

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
 Data File : BF113847.D
 Acq On : 19 Apr 2019 6:34
 Operator : JU/SJ
 Sample : K2430-05 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Quant Time: Apr 19 07:25:03 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	141413	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	486716	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	240758	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	495149	20.00	ng	0.00
76) Chrysene-d12	14.06	240	261913	20.00	ng	0.02
87) Perylene-d12	15.57	264	265690	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	18640	2.19	ng	0.00
7) Phenol-d6	6.50	99	23158	2.18	ng	-0.01
23) Nitrobenzene-d5	7.45	82	13531	1.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	5929	2.23	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	27165	1.72	ng	0.00
79) Terphenyl-d14	13.00	244	38858	3.11	ng	0.00

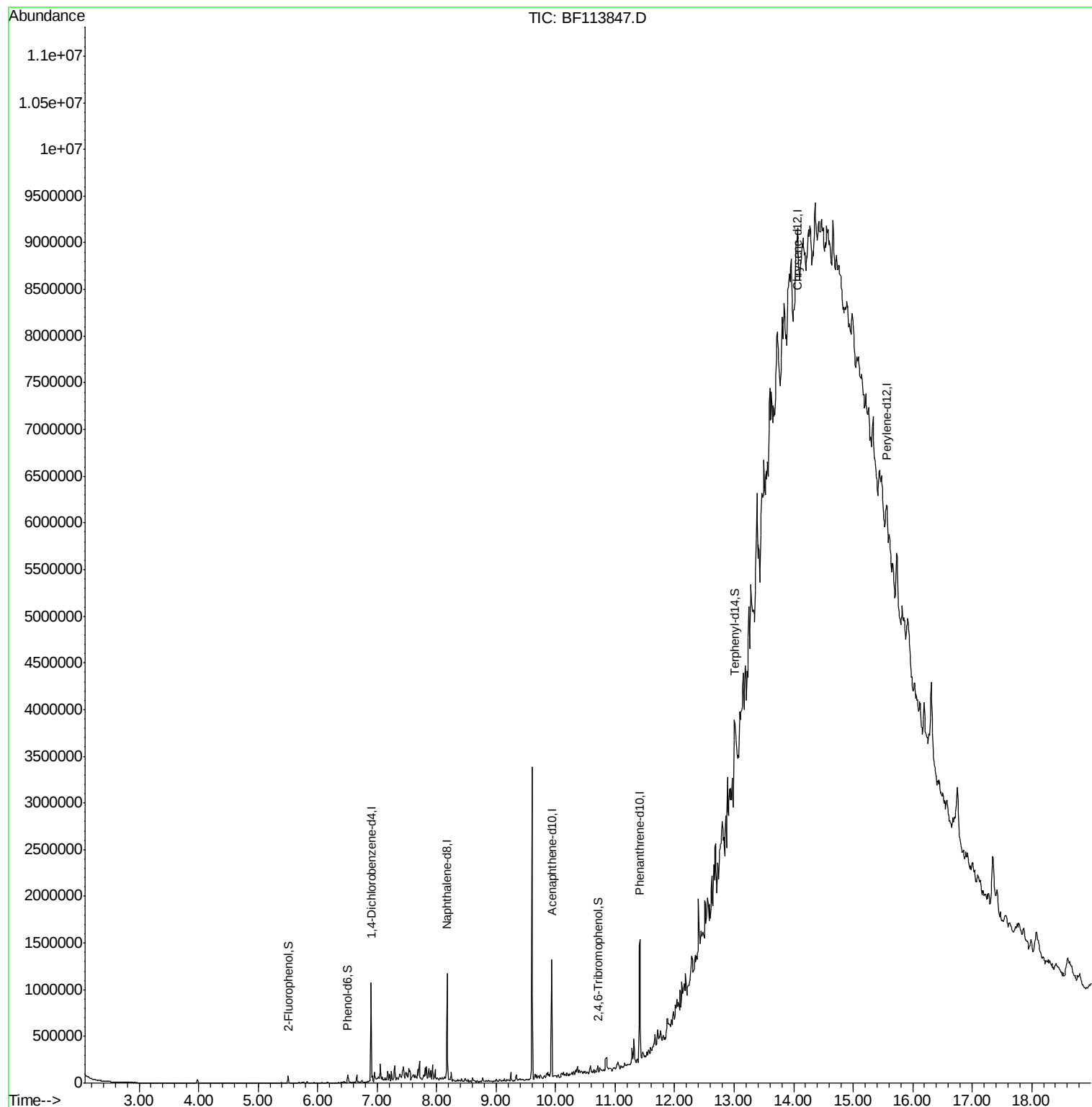
Target Compounds Qvalue

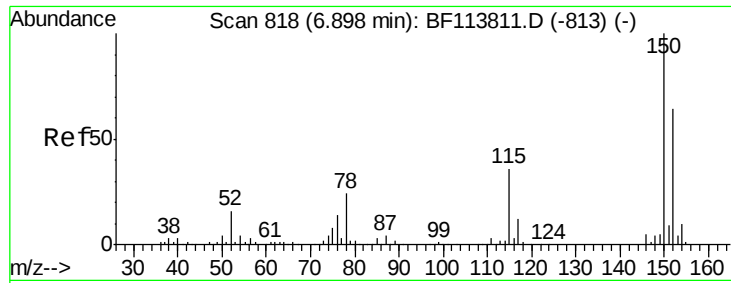
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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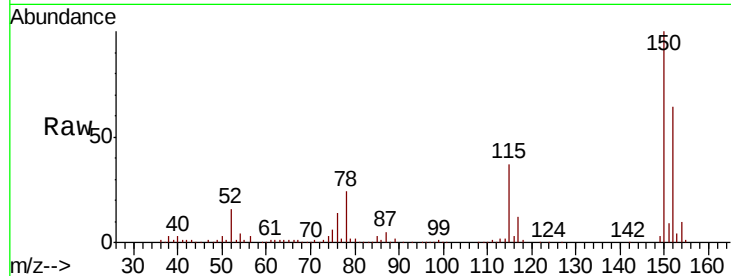


#1

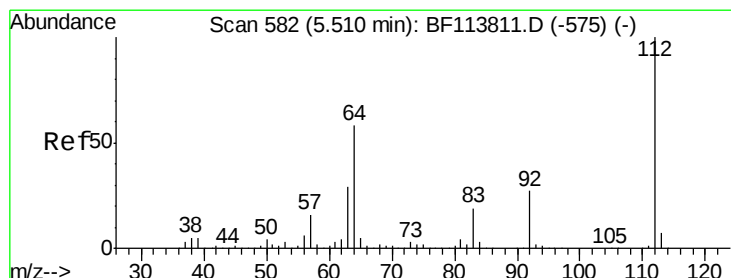
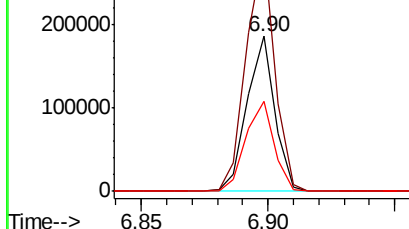
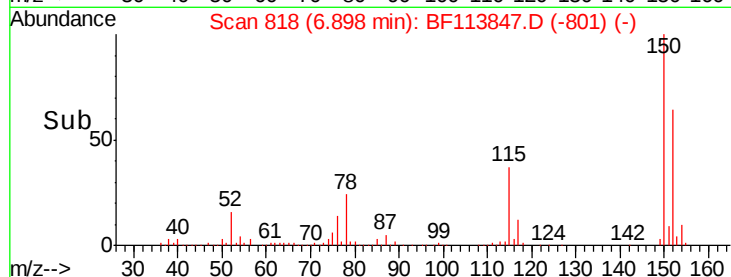
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113847.D
 Acq: 19 Apr 2019 6:34

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:152 Resp: 141413
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.9 188.9
 115 57.9 45.9 68.9



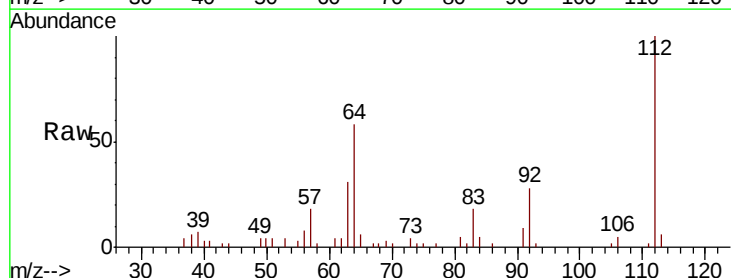
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



