

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113845.D
 Acq On : 19 Apr 2019 5:37
 Operator : JU/SJ
 Sample : K2430-01 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Apr 19 07:21:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 13:55:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141672	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	488510	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	229945	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	484590	20.00	ng	0.00
76) Chrysene-d12	14.05	240	423042	20.00	ng	0.00
87) Perylene-d12	15.53	264	346698	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	89094	10.46	ng	0.00
7) Phenol-d6	6.50	99	114057	10.73	ng	-0.01
23) Nitrobenzene-d5	7.45	82	59200	7.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	28395	11.18	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	126471	8.39	ng	0.00
79) Terphenyl-d14	12.99	244	177751	8.81	ng	0.00

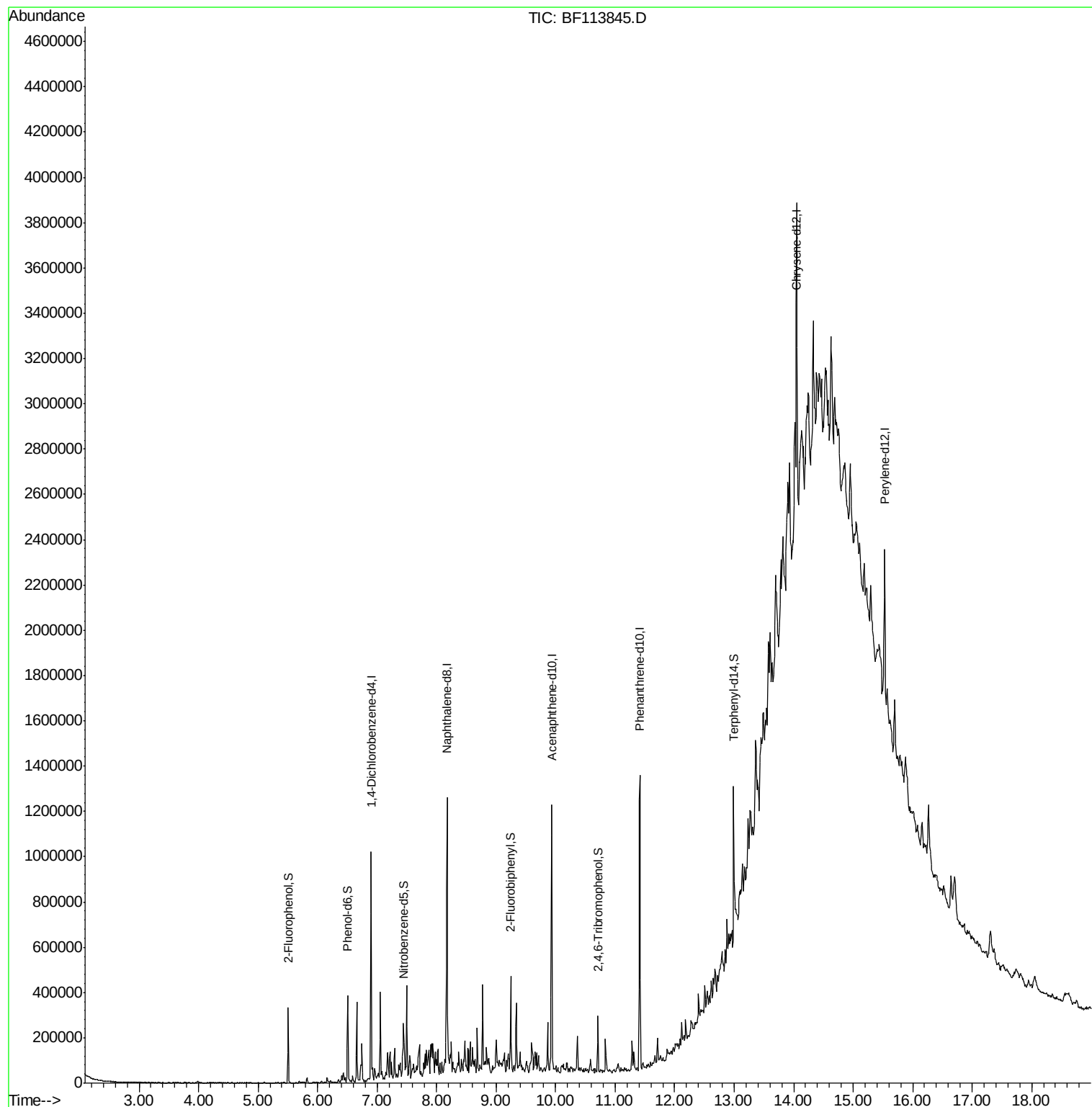
Target Compounds Qvalue

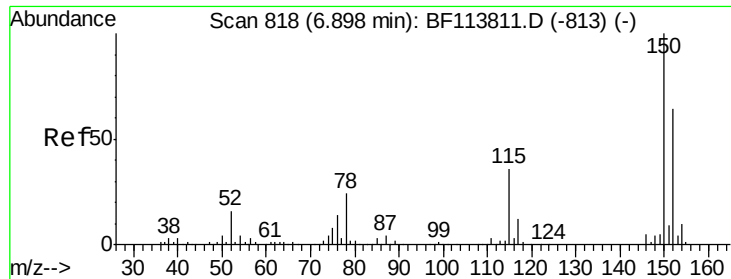
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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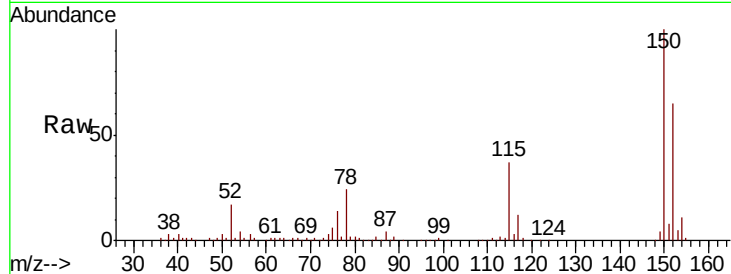


#1

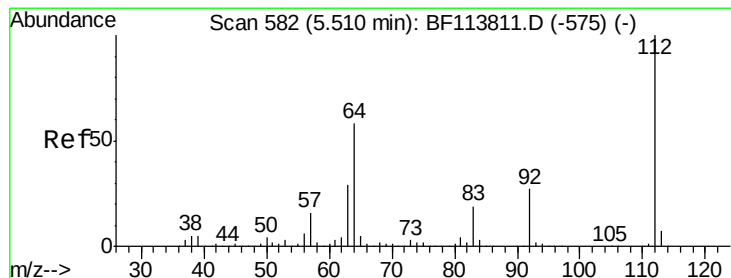
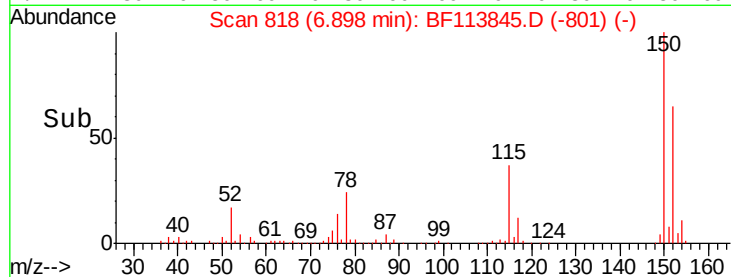
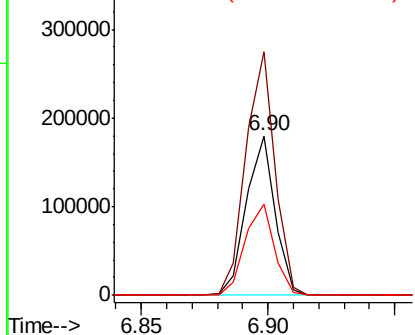
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	125.9	188.9
115	57.2	45.9	68.9



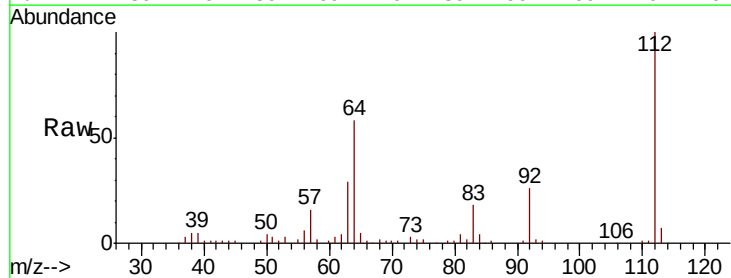
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



