

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114775.D
 Acq On : 2 Jun 2019 00:16
 Operator : HP/JU
 Sample : K3105-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Quant Time: Jun 03 05:01:02 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	419430	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1518051	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	704301	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1164146	20.00	ng	0.00
76) Chrysene-d12	13.82	240	802123	20.00	ng	0.00
87) Perylene-d12	15.20	264	692358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2658844	111.30	ng	0.03
7) Phenol-d6	6.33	99	2984747	103.68	ng	0.00
23) Nitrobenzene-d5	7.26	82	2139065	87.91	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	827530	123.31	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3822666	105.89	ng	0.00
79) Terphenyl-d14	12.78	244	3203788	75.10	ng	0.00

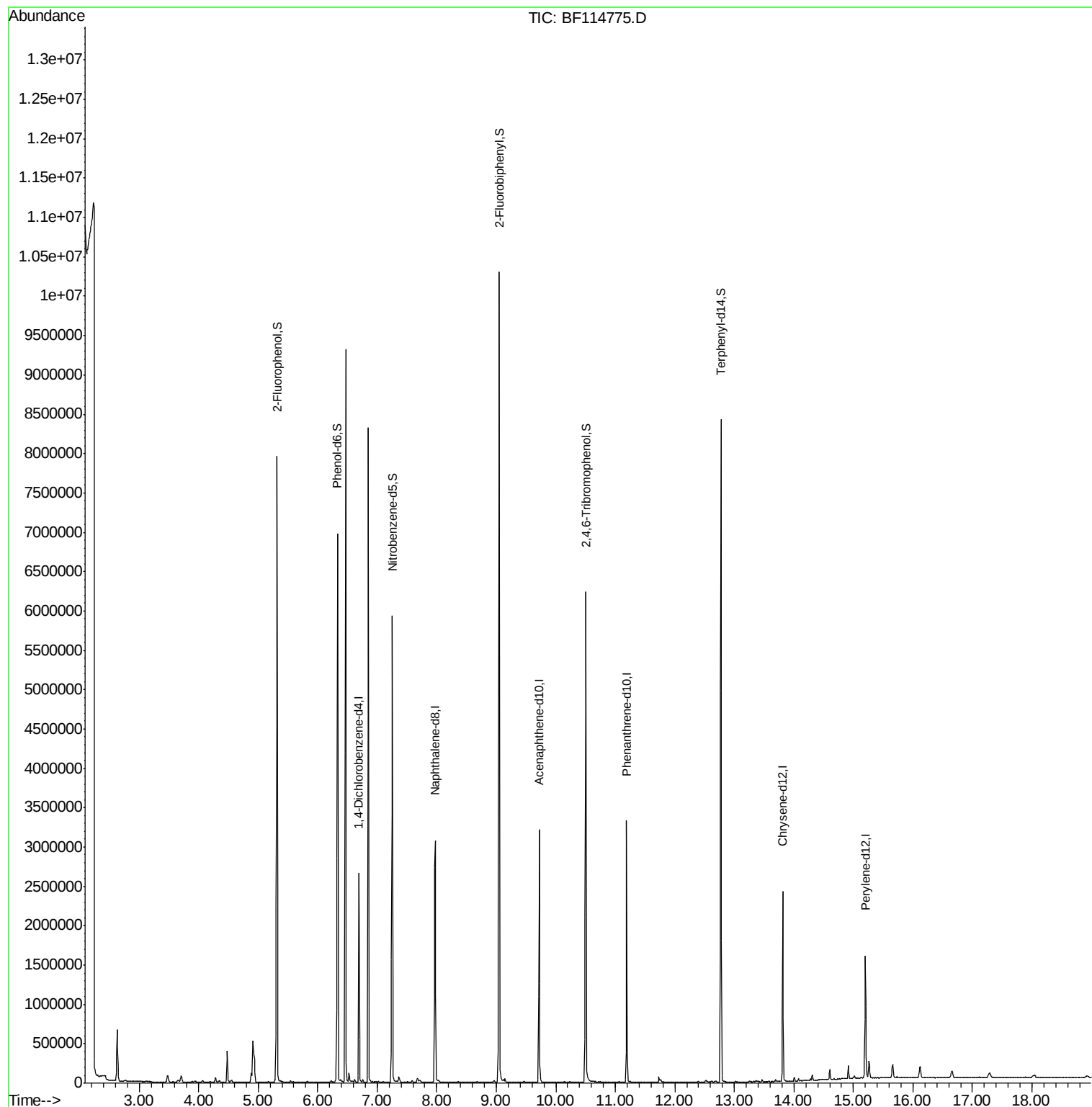
Target Compounds Qvalue

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

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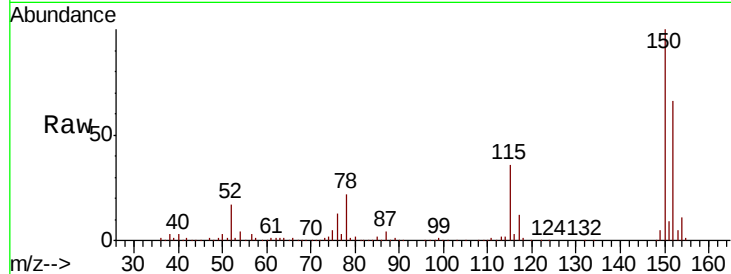


#1

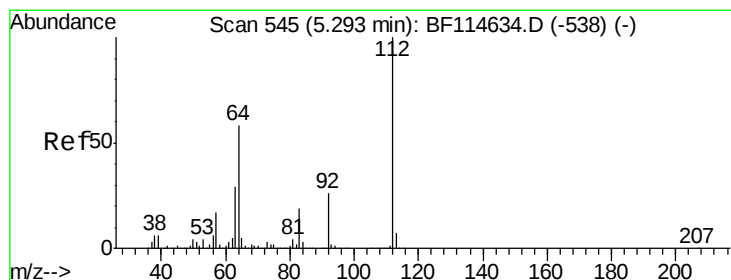
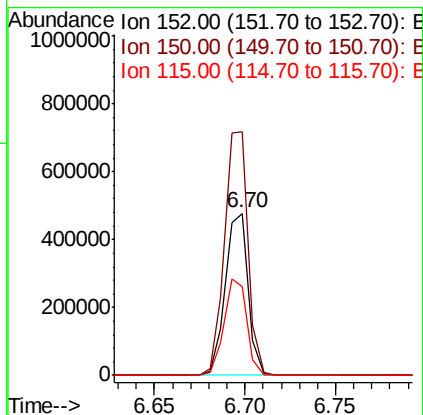
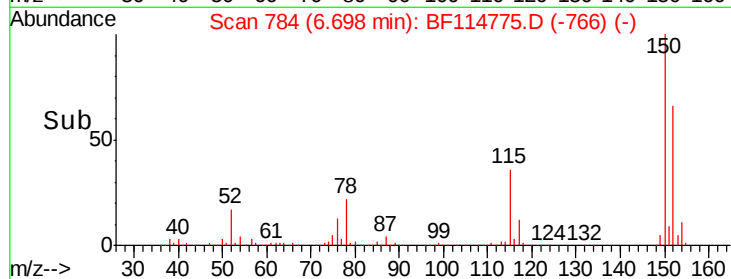
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114775.D
 Acq: 2 Jun 2019 00:16

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Tot Ion:152 Resp: 419430
 Ion Ratio Lower Upper
 152 100
 150 150.5 124.4 186.6
 115 54.5 48.7 73.1



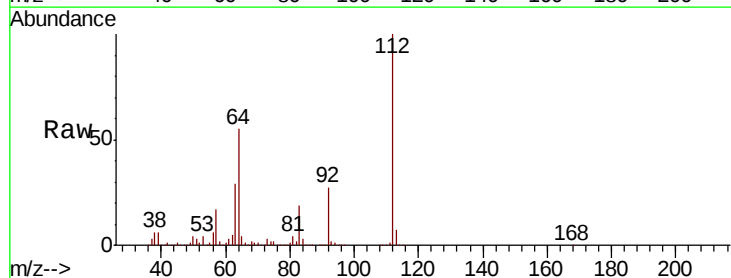
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



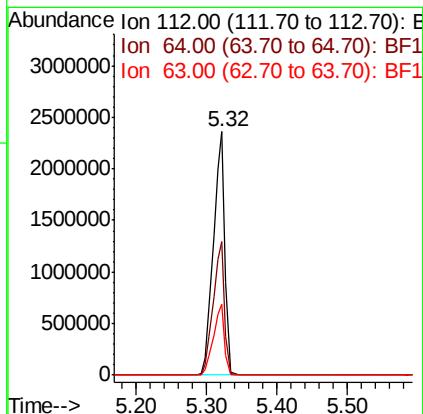
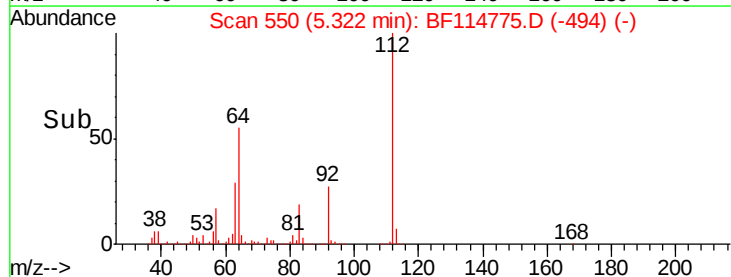
#5