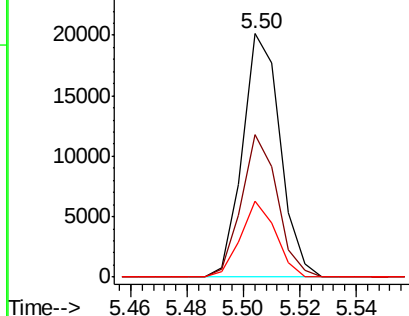
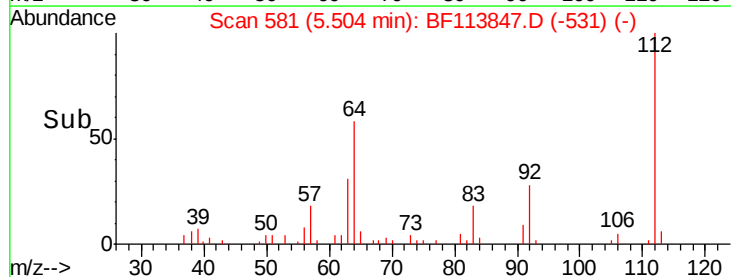
#5

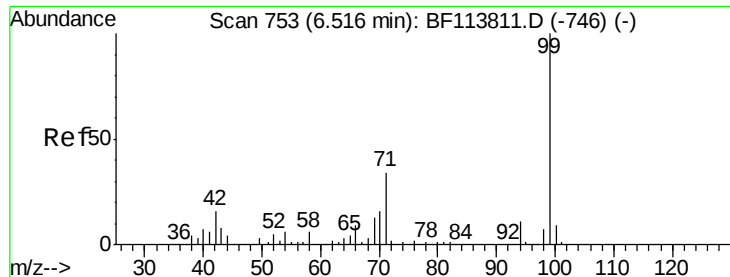
2-Fluorophenol
 Concen: 2.192 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF113847.D
 Acq: 19 Apr 2019 6:34

Tgt Ion:112 Resp: 18640
 Ion Ratio Lower Upper
 112 100
 64 58.3 46.6 69.8
 63 31.3 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: 2.183 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

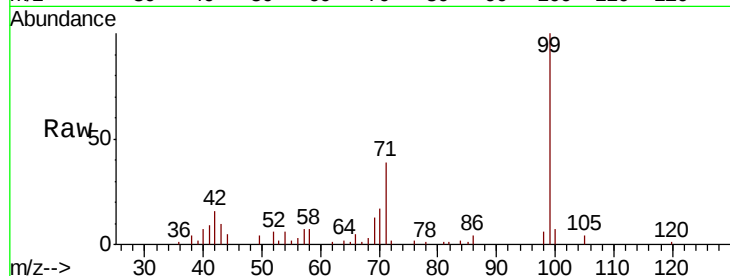
Tot Ion: 99 Resp: 23158

Ion Ratio Lower Upper

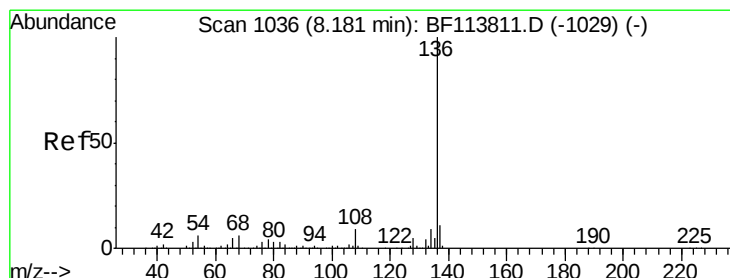
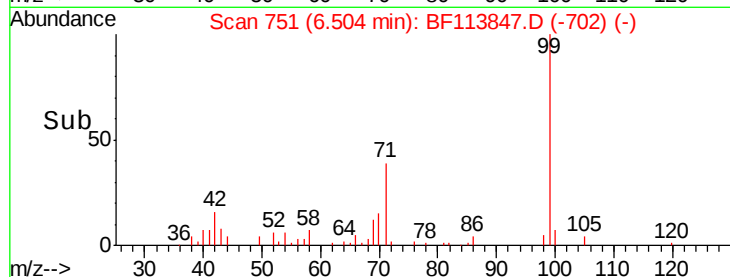
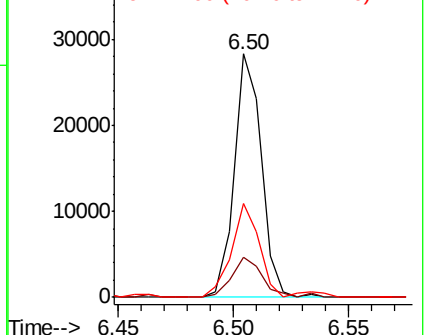
99 100

