

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114147.D
 Acq On : 11 May 2019 3:11
 Operator : JU/SJ
 Sample : K2770-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: May 11 05:14:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	277635	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	992491	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	409577	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	851042	20.00	ng	0.00
76) Chrysene-d12	14.01	240	549370	20.00	ng	-0.01
87) Perylene-d12	15.49	264	480690	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	265287	15.38	ng	0.00
7) Phenol-d6	6.49	99	342995	16.81	ng	0.00
23) Nitrobenzene-d5	7.41	82	163847	9.26	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	65057	15.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	335667	12.40	ng	0.00
79) Terphenyl-d14	12.95	244	375891	14.10	ng	0.00

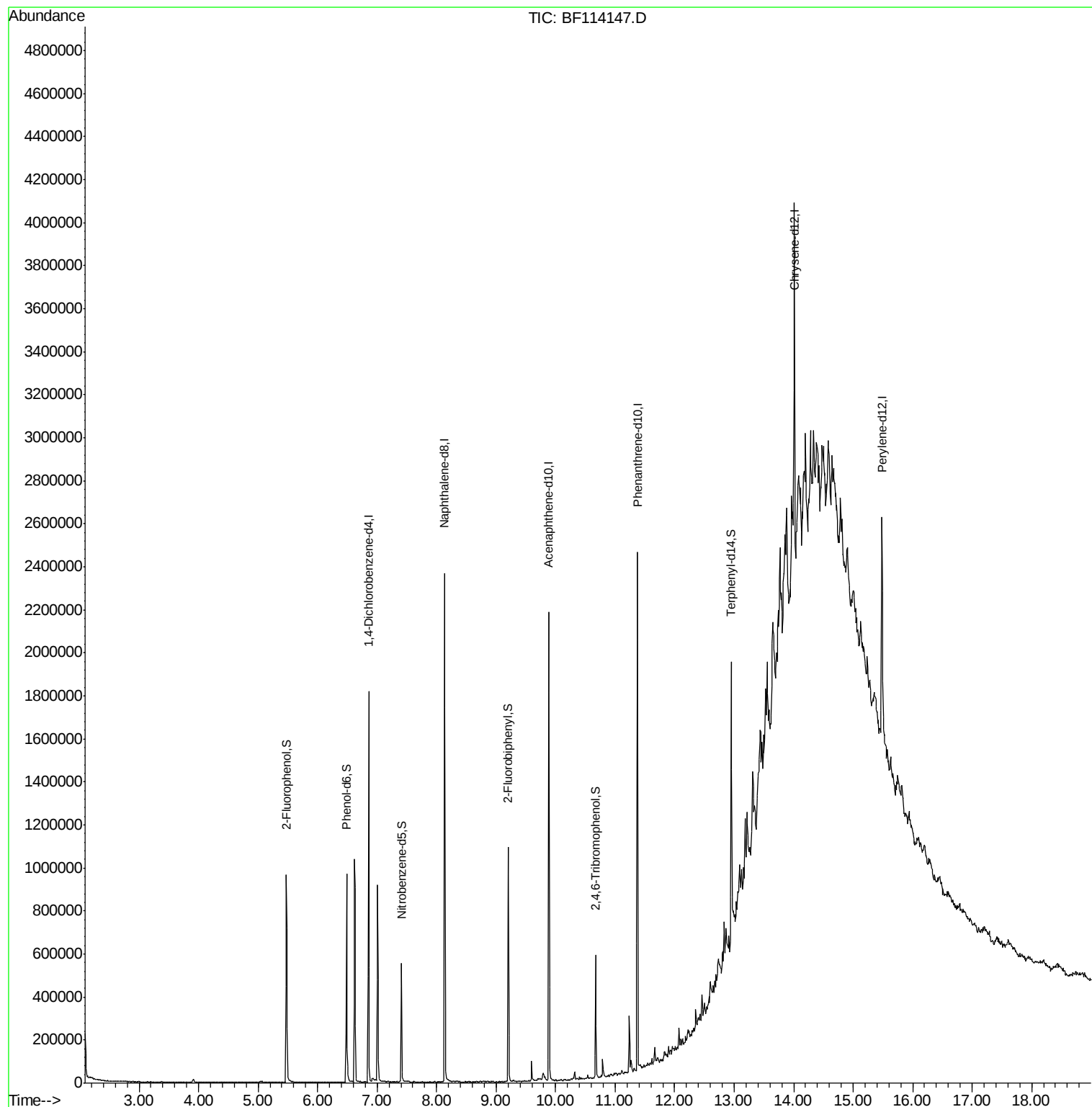
Target Compounds	Qvalue
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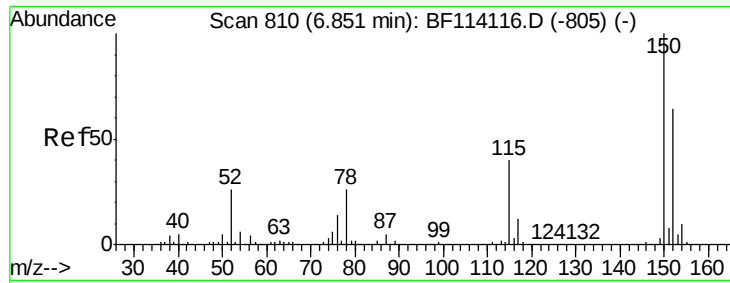
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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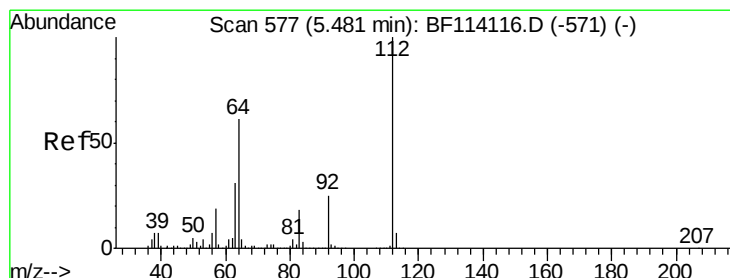
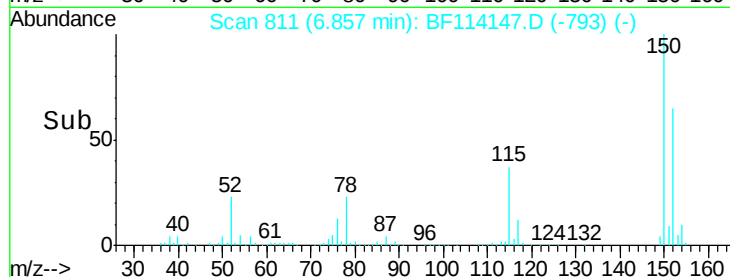
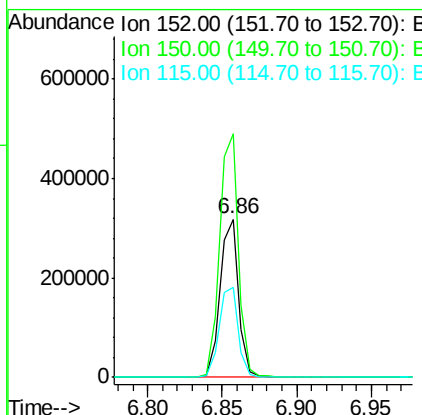
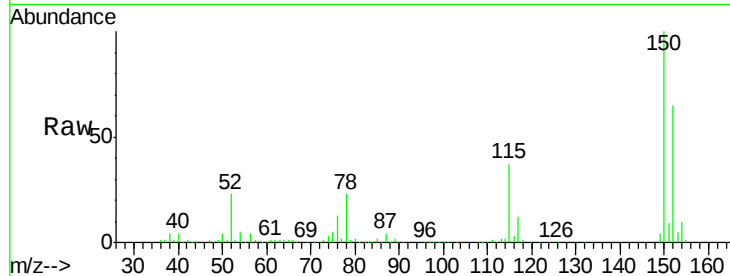




