

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113533.D
 Acq On : 3 Apr 2019 5:47
 Operator : JU/SJ
 Sample : K2186-22
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Quant Time: Apr 03 08:01:54 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

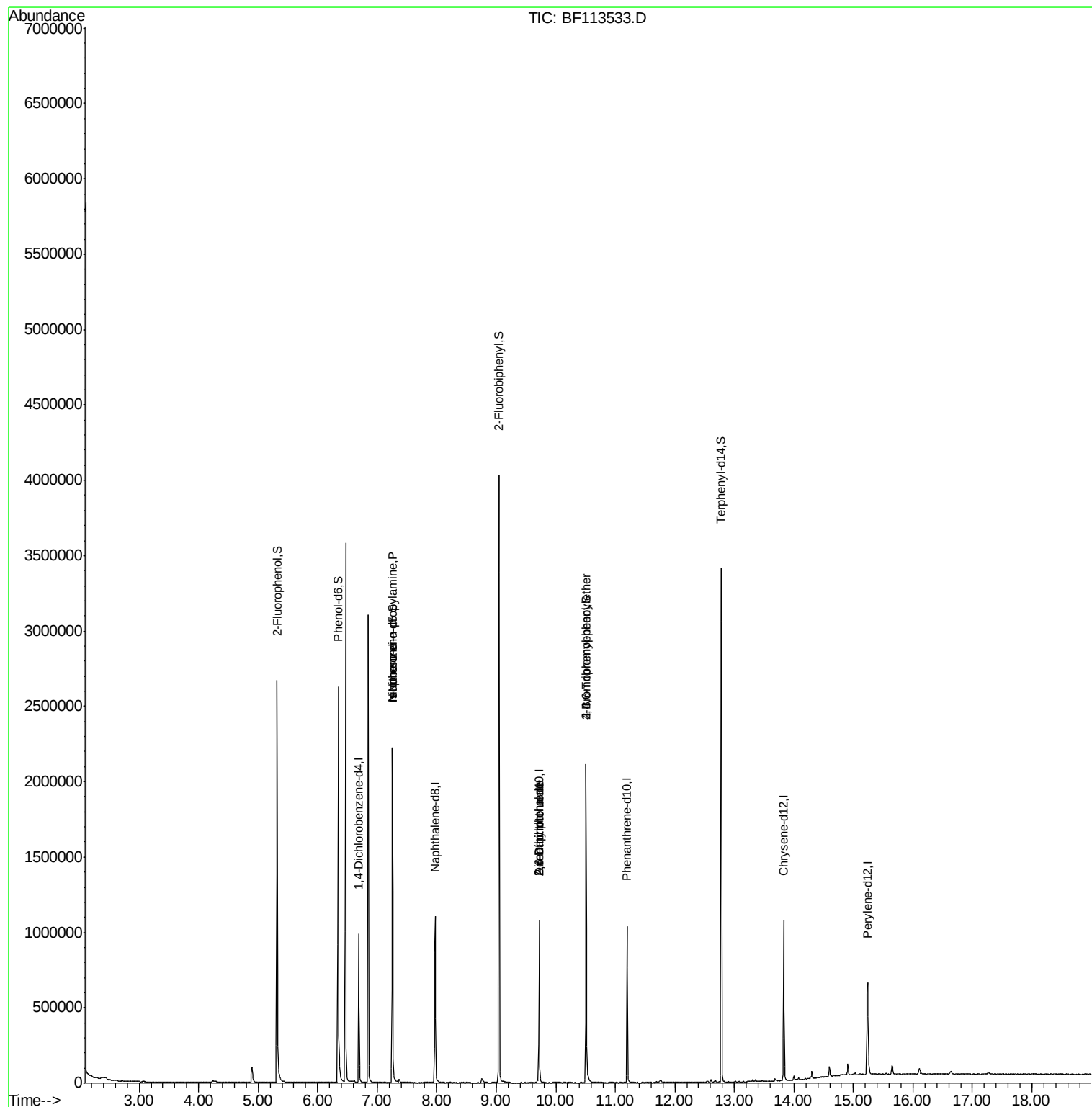
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	146961	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	526671	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	226162	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	390759	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	385422	20.00	ng	-0.01
87) Perylene-d12	15.24	264	288298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	874373	97.28	ng	0.00
7) Phenol-d6	6.35	99	997616	87.74	ng	-0.01
23) Nitrobenzene-d5	7.26	82	742549	83.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	296536	106.15	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1386879	99.02	ng	-0.02
79) Terphenyl-d14	12.78	244	1302226	74.47	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	96035	13.447	ng	# 77
25) Isophorone	7.26	82	736077	42.804	ng	# 64
50) Dimethylphthalate	9.72	163	59694	3.562	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	28696	7.589	ng	# 26
57) 2,4-Dinitrotoluene	9.72	165	28696	5.968	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	16302	3.828	ng	# 1

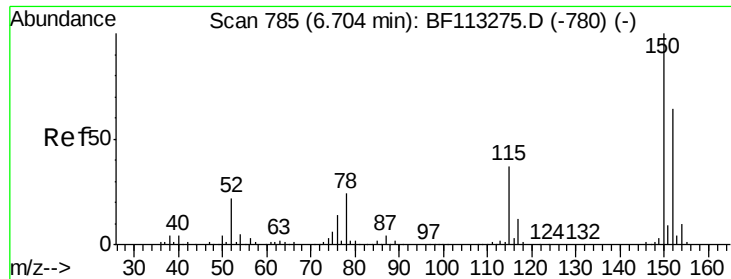
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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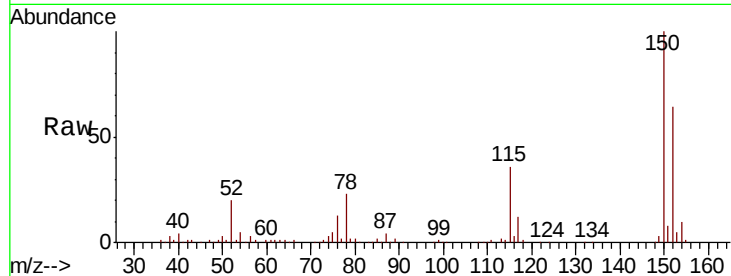