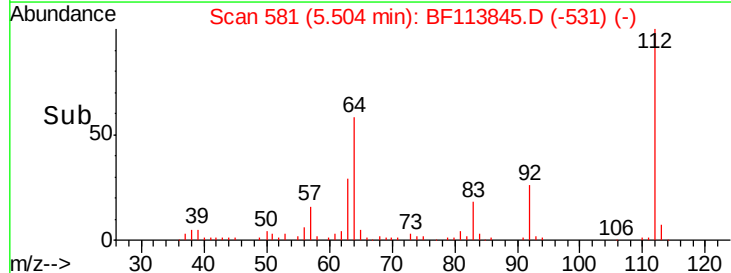
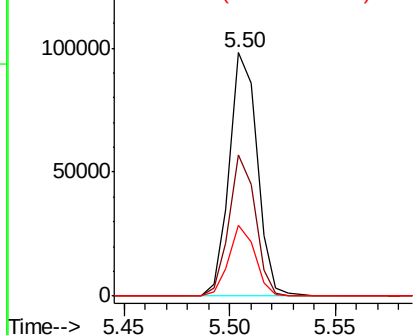
#5

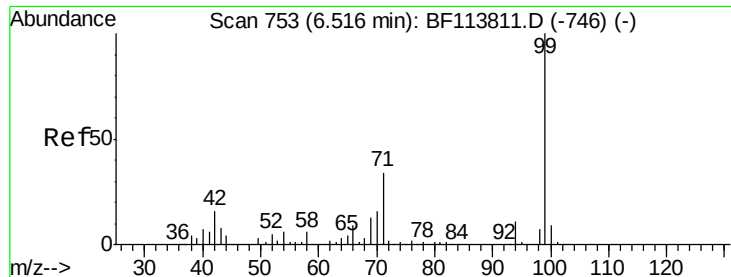
2-Fluorophenol
 Concen: 10.457 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.6	69.8
63	28.9	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: 10.734 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF113845.D

Acq: 19 Apr 2019 5:37

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

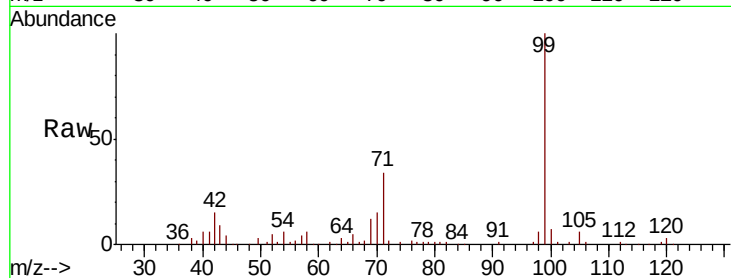
Tot Ion: 99 Resp: 114057

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

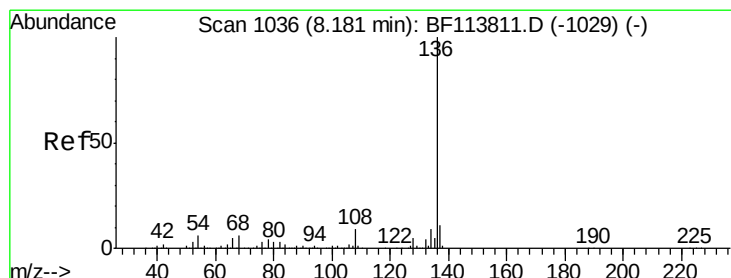
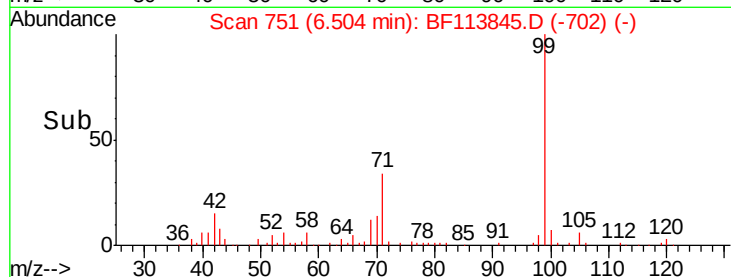
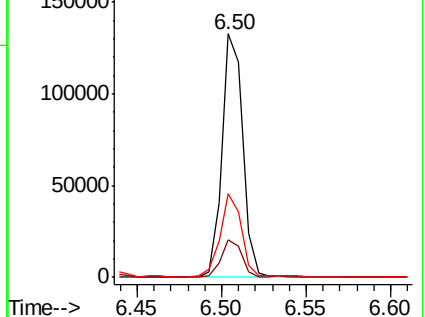
71 34.5 26.9 40.3



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: BF113845.D

Acq: 19 Apr 2019 5:37

Tgt Ion: 136 Resp: 488510

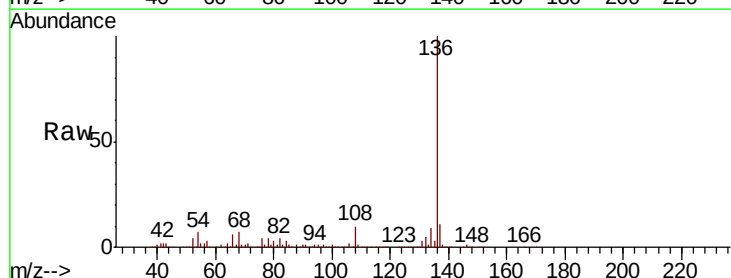
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 7.4 5.0 7.6

