

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113312.D
 Acq On : 27 Mar 2019 1:18
 Operator : JU/SJ
 Sample : K2099-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

Quant Time: Mar 27 05:03:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

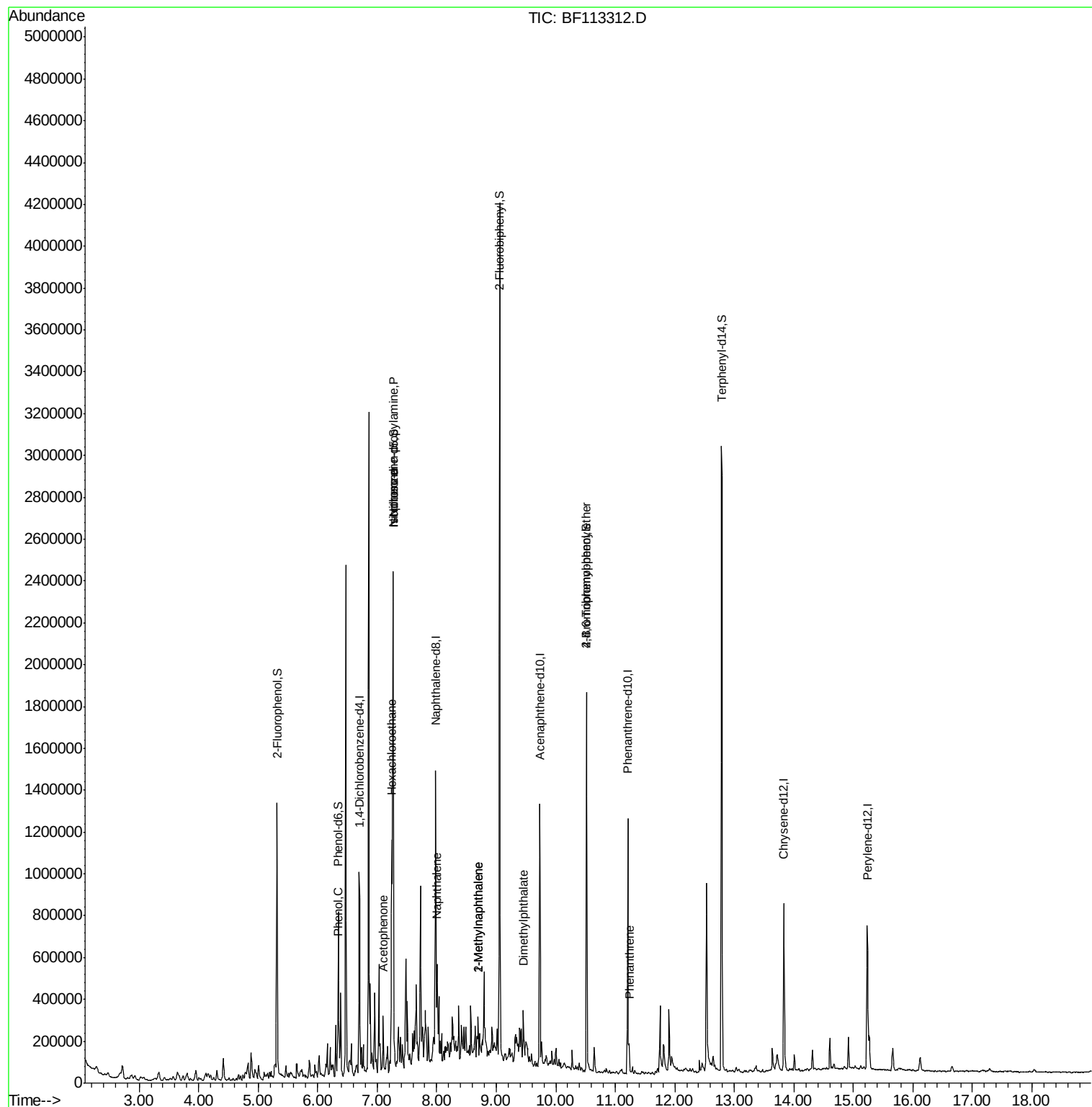
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150396	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	513324	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	244930	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	453727	20.00	ng	0.00
76) Chrysene-d12	13.83	240	286652	20.00	ng	-0.01
87) Perylene-d12	15.23	264	337741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	397298	43.19	ng	0.00
7) Phenol-d6	6.35	99	320136	27.51	ng	-0.01
23) Nitrobenzene-d5	7.26	82	816072	94.36	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	246906	81.61	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1430458	93.25	ng	0.00
79) Terphenyl-d14	12.79	244	1128640	86.79	ng	0.00
Target Compounds						
10) Phenol	6.36	94	34485	2.596	ng	# 76
18) Hexachloroethane	7.24	117	53220	13.329	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	111941	15.316	ng	# 78
20) 3+4-Methylphenols	7.10	107	379	Below Cal		# 1
22) Acetophenone	7.10	105	69296	5.919	ng	# 55
25) Isophorone	7.26	82	788820	47.064	ng	# 64
31) Naphthalene	8.00	128	52293	2.085	ng	# 88
37) 2-Methylnaphthalene	8.70	142	62813	4.013	ng	97
38) 1-Methylnaphthalene	8.70	142	62813	4.172	ng	95
50) Dimethylphthalate	9.45	163	84737	4.668	ng	100
67) 4-Bromophenyl-phenylether	10.52	248	13526	2.735	ng	# 1
71) Phenanthrene	11.23	178	48508	2.153	ng	99

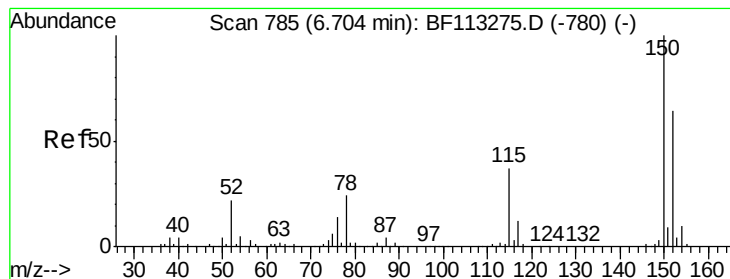
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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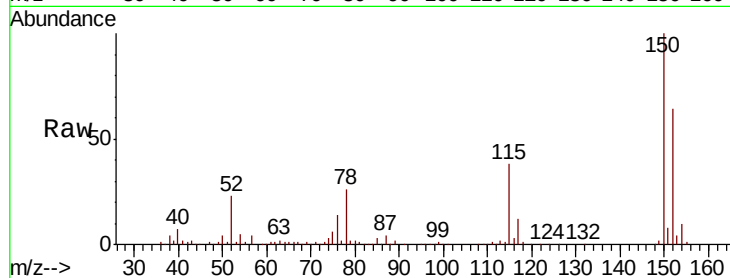


#1

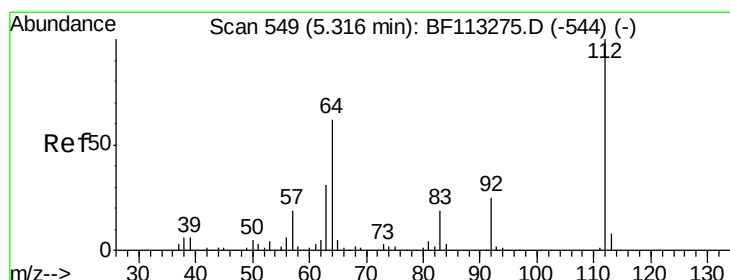
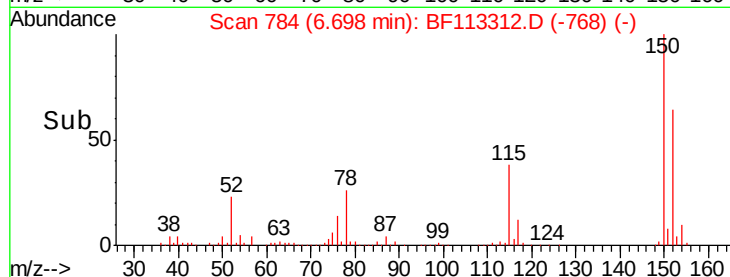
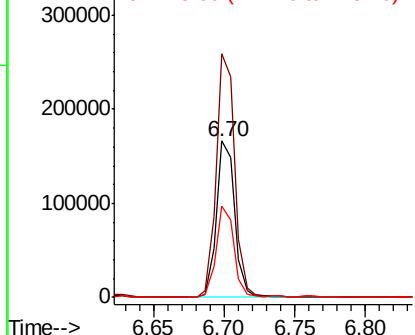
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:152 Resp: 150396
Ion Ratio Lower Upper
152 100
150 156.0 124.7 187.1
115 58.6 46.0 69.0