#1

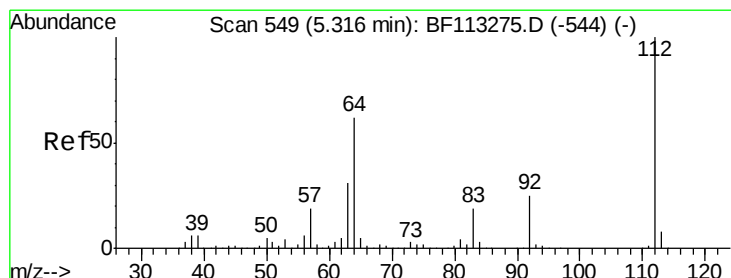
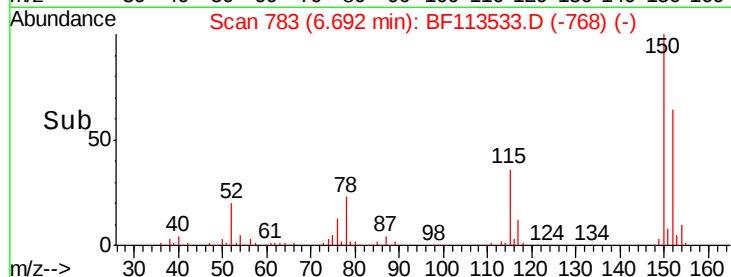
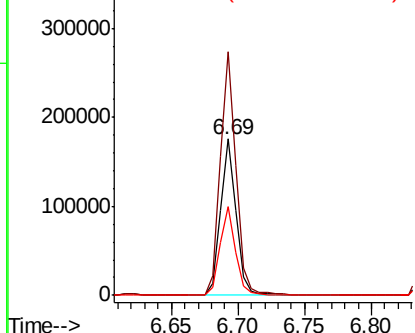
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Tgt Ion:152 Resp: 146961
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.7 187.1
 115 56.7 46.0 69.0



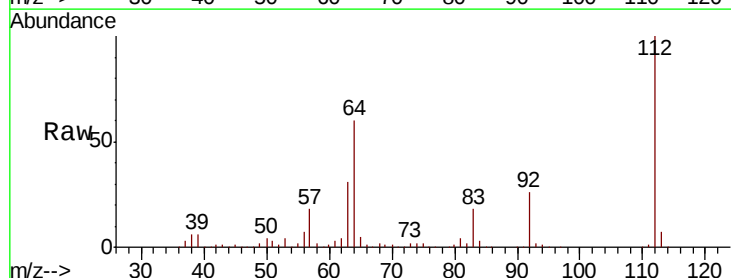
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



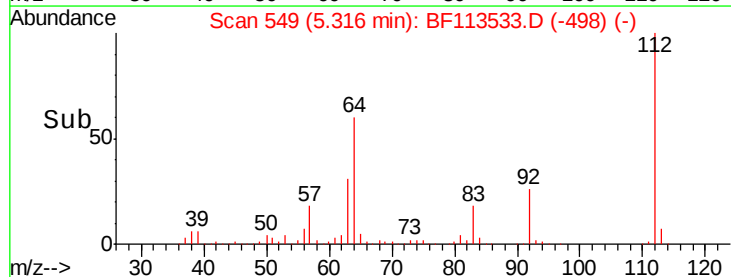
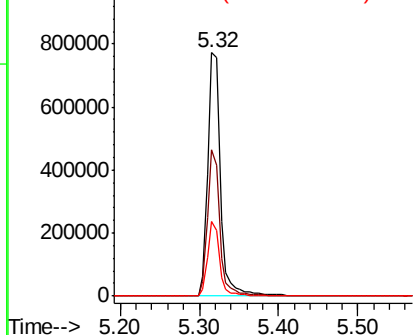
#5

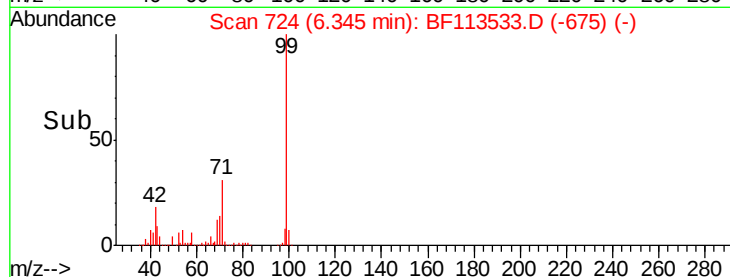
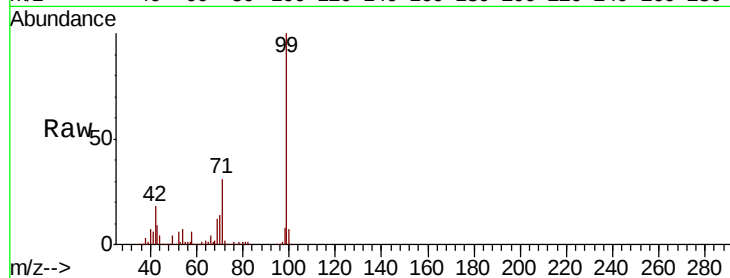
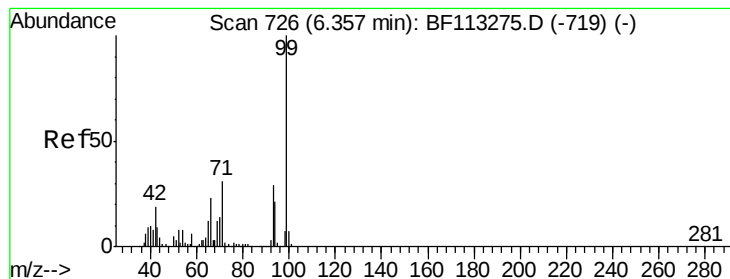
2-Fluorophenol
 Concen: 97.285 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Tgt Ion:112 Resp: 874373
 Ion Ratio Lower Upper
 112 100
 64 60.2 49.2 73.8
 63 30.6 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: 87.741 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