68 7.3 4.9 7.3

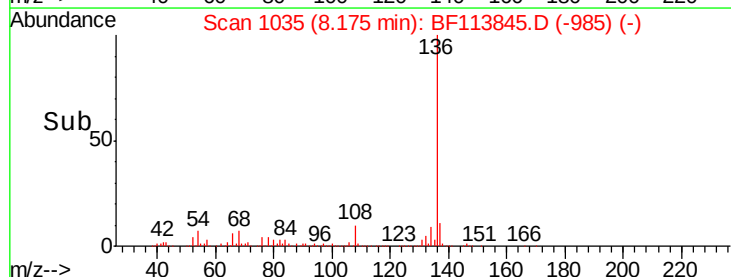
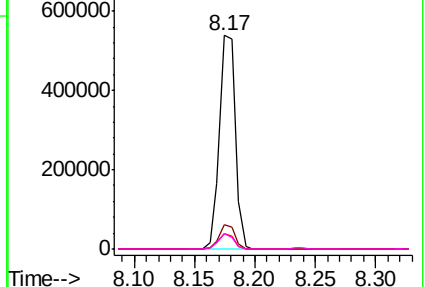


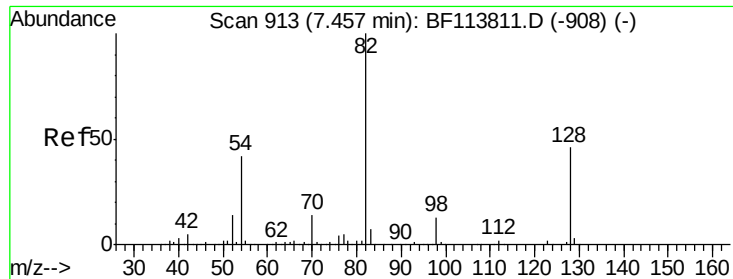
Abundance Ion 136.00 (135.70 to 136.70): E

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

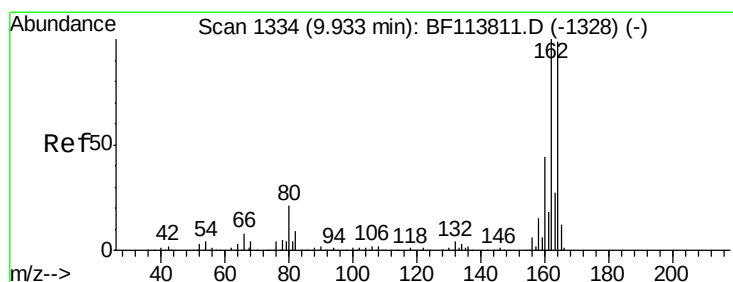
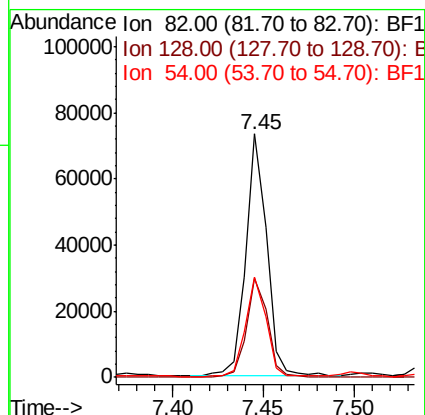
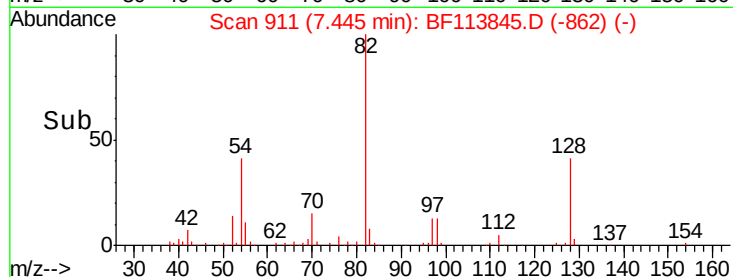
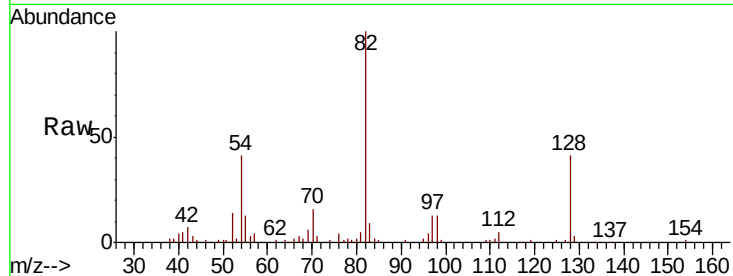




