

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113529.D
 Acq On : 3 Apr 2019 3:46
 Operator : JU/SJ
 Sample : K2186-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-86-87-SOIL

Quant Time: Apr 03 08:22:34 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	134719	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	475046	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	201165	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	350475	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	360439	20.00	ng	-0.01
87) Perylene-d12	15.24	264	273435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	849388	103.09	ng	0.00
7) Phenol-d6	6.35	99	956922	91.81	ng	-0.01
23) Nitrobenzene-d5	7.26	82	726028	90.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	290458	116.89	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1339710	109.46	ng	-0.01
79) Terphenyl-d14	12.79	244	1394702	85.29	ng	-0.01

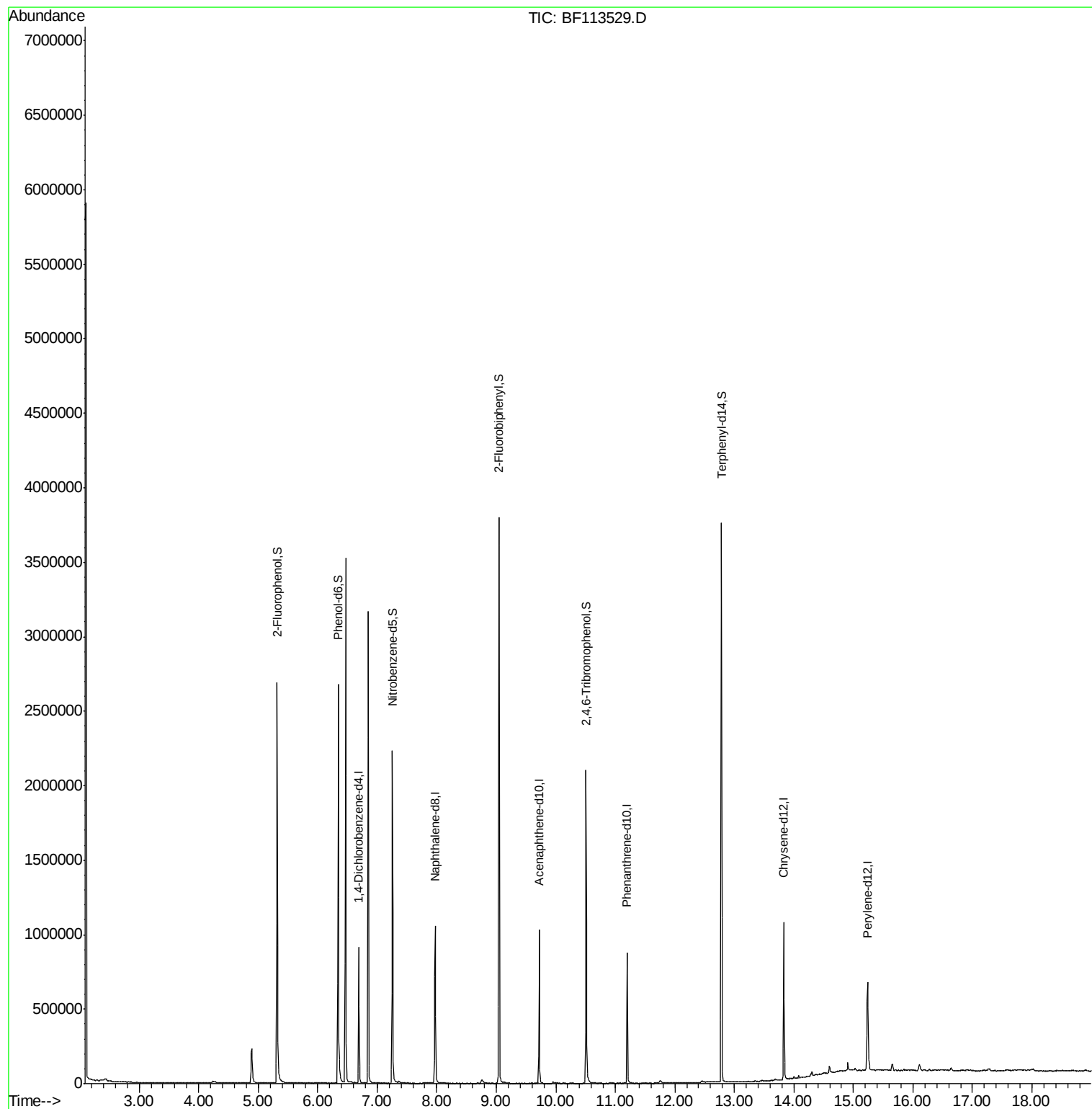
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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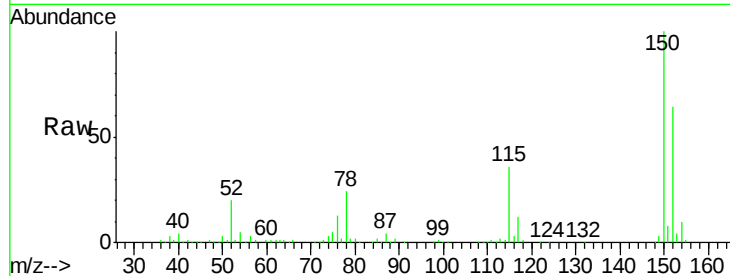