42 16.3 12.5 18.7

71 38.6 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: BF113847.D

Acq: 19 Apr 2019 6:34

Tgt Ion: 136 Resp: 486716

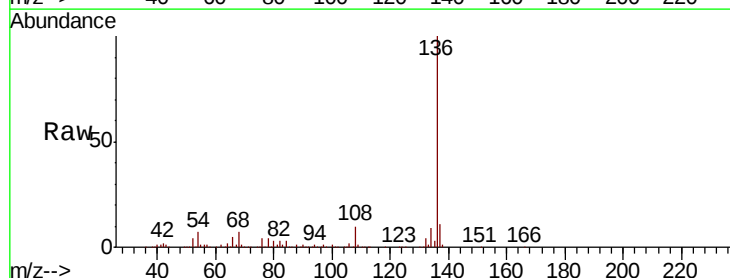
Ion Ratio Lower Upper

136 100

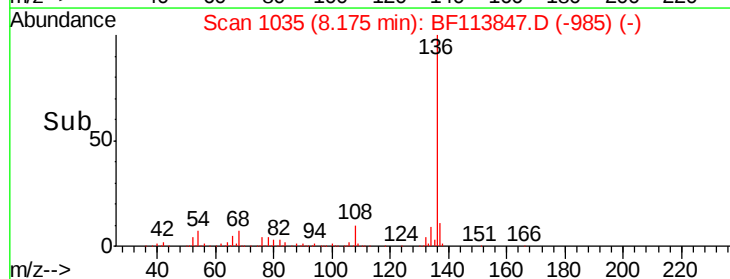
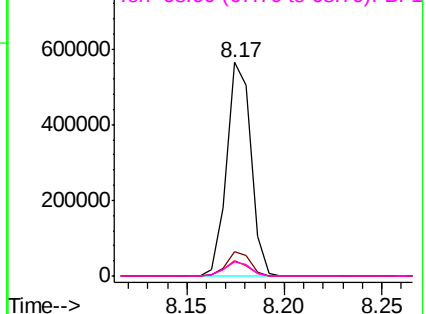
137 11.4 8.6 12.8

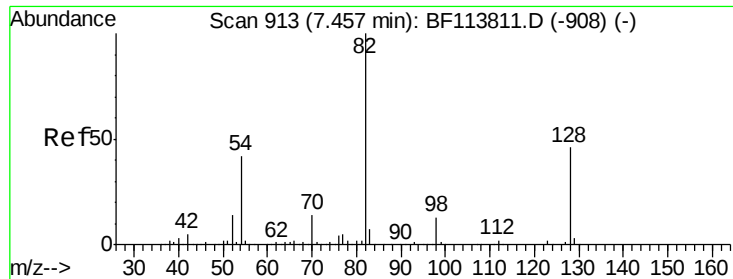
54 7.3 5.0 7.6

68 6.8 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

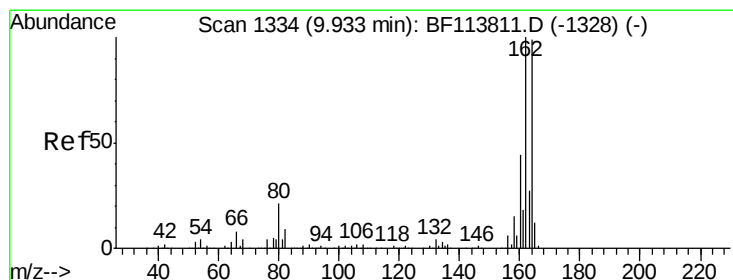
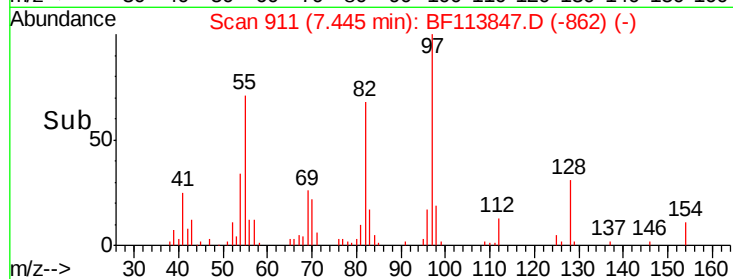
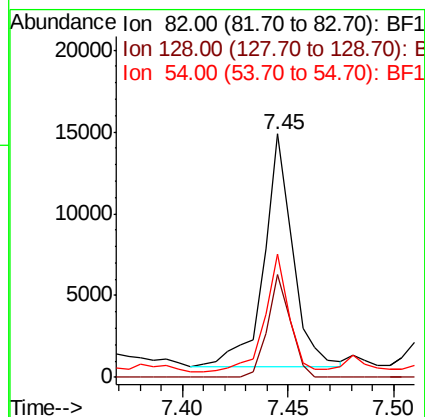
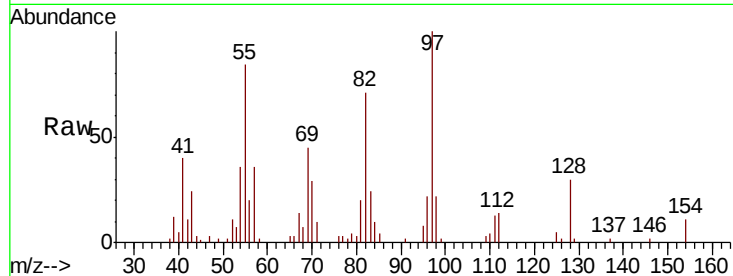




