

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
 Data File : BF119578.D
 Acq On : 27 Mar 2020 20:28
 Operator : CG/JU
 Sample : L2032-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-CUTTINGS-1

Quant Time: Mar 28 02:44:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

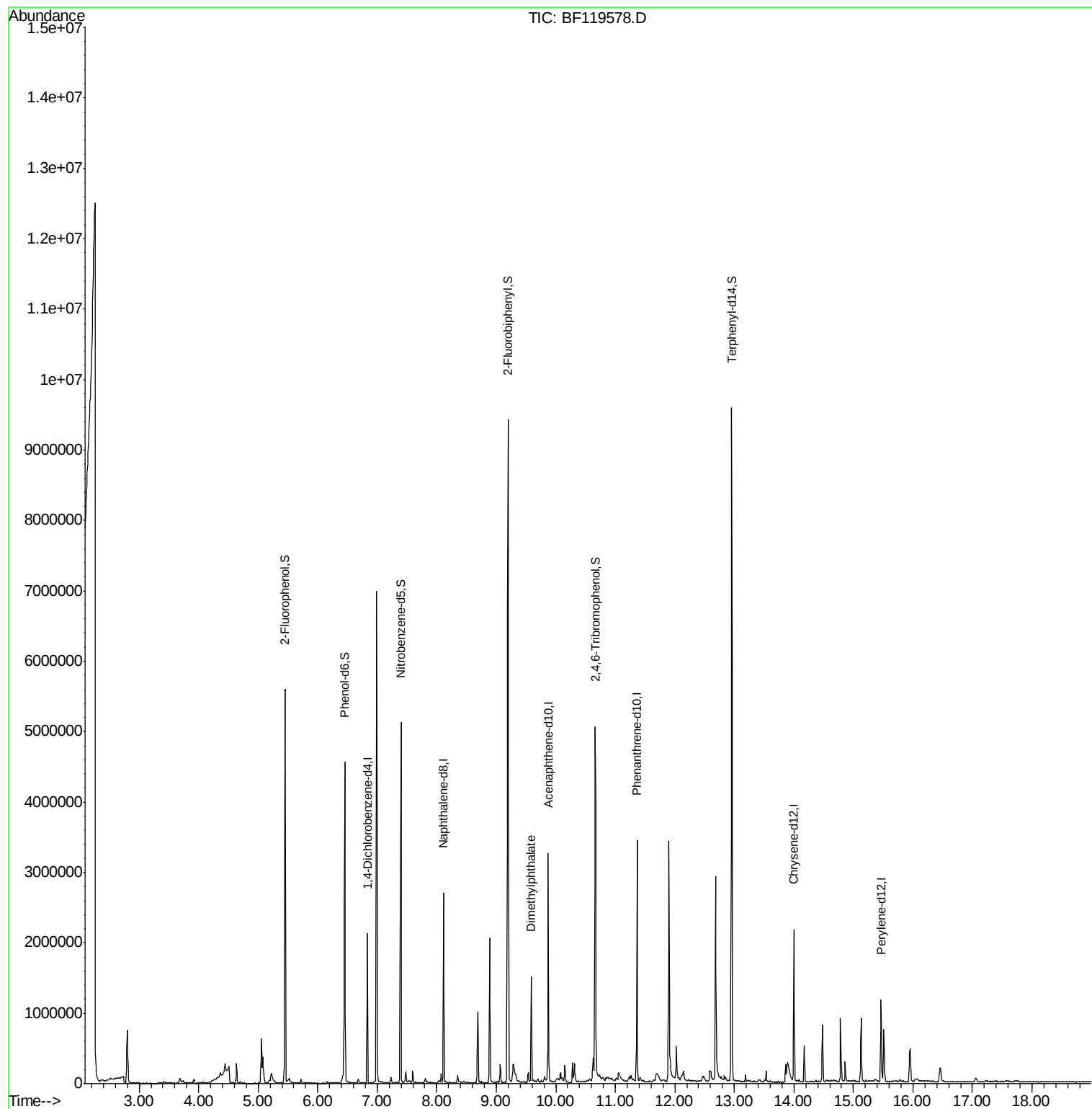
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	289801	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1095826	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	599153	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1144152	20.00	ng	0.00
76) Chrysene-d12	14.00	240	707833	20.00	ng	-0.01
87) Perylene-d12	15.47	264	572522	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1527026	83.88	ng	0.01
7) Phenol-d6	6.46	99	1579308	67.91	ng	0.00
23) Nitrobenzene-d5	7.40	82	1726360	85.62	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	637266	103.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3121373	77.18	ng	0.00
79) Terphenyl-d14	12.96	244	3620441	100.21	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	600791	14.117	ng	Qvalue 98

