

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113305.D
 Acq On : 26 Mar 2019 21:51
 Operator : JU/SJ
 Sample : K2099-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

Quant Time: Mar 27 05:02:01 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	153498	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	549498	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	256460	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	522182	20.00	ng	0.00
76) Chrysene-d12	13.83	240	354880	20.00	ng	-0.01
87) Perylene-d12	15.23	264	409931	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	417606	44.49	ng	0.00
7) Phenol-d6	6.35	99	350926	29.55	ng	-0.01
23) Nitrobenzene-d5	7.27	82	908370	98.12	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	254054	80.20	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1550782	97.34	ng	0.00
79) Terphenyl-d14	12.79	244	1412957	87.76	ng	0.00

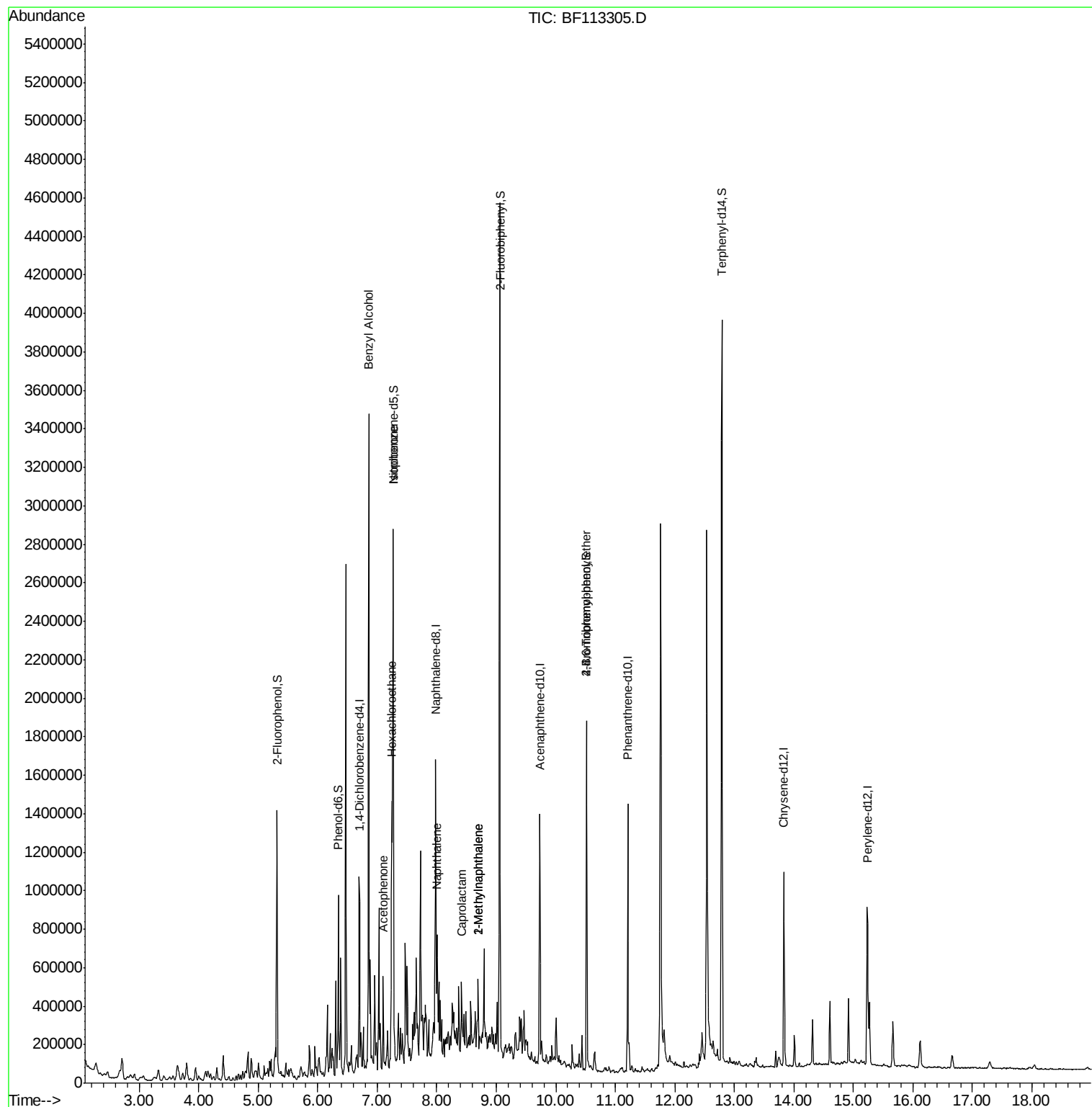
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.86	79	16072	2.051	ng	# 50
18) Hexachloroethane	7.24	117	75222	18.459	ng	# 1
20) 3+4-Methylphenols	7.10	107	920	Below Cal		# 1
22) Acetophenone	7.10	105	106940	8.534	ng	# 54
25) Isophorone	7.27	82	891196	49.672	ng	# 64
31) Naphthalene	8.00	128	97166	3.618	ng	# 96
35) Caprolactam	8.42	113	6605	2.585	ng	# 1
37) 2-Methylnaphthalene	8.70	142	114950	6.861	ng	97
38) 1-Methylnaphthalene	8.70	142	114950	7.133	ng	95
67) 4-Bromophenyl-phenylether	10.52	248	13947	2.451	ng	# 1

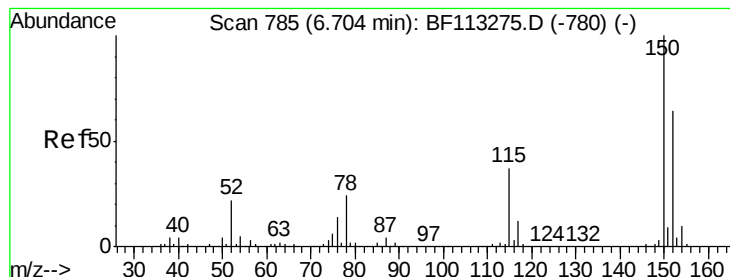
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
Data File : BF113305.D
Acq On : 26 Mar 2019 21:51
Operator : JU/SJ
Sample : K2099-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Quant Time: Mar 27 05:02:01 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

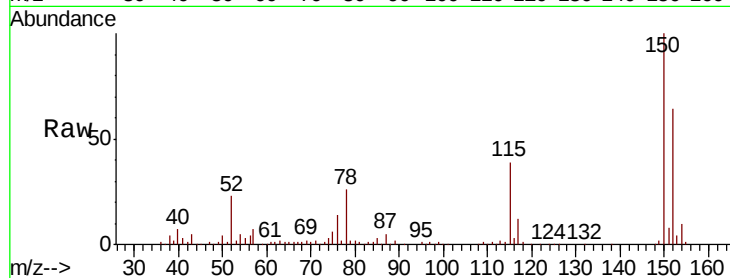




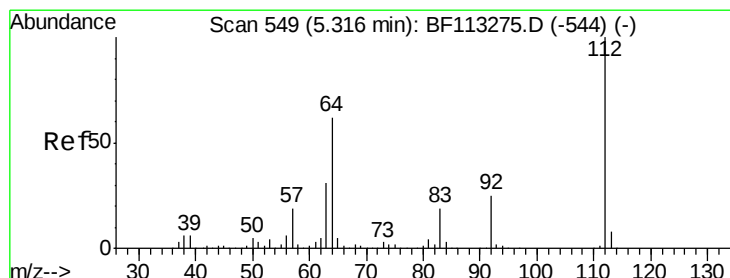
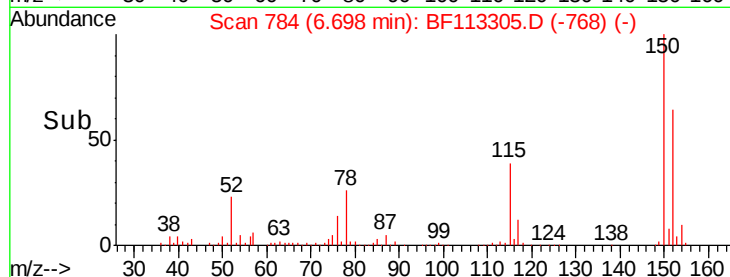
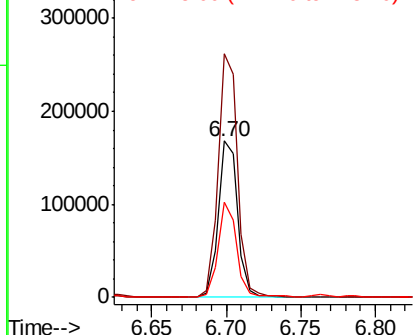
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113305.D
 Acq: 26 Mar 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

