

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114756.D
 Acq On : 1 Jun 2019 14:52
 Operator : HP/JU
 Sample : K3085-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-3

Quant Time: Jun 03 03:43:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

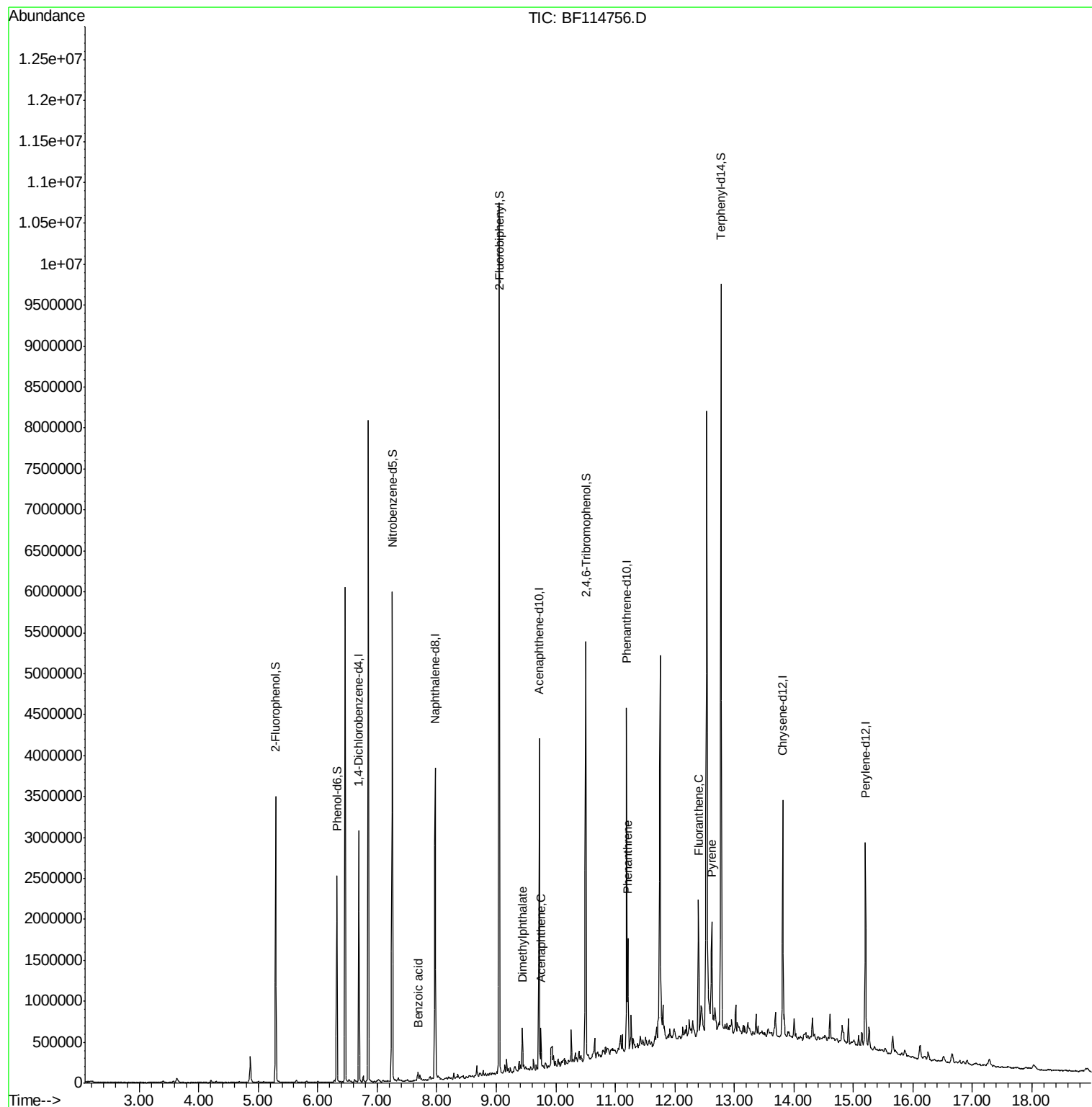
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	442280	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1645586	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	818781	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1525759	20.00	ng	0.00
76) Chrysene-d12	13.82	240	906900	20.00	ng	0.00
87) Perylene-d12	15.20	264	1043710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1017751	40.40	ng	0.00
7) Phenol-d6	6.32	99	778190	25.64	ng	0.00
23) Nitrobenzene-d5	7.26	82	2135527	80.96	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	709533	90.95	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3549630	80.61	ng	0.00
79) Terphenyl-d14	12.78	244	3320630	68.84	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.69	122	32137	2.181	ng	93
50) Dimethylphthalate	9.44	163	179992	3.155	ng	98
52) Acenaphthene	9.75	154	99188	2.100	ng	97
71) Phenanthrene	11.22	178	462843	5.947	ng	97
75) Fluoranthene	12.40	202	609768	7.566	ng	96
78) Pyrene	12.62	202	486995	6.348	ng	97

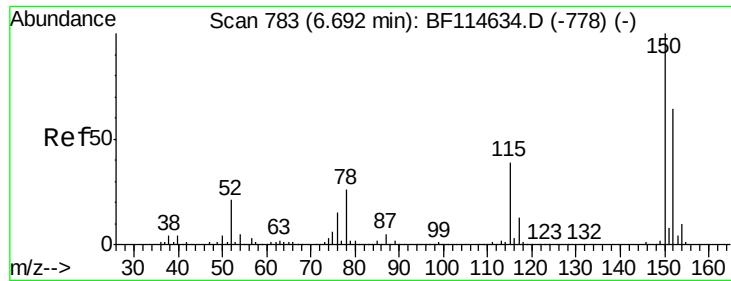
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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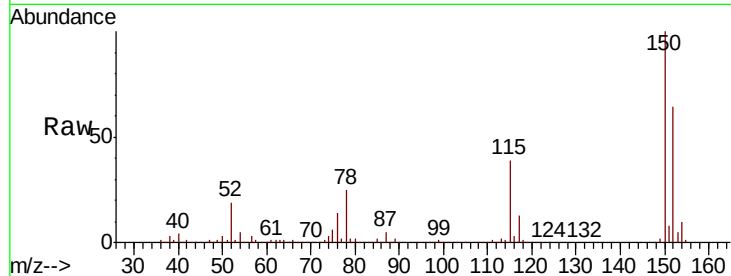