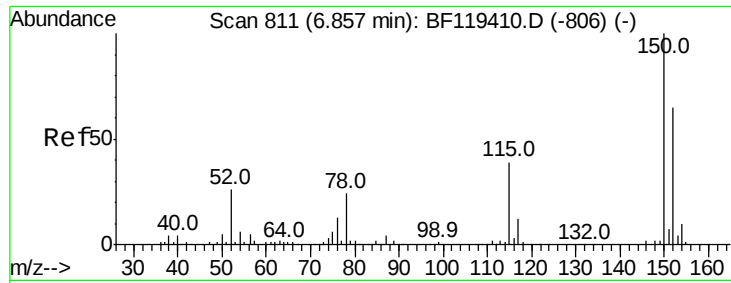
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

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SOIL-CUTTINGS-1

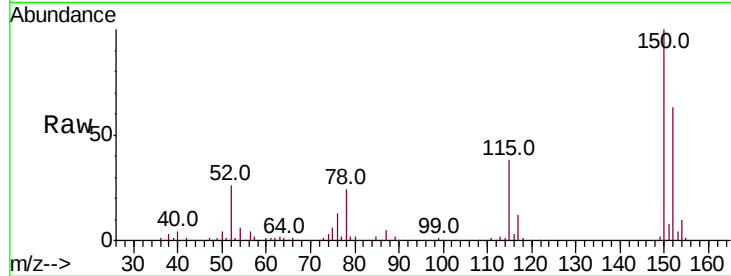
Tot Ion:152 Resp: 289801

Ion Ratio Lower Upper

152 100

150 157.9 124.5 186.7

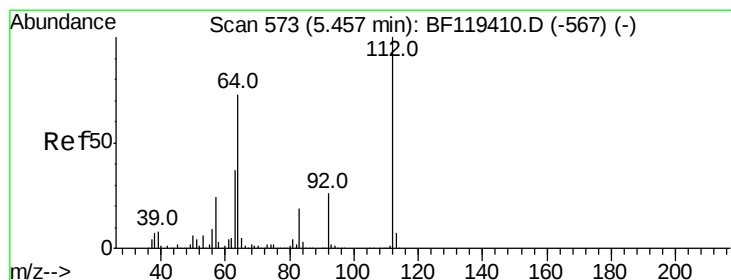
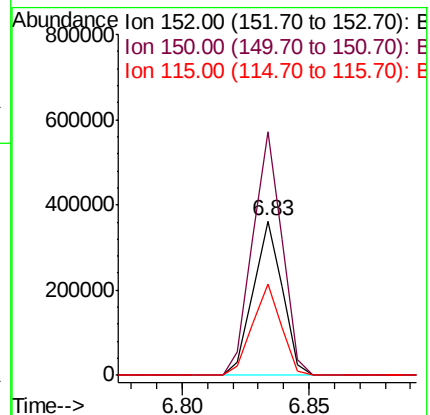
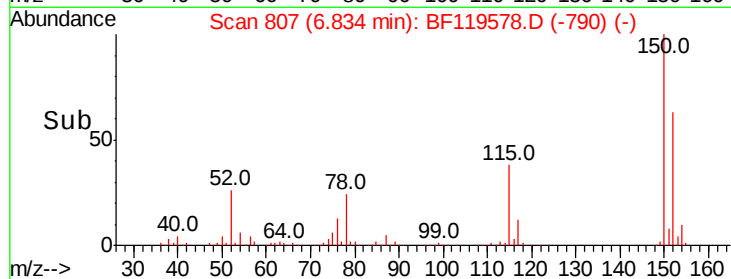
115 59.6 49.6 74.4



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: 83.881 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF119578.D

Acq: 27 Mar 2020 20:28

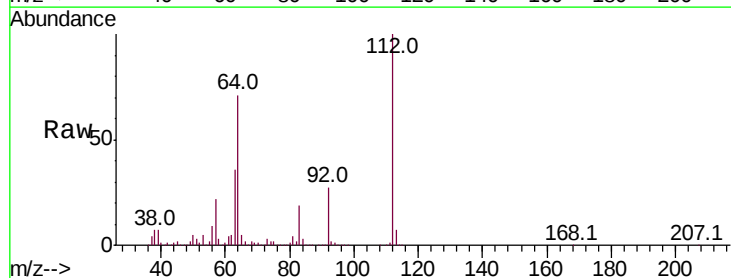
Tgt Ion:112 Resp: 1527026

Ion Ratio Lower Upper

112 100

64 71.4 56.7 85.1

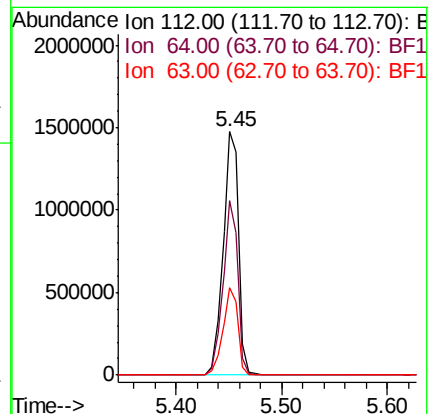
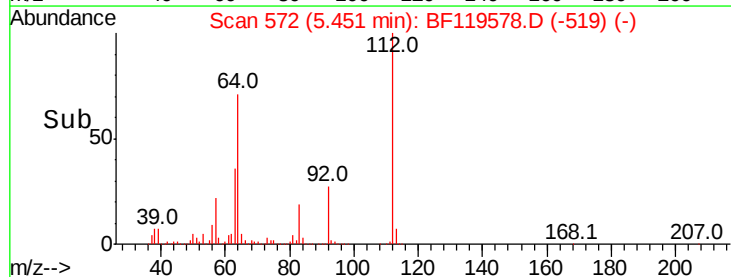
63 36.1 29.5 44.3

