

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114737.D
 Acq On : 1 Jun 2019 4:59
 Operator : HP/JU
 Sample : K3074-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-D

Quant Time: Jun 01 06:55:50 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	6.70	152	460219	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1648464	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	758736	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1237284	20.00	ng	0.00
76) Chrysene-d12	13.81	240	828404	20.00	ng	0.00
87) Perylene-d12	15.20	264	759079	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2555428	97.49	ng	0.03
7) Phenol-d6	6.34	99	2770651	87.71	ng	0.01
23) Nitrobenzene-d5	7.26	82	2163930	81.90	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	804869	111.33	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3597222	90.00	ng	0.00
79) Terphenyl-d14	12.78	244	3118048	70.77	ng	0.00

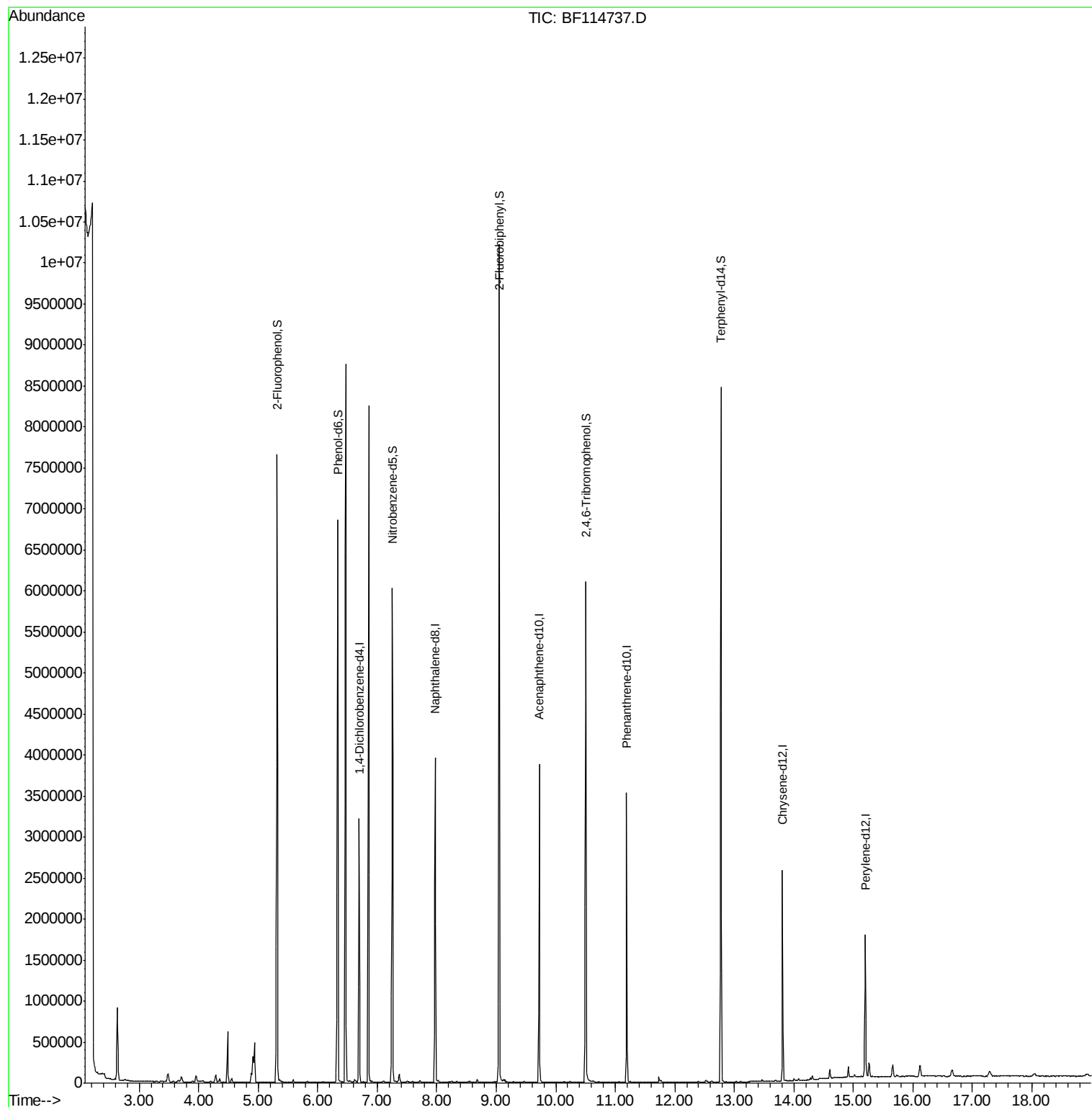
Target Compounds Qvalue

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

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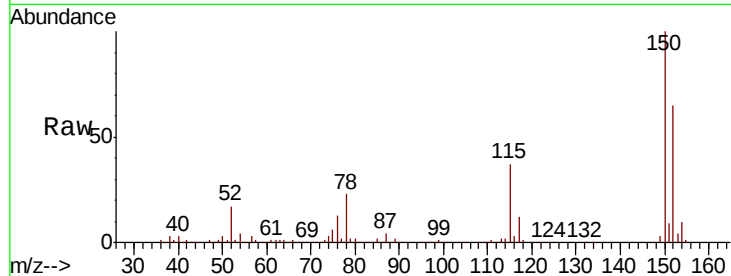


#1

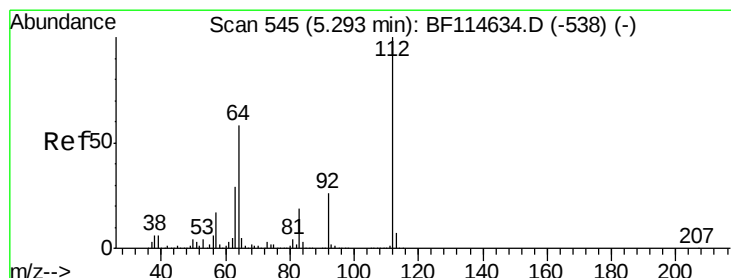
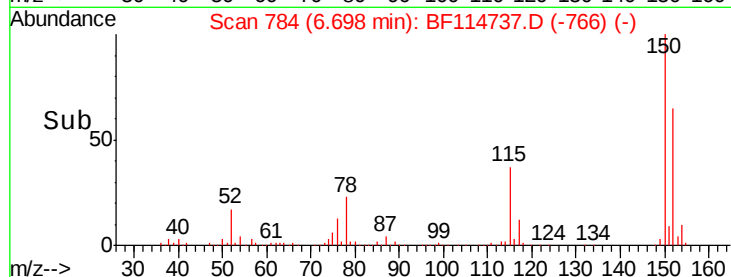
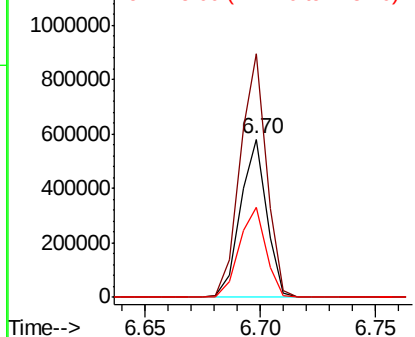
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Instrument :
BNA_F
ClientSampleId :
TP-3B-D

Tot Ion:152 Resp: 460219
Ion Ratio Lower Upper
152 100
150 154.1 124.4 186.6
115 57.0 48.7 73.1



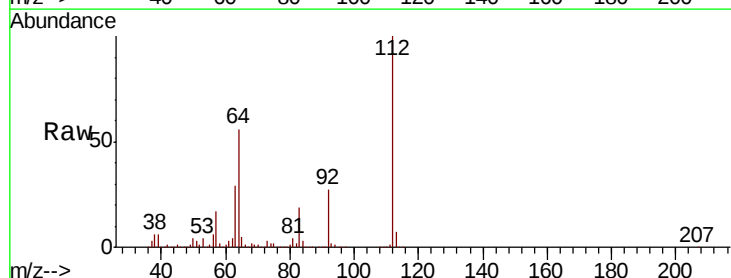
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



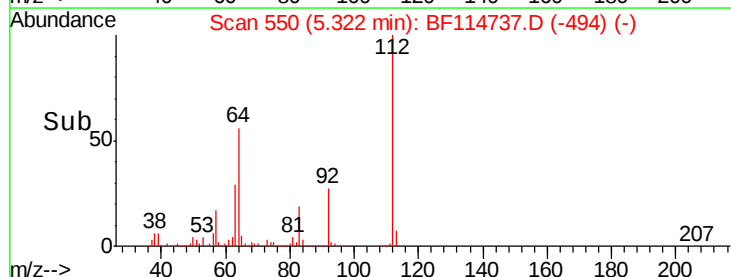
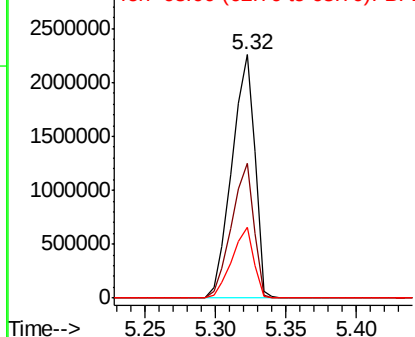
#5