#1

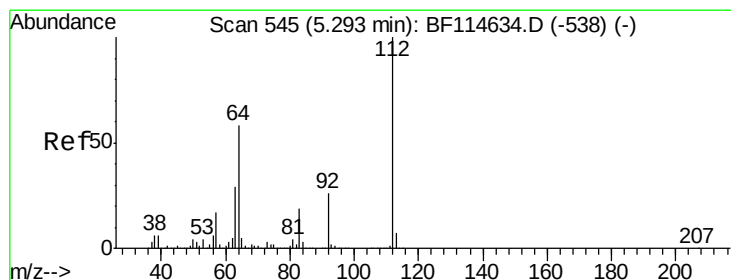
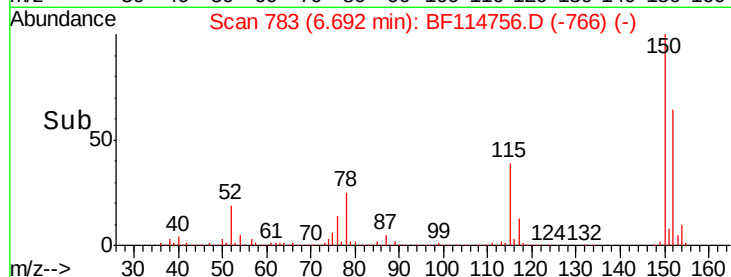
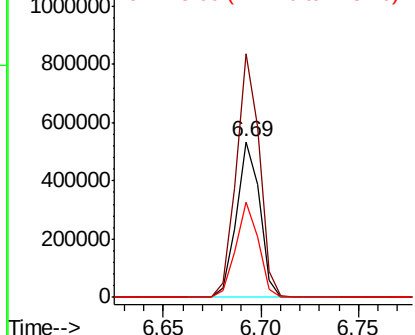
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Instrument :
BNA_F
ClientSampled :
TANK-3

Tot Ion:152 Resp: 442280
Ion Ratio Lower Upper
152 100
150 156.7 124.4 186.6
115 60.9 48.7 73.1



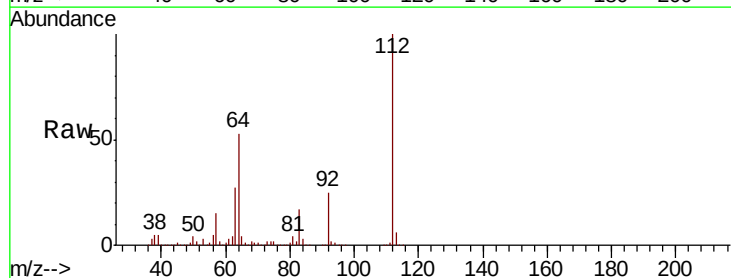
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



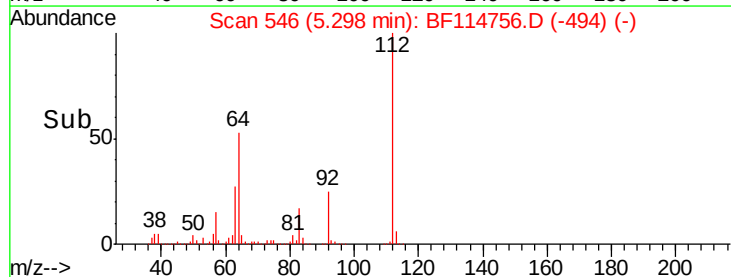
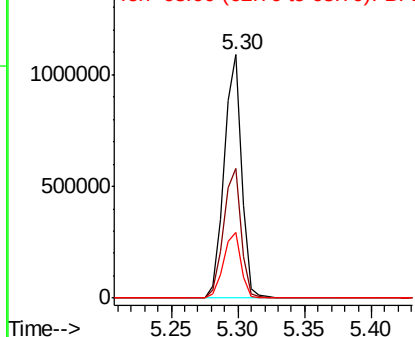
#5

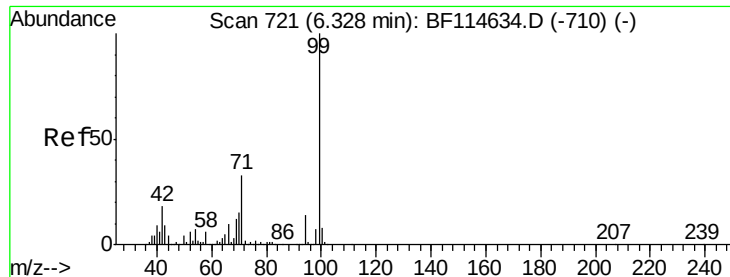
2-Fluorophenol
Concen: 40.401 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Tgt Ion:112 Resp: 1017751
Ion Ratio Lower Upper
112 100
64 53.2 46.1 69.1
63 26.8 23.4 35.2



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: 25.635 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

Instrument :

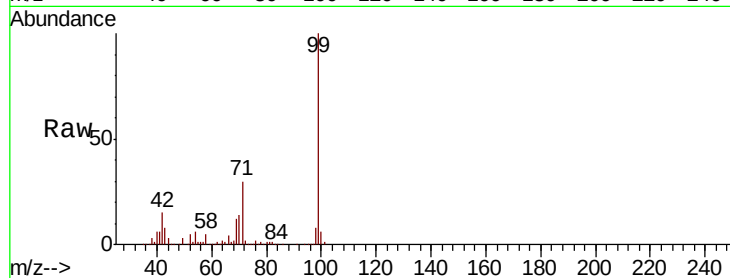
BNA_F

ClientSampleId :

TANK-3

Tot Ion: 99 Resp: 778190

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.7	22.1
71	30.5	26.6	40.0

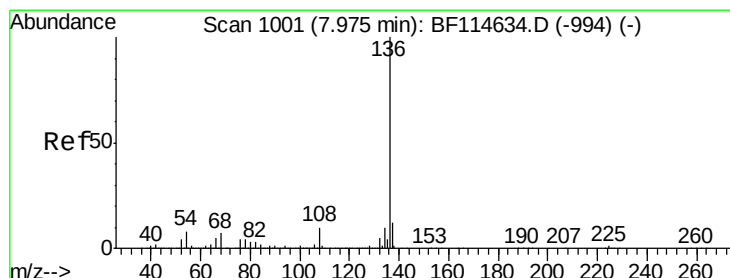
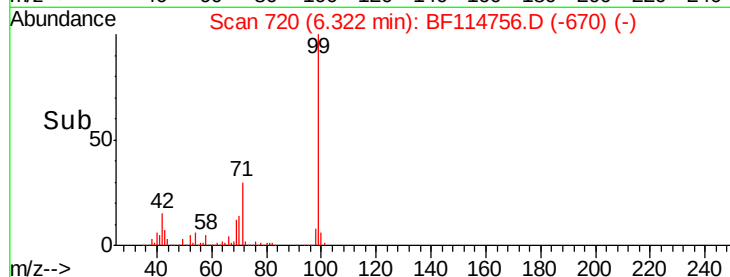
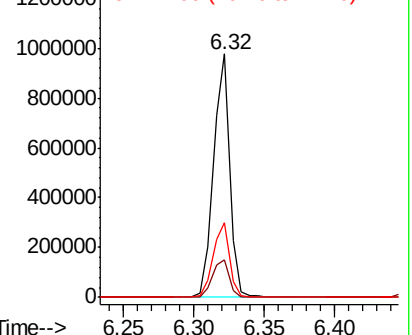