#1

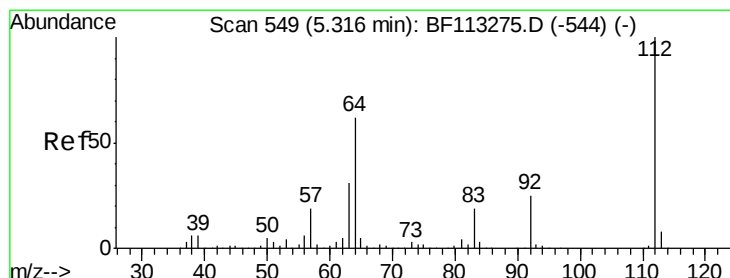
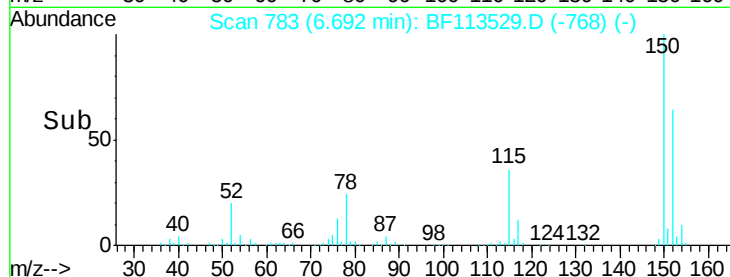
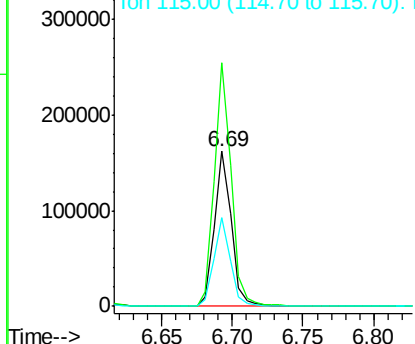
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113529.D
Acq: 3 Apr 2019 3:46

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-86-87-SOIL

Tgt Ion:152 Resp: 134719
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 57.0 46.0 69.0



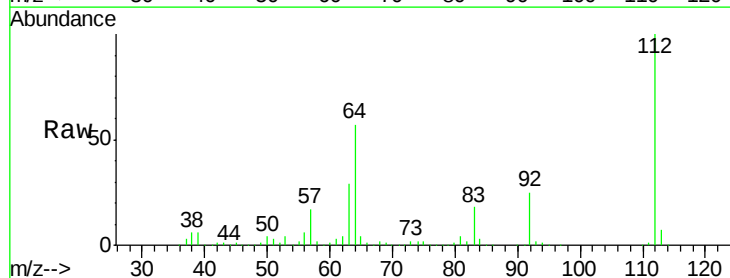
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



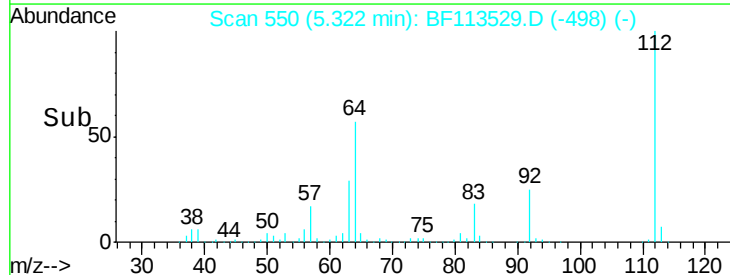
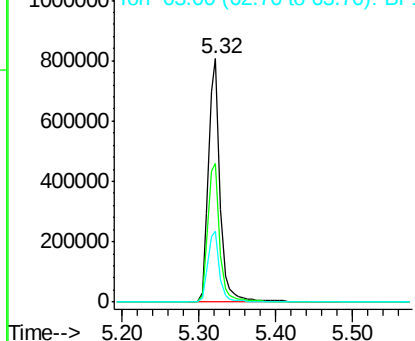
#5

