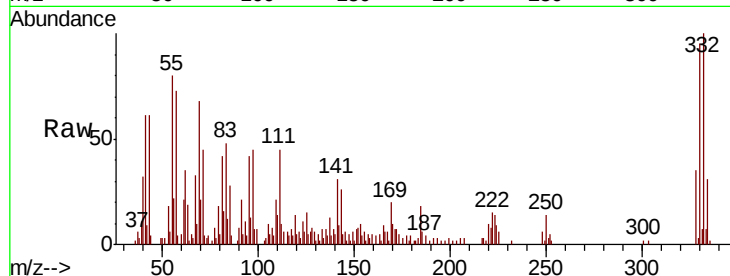




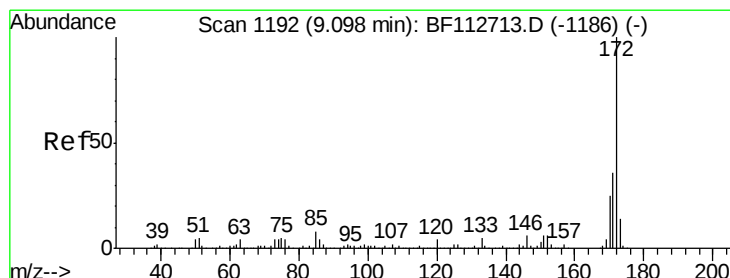
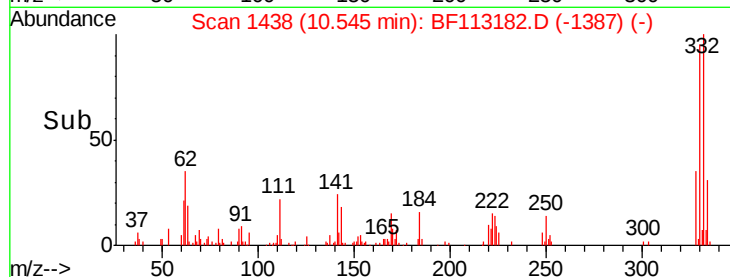
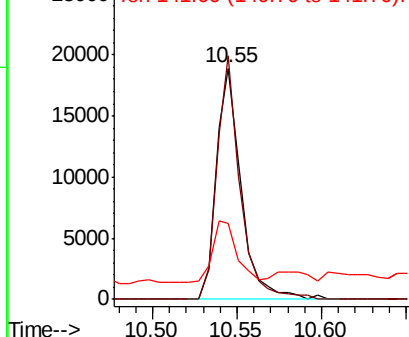
#42
 2,4,6-Tribromophenol
 Concen: 8.792 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 19403
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.3 114.5
 141 26.3 22.3 33.5

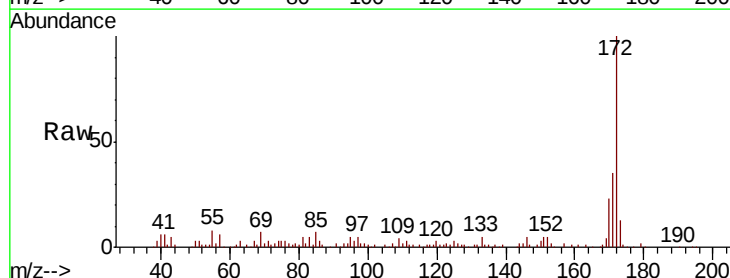


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

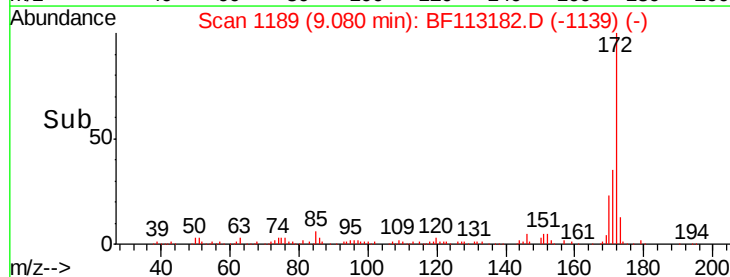
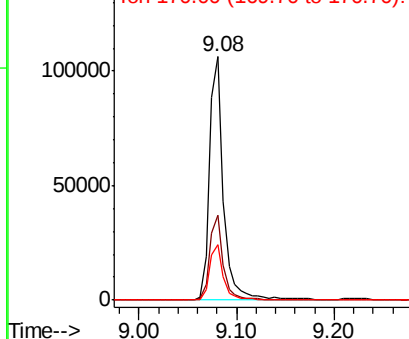


