

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060119\
 Data File : BF114768.D
 Acq On : 1 Jun 2019 21:09
 Operator : HP/JU
 Sample : K3124-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-D

Quant Time: Jun 03 04:46:33 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

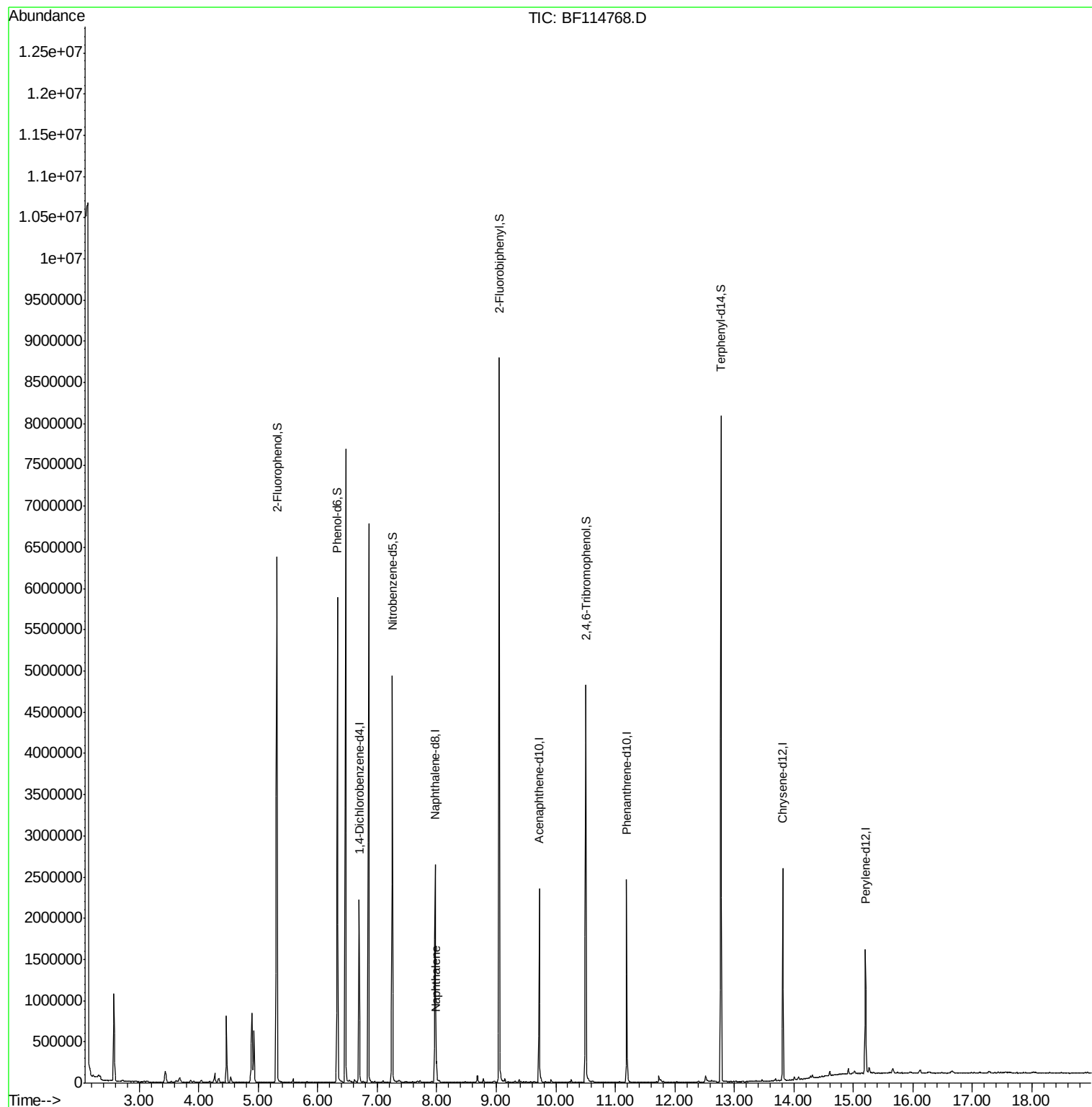
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	330959	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1126697	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	482569	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	857658	20.00	ng	0.00
76) Chrysene-d12	13.82	240	791782	20.00	ng	0.00
87) Perylene-d12	15.20	264	664598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2037048	108.06	ng	0.02
7) Phenol-d6	6.33	99	2100434	92.47	ng	0.00
23) Nitrobenzene-d5	7.26	82	1647868	91.25	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	631489	137.34	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2769413	113.09	ng	0.00
79) Terphenyl-d14	12.78	244	2970481	70.54	ng	0.00
Target Compounds						
31) Naphthalene	7.99	128	125444	2.417	ng	Qvalue 96