2-Fluorophenol
Concen: 103.092 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113529.D
Acq: 3 Apr 2019 3:46

Tgt Ion:112 Resp: 849388
Ion Ratio Lower Upper
112 100
64 57.0 49.2 73.8
63 29.2 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: 91.810 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113529.D

Acq: 3 Apr 2019 3:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-86-87-SOIL

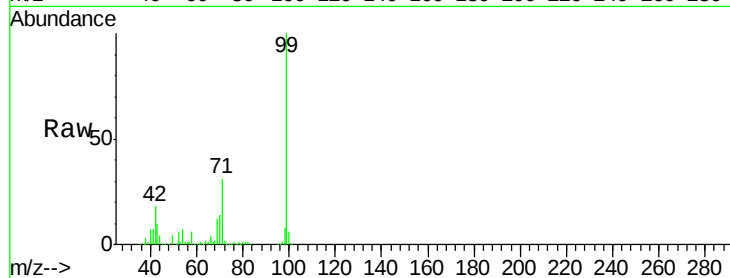
Tgt Ion: 99 Resp: 956922

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

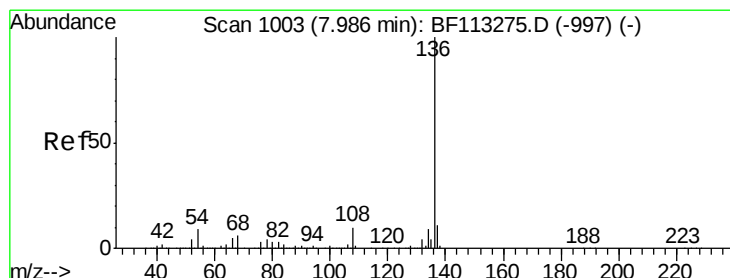
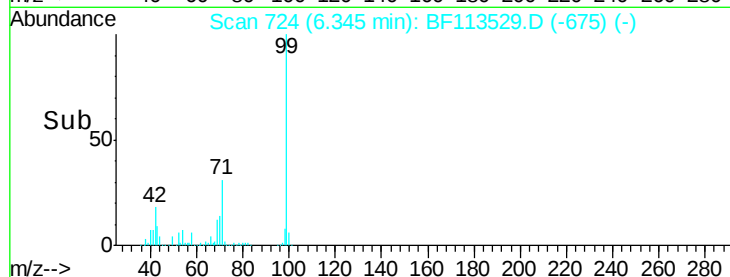
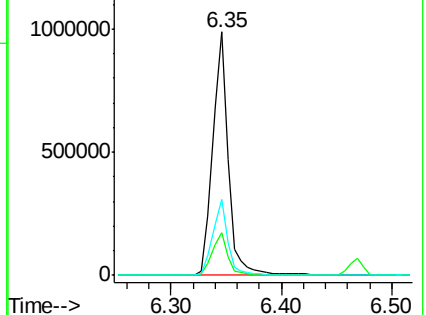
71 31.3 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113529.D

Acq: 3 Apr 2019 3:46

Tgt Ion: 136 Resp: 475046

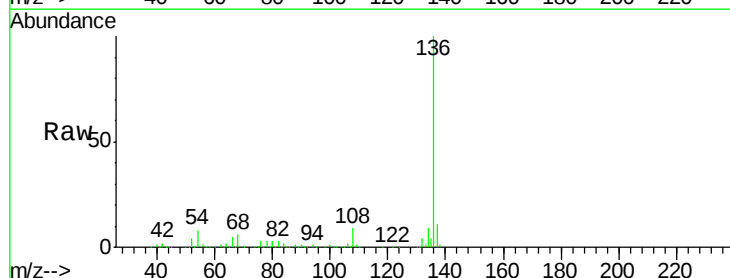
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.5 7.0 10.6