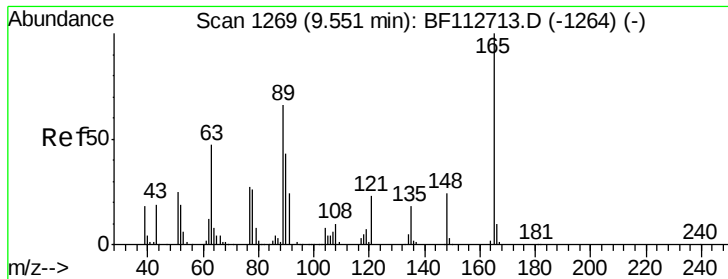
#45
 2-Fluorobiphenyl
 Concen: 5.467 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Tgt Ion:172 Resp: 106166
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.4
 170 22.9 20.1 30.1



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

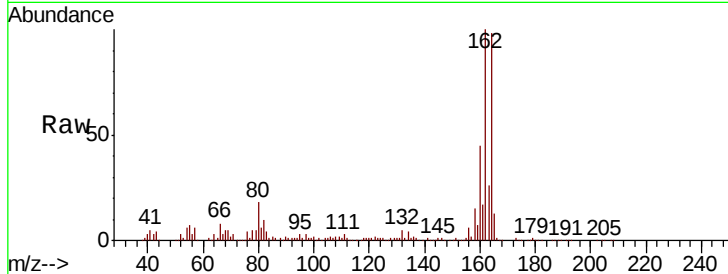




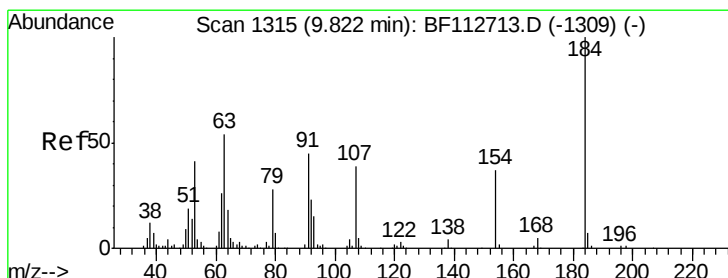
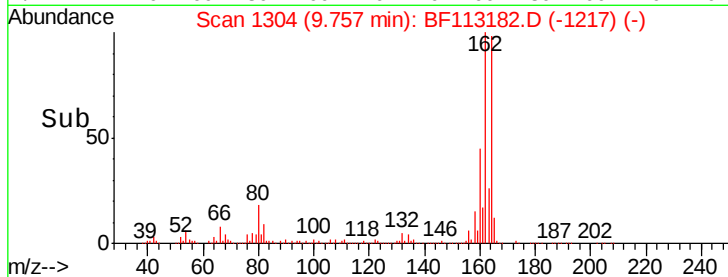
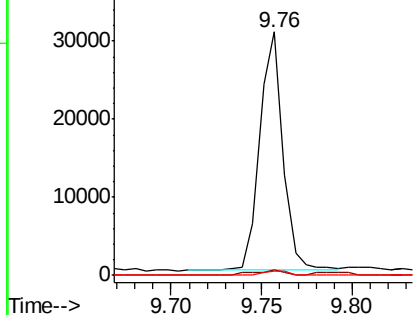
#51
 2,6-Dinitrotoluene
 Concen: 8.530 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 27227
 Ion Ratio Lower Upper
 165 100
 63 2.0 45.4 68.2#
 89 1.8 43.8 65.6#

