

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114776.D
 Acq On : 2 Jun 2019 00:42
 Operator : HP/JU
 Sample : K3105-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 66-67-TRACK

Quant Time: Jun 03 05:02:34 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	363364	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1298574	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	568343	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	989770	20.00	ng	0.00
76) Chrysene-d12	13.82	240	822075	20.00	ng	0.00
87) Perylene-d12	15.20	264	726511	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2239087	108.19	ng	0.02
7) Phenol-d6	6.33	99	2436623	97.70	ng	0.00
23) Nitrobenzene-d5	7.26	82	1746866	83.93	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	659158	121.72	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3062035	104.96	ng	0.00
79) Terphenyl-d14	12.77	244	2864477	65.51	ng	0.00

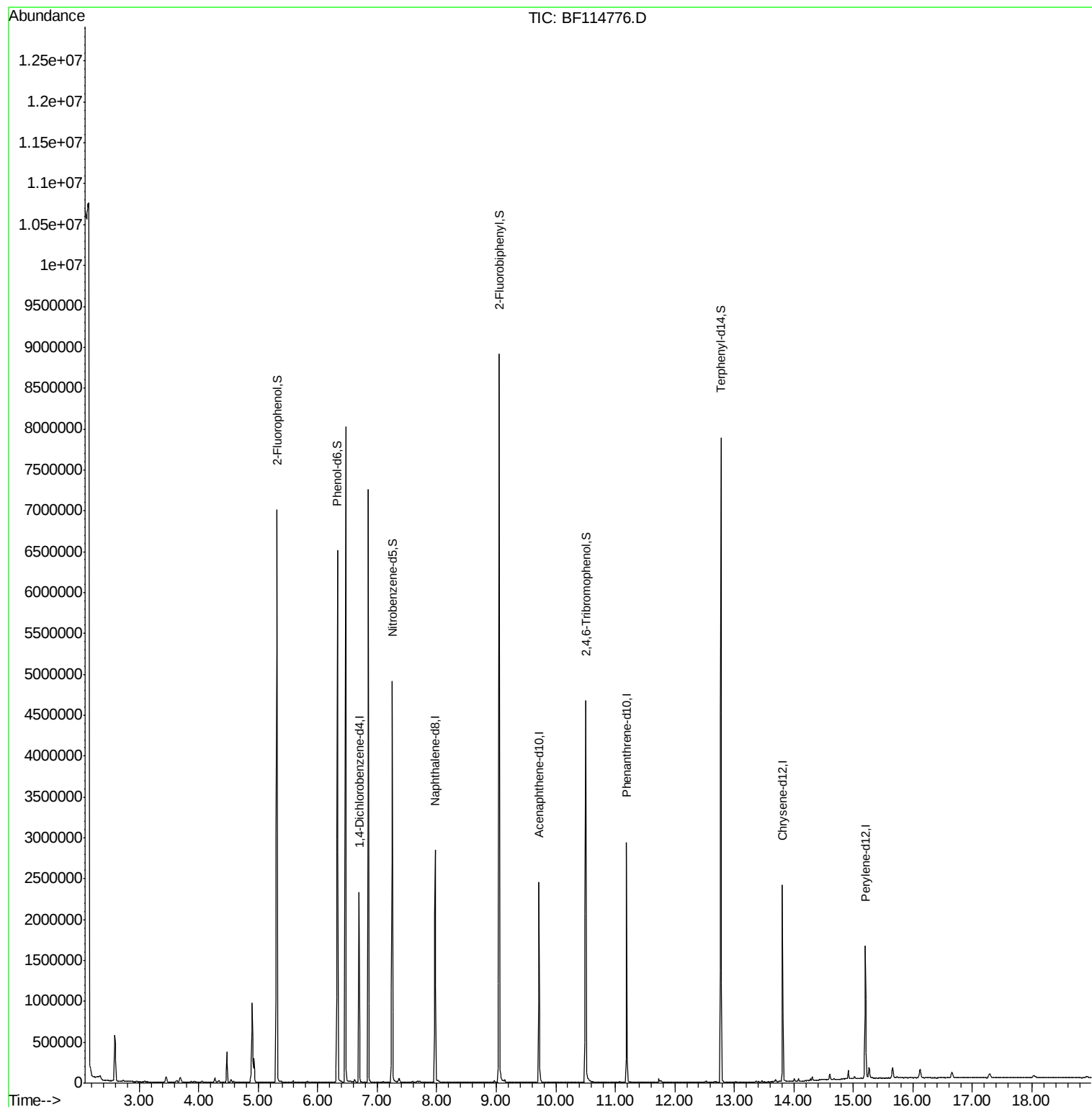
Target Compounds Qvalue

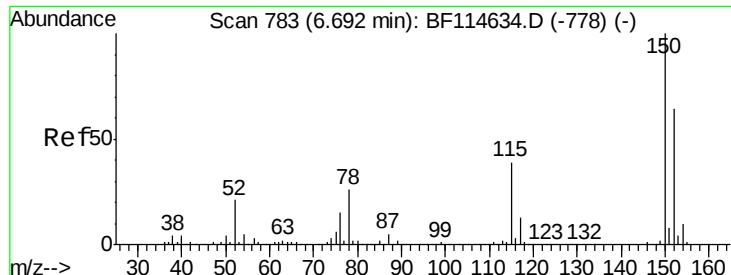
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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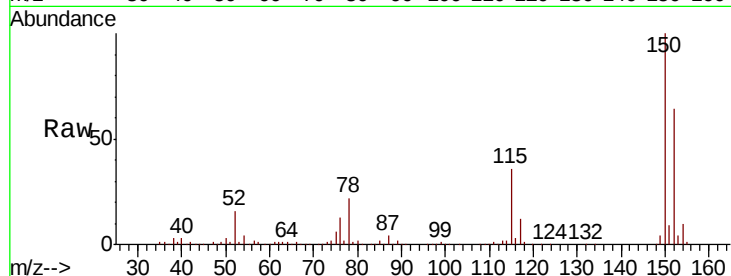


#1

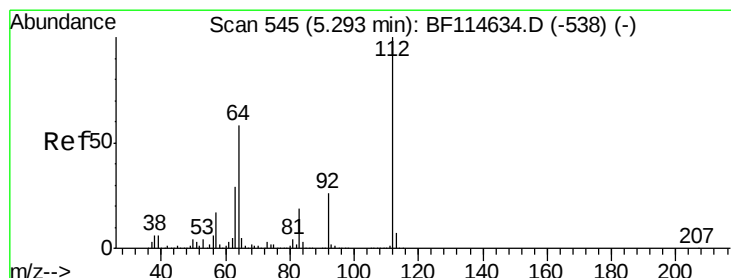
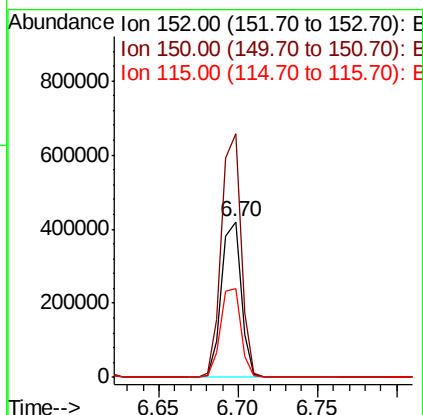
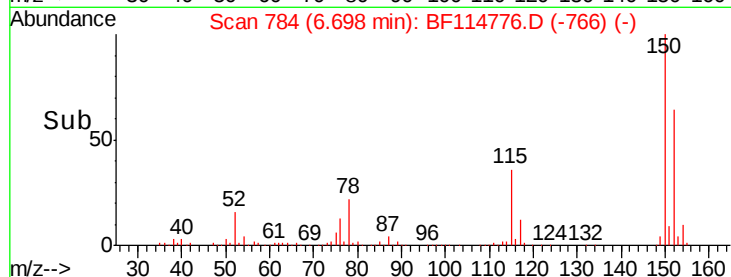
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114776.D
 Acq: 2 Jun 2019 00:42

Instrument :
 BNA_F
 ClientSampleId :
 66-67-TRACK

Tot Ion:152 Resp: 363364
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.4 186.6
 115 56.5 48.7 73.1



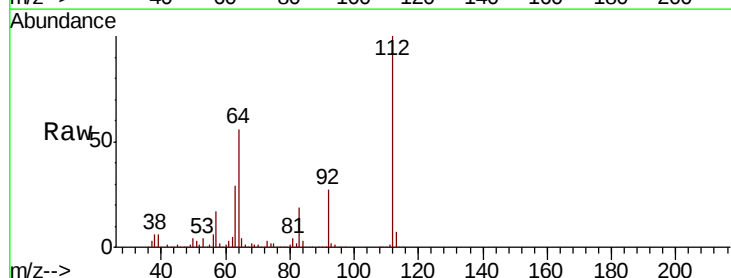
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



