

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108901.D
 Acq On : 10 Sep 2018 18:57
 Operator : JU/SJ
 Sample : J4829-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-3-4FT

Quant Time: Sep 11 03:47:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

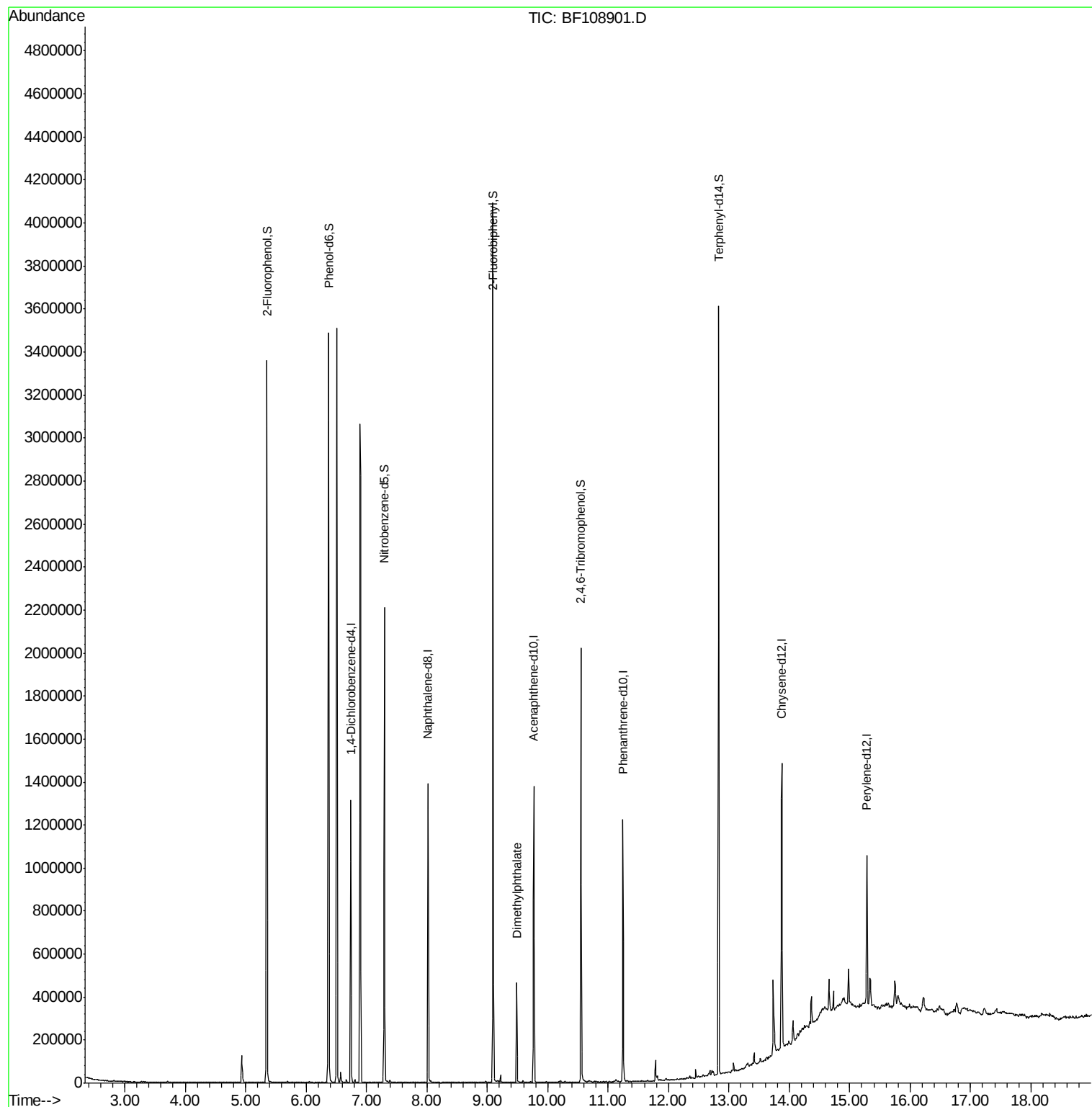
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	178289	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	609743	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	240234	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	410035	20.00	ng	0.00
75) Chrysene-d12	13.88	240	448295	20.00	ng	0.01
86) Perylene-d12	15.29	264	328935	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	985621	91.58	ng	0.02
7) Phenol-d6	6.38	99	1236260	89.28	ng	0.01
23) Nitrobenzene-d5	7.30	82	736888	75.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	222275	96.92	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1246628	88.53	ng	0.00
78) Terphenyl-d14	12.83	244	1141597	59.38	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	177505	10.564	ng	98

