

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102925.D
 Acq On : 12 Feb 2018 17:22
 Operator : SJ/JU
 Sample : J1520-01 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Feb 13 01:14:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163305	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	648758	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	254976	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	355610	20.00	ng	0.00
75) Chrysene-d12	14.06	240	305790	20.00	ng	0.00
86) Perylene-d12	15.54	264	268411	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	29379	2.73	ng	0.00
7) Phenol-d6	6.50	99	35237	2.72	ng	0.00
23) Nitrobenzene-d5	7.45	82	21808	2.33	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	4595	2.24	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	44562	2.90	ng	0.00
78) Terphenyl-d14	12.99	244	31580	2.45	ng	0.00

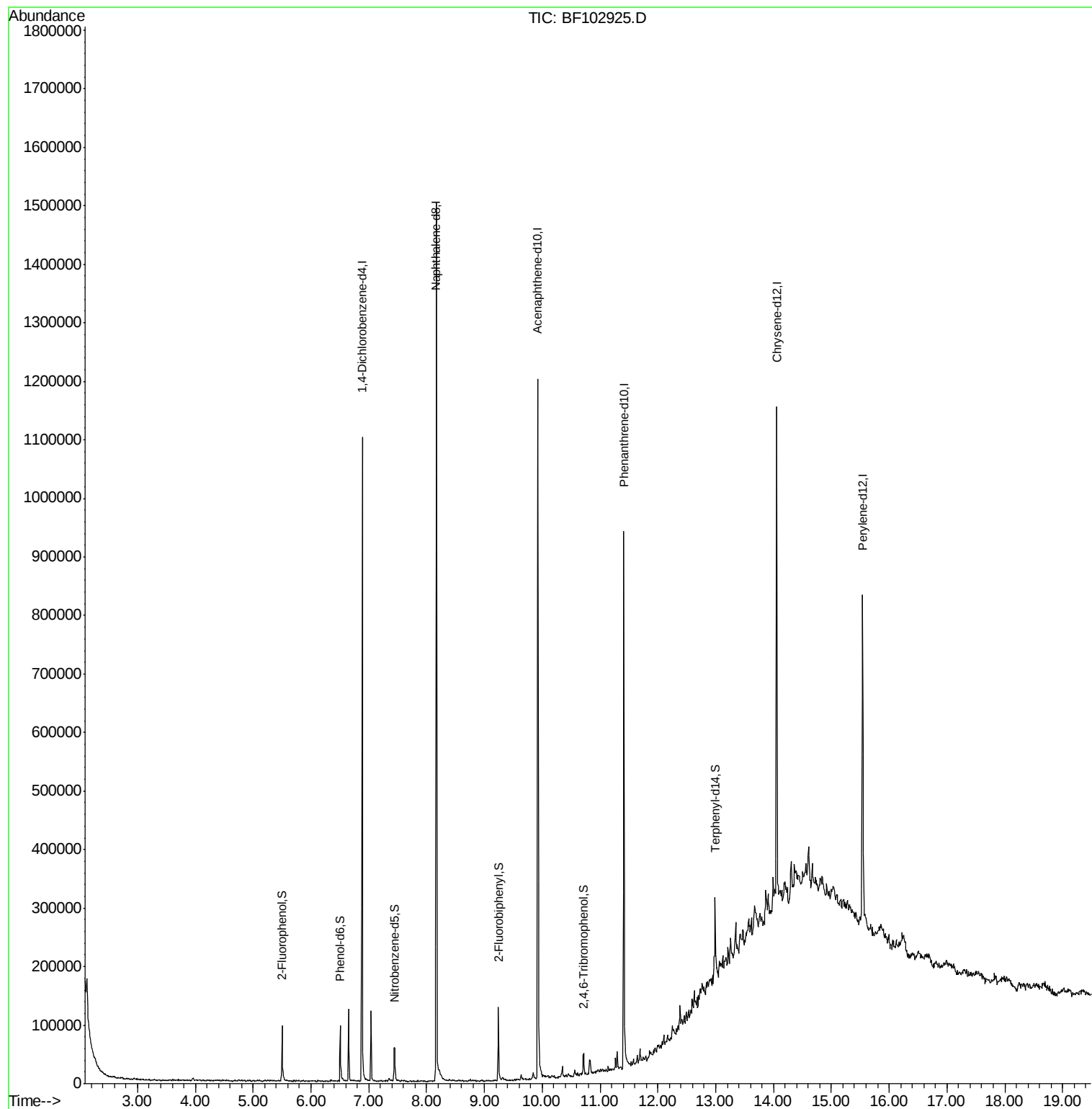
Target Compounds Qvalue

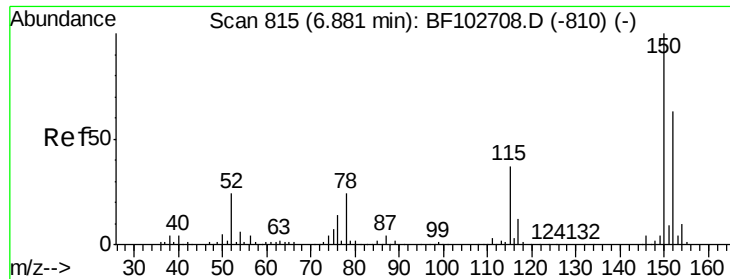
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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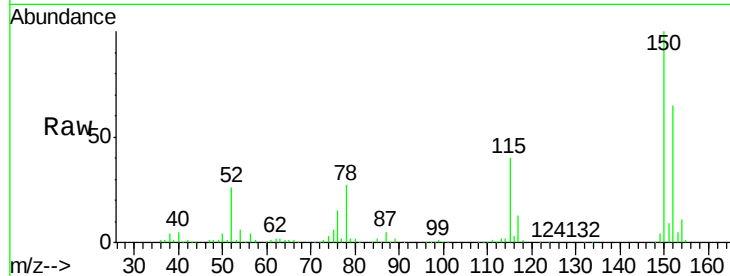


#1

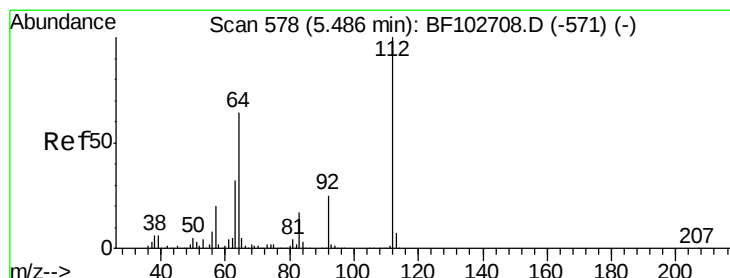
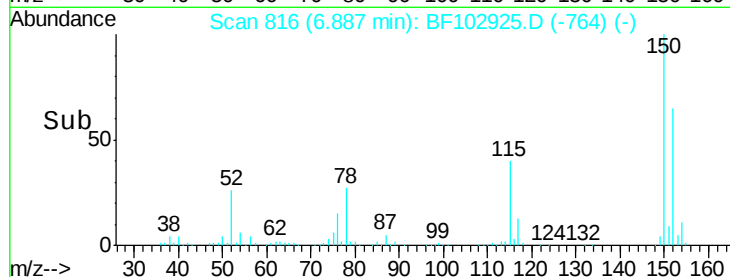
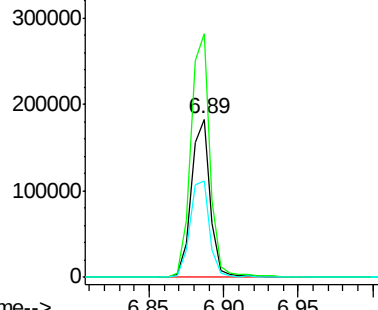
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102925.D
Acq: 12 Feb 2018 17:22

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 163305
Ion Ratio Lower Upper
152 100
150 153.8 124.6 186.8
115 60.9 50.1 75.1



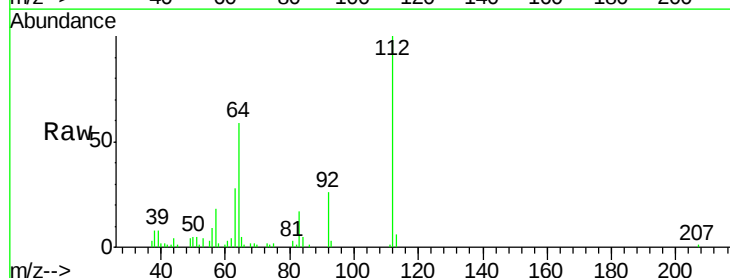
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