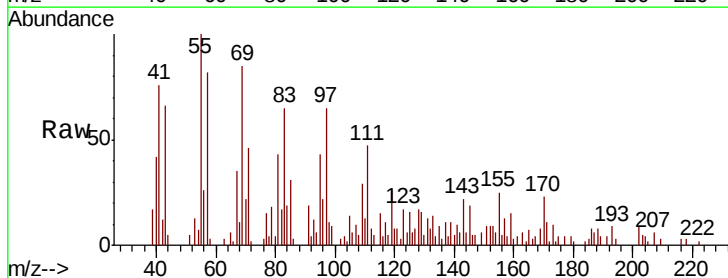


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

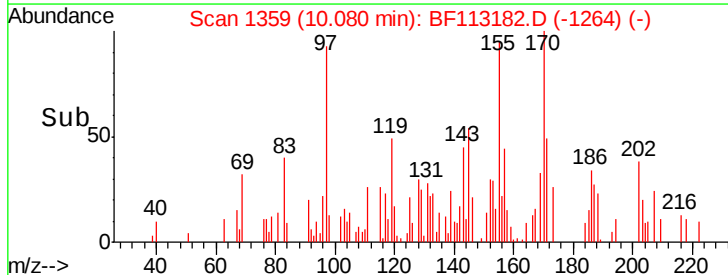
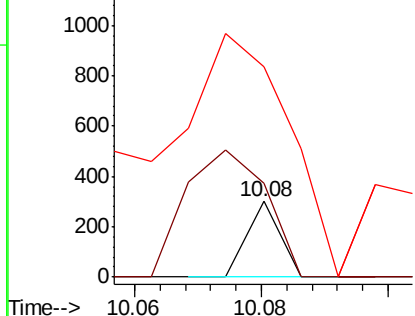


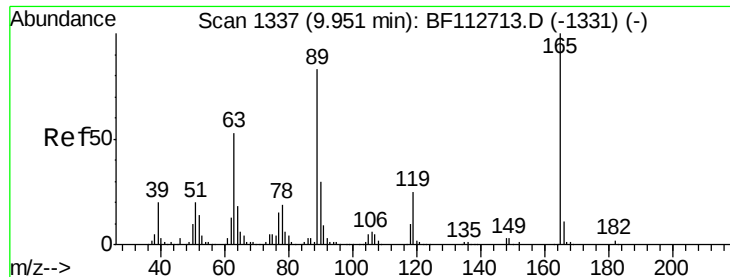
#54
 2,4-Dinitrophenol
 Concen: 6.528 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.26 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Tgt Ion:184 Resp: 106
 Ion Ratio Lower Upper
 184 100
 63 124.3 52.1 78.1#
 154 278.1 46.2 69.4#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

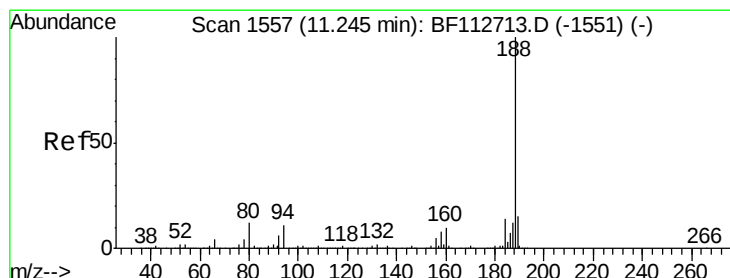
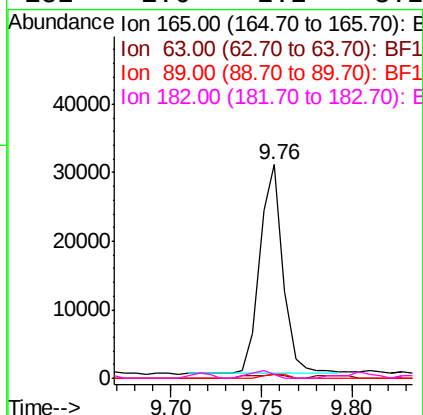
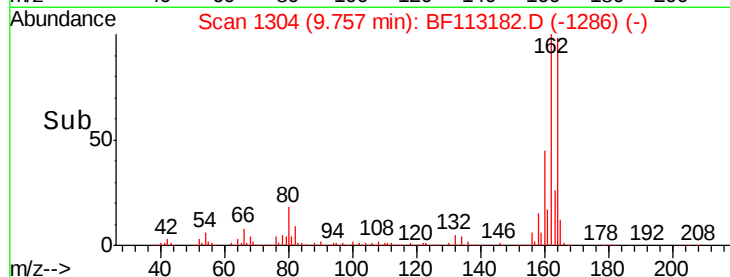
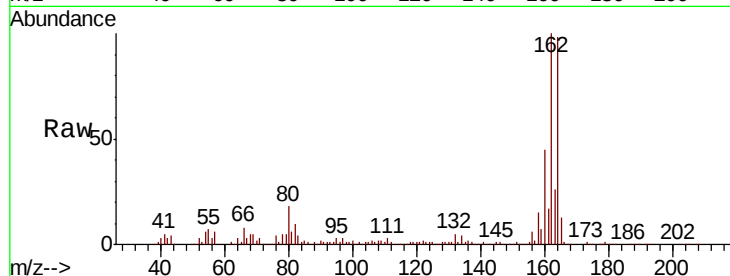




