

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113531.D
 Acq On : 3 Apr 2019 4:46
 Operator : JU/SJ
 Sample : K2186-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Quant Time: Apr 03 08:01:36 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

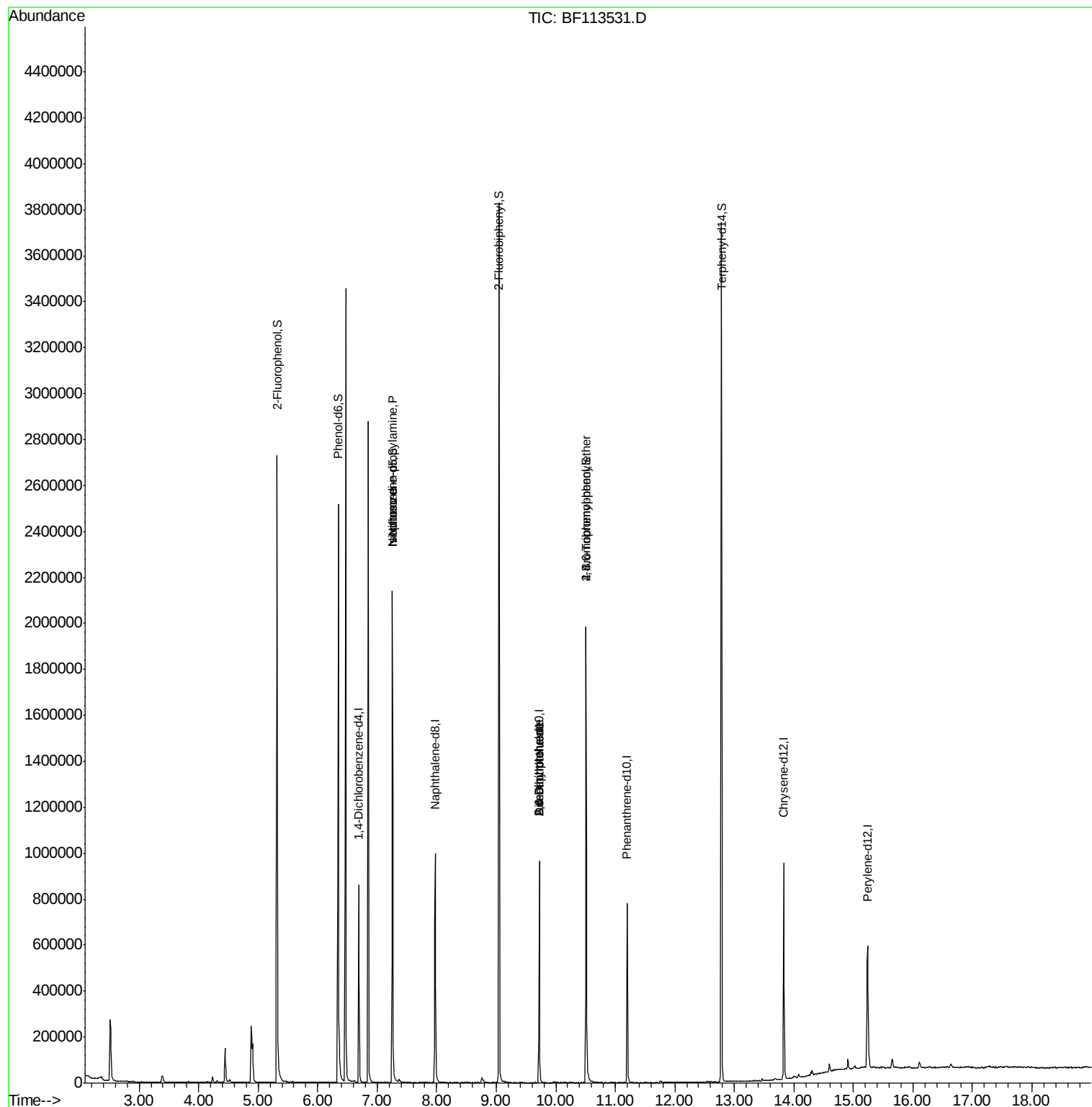
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	127140	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	457480	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	193335	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	335319	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	333161	20.00	ng	-0.01
87) Perylene-d12	15.24	264	252876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	827522	106.43	ng	0.00
7) Phenol-d6	6.35	99	934294	94.98	ng	-0.01
23) Nitrobenzene-d5	7.26	82	710987	92.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	285065	119.37	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1308506	111.60	ng	-0.02
79) Terphenyl-d14	12.79	244	1400687	92.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	91888	14.872	ng	# 76
25) Isophorone	7.26	82	707687	47.378	ng	# 64
50) Dimethylphthalate	9.72	163	50239	3.506	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	24245	7.501	ng	# 25
57) 2,4-Dinitrotoluene	9.72	165	24245	5.898	ng	# 22
67) 4-Bromophenyl-phenylether	10.51	248	16143	4.417	ng	# 1

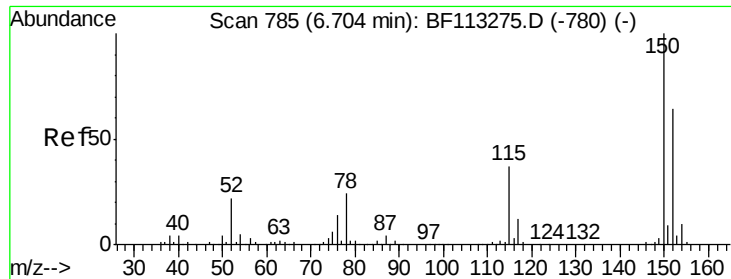
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 03:32:08 2019
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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: BF113531.D