#23
 Nitrobenzene-d5
 Concen: 7.380 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

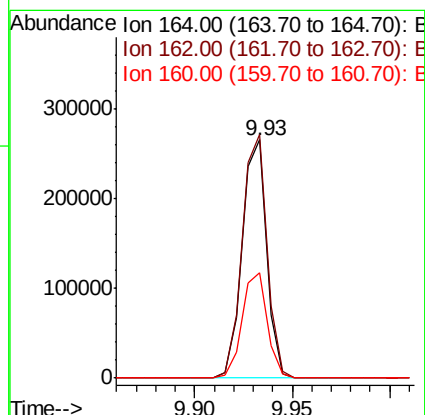
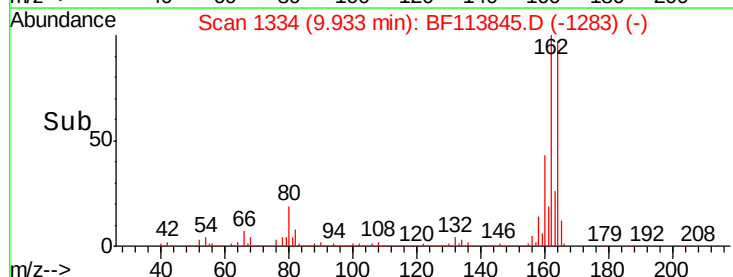
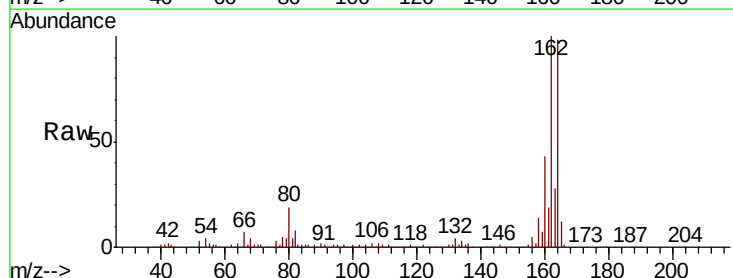
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

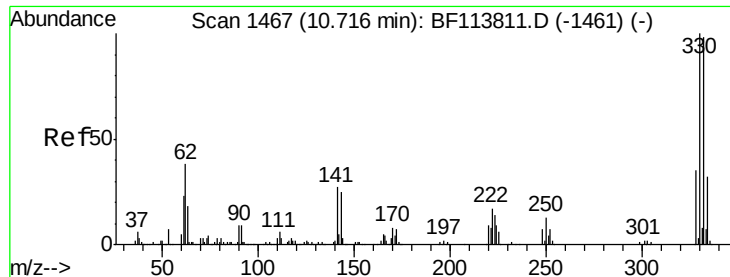
Tot Ion	82	Resp	59200
Ion Ratio	100	Lower	Upper
128	40.8	36.8	55.2
54	41.4	33.8	50.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF113845.D
 Acq: 19 Apr 2019 5:37

Tgt Ion	164	Resp	229945
Ion Ratio	100	Lower	Upper
162	102.3	81.1	121.7
160	44.3	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 11.177 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF113845.D