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: BF114147.D
 Acq: 11 May 2019 3:11

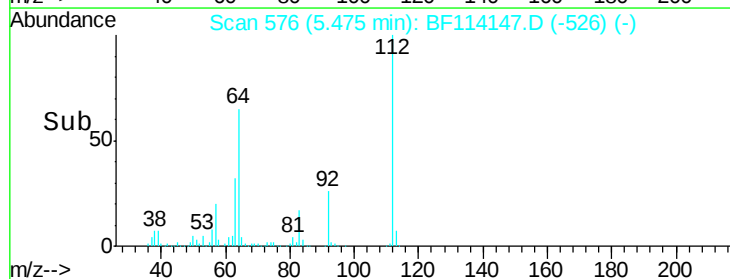
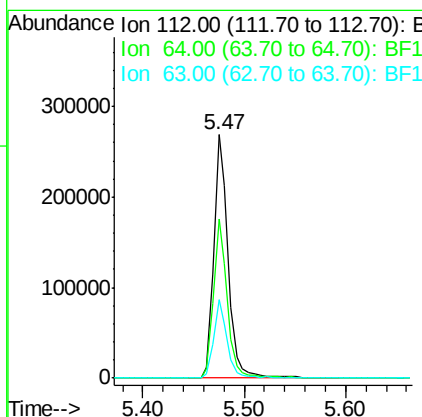
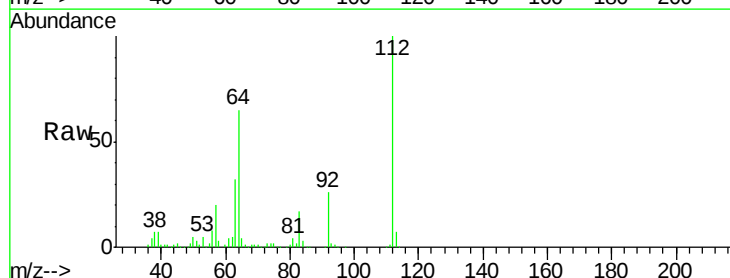
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