Acq: 3 Apr 2019 4:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

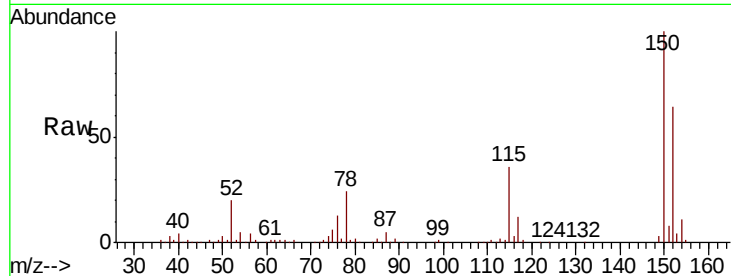
Tgt Ion:152 Resp: 127140

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

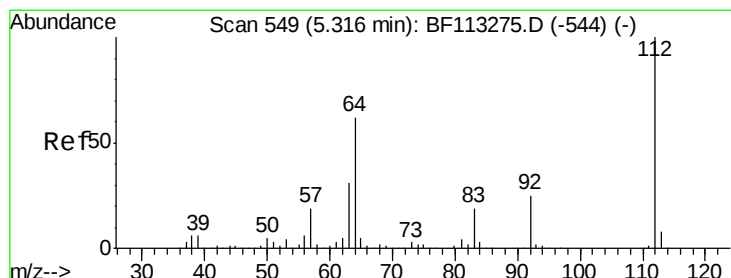
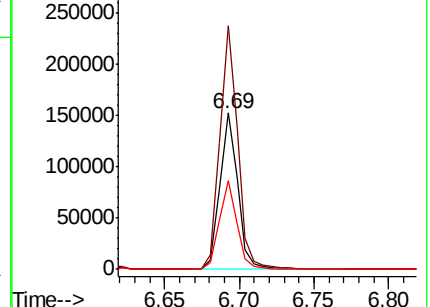
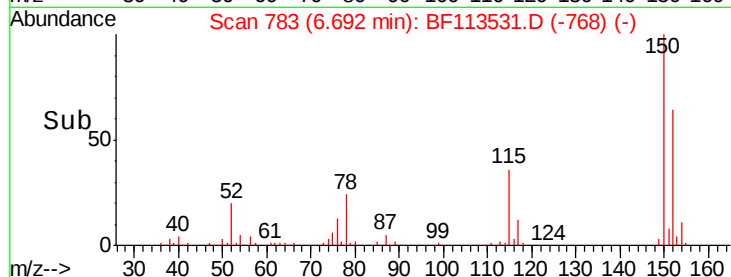
115 56.5 46.0 69.0



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: 106.426 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

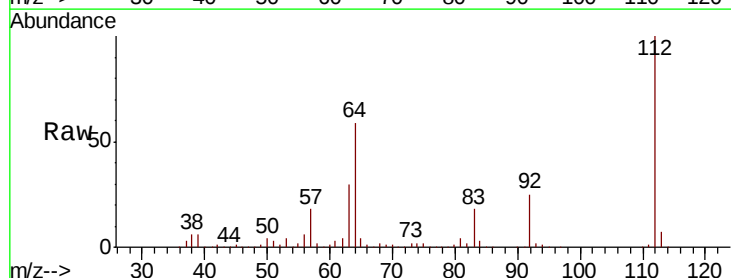
Tgt Ion:112 Resp: 827522

Ion Ratio Lower Upper

112 100

64 59.2 49.2 73.8

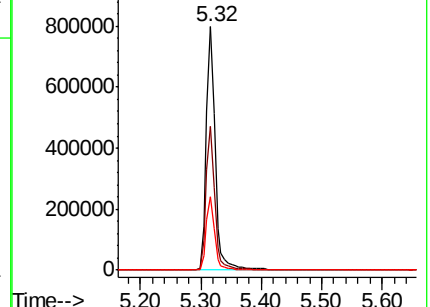
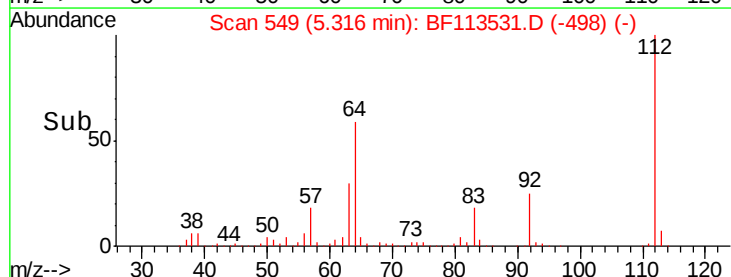
63 30.4 24.9 37.3

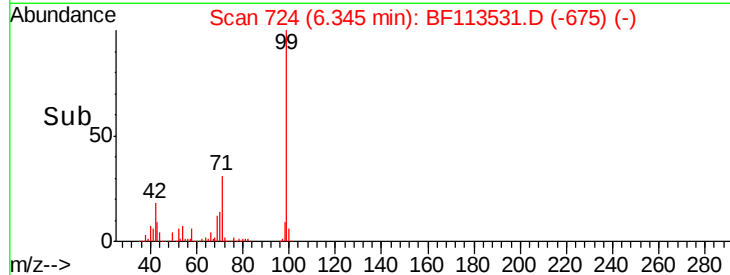
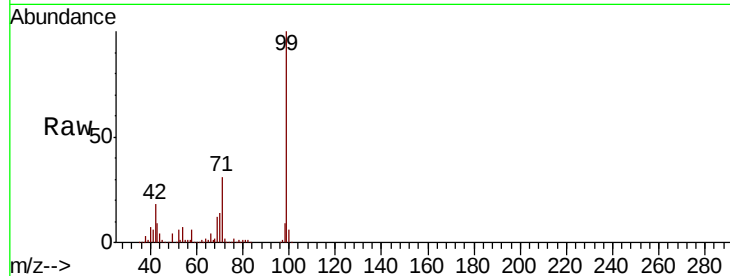


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.982 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

