

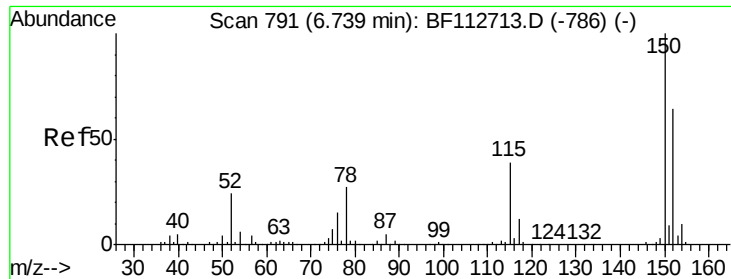
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113155.D
 Acq On : 20 Mar 2019 5:56
 Operator : JU/SJ
 Sample : K1948-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW081-031319

Quant Time: Mar 20 07:20:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	164319	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	575017	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	265962	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	417083	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	333891	20.00	ng	0.00
87) Perylene-d12	15.27	264	242626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1107376	104.83	ng	0.00
7) Phenol-d6	6.37	99	1393190	104.99	ng	0.00
23) Nitrobenzene-d5	7.29	82	832634	86.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	276131	97.80	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	1448574	92.34	ng	-0.01
79) Terphenyl-d14	12.82	244	1112763	64.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	108929	12.962	ng	# 75
25) Isophorone	7.29	82	814094	39.324	ng	# 66
50) Dimethylphthalate	9.47	163	156180	7.964	ng	# 98
57) 2,4-Dinitrotoluene	9.75	165	33603	6.620	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.54	198	356	4.801	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	15650	3.562	ng	# 1

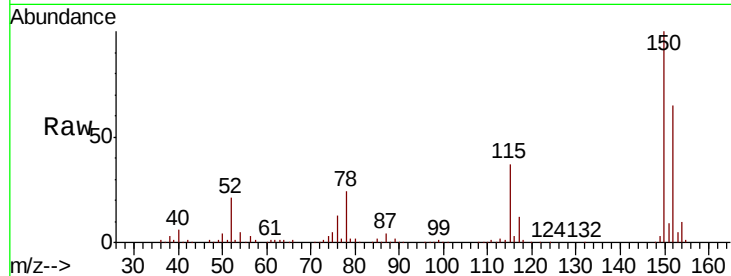
(#) = qualifier out of range (m) = manual integration (+) = signals summed



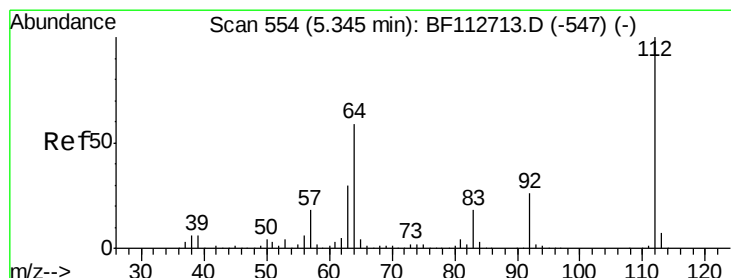
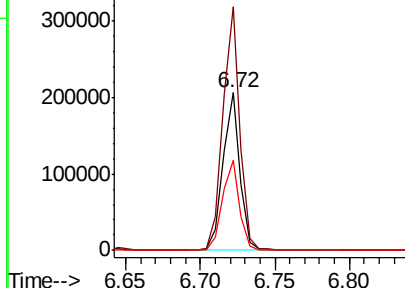
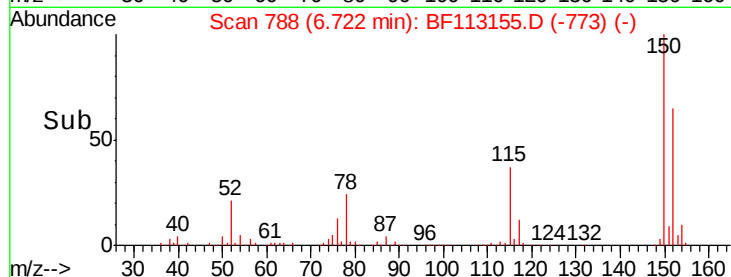
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113155.D
 Acq: 20 Mar 2019 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW081-031319

Tgt Ion:152 Resp: 164319
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.2 186.2
 115 56.9 48.2 72.4

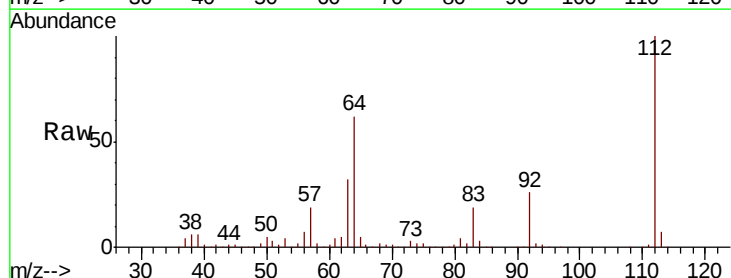


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

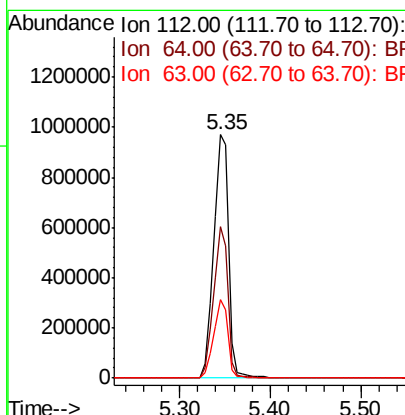
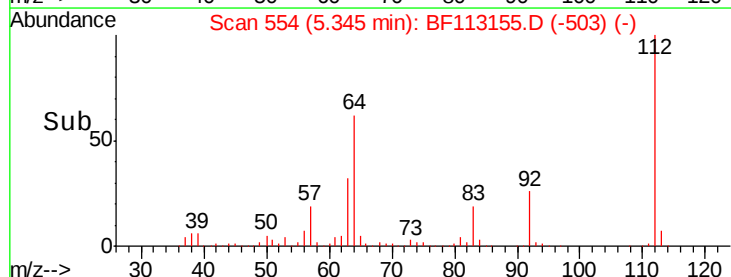