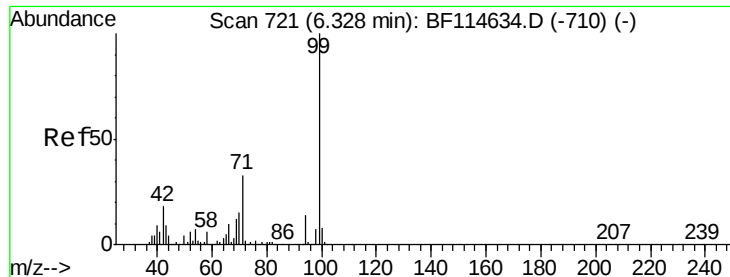
2-Fluorophenol
Concen: 97.488 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.03 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Tgt Ion:112 Resp: 2555428
Ion Ratio Lower Upper
112 100
64 55.6 46.1 69.1
63 29.2 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: 87.714 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Instrument :

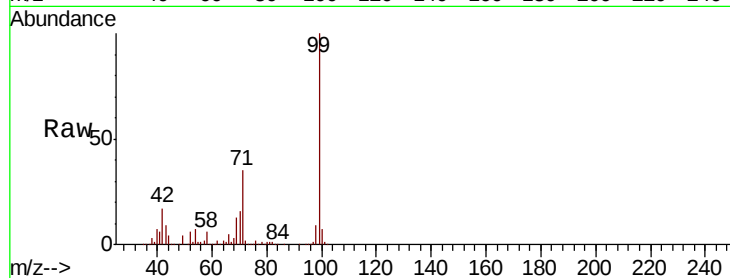
BNA_F

ClientSampleId :

TP-3B-D

Tot Ion: 99 Resp: 2770651

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.7	22.1
71	34.5	26.6	40.0

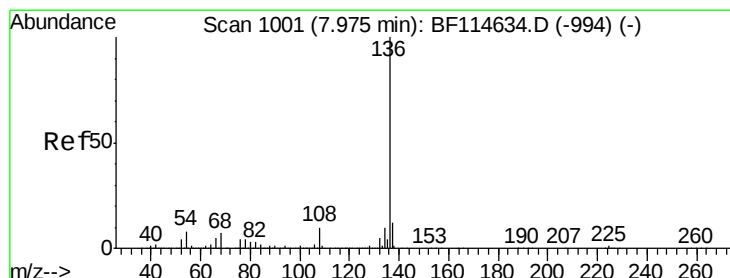
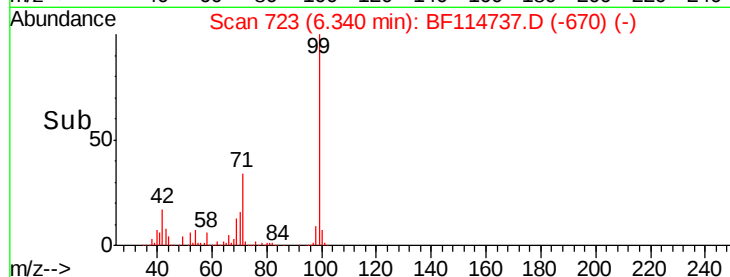
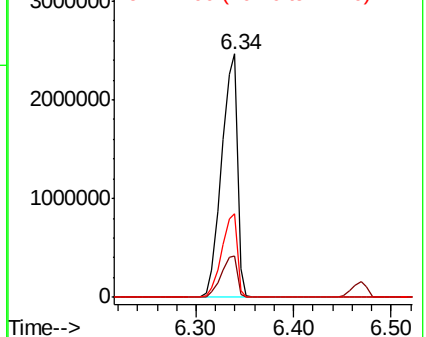