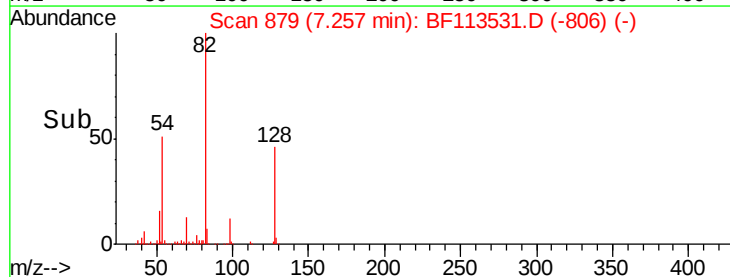
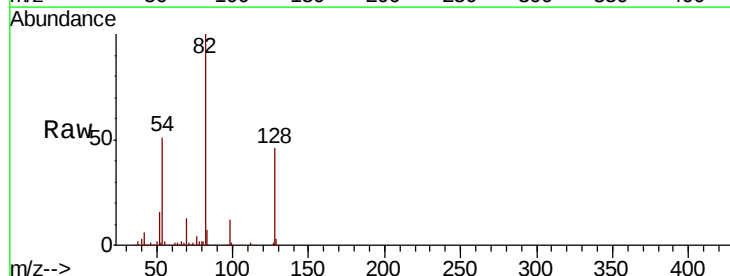
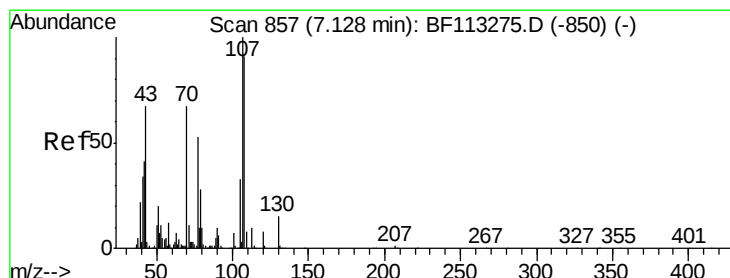
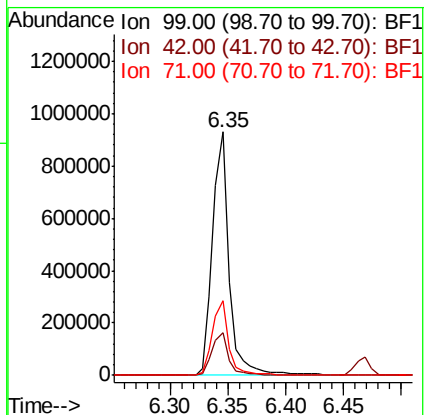
Tgt Ion: 99 Resp: 934294

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

71 30.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.872 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

Tgt Ion: 70 Resp: 91888

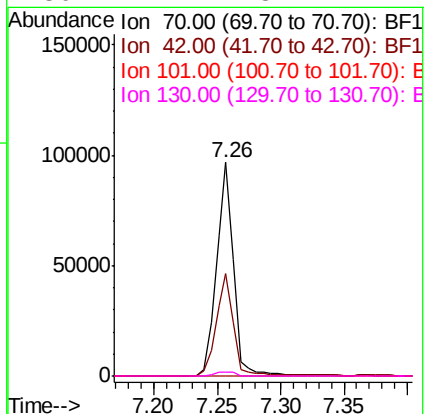
Ion Ratio Lower Upper

70 100

42 47.8 48.4 72.6#

101 0.0 7.8 11.8#

130 2.1 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: BF113531.D

Acq: 3 Apr 2019 4:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

Tgt Ion: 136 Resp: 457480

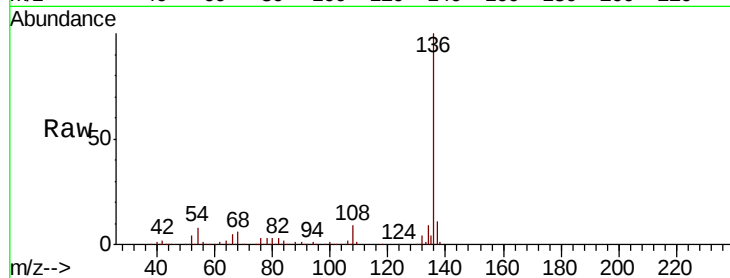
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 7.0 10.6

68 5.8 4.8 7.2

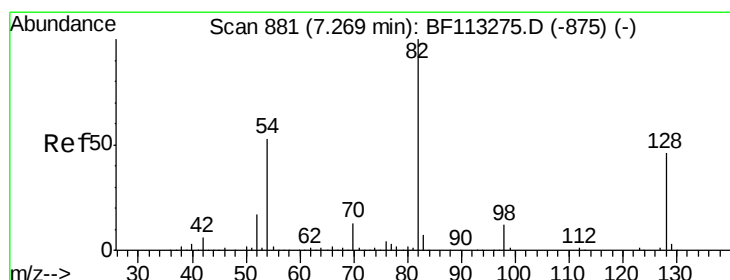
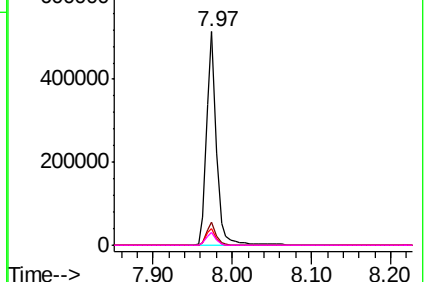
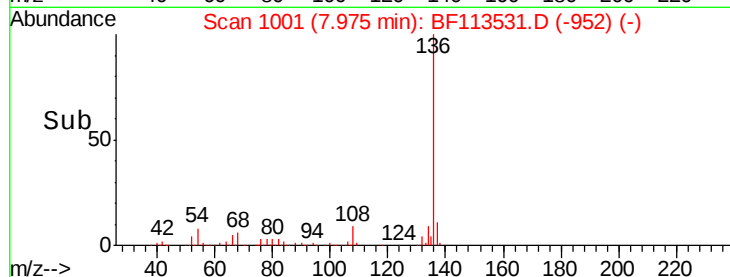


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 92.244 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

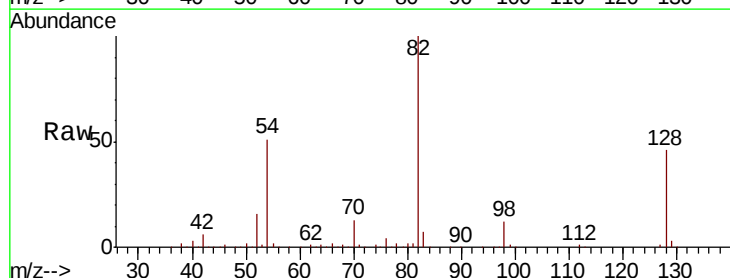
Tgt Ion: 82 Resp: 710987

Ion Ratio Lower Upper

82 100

128 46.2 36.5 54.7

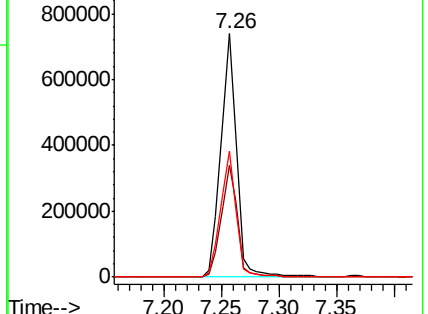
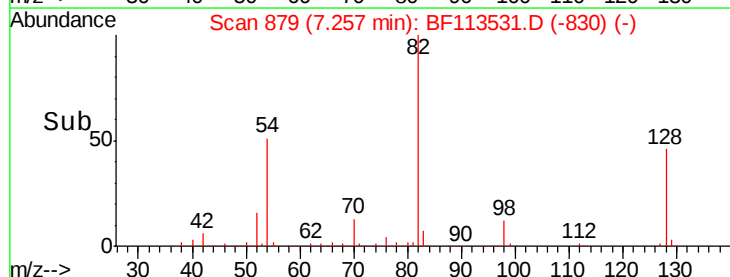
54 51.5 42.2 63.2

