

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113947.D
 Acq On : 24 Apr 2019 4:06
 Operator : JU/SJ
 Sample : K2530-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILES

Quant Time: Apr 24 07:55:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

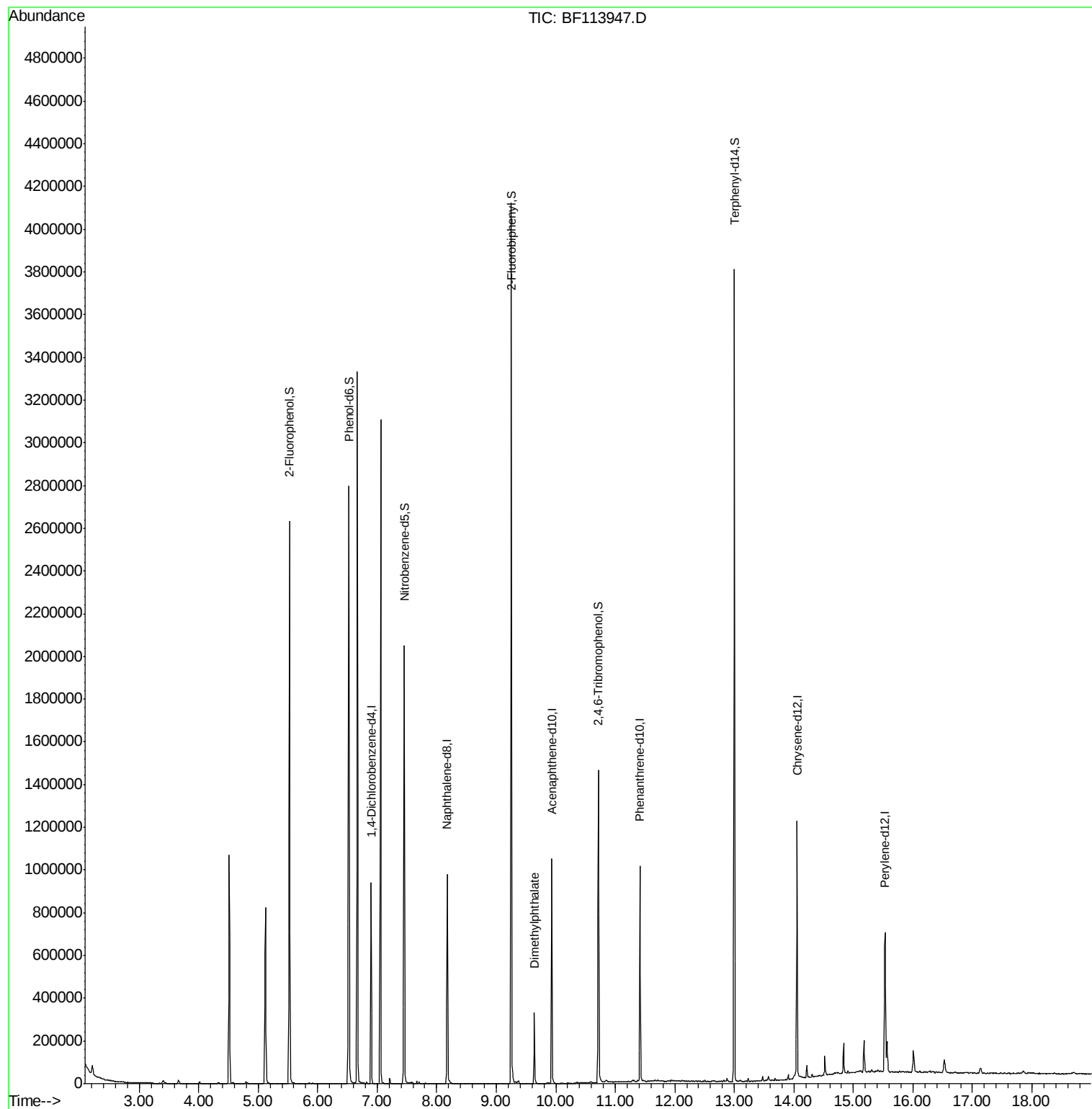
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	137647	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	467808	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	211701	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	364819	20.00	ng	0.00
76) Chrysene-d12	14.05	240	372433	20.00	ng	-0.02
87) Perylene-d12	15.53	264	319060	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	801832	99.63	ng	0.01
7) Phenol-d6	6.53	99	1155654	114.46	ng	0.00
23) Nitrobenzene-d5	7.46	82	732790	96.72	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	196518	76.20	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1392369	102.87	ng	0.00
79) Terphenyl-d14	13.00	244	1470823	80.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.64	163	140504	9.177	ng	Qvalue 98