68 5.7 4.8 7.2

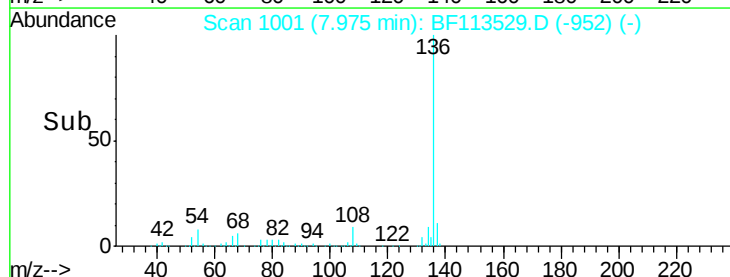
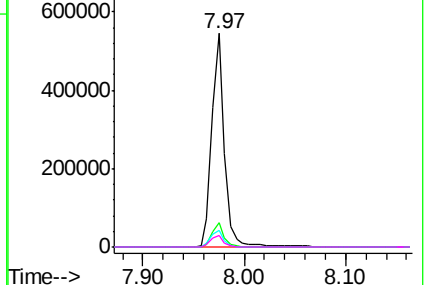


Abundance Ion 136.00 (135.70 to 136.70): E

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

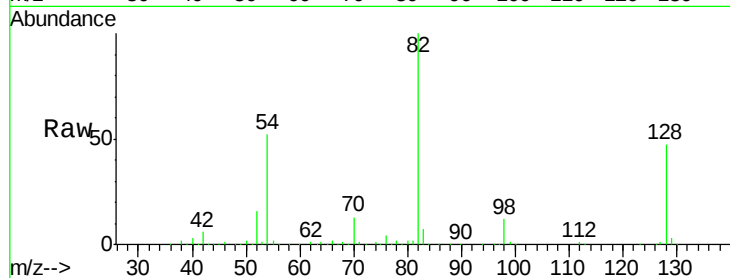




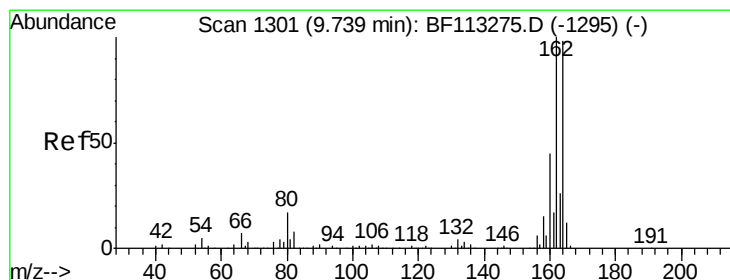
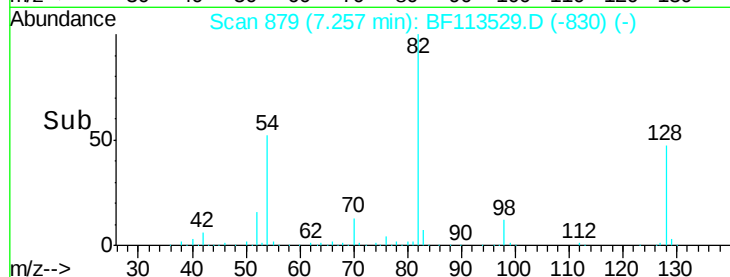
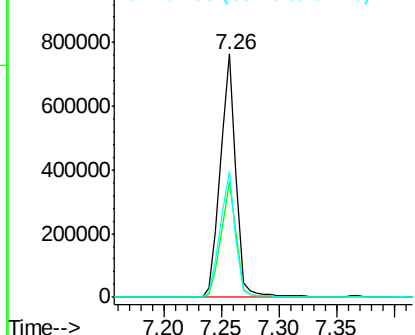
#23
 Nitrobenzene-d5
 Concen: 90.713 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF113529.D
 Acq: 3 Apr 2019 3:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-86-87-SOIL

Tgt Ion: 82 Resp: 726028
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.5 54.7
 54 51.6 42.2 63.2