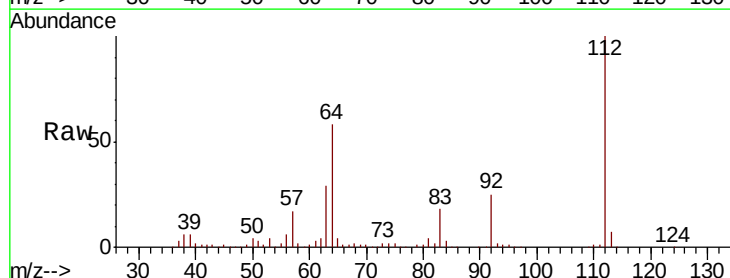
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



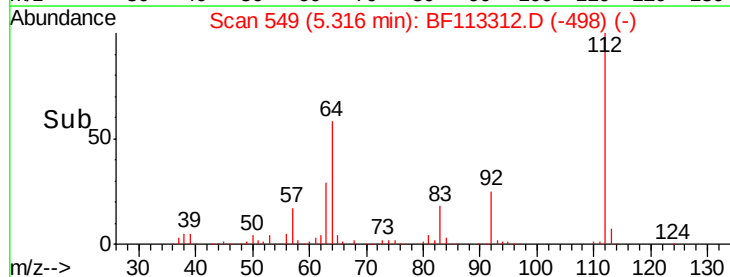
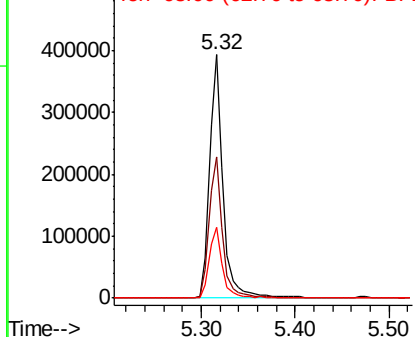
#5

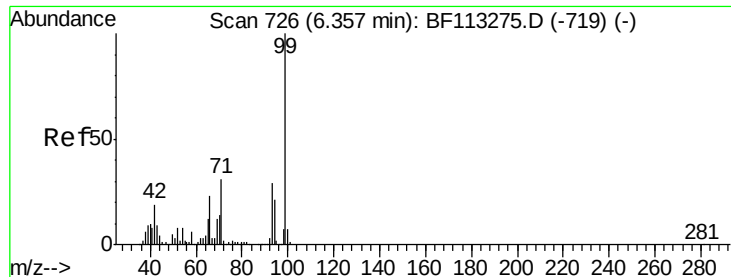
2-Fluorophenol
Concen: 43.195 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:112 Resp: 397298
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 29.1 24.9 37.3



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: 27.513 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

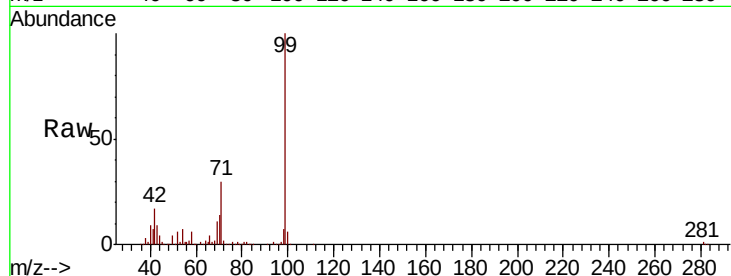
Tgt Ion: 99 Resp: 320136

Ion Ratio Lower Upper

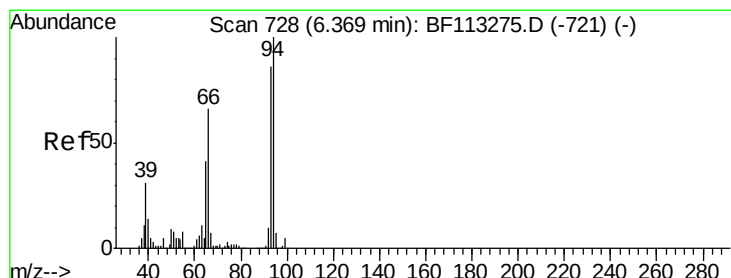
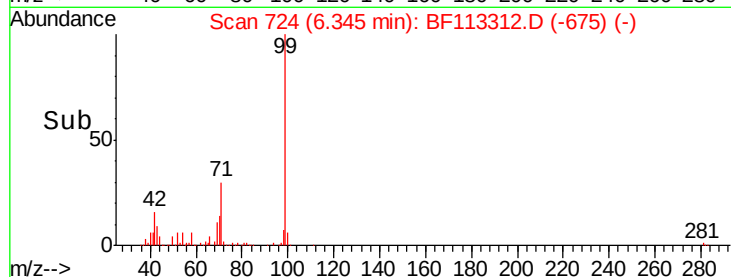
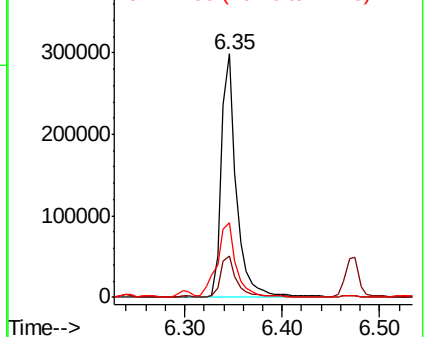
99 100

42 16.9 14.8 22.2

71 30.5 24.9 37.3



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



#10

Phenol

Concen: 2.596 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

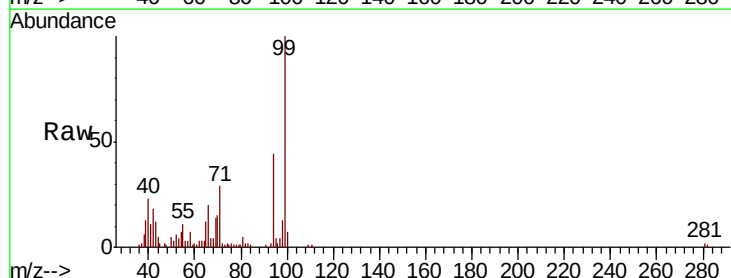
Tgt Ion: 94 Resp: 34485

Ion Ratio Lower Upper

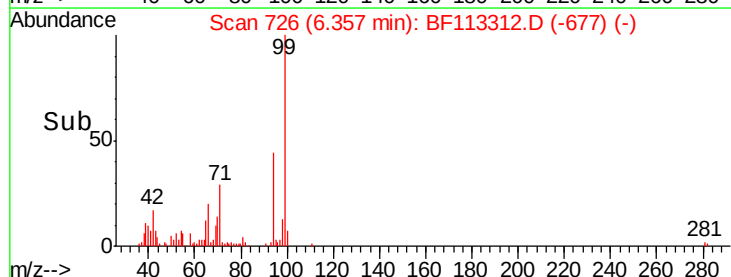
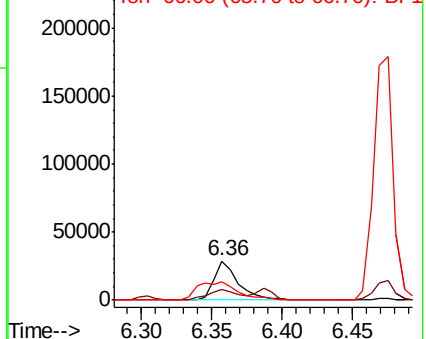
94 100