Abundance

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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

Tgt Ion: 136 Resp: 1645586

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.8	6.3	9.5
68	5.6	5.4	8.0

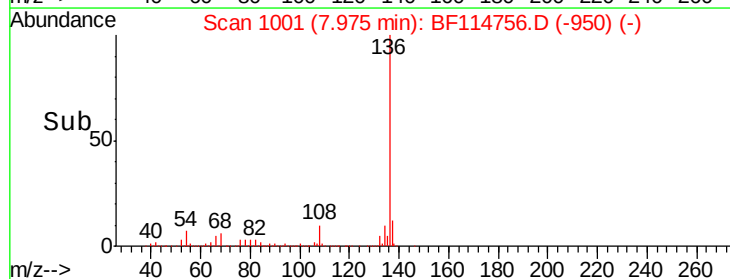
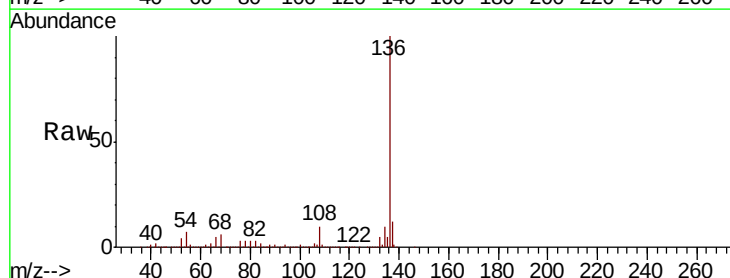
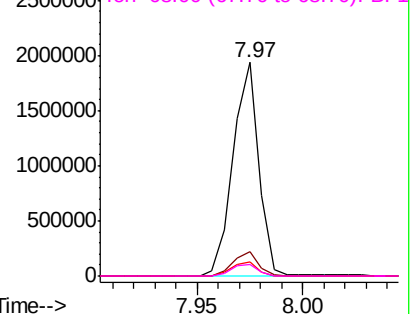
Abundance

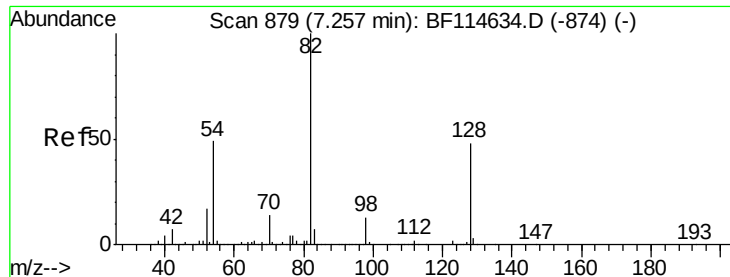
Ion 136.00 (135.70 to 136.70): E

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

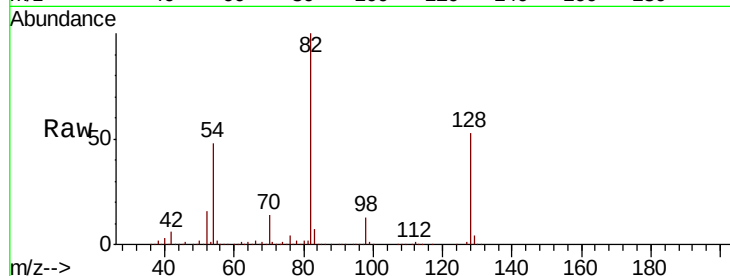




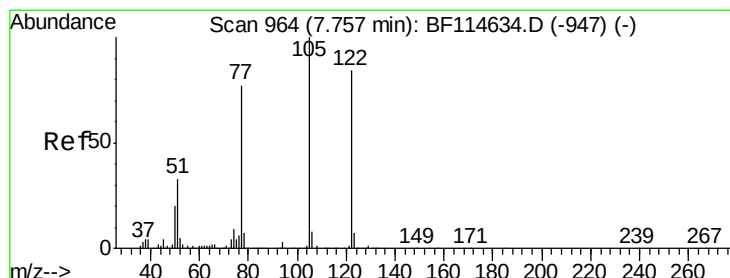
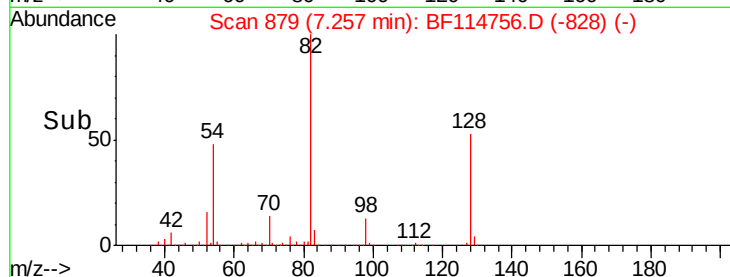
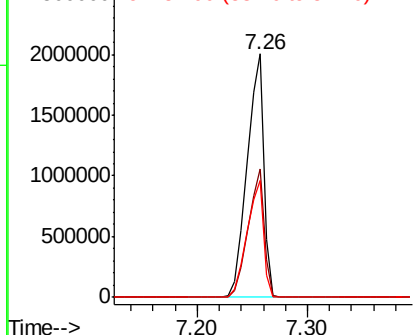
#23
Nitrobenzene-d5
Concen: 80.964 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Instrument :
BNA_F
ClientSampled :
TANK-3

Tot Ion: 82 Resp: 213527
Ion Ratio Lower Upper
82 100
128 53.0 38.5 57.7
54 47.8 39.1 58.7