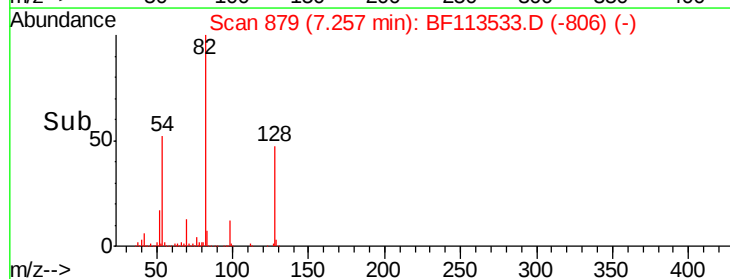
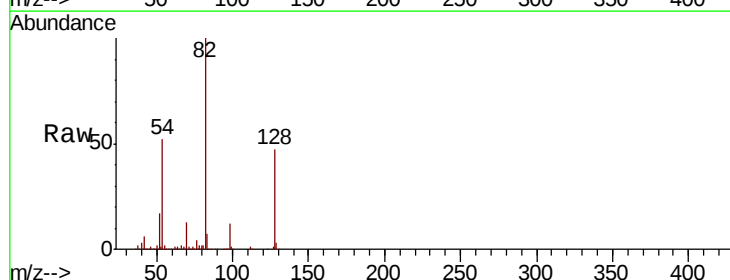
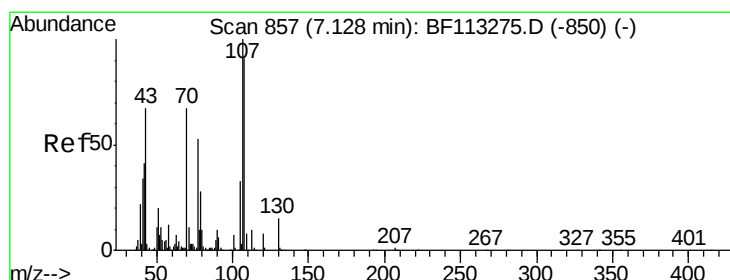
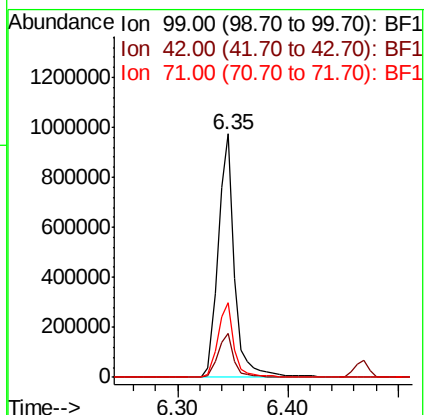
Tgt Ion: 99 Resp: 997616

Ion Ratio Lower Upper

99 100

42 17.9 14.8 22.2

71 30.5 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.447 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

Tgt Ion: 70 Resp: 96035

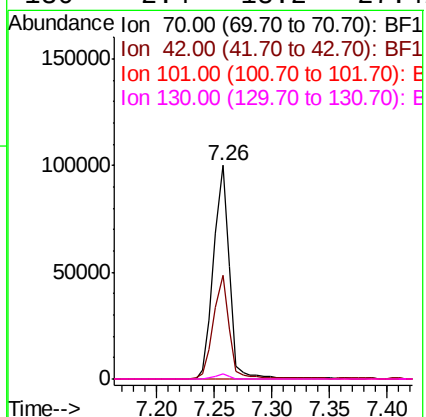
Ion Ratio Lower Upper

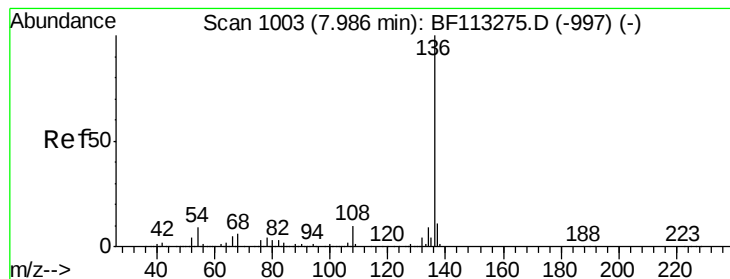
70 100

42 48.7 48.4 72.6

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

Tgt Ion: 136 Resp: 526671

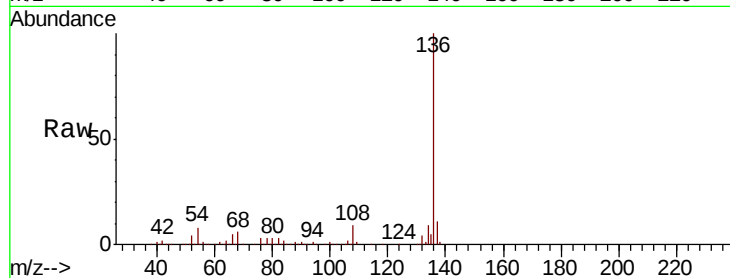
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 7.0 10.6

68 5.9 4.8 7.2

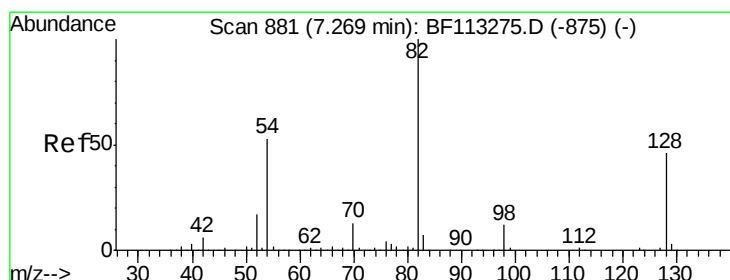
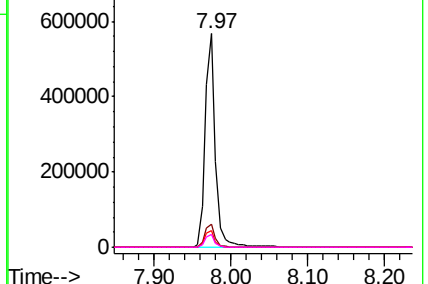
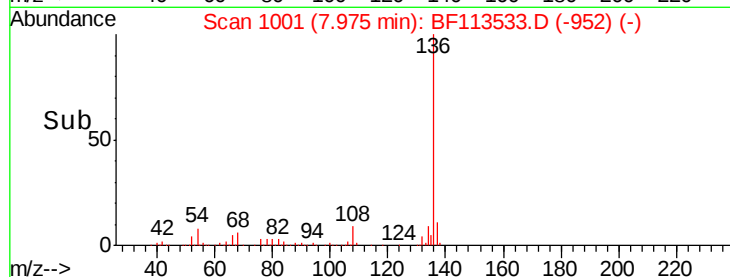


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 83.683 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