#23
Nitrobenzene-d5
Concen: 1.693 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

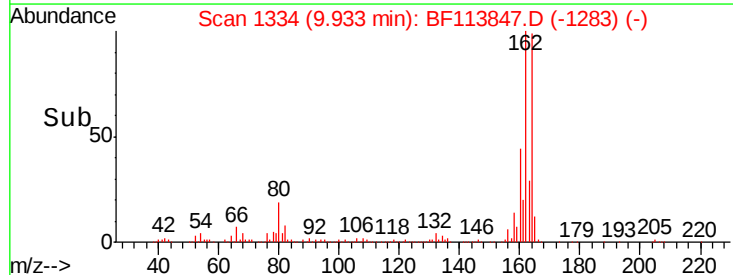
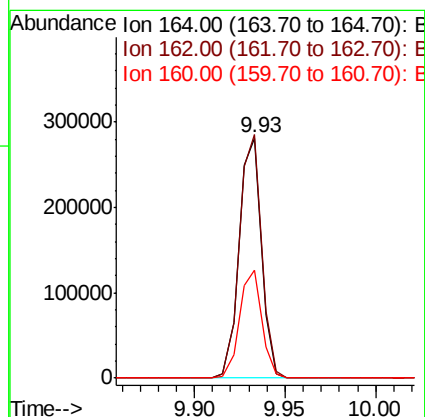
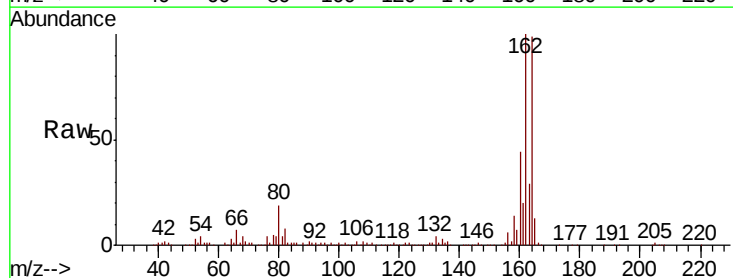
Instrument :
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OILY-DEBRIS

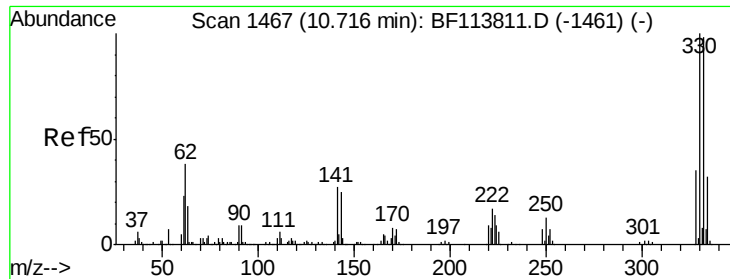
Tot Ion	82	128	54
Resp:	13531		
Ion Ratio	100	42.4	50.4
Lower		36.8	33.8
Upper		55.2	50.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Tgt Ion	164	162	160
Resp:	240758		
Ion Ratio	100	101.4	44.7
Lower		81.1	35.8
Upper		121.7	53.6