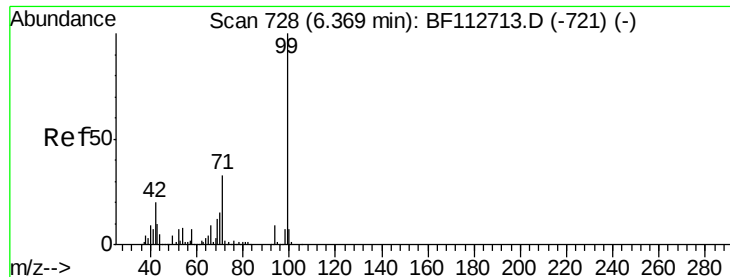
#5
 2-Fluorophenol
 Concen: 104.831 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF113155.D
 Acq: 20 Mar 2019 5:56

Tgt Ion:112 Resp: 1107376
 Ion Ratio Lower Upper
 112 100
 64 62.1 47.6 71.4
 63 32.2 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: 104.993 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113155.D

Acq: 20 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

PST-025-SW081-031319

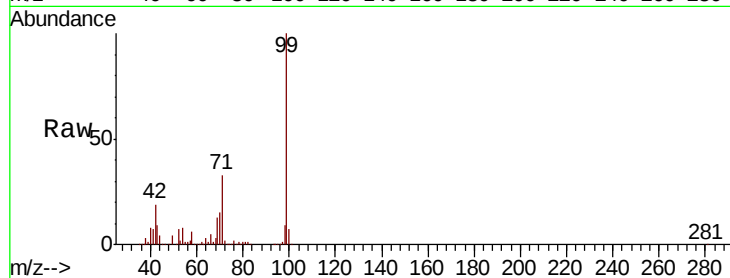
Tgt Ion: 99 Resp: 1393190

Ion Ratio Lower Upper

99 100

42 18.7 16.3 24.5

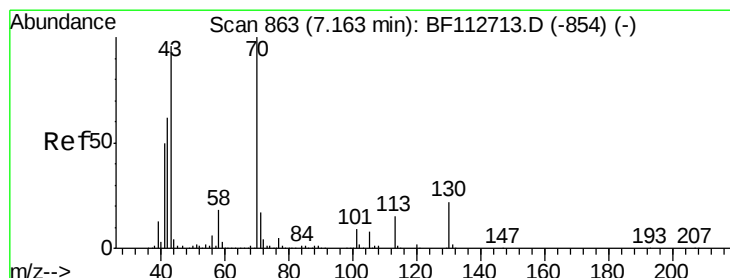
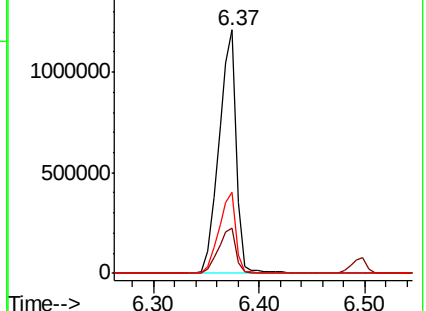
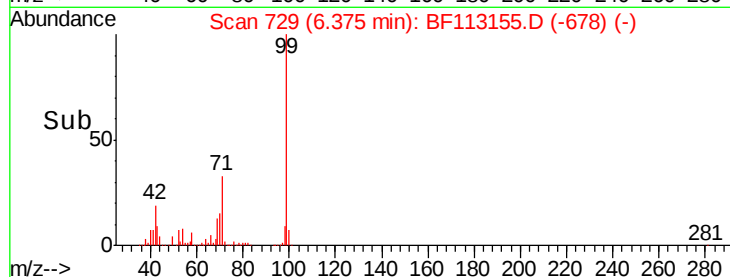
71 33.3 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.962 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113155.D

Acq: 20 Mar 2019 5:56

Tgt Ion: 70 Resp: 108929

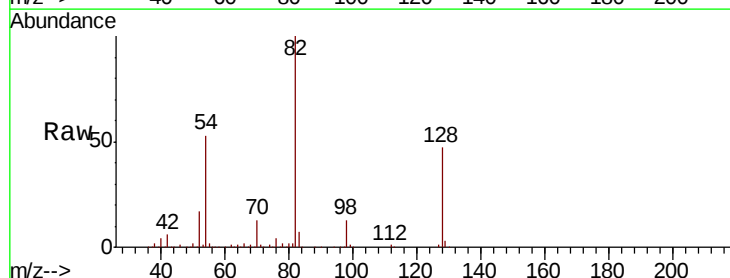
Ion Ratio Lower Upper

70 100

42 47.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

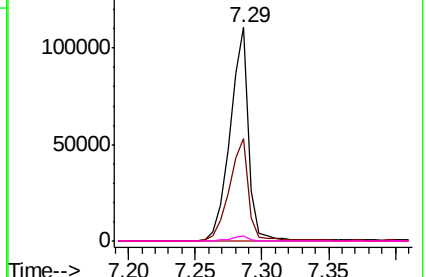
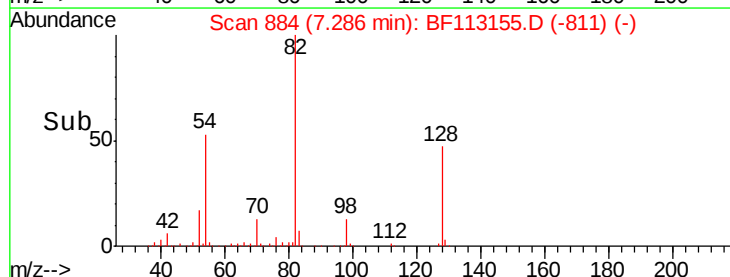


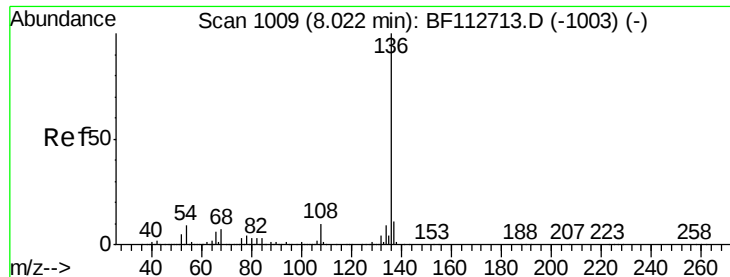
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