Acq: 19 Apr 2019 5:37

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

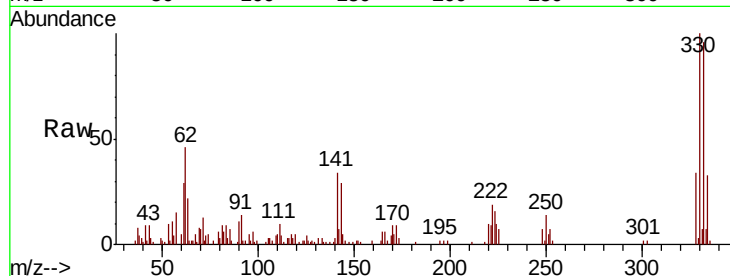
Tot Ion:330 Resp: 28395

Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

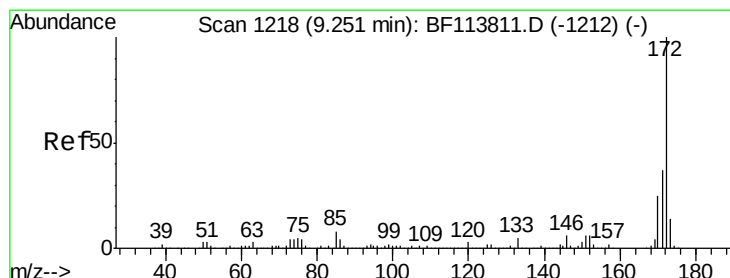
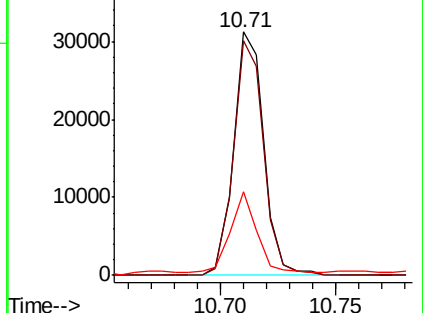
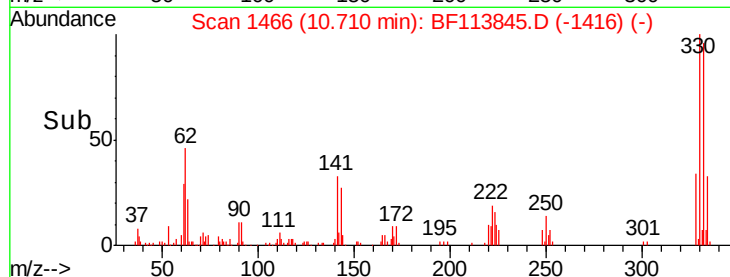
141 29.3 22.2 33.2



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: 8.388 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF113845.D

Acq: 19 Apr 2019 5:37

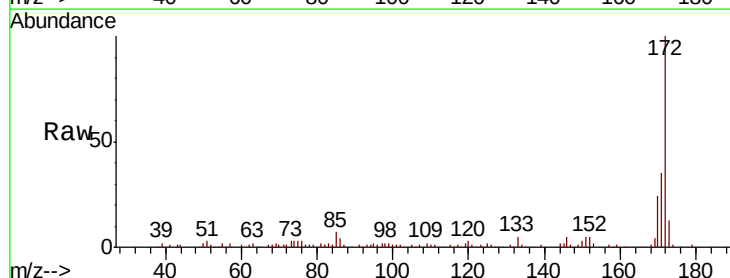
Tgt Ion:172 Resp: 126471

Ion Ratio Lower Upper

172 100

171 34.7 29.4 44.0

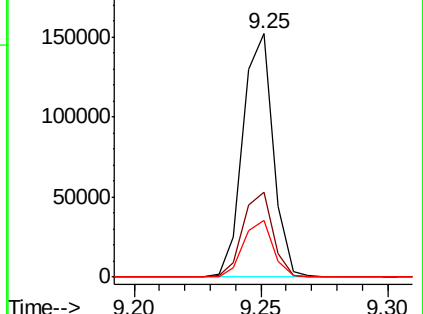
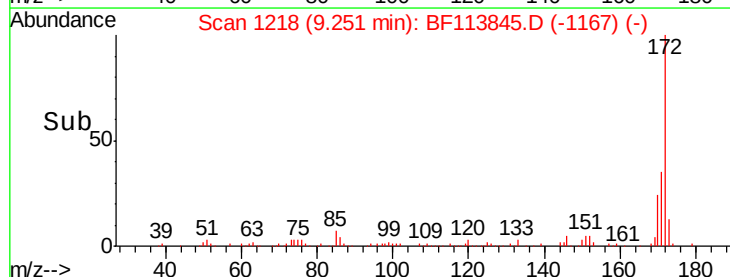
170 23.5 19.9 29.9