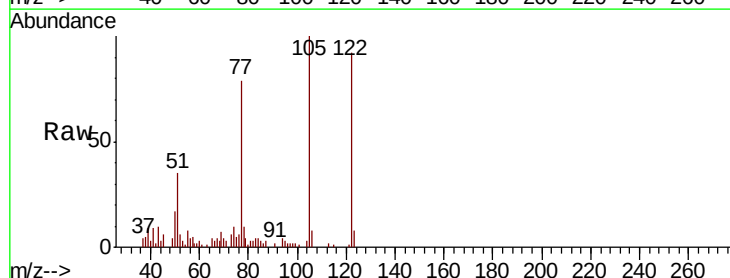


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

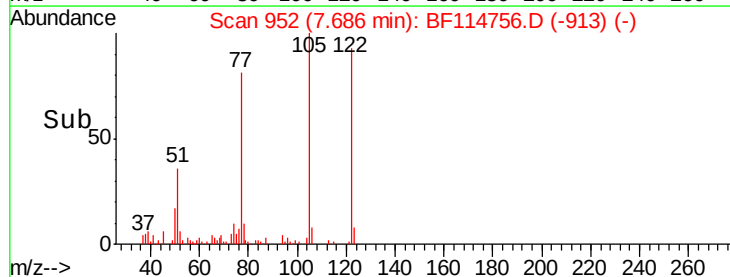
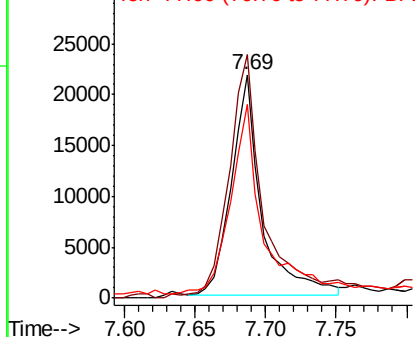


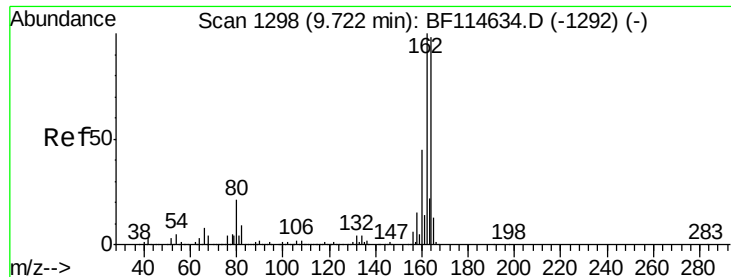
#32
Benzoic acid
Concen: 2.181 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.07 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Tgt Ion:122 Resp: 32137
Ion Ratio Lower Upper
122 100
105 109.0 98.3 138.3
77 86.5 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

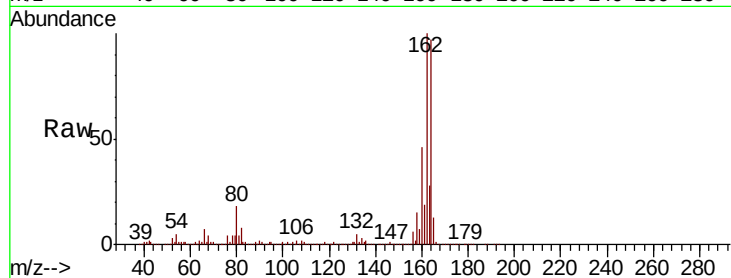




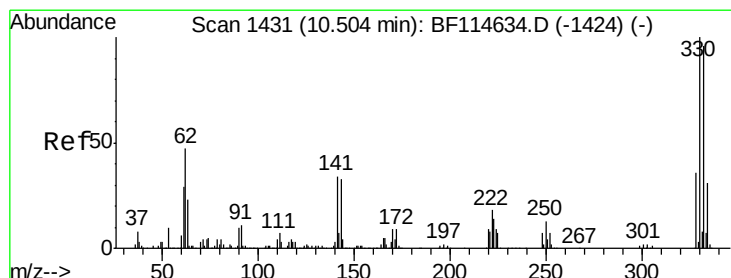
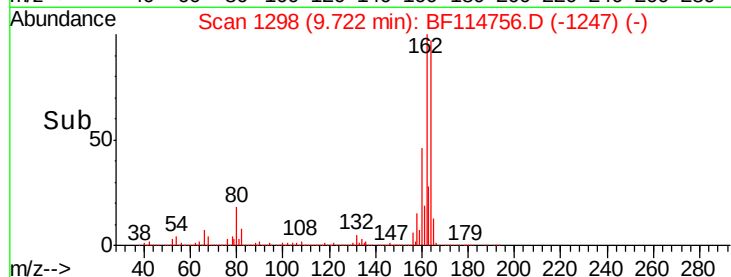
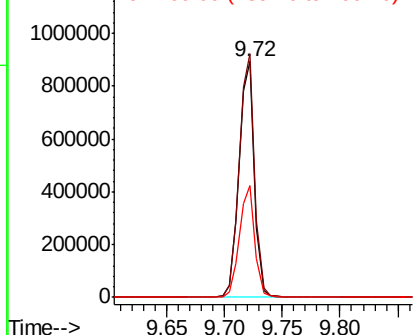
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Instrument :
BNA_F
ClientSampleId :
TANK-3

Tot Ion:164 Resp: 818781
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.2
160 47.3 36.6 54.8

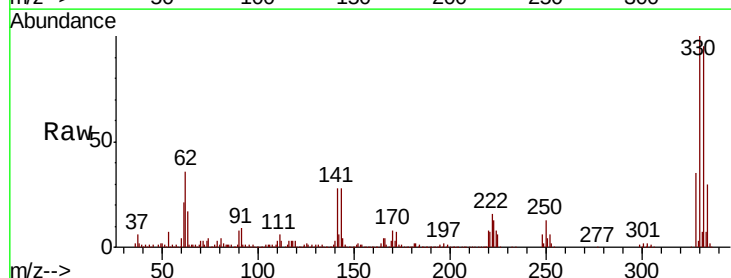


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

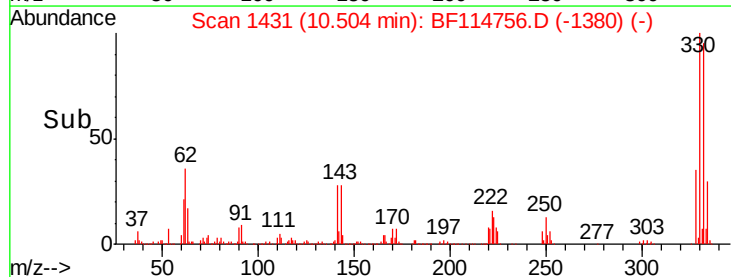
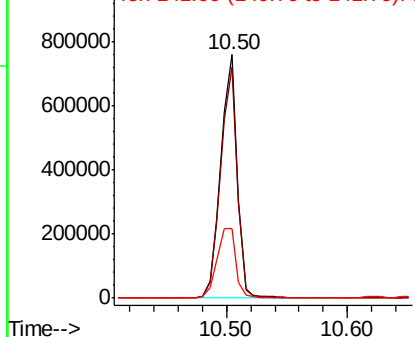