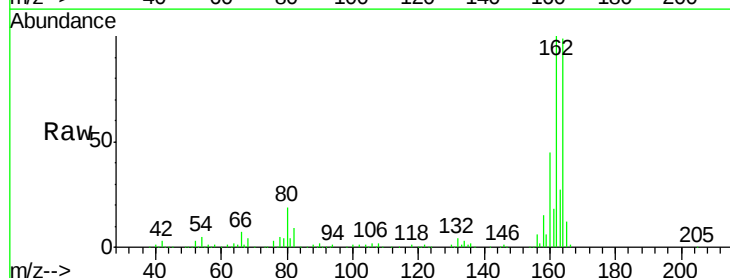


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

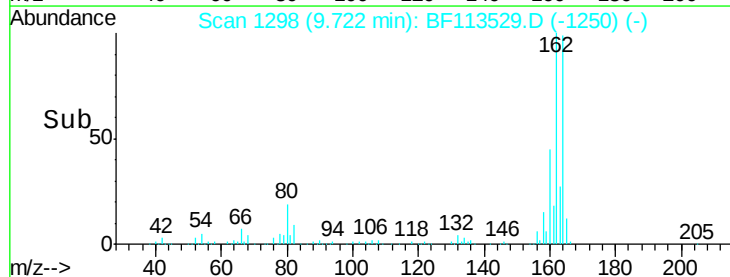
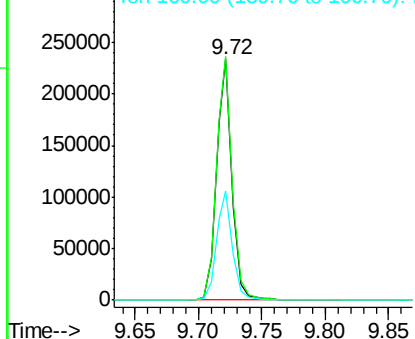


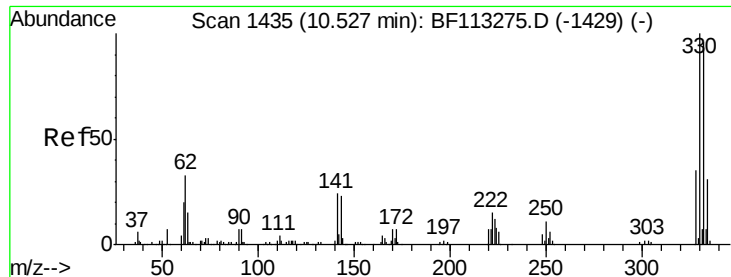
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF113529.D
 Acq: 3 Apr 2019 3:46

Tgt Ion: 164 Resp: 201165
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.8 122.6
 160 45.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

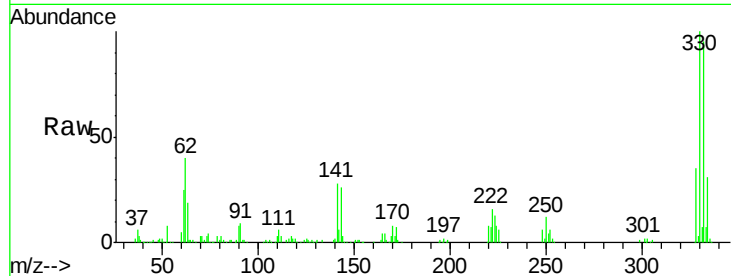




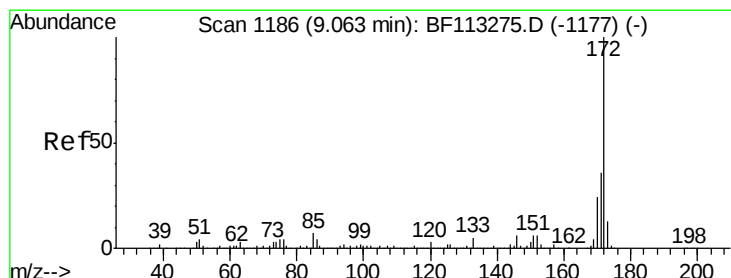
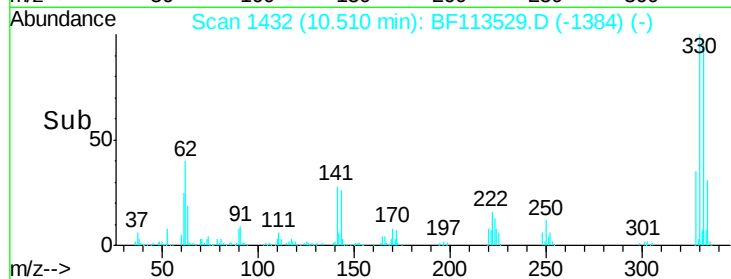
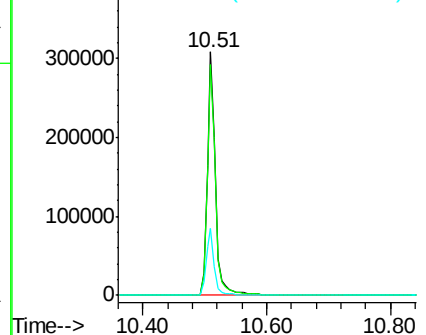
#42
 2,4,6-Tribromophenol
 Concen: 116.892 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113529.D
 Acq: 3 Apr 2019 3:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-TRACK-86-87-SOIL