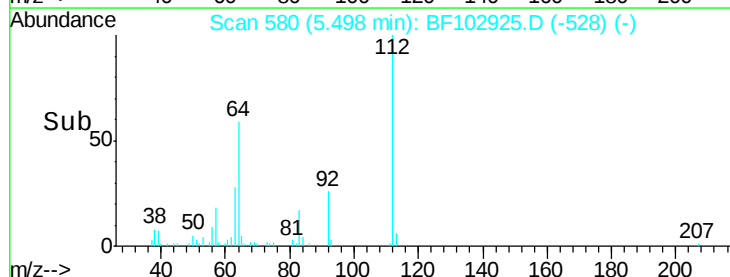
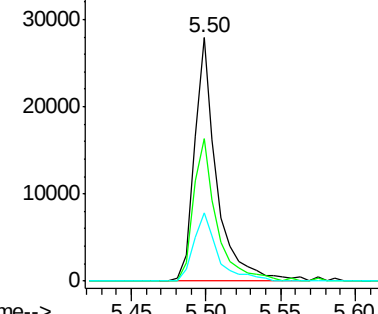
#5

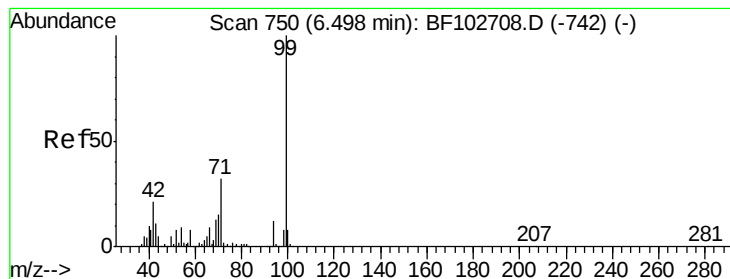
2-Fluorophenol
Concen: 2.732 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102925.D
Acq: 12 Feb 2018 17:22

Tgt Ion:112 Resp: 29379
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 27.9 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: 2.722 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102925.D

Acq: 12 Feb 2018 17:22

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

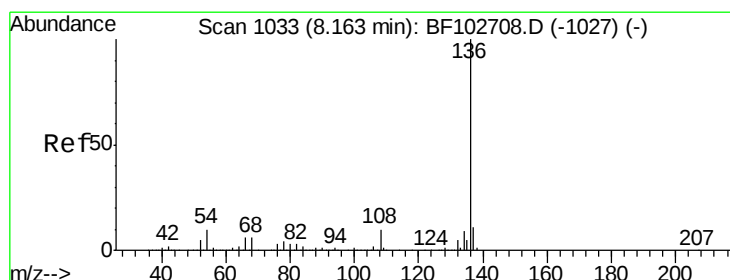
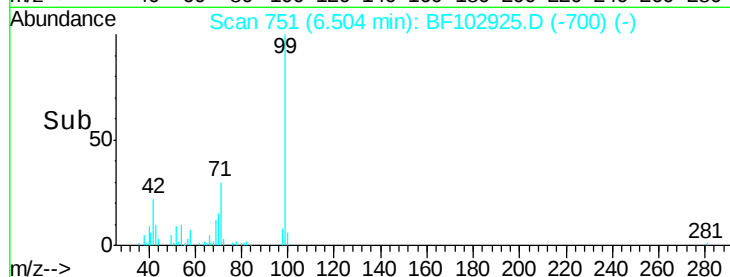
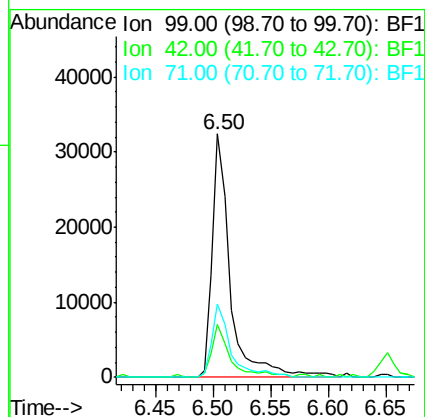
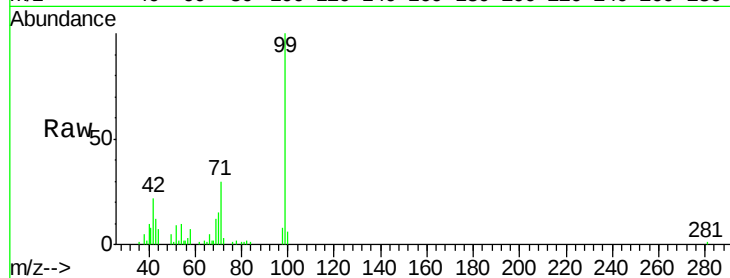
Tot Ion: 99 Resp: 35237