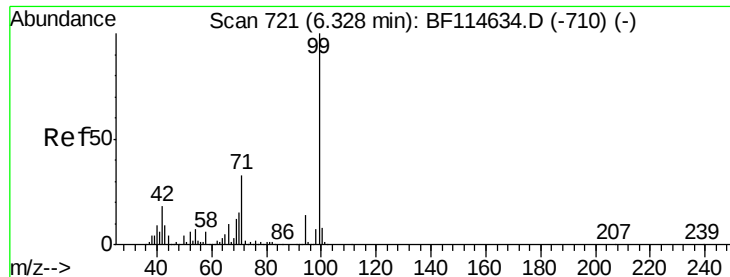
2-Fluorophenol
 Concen: 111.298 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.03 min
 Lab File: BF114775.D
 Acq: 2 Jun 2019 00:16

Tgt Ion:112 Resp: 2658844
 Ion Ratio Lower Upper
 112 100
 64 54.9 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: 103.681 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114775.D

Acq: 2 Jun 2019 00:16

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

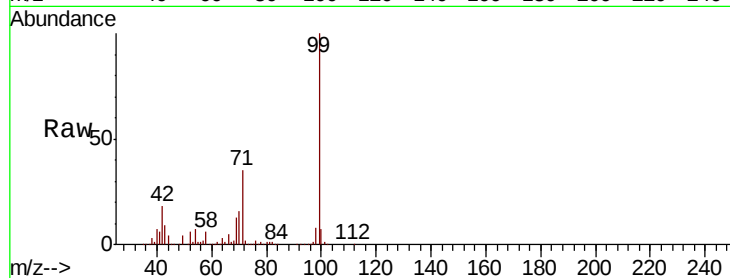
Tot Ion: 99 Resp: 2984747

Ion Ratio Lower Upper

99 100

42 17.6 14.7 22.1

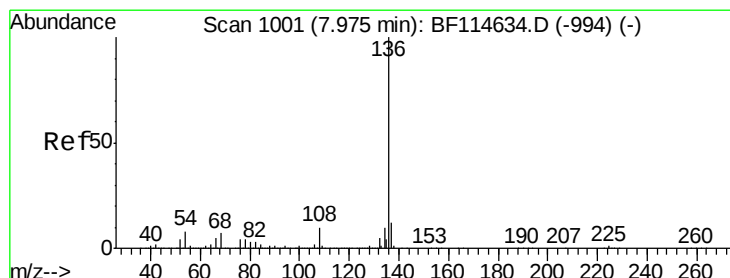
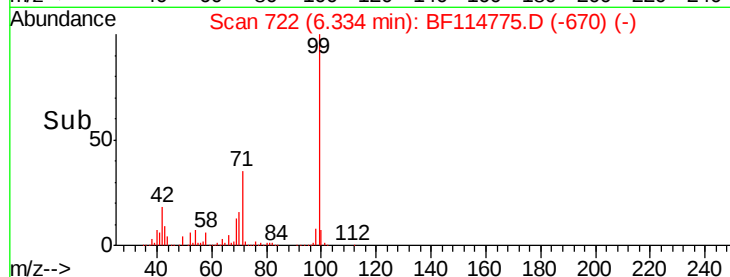
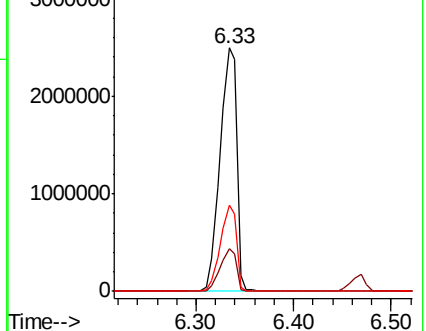
71 35.2 26.6 40.0