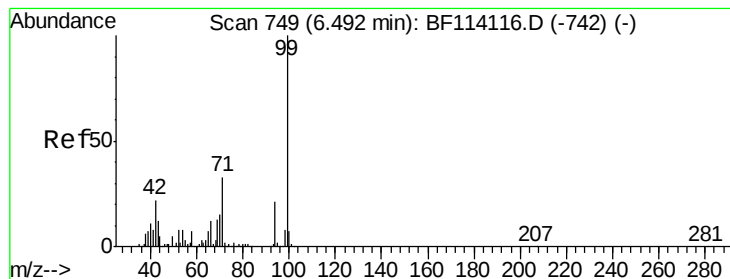
Tgt Ion:152 Resp: 277635
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.3 186.5
 115 56.7 49.1 73.7



#5
 2-Fluorophenol
 Concen: 15.377 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF114147.D
 Acq: 11 May 2019 3:11

Tgt Ion:112 Resp: 265287
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.0 73.6
 63 32.0 24.6 37.0





#7

Phenol-d6

Concen: 16.809 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114147.D

Acq: 11 May 2019 3:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

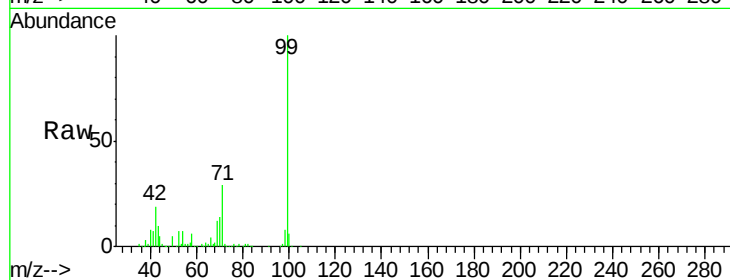
Tgt Ion: 99 Resp: 342995

Ion Ratio Lower Upper

99 100

42 19.4 17.9 26.9

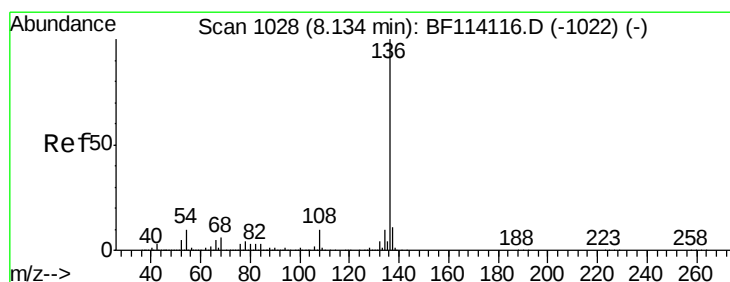
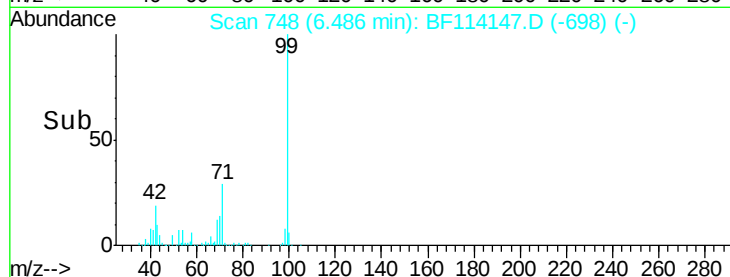
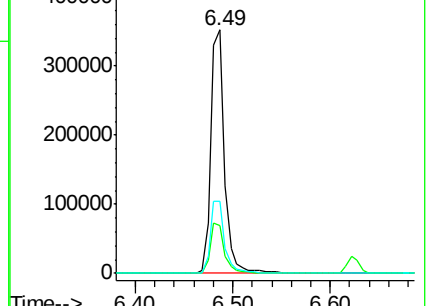
71 29.4 26.2 39.2