Ion Ratio Lower Upper

99 100

42 21.7 14.5 21.7

71 30.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102925.D

Acq: 12 Feb 2018 17:22

Tgt Ion: 136 Resp: 648758

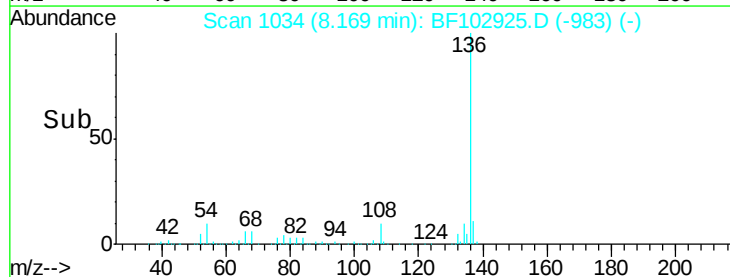
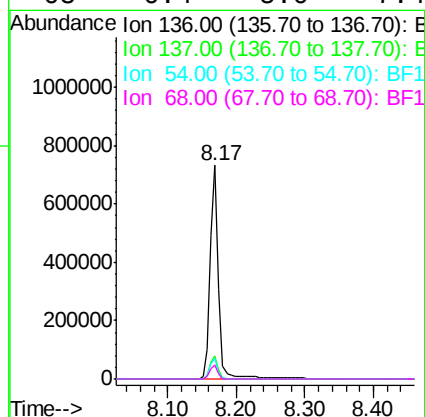
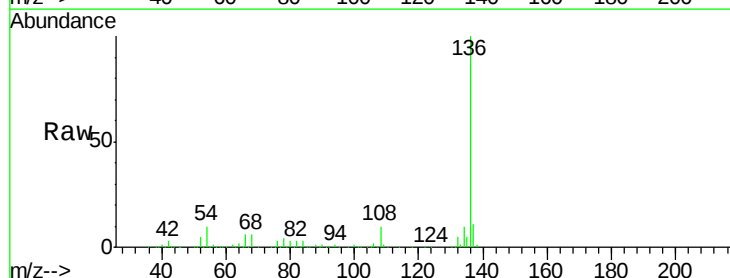
Ion Ratio Lower Upper

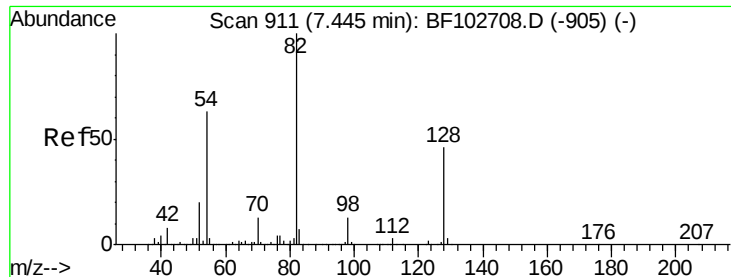
136 100

137 11.1 8.9 13.3

54 9.6 6.6 9.8

68 6.4 5.0 7.4

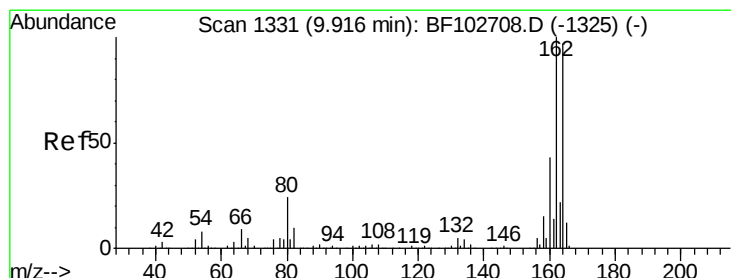
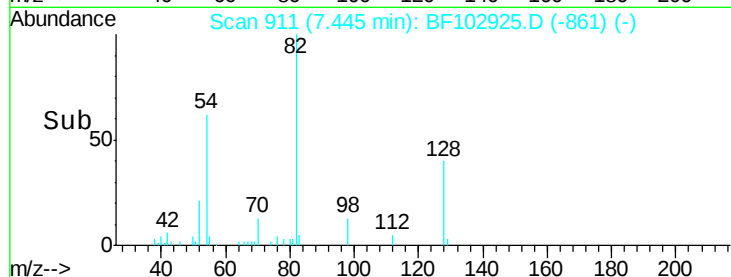
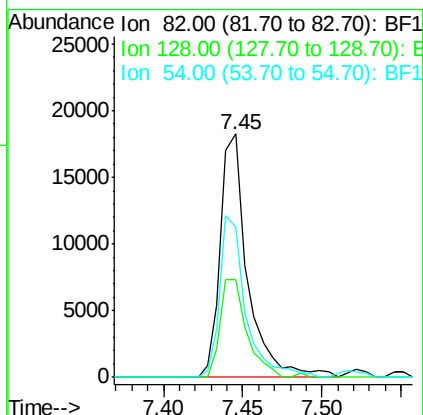
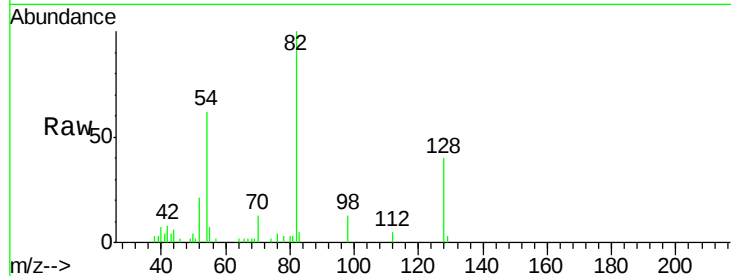