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: BF114775.D

Acq: 2 Jun 2019 00:16

Tgt Ion:136 Resp: 1518051

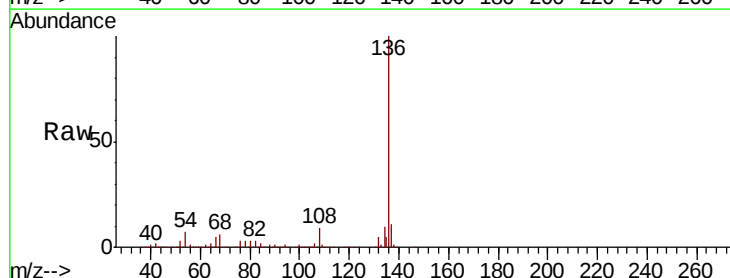
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.6 6.3 9.5

68 5.9 5.4 8.0

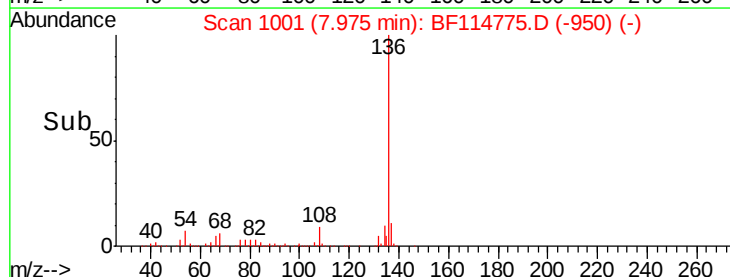
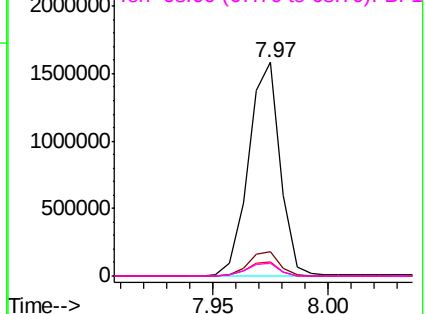


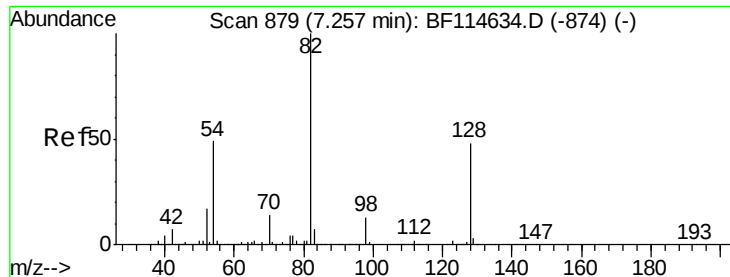
Abundance Ion 136.00 (135.70 to 136.70): E

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

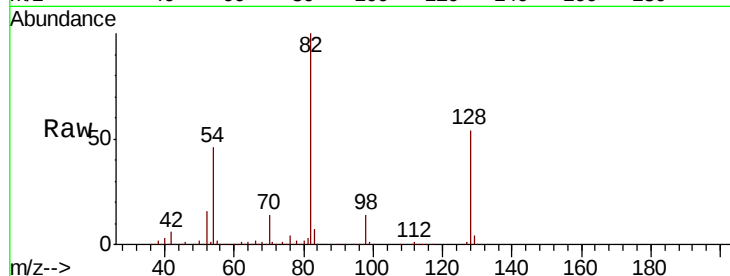




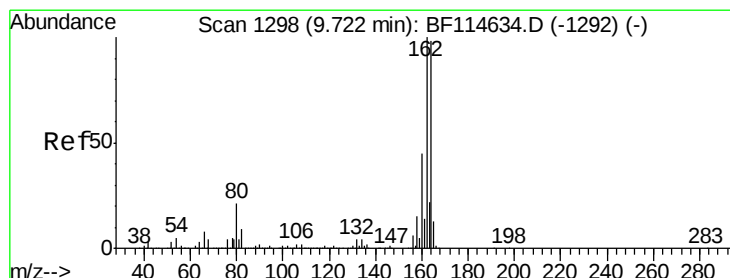
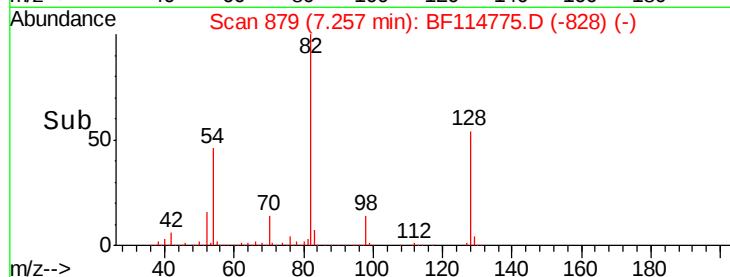
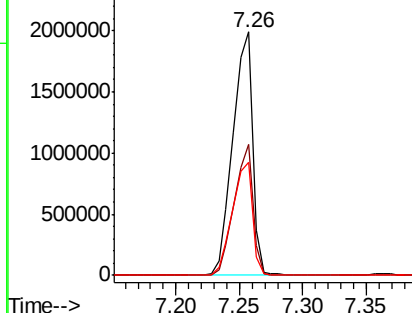
#23
Nitrobenzene-d5
Concen: 87.912 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114775.D
Acq: 2 Jun 2019 00:16