Abundance

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

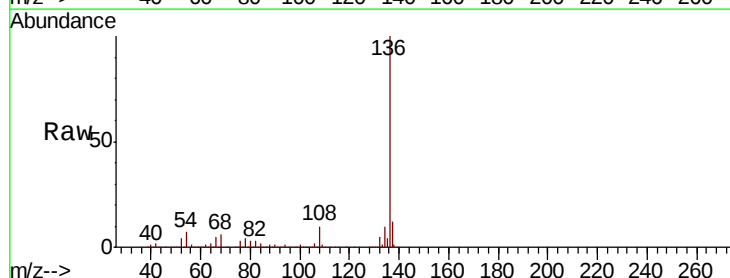
Delta R.T. 0.00 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Tgt Ion: 136 Resp: 1648464

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	7.2	6.3	9.5
68	6.2	5.4	8.0



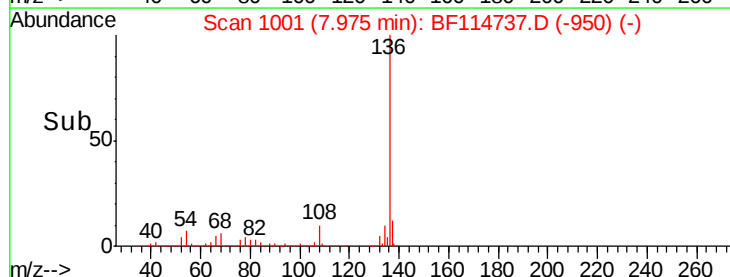
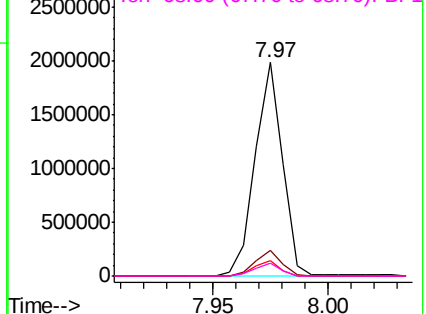
Abundance

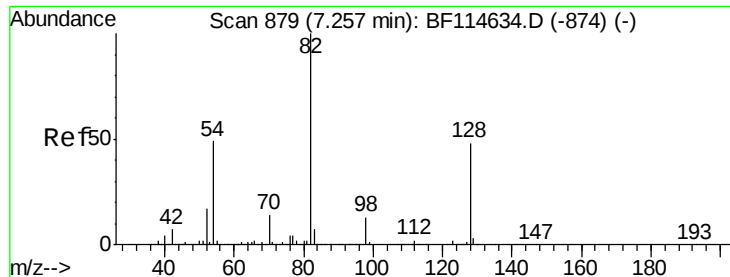
Ion 136.00 (135.70 to 136.70): E

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

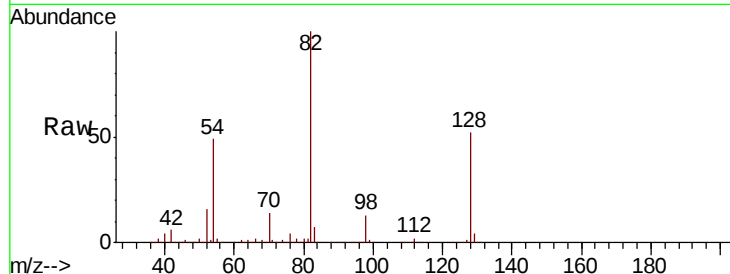




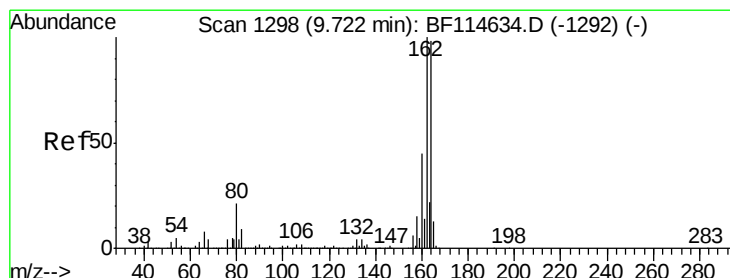
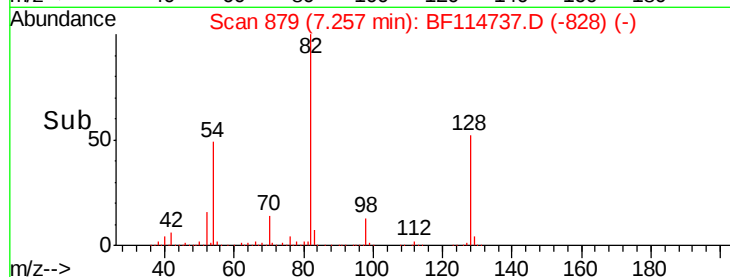
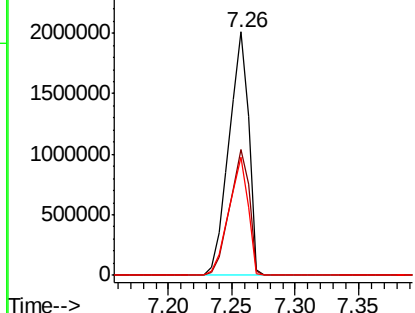
#23
Nitrobenzene-d5
Concen: 81.898 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Instrument :
BNA_F
ClientSampleId :
TP-3B-D