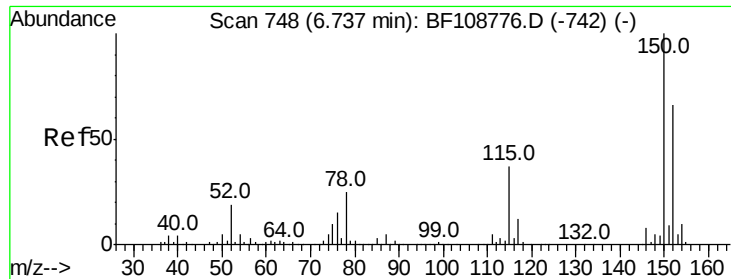
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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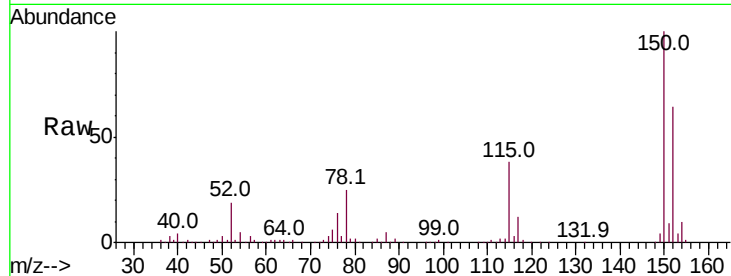


#1

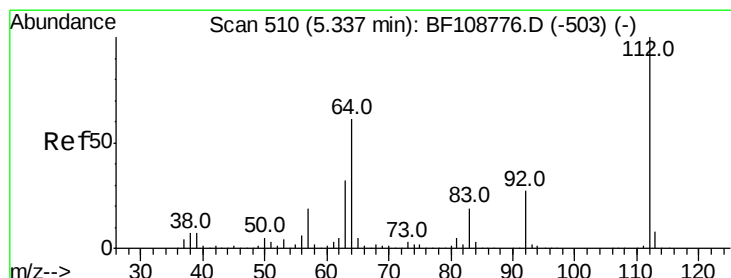
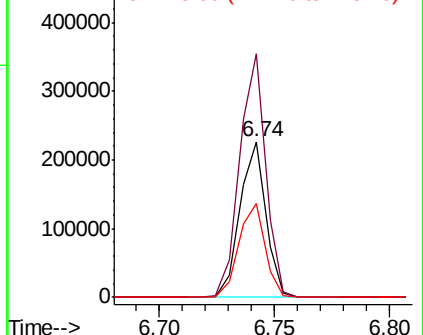
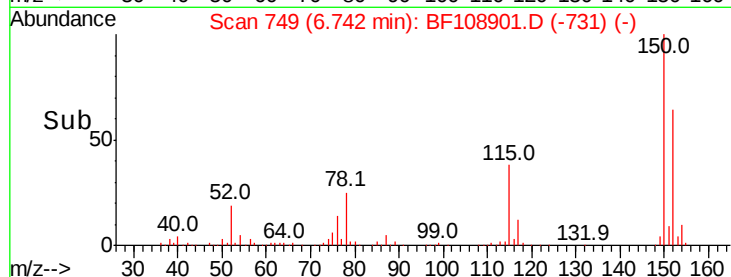
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-3-4FT

Tot Ion:152 Resp: 178289
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.0 50.1 75.1



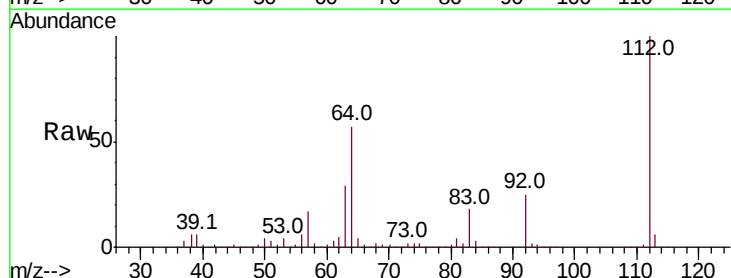
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