Tgt Ion:330 Resp: 290458
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.8 116.6
 141 27.6 22.7 34.1

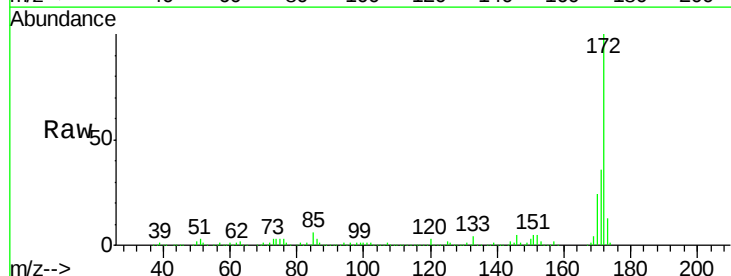


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

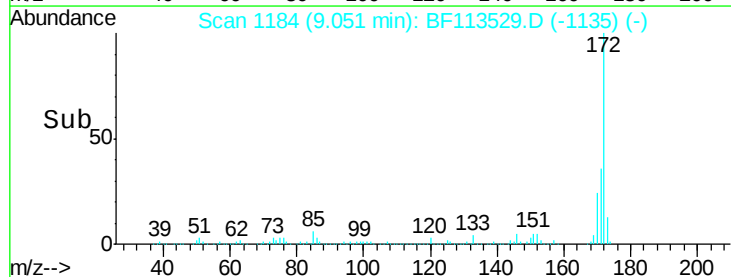
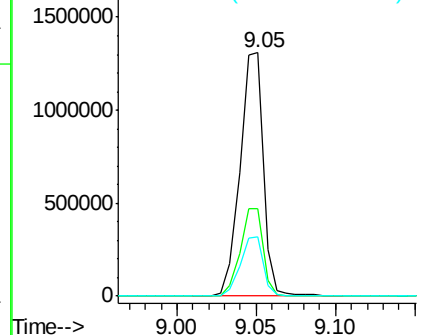


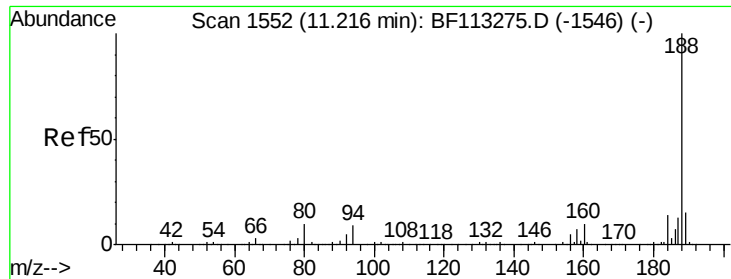
#45
 2-Fluorobiphenyl
 Concen: 109.457 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF113529.D
 Acq: 3 Apr 2019 3:46

Tgt Ion:172 Resp: 1339710
 Ion Ratio Lower Upper
 172 100
 171 36.1 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