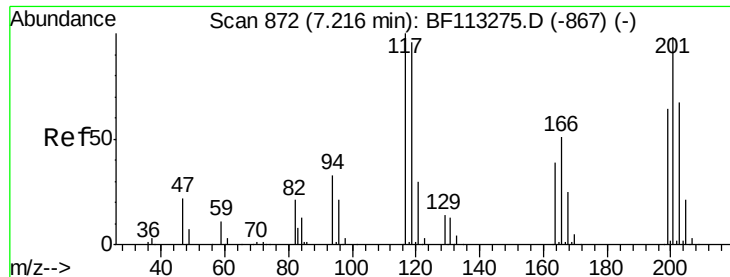
65 28.3 21.4 61.4

66 46.0 46.4 86.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

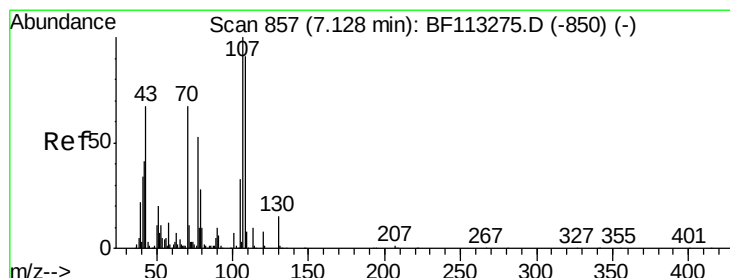
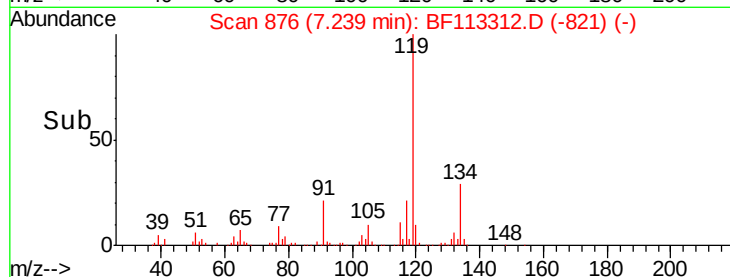
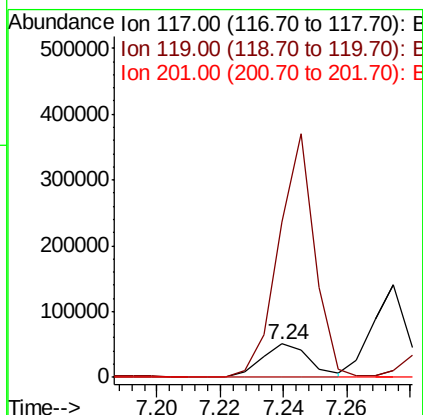
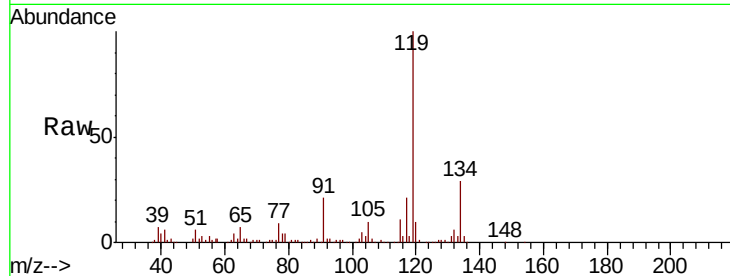




#18
Hexachloroethane
Concen: 13.329 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

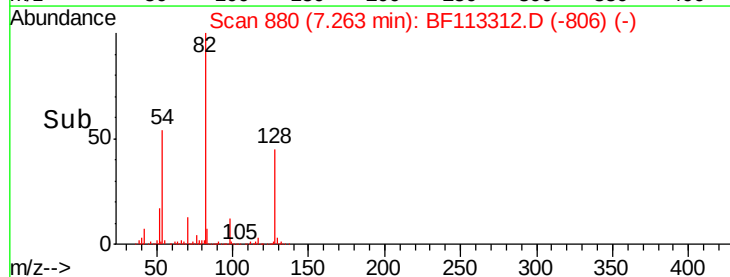
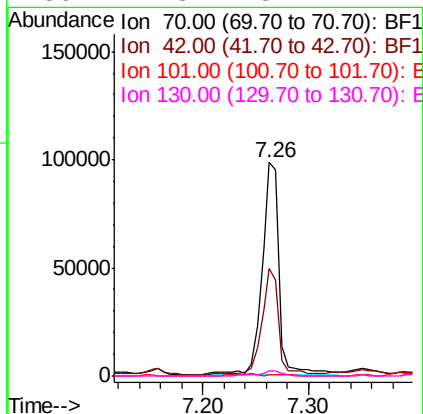
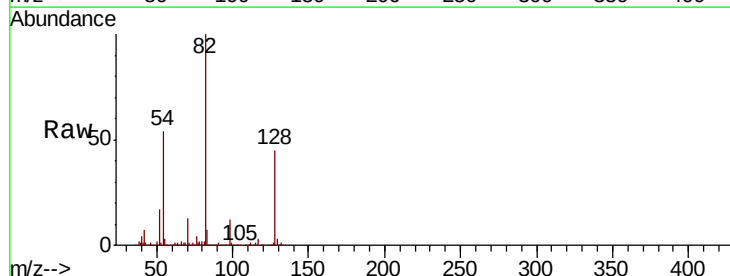
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

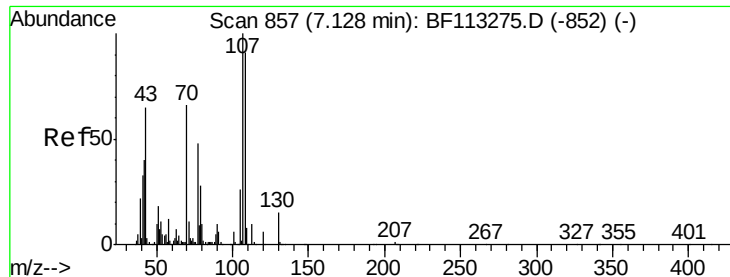
Tgt Ion: 117 Resp: 53220
Ion Ratio Lower Upper
117 100
119 469.9 76.9 115.3#
201 0.0 78.7 118.1#



#19
n-Nitroso-di-n-propylamine
Concen: 15.316 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion: 70 Resp: 111941
Ion Ratio Lower Upper
70 100
42 50.6 48.4 72.6
101 0.4 7.8 11.8#
130 2.3 18.2 27.4#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.10 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

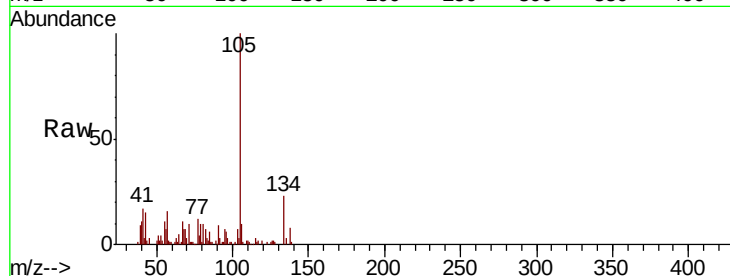
BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:107 Resp: 379

Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.4	111.4#
77	1513.8	33.5	73.5#
79	1230.9	8.3	48.3#

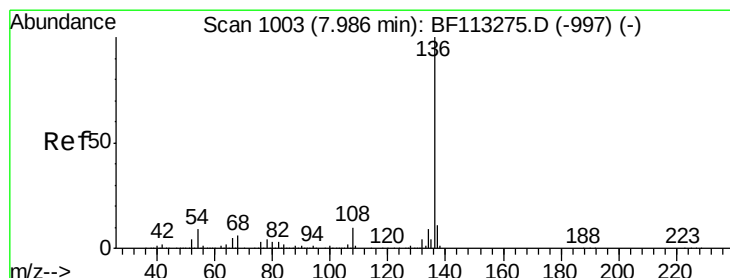
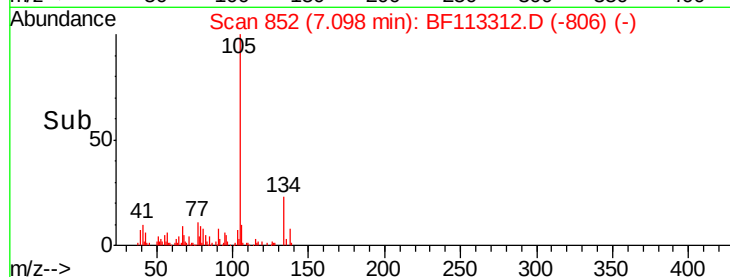
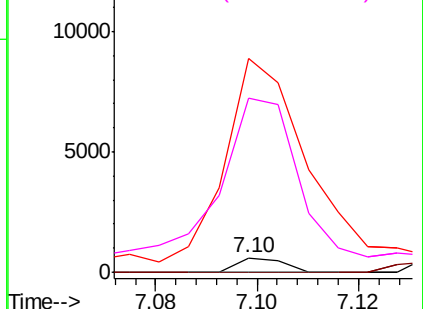