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: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114147.D

Acq: 11 May 2019 3:11

Tgt Ion: 136 Resp: 992491

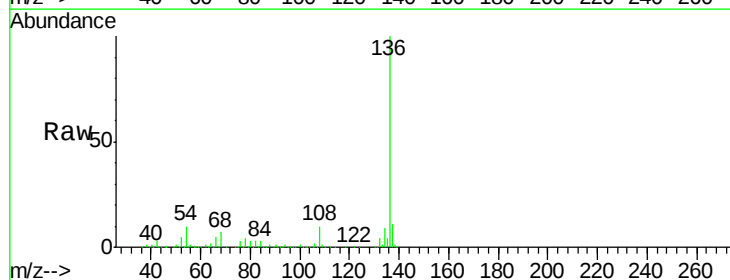
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.0 7.8 11.8

68 6.7 5.1 7.7

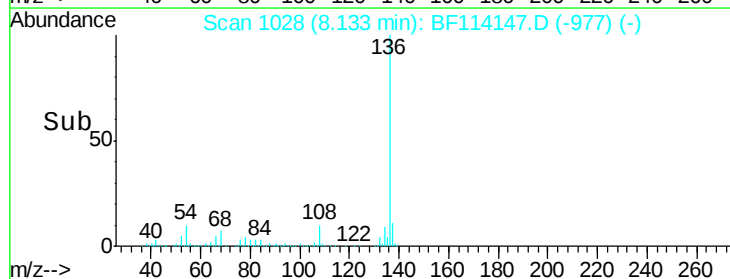
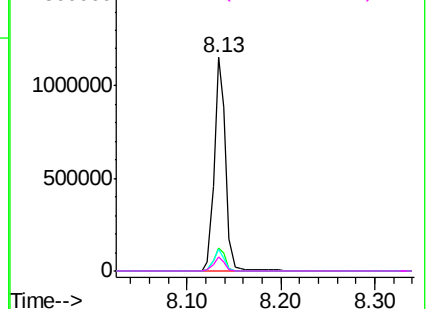


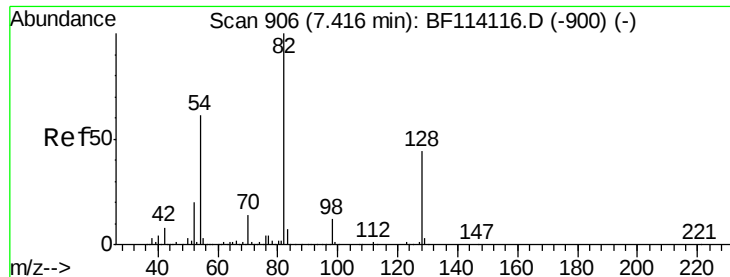
Abundance Ion 136.00 (135.70 to 136.70): E

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

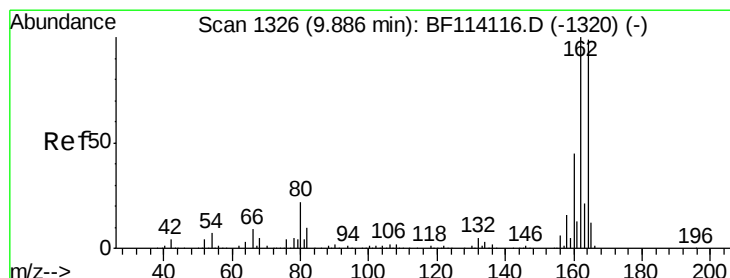
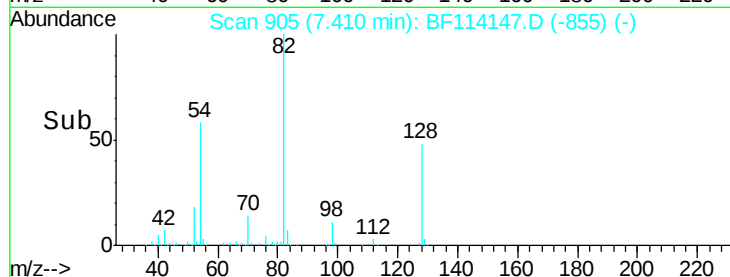
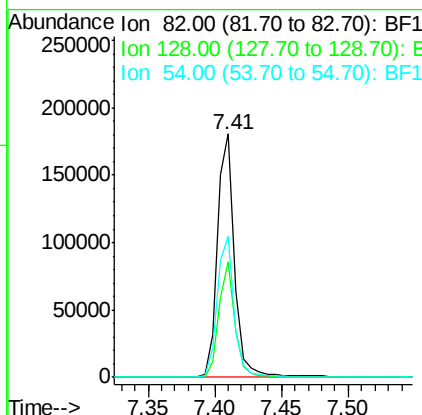
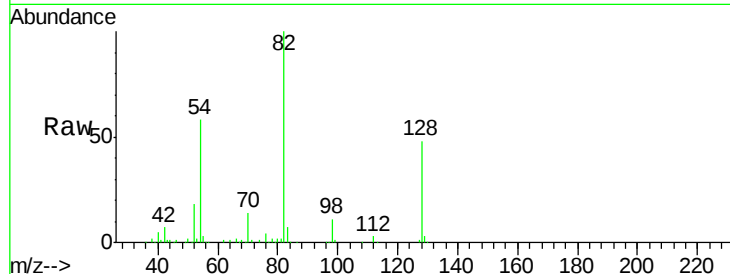