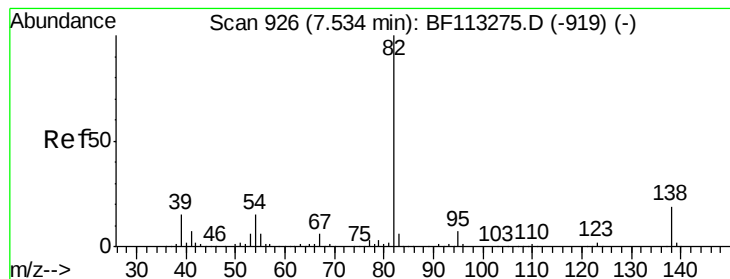


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.378 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

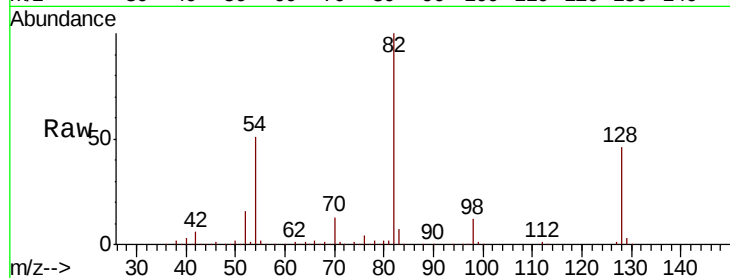
Tgt Ion: 82 Resp: 707687

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

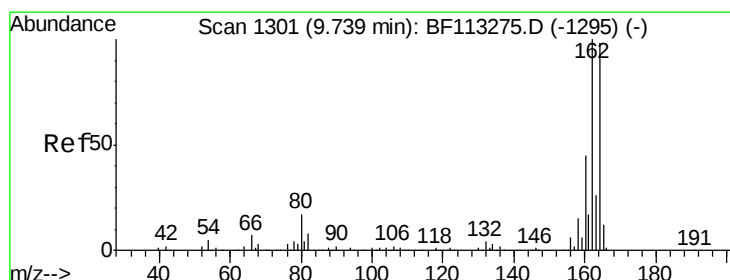
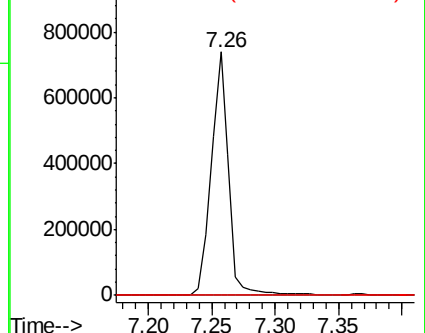
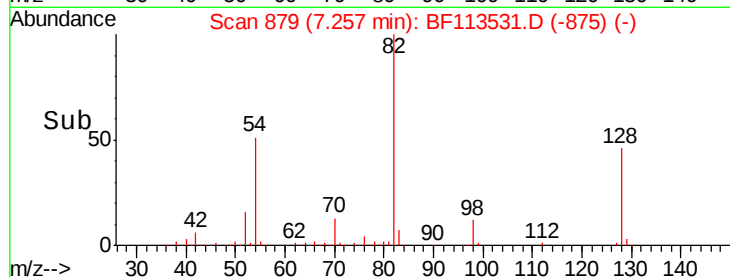
138 0.0 15.2 22.8#



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: BF113531.D

Acq: 3 Apr 2019 4:46

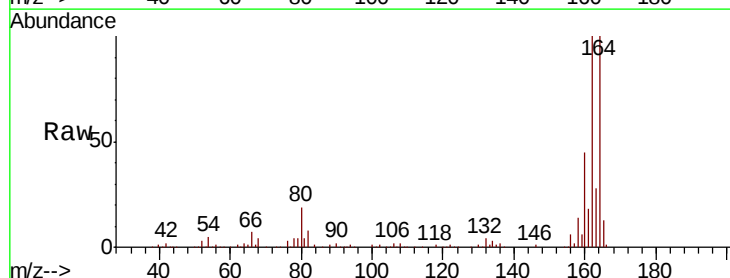
Tgt Ion: 164 Resp: 193335

Ion Ratio Lower Upper

164 100

162 100.0 81.8 122.6

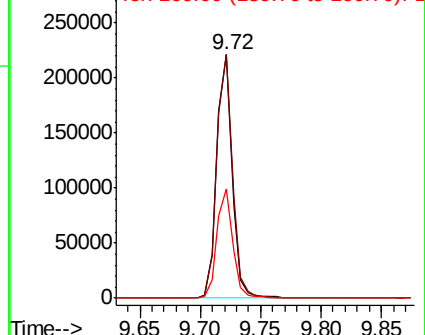
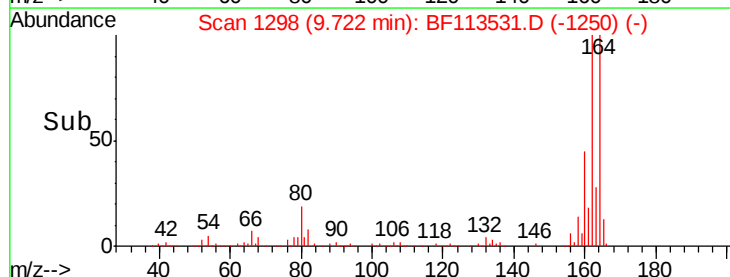
160 44.8 36.4 54.6