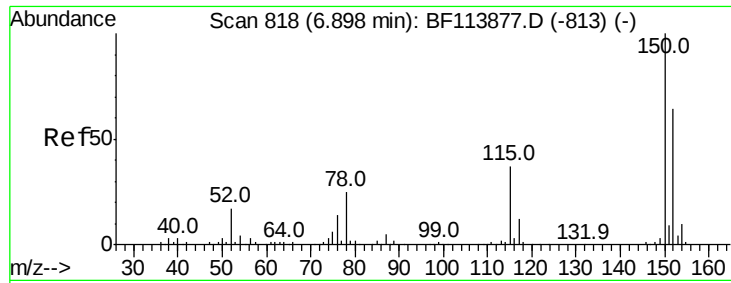
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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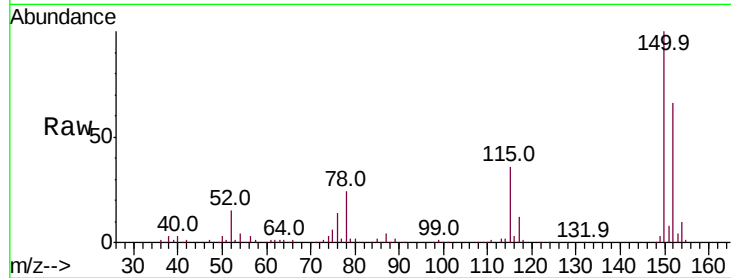


#1

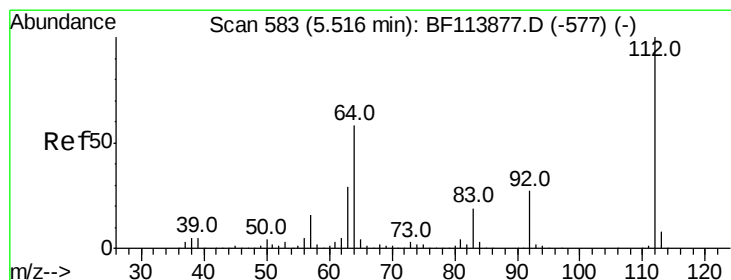
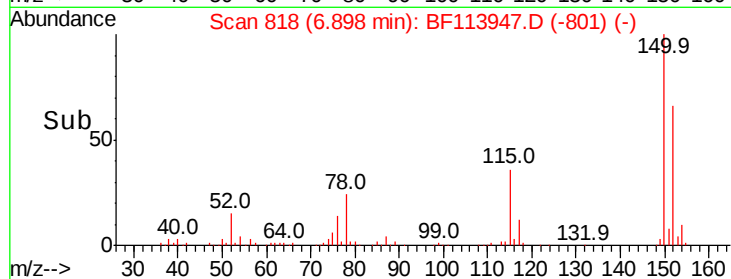
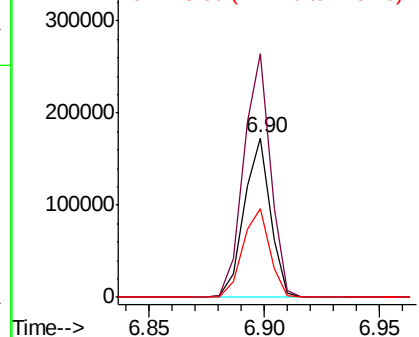
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113947.D
 Acq: 24 Apr 2019 4:06

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILES

Tot Ion:152 Resp: 137647
 Ion Ratio Lower Upper
 152 100
 150 152.7 125.9 188.9
 115 55.6 45.9 68.9



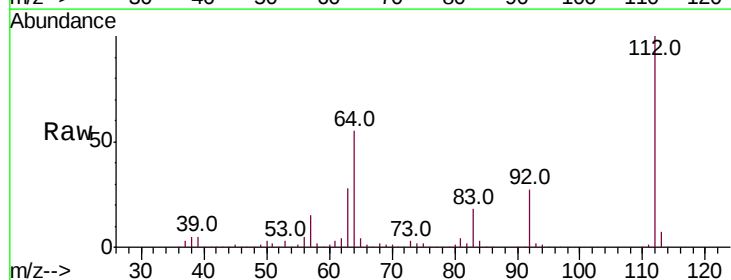
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



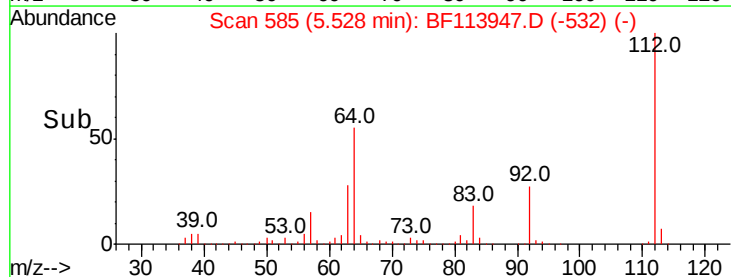
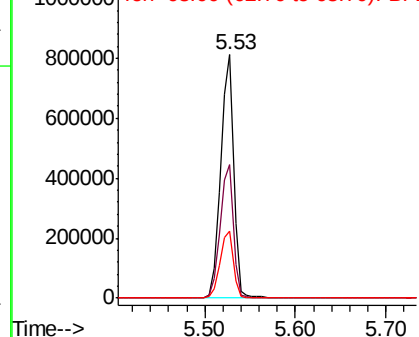
#5