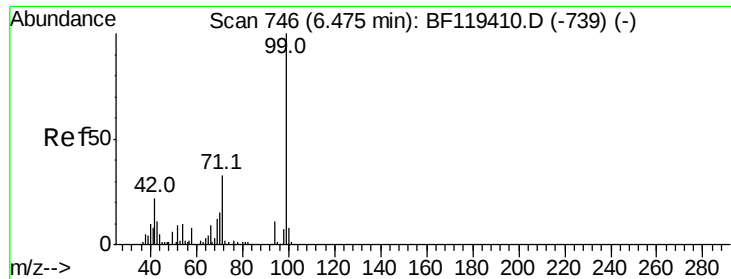


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 67.912 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119578.D

Acq: 27 Mar 2020 20:28

Instrument :

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SOIL-CUTTINGS-1

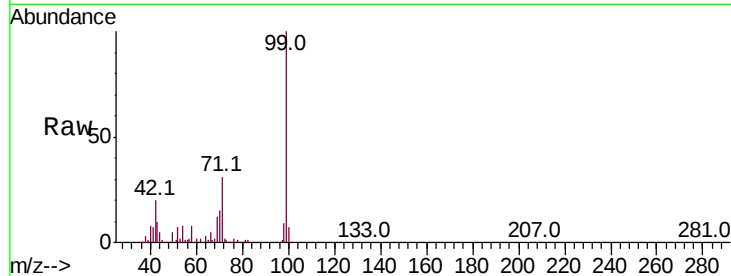
Tot Ion: 99 Resp: 1579308

Ion Ratio Lower Upper

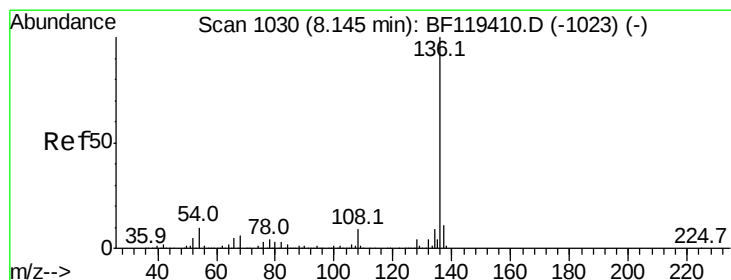
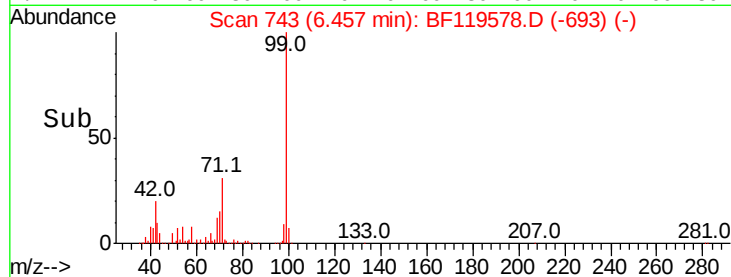
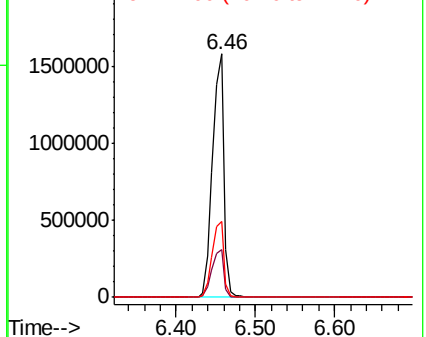
99 100