Tot Ion: 82 Resp: 2163930
Ion Ratio Lower Upper
82 100
128 51.6 38.5 57.7
54 48.8 39.1 58.7

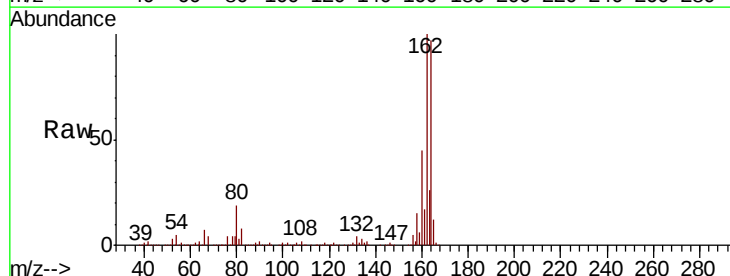


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

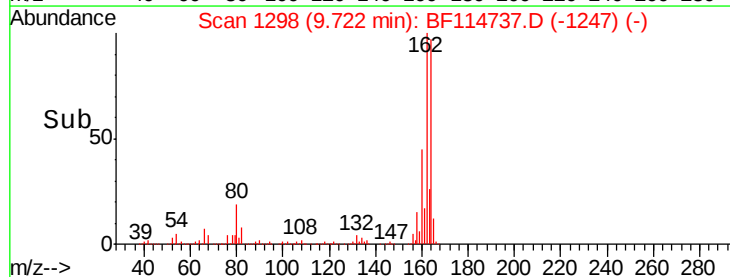
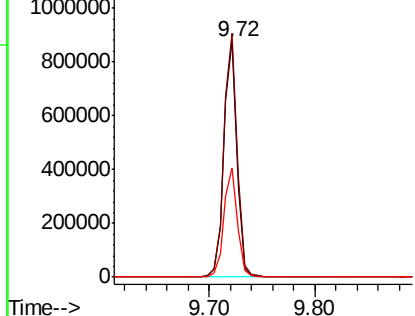


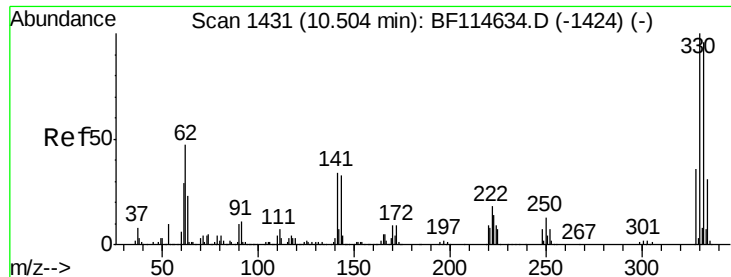
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Tgt Ion:164 Resp: 758736
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.2
160 46.5 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