Tgt Ion:152 Resp: 153498
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.7 187.1
 115 60.4 46.0 69.0

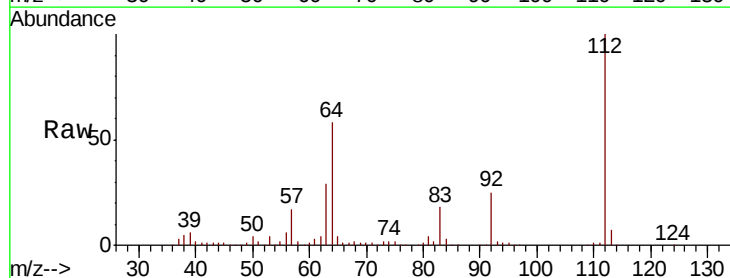


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

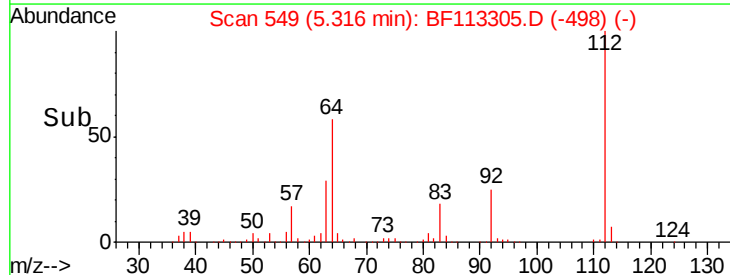
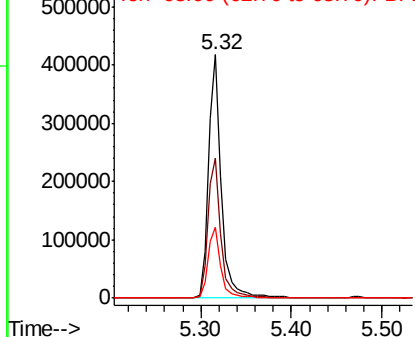


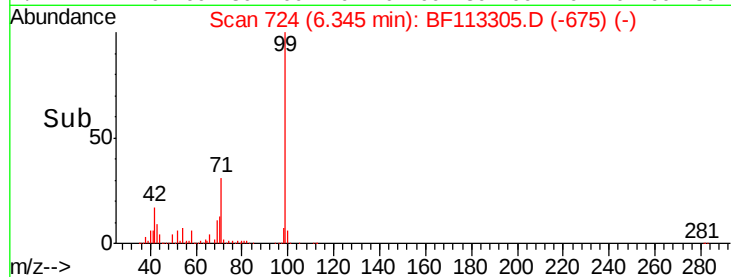
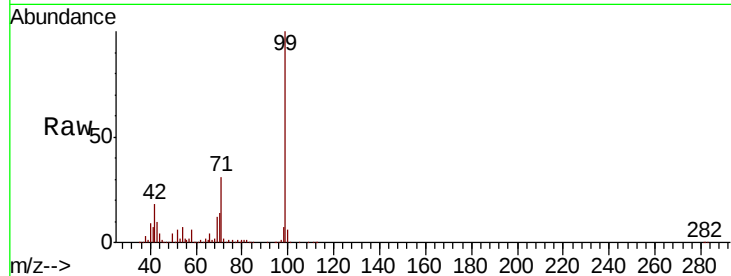
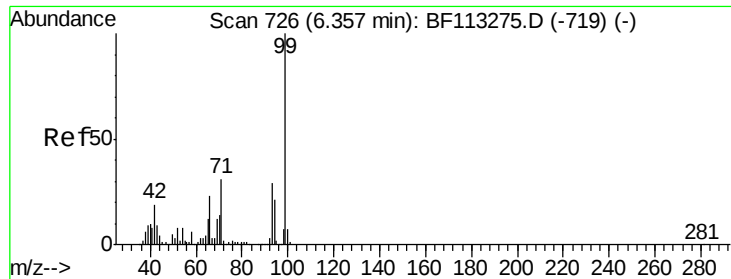
#5
 2-Fluorophenol
 Concen: 44.485 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113305.D
 Acq: 26 Mar 2019 21:51

Tgt Ion:112 Resp: 417606
 Ion Ratio Lower Upper
 112 100
 64 57.7 49.2 73.8
 63 28.9 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: 29.550 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113305.D

Acq: 26 Mar 2019 21:51

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

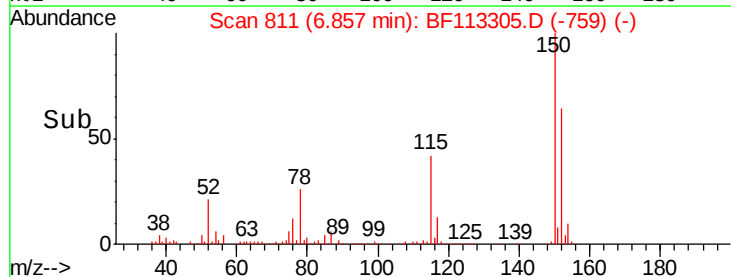
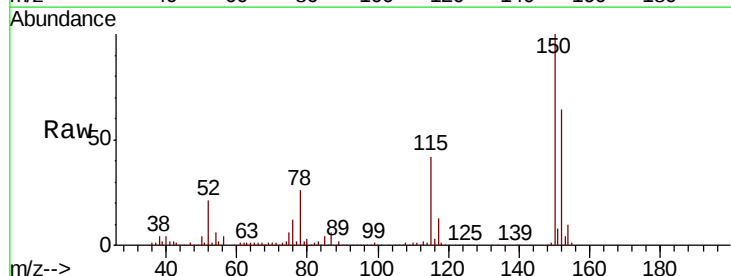
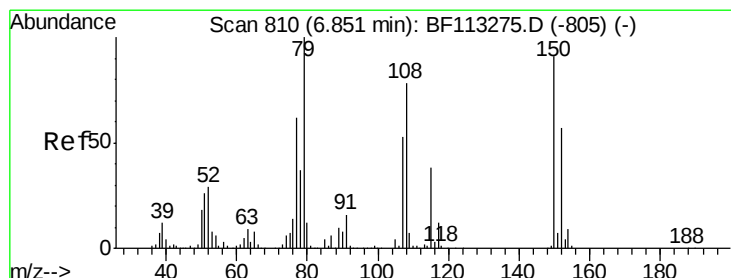
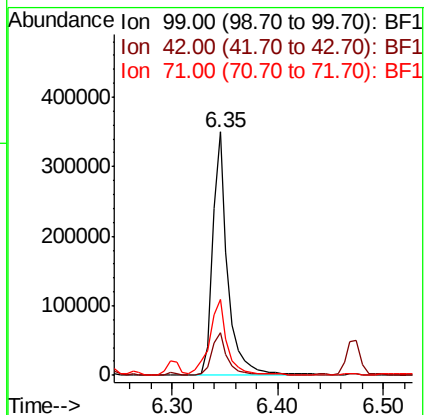
Tgt Ion: 99 Resp: 350926