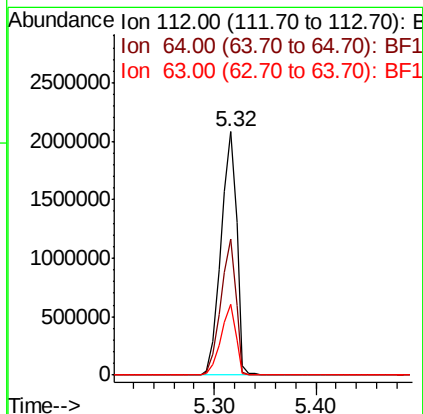
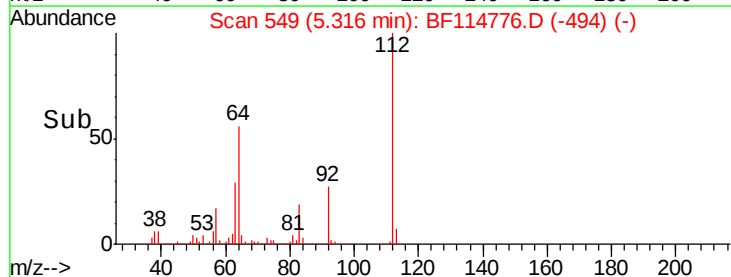
#5

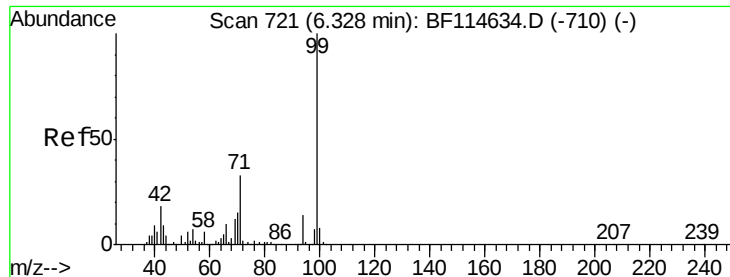
2-Fluorophenol
 Concen: 108.189 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.02 min
 Lab File: BF114776.D
 Acq: 2 Jun 2019 00:42

Tgt Ion:112 Resp: 2239087
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.1 69.1
 63 28.9 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: 97.701 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Instrument :

BNA_F

ClientSampleId :

66-67-TRACK

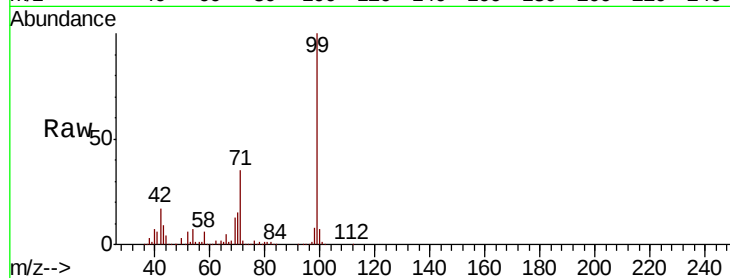
Tot Ion: 99 Resp: 2436623

Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

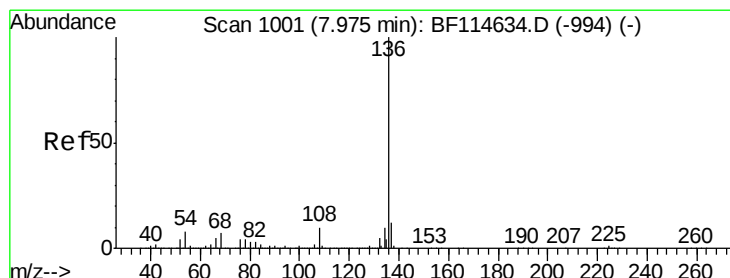
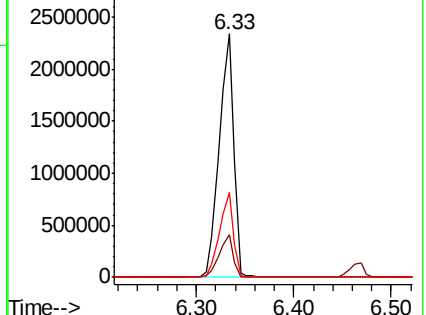
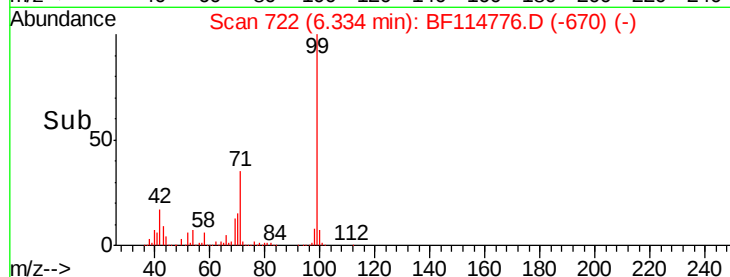
71 35.0 26.6 40.0