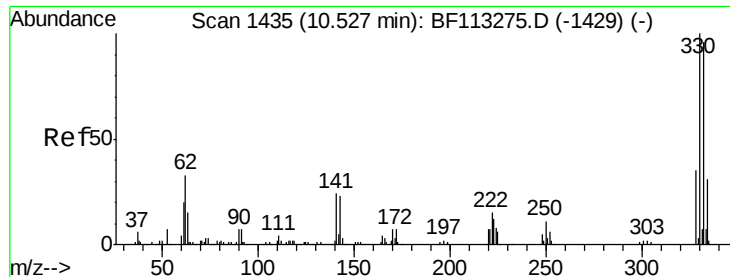


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

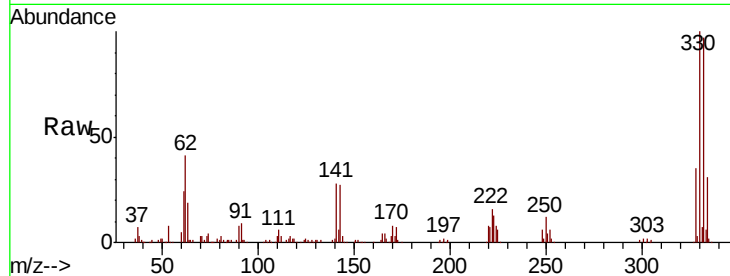




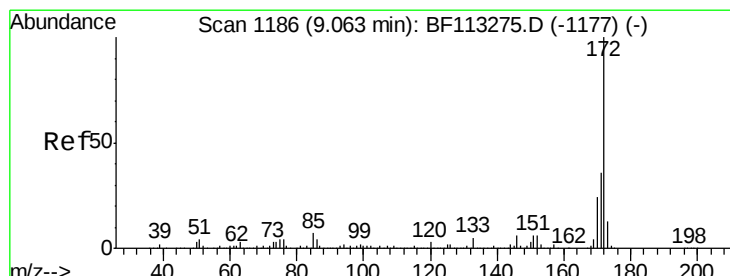
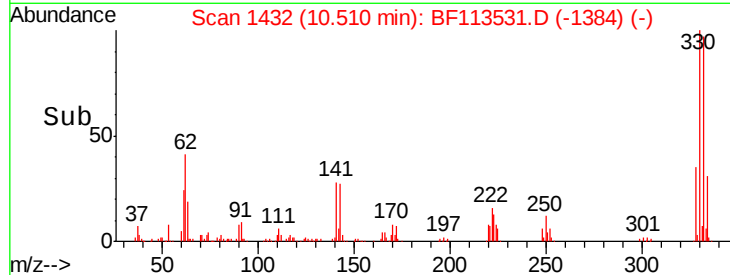
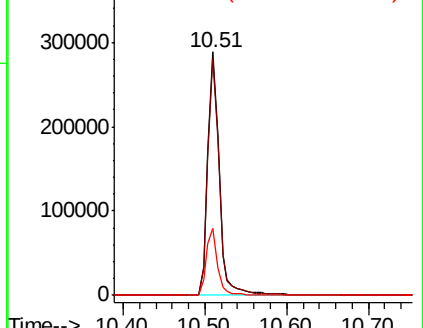
#42
 2,4,6-Tribromophenol
 Concen: 119.368 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113531.D
 Acq: 3 Apr 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tgt Ion:330 Resp: 285065
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.8 116.6
 141 27.2 22.7 34.1

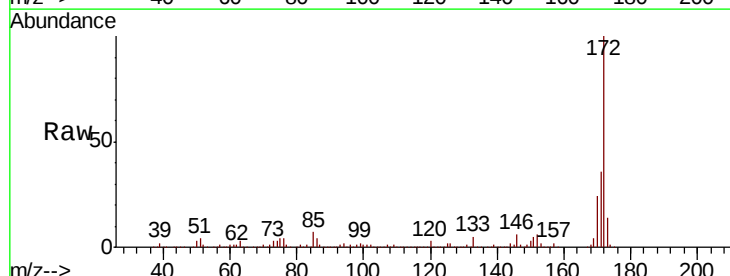


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

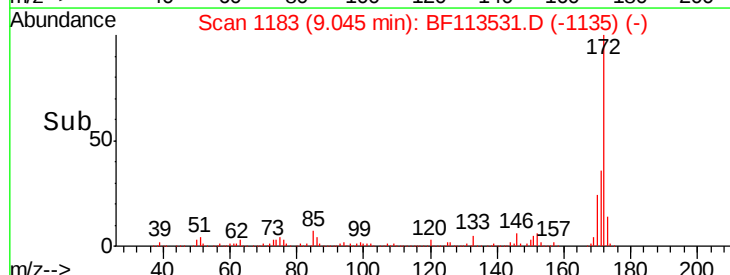
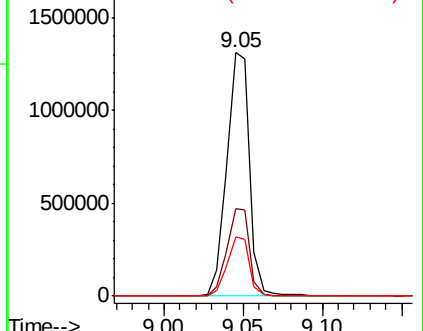


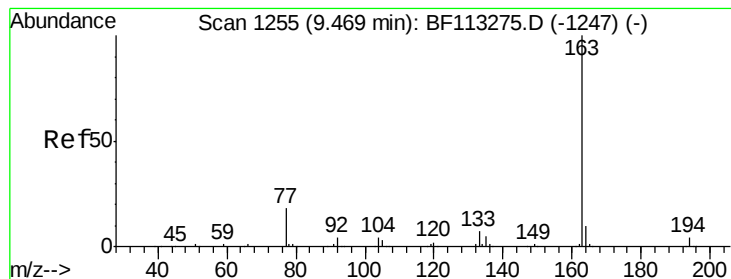
#45
 2-Fluorobiphenyl
 Concen: 111.599 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113531.D
 Acq: 3 Apr 2019 4:46

Tgt Ion:172 Resp: 1308506
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.4 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: 3.506 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.25 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