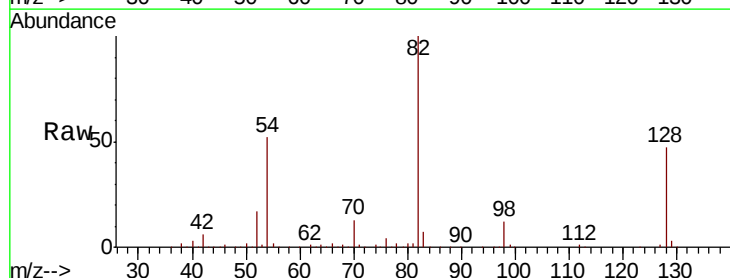
Tgt Ion: 82 Resp: 742549

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

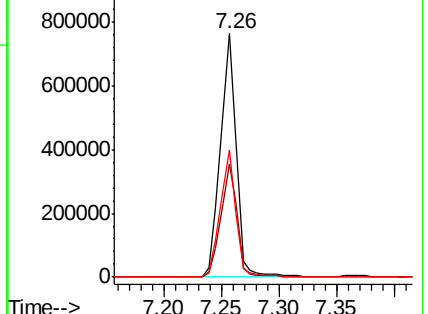
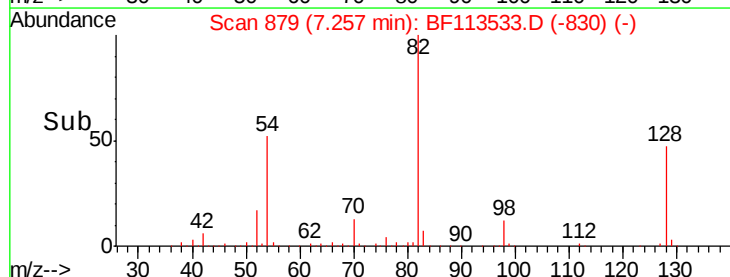
54 52.1 42.2 63.2

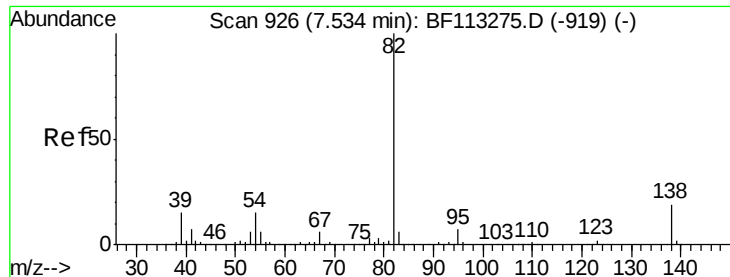


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.804 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-78-79

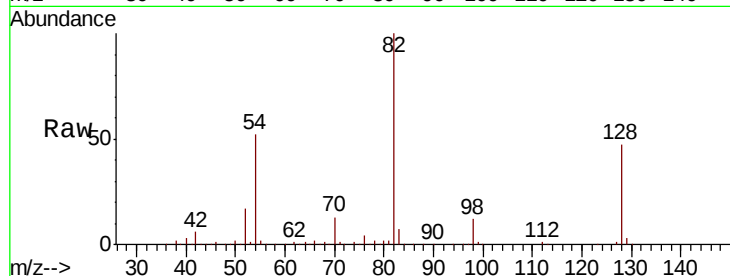
Tgt Ion: 82 Resp: 736077

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

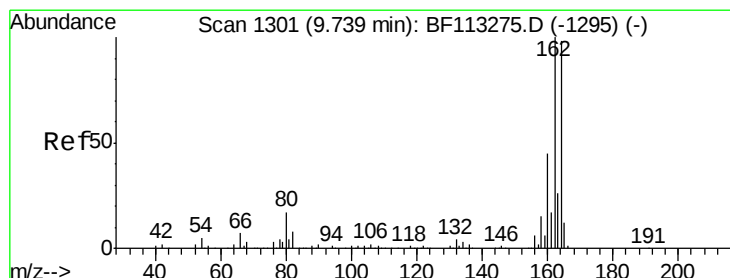
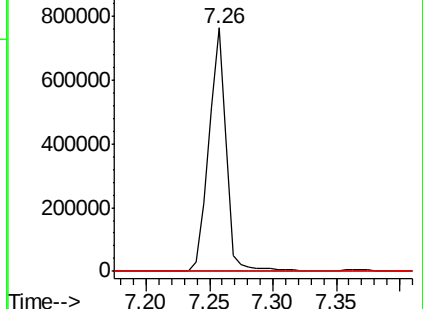
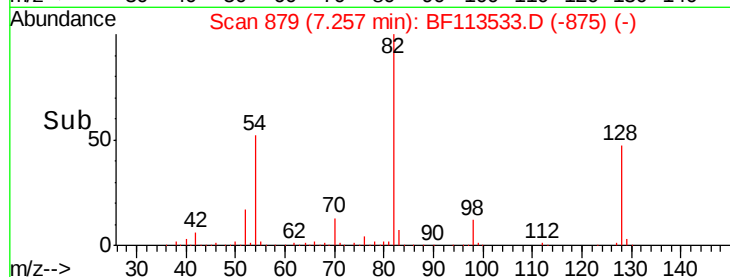
138 0.0 15.2 22.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF113533.D

Acq: 3 Apr 2019 5:47

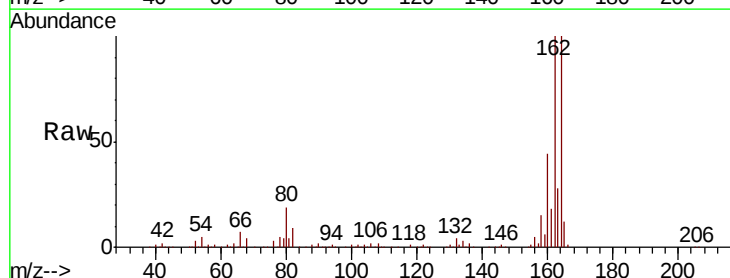
Tgt Ion: 164 Resp: 226162

Ion Ratio Lower Upper

164 100

162 100.4 81.8 122.6

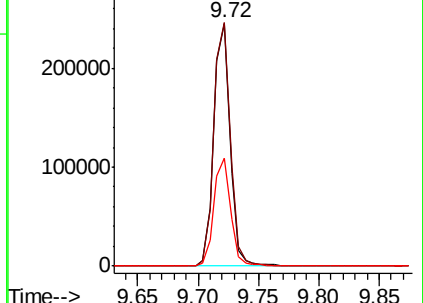
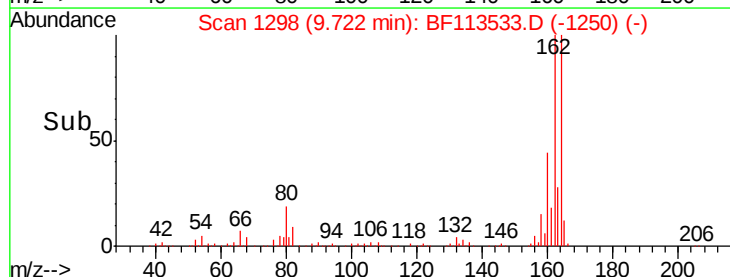
160 44.3 36.4 54.6