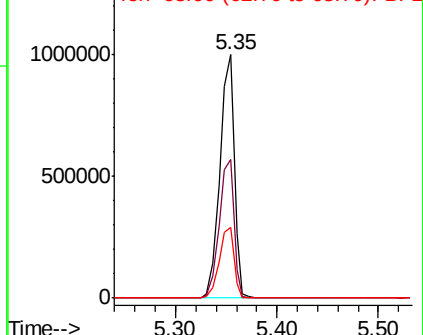
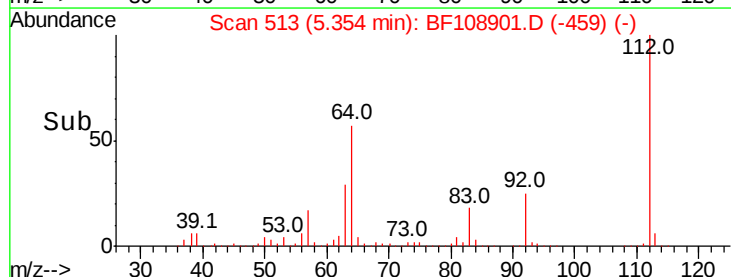
#5

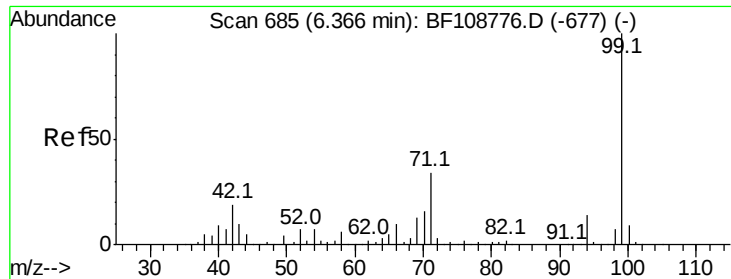
2-Fluorophenol
Concen: 91.584 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108901.D
Acq: 10 Sep 2018 18:57

Tgt Ion:112 Resp: 985621
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 29.2 23.7 35.5



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: 89.281 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-3-4FT

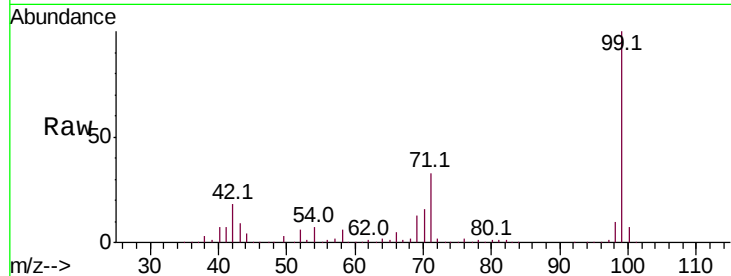
Tot Ion: 99 Resp: 1236260

Ion Ratio Lower Upper

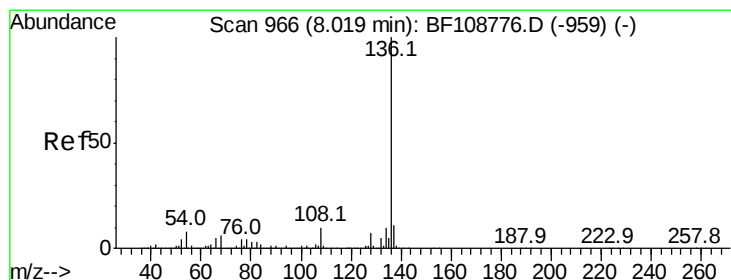
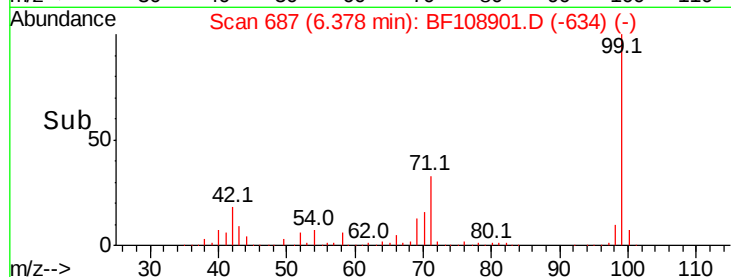
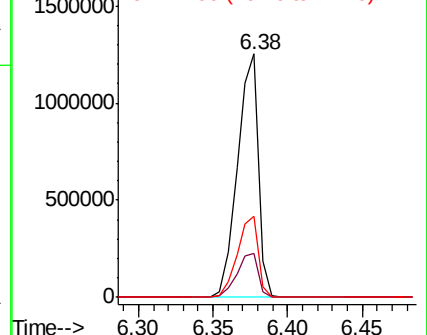
99 100

42 18.0 14.5 21.7

71 33.4 25.4 38.0



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: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Tgt Ion: 136 Resp: 609743