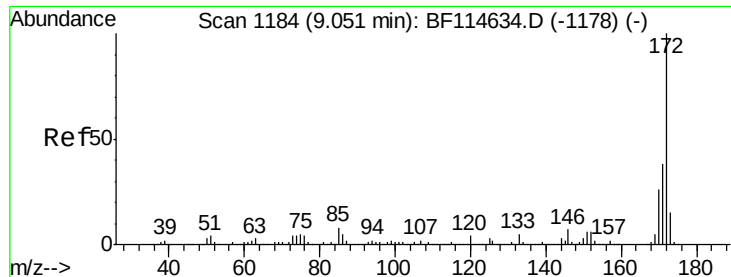
#42
2,4,6-Tribromophenol
Concen: 90.946 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Tgt Ion:330 Resp: 709533
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.8
141 32.2 27.8 41.8



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

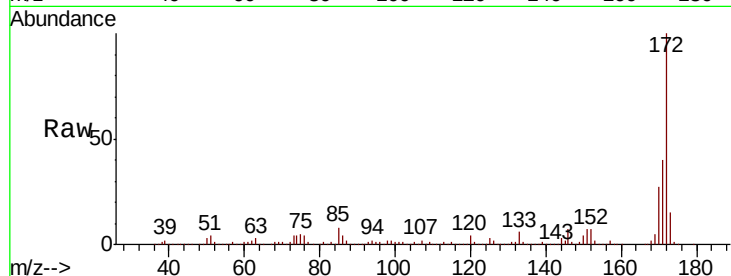




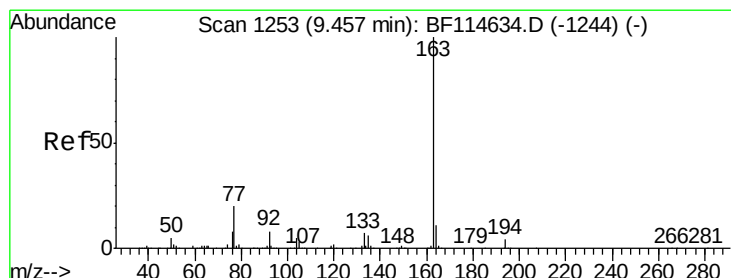
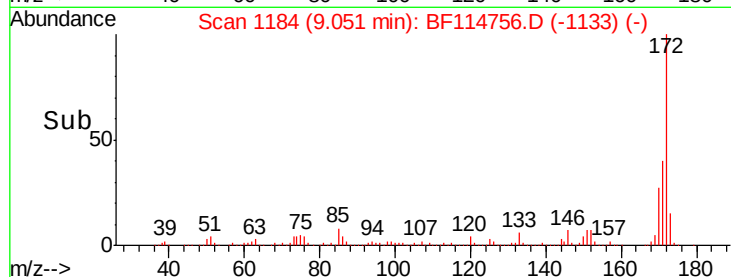
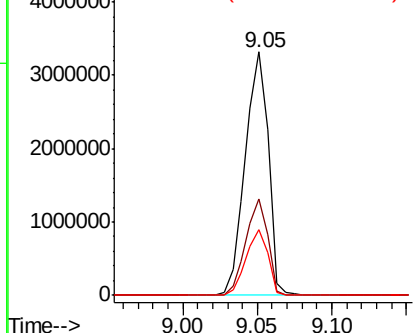
#45
2-Fluorobiphenyl
Concen: 80.611 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Instrument :
BNA_F
ClientSampleId :
TANK-3

Tot Ion:172 Resp: 3549630
Ion Ratio Lower Upper
172 100
171 39.8 30.6 45.8
170 27.2 20.7 31.1

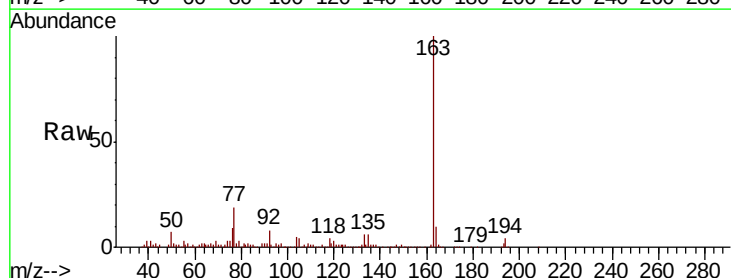


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

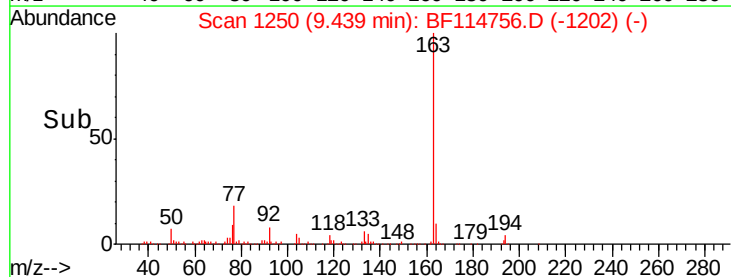
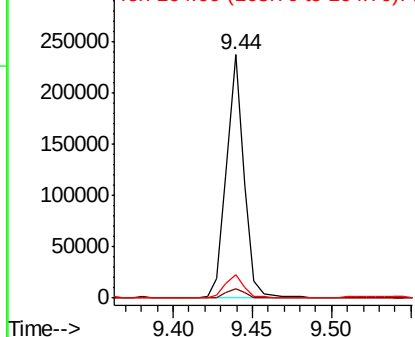


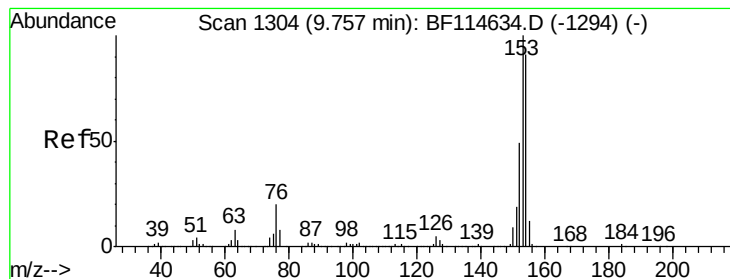
#50
Dimethylphthalate
Concen: 3.155 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114756.D
Acq: 1 Jun 2019 14:52