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

71 31.3 24.9 37.3



#15

Benzyl Alcohol

Concen: 2.051 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113305.D

Acq: 26 Mar 2019 21:51

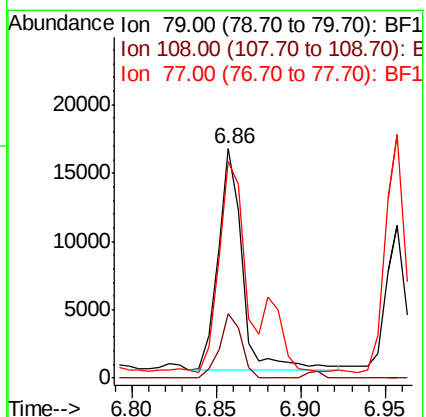
Tgt Ion: 79 Resp: 16072

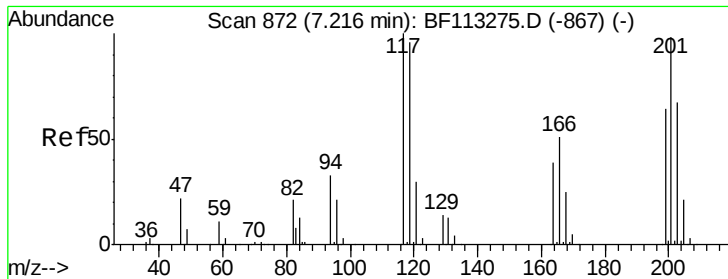
Ion Ratio Lower Upper

79 100

108 27.8 62.0 93.0#

77 94.5 49.9 74.9#

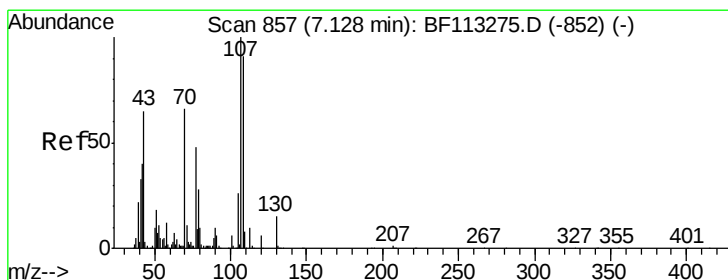
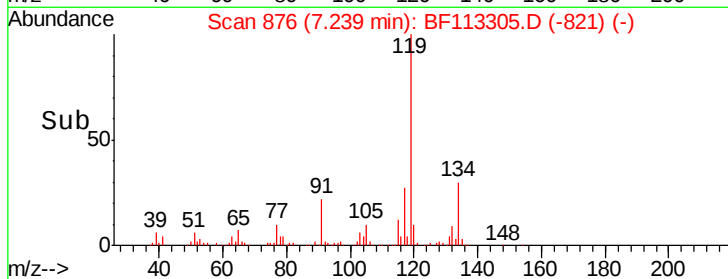
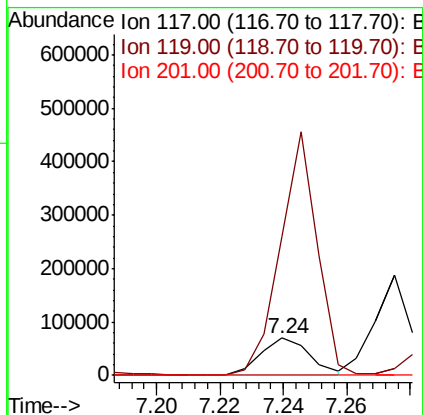
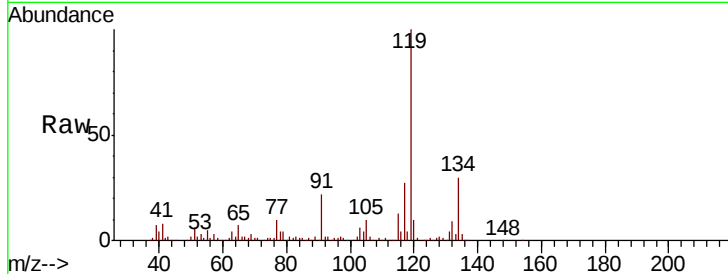




#18
Hexachloroethane
Concen: 18.459 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

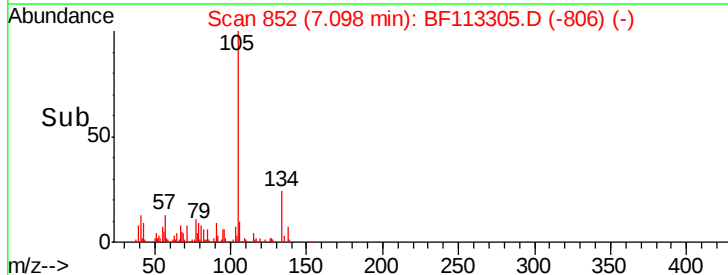
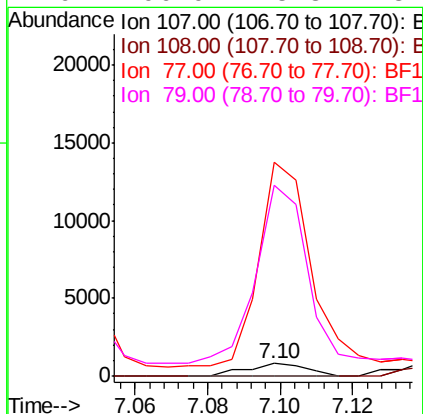
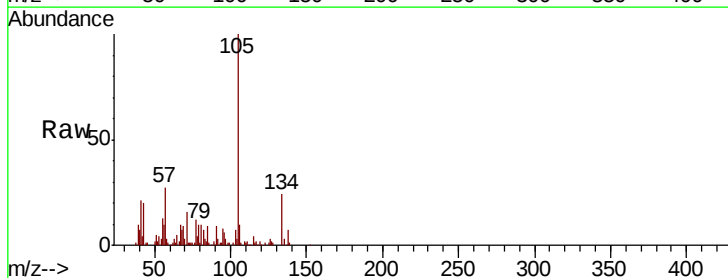
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

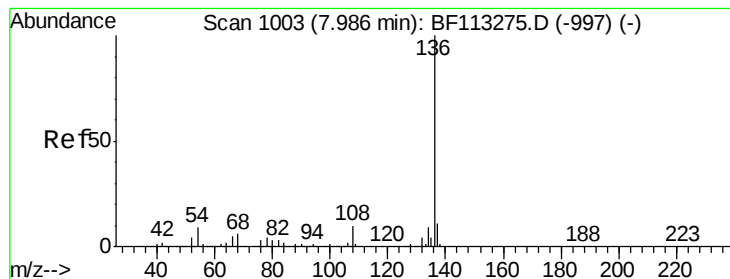
Tgt Ion:117 Resp: 75222
Ion Ratio Lower Upper
117 100
119 372.8 76.9 115.3#
201 0.0 78.7 118.1#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.10 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

Tgt Ion:107 Resp: 920
Ion Ratio Lower Upper
107 100
108 0.0 71.4 111.4#
77 1677.7 33.5 73.5#
79 1496.9 8.3 48.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113305.D

Acq: 26 Mar 2019 21:51

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

Tgt Ion:136 Resp: 549498

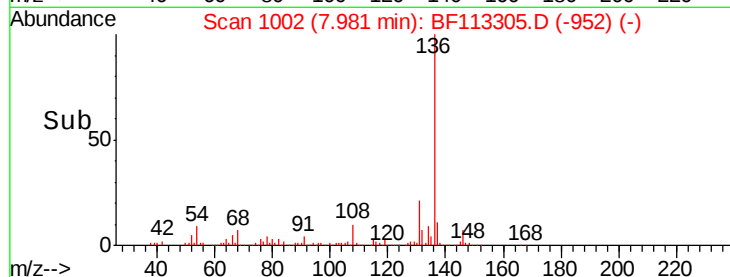
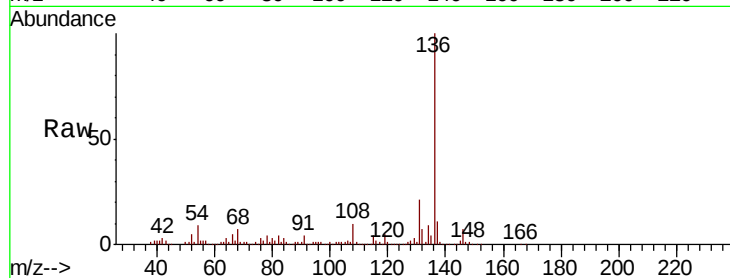
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.0 7.0 10.6