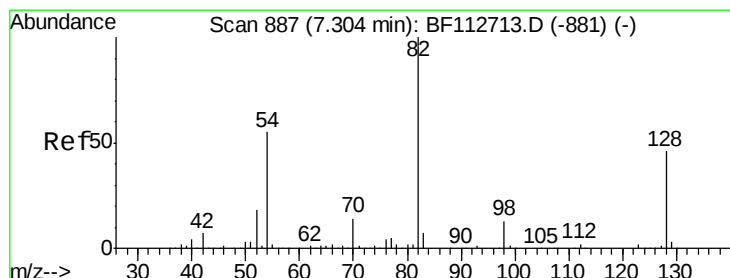
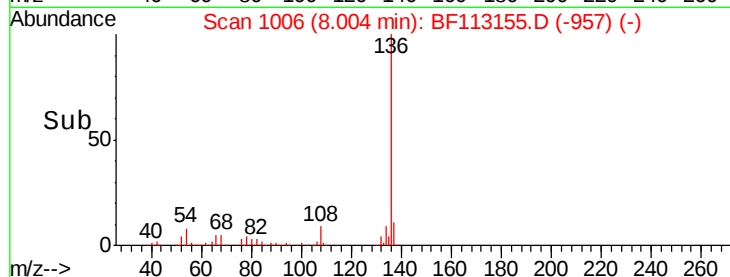
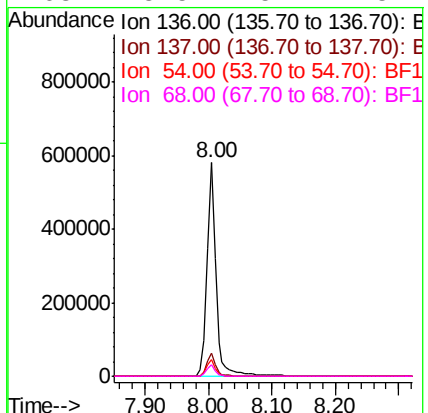
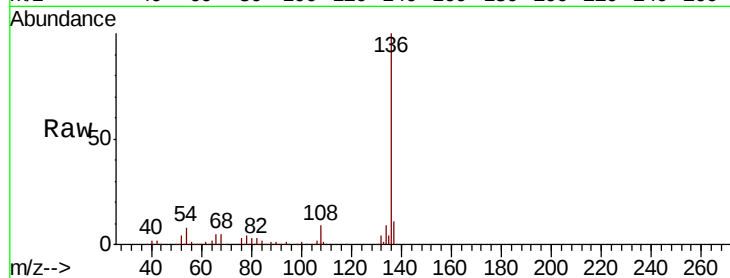




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

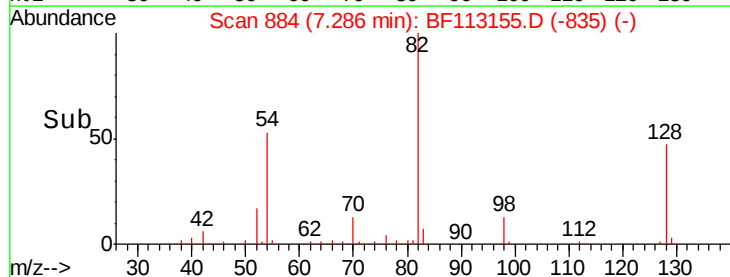
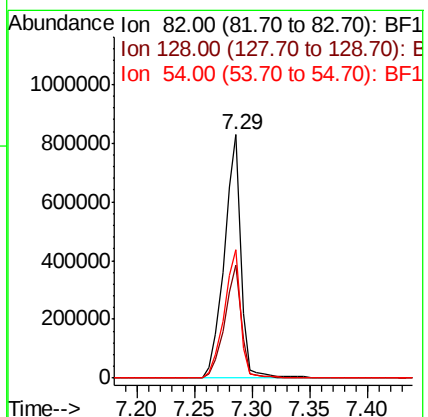
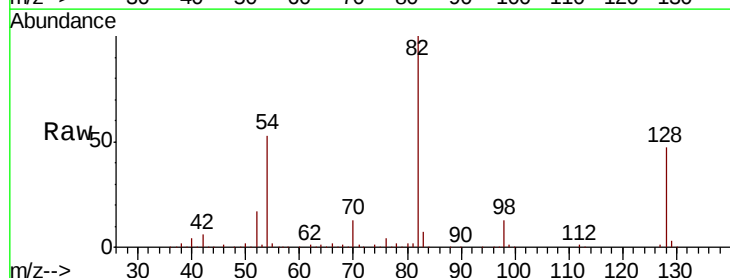
Instrument :
BNA_F
ClientSampleId :
PST-025-SW081-031319

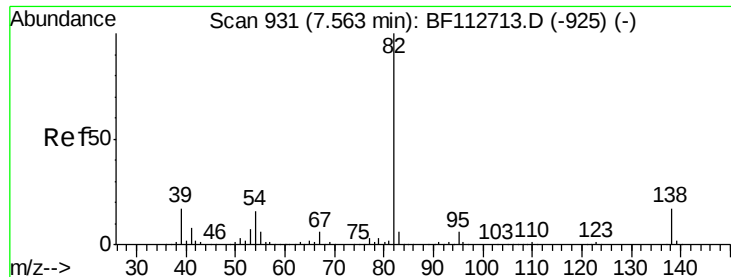
Tgt Ion:	136	Resp:	575017
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	7.3	10.9
68	5.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 86.646 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

Tgt Ion:	82	Resp:	832634
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	52.6	43.7	65.5