Instrument :
BNA_F
ClientSampleId :
8-9-TRACK

Tot Ion: 82 Resp: 2139065
Ion Ratio Lower Upper
82 100
128 53.7 38.5 57.7
54 46.4 39.1 58.7

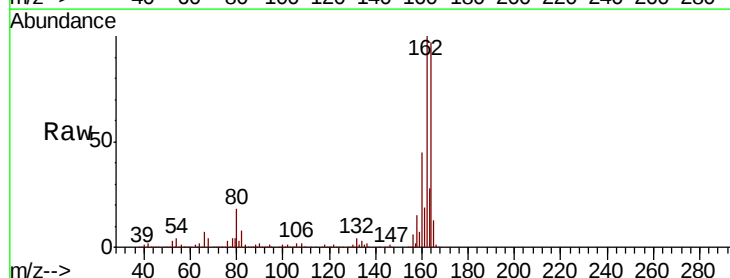


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

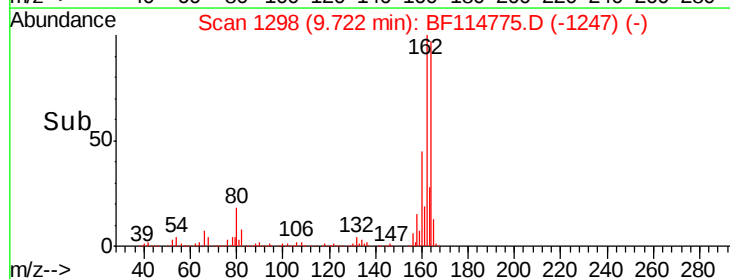
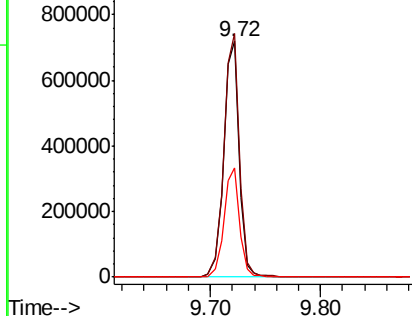


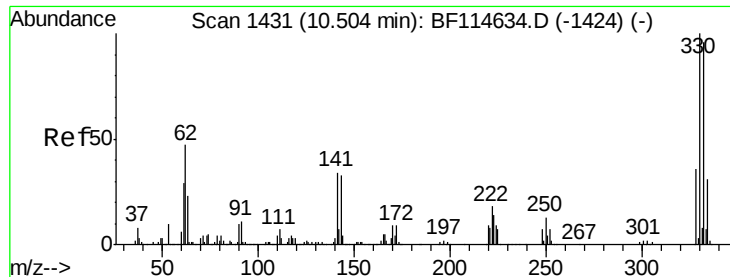
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114775.D
Acq: 2 Jun 2019 00:16

Tgt Ion:164 Resp: 704301
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.2
160 46.6 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

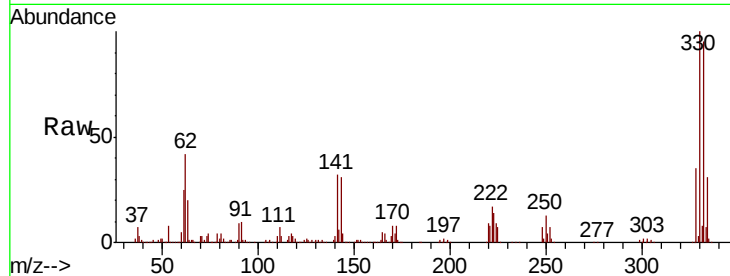




#42
 2,4,6-Tribromophenol
 Concen: 123.312 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114775.D
 Acq: 2 Jun 2019 00:16