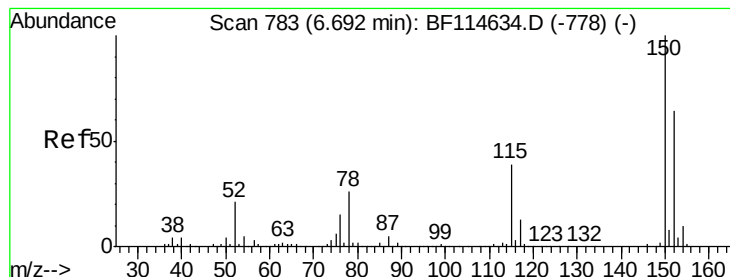
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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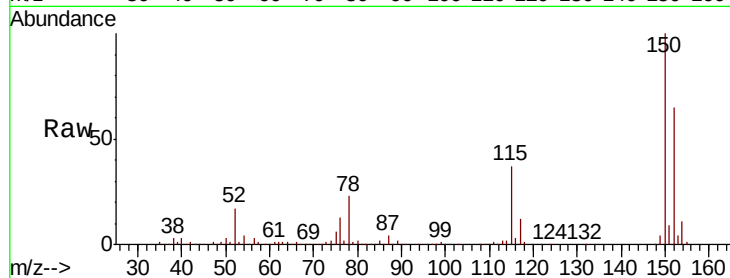


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.4	186.6
115	56.8	48.7	73.1

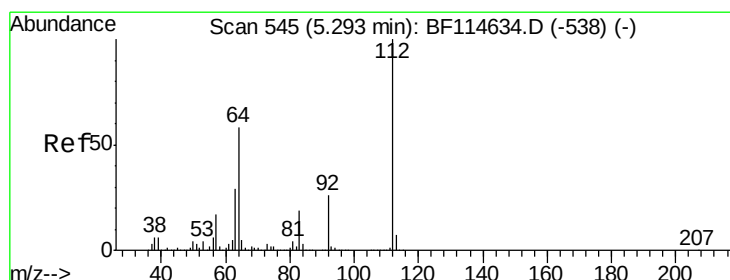
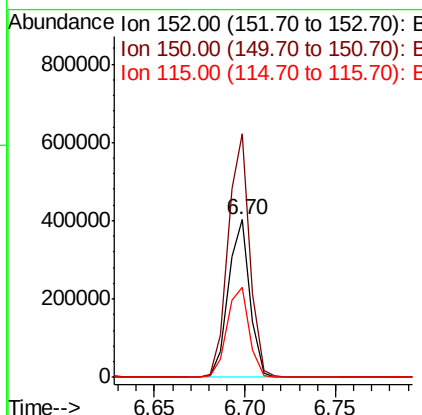
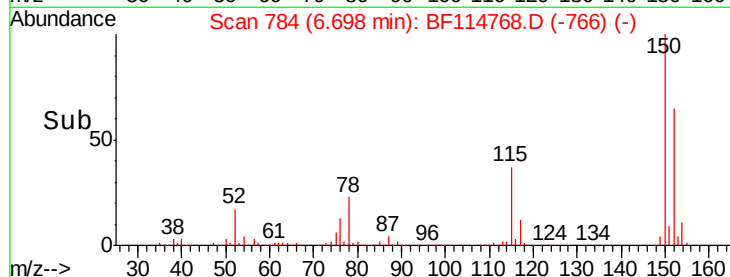