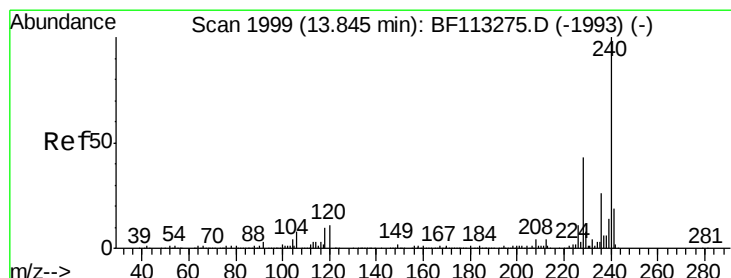
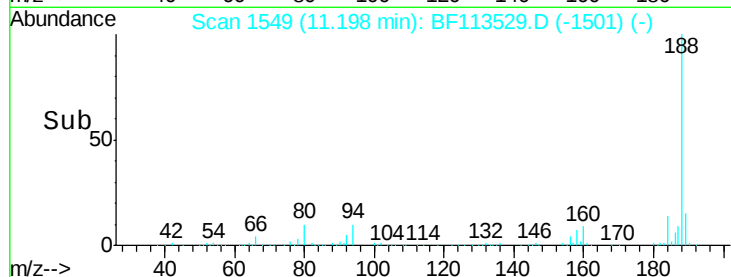
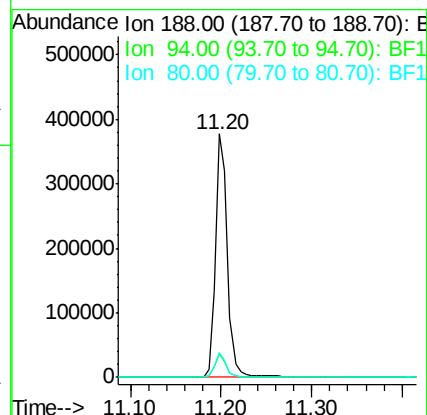
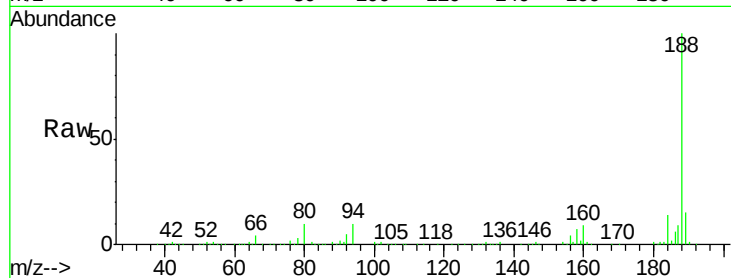




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113529.D
Acq: 3 Apr 2019 3:46

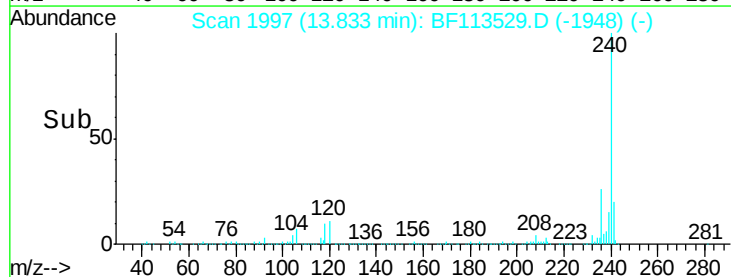
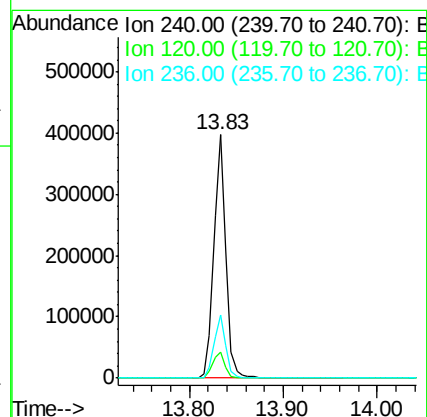
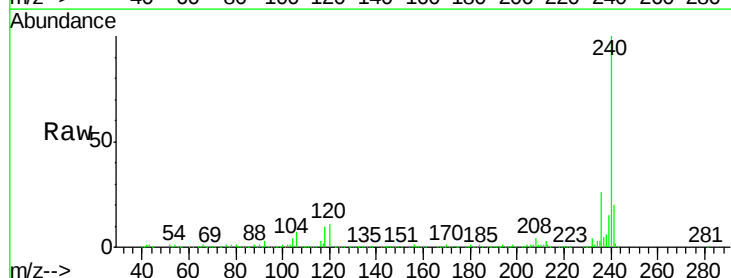
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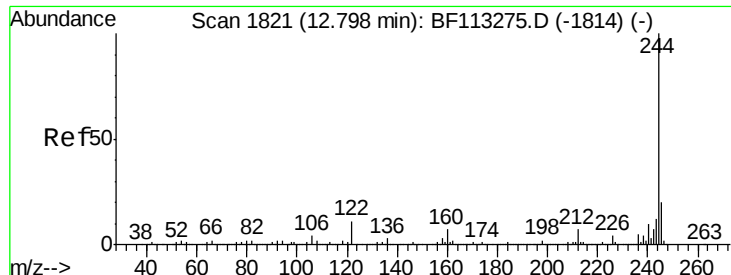
Tgt Ion:188 Resp: 350475
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113529.D
Acq: 3 Apr 2019 3:46