#23
 Nitrobenzene-d5
 Concen: 2.332 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102925.D
 Acq: 12 Feb 2018 17:22

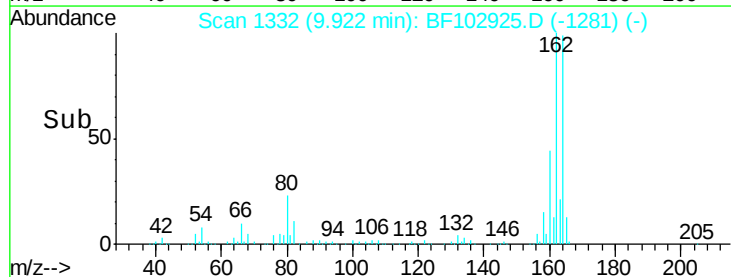
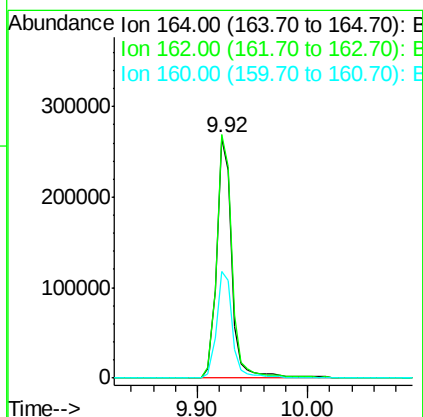
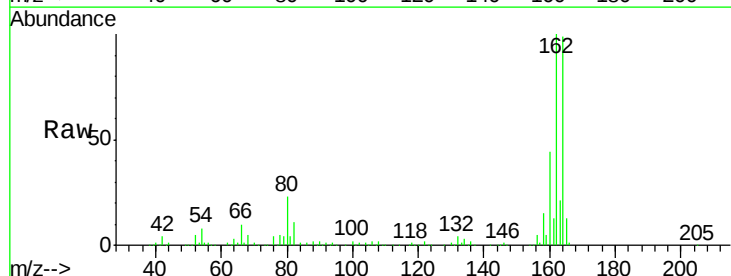
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

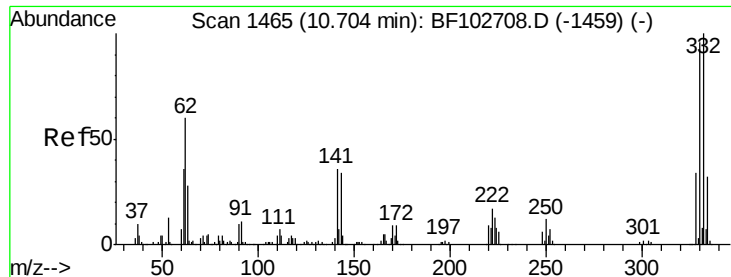
Tot Ion	82	Resp	21808
Ion Ratio	Lower	Upper	
82	100		
128	40.3	36.1	54.1
54	61.7	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102925.D
 Acq: 12 Feb 2018 17:22

Tgt Ion	164	Resp	254976
Ion Ratio	Lower	Upper	
164	100		
162	101.3	86.1	129.1
160	44.2	38.3	57.5