68 6.8 4.8 7.2

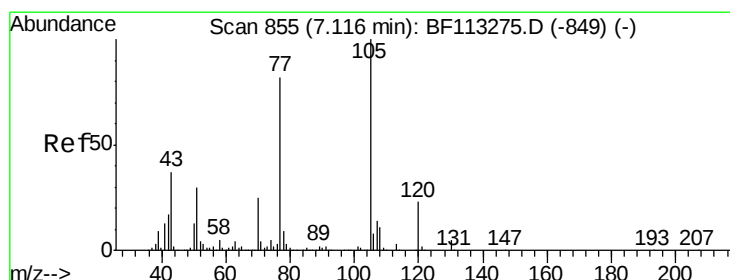
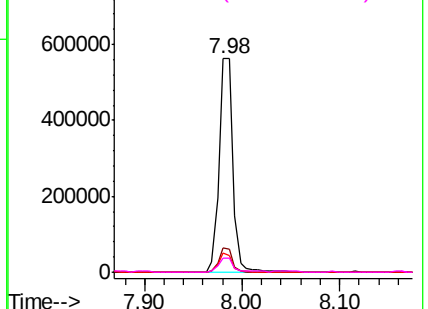


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.534 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF113305.D

Acq: 26 Mar 2019 21:51

Tgt Ion:105 Resp: 106940

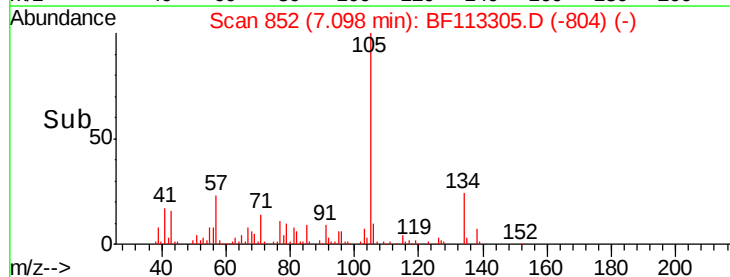
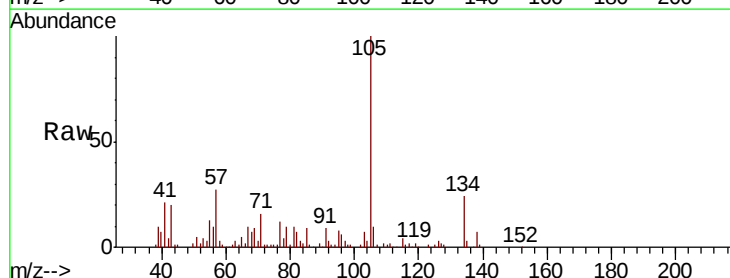
Ion Ratio Lower Upper

105 100

71 15.6 3.3 4.9#

51 4.7 24.2 36.2#

120 0.4 18.1 27.1#

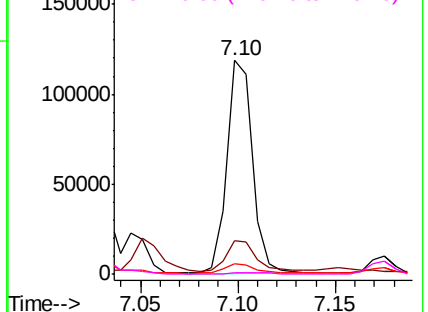


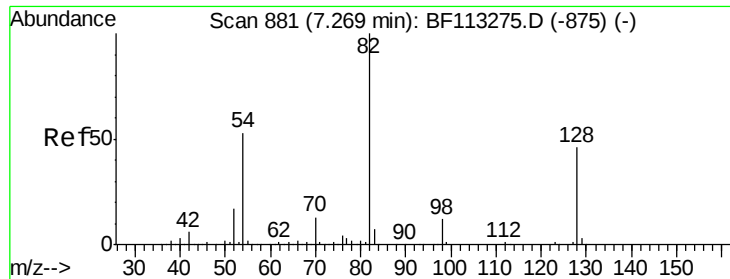
Abundance Ion 105.00 (104.70 to 105.70): E

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

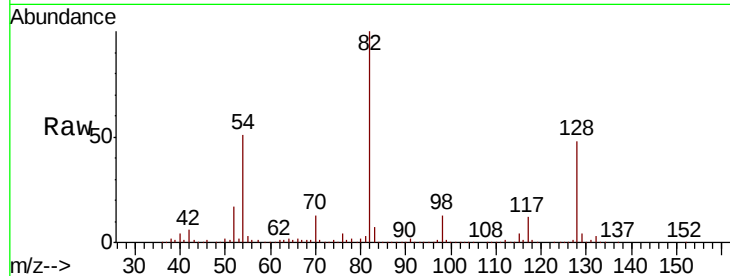




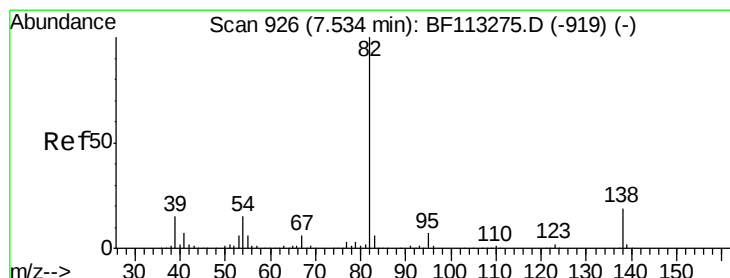
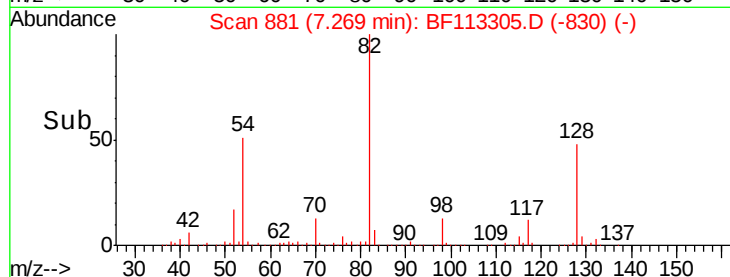
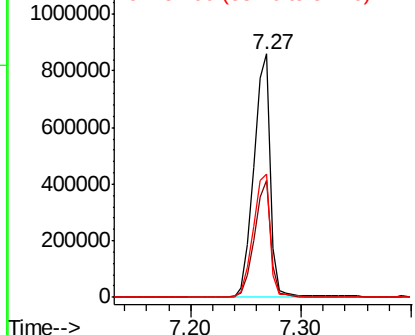
#23
Nitrobenzene-d5
Concen: 98.118 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Tgt Ion: 82 Resp: 908370
Ion Ratio Lower Upper
82 100
128 48.2 36.5 54.7
54 50.7 42.2 63.2

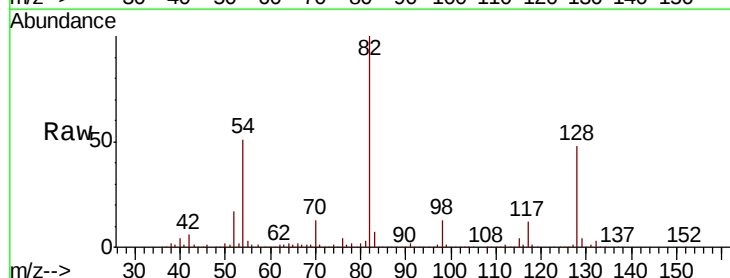


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

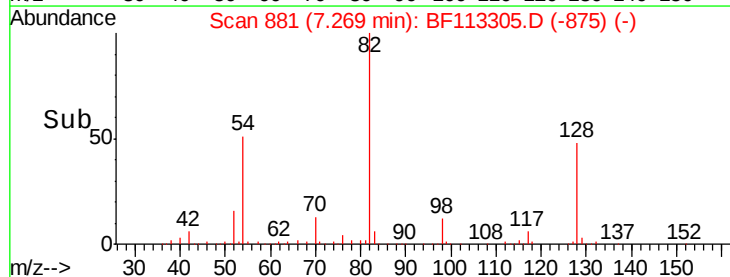
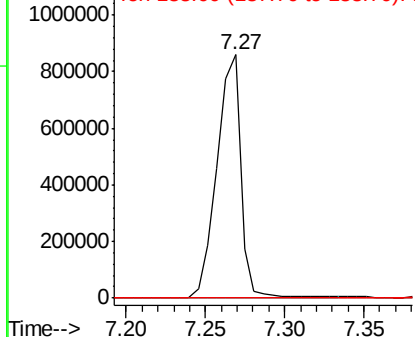