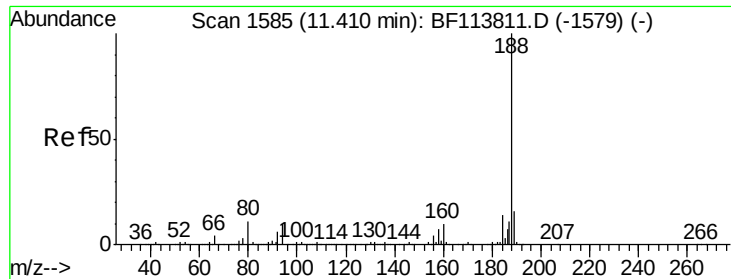


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

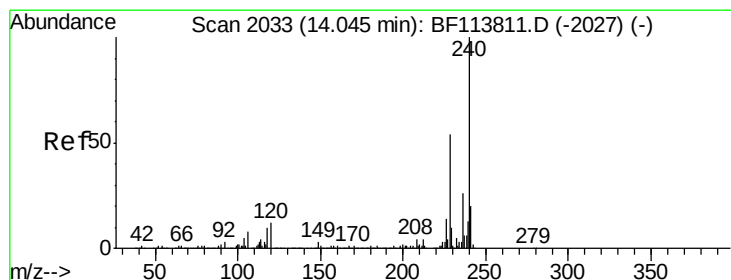
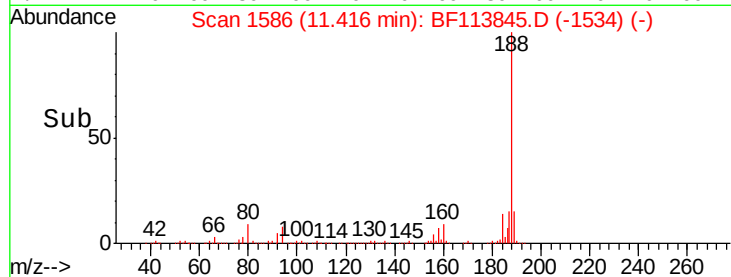
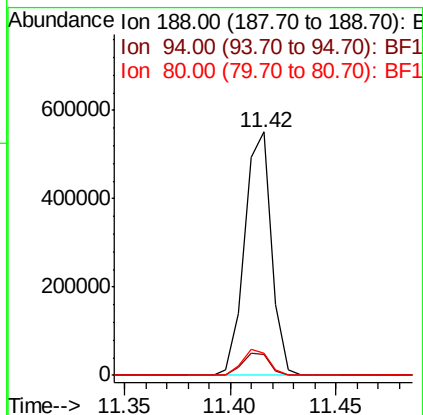
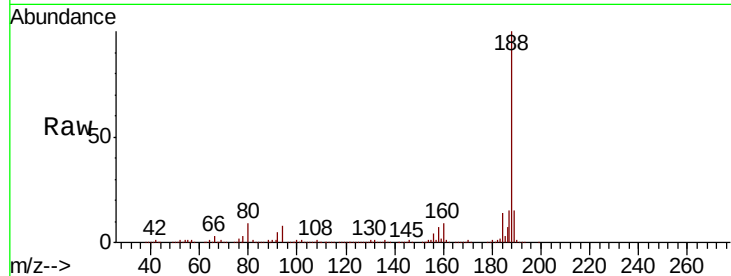




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF113845.D
Acq: 19 Apr 2019 5:37

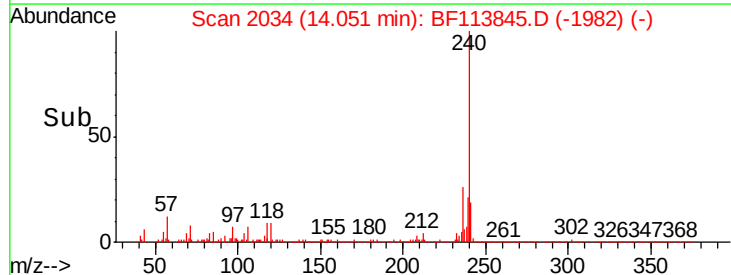
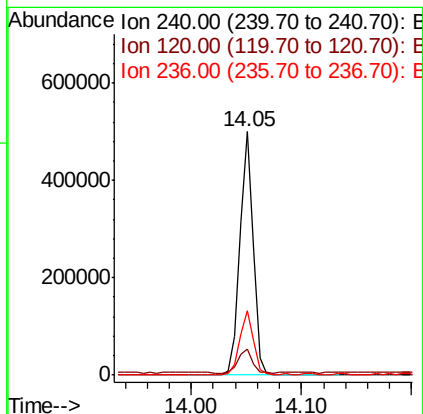
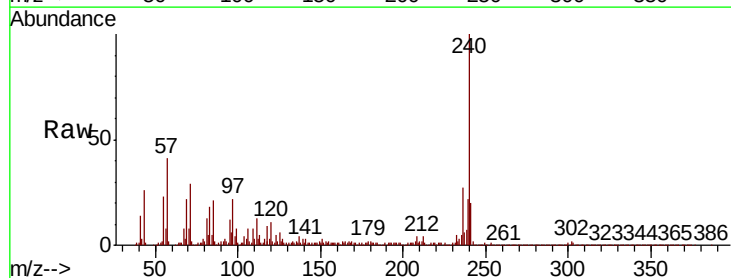
Instrument :
BNA_F
ClientSampleId :
OILY-STONES