#23
 Nitrobenzene-d5
 Concen: 9.265 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114147.D
 Acq: 11 May 2019 3:11

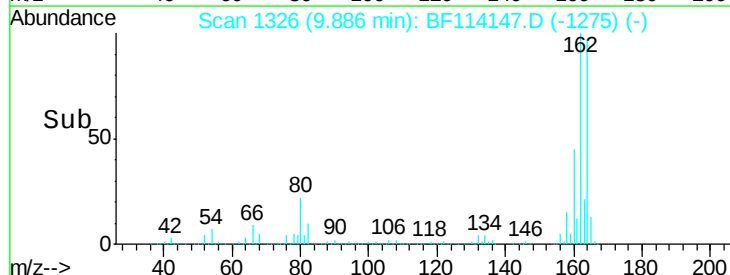
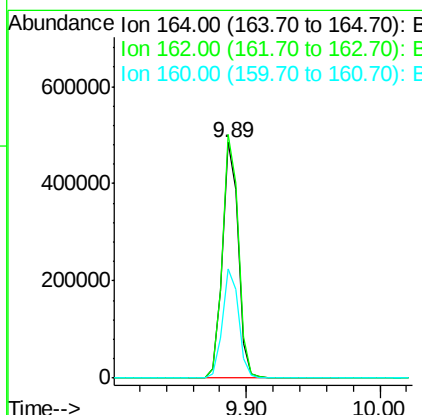
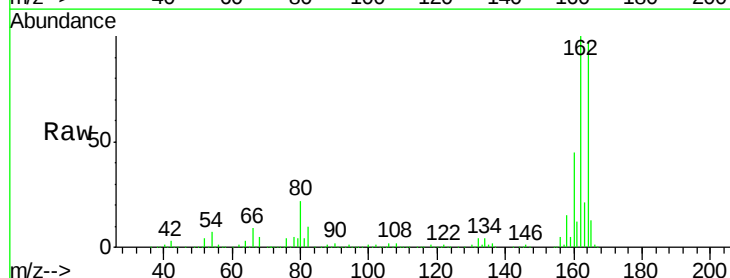
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

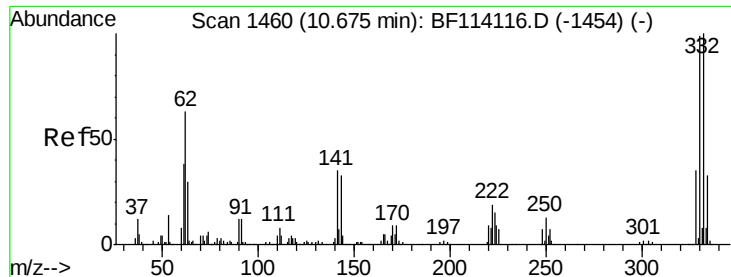
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	35.5	53.3
54	58.1	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114147.D
 Acq: 11 May 2019 3:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.6	120.8
160	46.3	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 15.364 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114147.D

