

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
 Data File : BF118945.D
 Acq On : 14 Feb 2020 21:35
 Operator : CG/JU
 Sample : L1518-01 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Feb 15 05:26:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 14 00:49:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	218945	20.00	ng	-0.04
21) Naphthalene-d8	8.06	136	775846	20.00	ng	-0.05
39) Acenaphthene-d10	9.81	164	360205	20.00	ng	-0.05
64) Phenanthrene-d10	11.29	188	518869	20.00	ng	-0.05
76) Chrysene-d12	13.93	240	310622	20.00	ng	-0.05
87) Perylene-d12	15.39	264	368661	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	84125	7.27	ng	-0.04
7) Phenol-d6	6.41	99	106773	7.44	ng	-0.04
23) Nitrobenzene-d5	7.33	82	63059	4.84	ng	-0.05
42) 2,4,6-Tribromophenol	10.59	330	19910	4.62	ng	-0.05
45) 2-Fluorobiphenyl	9.13	172	130266	6.47	ng	-0.05
79) Terphenyl-d14	12.87	244	84269	5.57	ng	-0.05

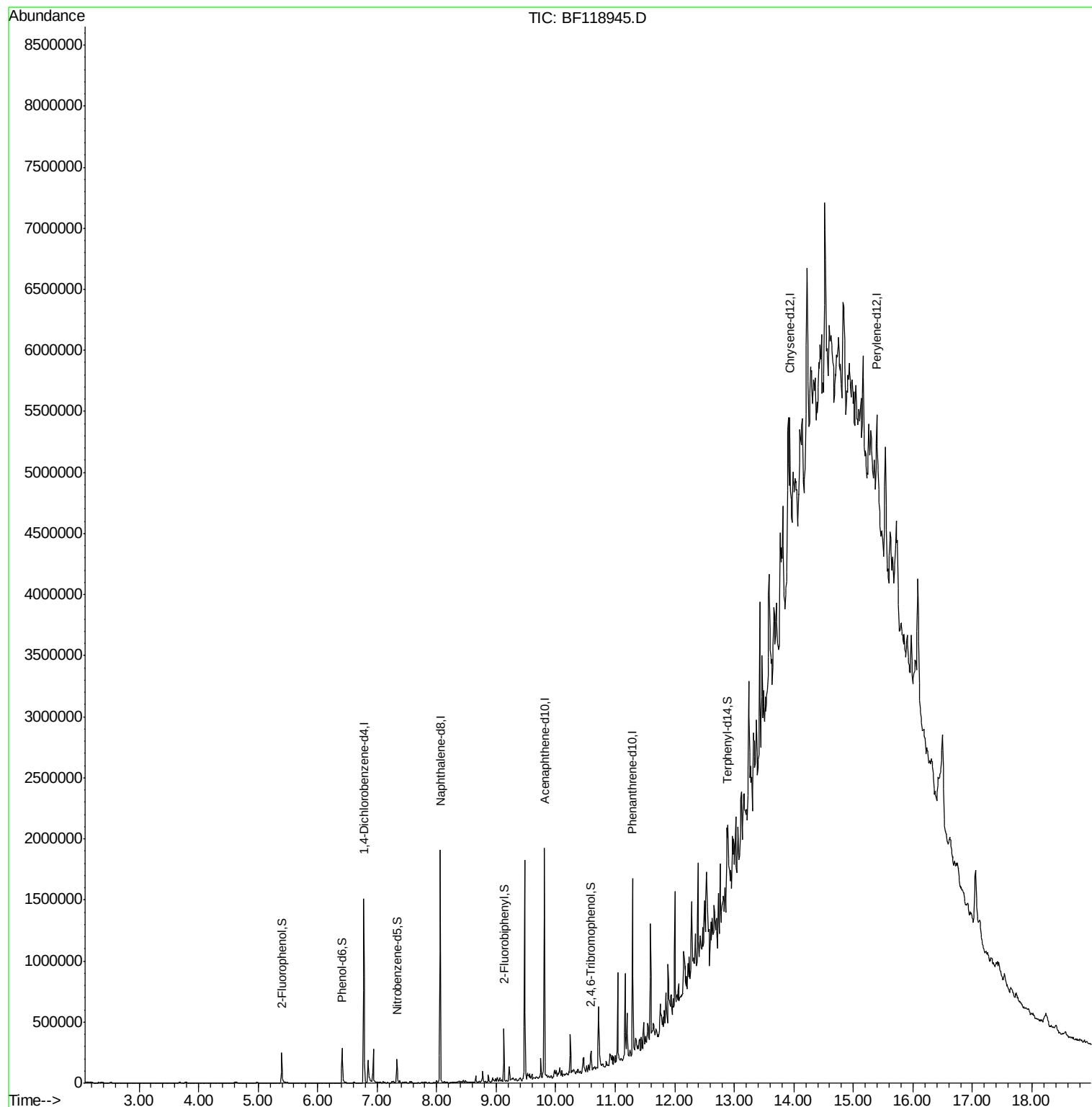
Target Compounds	Qvalue
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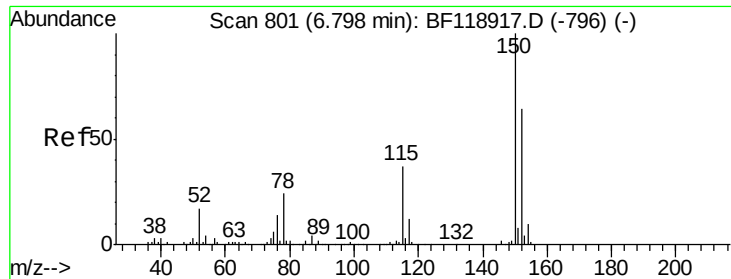
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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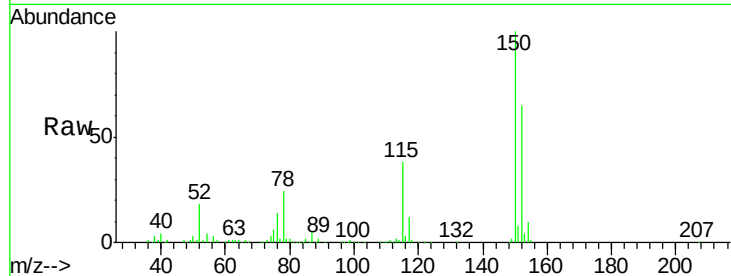