42 19.5 16.6 24.8

71 31.1 26.4 39.6



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119578.D

Acq: 27 Mar 2020 20:28

Tgt Ion: 136 Resp: 1095826

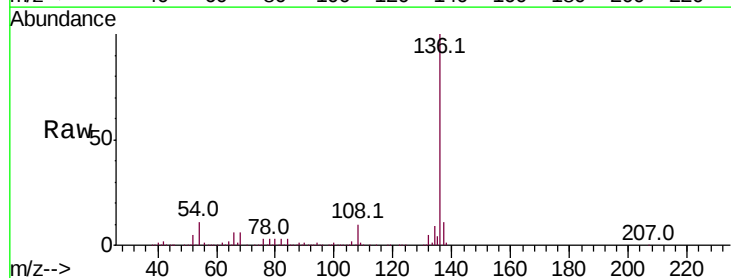
Ion Ratio Lower Upper

136 100

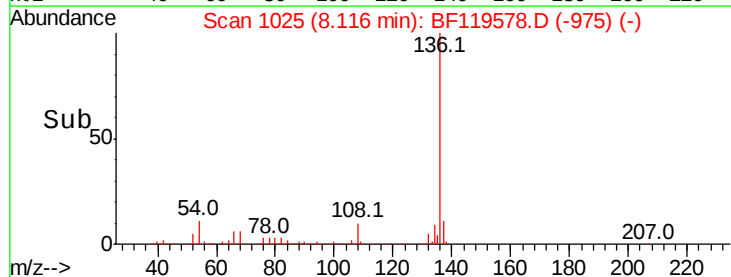
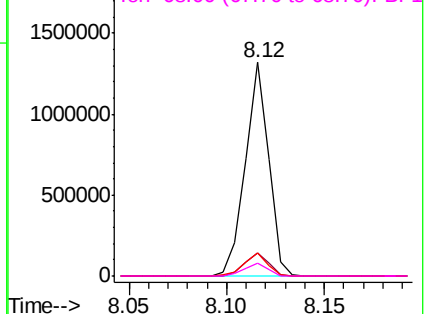
137 11.1 8.7 13.1

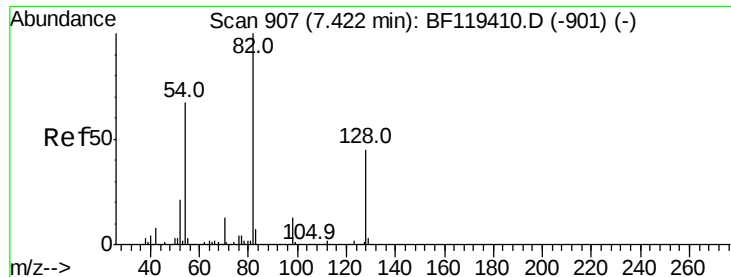
54 10.7 9.1 13.7

68 5.8 4.6 6.8



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: 85.619 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119578.D

Acq: 27 Mar 2020 20:28

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-1

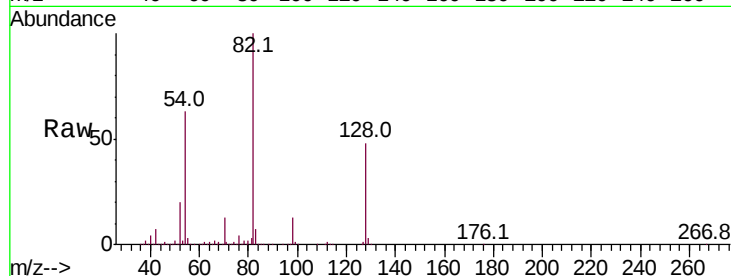
Tot Ion: 82 Resp: 1726360

Ion Ratio Lower Upper

82 100

128 47.8 36.3 54.5

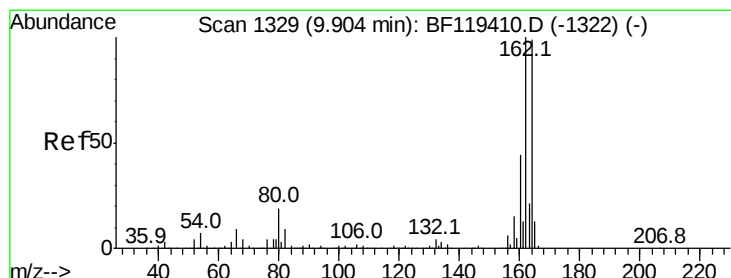
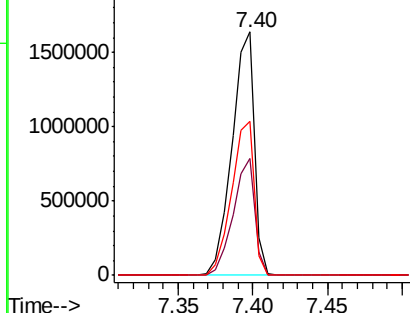
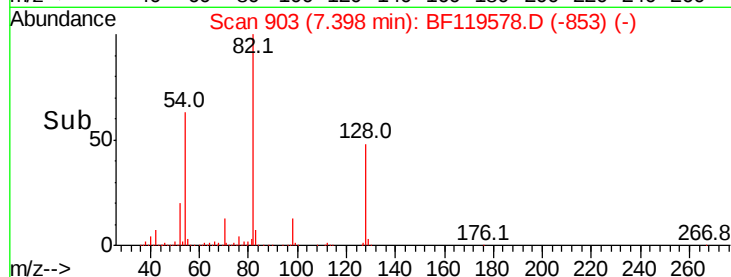
54 63.0 50.6 75.8