Acq: 11 May 2019 3:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

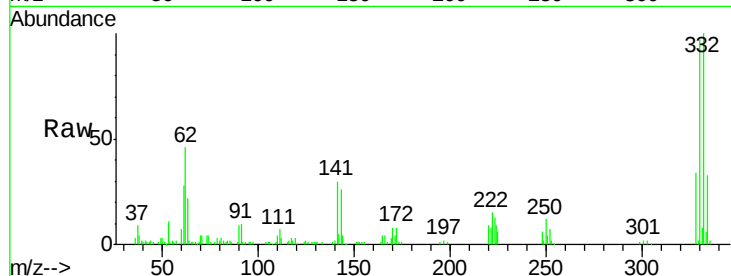
Tgt Ion:330 Resp: 65057

Ion Ratio Lower Upper

330 100

332 103.7 81.4 122.2

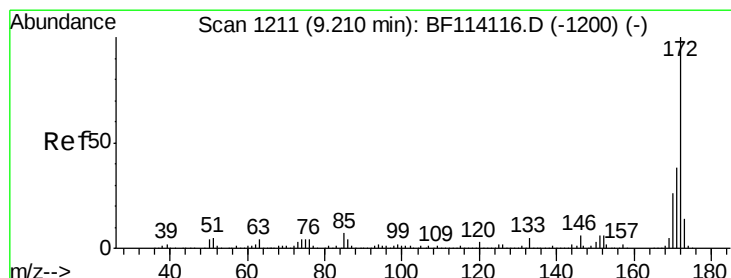
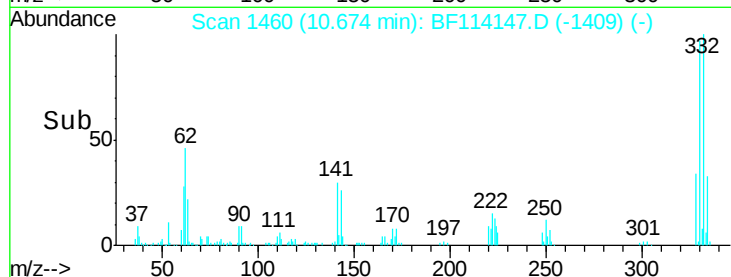
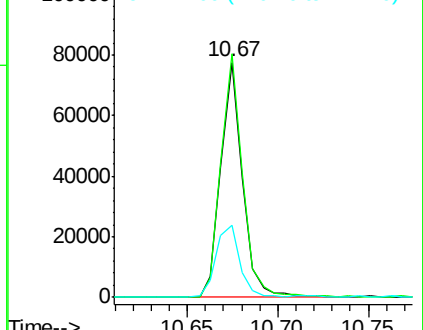
141 33.8 26.6 40.0



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: 12.397 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114147.D

Acq: 11 May 2019 3:11

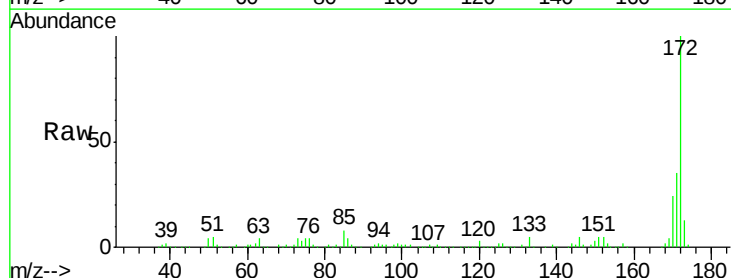
Tgt Ion:172 Resp: 335667

Ion Ratio Lower Upper

172 100

171 34.8 30.7 46.1

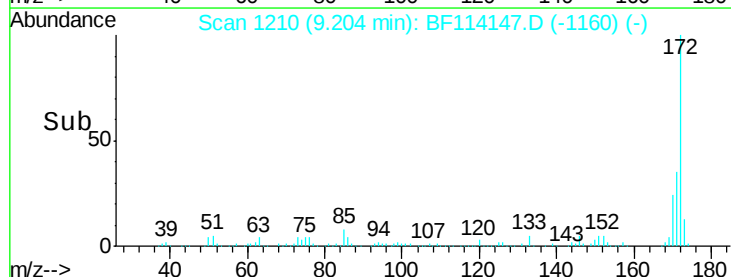
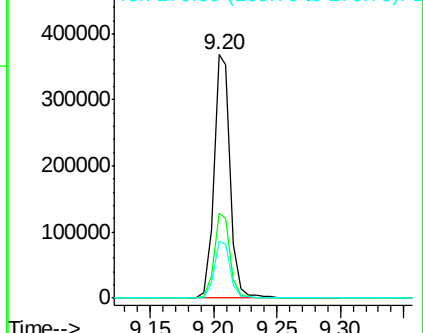
170 23.5 20.5 30.7