Tgt Ion:240 Resp: 360439
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 85.289 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113529.D

Acq: 3 Apr 2019 3:46

Instrument :

BNA_F

ClientSampleId :

TP-TRACK-86-87-SOIL

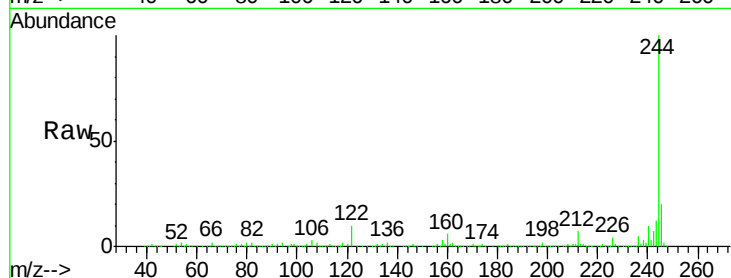
Tgt Ion:244 Resp: 1394702

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 10.2 8.6 13.0

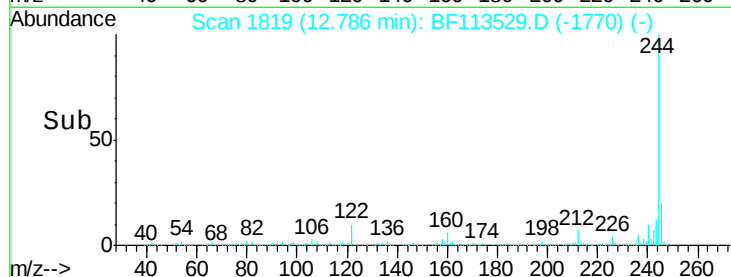


Abundance Ion 244.00 (243.70 to 244.70): E

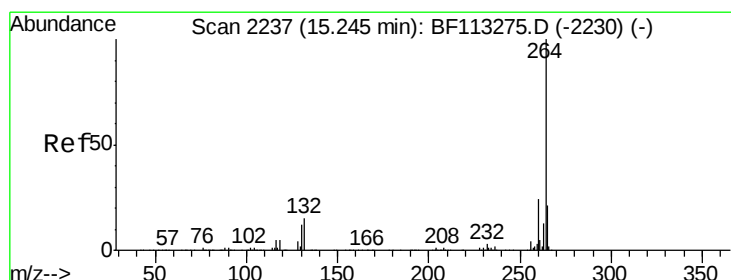
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113529.D

Acq: 3 Apr 2019 3:46

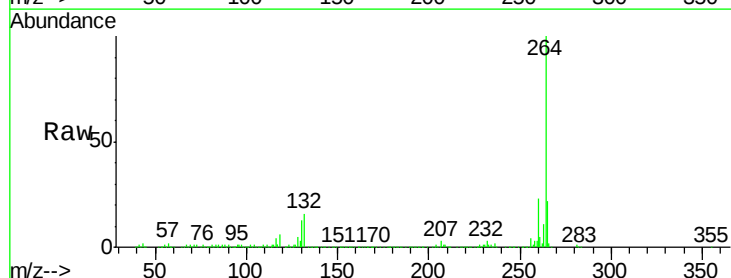
Tgt Ion:264 Resp: 273435

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.1 25.7

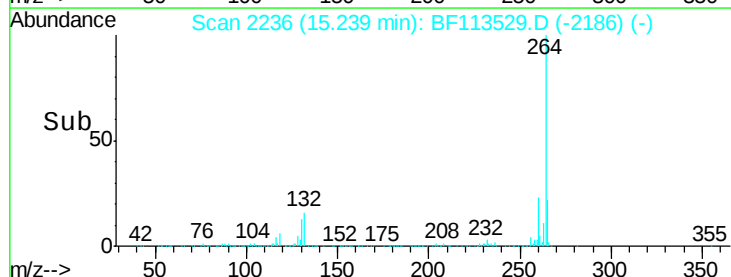


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->