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119578.D

Acq: 27 Mar 2020 20:28

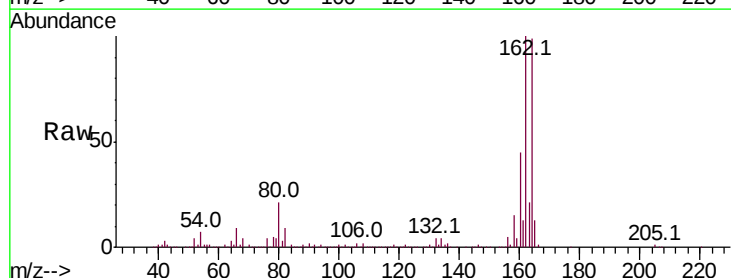
Tgt Ion:164 Resp: 599153

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

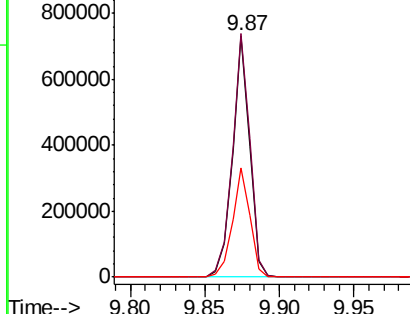
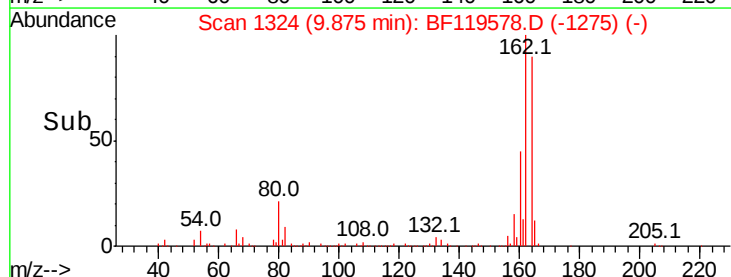
160 45.4 35.7 53.5

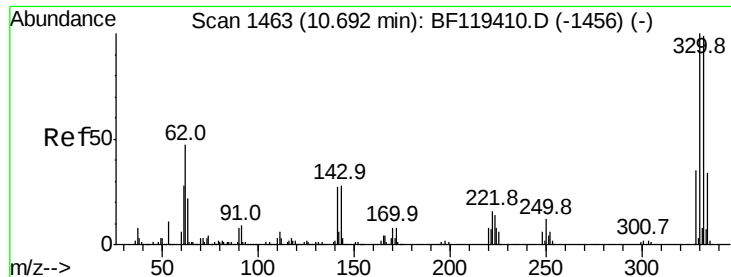


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

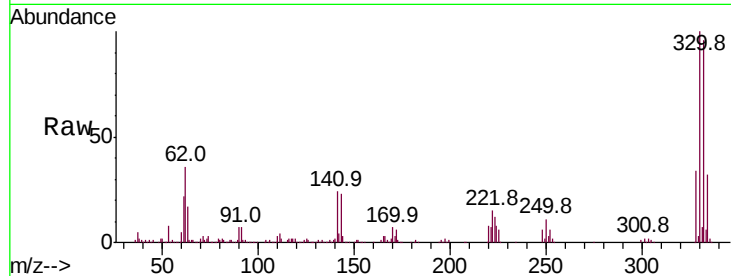




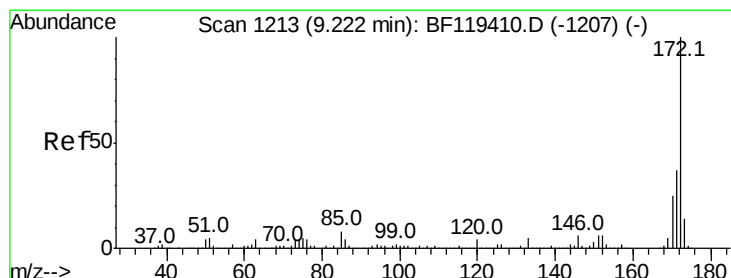
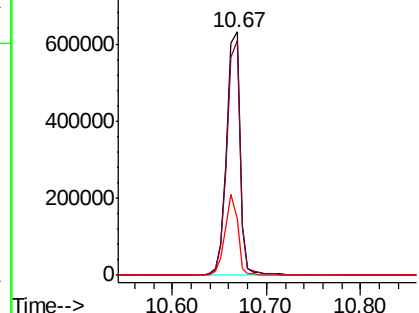
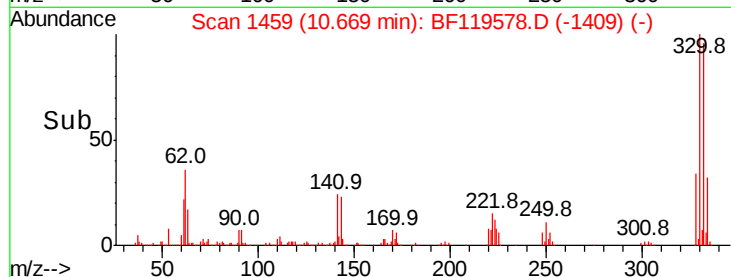
#42
 2,4,6-Tribromophenol
 Concen: 103.097 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119578.D
 Acq: 27 Mar 2020 20:28