Instrument :
 BNA_F
 ClientSampleId :
 8-9-TRACK

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.8	113.8
141	32.5	27.8	41.8

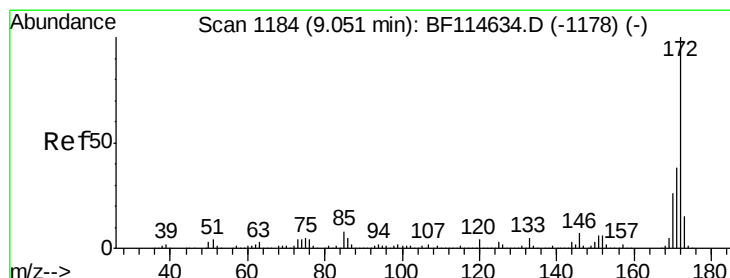
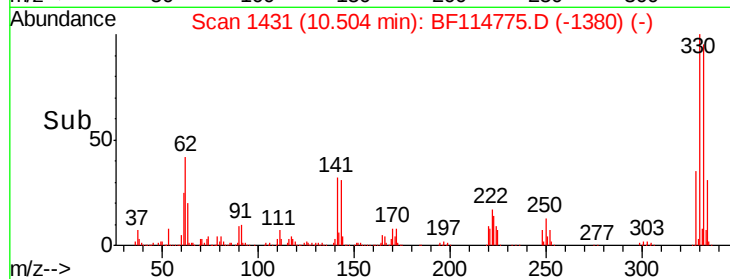
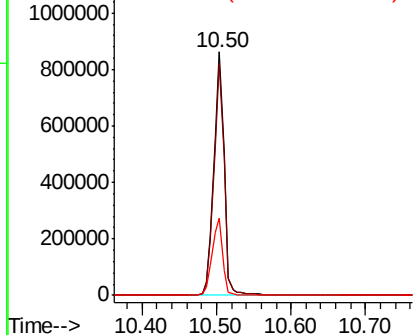


Abundance

Ion 329.80 (329.50 to 330.50): E

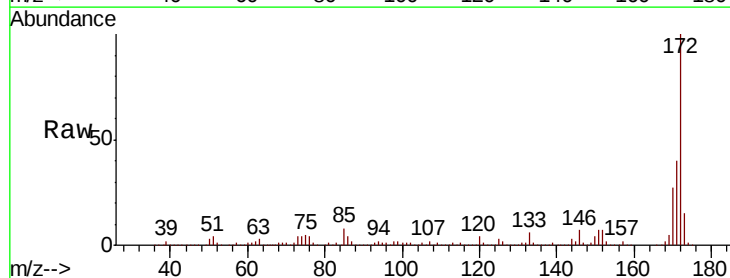
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 105.889 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114775.D
 Acq: 2 Jun 2019 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.6	45.8
170	27.1	20.7	31.1

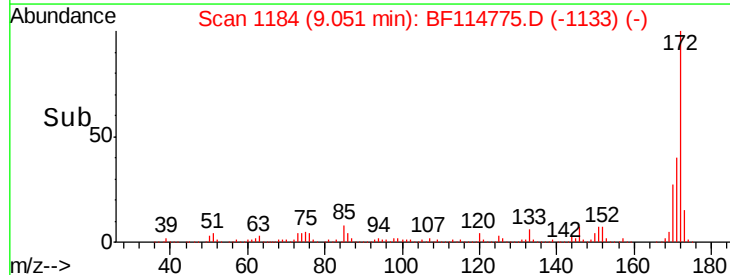
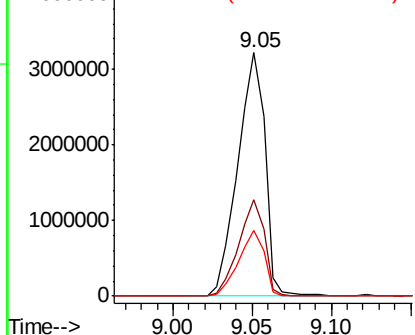


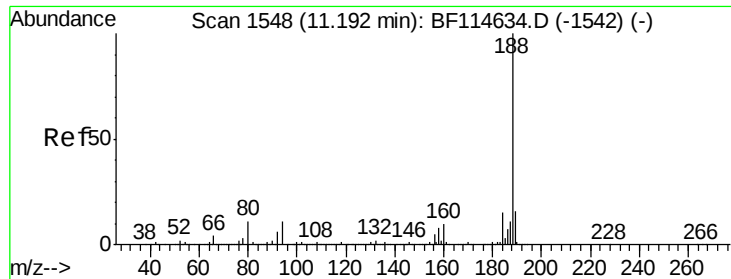
Abundance

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: BF114775.D

Acq: 2 Jun 2019 00:16

Instrument :

BNA_F

ClientSampleId :