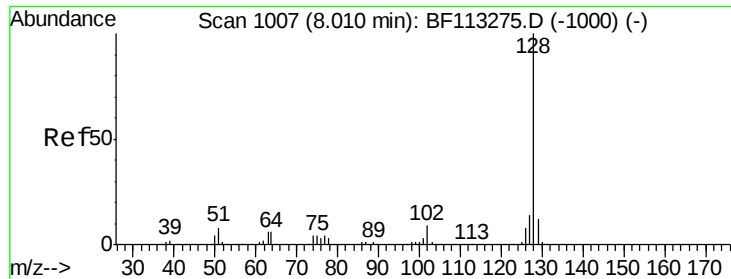
#25
Isophorone
Concen: 49.672 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.26 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

Tgt Ion: 82 Resp: 891196
Ion Ratio Lower Upper
82 100
95 0.3 5.5 8.3#
138 0.0 15.2 22.8#



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

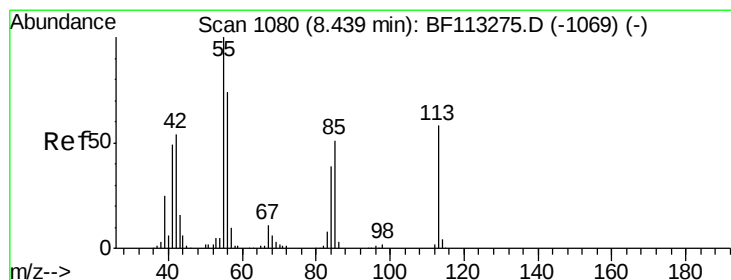
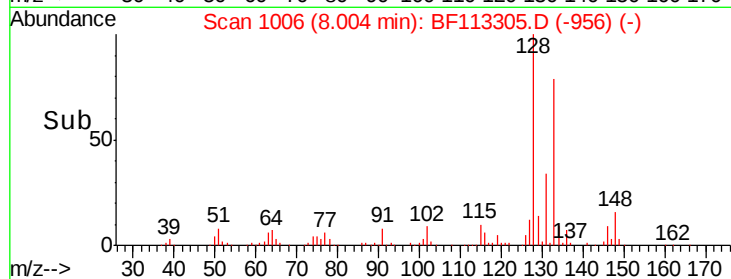
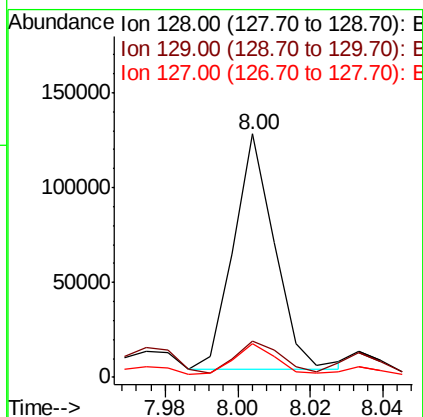
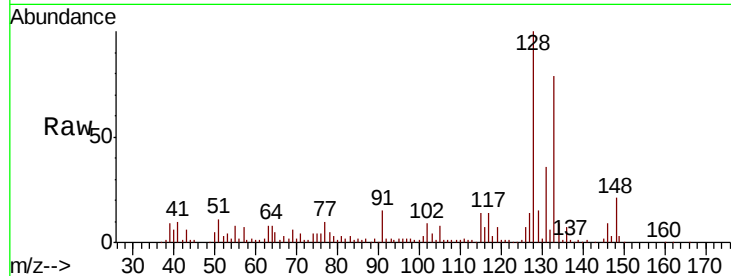




#31
Naphthalene
Concen: 3.618 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

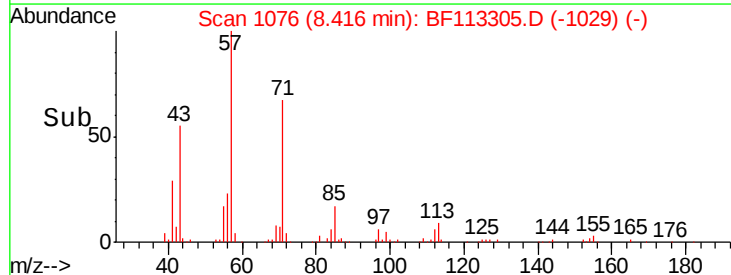
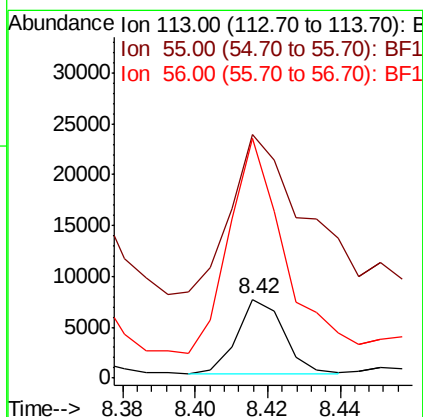
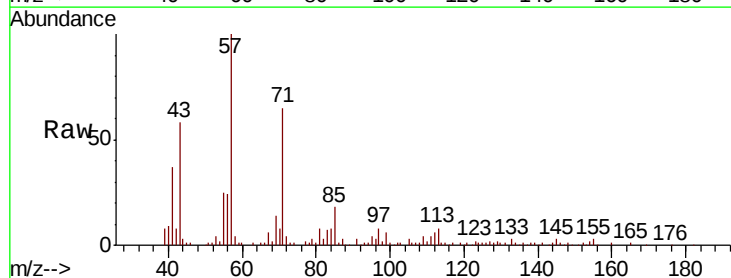
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

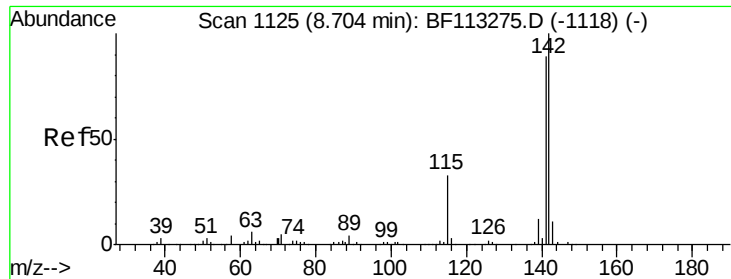
Tgt Ion:128 Resp: 97166
Ion Ratio Lower Upper
128 100
129 15.0 9.3 13.9#
127 13.7 10.9 16.3



#35
Caprolactam
Concen: 2.585 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.02 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

Tgt Ion:113 Resp: 6605
Ion Ratio Lower Upper
113 100
55 308.9 152.7 192.7#
56 303.4 108.3 148.3#