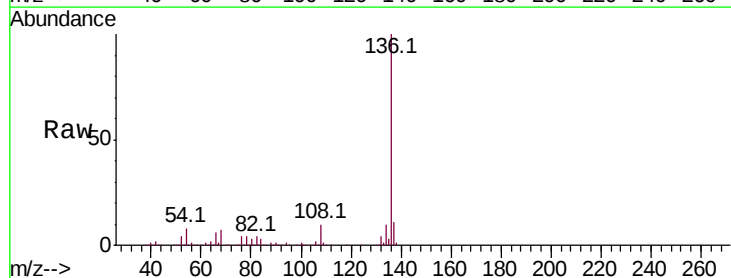
Ion Ratio Lower Upper

136 100

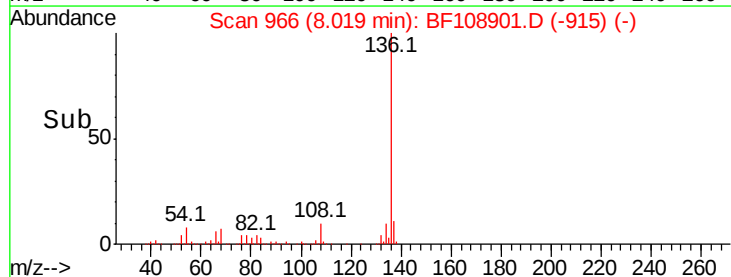
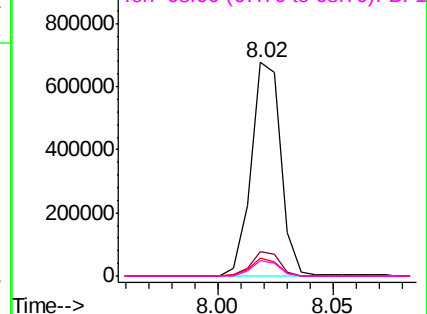
137 11.5 8.9 13.3

54 8.3 6.6 9.8

68 7.2 5.0 7.4



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

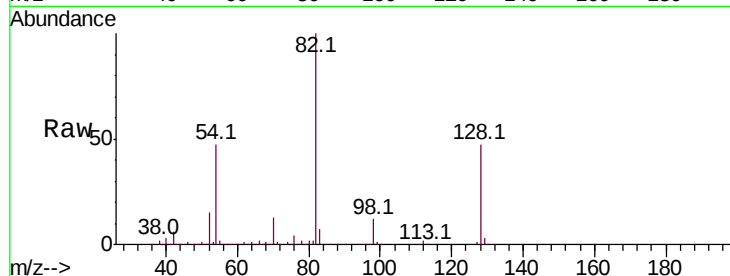




#23
 Nitrobenzene-d5
 Concen: 75.630 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-3-4FT

Tot Ion	82	Resp	736888
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	46.6	41.4	62.2

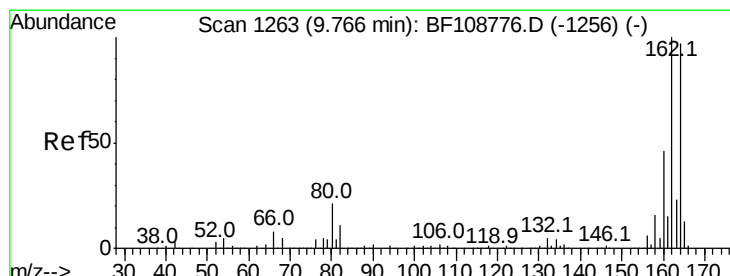
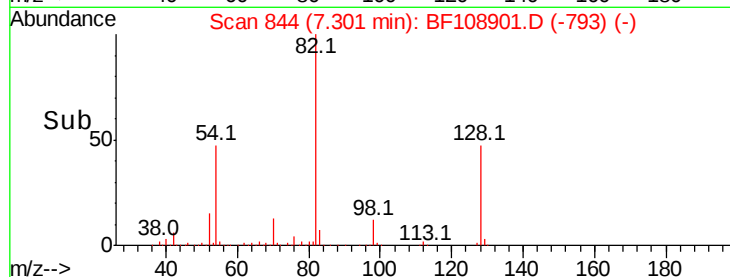
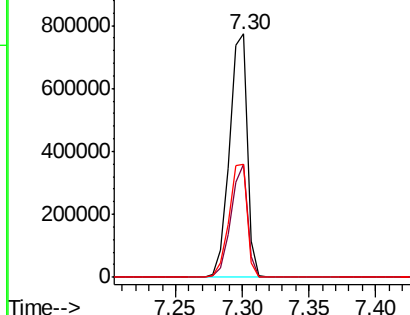