Instrument :
 BNA_F
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 SOIL-CUTTINGS-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	31.6	25.4	38.0

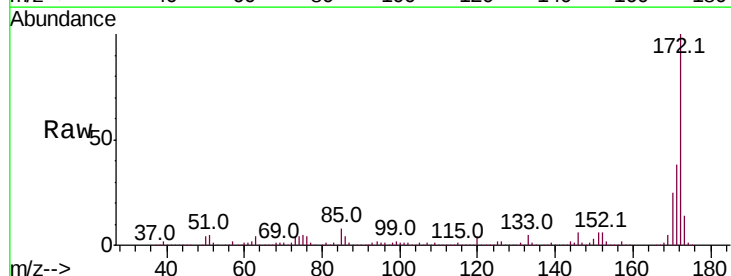


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

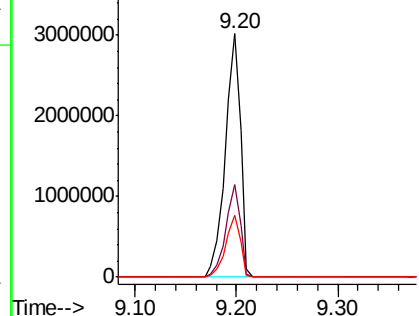
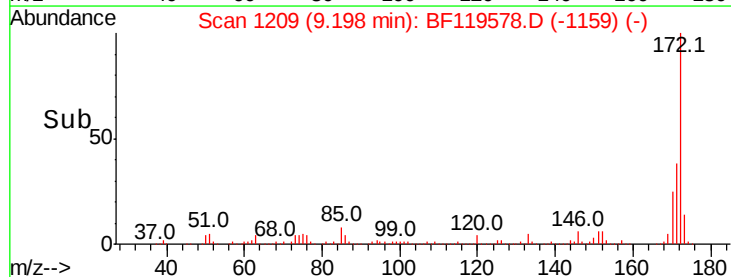


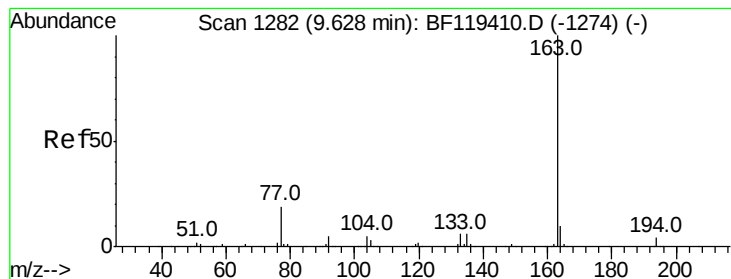
#45
 2-Fluorobiphenyl
 Concen: 77.179 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119578.D
 Acq: 27 Mar 2020 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	25.4	20.2	30.2



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: 14.117 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF119578.D

Acq: 27 Mar 2020 20:28

Instrument :

BNA_F

ClientSampleId :

SOIL-CUTTINGS-1

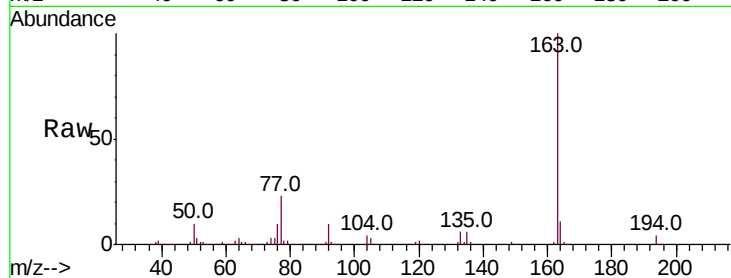
Tot Ion:163 Resp: 600791

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

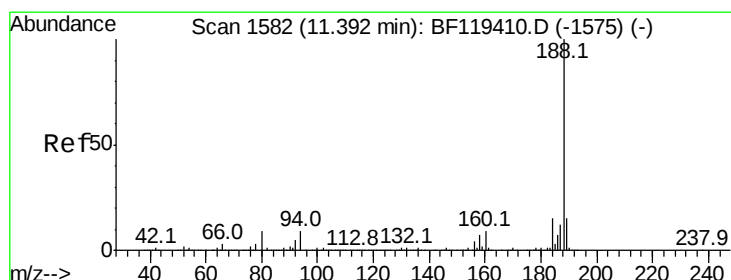
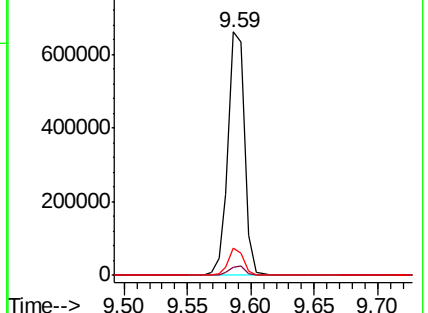
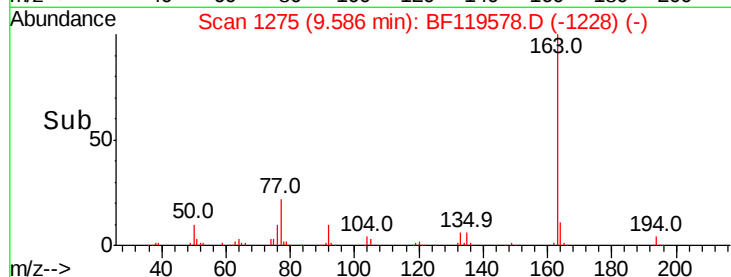
164 11.0 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119578.D