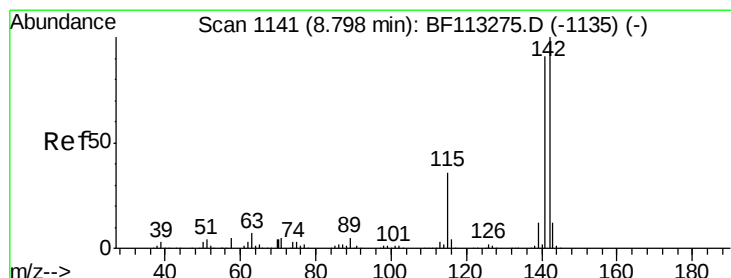
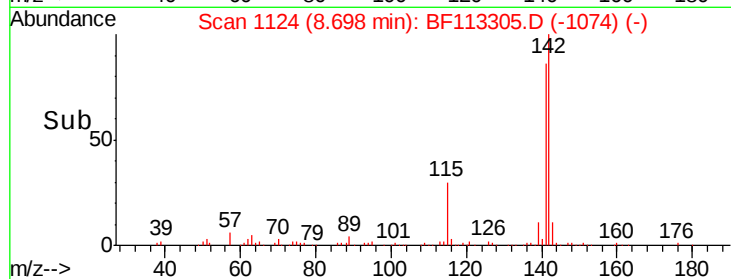
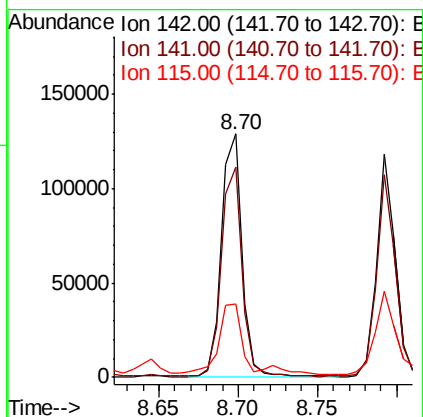
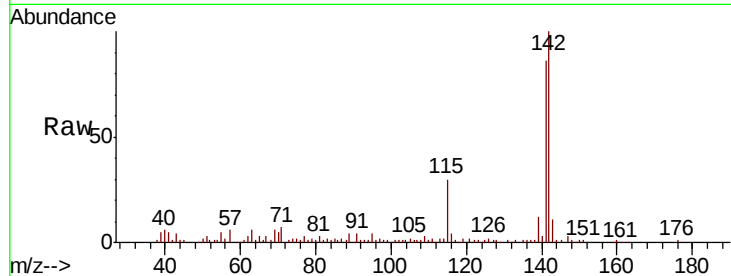




#37
2-Methylnaphthalene
Concen: 6.861 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

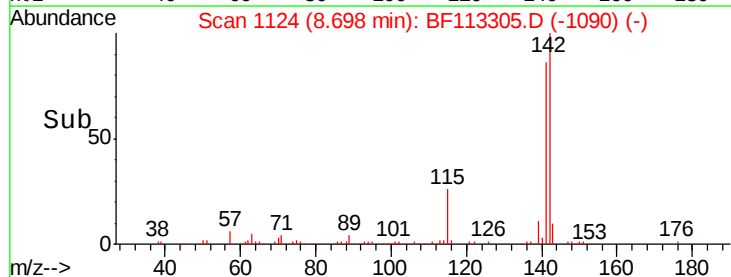
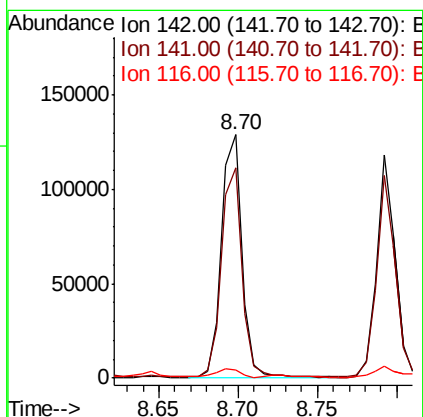
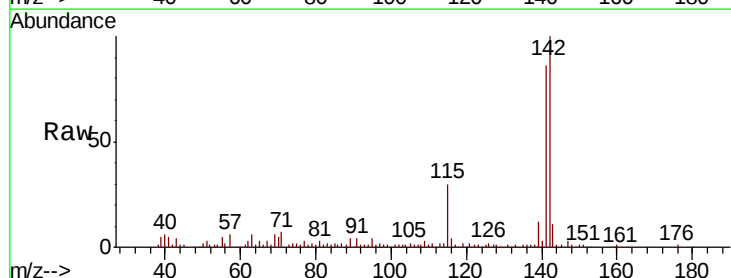
Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

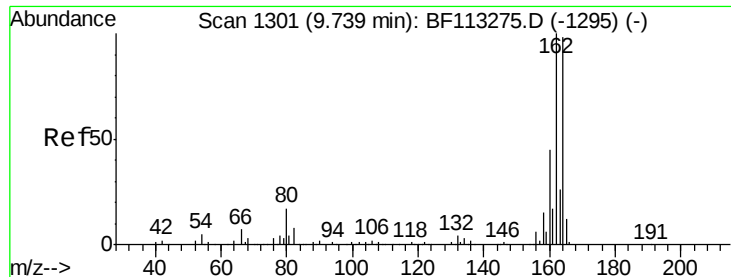
Tgt Ion:142 Resp: 114950
Ion Ratio Lower Upper
142 100
141 86.3 71.0 106.6
115 30.3 26.6 39.8



#38
1-Methylnaphthalene
Concen: 7.133 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.10 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

Tgt Ion:142 Resp: 114950
Ion Ratio Lower Upper
142 100
141 86.3 73.2 109.8
116 3.6 3.0 4.4

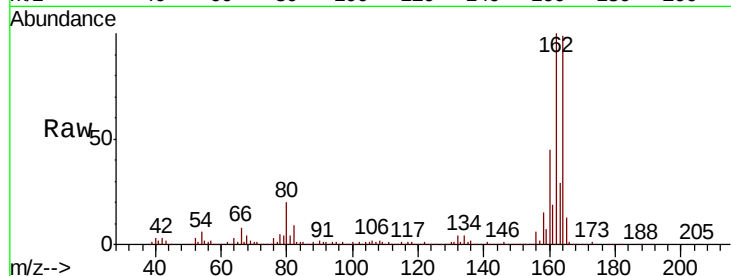




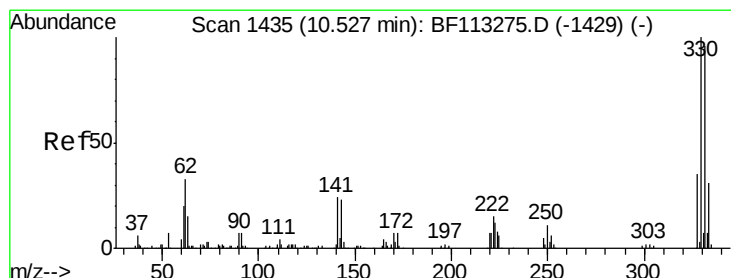
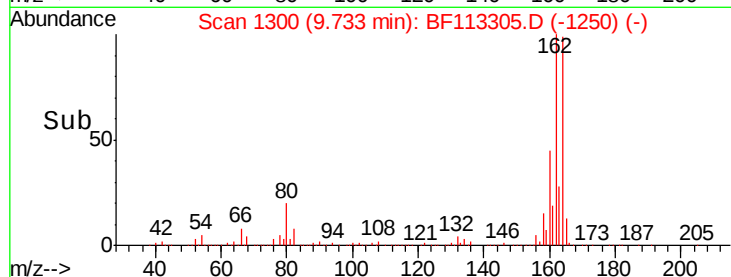
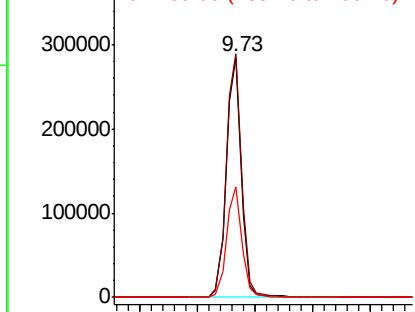
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

Instrument :
BNA_F
ClientSampleId :
SHORE-RD-CLVRT-STLD-2H-A

Tgt Ion:164 Resp: 256460
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 45.9 36.4 54.6

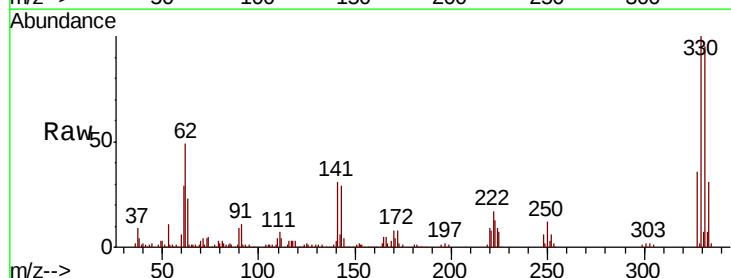


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

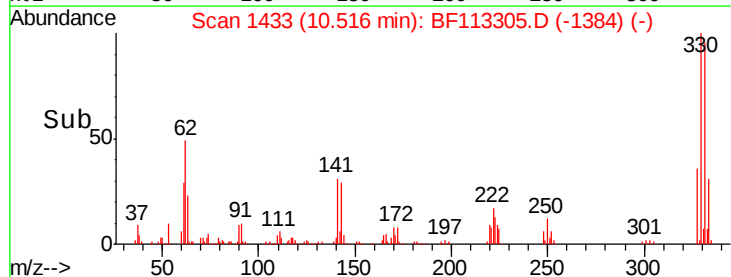
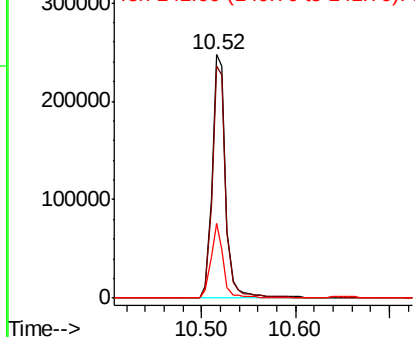