Abundance

Ion 82.00 (81.70 to 82.70): BF1

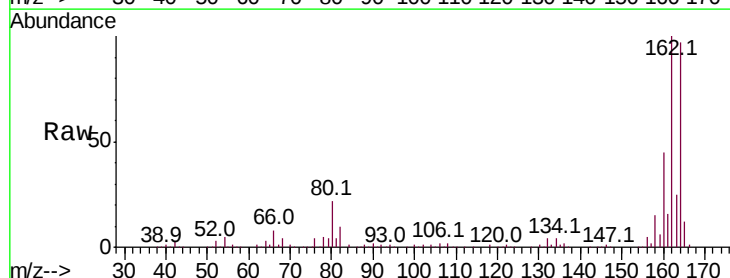
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Tgt Ion	164	Resp	240234
Ion Ratio	Lower	Upper	
164	100		
162	103.1	86.1	129.1
160	46.7	38.3	57.5

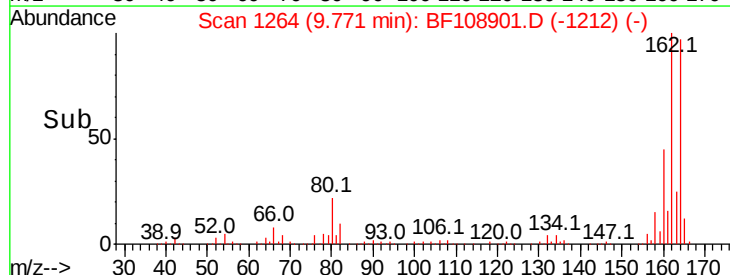
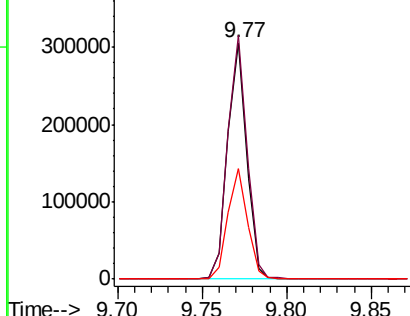


Abundance

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

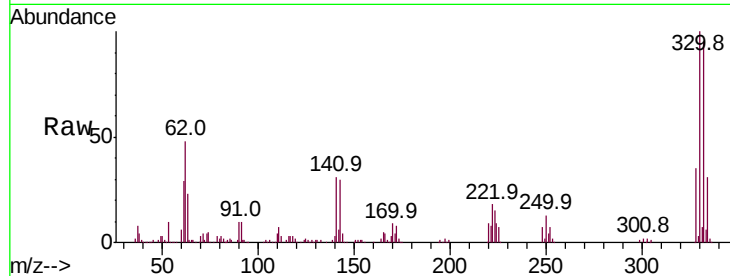




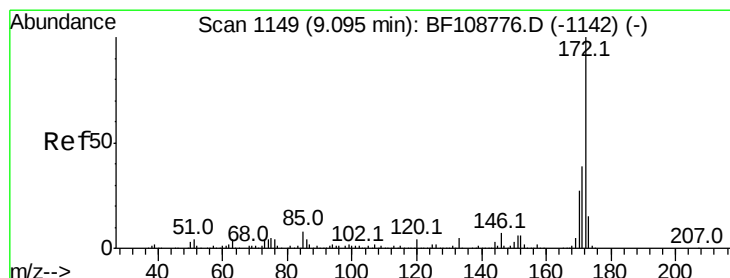
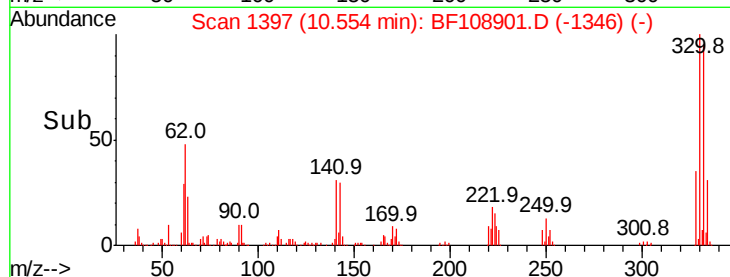
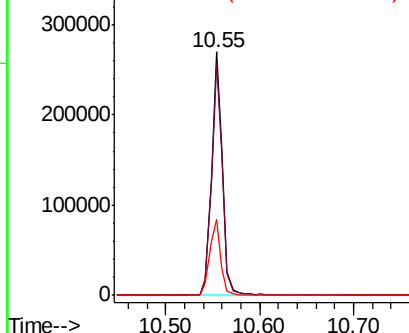
#41
 2,4,6-Tribromophenol
 Concen: 96.920 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-3-4FT