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Tgt Ion:136 Resp: 513324

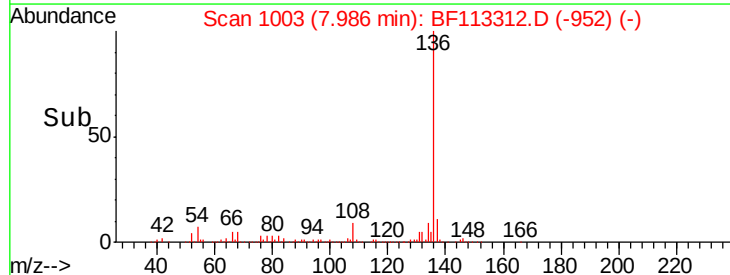
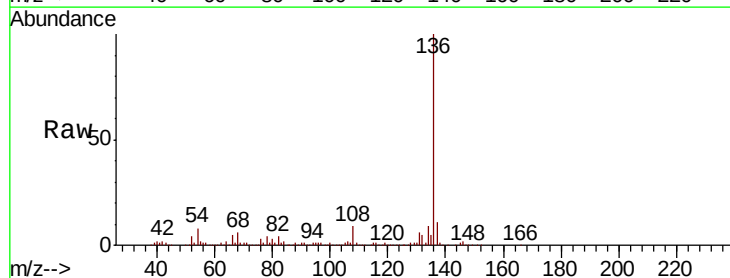
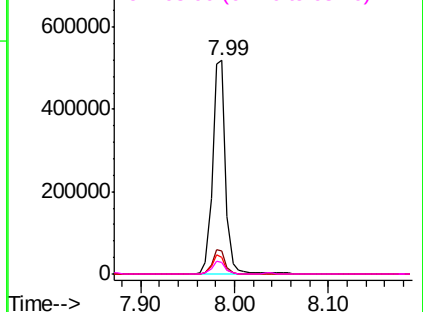
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.6	7.0	10.6
68	5.6	4.8	7.2

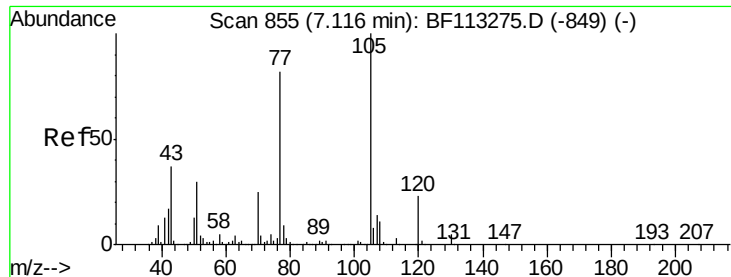
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 5.919 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion: 105 Resp: 69296

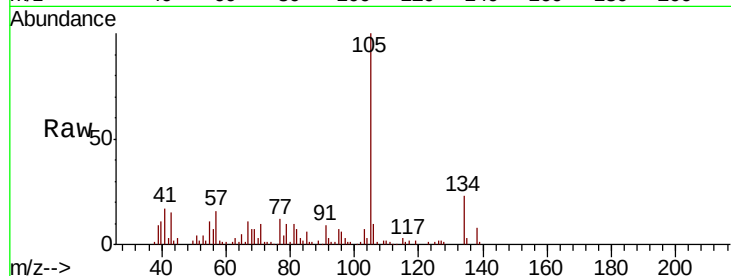
Ion Ratio Lower Upper

105 100

71 9.7 3.3 4.9#

51 4.5 24.2 36.2#

120 0.0 18.1 27.1#

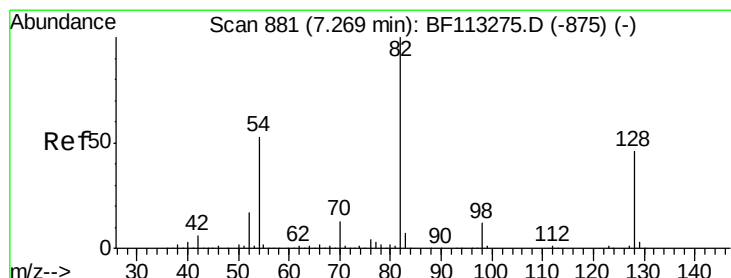
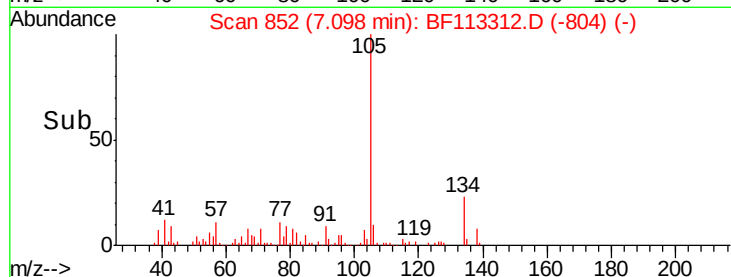
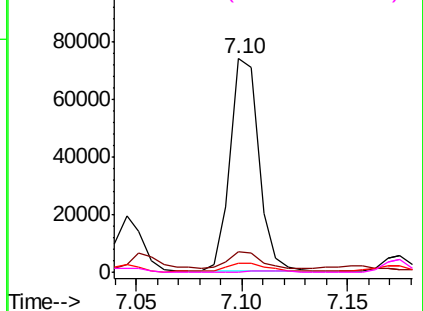


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 94.360 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

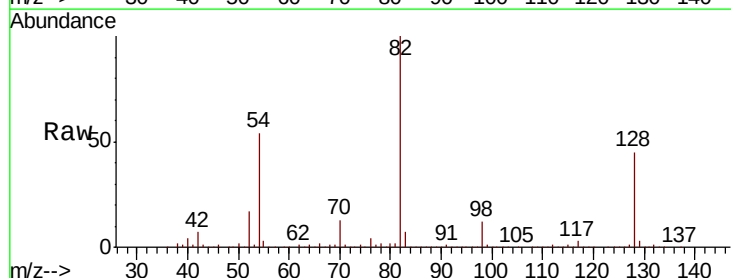
Tgt Ion: 82 Resp: 816072

Ion Ratio Lower Upper

82 100

128 45.0 36.5 54.7

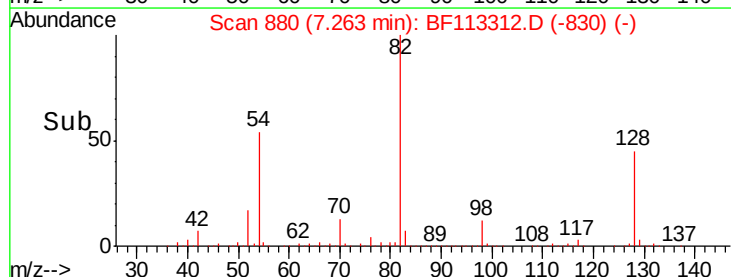
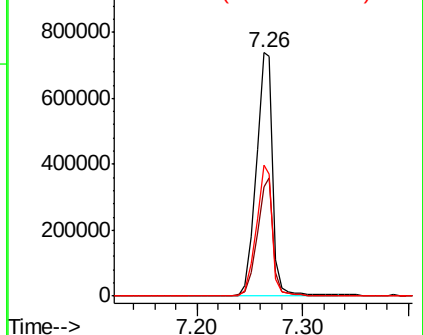
54 53.9 42.2 63.2

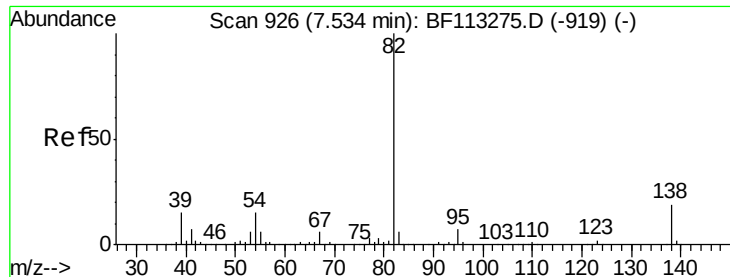


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

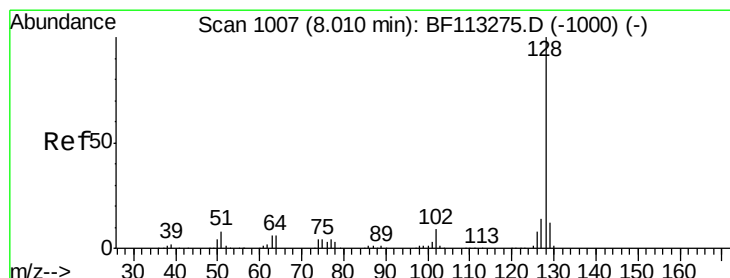
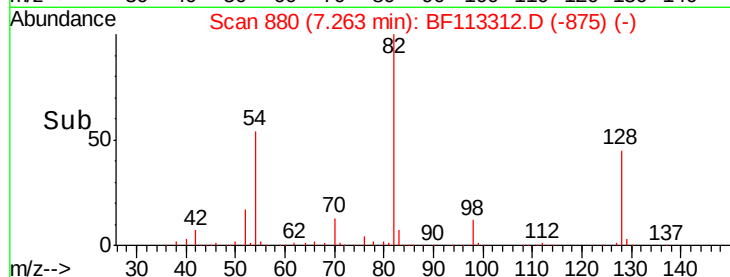
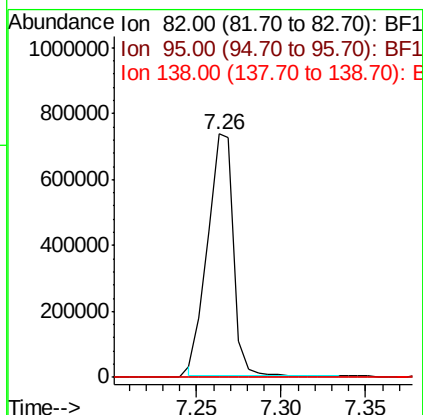
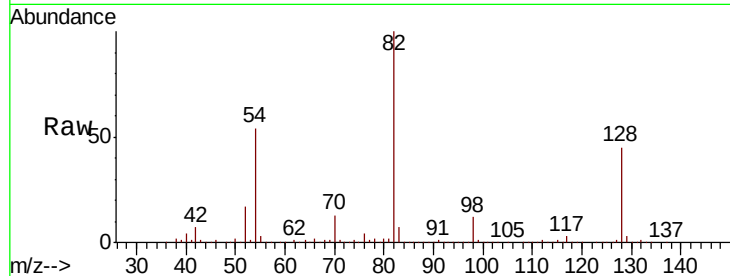