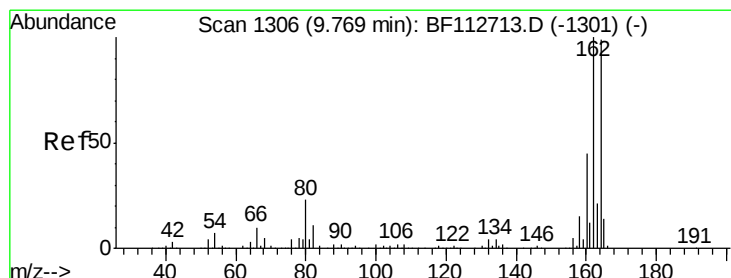
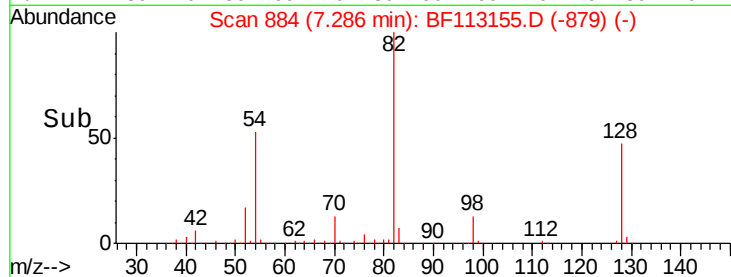
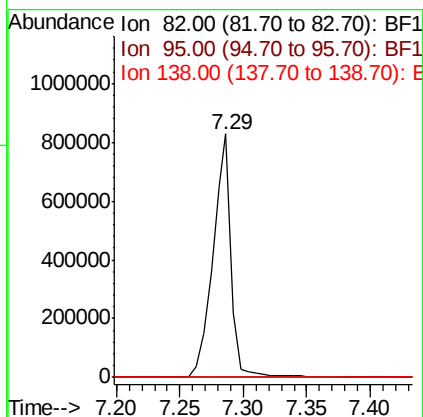
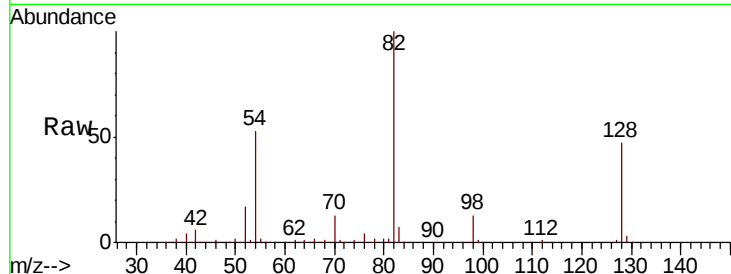




#25
Isophorone
Concen: 39.324 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

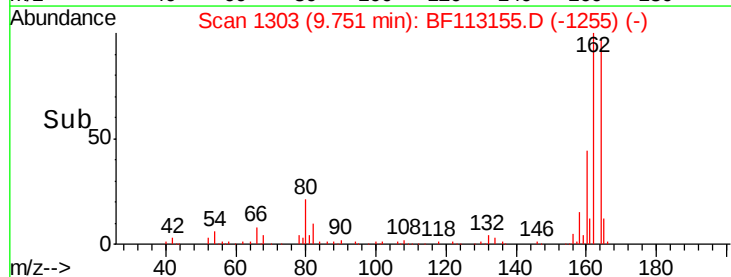
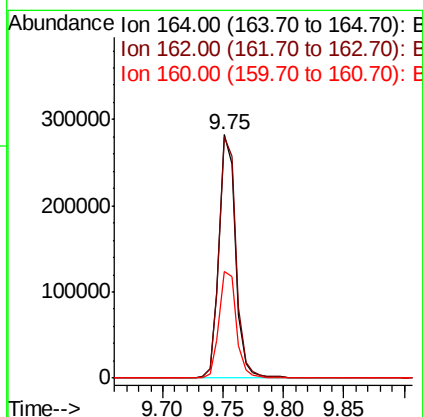
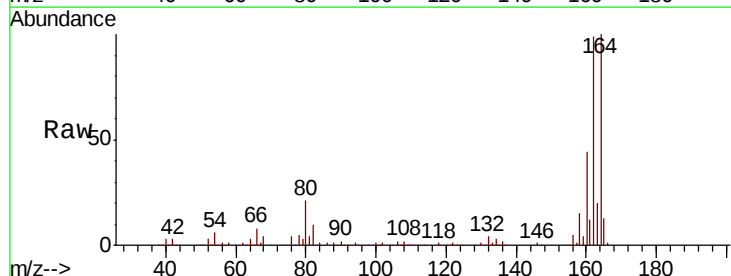
Instrument :
BNA_F
ClientSampleId :
PST-025-SW081-031319

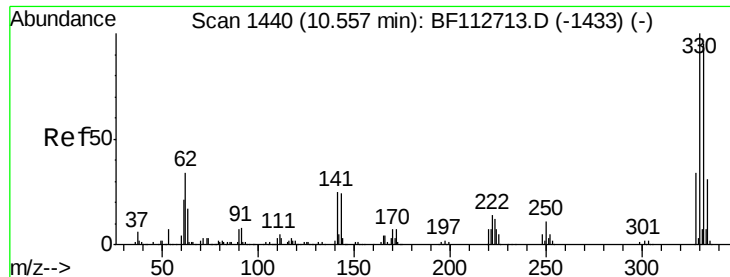
Tgt Ion: 82 Resp: 814094
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

Tgt Ion: 164 Resp: 265962
Ion Ratio Lower Upper
164 100
162 98.8 80.6 120.8
160 43.7 36.0 54.0