Acq: 27 Mar 2020 20:28

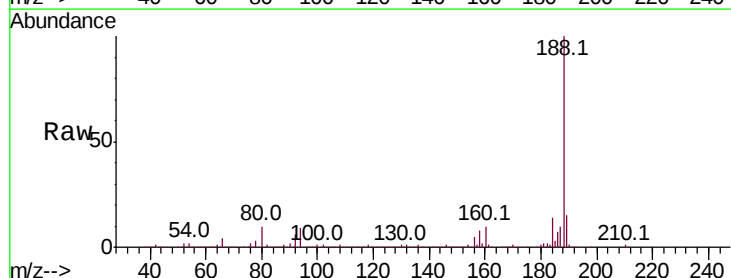
Tgt Ion:188 Resp: 1144152

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

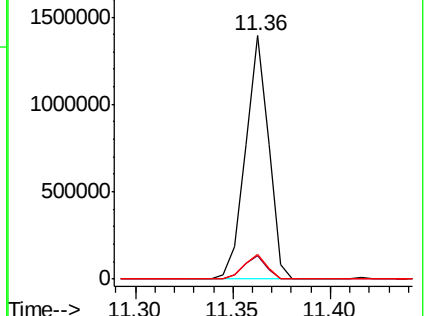
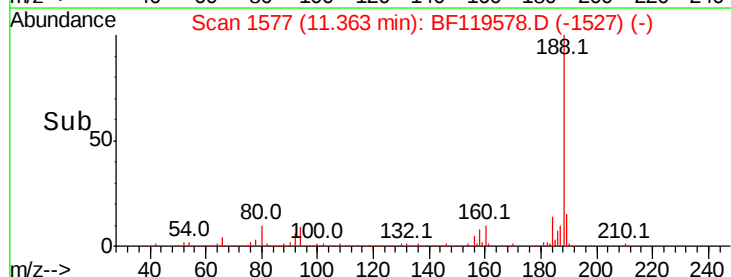
80 10.4 9.0 13.4

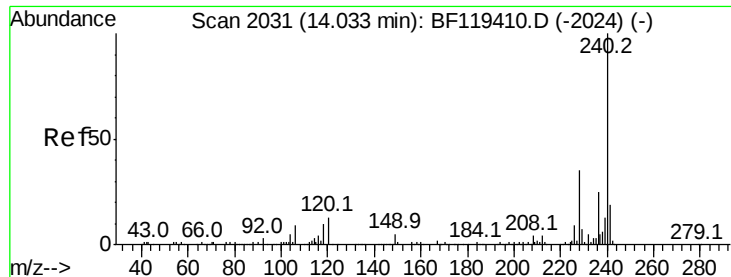


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

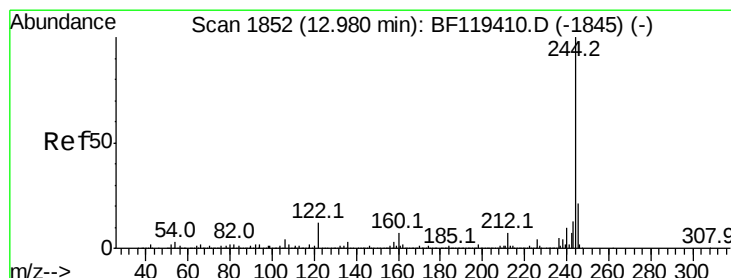
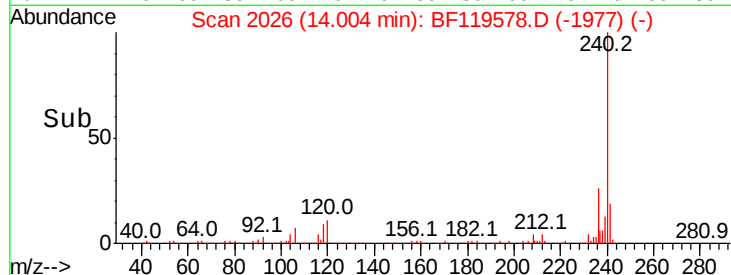
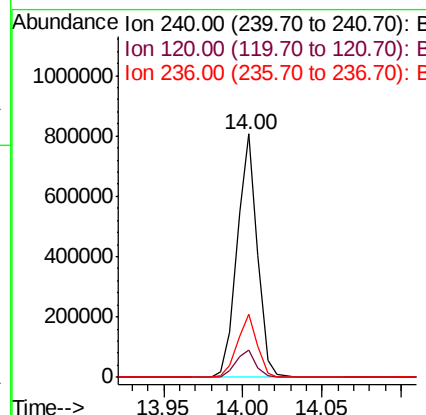
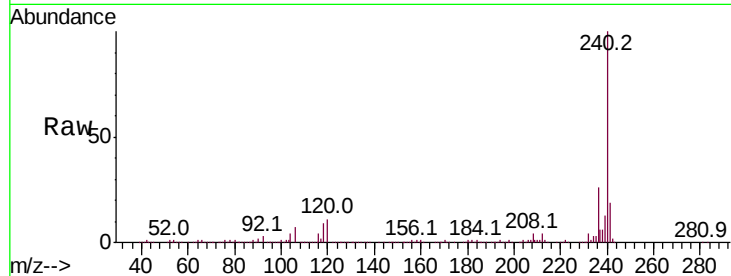