8-9-TRACK

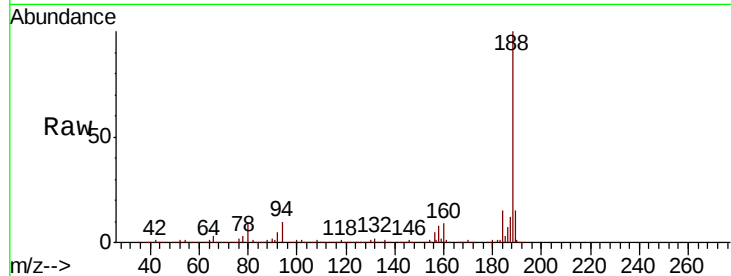
Tot Ion:188 Resp: 1164146

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

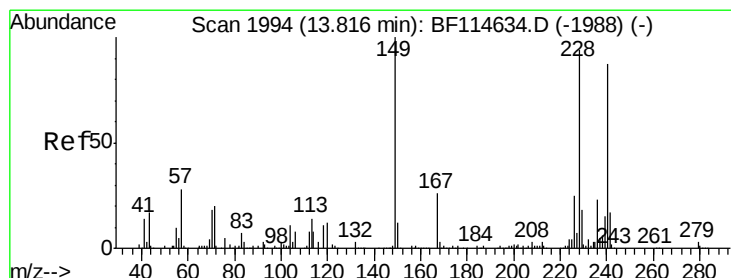
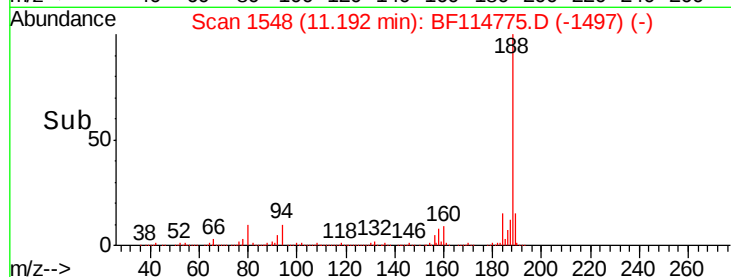
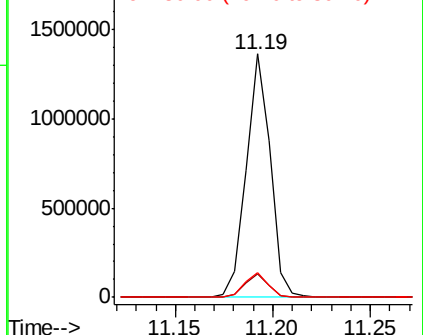
80 10.2 9.0 13.6



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: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF114775.D

Acq: 2 Jun 2019 00:16

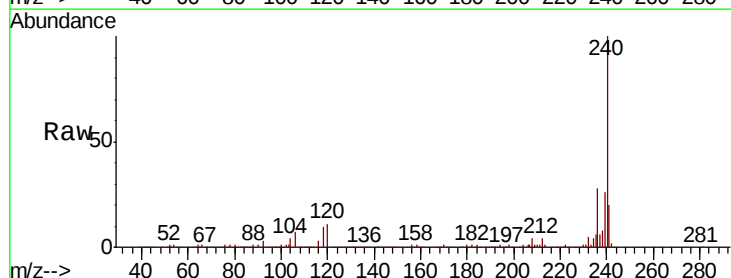
Tgt Ion:240 Resp: 802123

Ion Ratio Lower Upper

240 100

120 11.1 11.2 16.8#

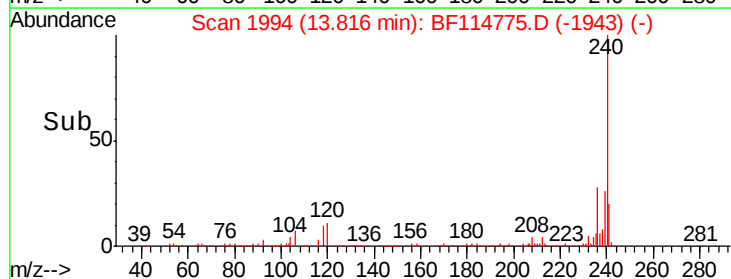
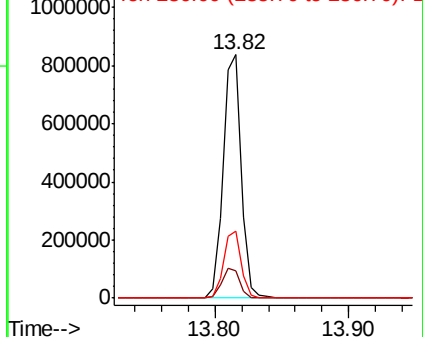
236 27.7 21.2 31.8