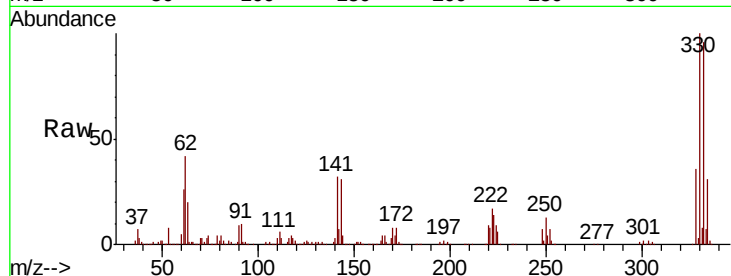




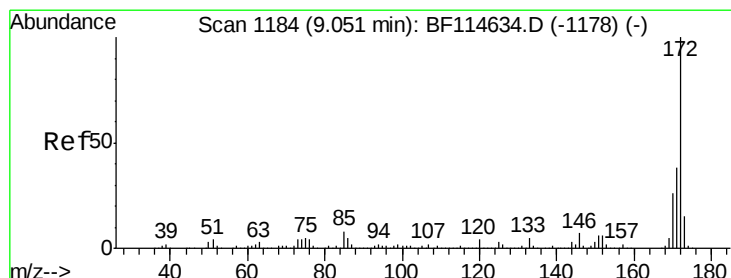
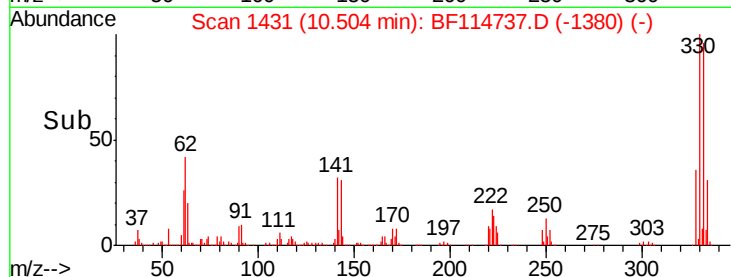
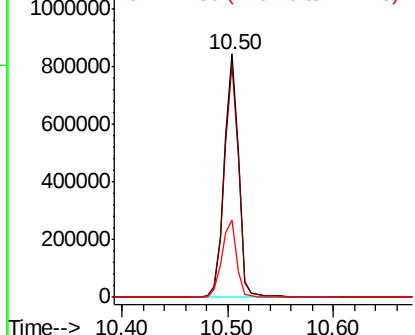
#42
 2,4,6-Tribromophenol
 Concen: 111.330 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Instrument :
 BNA_F
 ClientSampled :
 TP-3B-D

Tot Ion:330 Resp: 804869
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.8
 141 32.7 27.8 41.8

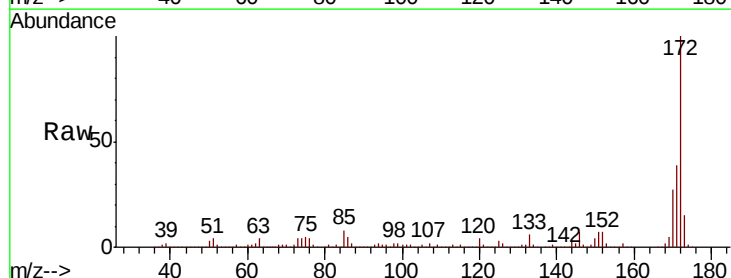


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

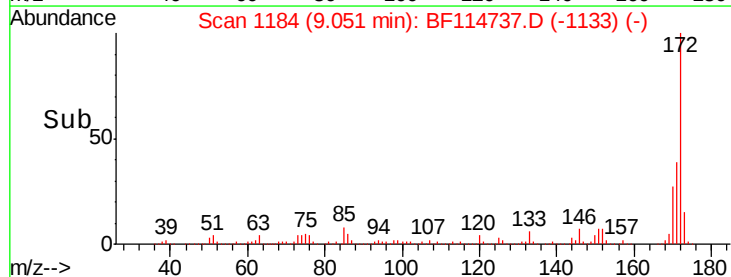
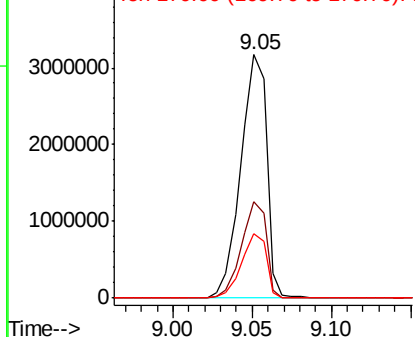


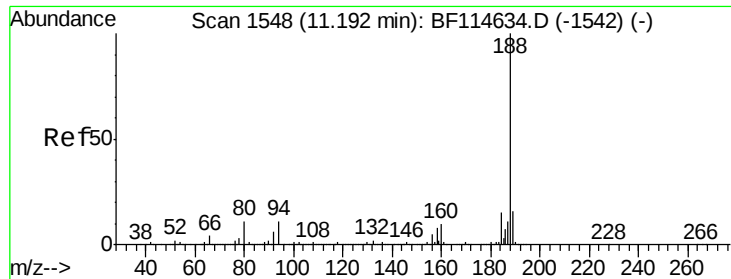
#45
 2-Fluorobiphenyl
 Concen: 90.002 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Tgt Ion:172 Resp: 3597222
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.6 45.8
 170 26.7 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