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

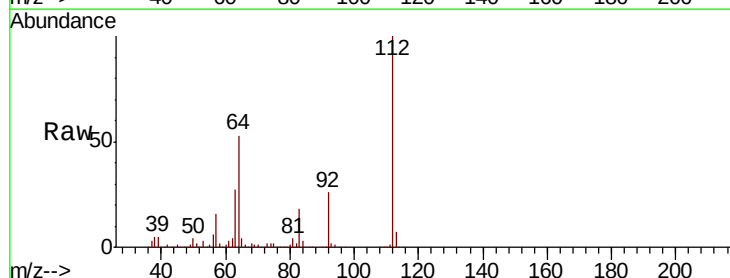
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 108.064 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.1	69.1
63	27.4	23.4	35.2

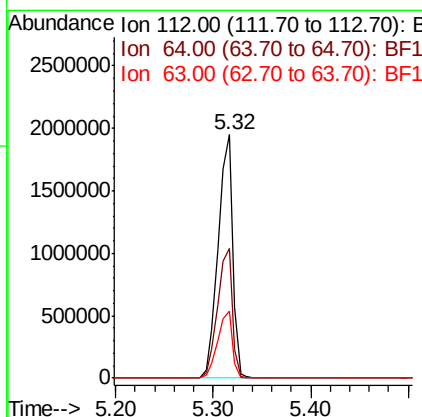
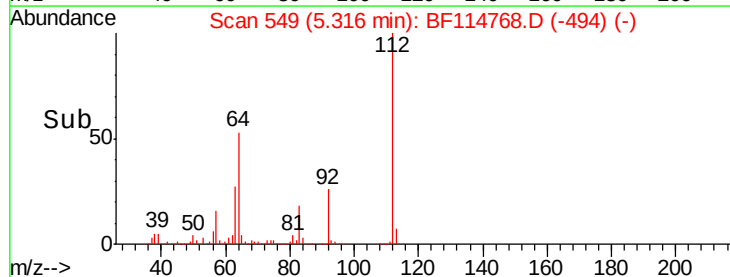


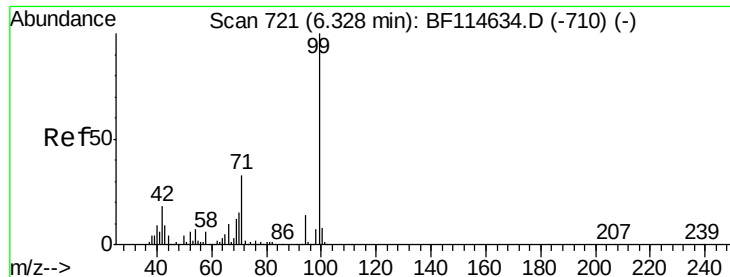
Abundance

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: 92.467 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114768.D

Acq: 1 Jun 2019 21:09

Instrument :

BNA_F

ClientSampleId :