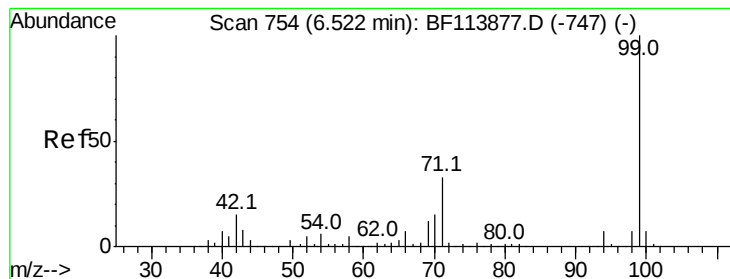
2-Fluorophenol
 Concen: 99.633 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF113947.D
 Acq: 24 Apr 2019 4:06

Tgt Ion:112 Resp: 801832
 Ion Ratio Lower Upper
 112 100
 64 54.9 46.6 69.8
 63 27.6 23.1 34.7



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: 114.455 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113947.D

Acq: 24 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILES

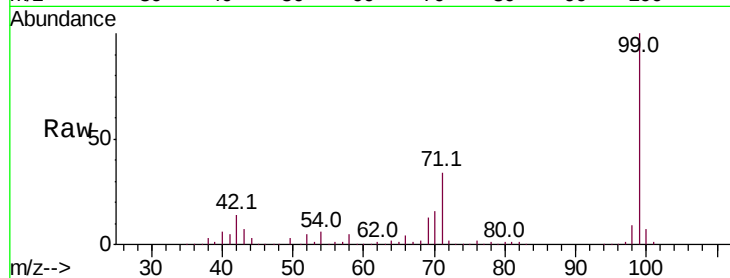
Tot Ion: 99 Resp: 1155654

Ion Ratio Lower Upper

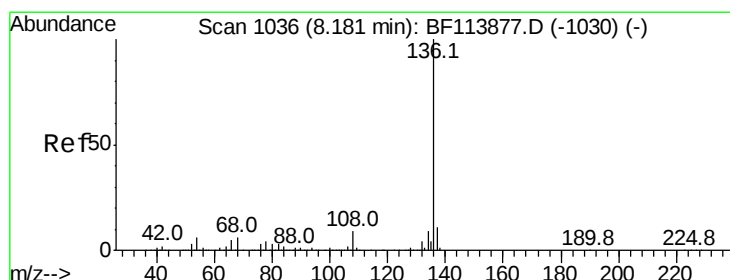
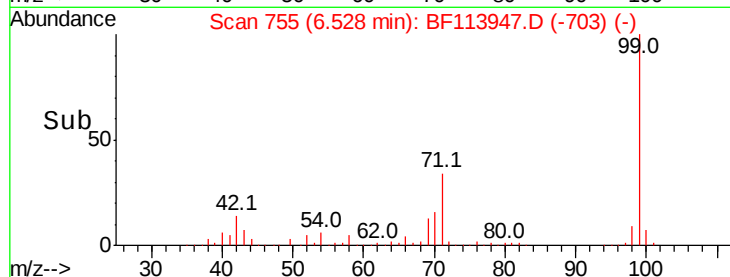
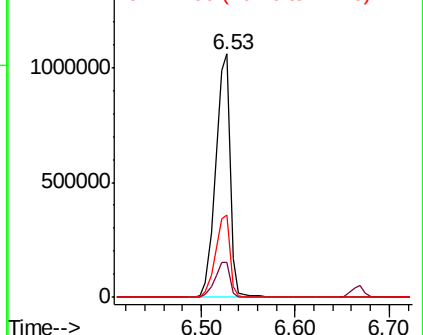
99 100

42 14.5 12.5 18.7

71 33.6 26.9 40.3



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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF113947.D