Tgt Ion:163 Resp: 179992
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.7 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 2.100 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

Instrument :

BNA_F

ClientSampleId :

TANK-3

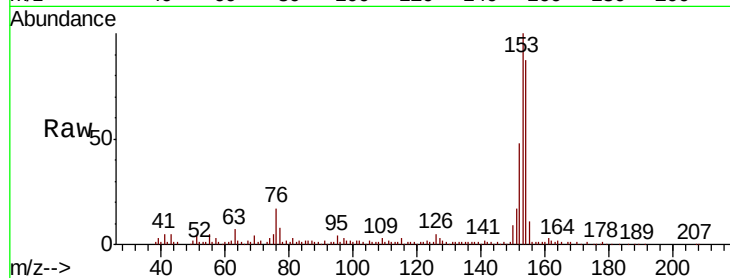
Tot Ion:154 Resp: 99188

Ion Ratio Lower Upper

154 100

153 114.6 88.4 132.6

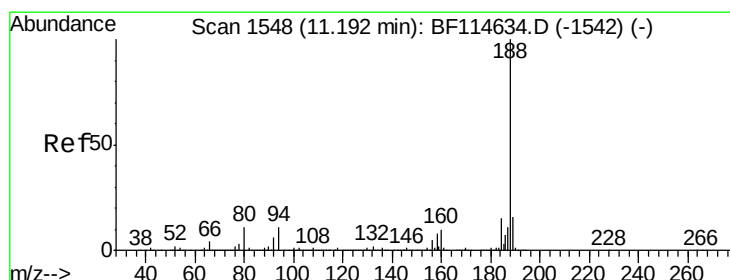
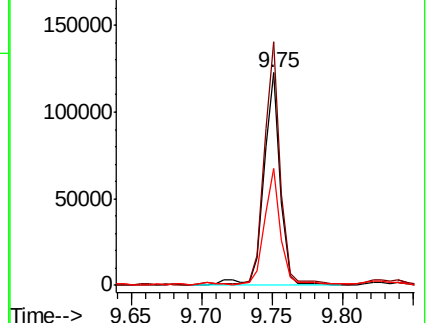
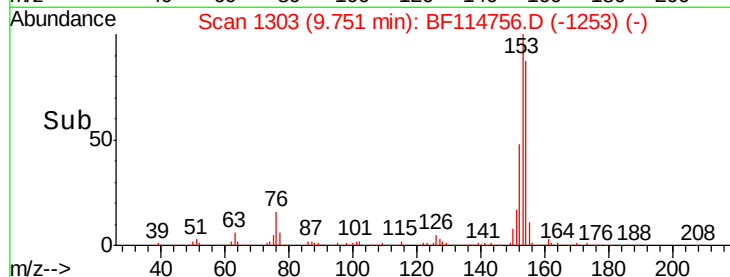
152 54.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

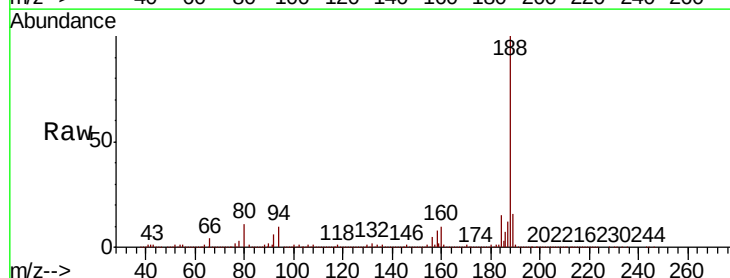
Tgt Ion:188 Resp: 1525759

Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

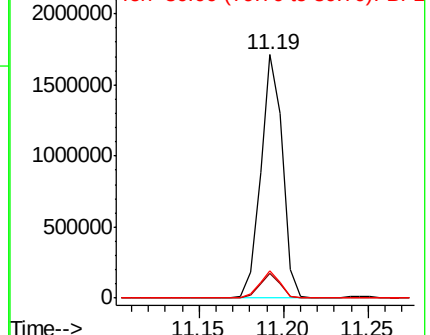
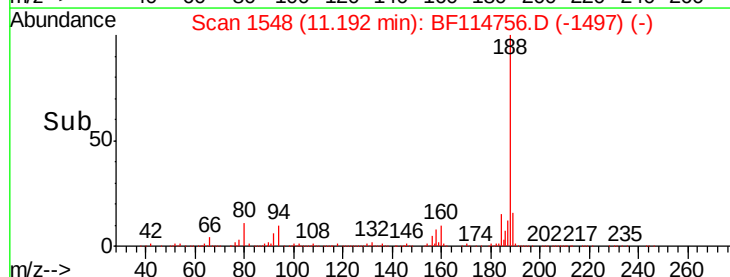
80 11.0 9.0 13.6

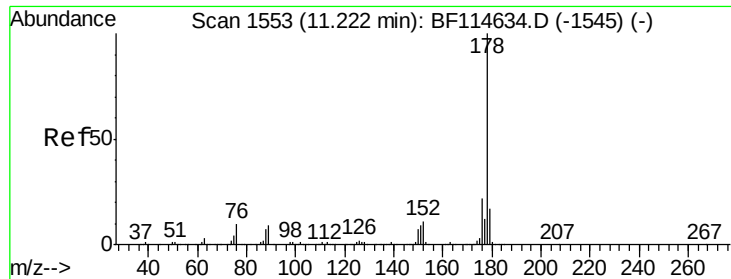


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 5.947 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

Instrument :

BNA_F

ClientSampleId :