#1

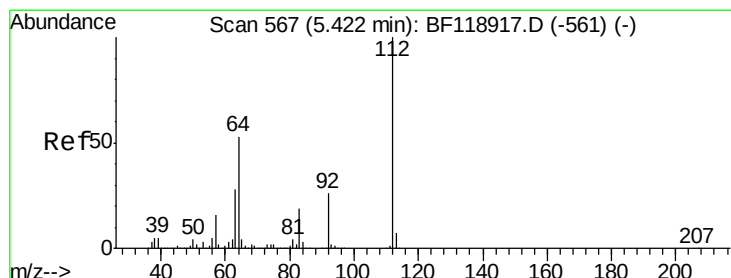
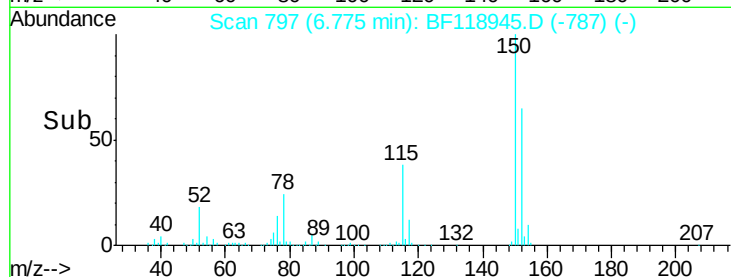
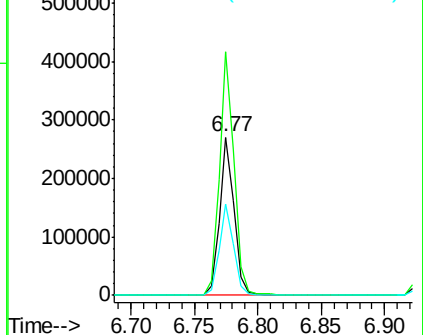
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.04 min
Lab File: BF118945.D
Acq: 14 Feb 2020 21:35

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tgt Ion:152 Resp: 218945
Ion Ratio Lower Upper
152 100
150 154.2 123.6 185.4
115 57.9 48.2 72.2



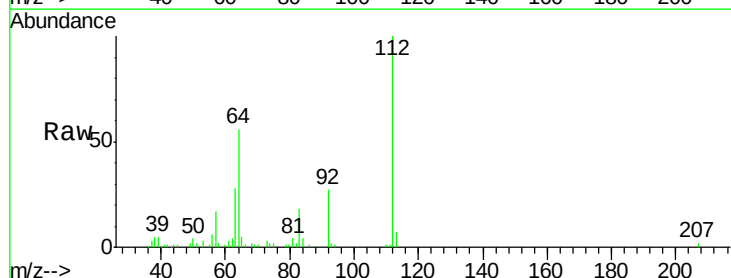
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