#25
Isophorone
Concen: 47.064 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

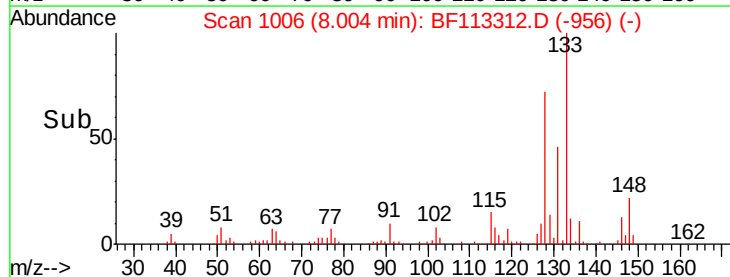
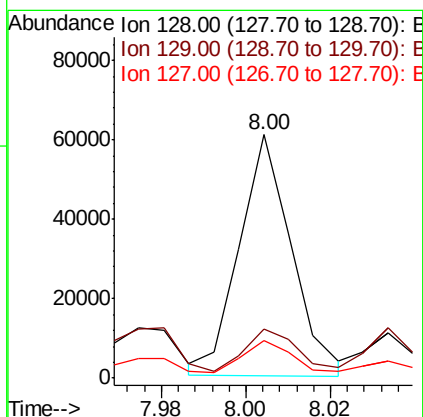
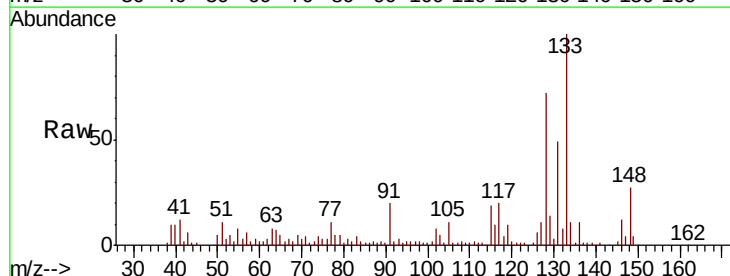
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

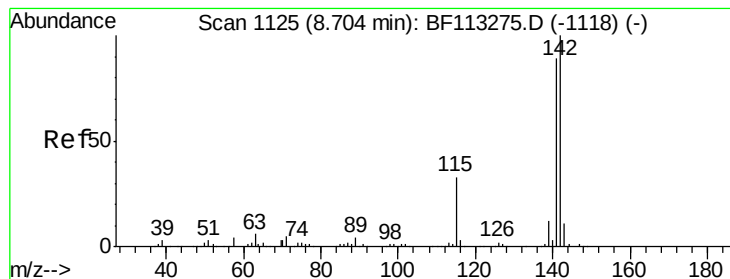
Tgt Ion: 82 Resp: 788820
Ion Ratio Lower Upper
82 100
95 0.2 5.5 8.3#
138 0.0 15.2 22.8#



#31
Naphthalene
Concen: 2.085 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion: 128 Resp: 52293
Ion Ratio Lower Upper
128 100
129 20.0 9.3 13.9#
127 15.4 10.9 16.3





#37

2-Methylnaphthalene

Concen: 4.013 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

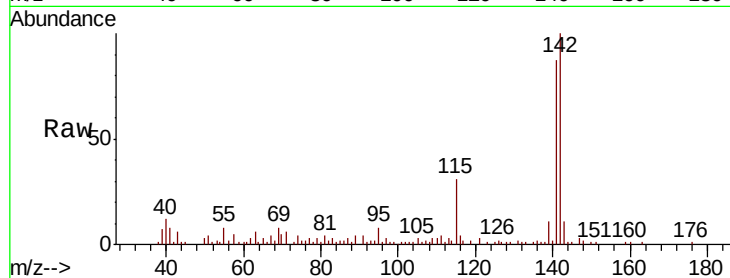
Tgt Ion:142 Resp: 62813

Ion Ratio Lower Upper

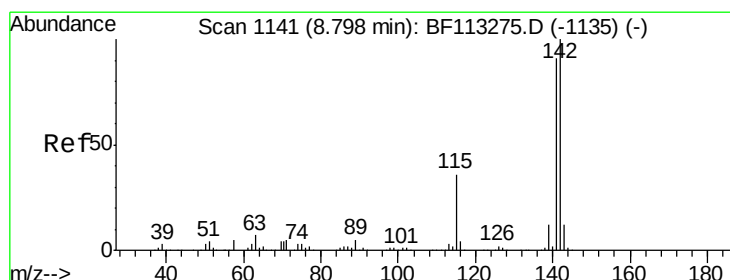
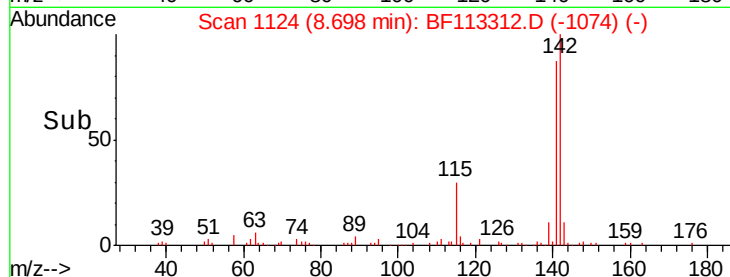
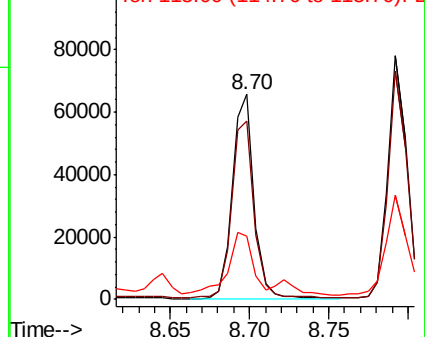
142 100

141 86.9 71.0 106.6

115 30.9 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 4.172 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.10 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

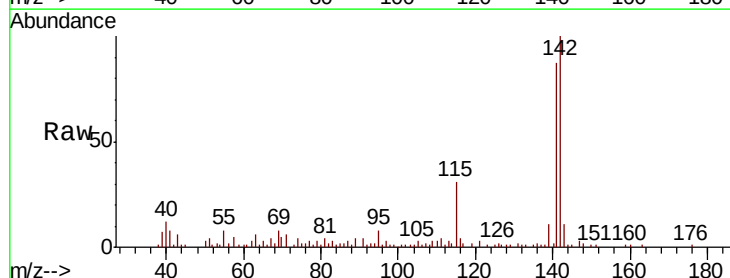
Tgt Ion:142 Resp: 62813

Ion Ratio Lower Upper

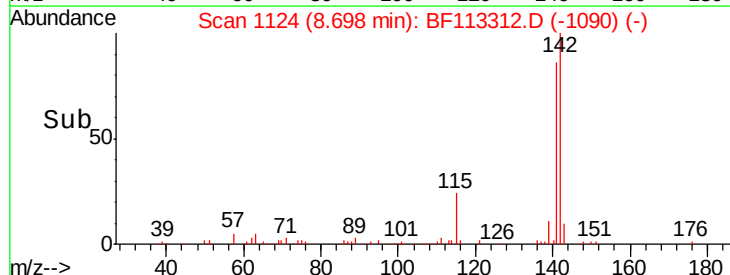
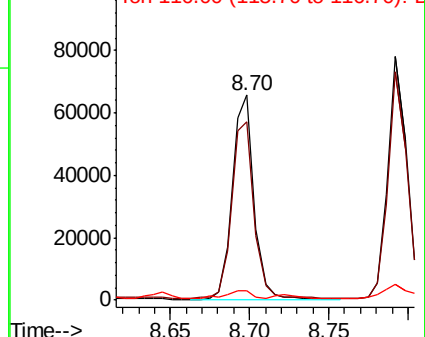
142 100