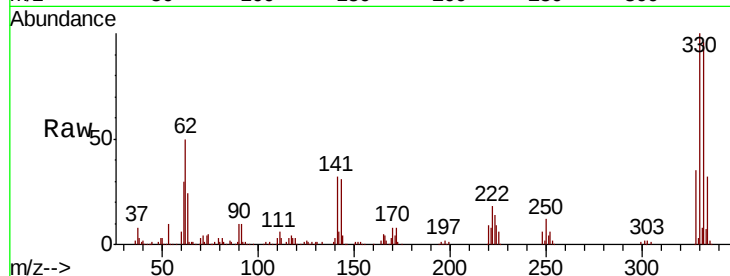




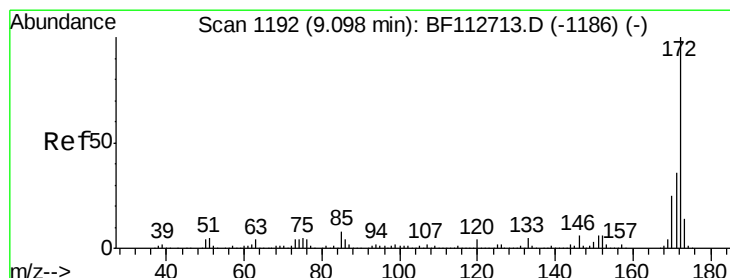
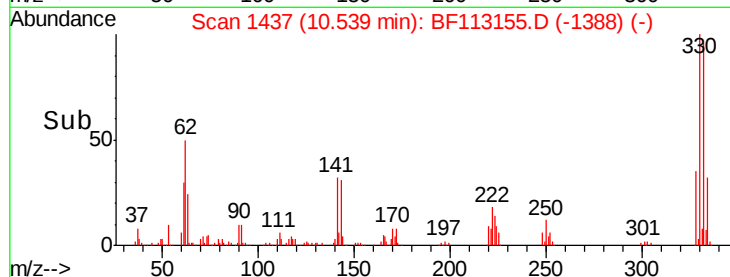
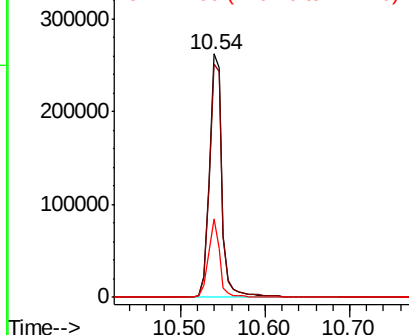
#42
 2,4,6-Tribromophenol
 Concen: 97.797 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113155.D
 Acq: 20 Mar 2019 5:56

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-SW081-031319

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.2	114.4
141	28.6	27.0	40.6

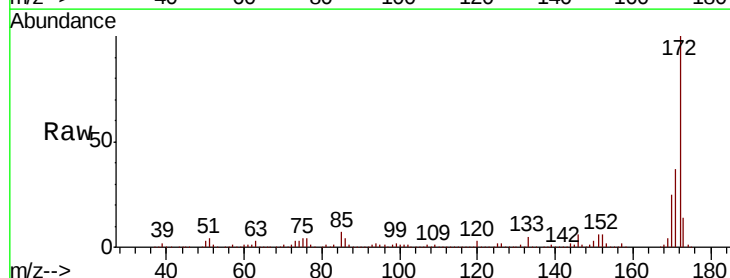


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

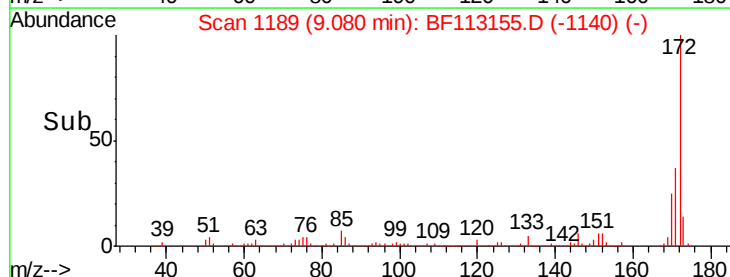
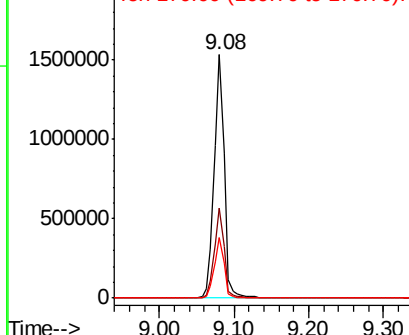


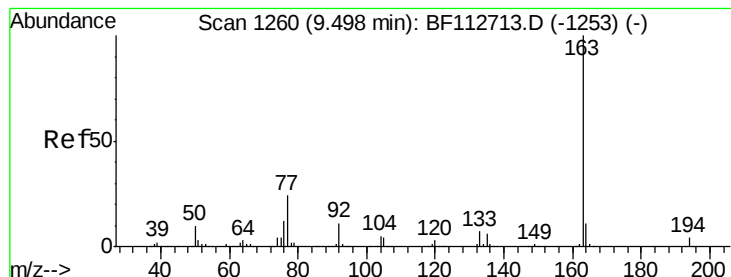
#45
 2-Fluorobiphenyl
 Concen: 92.343 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113155.D
 Acq: 20 Mar 2019 5:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	24.7	20.0	30.0