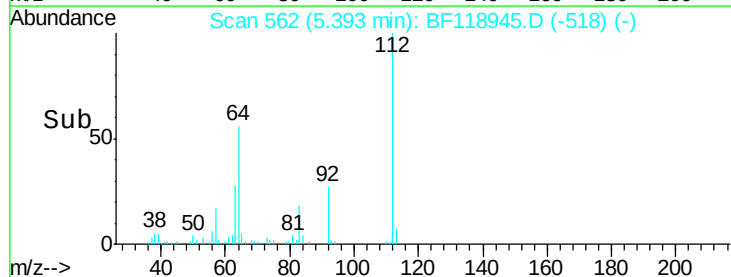
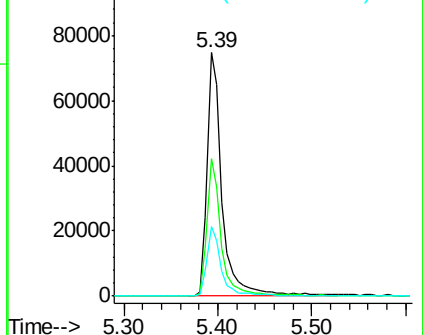
#5

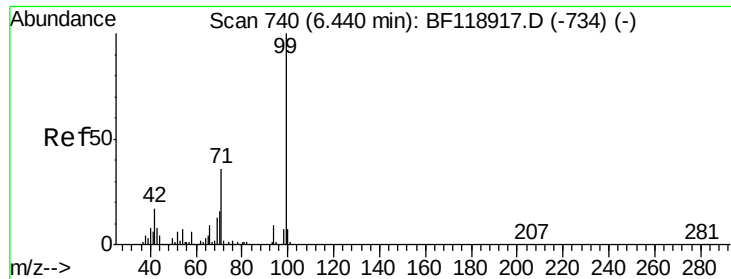
2-Fluorophenol
Concen: 7.27 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.04 min
Lab File: BF118945.D
Acq: 14 Feb 2020 21:35

Tgt Ion:112 Resp: 84125
Ion Ratio Lower Upper
112 100
64 56.2 42.6 63.8
63 28.3 22.2 33.4



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: 7.44 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.04 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

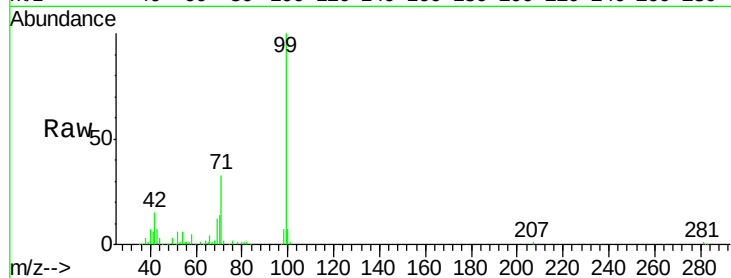
Tgt Ion: 99 Resp: 106773

Ion Ratio Lower Upper

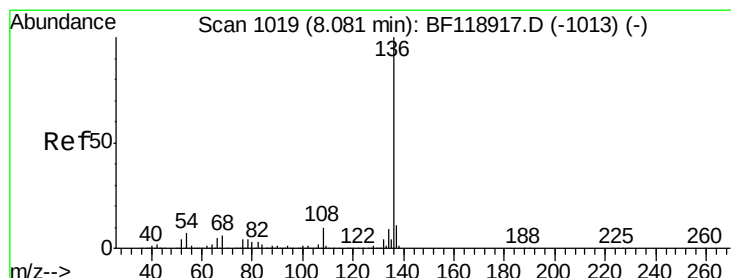
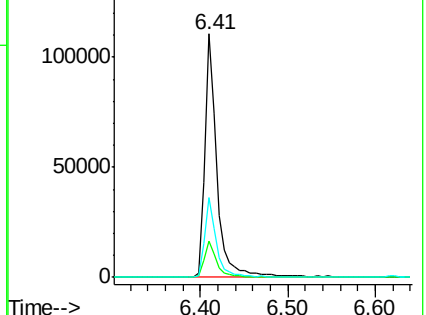
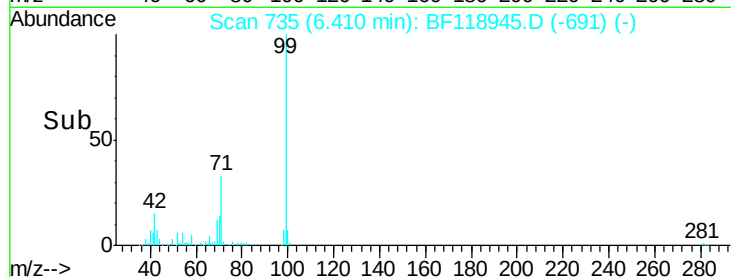
99 100