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF119578.D
 Acq: 27 Mar 2020 20:28

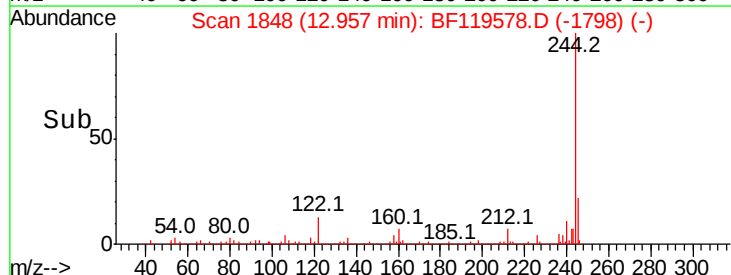
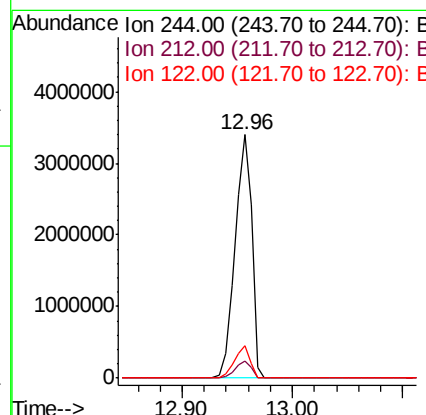
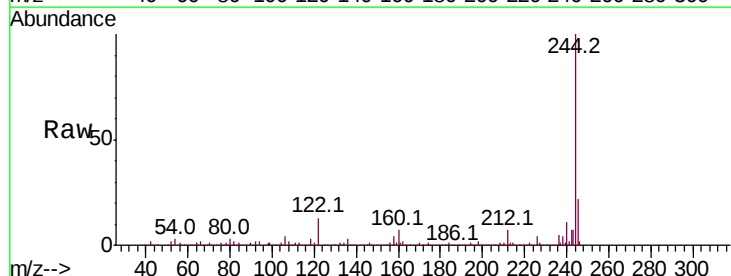
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 SOIL-CUTTINGS-1

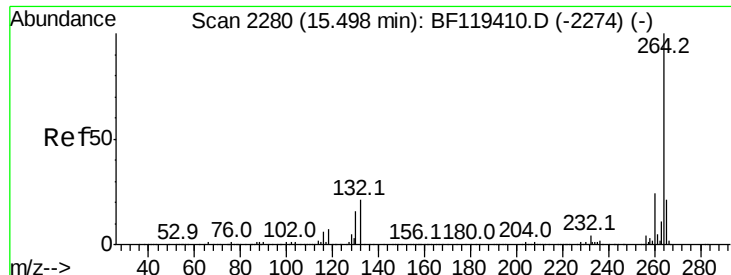
Tot Ion:240 Resp: 707833
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 25.8 20.2 30.2



#79
 Terphenyl-d14
 Concen: 100.210 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF119578.D
 Acq: 27 Mar 2020 20:28

Tgt Ion:244 Resp: 3620441
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.4 10.3 15.5

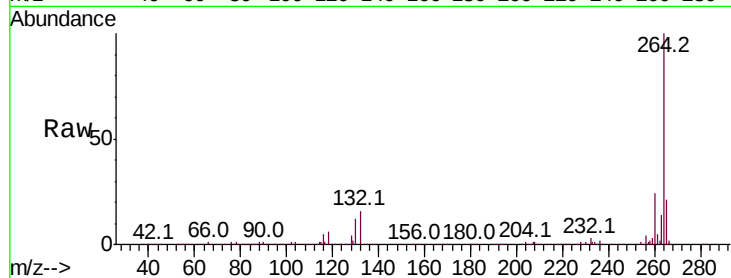




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF119578.D
Acq: 27 Mar 2020 20:28

Instrument :
BNA_F
ClientSampleId :
SOIL-CUTTINGS-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.8	17.7	26.5



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