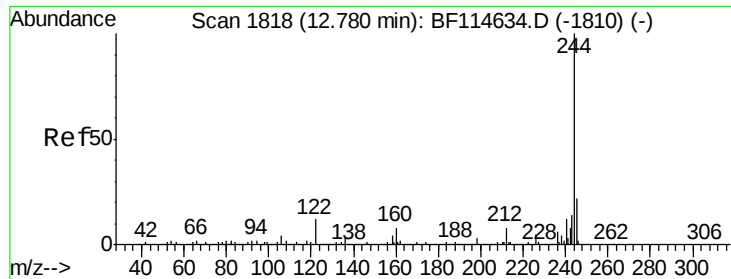


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.096 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114775.D

Acq: 2 Jun 2019 00:16

Instrument :

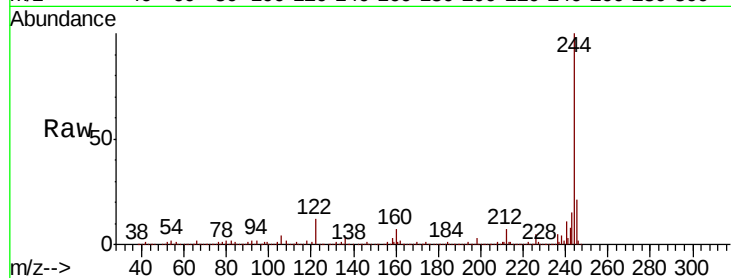
BNA_F

ClientSampleId :

8-9-TRACK

Tot Ion:244 Resp: 3203788

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.7	9.8	14.8

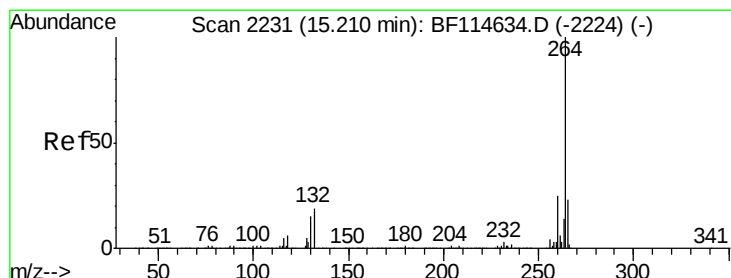
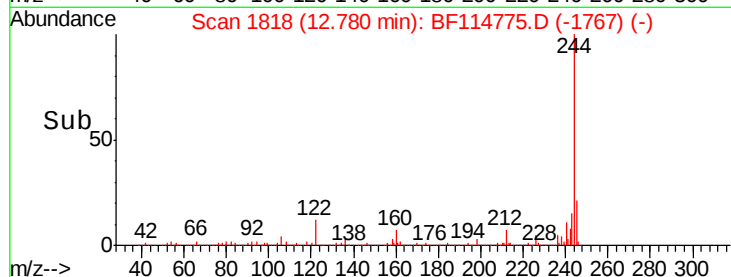
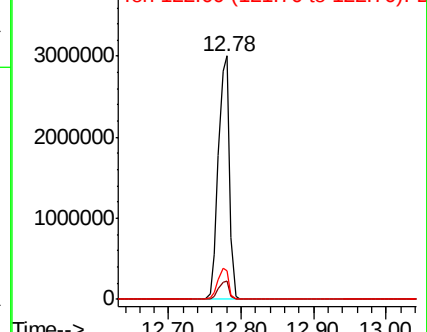


Abundance

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

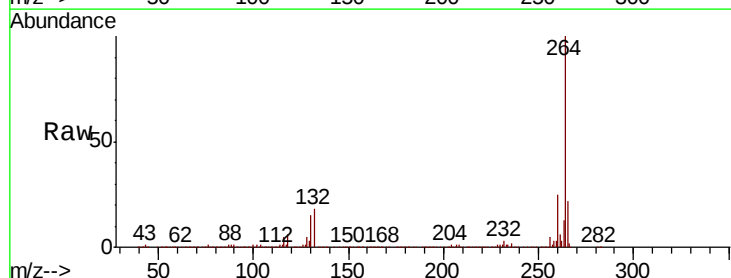
Delta R.T. -0.01 min

Lab File: BF114775.D

Acq: 2 Jun 2019 00:16

Tgt Ion:264 Resp: 692358

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.1	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