42 15.0 13.4 20.0

71 32.8 29.0 43.6



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: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.05 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

Tgt Ion: 136 Resp: 775846

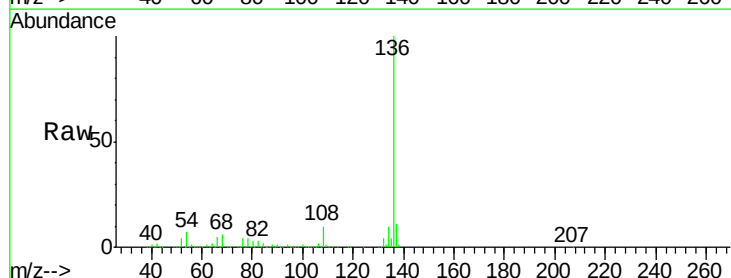
Ion Ratio Lower Upper

136 100

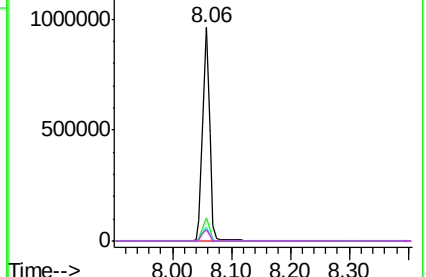
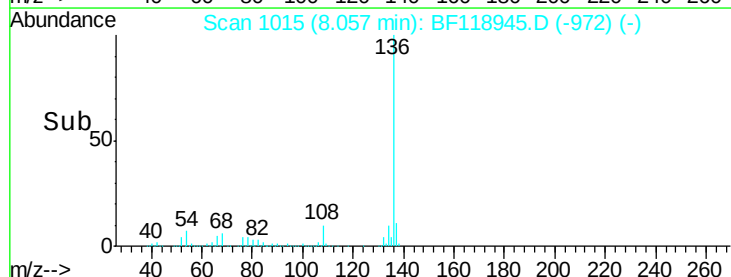
137 11.0 8.7 13.1

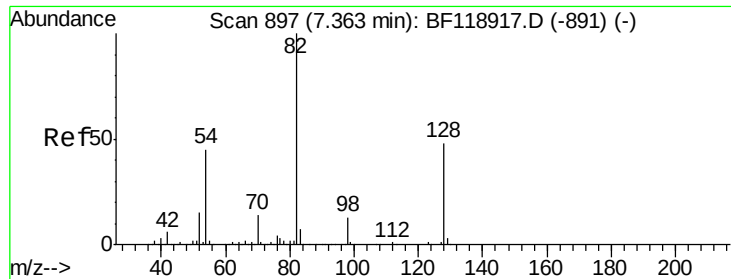
54 6.7 5.0 7.6

68 5.6 4.2 6.4



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

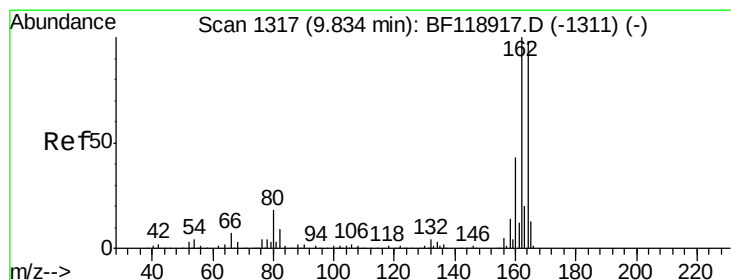
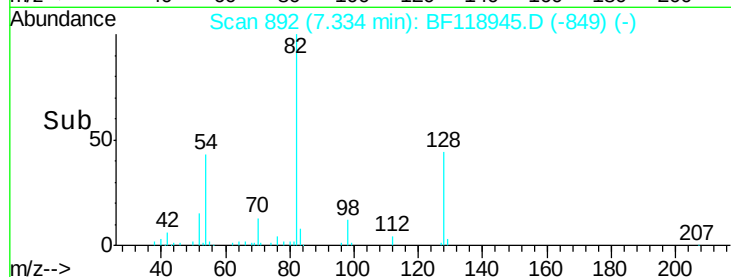
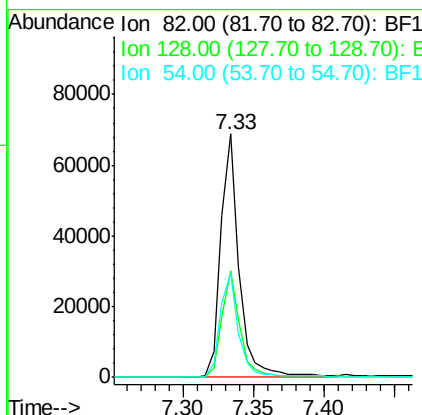
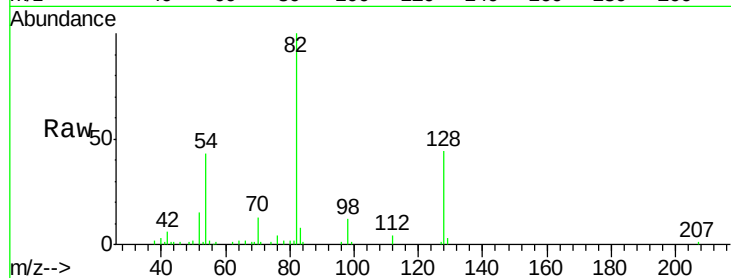