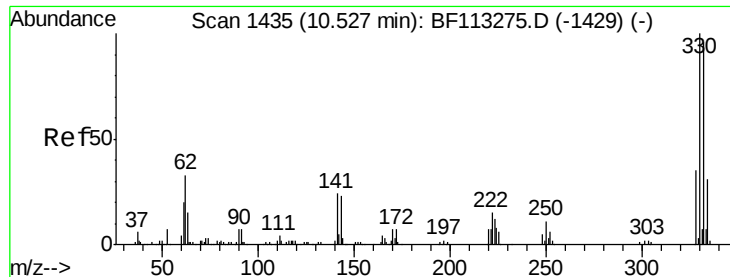


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

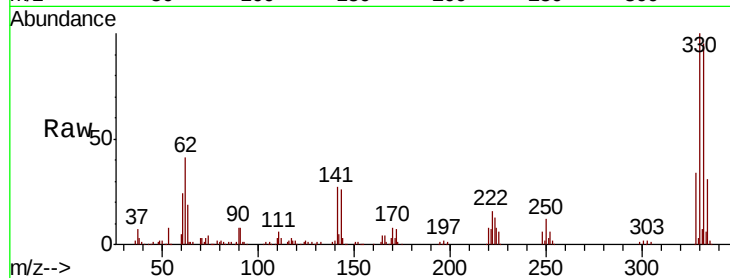




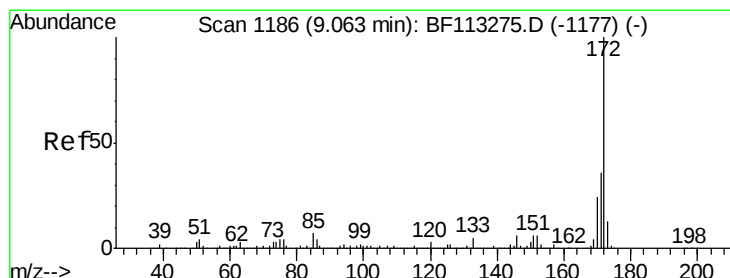
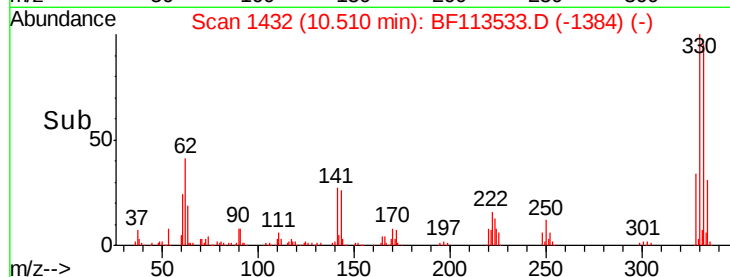
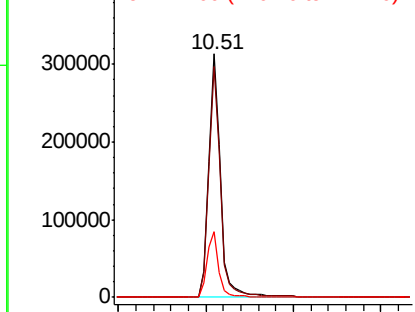
#42
 2,4,6-Tribromophenol
 Concen: 106.148 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Instrument :
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 TP-TRACK-78-79

Tgt Ion:330 Resp: 296536
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 26.9 22.7 34.1

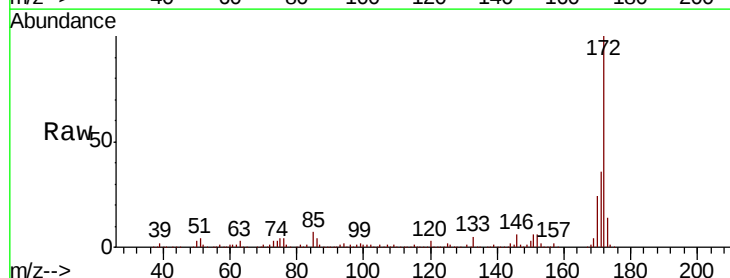


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

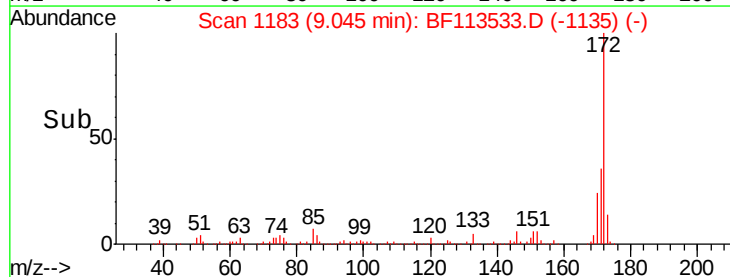
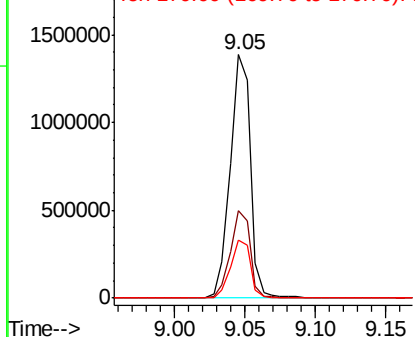


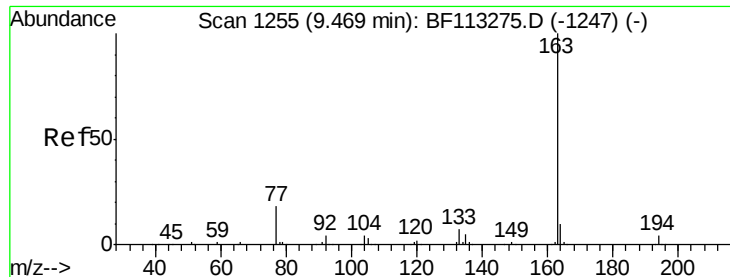
#45
 2-Fluorobiphenyl
 Concen: 99.024 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Tgt Ion:172 Resp: 1386879
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.1 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