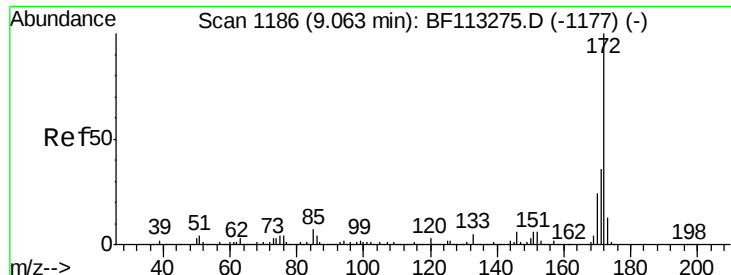
#42
2,4,6-Tribromophenol
Concen: 80.197 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF113305.D
Acq: 26 Mar 2019 21:51

Tgt Ion:330 Resp: 254054
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.6
141 27.4 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

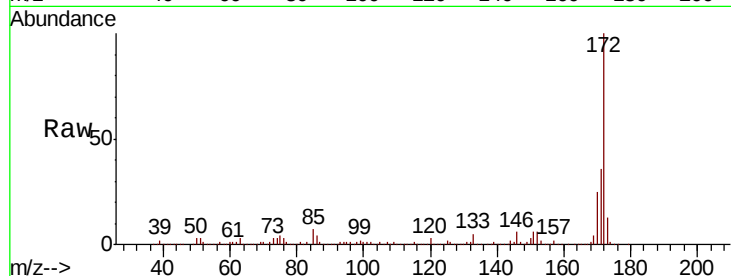




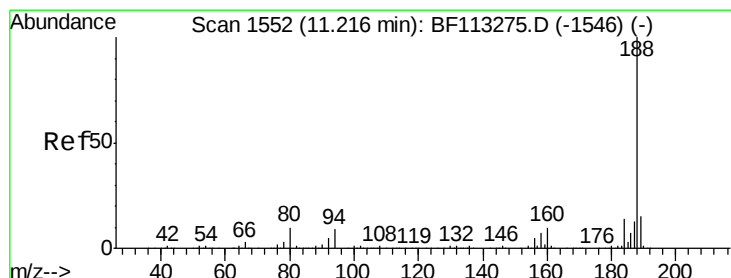
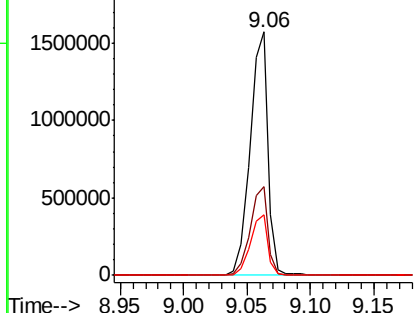
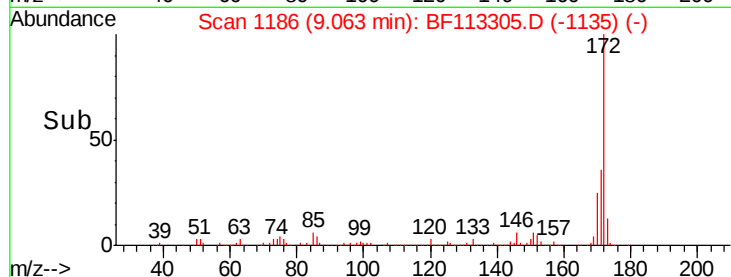
#45
 2-Fluorobiphenyl
 Concen: 97.336 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113305.D
 Acq: 26 Mar 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

Tgt Ion:172 Resp: 1550782
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.8 19.5 29.3

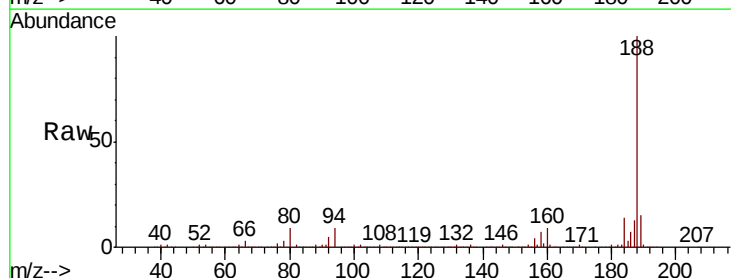


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

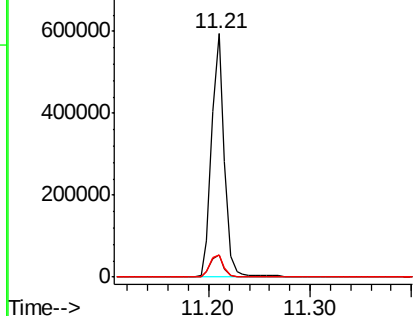
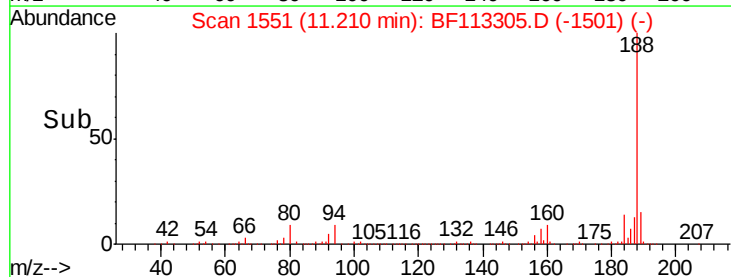


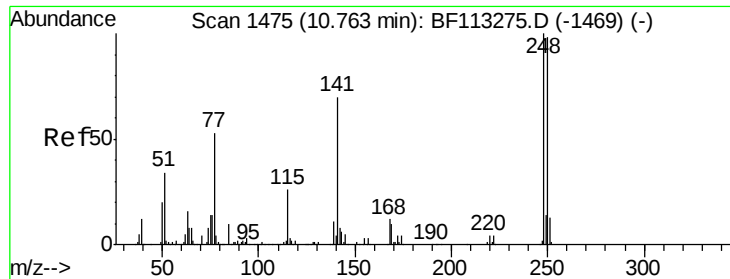
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113305.D
 Acq: 26 Mar 2019 21:51

Tgt Ion:188 Resp: 522182
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.0 10.6
 80 9.3 7.7 11.5