#23
 Nitrobenzene-d5
 Concen: 4.84 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.05 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

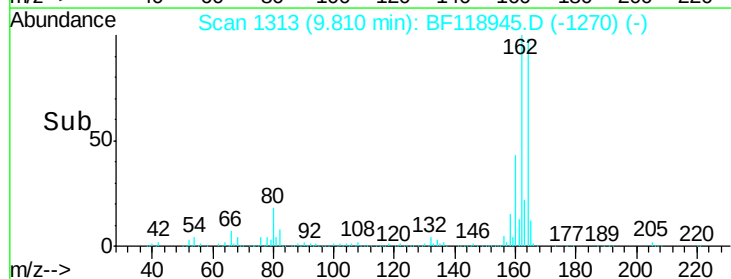
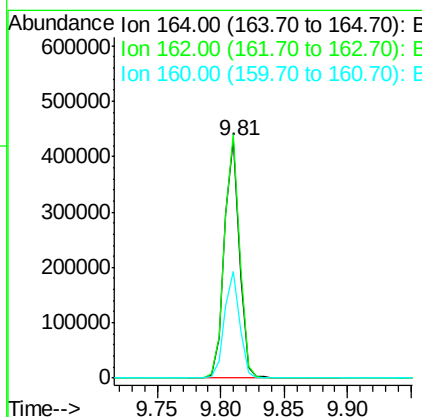
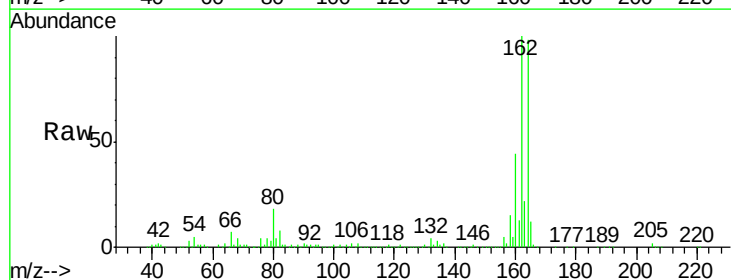
Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

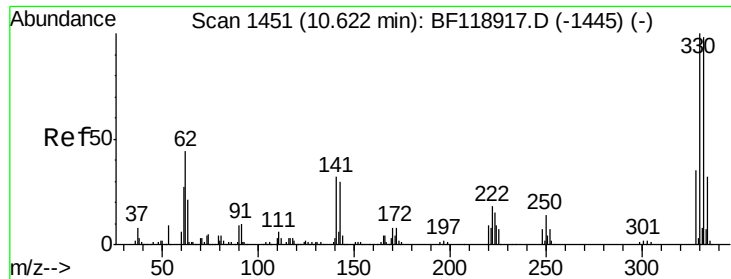
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	38.5	57.7
54	42.6	36.7	55.1



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: BF118945.D
 Acq: 14 Feb 2020 21:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.2
160	44.5	35.6	53.4





#42

2,4,6-Tribromophenol

Concen: 4.62 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.05 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