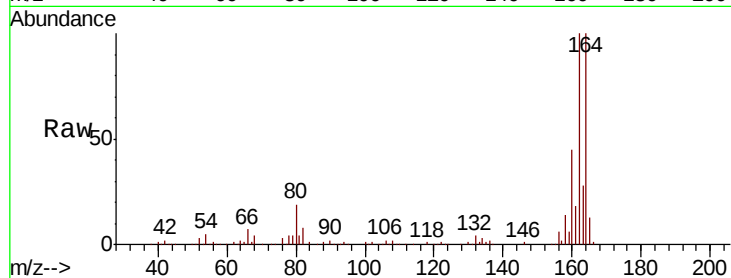
Tgt Ion:163 Resp: 50239

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

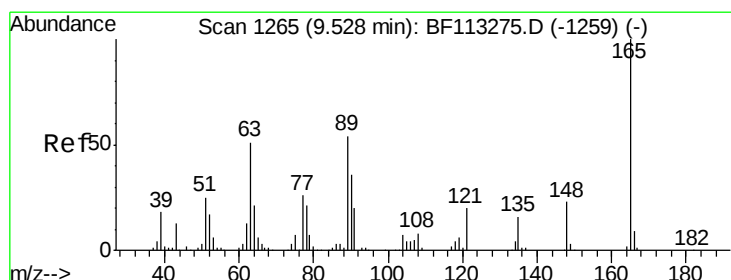
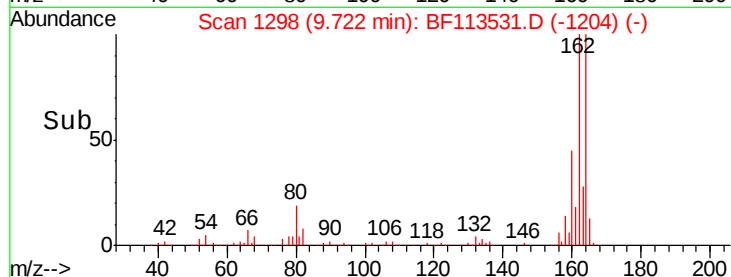
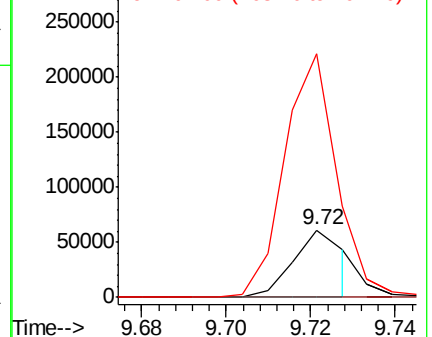
164 363.0 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.501 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.19 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

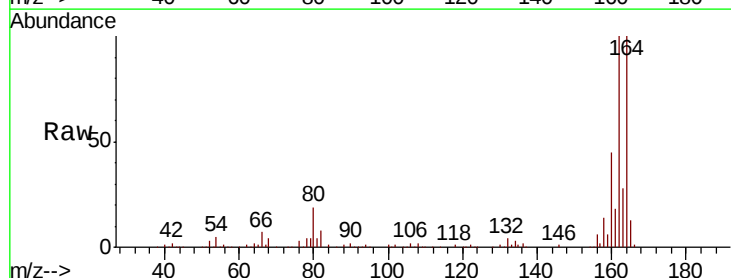
Tgt Ion:165 Resp: 24245

Ion Ratio Lower Upper

165 100

63 1.2 43.4 65.0#

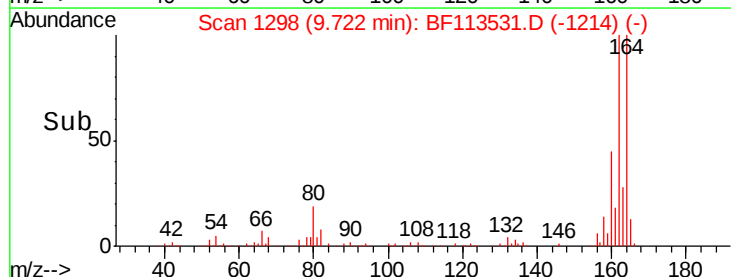
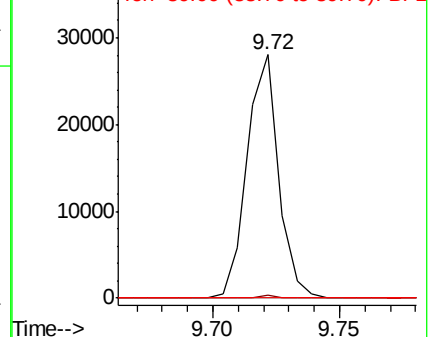
89 0.0 43.1 64.7#

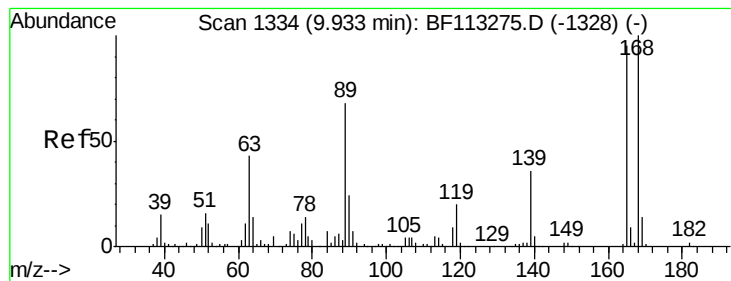


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 5.898 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF113531.D

Acq: 3 Apr 2019 4:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-89-90-SOIL

Tgt Ion:165 Resp: 24245

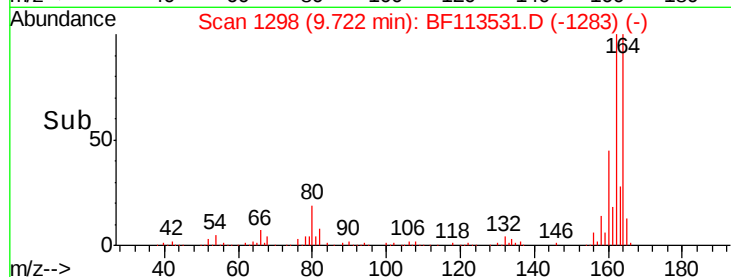
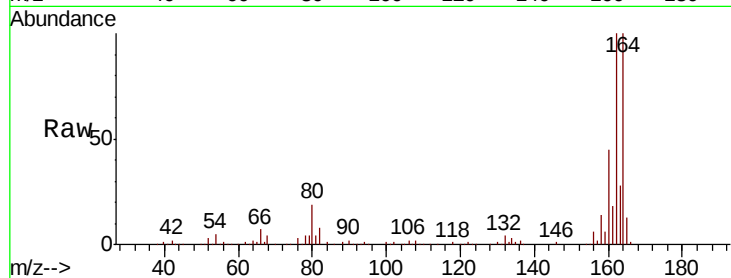
Ion Ratio Lower Upper