TP-25-D

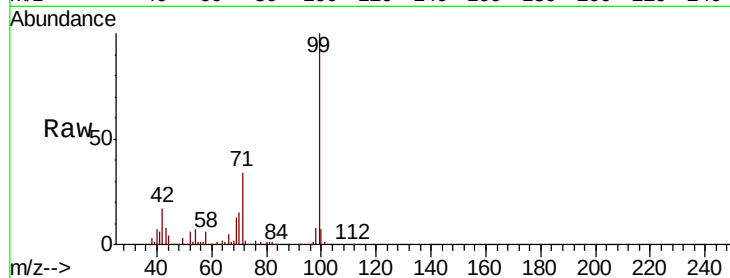
Tot Ion: 99 Resp: 2100434

Ion Ratio Lower Upper

99 100

42 17.1 14.7 22.1

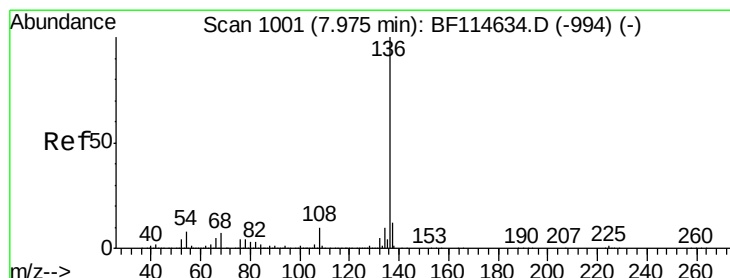
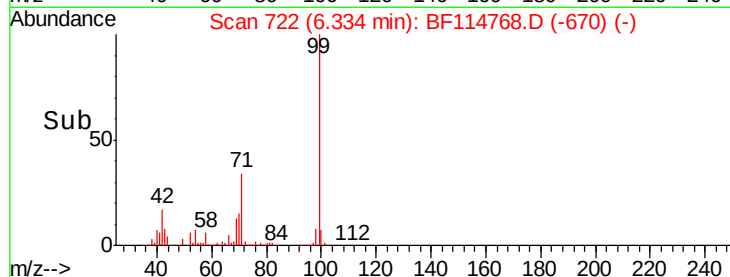
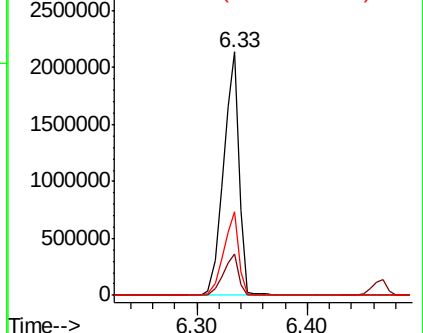
71 34.2 26.6 40.0



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: BF114768.D

Acq: 1 Jun 2019 21:09

Tgt Ion:136 Resp: 1126697

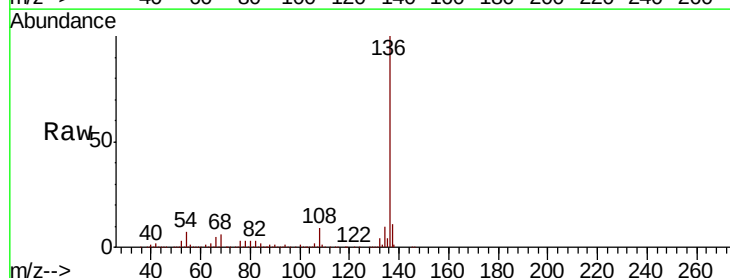
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 6.6 6.3 9.5

68 5.7 5.4 8.0

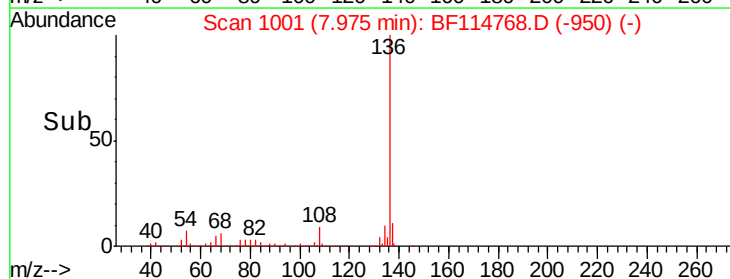
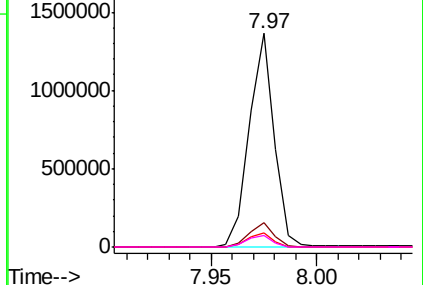


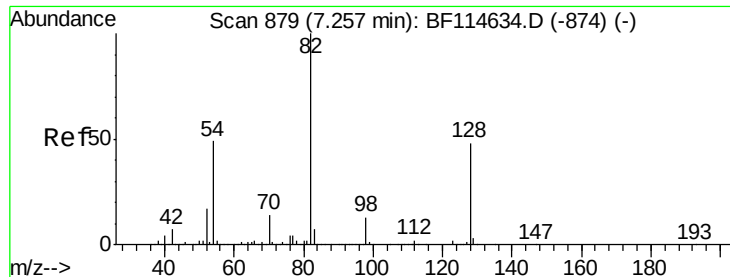
Abundance Ion 136.00 (135.70 to 136.70): E