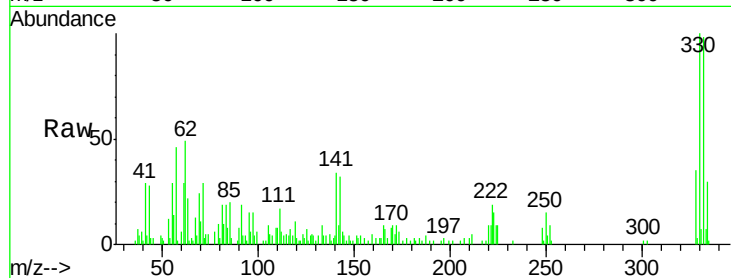
Tgt Ion:330 Resp: 19910

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

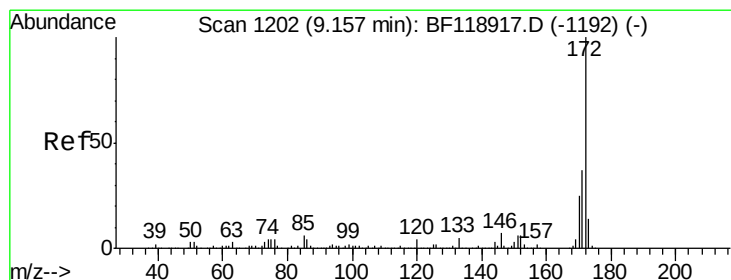
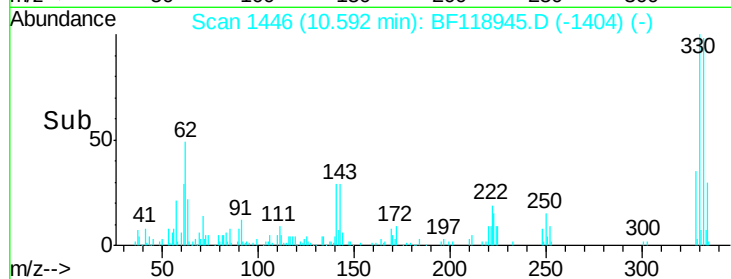
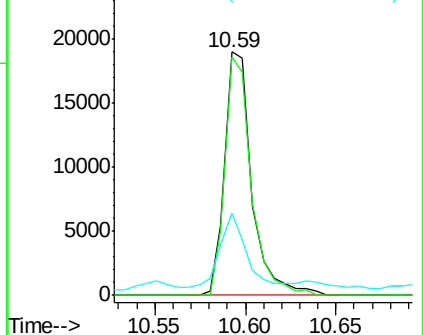
141 28.7 22.4 33.6



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: 6.47 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.05 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

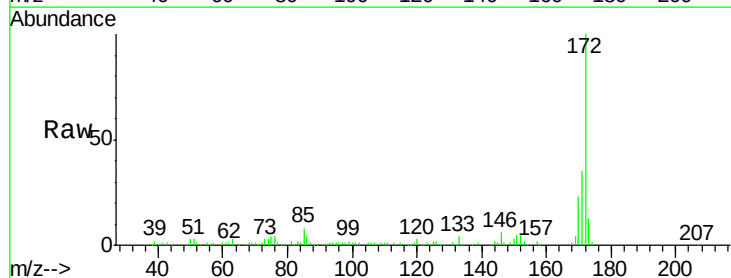
Tgt Ion:172 Resp: 130266

Ion Ratio Lower Upper

172 100

171 35.3 30.8 46.2

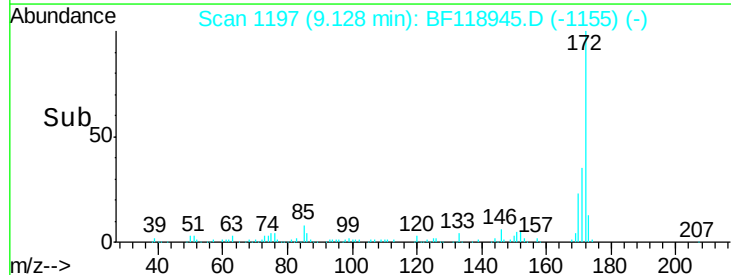
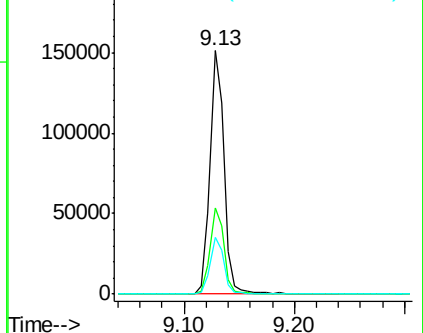
170 23.0 20.5 30.7