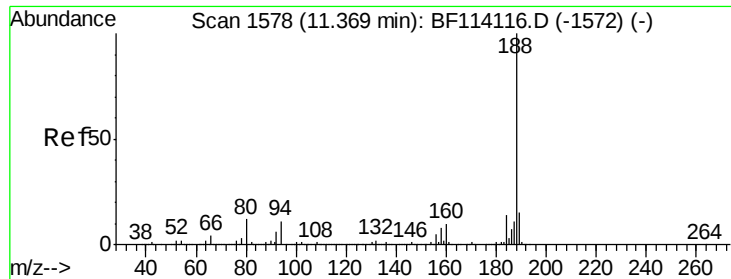


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

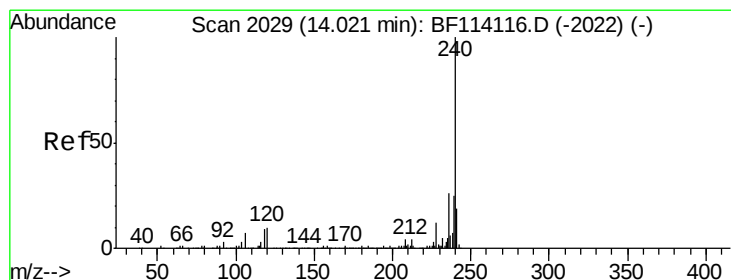
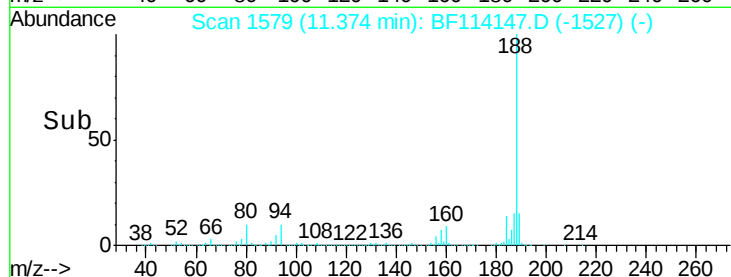
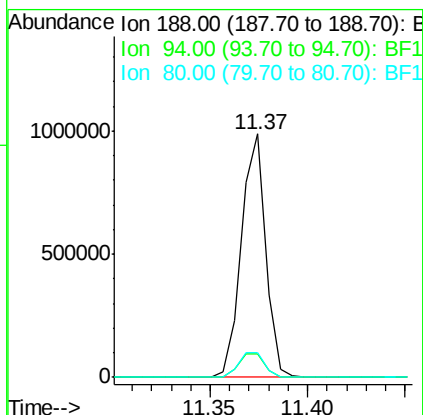
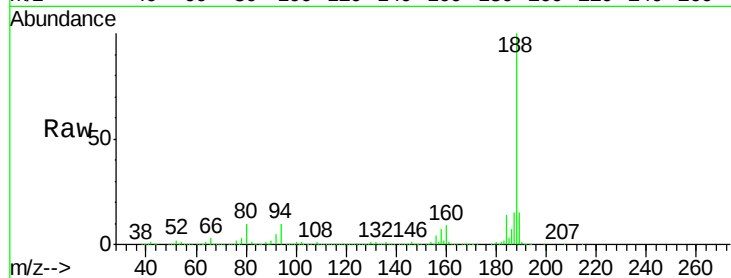




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114147.D
Acq: 11 May 2019 3:11

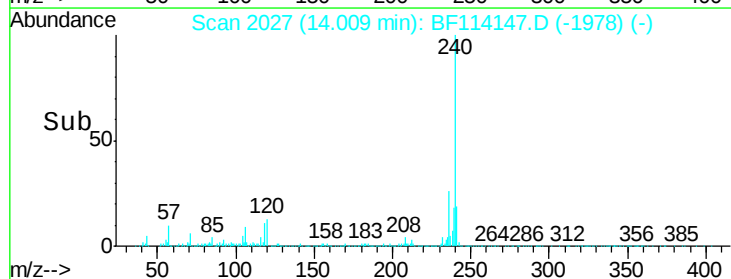
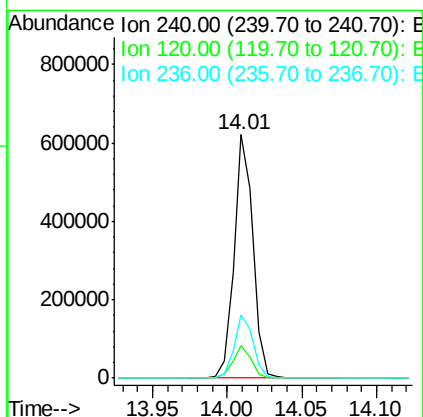
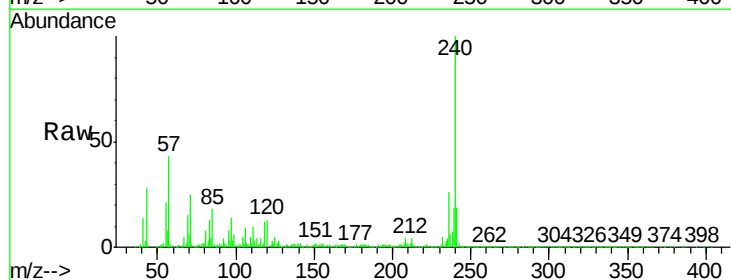
Instrument :
BNA_F
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OILY-STONES