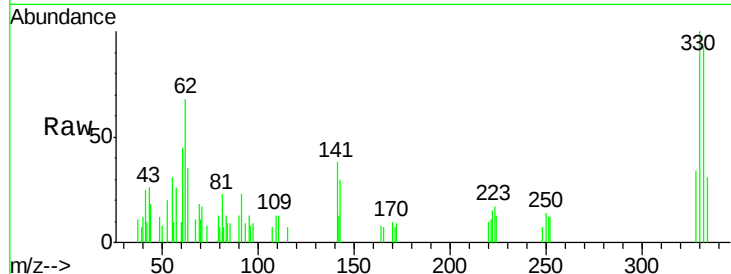




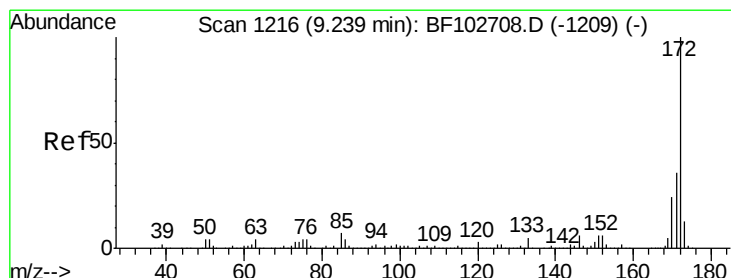
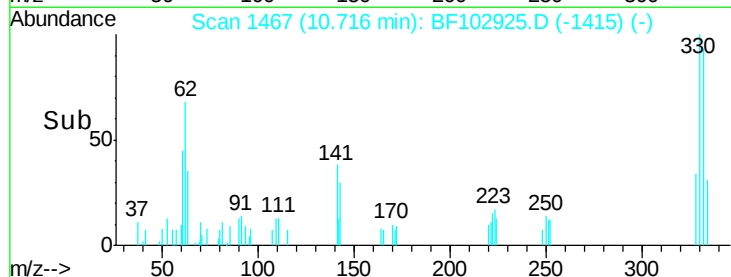
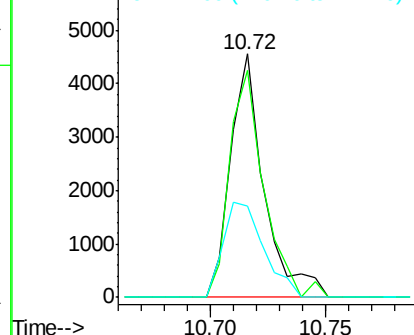
#41
 2,4,6-Tribromophenol
 Concen: 2.239 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102925.D
 Acq: 12 Feb 2018 17:22

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:330 Resp: 4595
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 47.1 29.9 44.9#

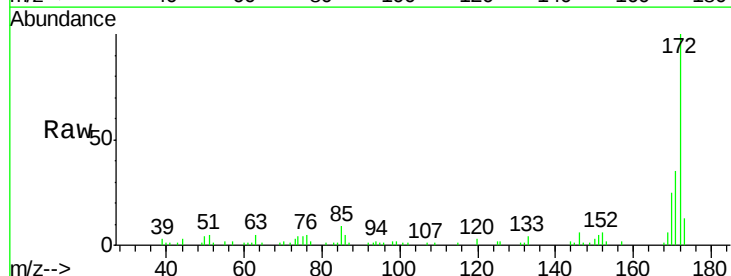


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

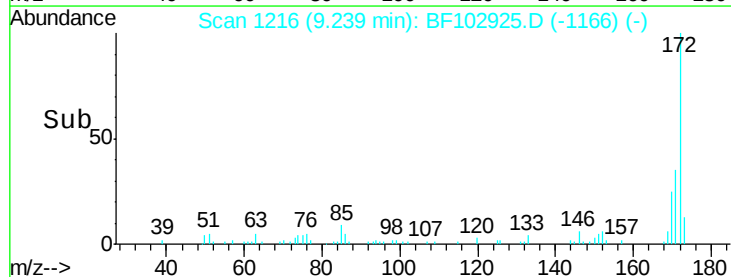
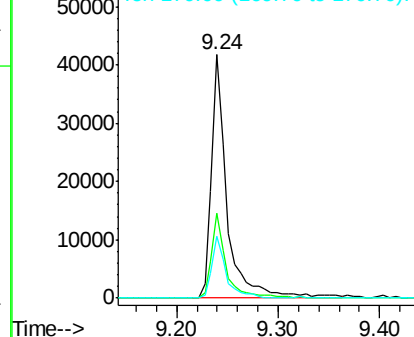


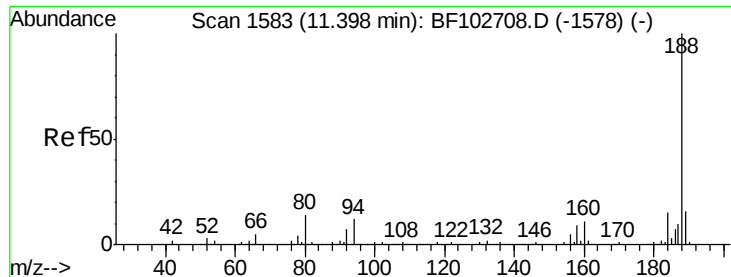
#44
 2-Fluorobiphenyl
 Concen: 2.900 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102925.D
 Acq: 12 Feb 2018 17:22