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





#50

Dimethylphthalate

Concen: 7.964 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF113155.D

Acq: 20 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

PST-025-SW081-031319

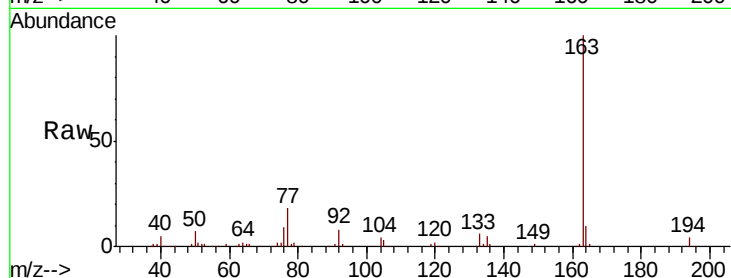
Tgt Ion:163 Resp: 156180

Ion Ratio Lower Upper

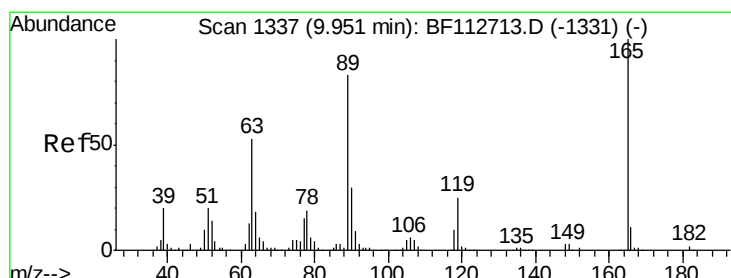
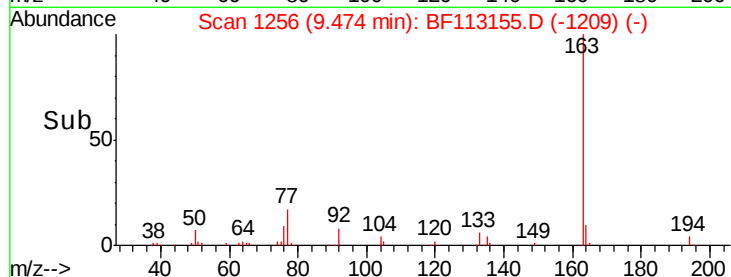
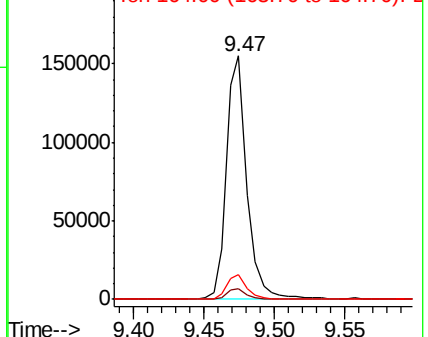
163 100

194 4.2 3.0 4.4

164 9.9 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.620 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF113155.D

Acq: 20 Mar 2019 5:56

Tgt Ion:165 Resp: 33603

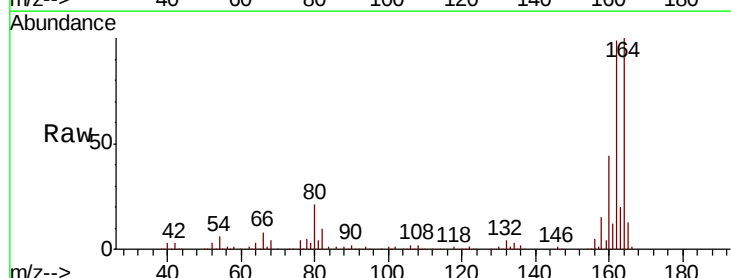
Ion Ratio Lower Upper

165 100

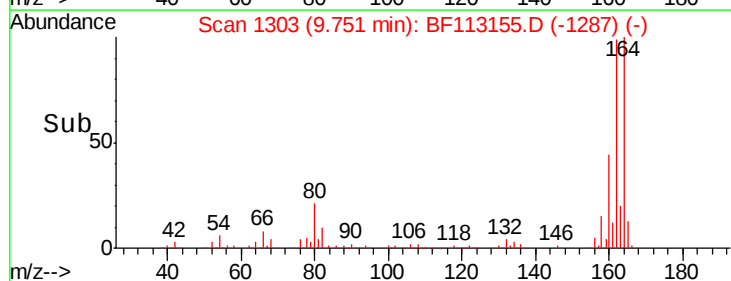
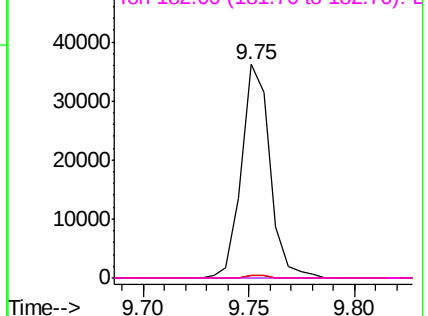
63 1.2 42.2 63.2#

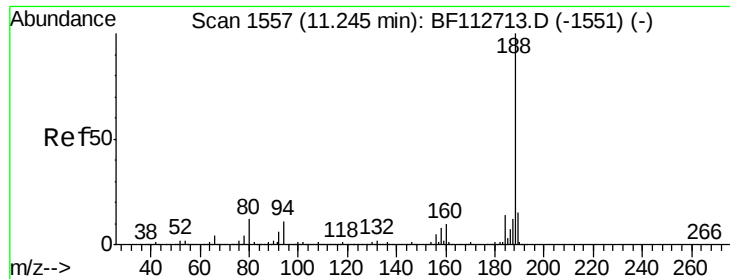
89 1.1 66.2 99.4#

182 0.0 1.8 2.6#



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

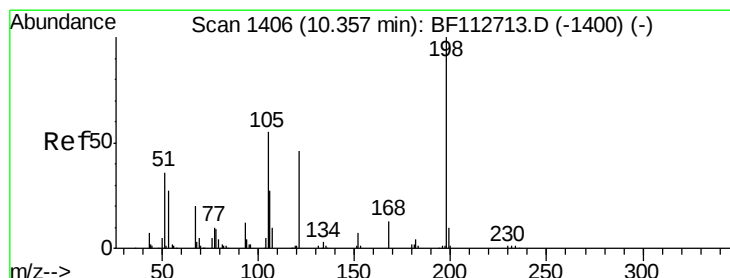
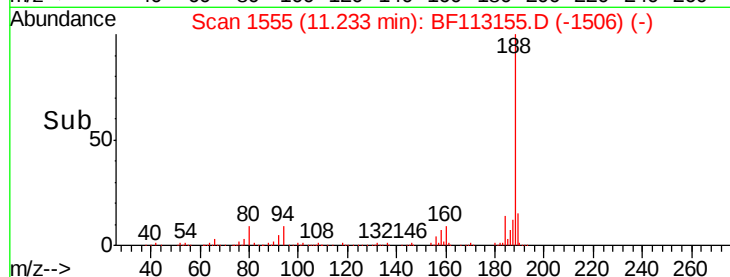
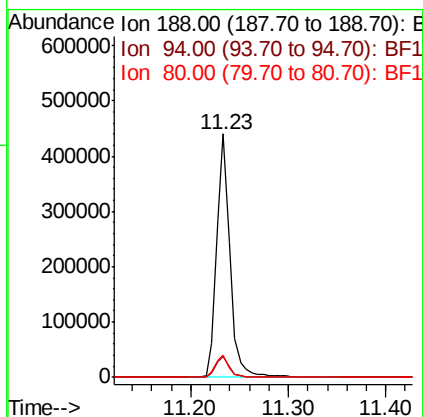
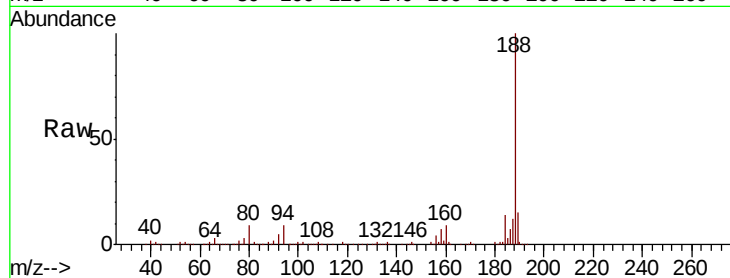