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	31.3	29.9	44.9

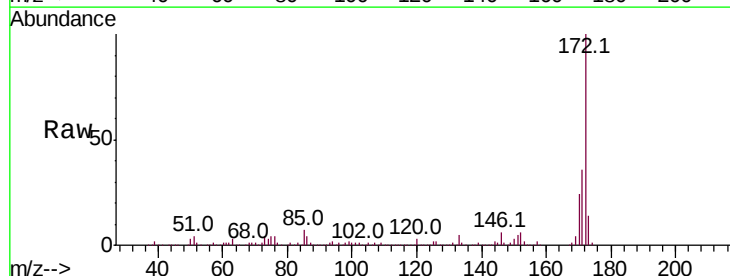


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

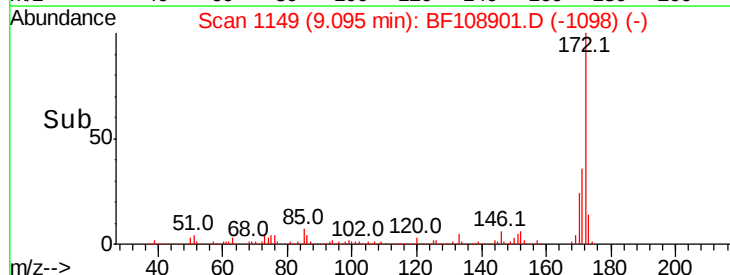
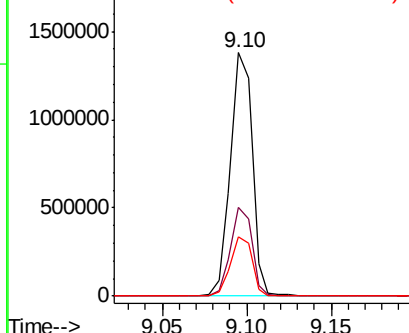


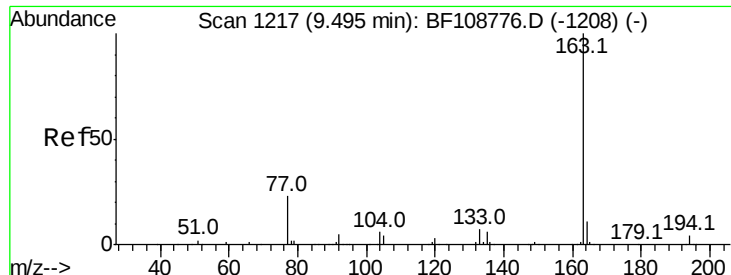
#44
 2-Fluorobiphenyl
 Concen: 88.527 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4