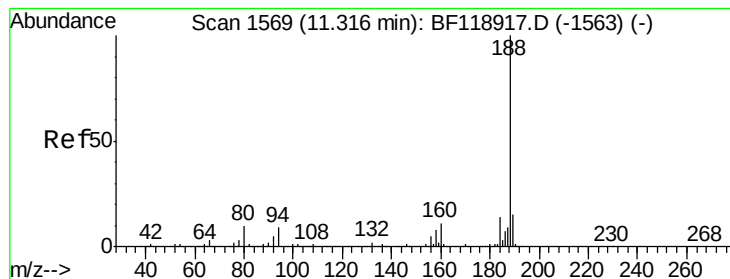


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.05 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

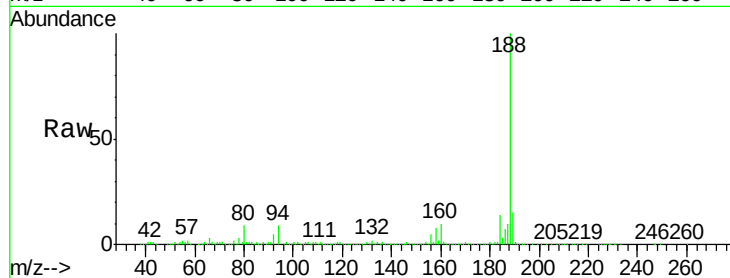
Tgt Ion:188 Resp: 518869

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

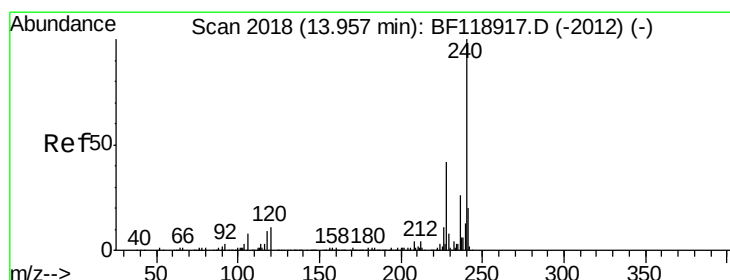
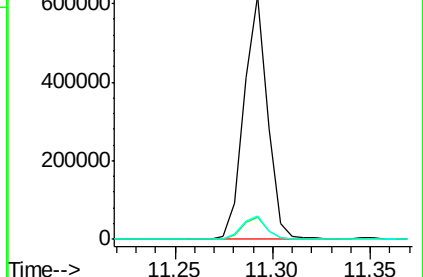
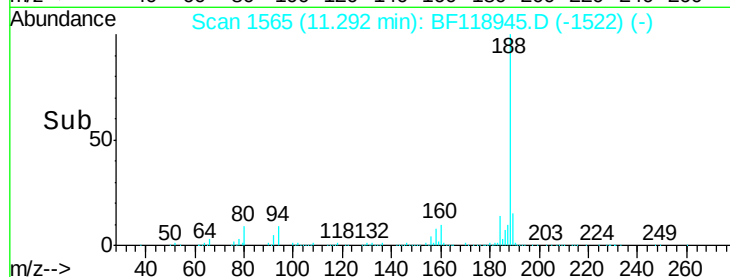
80 9.4 8.4 12.6



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



#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.05 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

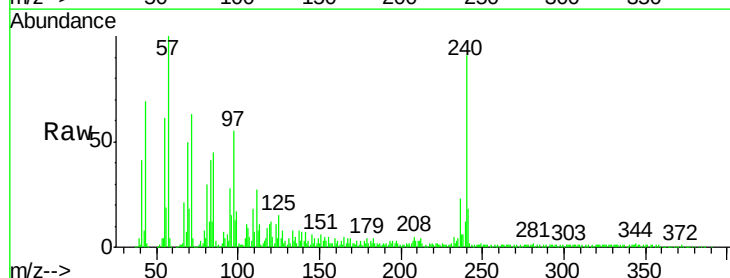
Tgt Ion:240 Resp: 310622

Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.0

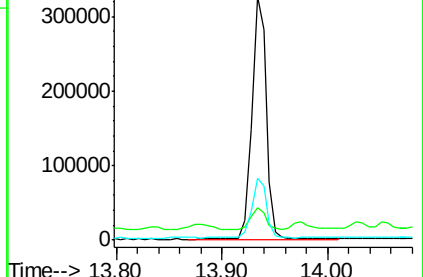
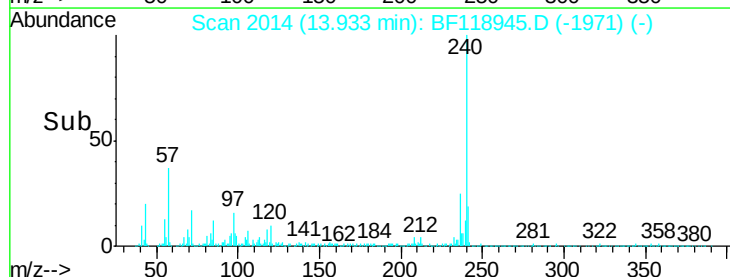
236 25.5 21.0 31.6