#57
 2,4-Dinitrotoluene
 Concen: 6.862 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

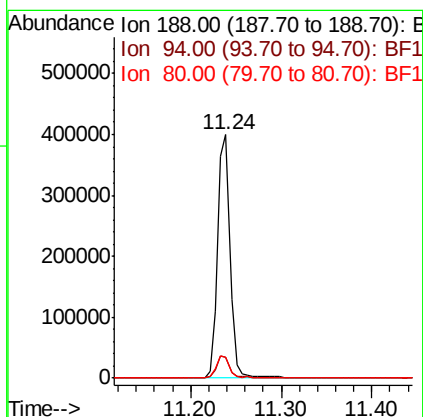
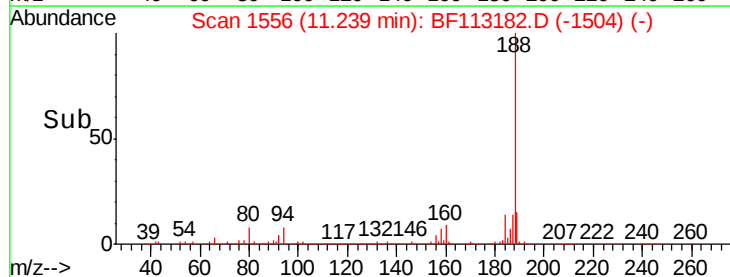
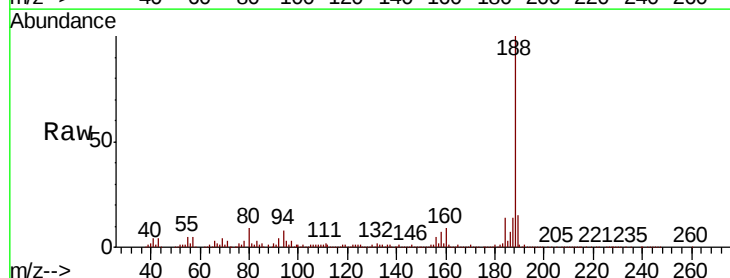
Instrument :
 BNA_F
 ClientSampleId :

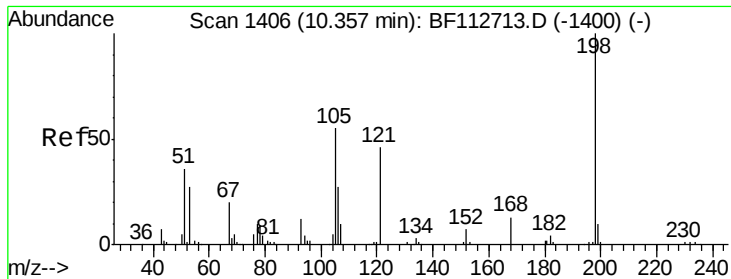
Tot Ion:165 Resp: 27227
 Ion Ratio Lower Upper
 165 100
 63 2.0 37.9 56.9#
 89 1.8 58.5 87.7#
 182 1.6 2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Tgt Ion:188 Resp: 378874
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.4 11.2
 80 8.6 7.9 11.9