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

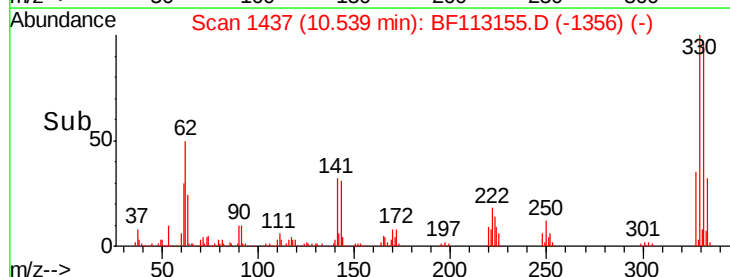
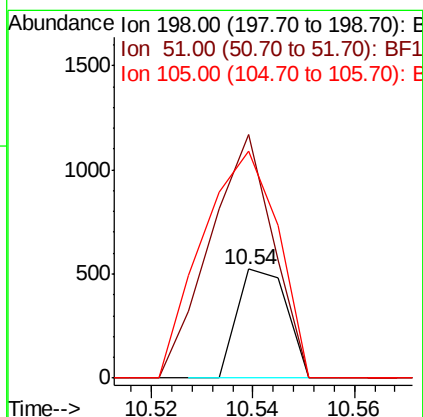
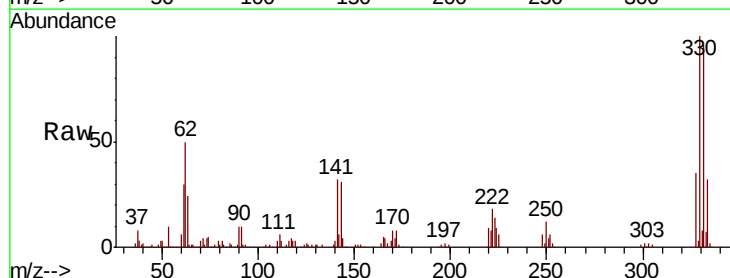
Instrument :
BNA_F
ClientSampleId :
PST-025-SW081-031319

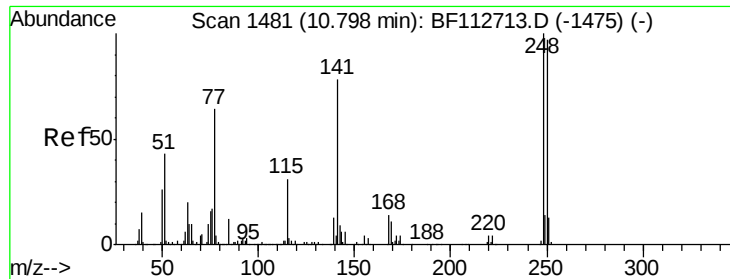
Tgt Ion:188 Resp: 417083
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.1 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.801 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

Tgt Ion:198 Resp: 356
Ion Ratio Lower Upper
198 100
51 223.1 43.8 83.8#
105 208.4 36.5 76.5#

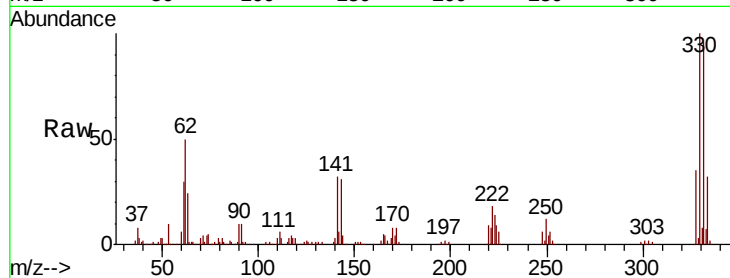




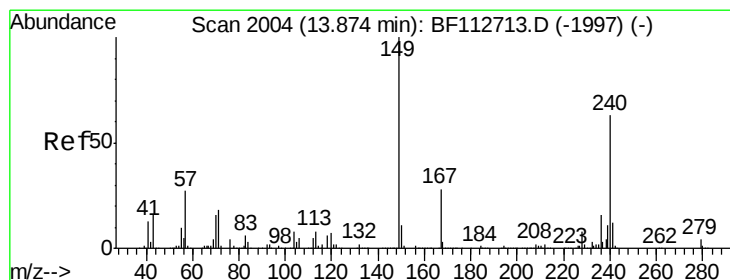
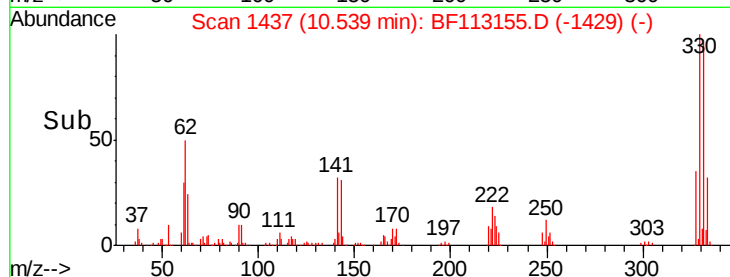
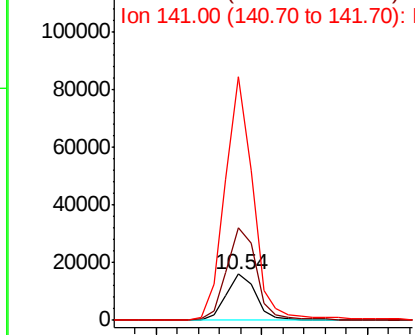
#67
4-Bromophenyl-phenylether
Concen: 3.562 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

Instrument :
BNA_F
ClientSampleId :
PST-025-SW081-031319

Tgt Ion: 248 Resp: 15650
Ion Ratio Lower Upper
248 100
250 199.6 77.5 116.3#
141 524.7 62.4 93.6#