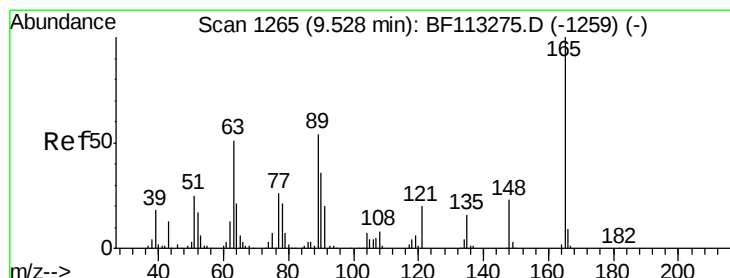
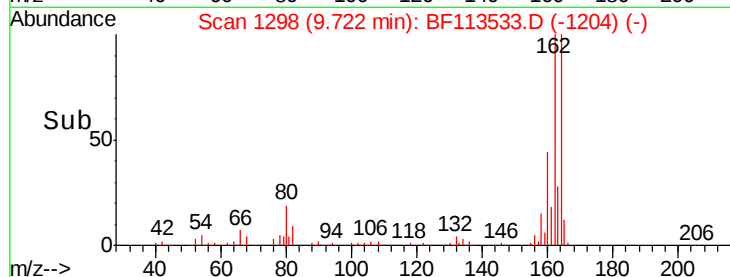
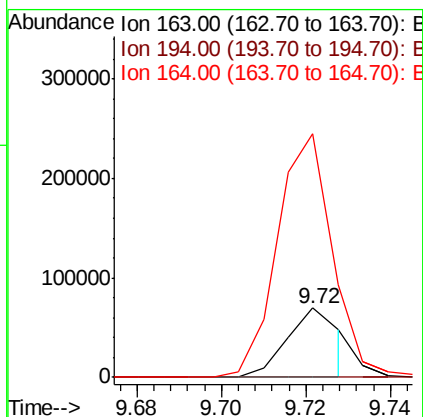
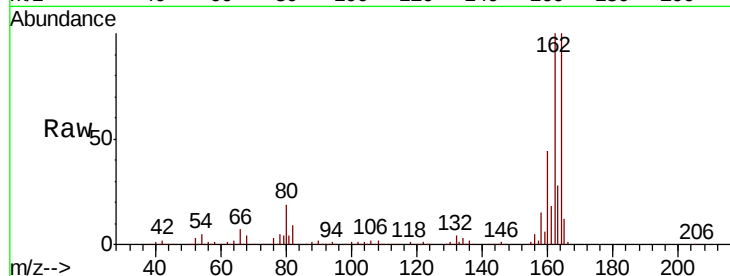




#50
Dimethylphthalate
Concen: 3.562 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.25 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

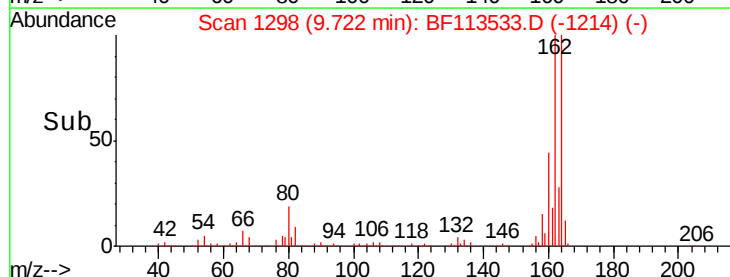
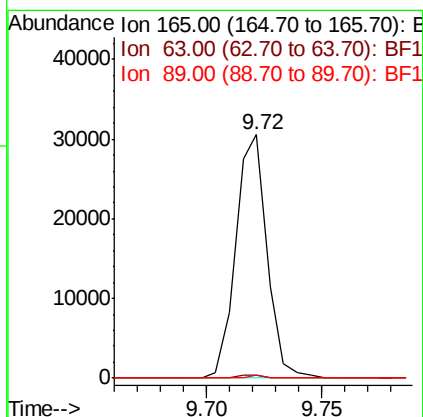
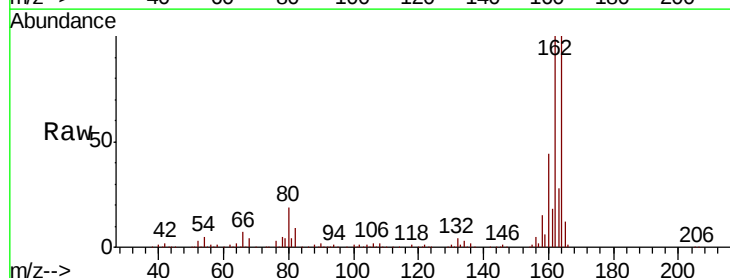
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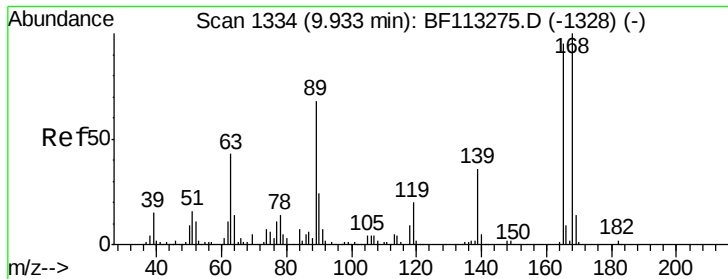
Tgt Ion:163 Resp: 59694
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 352.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 7.589 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.19 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:165 Resp: 28696
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.3 43.1 64.7#