Tgt Ion:172 Resp: 44562
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 25.2 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

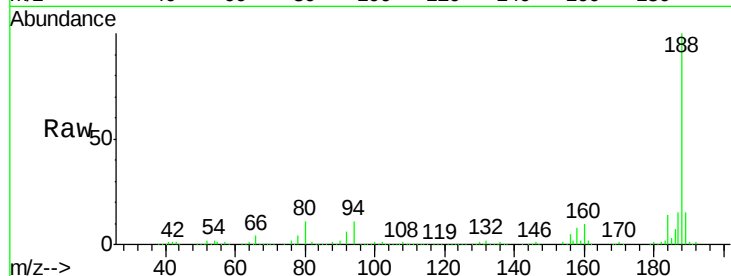




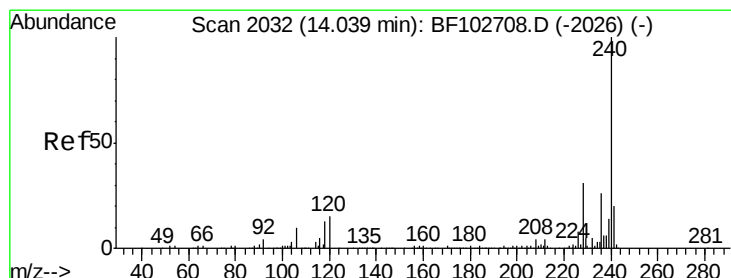
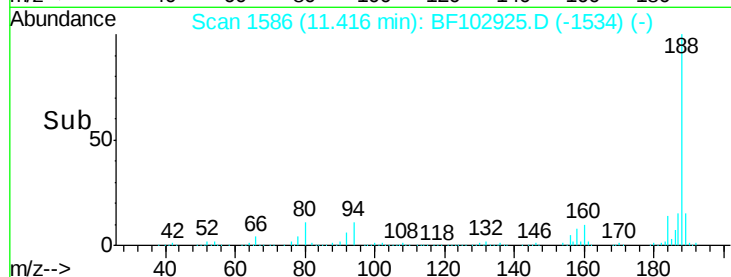
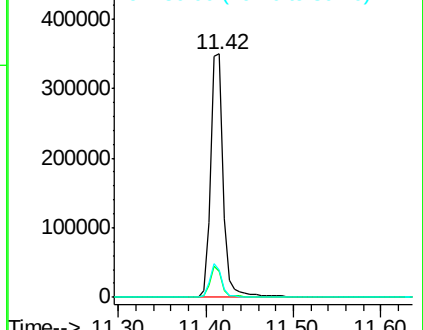
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102925.D
Acq: 12 Feb 2018 17:22

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:188 Resp: 355610
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.4 9.2 13.8

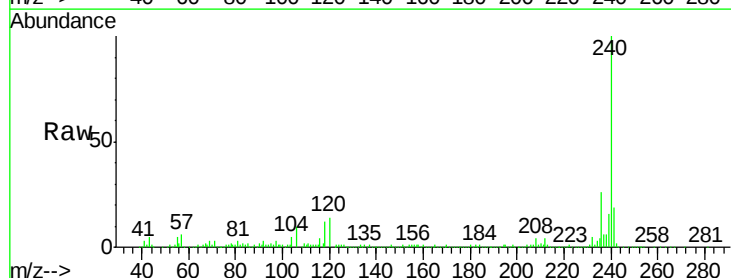


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

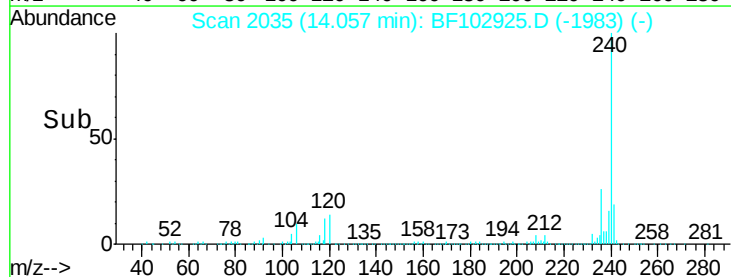
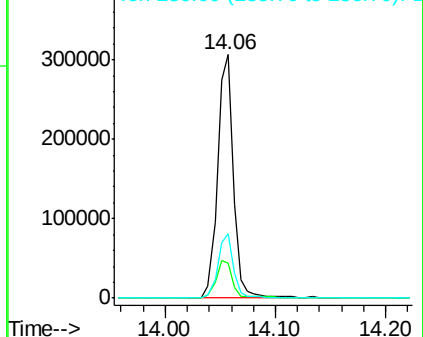