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: BF114776.D

Acq: 2 Jun 2019 00:42

Tgt Ion: 136 Resp: 1298574

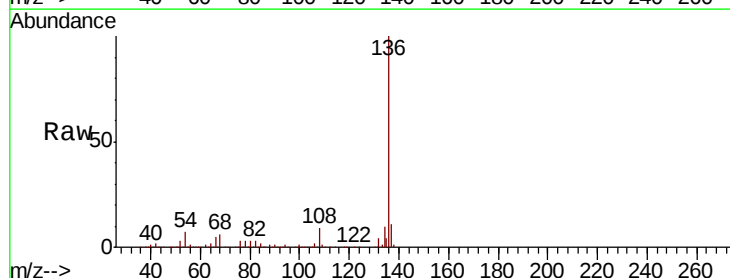
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.6 6.3 9.5

68 5.6 5.4 8.0

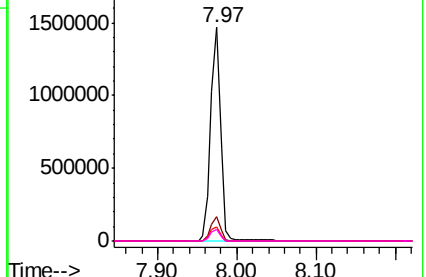
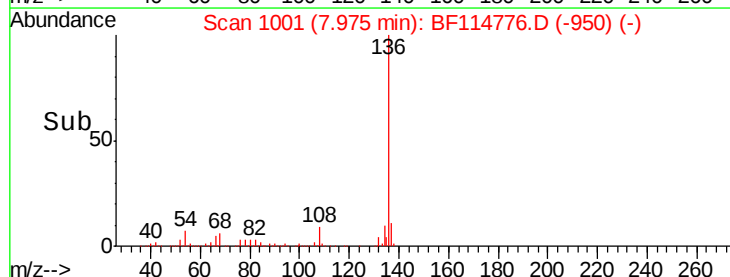


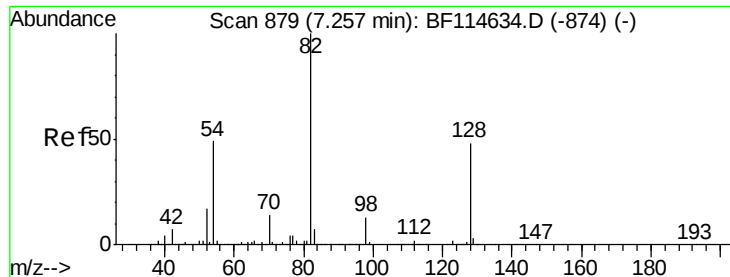
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.927 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Instrument :

BNA_F

ClientSampleId :

66-67-TRACK

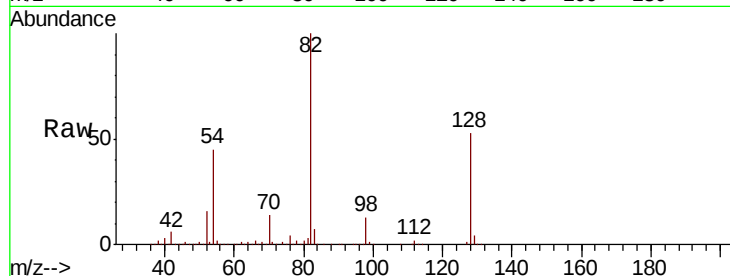
Tot Ion: 82 Resp: 1746866

Ion Ratio Lower Upper

82 100

128 52.8 38.5 57.7

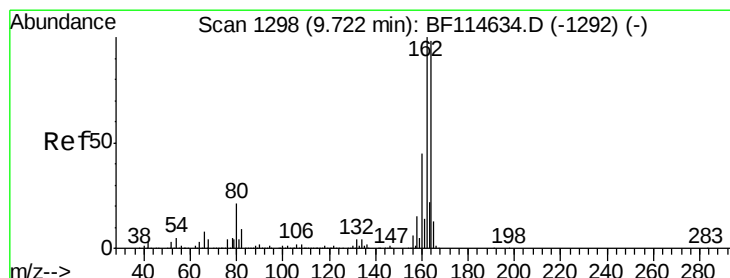
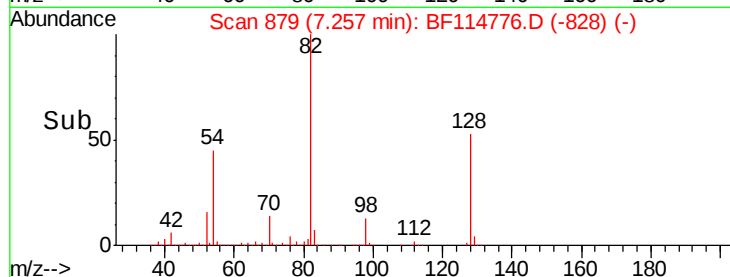
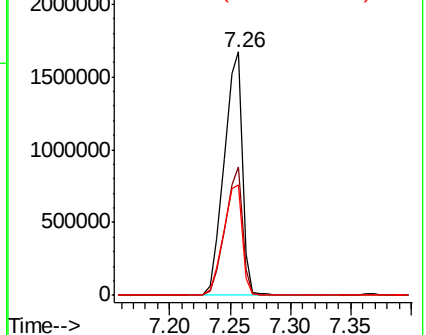
54 45.3 39.1 58.7