Acq: 24 Apr 2019 4:06

Tgt Ion: 136 Resp: 467808

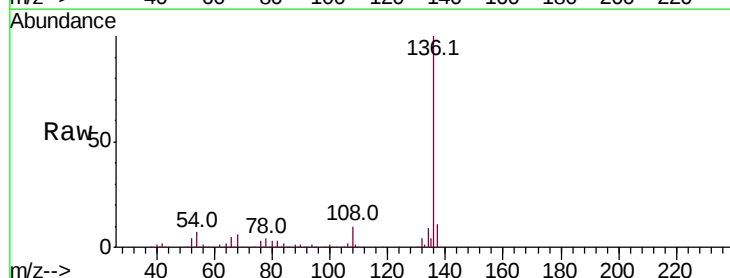
Ion Ratio Lower Upper

136 100

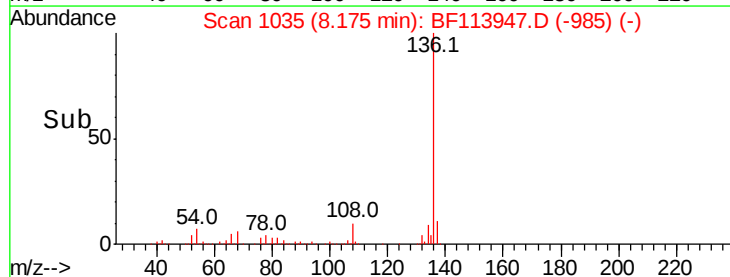
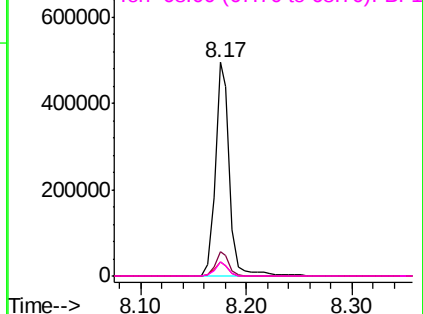
137 11.4 8.6 12.8

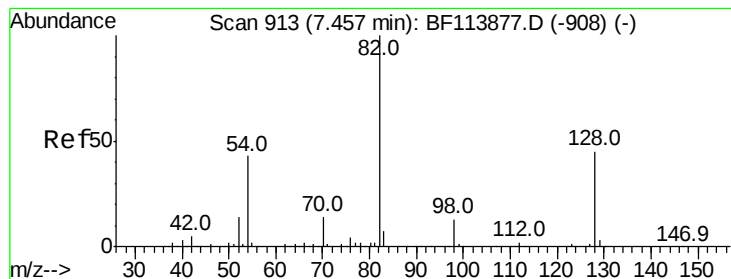
54 6.9 5.0 7.6

68 6.4 4.9 7.3



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: 96.718 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113947.D

Acq: 24 Apr 2019 4:06

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILES

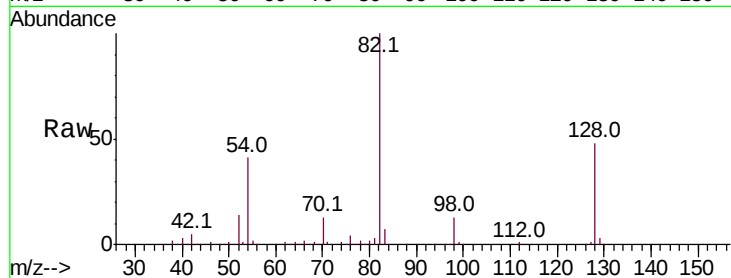
Tot Ion: 82 Resp: 732790

Ion Ratio Lower Upper

82 100

128 48.3 36.8 55.2

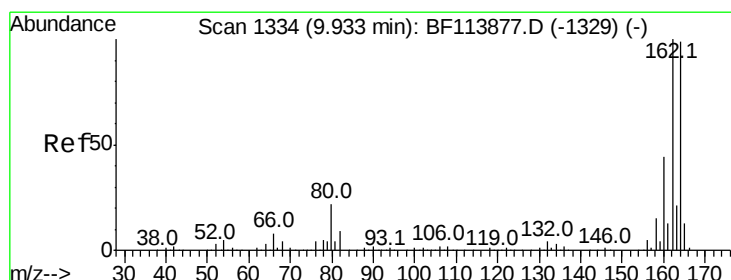
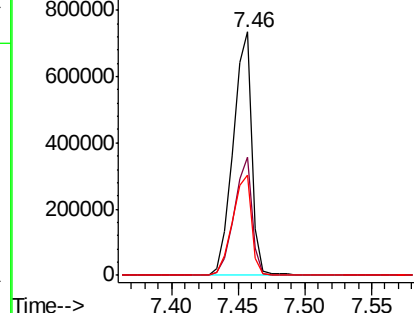
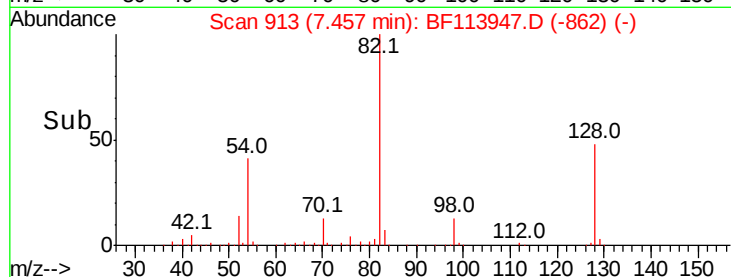
54 41.1 33.8 50.6



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: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113947.D