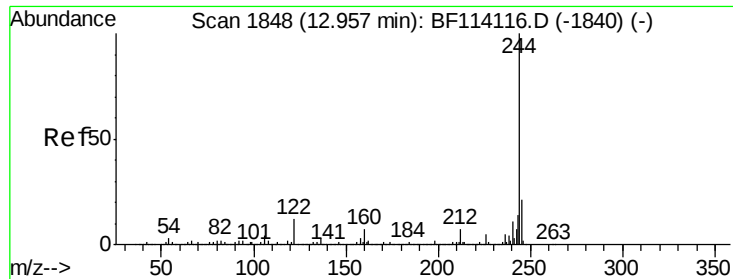
Tgt Ion:188 Resp: 851042
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.2 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114147.D
Acq: 11 May 2019 3:11

Tgt Ion:240 Resp: 549370
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 25.9 20.8 31.2





#79

Terphenyl-d14

Concen: 14.105 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114147.D

Acq: 11 May 2019 3:11

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

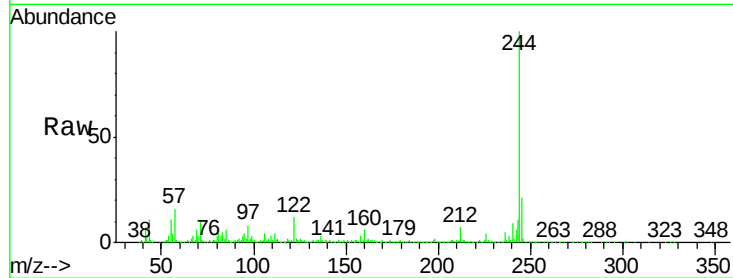
Tgt Ion:244 Resp: 375891

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

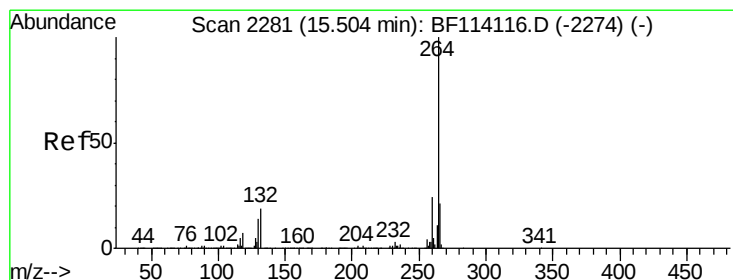
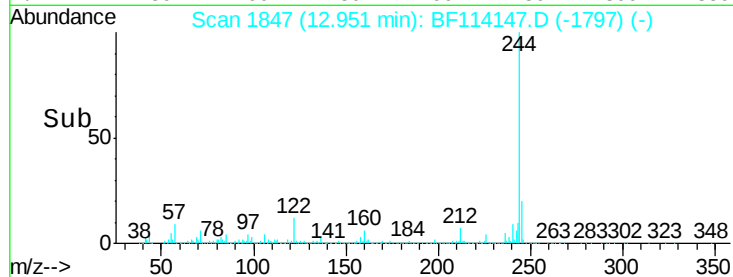
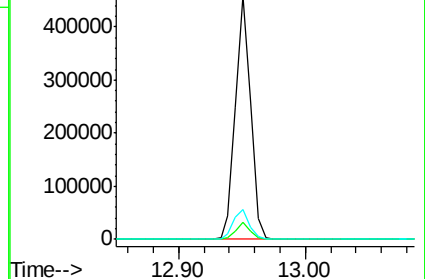
122 12.1 9.4 14.2



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: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114147.D

Acq: 11 May 2019 3:11

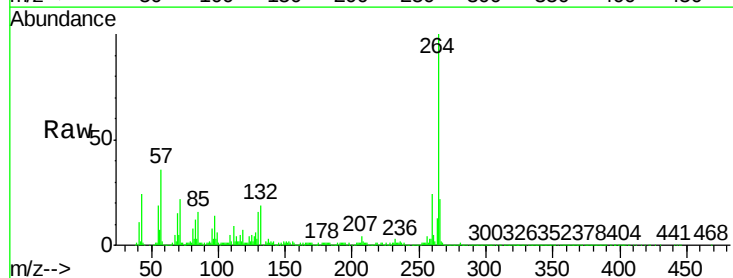
Tgt Ion:264 Resp: 480690

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.7 16.9 25.3



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