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# 1297

Delta R.T. -0.01 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

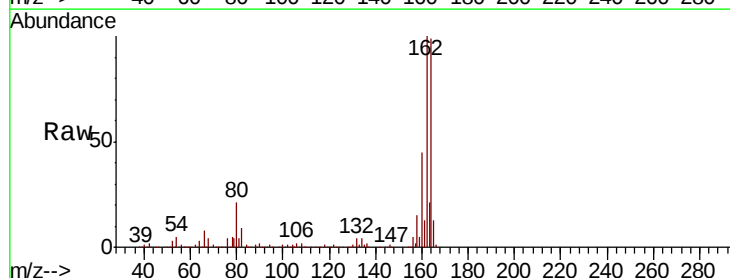
Tgt Ion:164 Resp: 568343

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.2

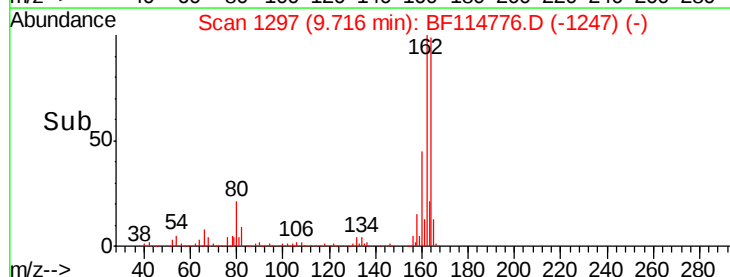
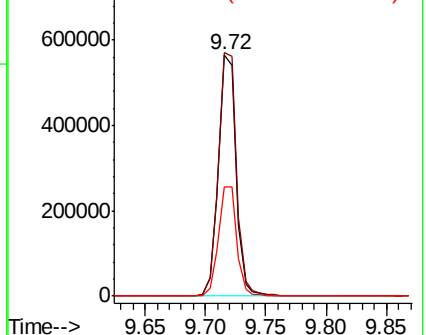
160 45.1 36.6 54.8

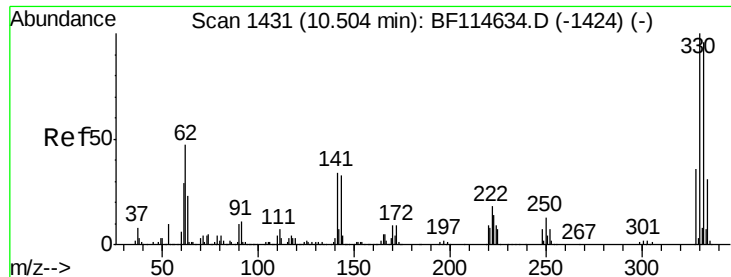


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

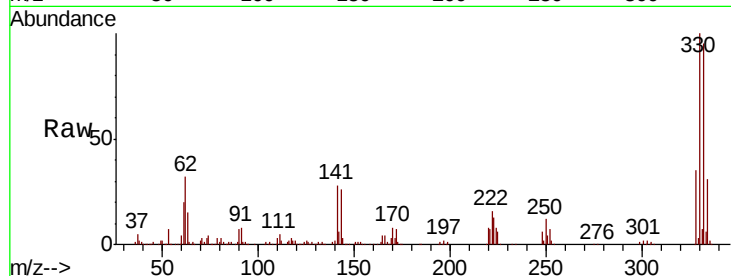




#42
 2,4,6-Tribromophenol
 Concen: 121.719 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114776.D
 Acq: 2 Jun 2019 00:42