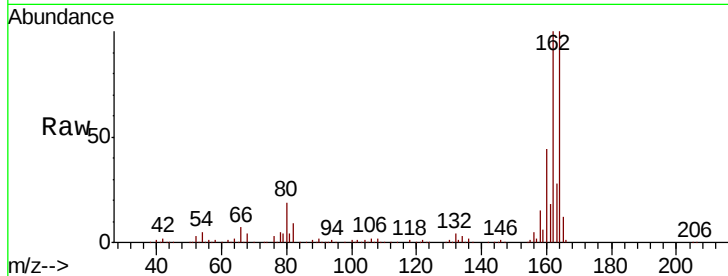




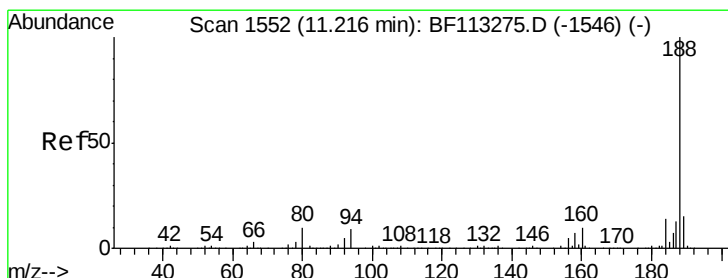
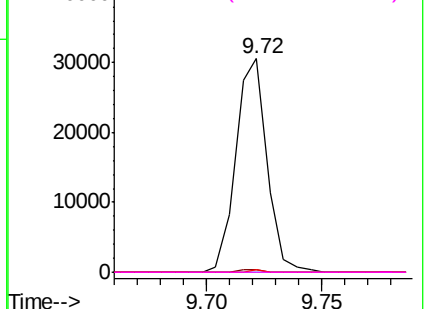
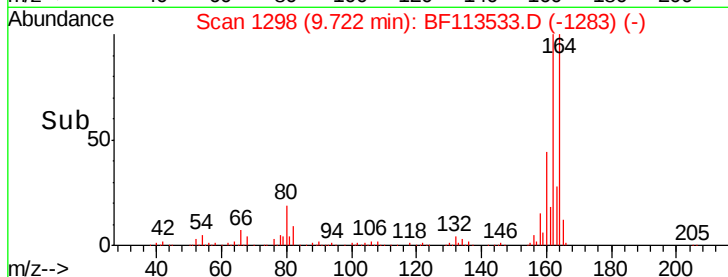
#57
 2,4-Dinitrotoluene
 Concen: 5.968 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.3	57.4	86.2#
182	0.0	2.0	3.0#

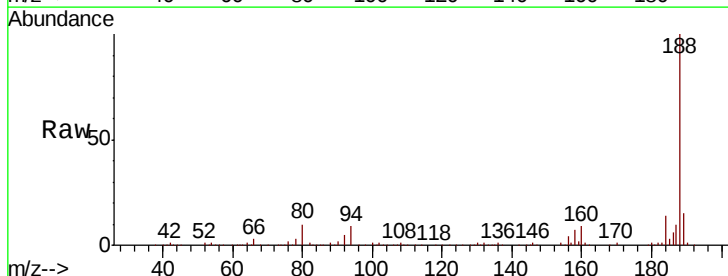


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

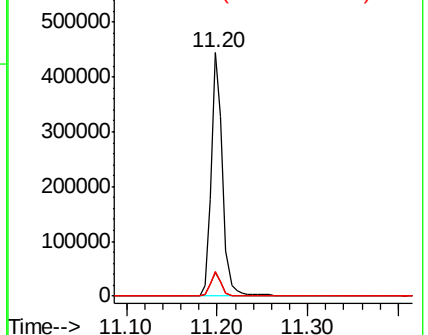
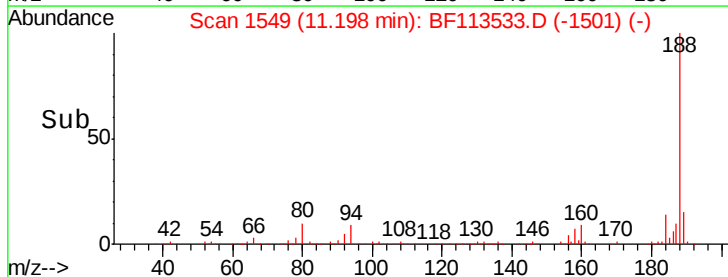


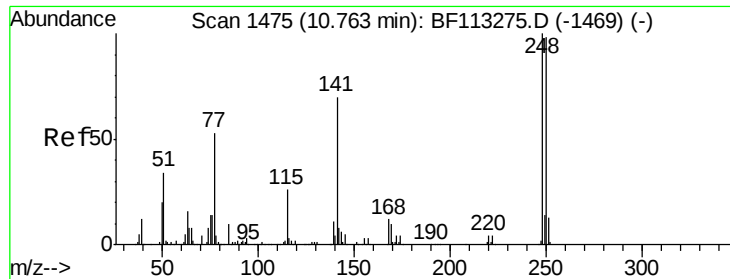
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.6
80	10.3	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

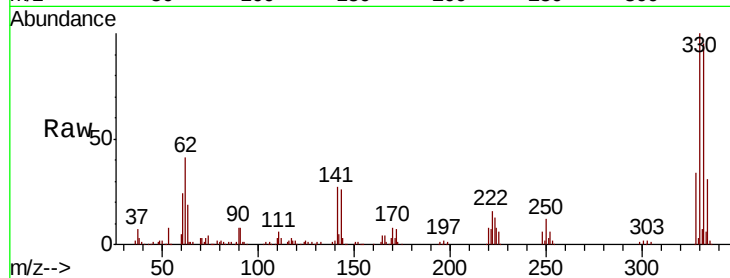




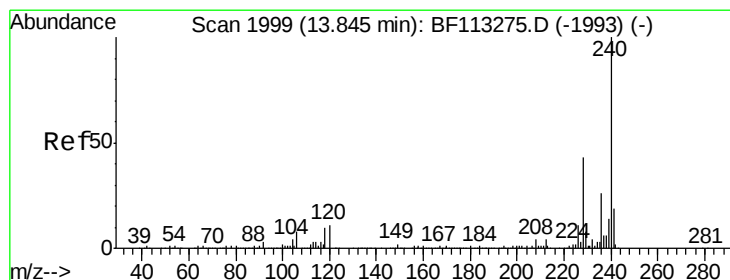
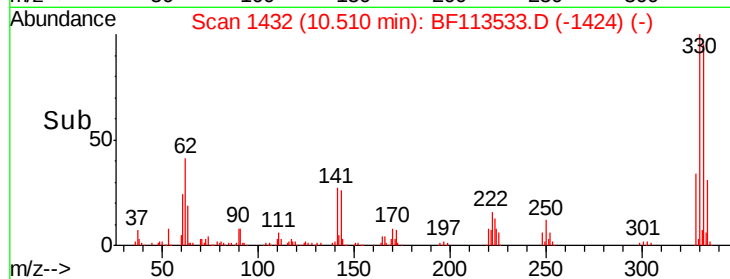
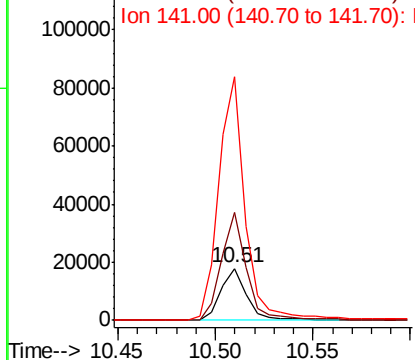
#67
4-Bromophenyl-phenylether
Concen: 3.828 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-78-79