TANK-3

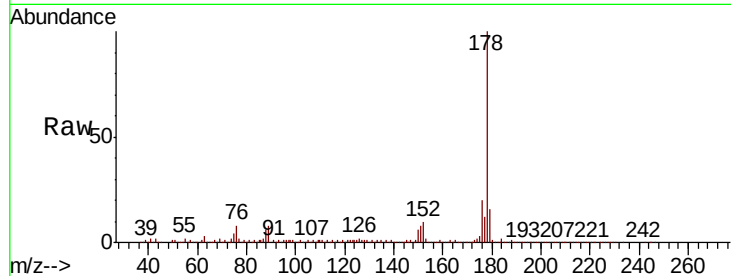
Tot Ion:178 Resp: 462843

Ion Ratio Lower Upper

178 100

176 19.8 17.2 25.8

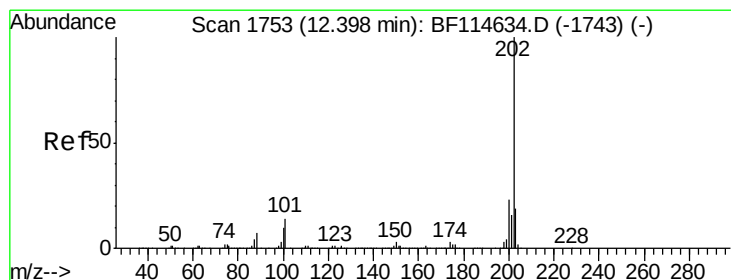
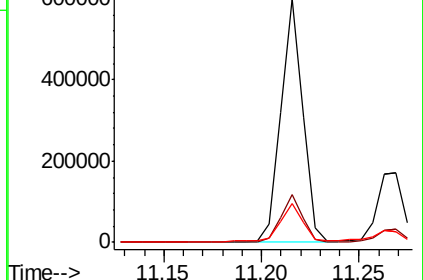
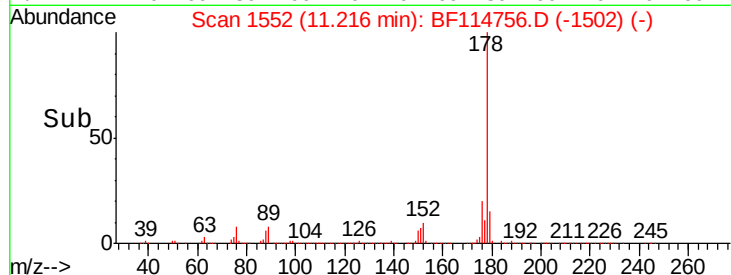
179 16.0 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 7.566 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

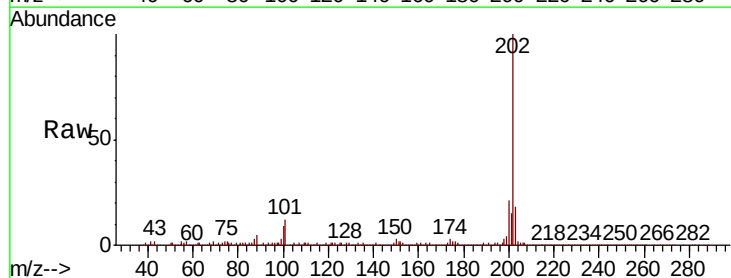
Tgt Ion:202 Resp: 609768

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.9

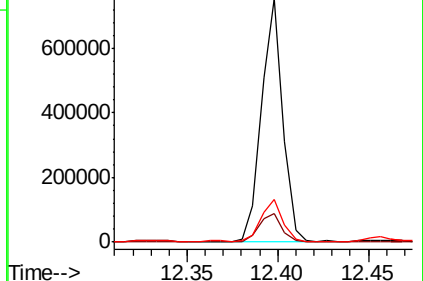
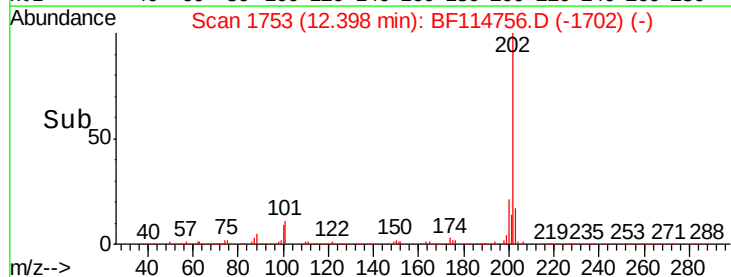
203 17.7 0.0 39.1

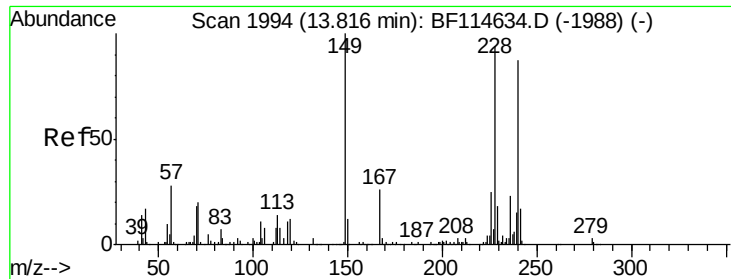


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

Instrument :

BNA_F

ClientSampleId :

TANK-3

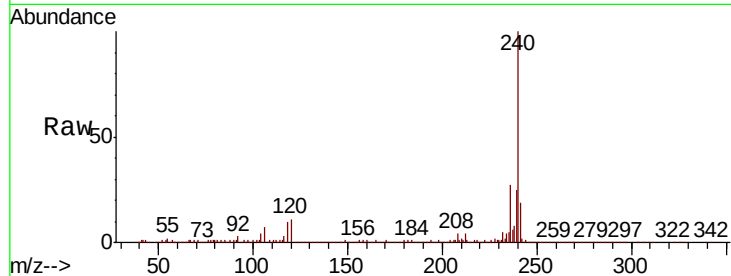
Tot Ion:240 Resp: 906900

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

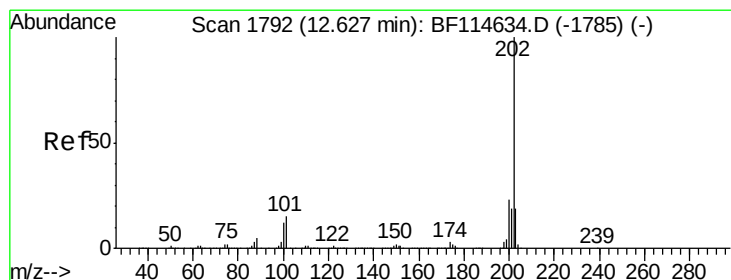
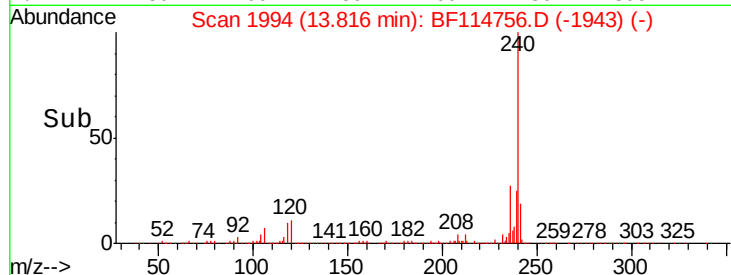
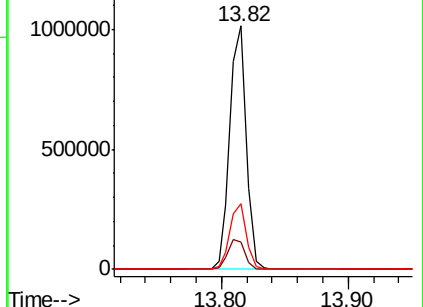
236 27.2 21.2 31.8