Instrument :
 BNA_F
 ClientSampleId :
 66-67-TRACK

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.8	113.8
141	32.7	27.8	41.8

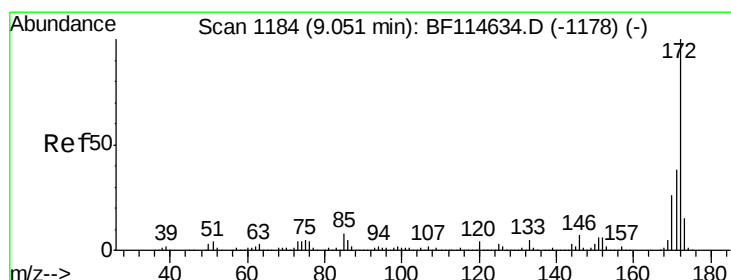
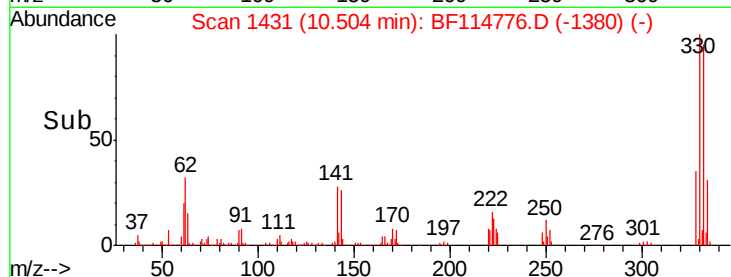
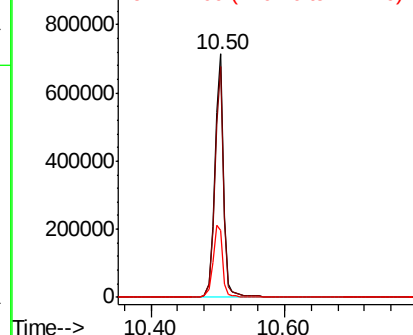


Abundance

Ion 329.80 (329.50 to 330.50): E

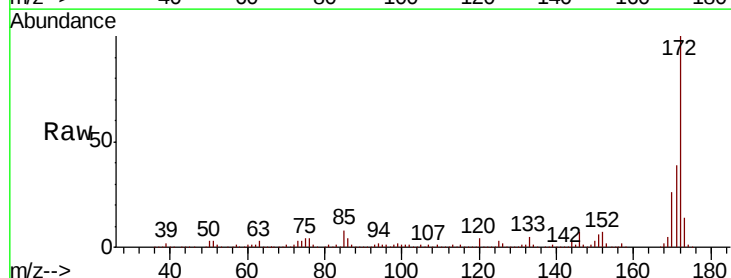
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.965 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114776.D
 Acq: 2 Jun 2019 00:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.6	45.8
170	26.1	20.7	31.1

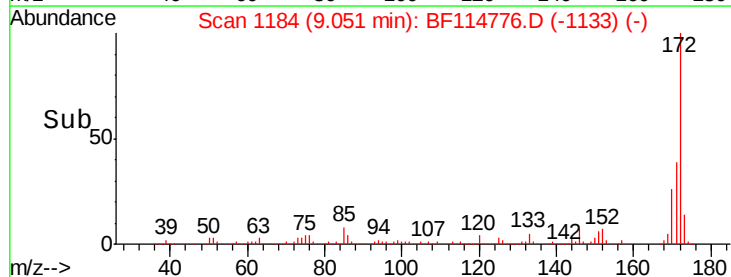
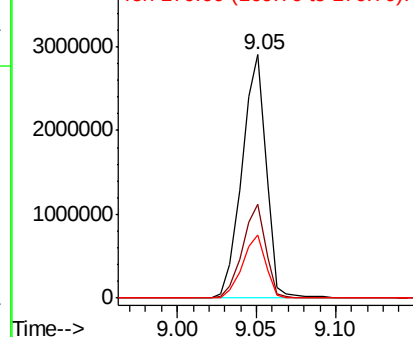