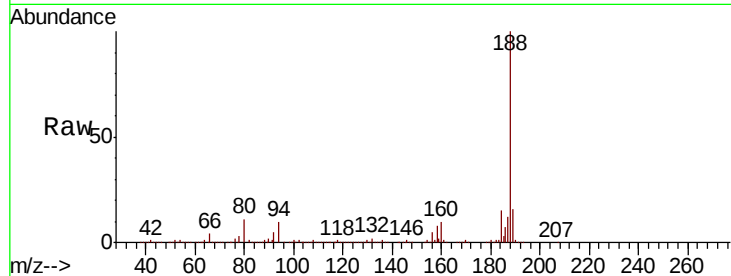




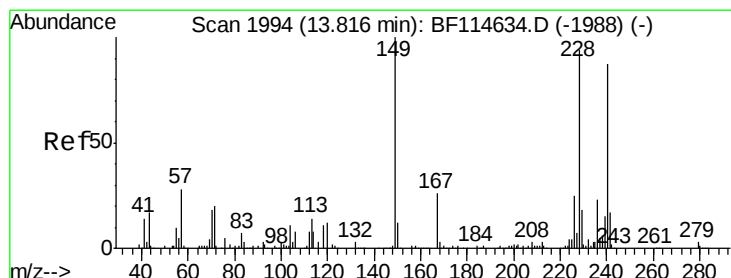
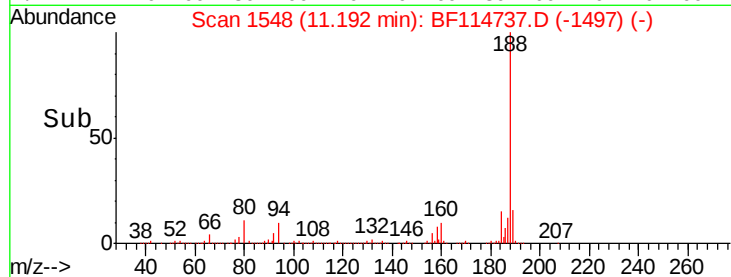
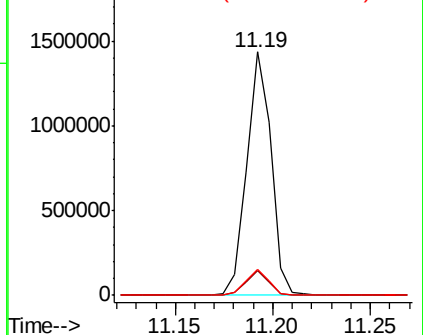
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Instrument :
BNA_F
ClientSampleId :
TP-3B-D

Tot Ion:188 Resp: 1237284
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 10.5 9.0 13.6

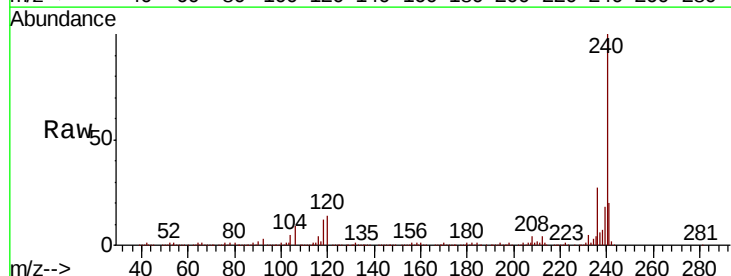


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

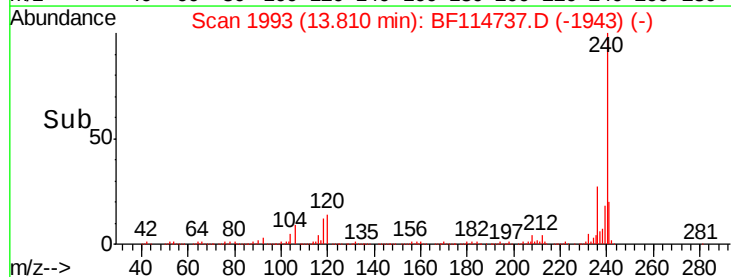
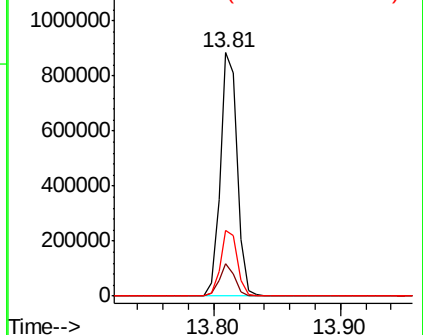