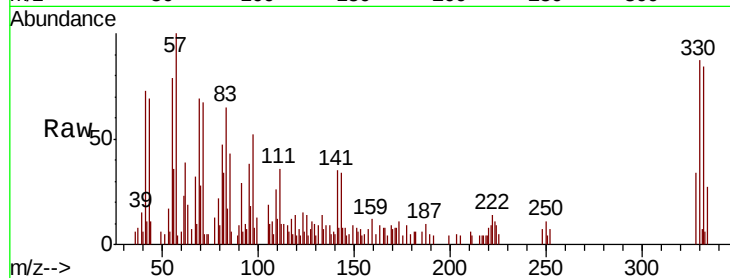




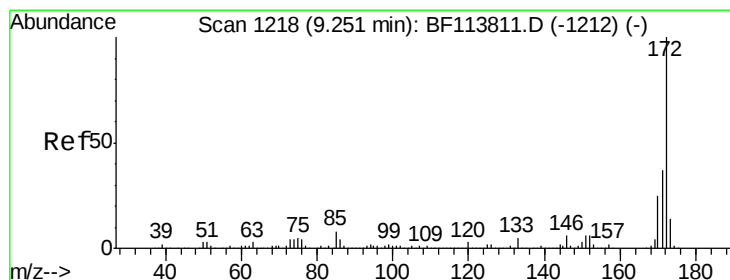
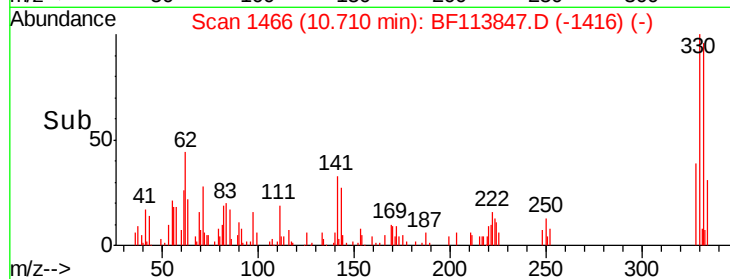
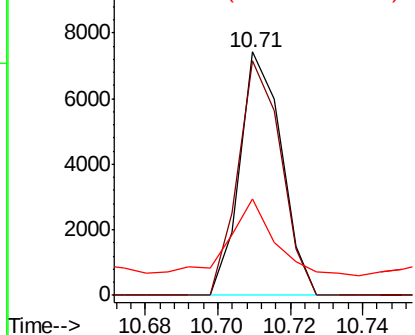
#42
 2,4,6-Tribromophenol
 Concen: 2.229 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF113847.D
 Acq: 19 Apr 2019 6:34

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DEBRIS

Tot Ion:330 Resp: 5929
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.5 116.3
 141 34.1 22.2 33.2#

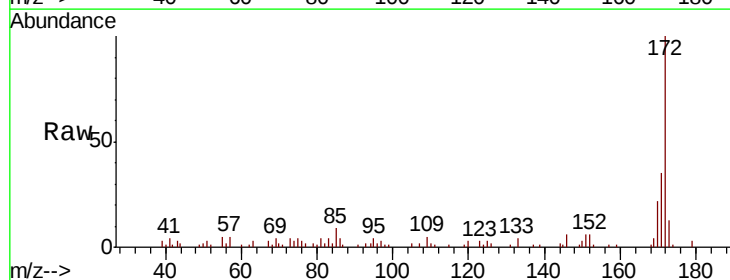


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

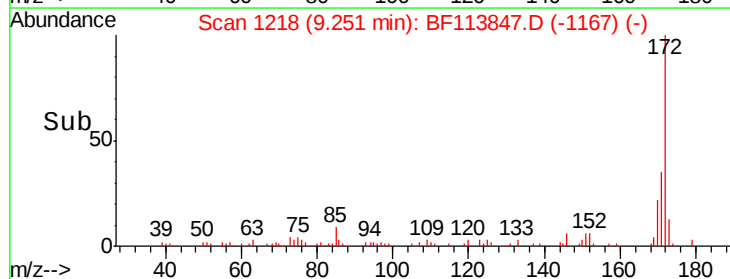
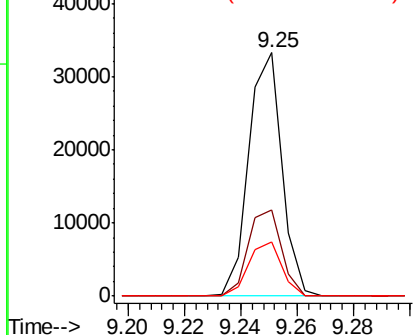


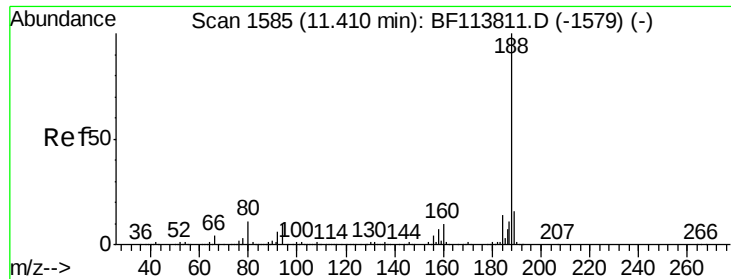
#45
 2-Fluorobiphenyl
 Concen: 1.721 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113847.D
 Acq: 19 Apr 2019 6:34

Tgt Ion:172 Resp: 27165
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 22.4 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