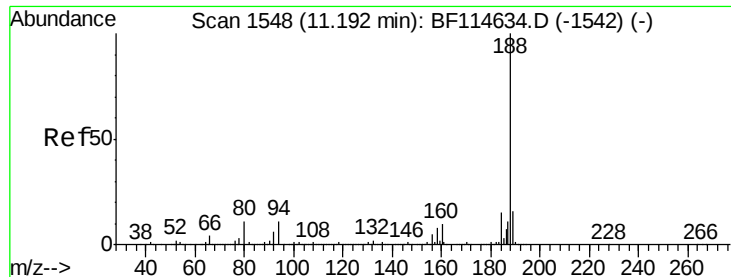
Abundance

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

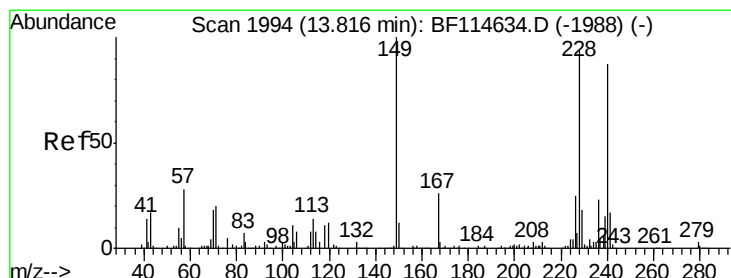
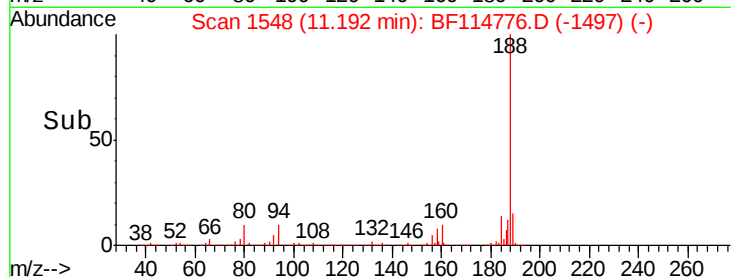
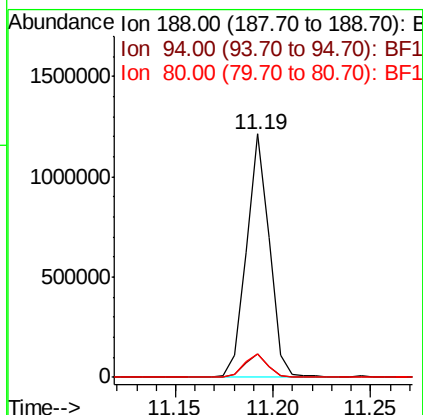
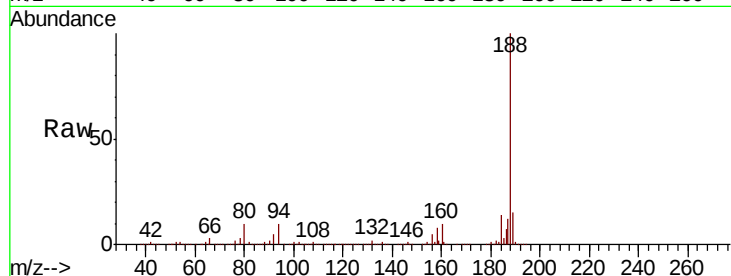




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

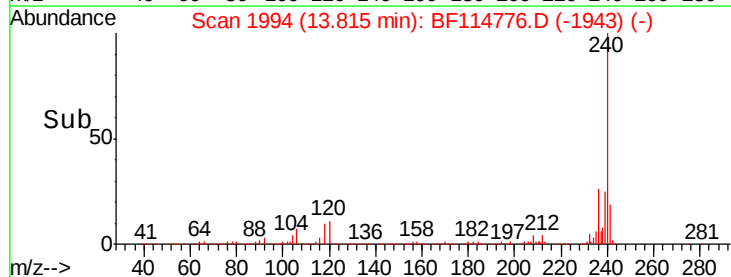
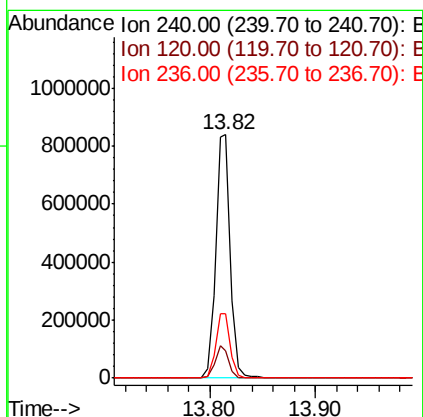
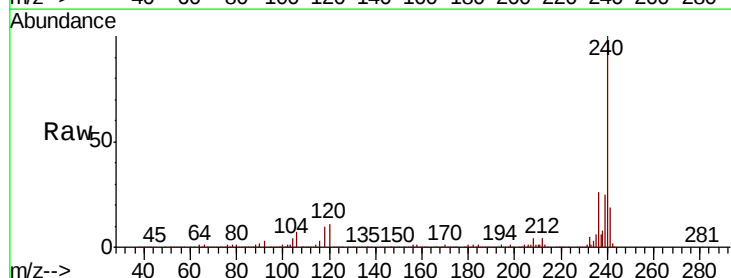
Instrument :
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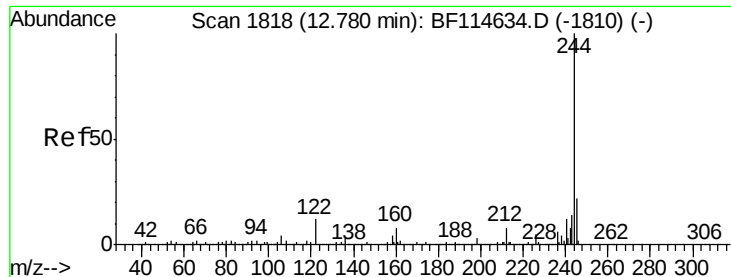
Tot Ion:188 Resp: 989770
Ion Ratio Lower Upper
188 100
94 9.6 8.6 13.0
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114776.D
Acq: 2 Jun 2019 00:42