165 100

63 1.2 37.5 56.3#

89 0.0 57.4 86.2#

182 0.0 2.0 3.0#

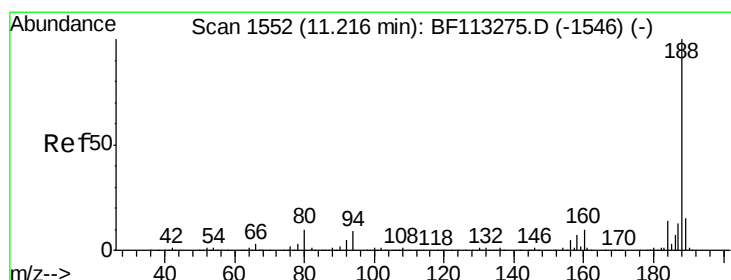
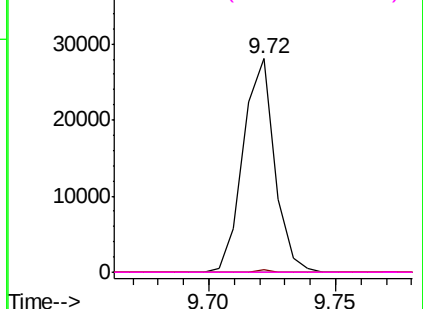


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF113531.D

Acq: 3 Apr 2019 4:46

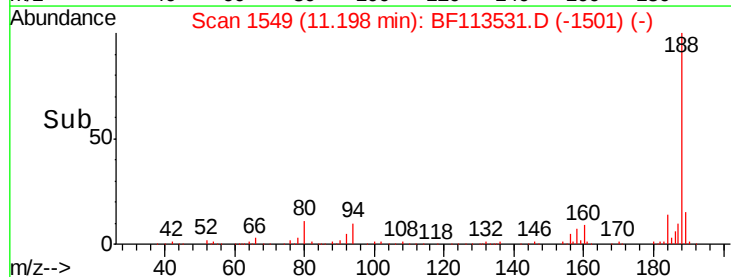
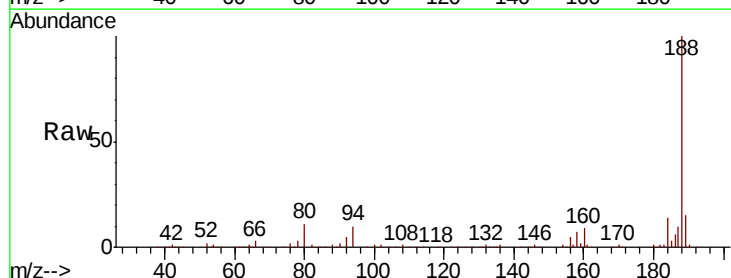
Tgt Ion:188 Resp: 335319

Ion Ratio Lower Upper

188 100

94 10.1 7.0 10.6

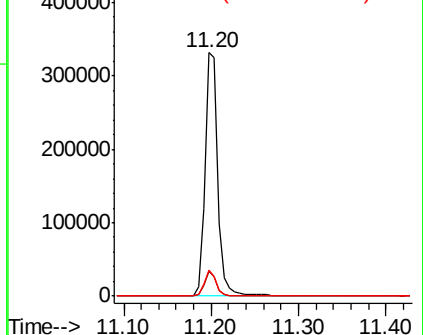
80 10.9 7.7 11.5

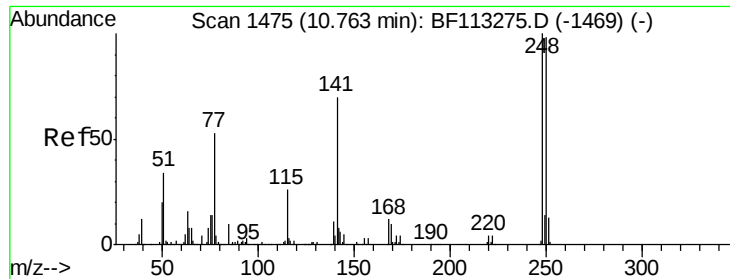


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

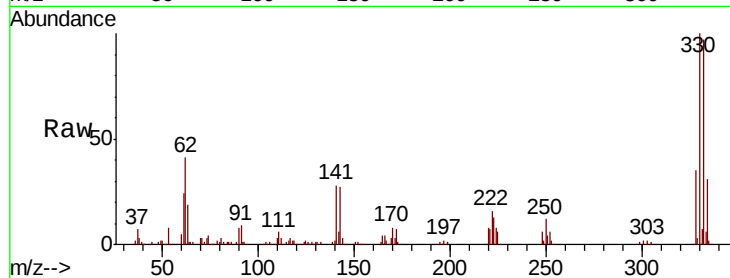




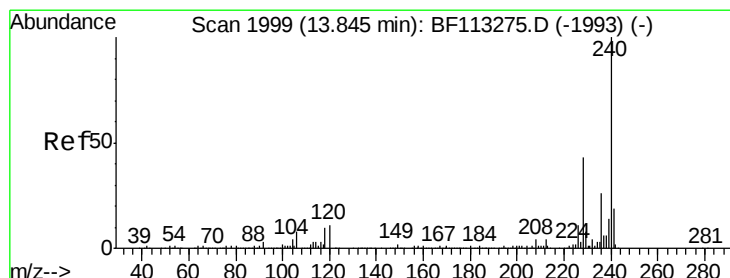
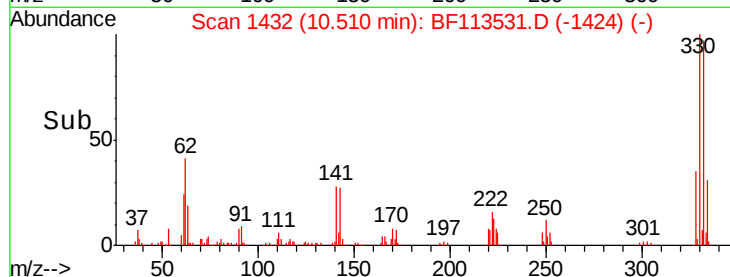
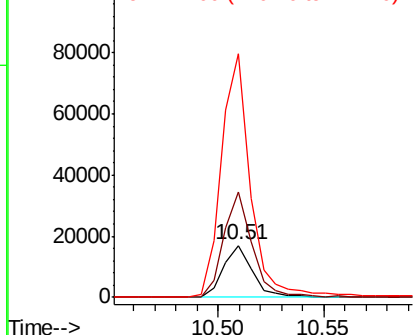
#67
 4-Bromophenyl-phenylether
 Concen: 4.417 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113531.D
 Acq: 3 Apr 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tgt Ion:248 Resp: 16143
 Ion Ratio Lower Upper
 248 100
 250 201.6 78.3 117.5#
 141 468.5 56.2 84.4#