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





#49

Dimethylphthalate

Concen: 10.564 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-3-4FT

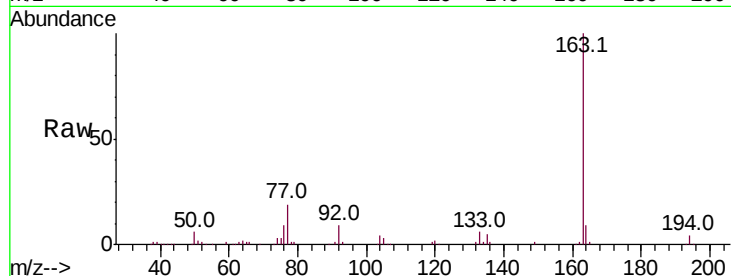
Tot Ion:163 Resp: 177505

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

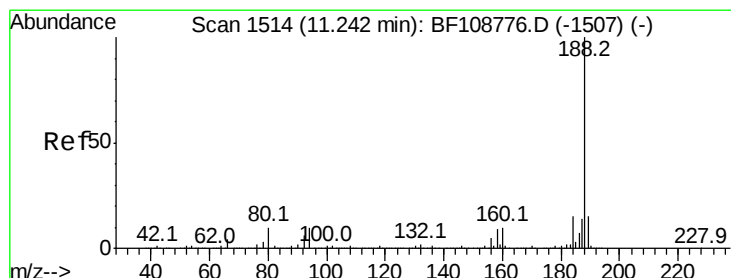
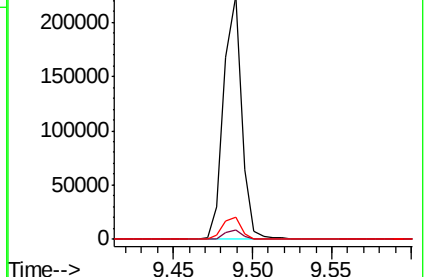
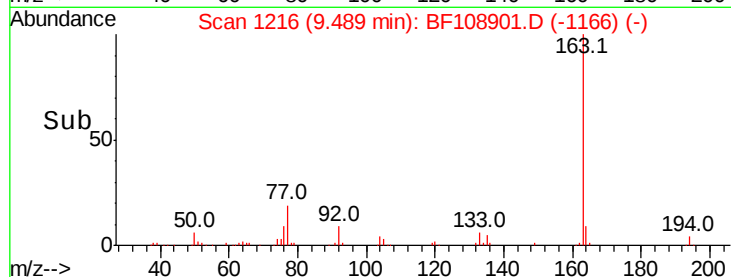
164 9.2 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

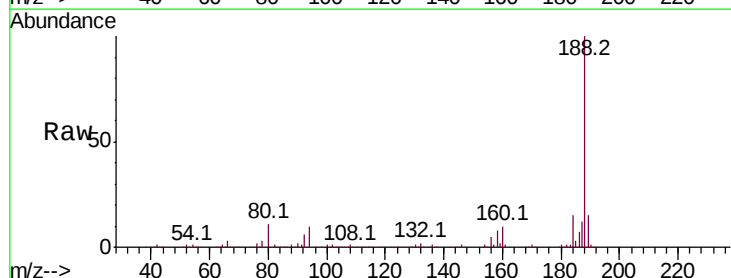
Tgt Ion:188 Resp: 410035

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

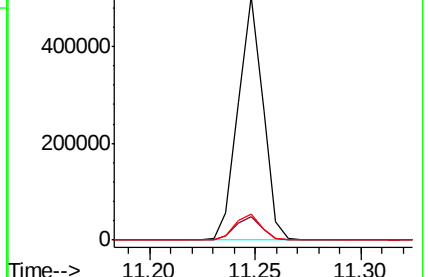
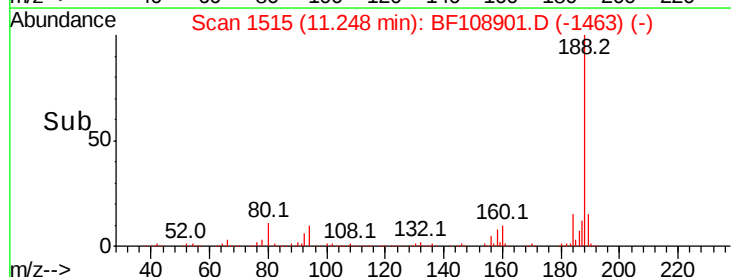
80 10.6 9.2 13.8

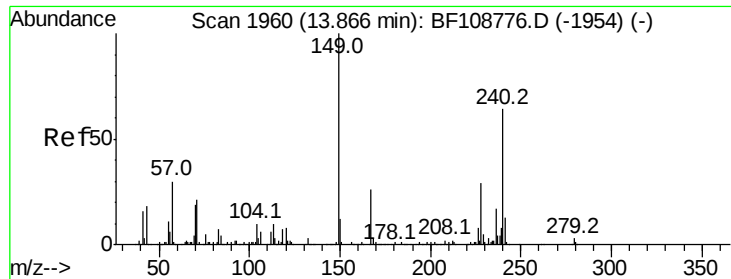


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

Instrument :

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ClientSampleId :