Acq: 24 Apr 2019 4:06

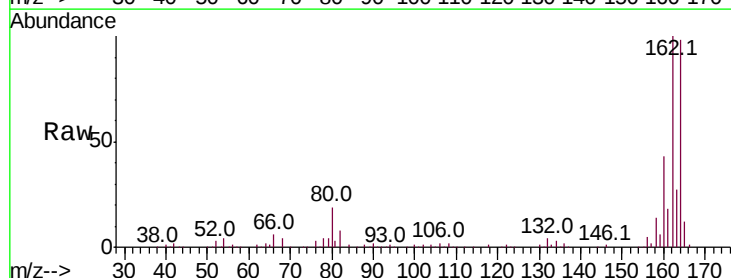
Tgt Ion:164 Resp: 211701

Ion Ratio Lower Upper

164 100

162 102.2 81.1 121.7

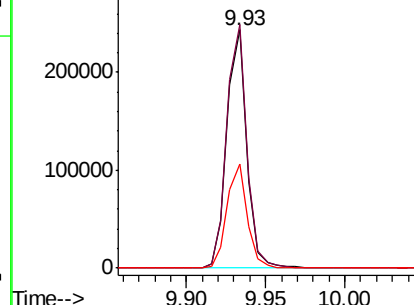
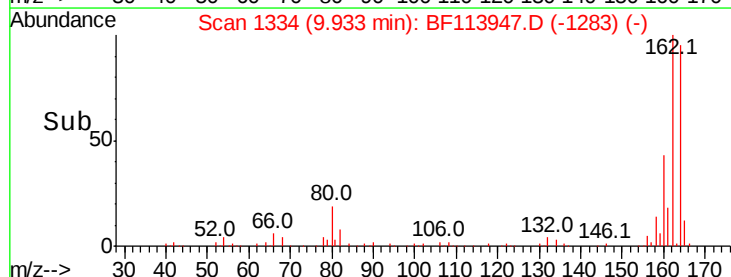
160 43.8 35.8 53.6

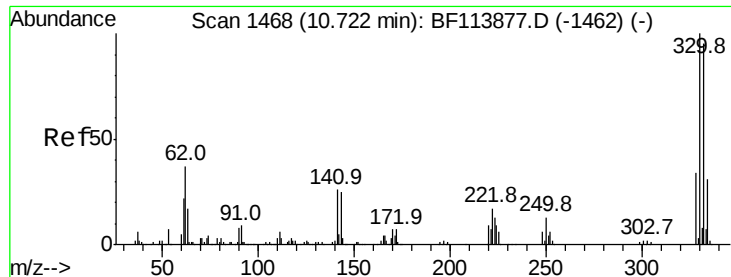


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

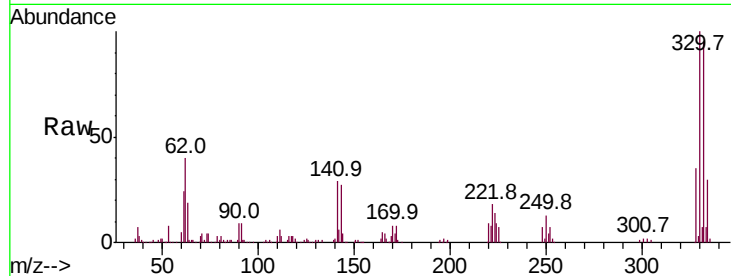




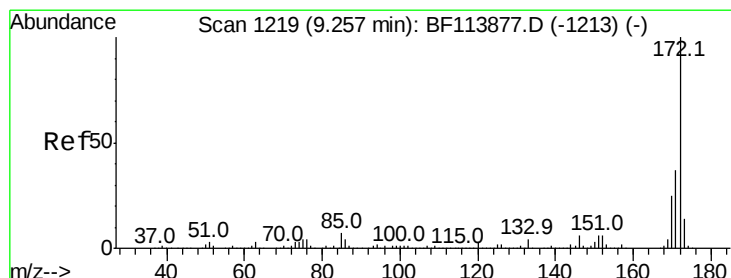
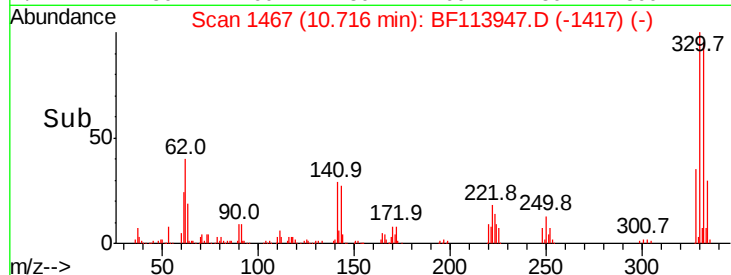
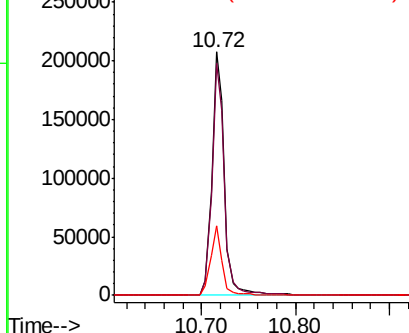
#42
 2,4,6-Tribromophenol
 Concen: 76.201 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113947.D
 Acq: 24 Apr 2019 4:06