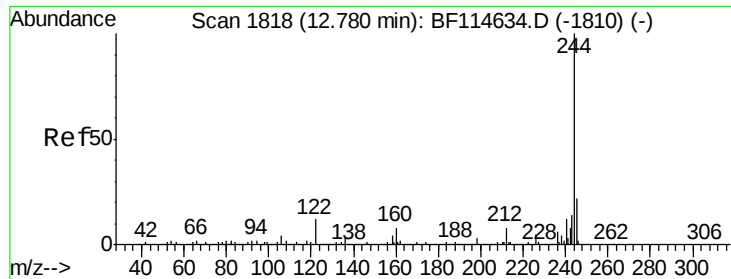
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Tgt Ion:240 Resp: 828404
Ion Ratio Lower Upper
240 100
120 13.5 11.2 16.8
236 27.1 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





#79

Terphenyl-d14

Concen: 70.767 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Instrument :

BNA_F

ClientSampleId :

TP-3B-D

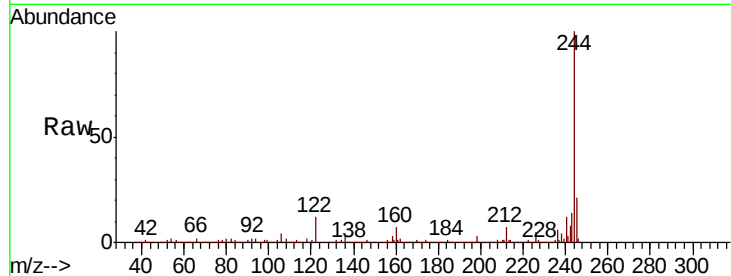
Tot Ion:244 Resp: 3118048

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

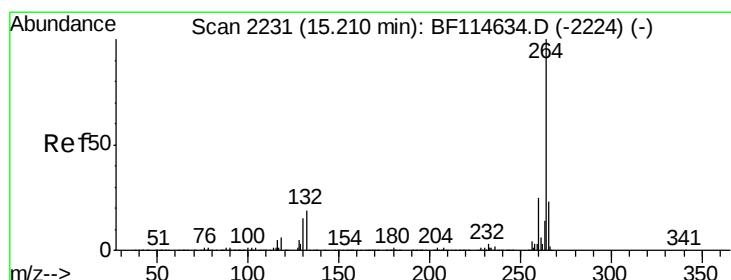
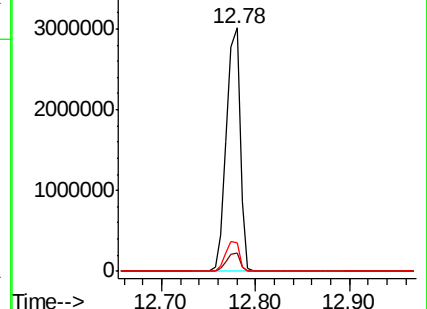
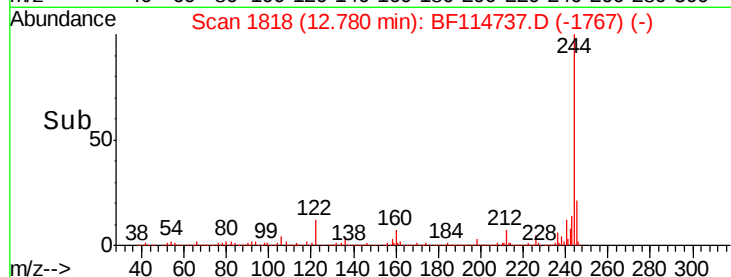
122 11.8 9.8 14.8



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# 2229

Delta R.T. -0.01 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

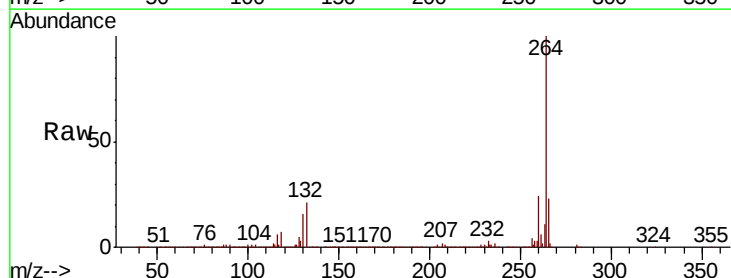
Tgt Ion:264 Resp: 759079

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 22.8 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