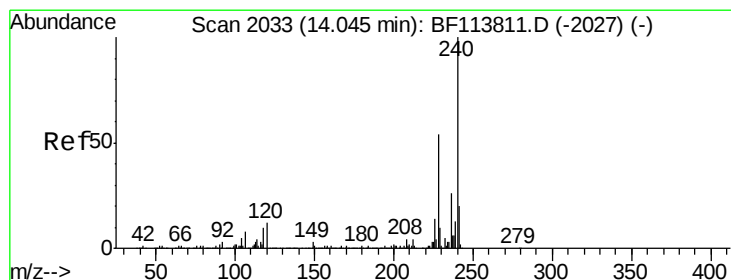
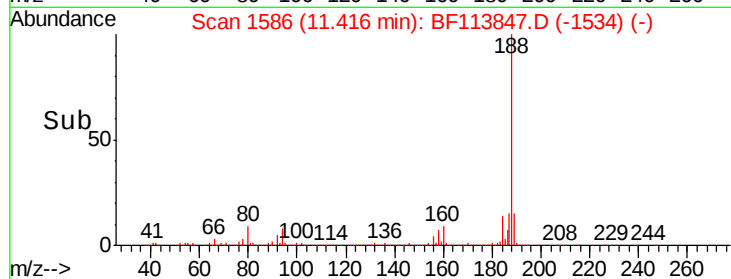
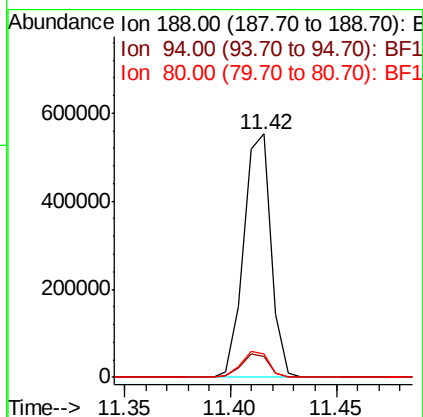
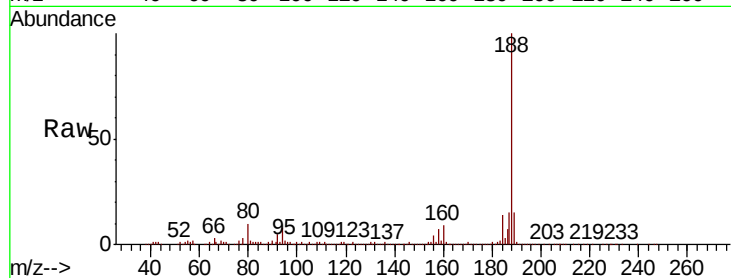




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

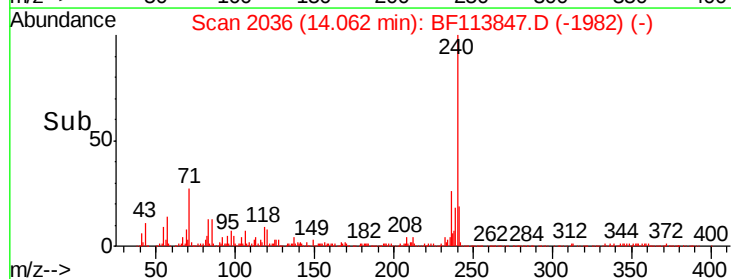
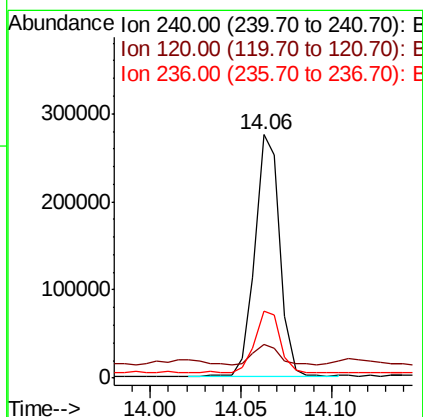
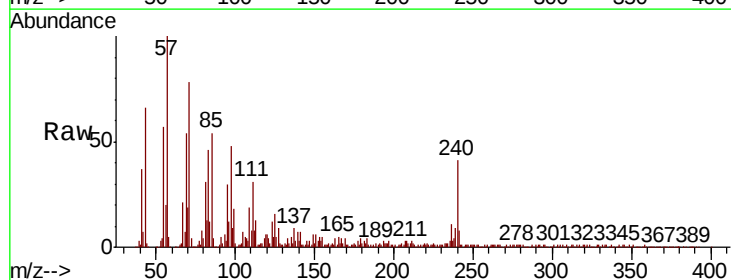
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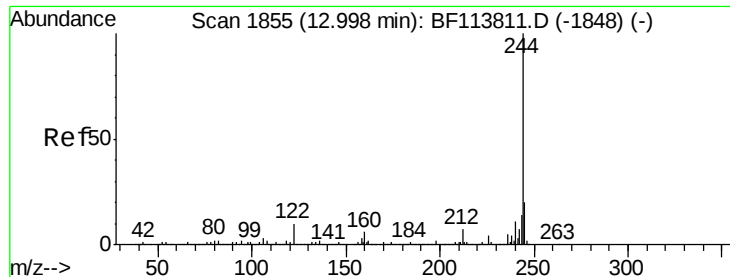
Tot Ion:188 Resp: 495149
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.4
80 9.5 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF113847.D
Acq: 19 Apr 2019 6:34