Instrument :
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 ClientSampleId :
 CONCRETE-PILES

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.5	116.3
141	26.5	22.2	33.2

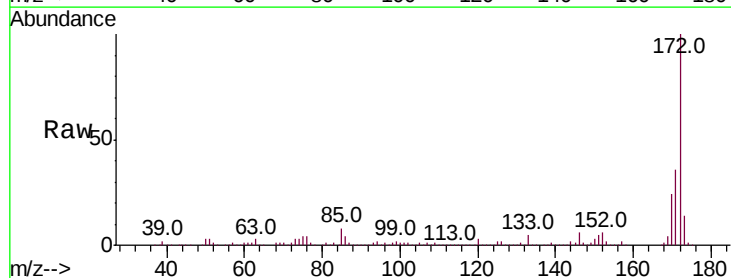


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

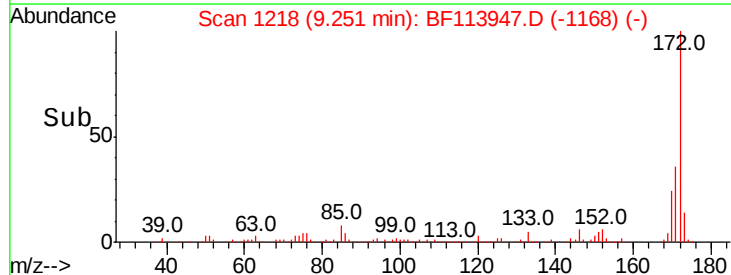
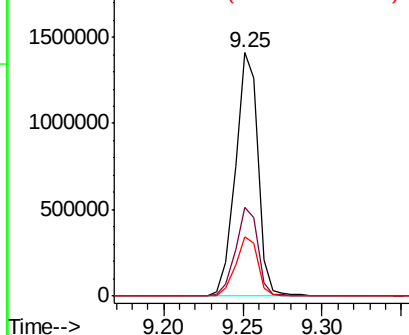


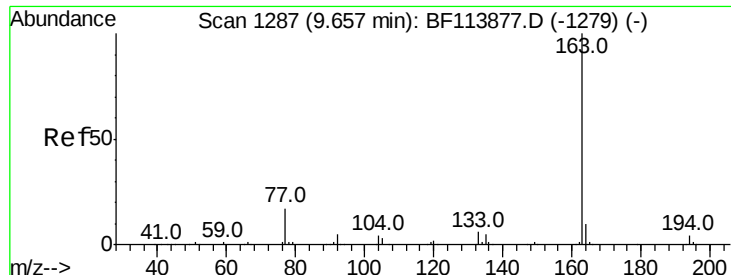
#45
 2-Fluorobiphenyl
 Concen: 102.867 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113947.D
 Acq: 24 Apr 2019 4:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.9	29.9



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

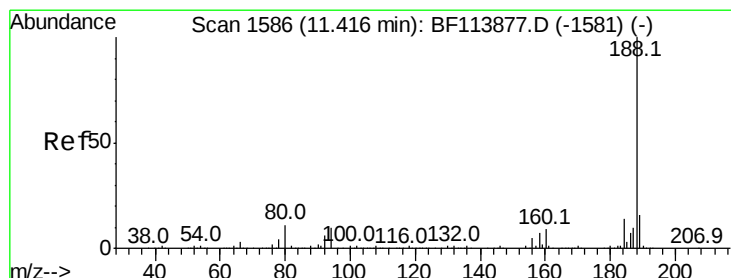
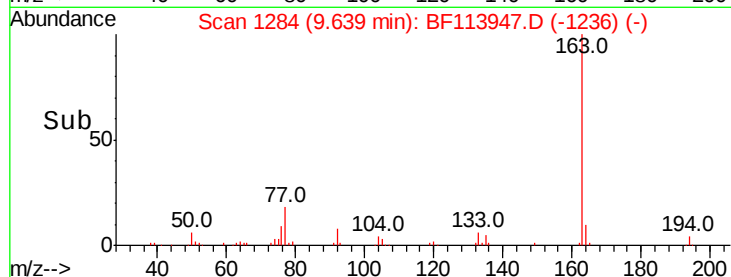
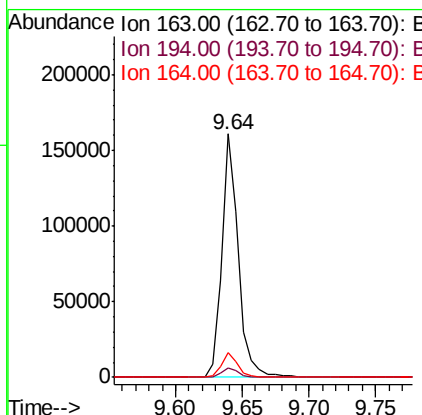
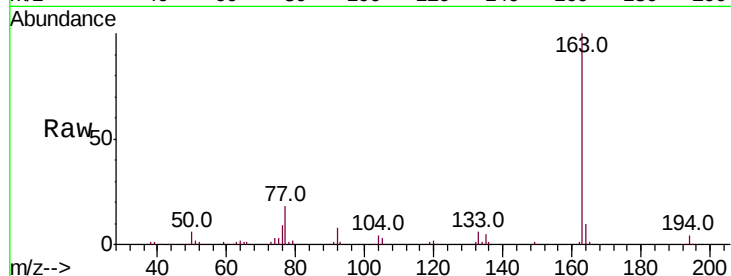