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

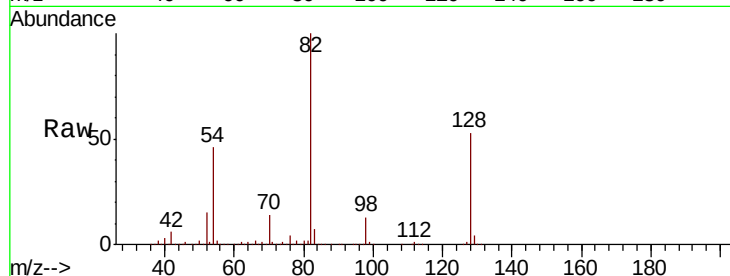




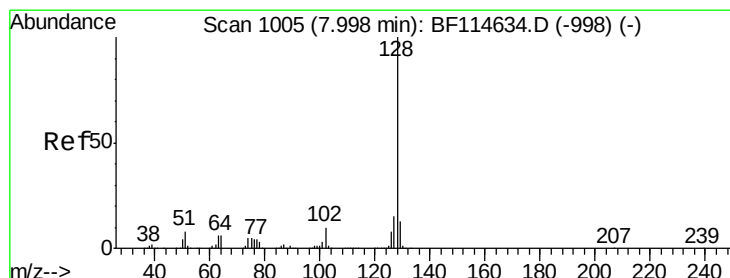
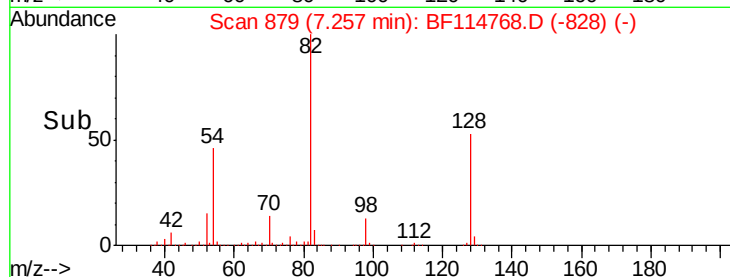
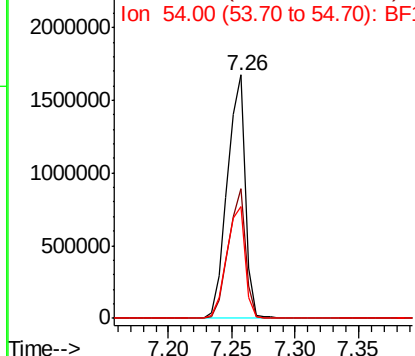
#23
Nitrobenzene-d5
Concen: 91.248 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampled :
TP-25-D

Tot Ion: 82 Resp: 1647868
Ion Ratio Lower Upper
82 100
128 53.1 38.5 57.7
54 45.9 39.1 58.7

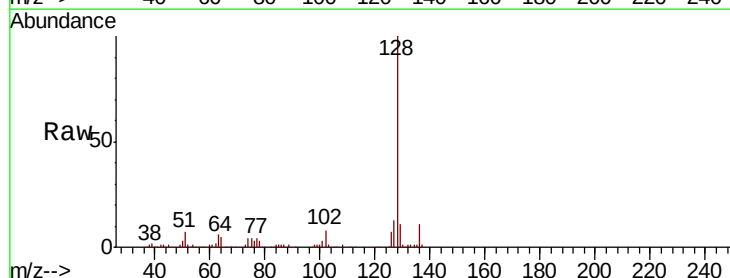


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

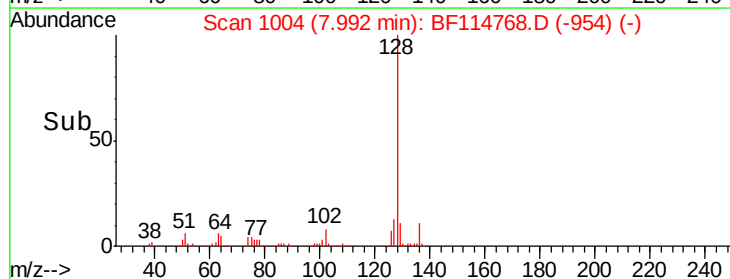
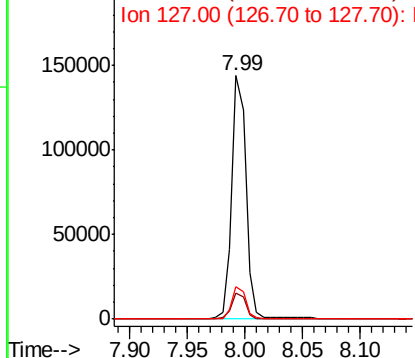