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

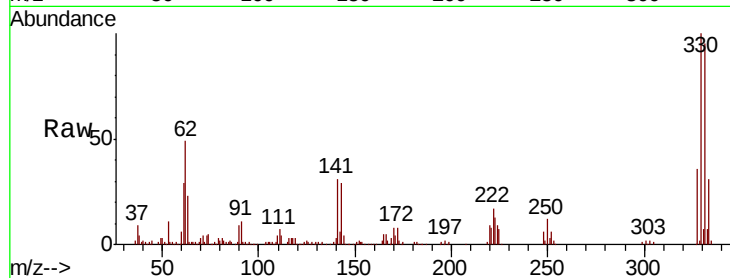




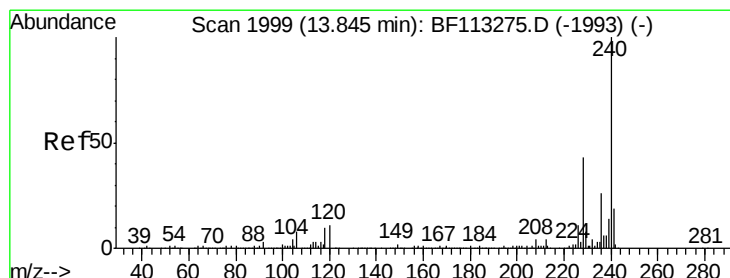
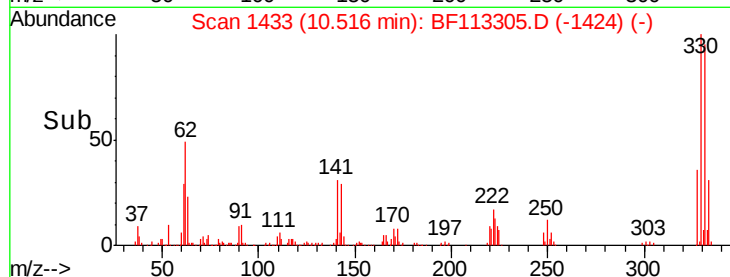
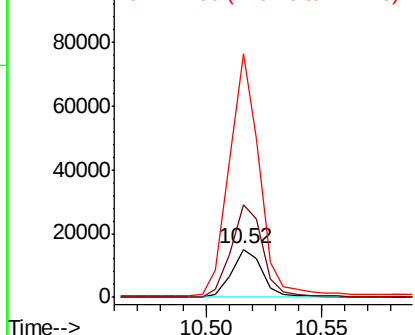
#67
 4-Bromophenyl-phenylether
 Concen: 2.451 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF113305.D
 Acq: 26 Mar 2019 21:51

Instrument :
 BNA_F
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-2H-A

Tgt Ion:248 Resp: 13947
 Ion Ratio Lower Upper
 248 100
 250 190.2 78.3 117.5#
 141 503.5 56.2 84.4#

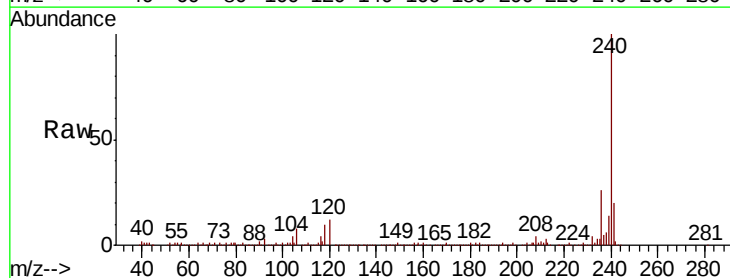


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

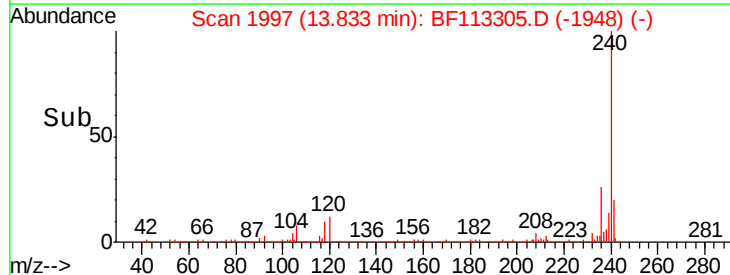
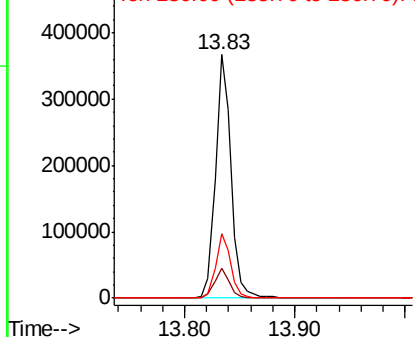


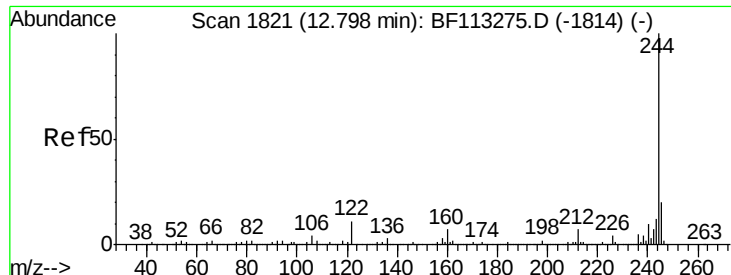
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113305.D
 Acq: 26 Mar 2019 21:51

Tgt Ion:240 Resp: 354880
 Ion Ratio Lower Upper
 240 100
 120 12.3 8.8 13.2
 236 26.5 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: 87.759 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113305.D

Acq: 26 Mar 2019 21:51

Instrument :

BNA_F

ClientSampleId :

SHORE-RD-CLVRT-STLD-2H-A

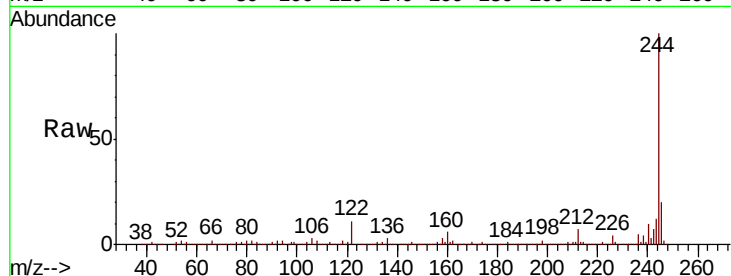
Tgt Ion:244 Resp: 1412957

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

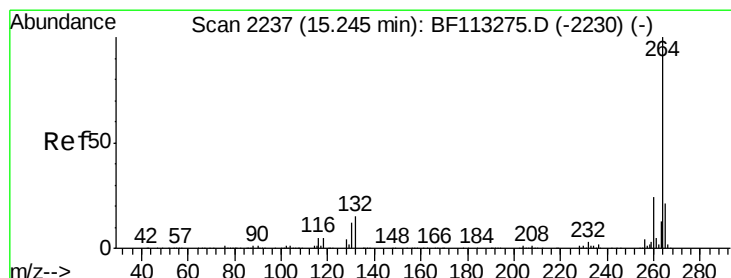
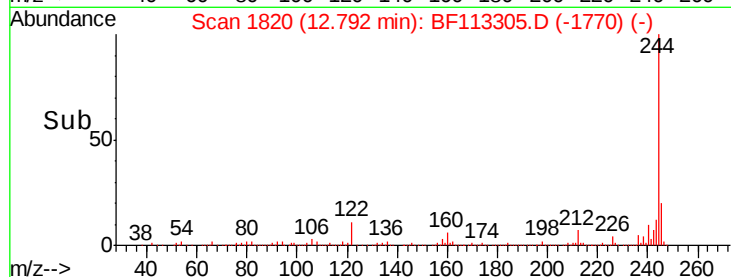
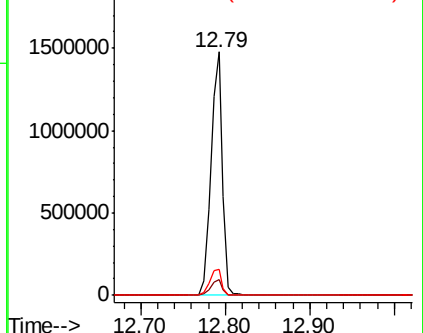
122 10.9 8.6 13.0



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: BF113305.D

Acq: 26 Mar 2019 21:51

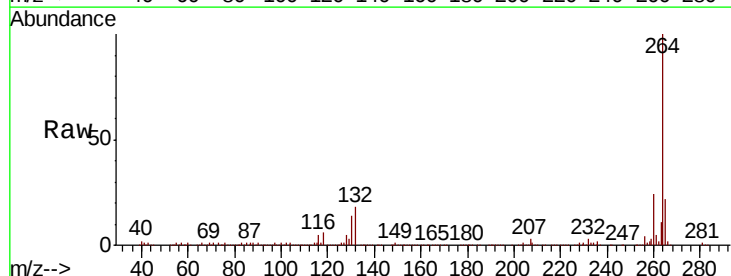
Tgt Ion:264 Resp: 409931

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 22.2 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