#50
Dimethylphthalate
Concen: 9.177 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

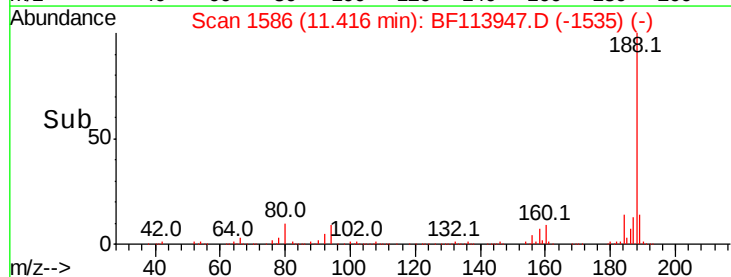
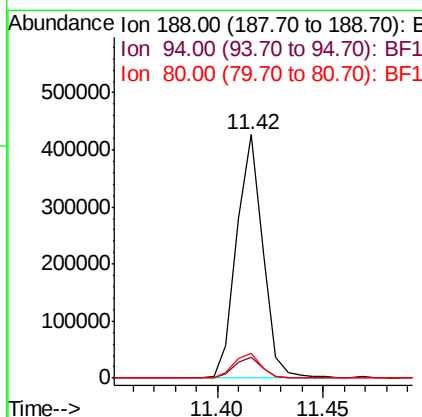
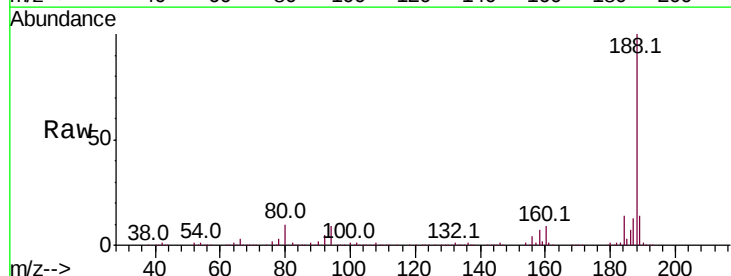
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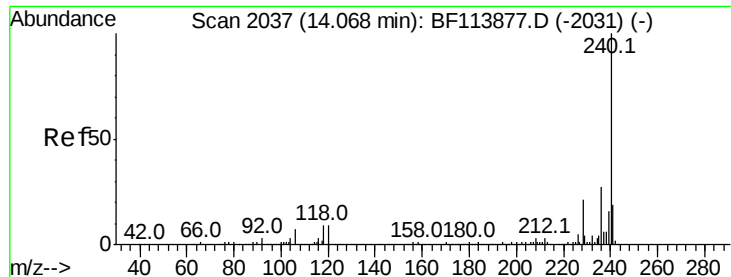
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.9	8.5	12.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF113947.D
Acq: 24 Apr 2019 4:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	10.1	9.0	13.6