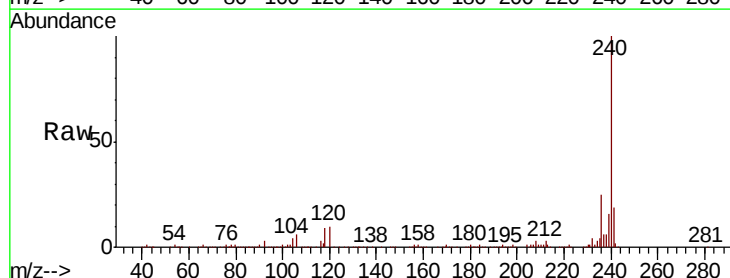


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

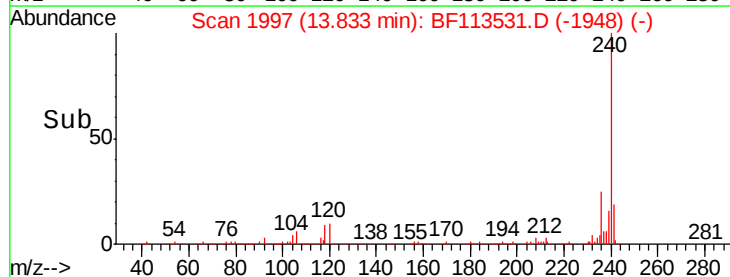
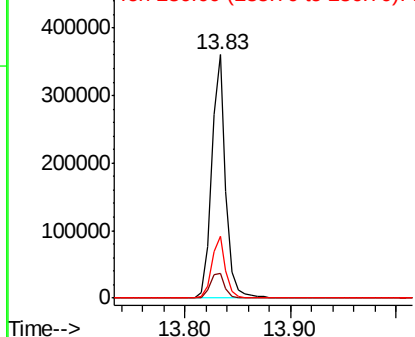


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113531.D
 Acq: 3 Apr 2019 4:46

Tgt Ion:240 Resp: 333161
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.8 13.2
 236 25.3 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

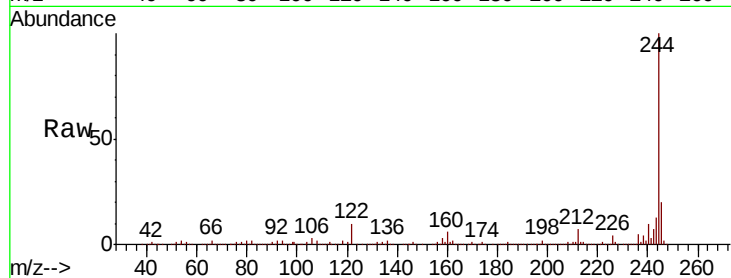




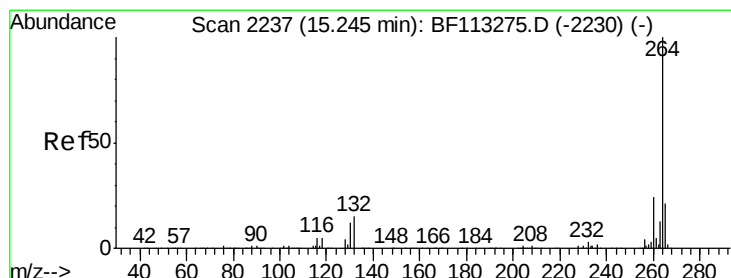
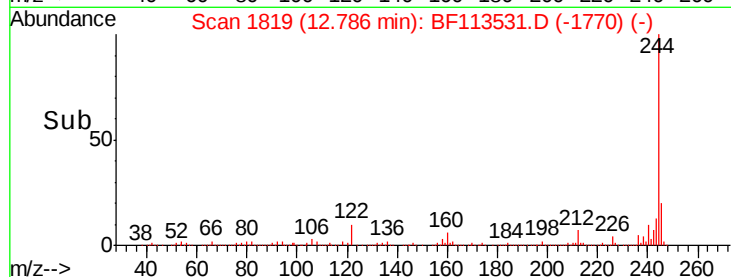
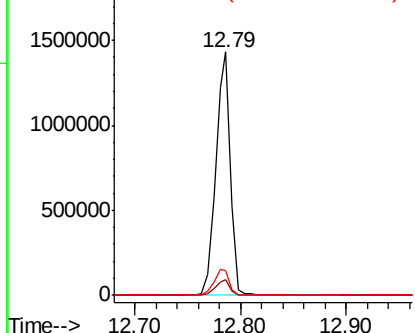
#79
 Terphenyl-d14
 Concen: 92.668 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113531.D
 Acq: 3 Apr 2019 4:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-89-90-SOIL

Tgt Ion:244 Resp: 1400687
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.4 8.6 13.0

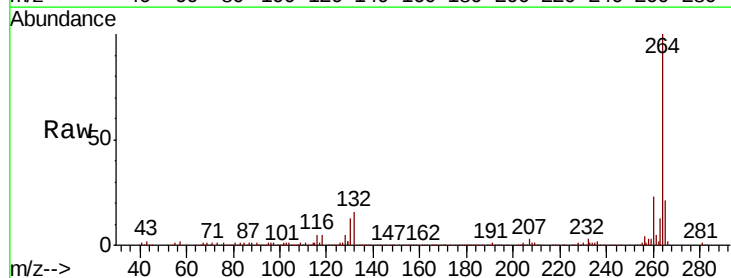


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113531.D
 Acq: 3 Apr 2019 4:46

Tgt Ion:264 Resp: 252876
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.3 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