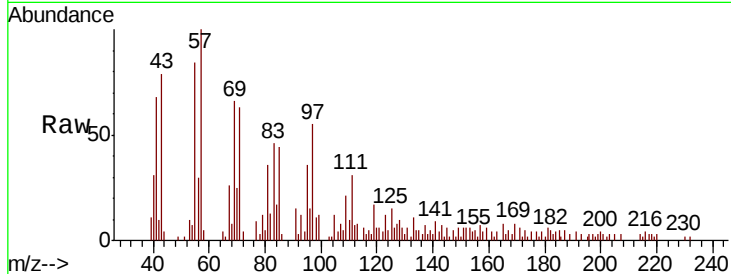




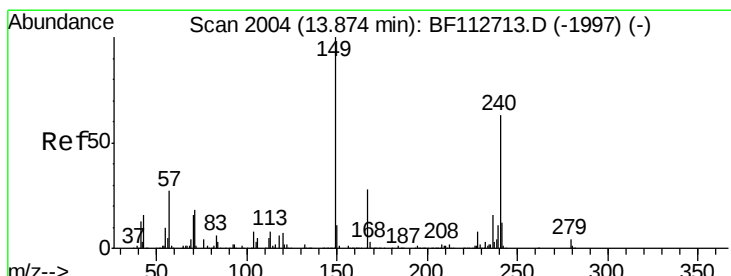
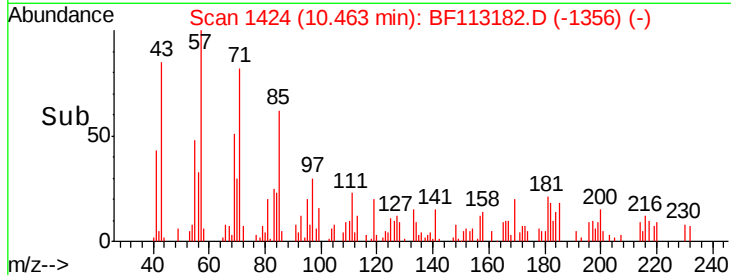
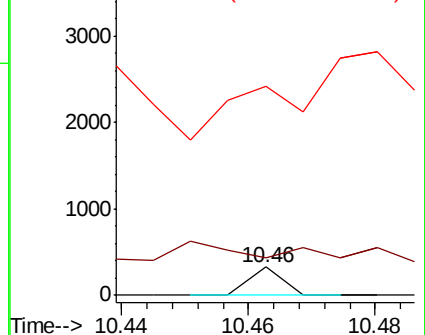
#65
4,6-Dinitro-2-methylphenol
Concen: 4.680 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.10 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 116
Ion Ratio Lower Upper
198 100
51 133.5 25.5 65.5#
105 736.6 23.2 63.2#

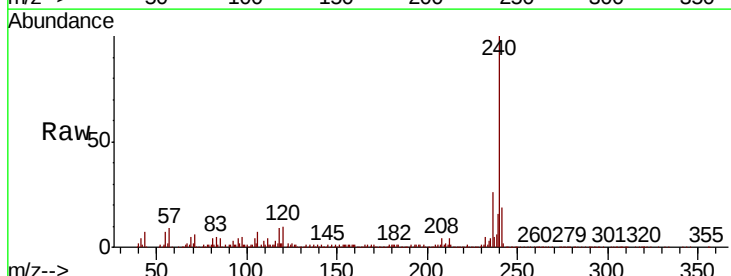


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

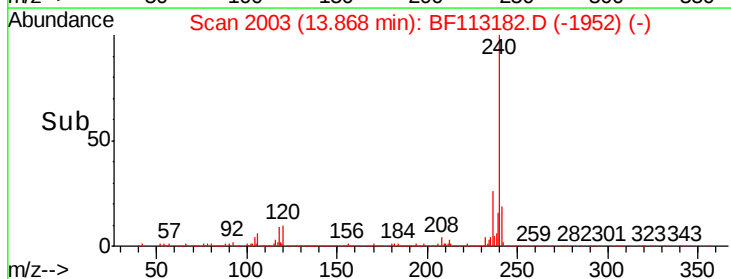
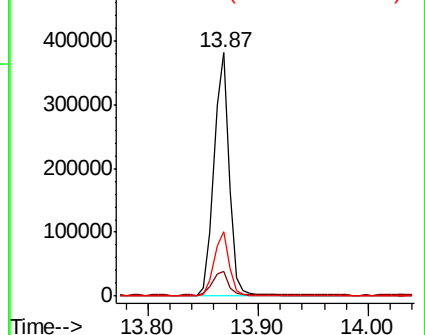