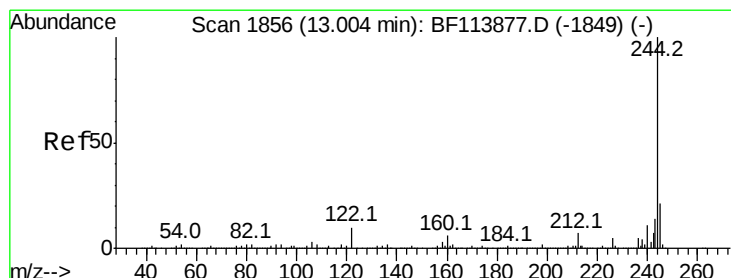
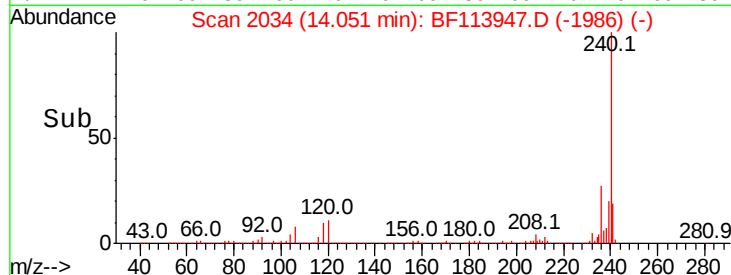
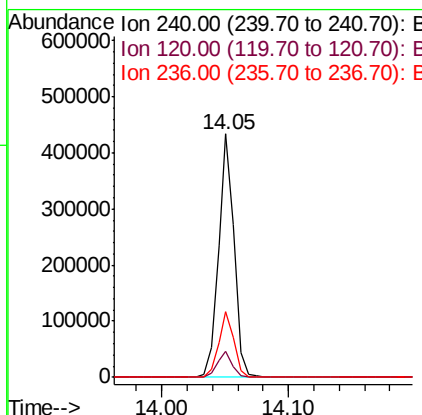
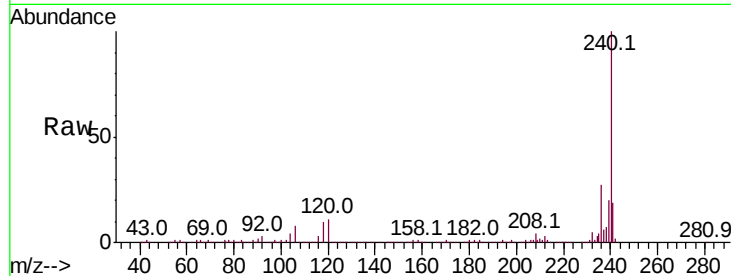




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF113947.D
 Acq: 24 Apr 2019 4:06

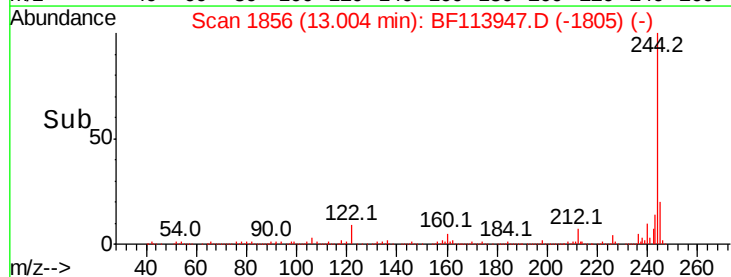
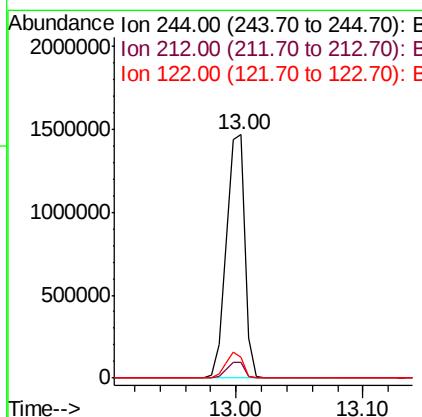
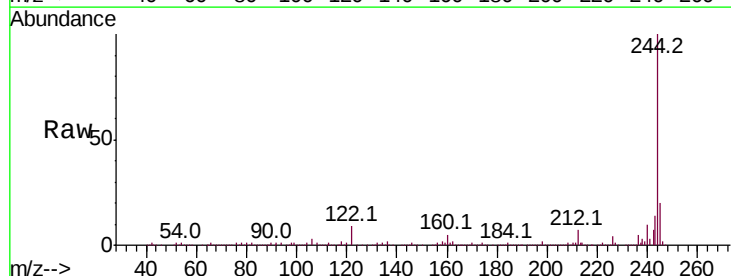
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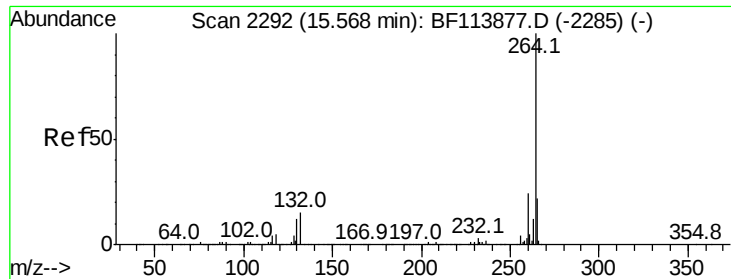
Tot Ion:240 Resp: 372433
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.3 13.9
 236 26.9 21.2 31.8



#79
 Terphenyl-d14
 Concen: 80.964 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF113947.D
 Acq: 24 Apr 2019 4:06

Tgt Ion:244 Resp: 1470823
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 8.5 7.6 11.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.04 min
 Lab File: BF113947.D
 Acq: 24 Apr 2019 4:06

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILES

Tot Ion: 264 Resp: 319060
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.3 17.3 25.9