Tgt Ion:240 Resp: 261913
Ion Ratio Lower Upper
240 100
120 14.0 9.3 13.9#
236 27.6 21.2 31.8





#79

Terphenyl-d14

Concen: 3.111 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

Instrument :

BNA_F

ClientSampleId :

OILY-DEBRIS

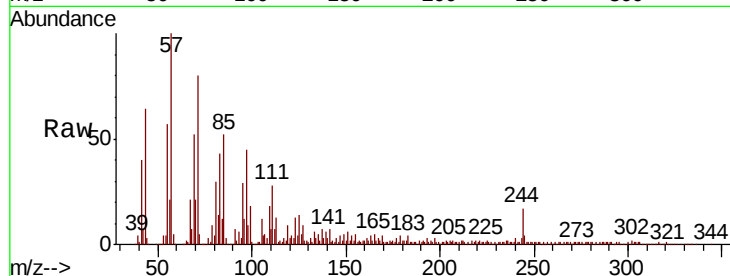
Tot Ion:244 Resp: 38858

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.2#

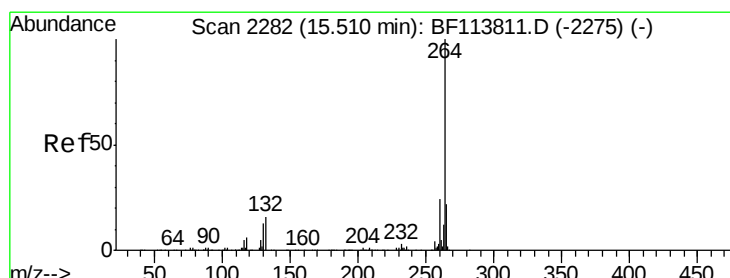
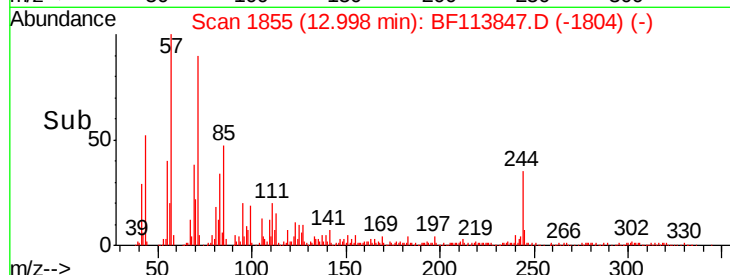
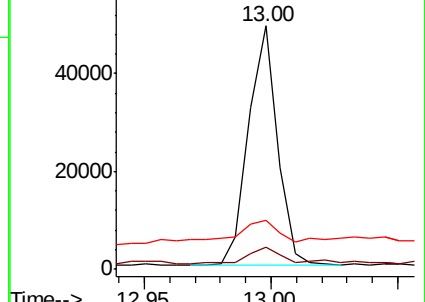
122 20.1 7.6 11.4#



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: 15.57 min Scan# 2292

Delta R.T. 0.06 min

Lab File: BF113847.D

Acq: 19 Apr 2019 6:34

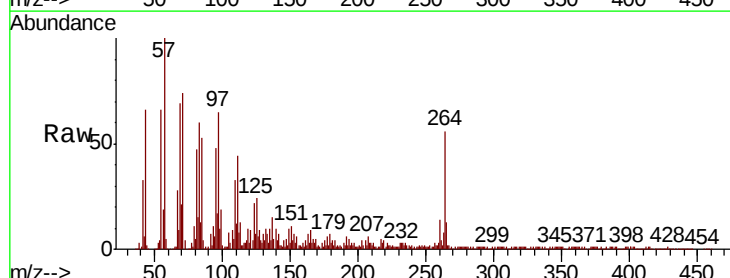
Tgt Ion:264 Resp: 265690

Ion Ratio Lower Upper

264 100

260 24.5 18.9 28.3

265 23.3 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