Tgt Ion:248 Resp: 16302
Ion Ratio Lower Upper
248 100
250 209.9 78.3 117.5#
141 471.1 56.2 84.4#

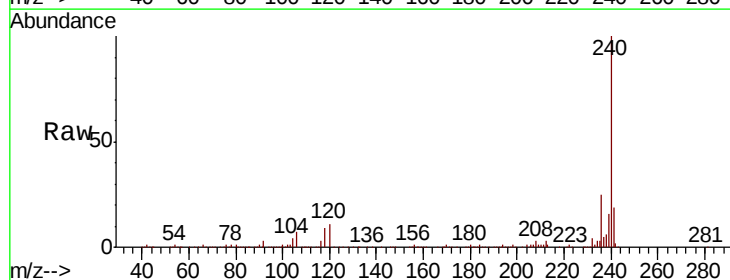


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

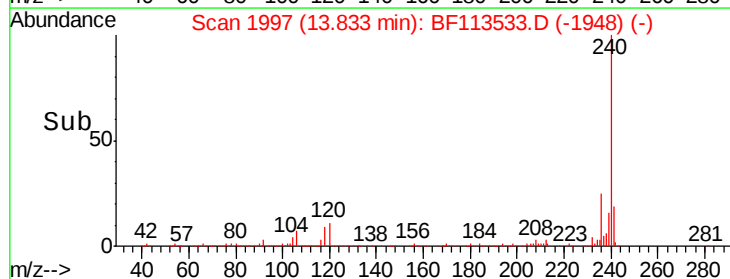
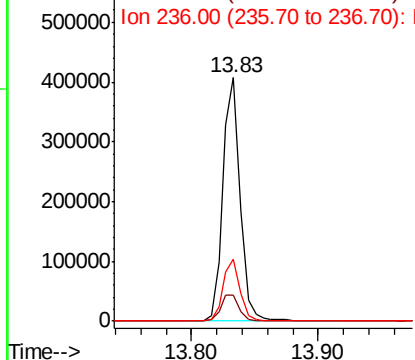


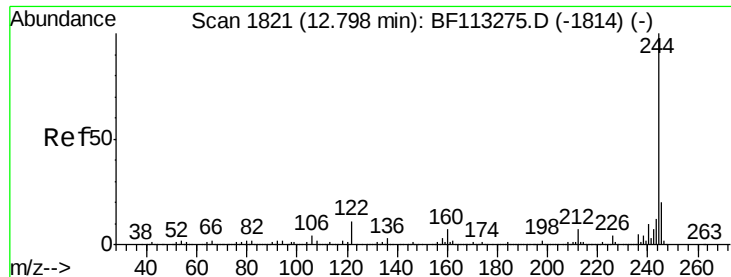
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113533.D
Acq: 3 Apr 2019 5:47

Tgt Ion:240 Resp: 385422
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.4 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

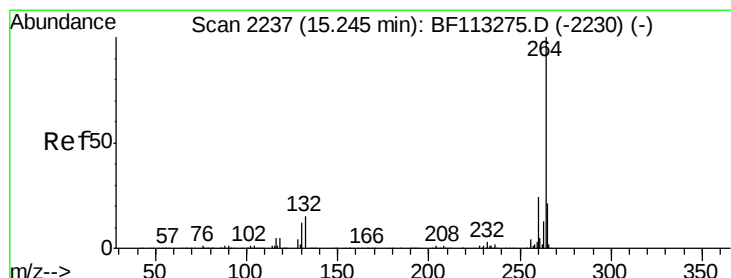
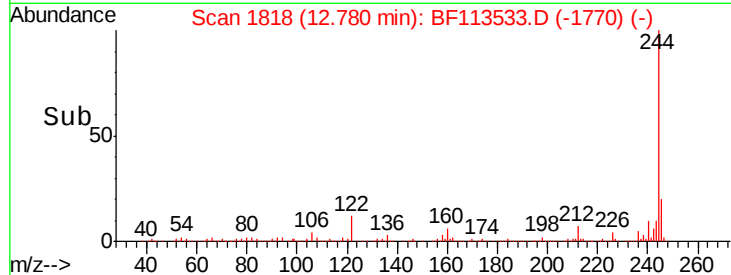
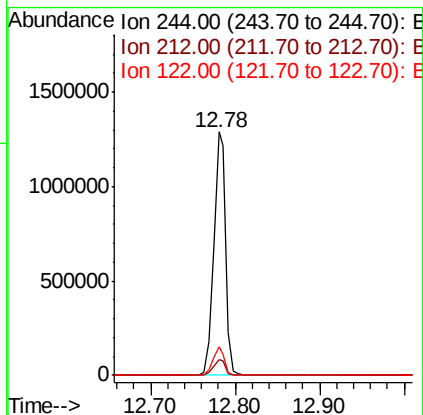
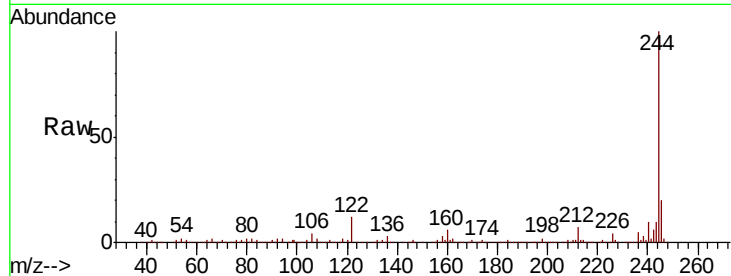




#79
 Terphenyl-d14
 Concen: 74.472 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-78-79

Tgt Ion:244 Resp: 1302226
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 11.6 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113533.D
 Acq: 3 Apr 2019 5:47

Tgt Ion:264 Resp: 288298
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.7 17.1 25.7