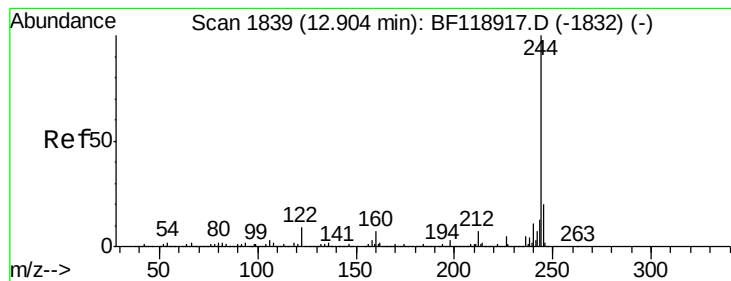


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 5.57 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.05 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

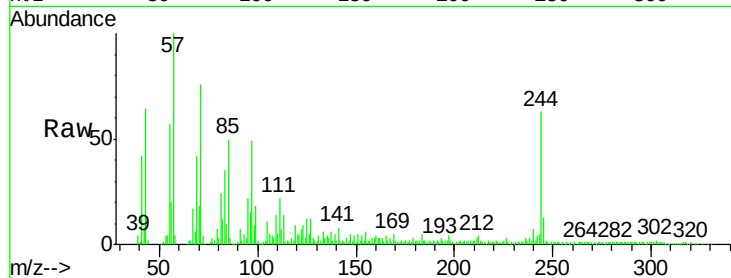
Tgt Ion:244 Resp: 84269

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

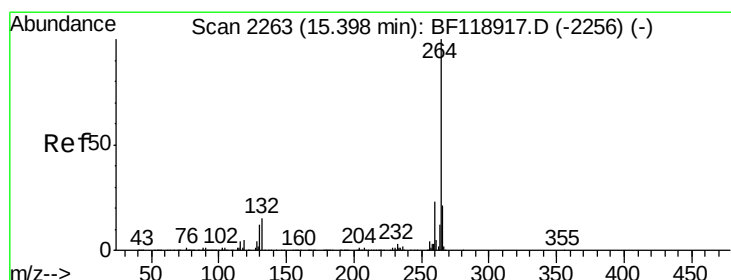
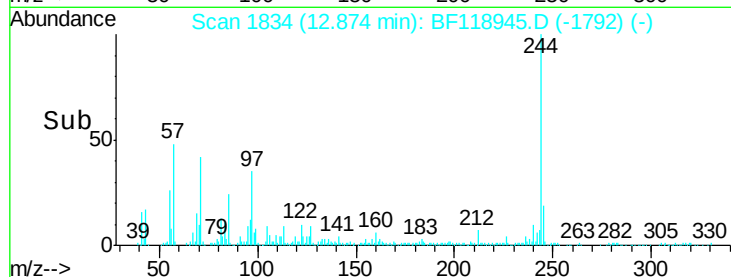
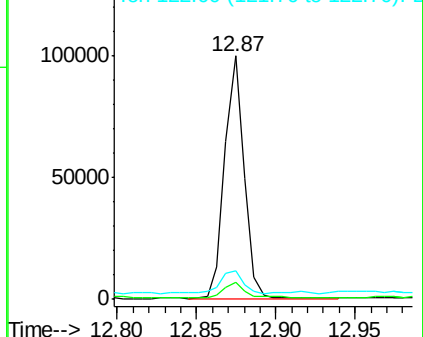
122 11.6 8.9 13.3



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: 20.00 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.04 min

Lab File: BF118945.D

Acq: 14 Feb 2020 21:35

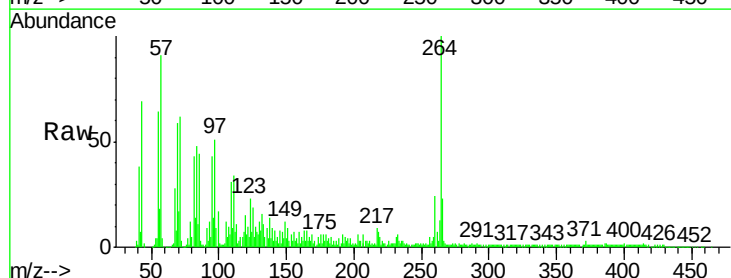
Tgt Ion:264 Resp: 368661

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.9 17.2 25.8



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