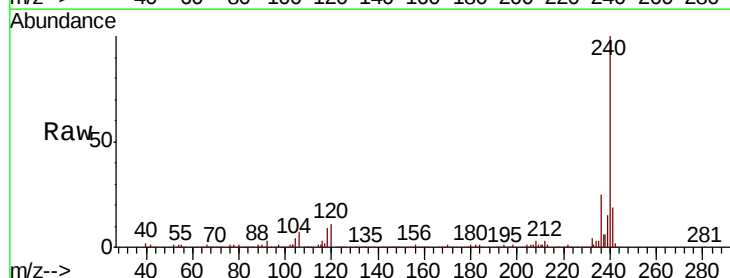


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

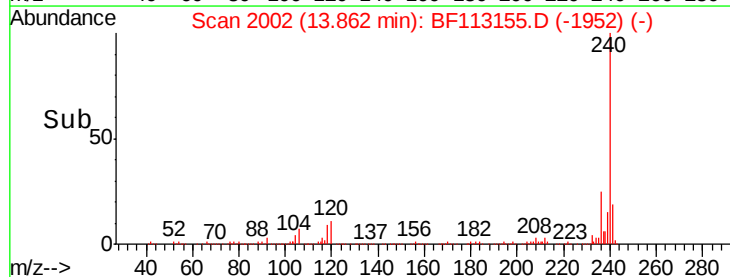
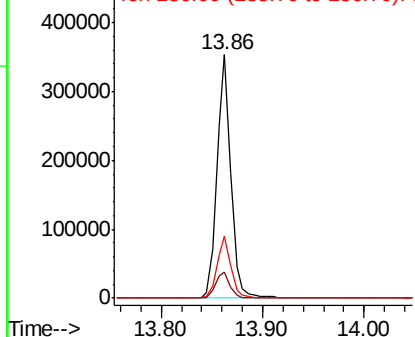


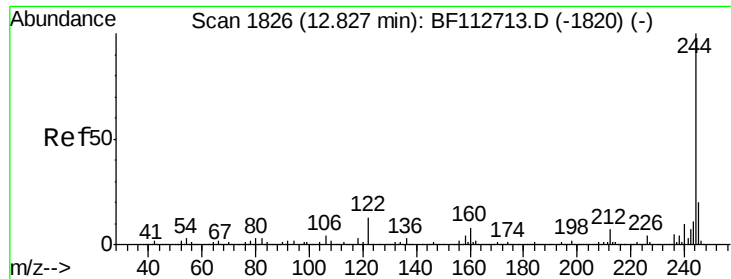
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113155.D
Acq: 20 Mar 2019 5:56

Tgt Ion: 240 Resp: 333891
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.3 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: 64.605 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113155.D

Acq: 20 Mar 2019 5:56

Instrument :

BNA_F

ClientSampleId :

PST-025-SW081-031319

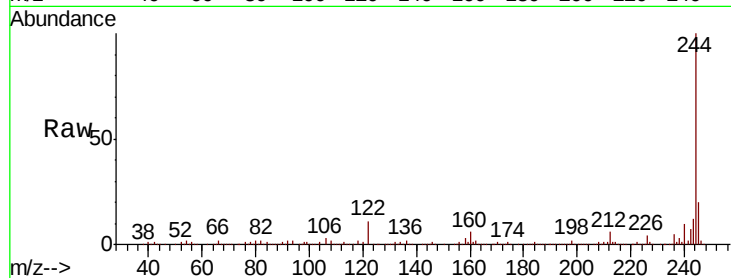
Tgt Ion:244 Resp: 1112763

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

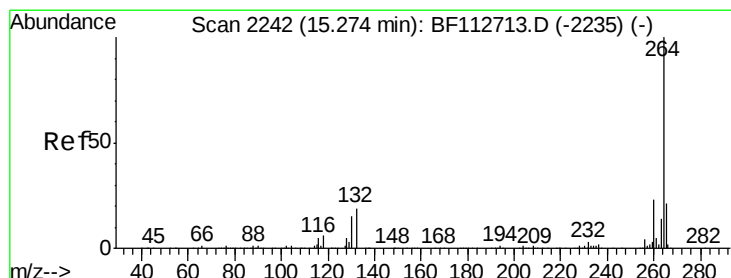
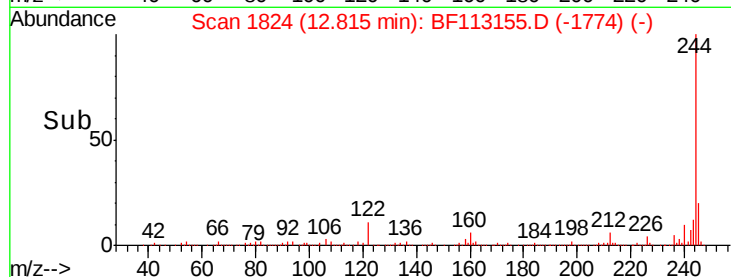
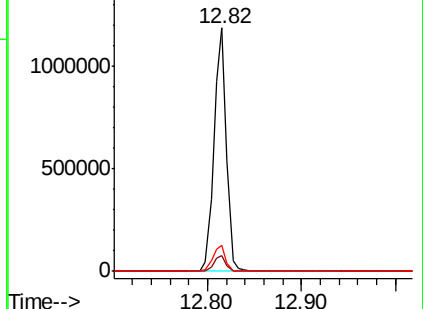
122 10.5 10.5 15.7



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113155.D

Acq: 20 Mar 2019 5:56

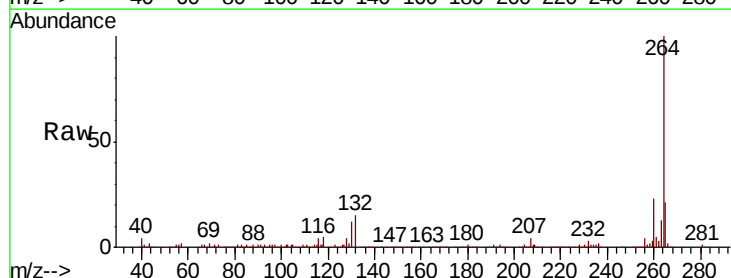
Tgt Ion:264 Resp: 242626

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.6 17.2 25.8



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