Tgt Ion:240 Resp: 822075
Ion Ratio Lower Upper
240 100
120 11.0 11.2 16.8#
236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 65.513 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114776.D

Acq: 2 Jun 2019 00:42

Instrument :

BNA_F

ClientSampleId :

66-67-TRACK

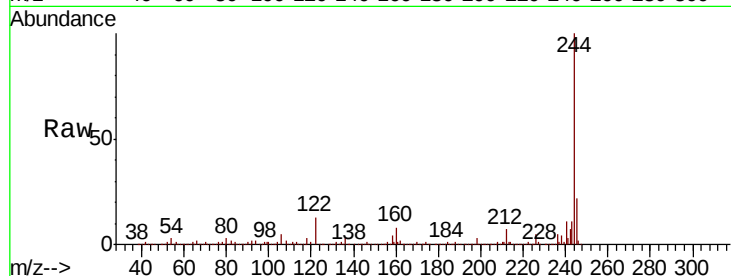
Tot Ion:244 Resp: 2864477

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

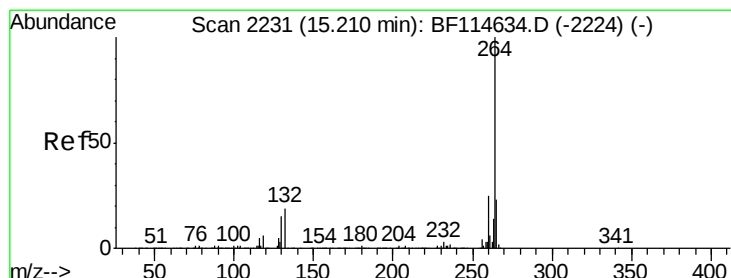
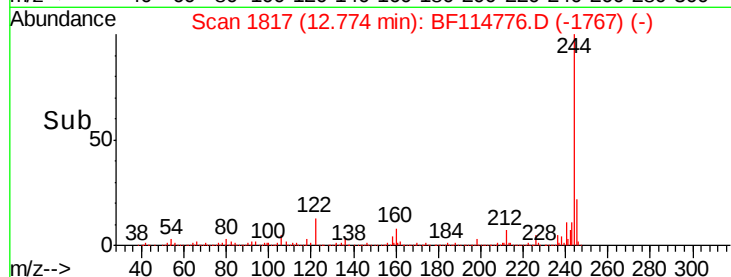
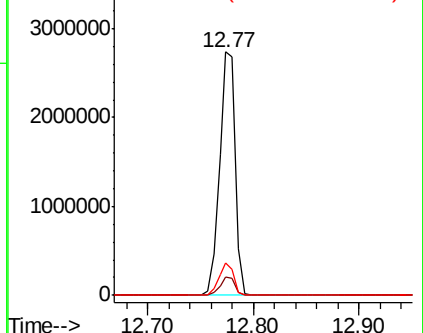
122 13.4 9.8 14.8



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: BF114776.D

Acq: 2 Jun 2019 00:42

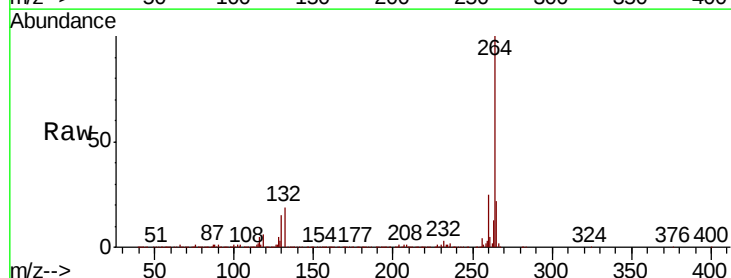
Tgt Ion:264 Resp: 726511

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.7 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