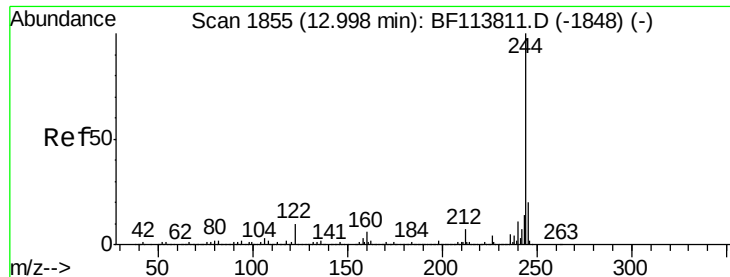
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.4
80	9.1	9.0	13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF113845.D
Acq: 19 Apr 2019 5:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.3	13.9
236	26.6	21.2	31.8





#79

Terphenyl-d14

Concen: 8.811 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF113845.D

Acq: 19 Apr 2019 5:37

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

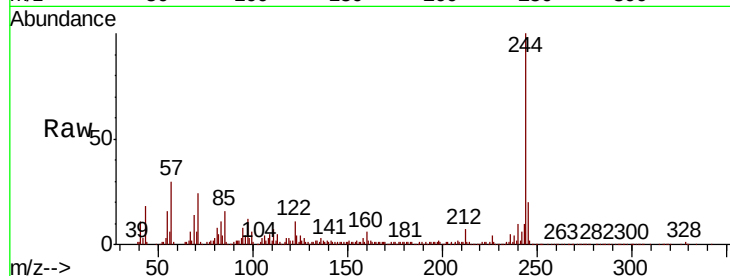
Tot Ion:244 Resp: 177751

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

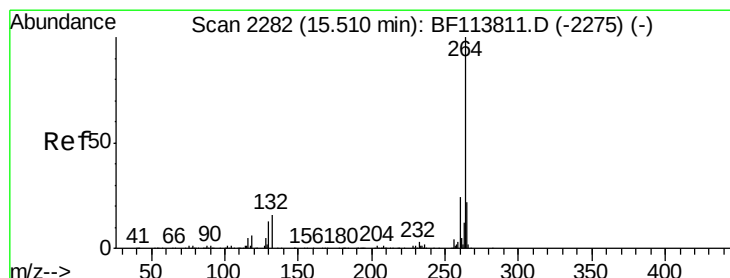
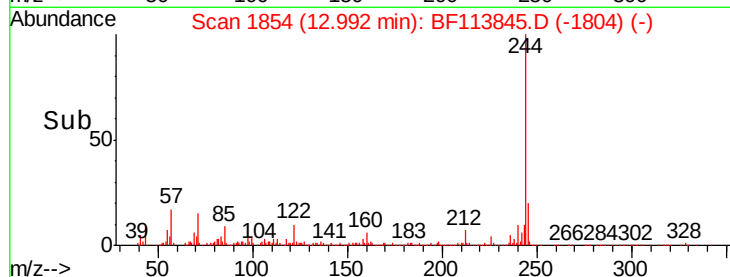
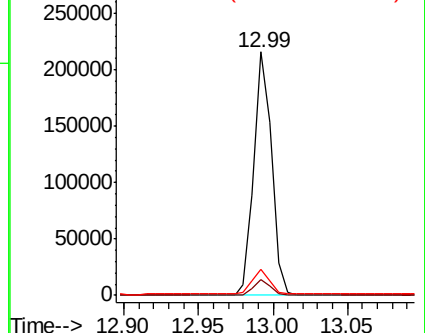
122 10.6 7.6 11.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.02 min

Lab File: BF113845.D

Acq: 19 Apr 2019 5:37

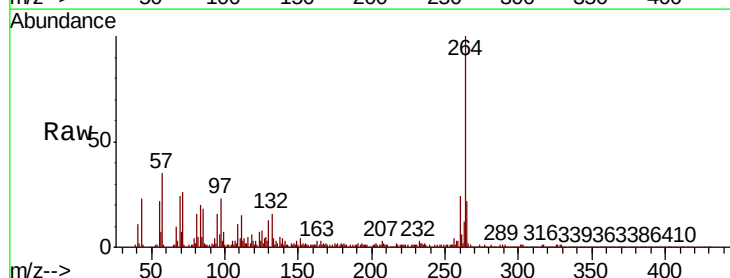
Tgt Ion:264 Resp: 346698

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.0 17.3 25.9



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