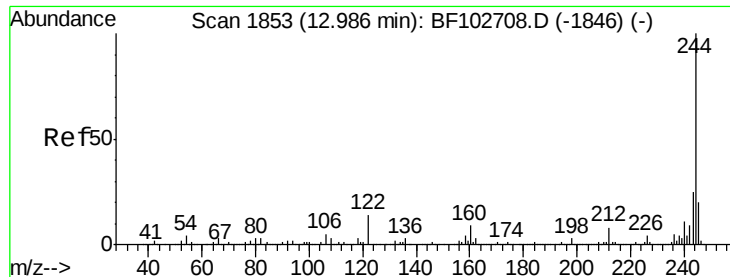
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF102925.D
Acq: 12 Feb 2018 17:22

Tgt Ion:240 Resp: 305790
Ion Ratio Lower Upper
240 100
120 14.3 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: 2.445 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102925.D

Acq: 12 Feb 2018 17:22

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

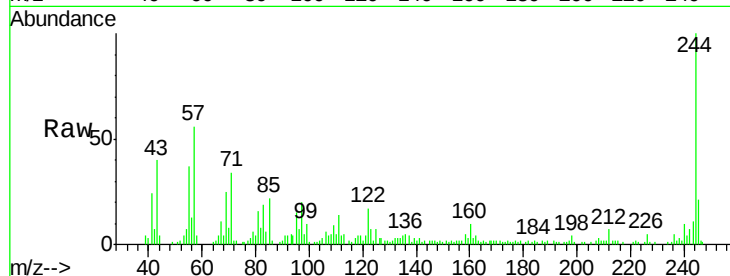
Tot Ion:244 Resp: 31580

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

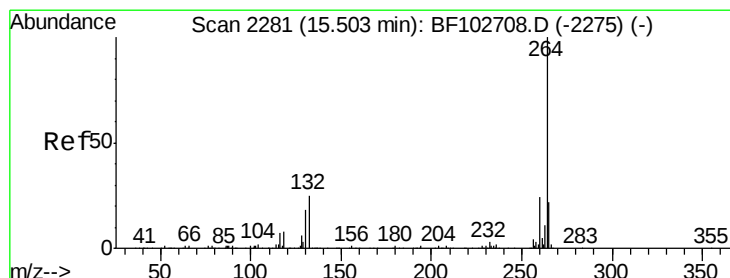
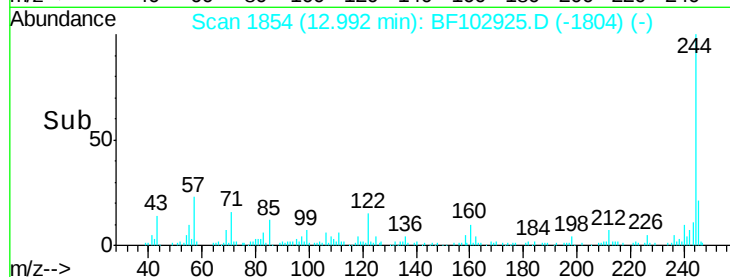
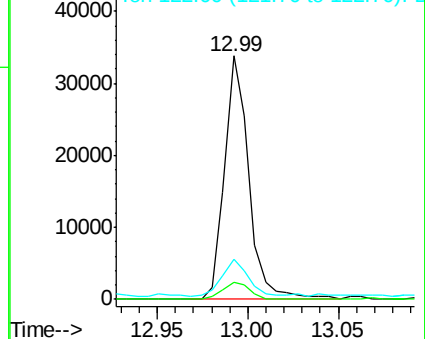
122 16.6 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102925.D

Acq: 12 Feb 2018 17:22

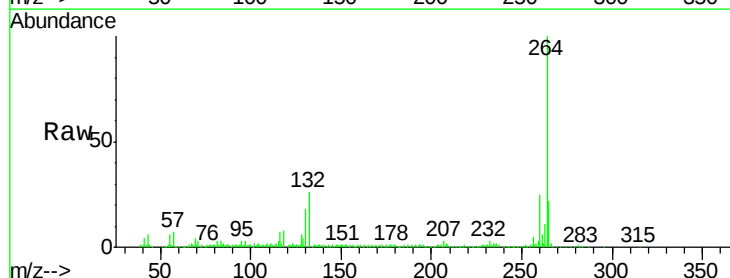
Tgt Ion:264 Resp: 268411

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.5 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