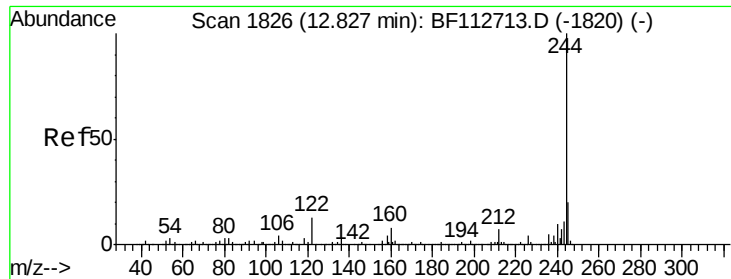
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113182.D
Acq: 20 Mar 2019 20:28

Tgt Ion:240 Resp: 359316
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 26.3 21.2 31.8



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

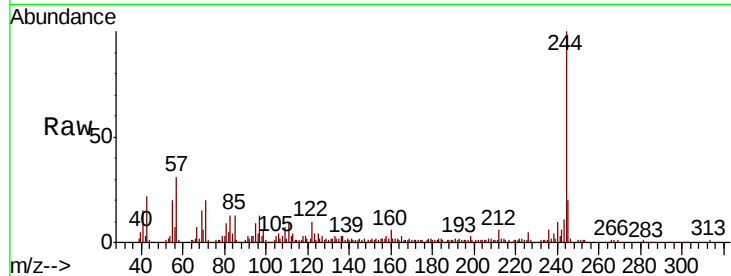




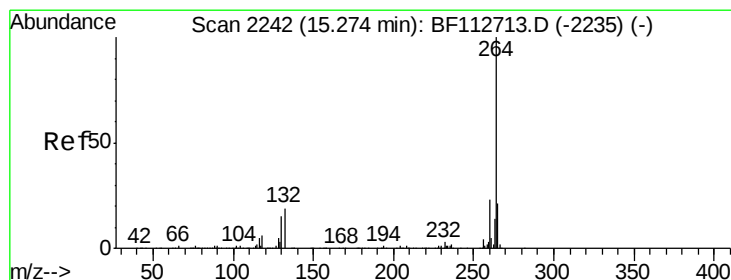
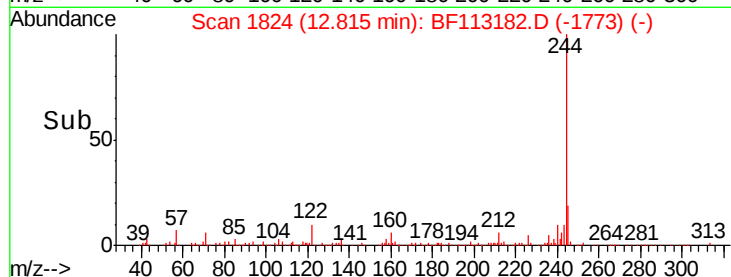
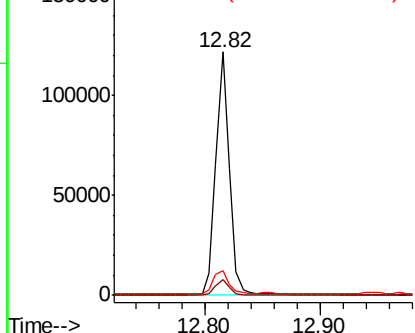
#79
 Terphenyl-d14
 Concen: 5.431 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 100668
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 10.4 9.4 14.2

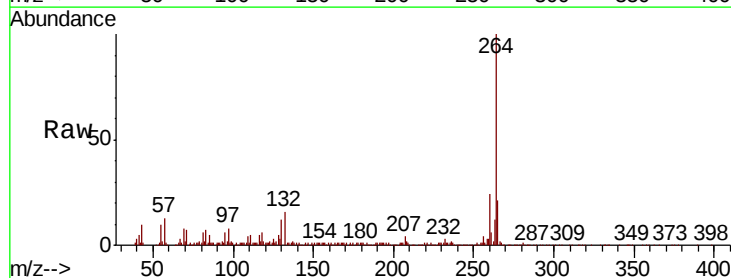


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113182.D
 Acq: 20 Mar 2019 20:28

Tgt Ion:264 Resp: 281690
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