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

Pyrene

Concen: 6.348 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

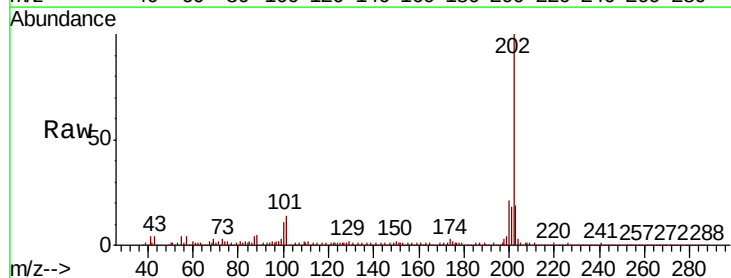
Tgt Ion:202 Resp: 486995

Ion Ratio Lower Upper

202 100

200 21.4 18.6 28.0

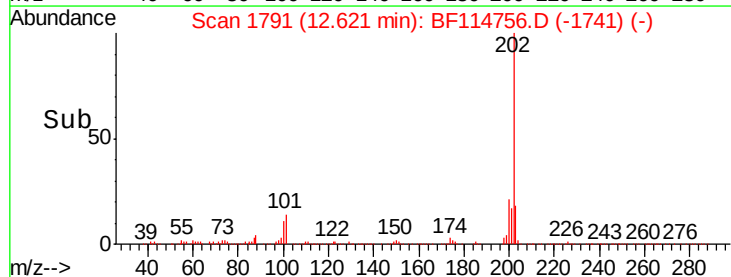
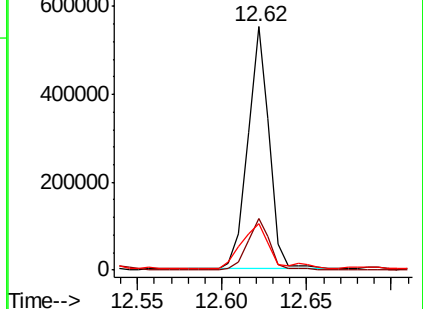
203 18.8 15.4 23.2

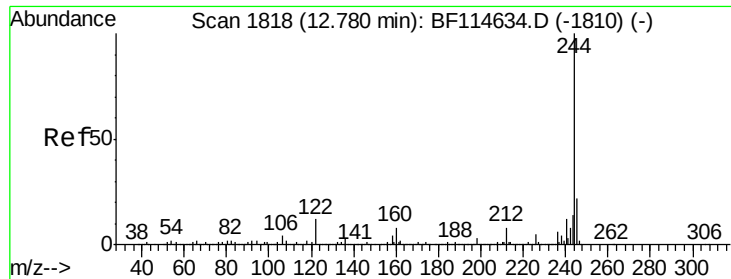


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.842 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

Instrument :

BNA_F

ClientSampleId :

TANK-3

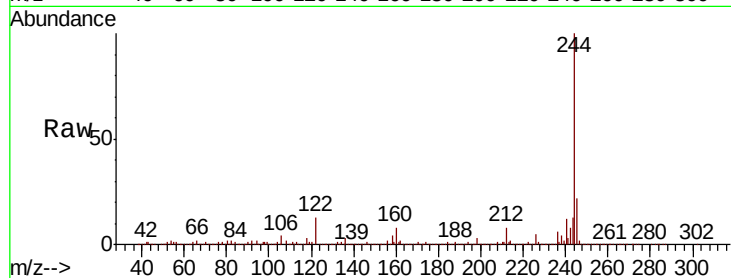
Tot Ion:244 Resp: 3320630

Ion Ratio Lower Upper

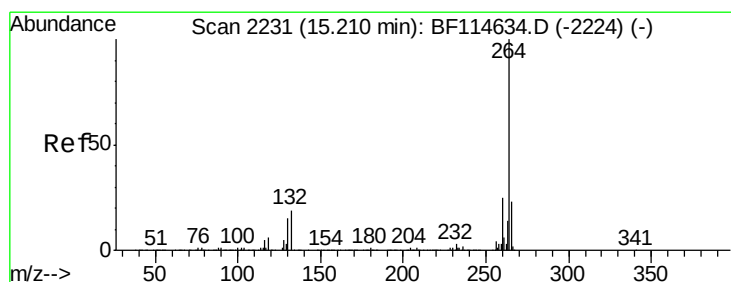
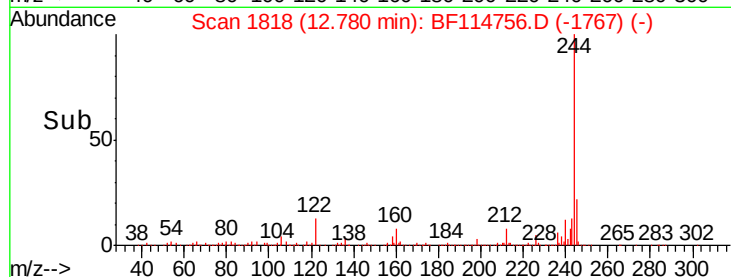
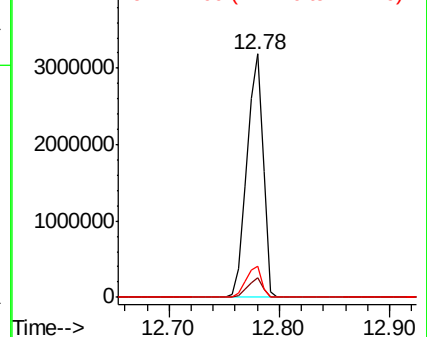
244 100

212 7.8 6.1 9.1

122 12.9 9.8 14.8



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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF114756.D

Acq: 1 Jun 2019 14:52

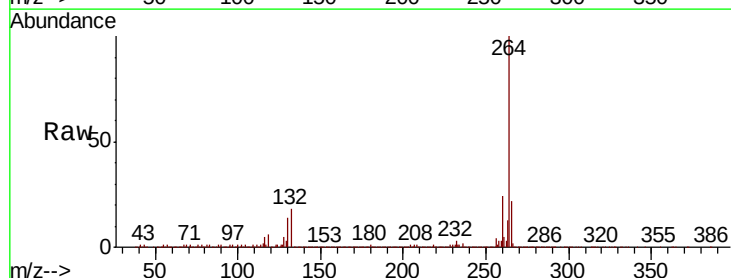
Tgt Ion:264 Resp: 1043710

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.8 18.1 27.1



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