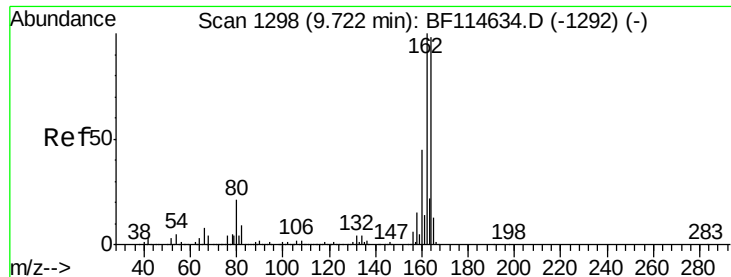
#31
Naphthalene
Concen: 2.417 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion: 128 Resp: 125444
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 13.3 11.9 17.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

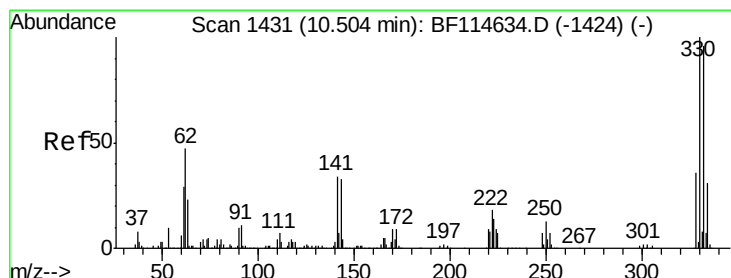
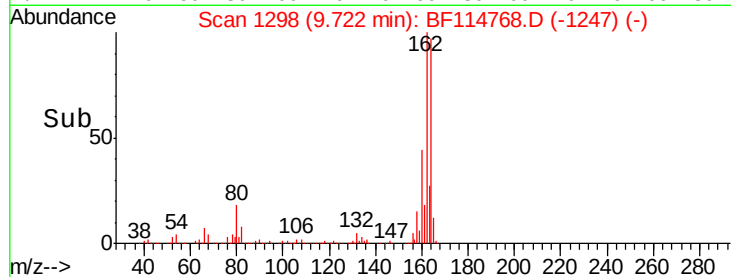
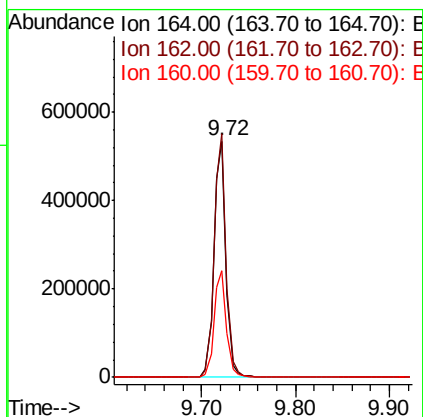
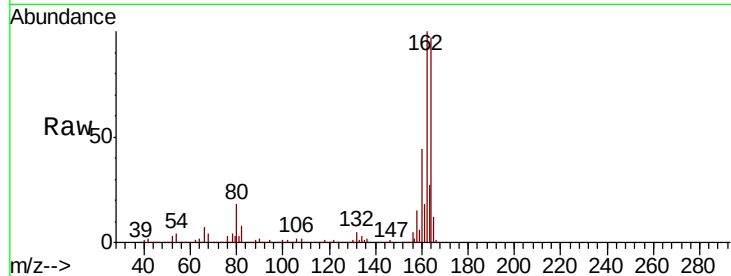