OILY-STONES-3-4FT

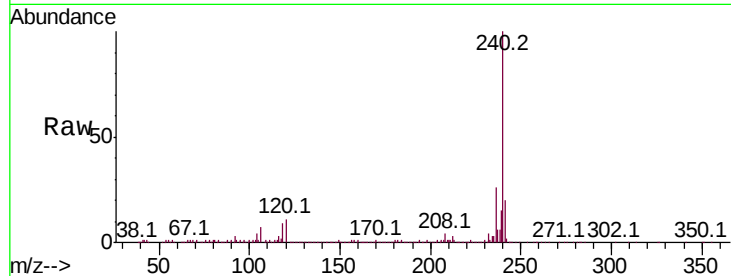
Tot Ion:240 Resp: 448295

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

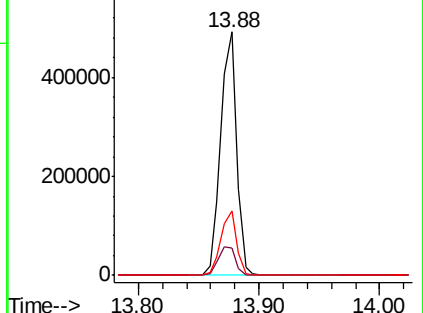
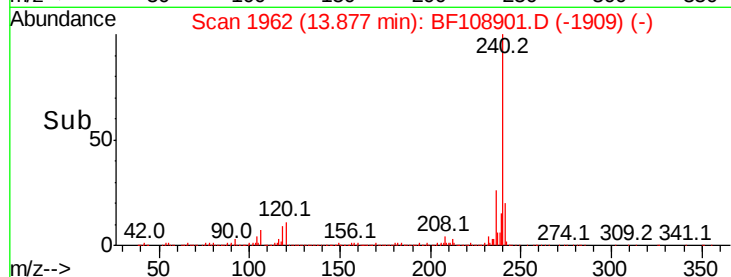
236 26.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 59.383 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108901.D

Acq: 10 Sep 2018 18:57

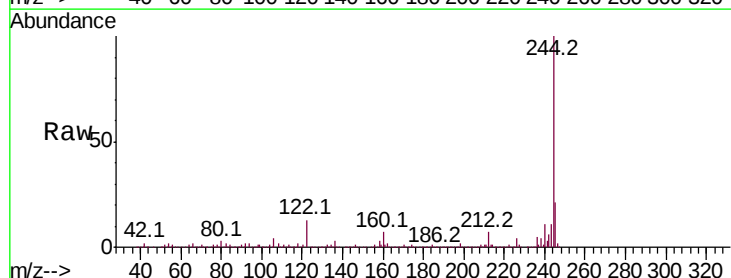
Tgt Ion:244 Resp: 1141597

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

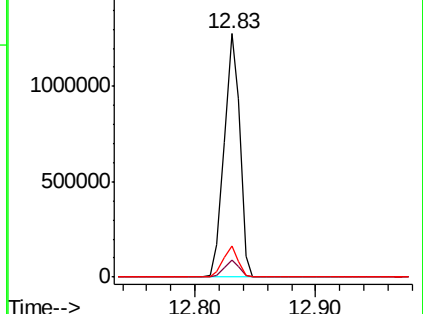
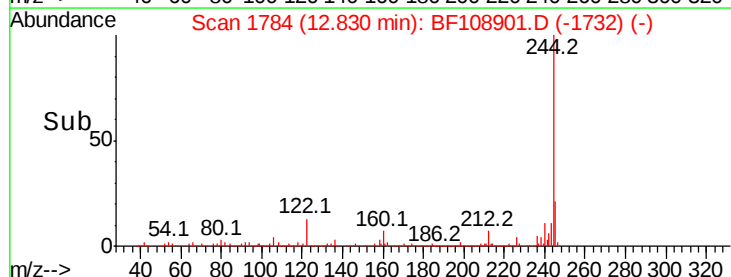
122 12.8 11.0 16.4

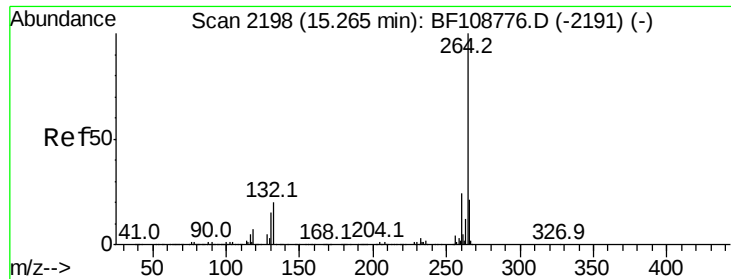


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

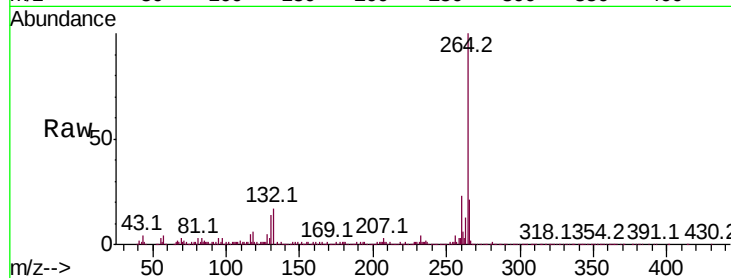




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2202
 Delta R.T. 0.02 min
 Lab File: BF108901.D
 Acq: 10 Sep 2018 18:57

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-3-4FT

Tot Ion:	264	Resp:	328935
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.0	17.5	26.3



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