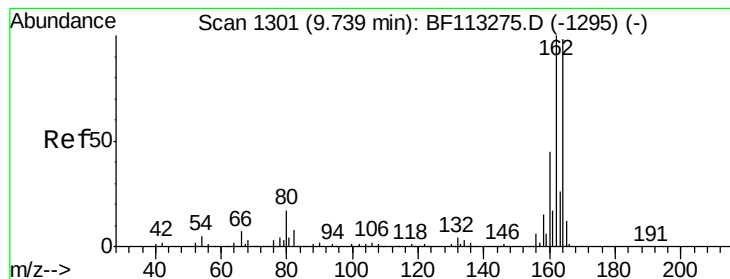
141 86.9 73.2 109.8

116 4.3 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

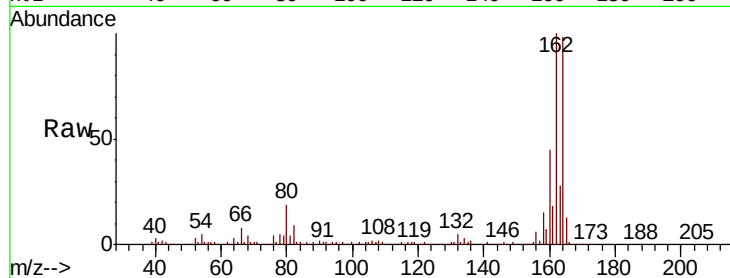
Tgt Ion:164 Resp: 244930

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.6

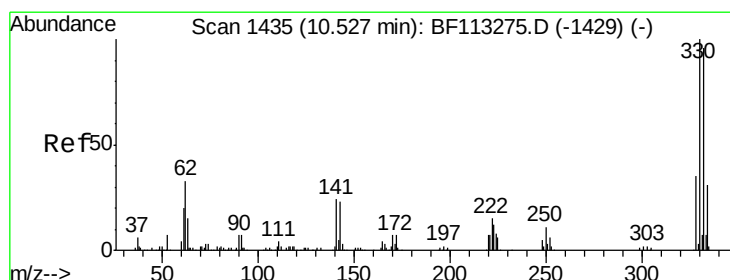
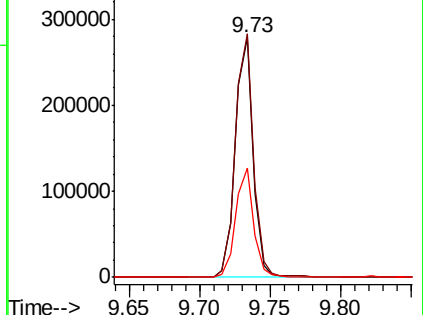
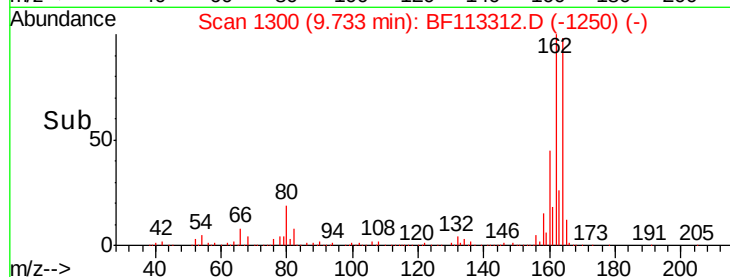
160 45.9 36.4 54.6



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: 81.610 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

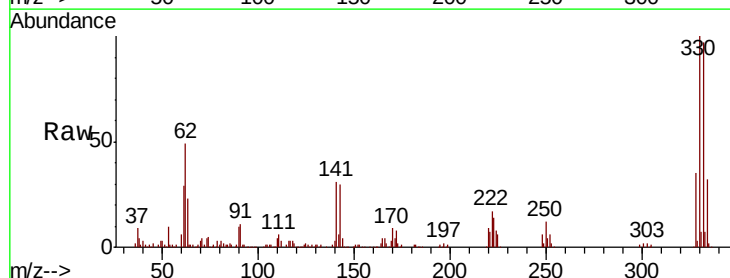
Tgt Ion:330 Resp: 246906

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

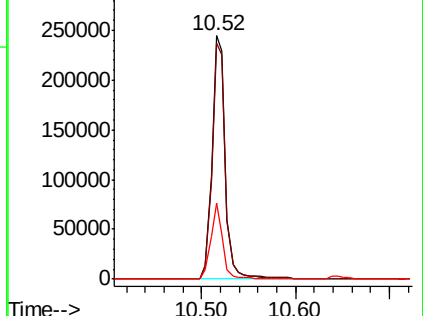
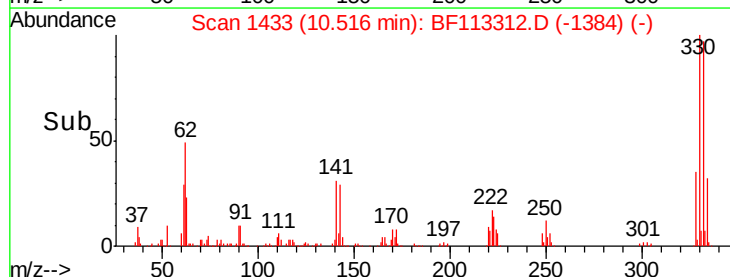
141 28.8 22.7 34.1

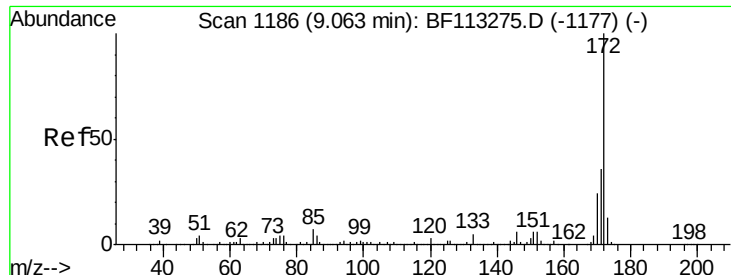


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

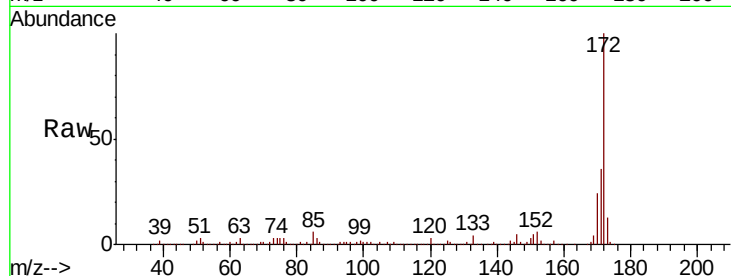




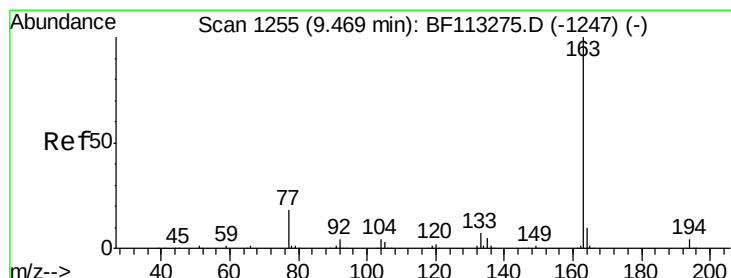
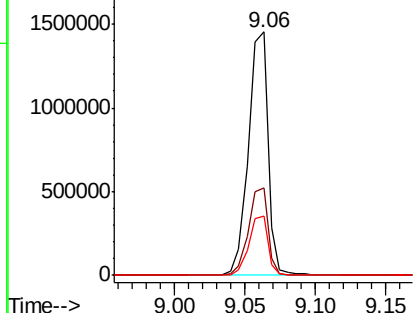
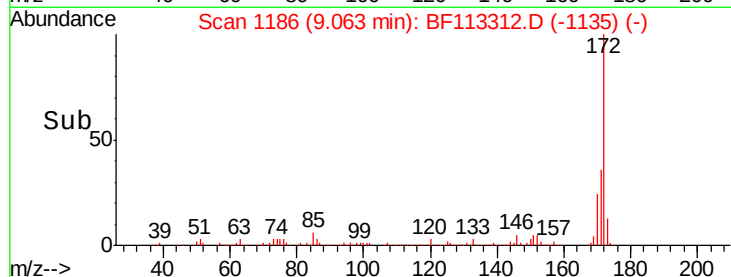
#45
2-Fluorobiphenyl
Concen: 93.250 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:172 Resp: 1430458
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.3 19.5 29.3