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

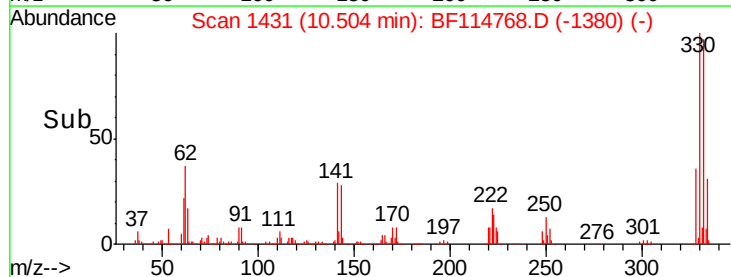
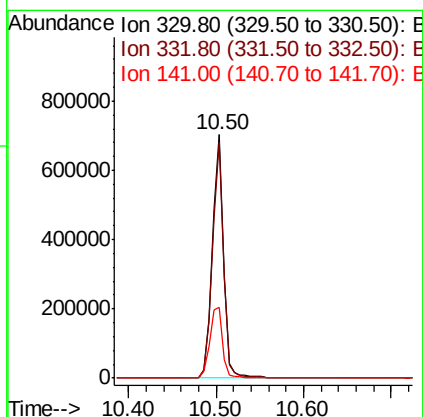
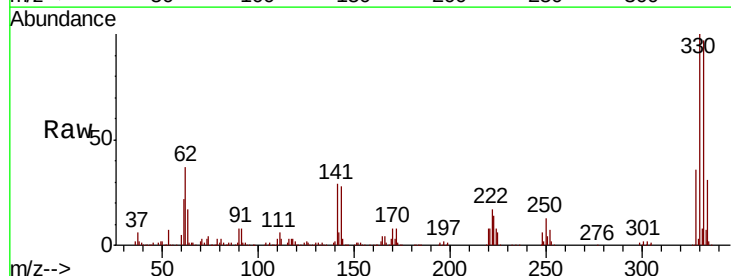
Instrument :
BNA_F
ClientSampleId :
TP-25-D

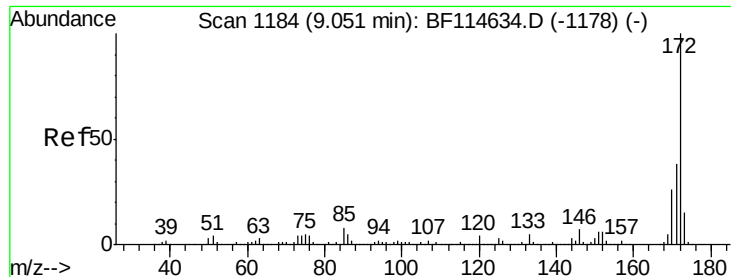
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	45.3	36.6	54.8



#42
2,4,6-Tribromophenol
Concen: 137.336 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.8
141	33.3	27.8	41.8



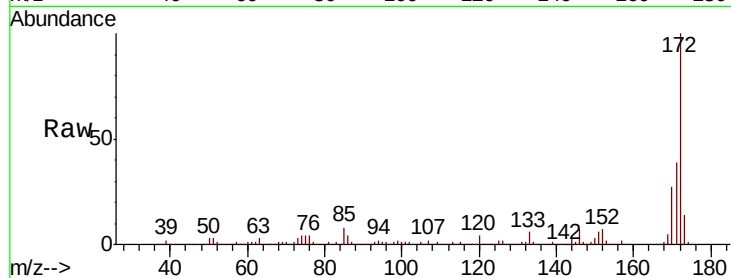


#45
 2-Fluorobiphenyl
 Concen: 113.093 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114768.D
 Acq: 1 Jun 2019 21:09

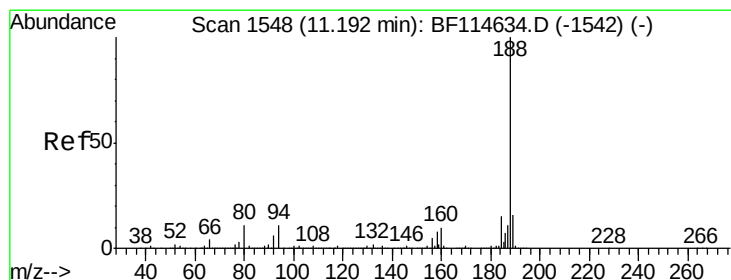
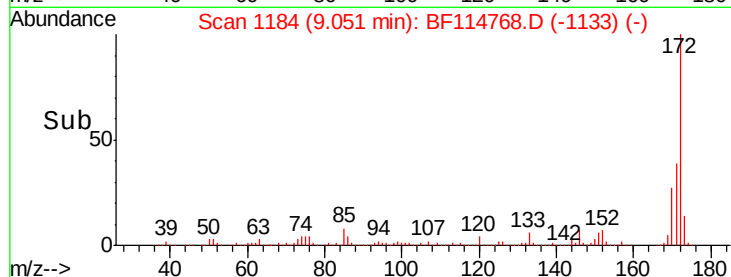
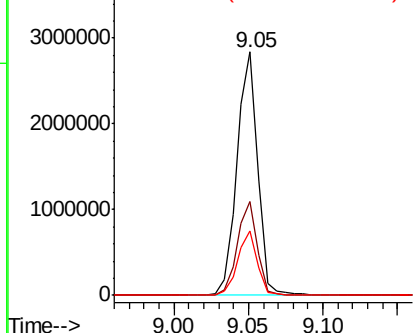
Instrument :
 BNA_F
 ClientSampleId :
 TP-25-D