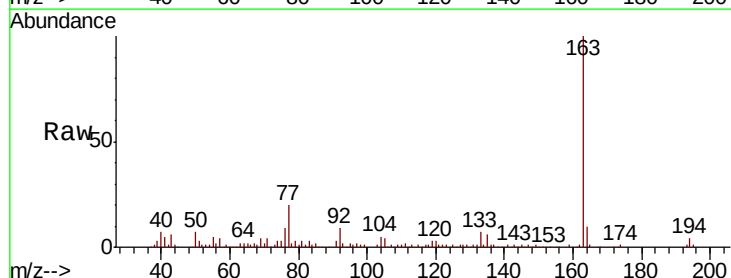


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

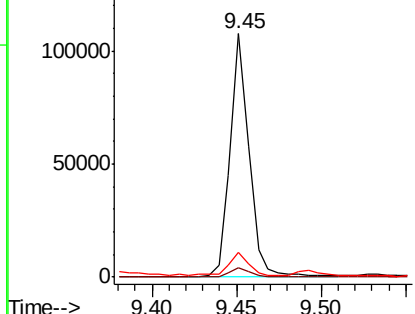
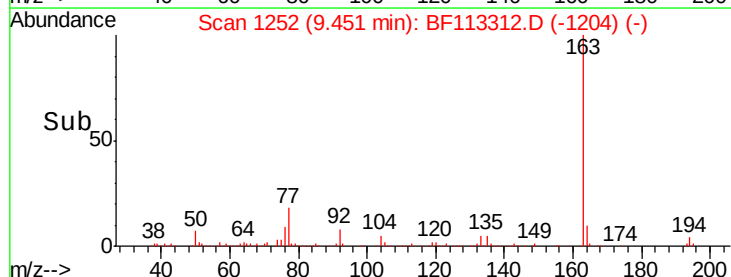


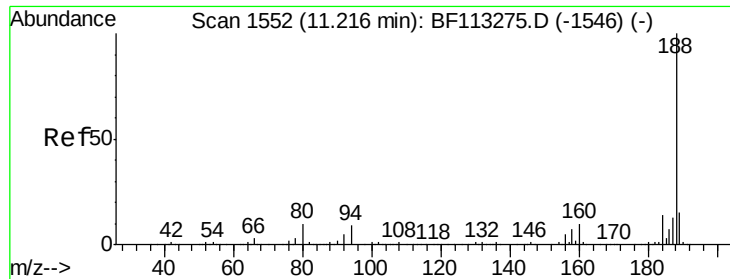
#50
Dimethylphthalate
Concen: 4.668 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113312.D
Acq: 27 Mar 2019 1:18

Tgt Ion:163 Resp: 84737
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
150000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

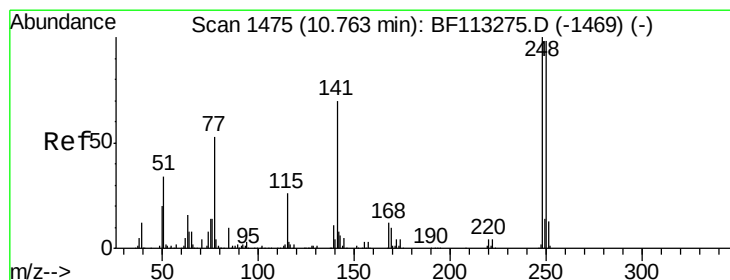
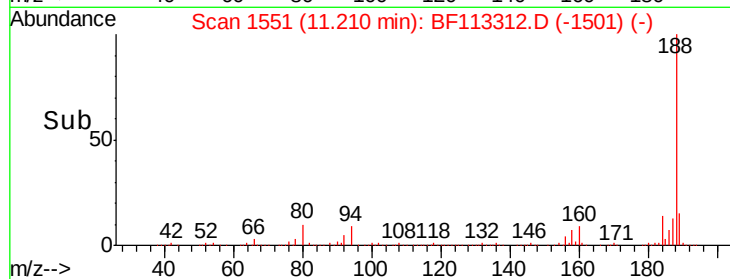
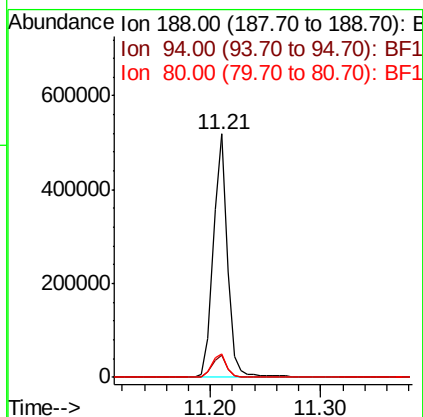
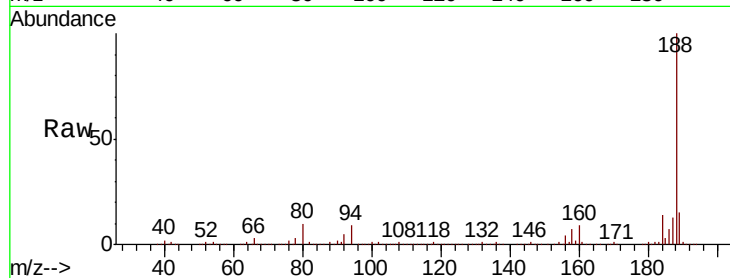




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

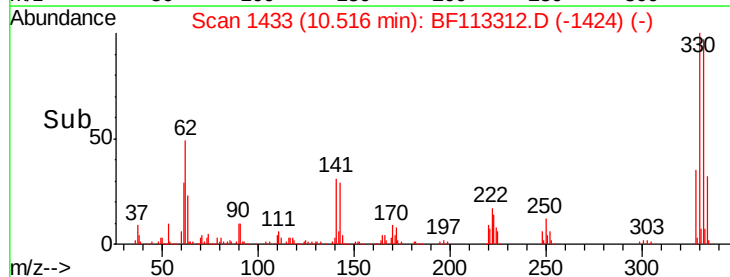
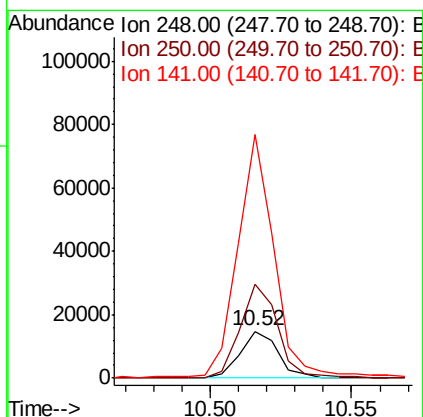
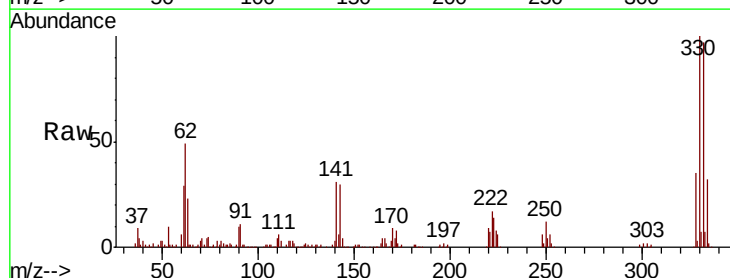
Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

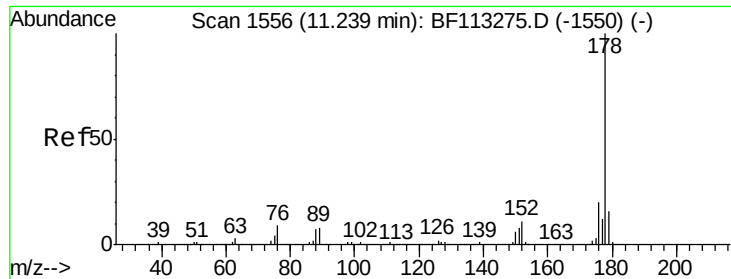
Tgt Ion:188 Resp: 453727
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.0 10.6
 80 9.5 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.735 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

Tgt Ion:248 Resp: 13526
 Ion Ratio Lower Upper
 248 100
 250 200.6 78.3 117.5#
 141 523.9 56.2 84.4#

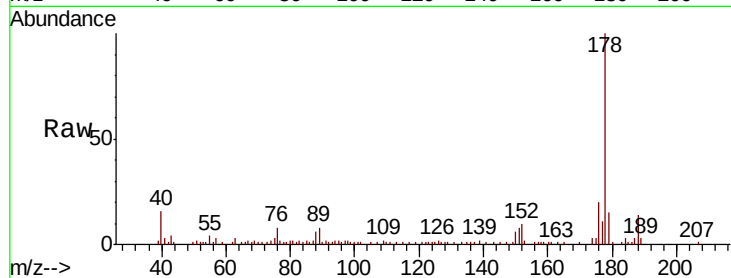




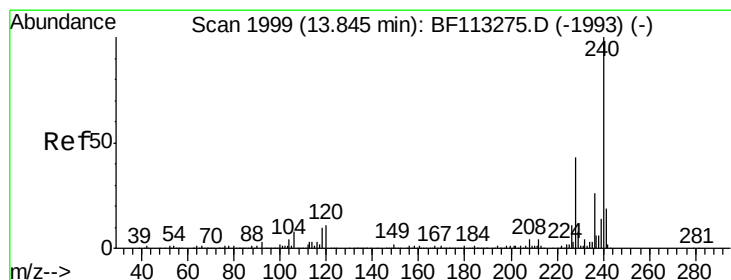
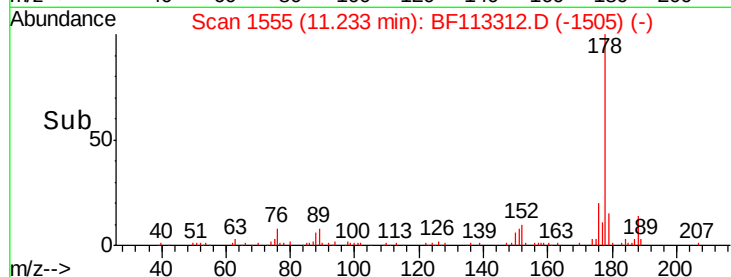
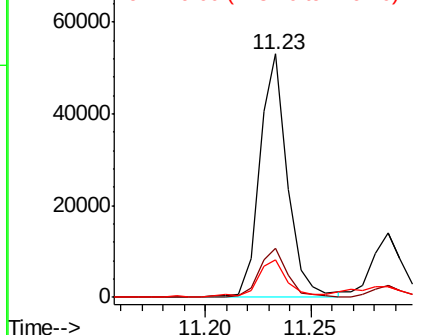
#71
 Phenanthrene
 Concen: 2.153 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-1H-B

Tgt Ion:178 Resp: 48508
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.2
 179 15.4 12.7 19.1

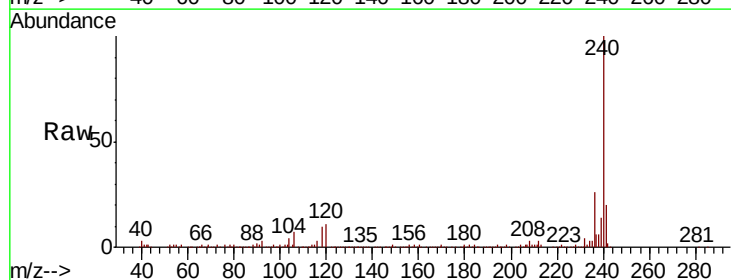


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

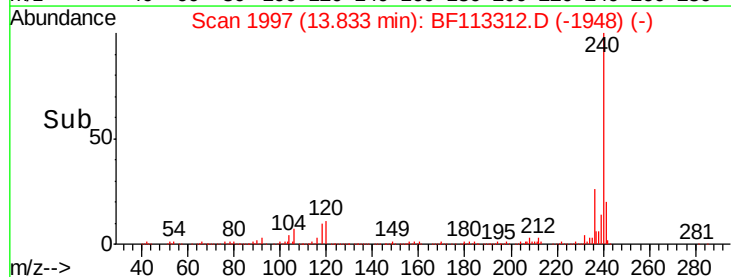
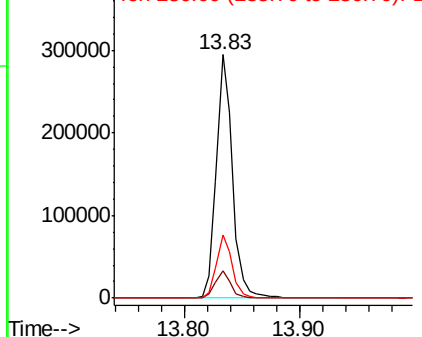


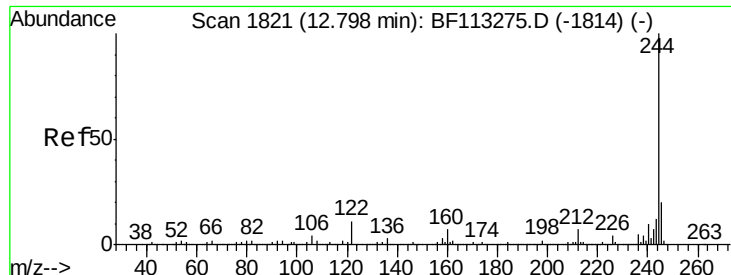
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113312.D
 Acq: 27 Mar 2019 1:18

Tgt Ion:240 Resp: 286652
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.8 13.2
 236 26.1 20.9 31.3



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: 86.785 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-1H-B

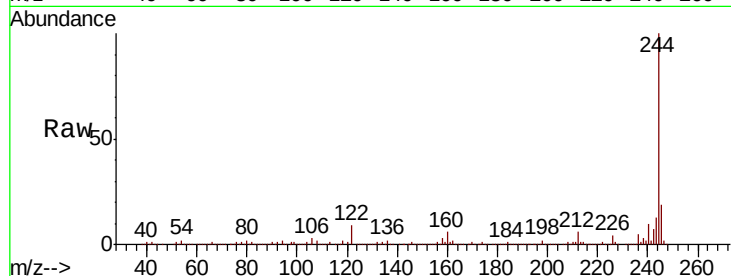
Tgt Ion:244 Resp: 1128640

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

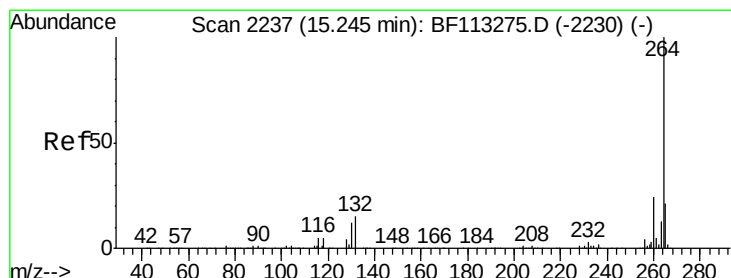
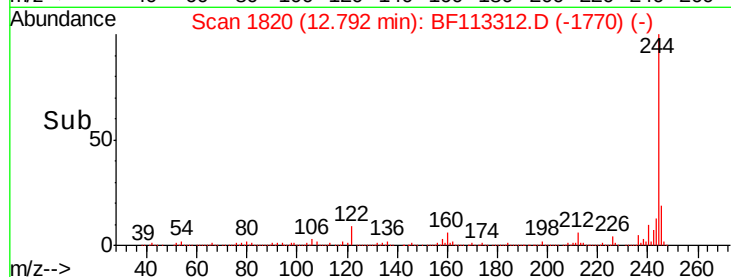
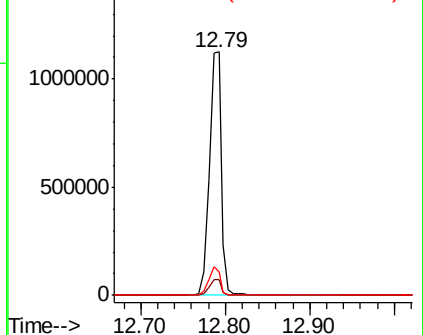
122 9.5 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113312.D

Acq: 27 Mar 2019 1:18

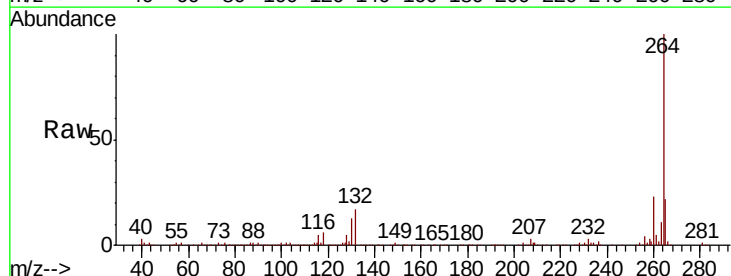
Tgt Ion:264 Resp: 337741

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.7 17.1 25.7



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