Tot Ion:172 Resp: 2769413

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.6	45.8
170	26.5	20.7	31.1



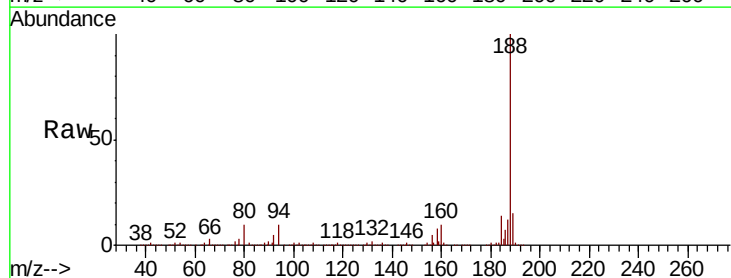
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



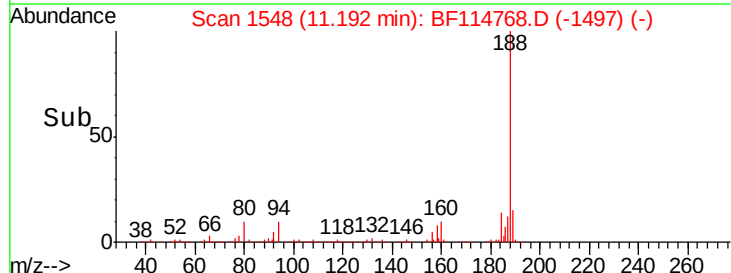
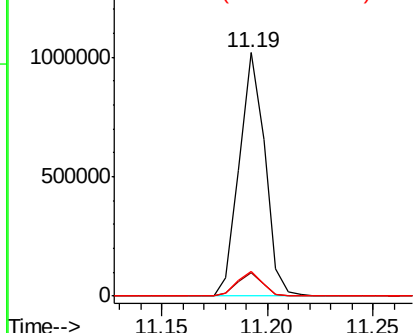
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF114768.D
 Acq: 1 Jun 2019 21:09

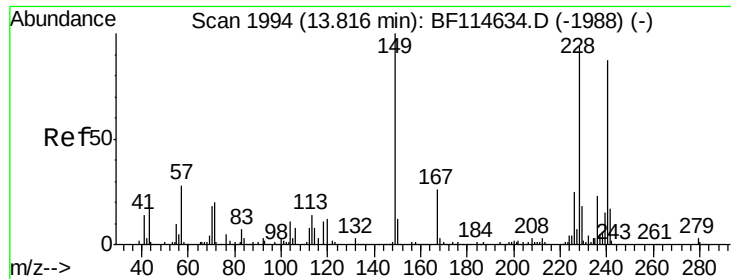
Tgt Ion:188 Resp: 857658

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.6	13.0
80	9.9	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

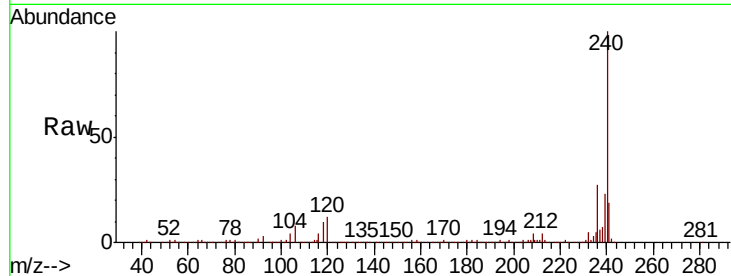




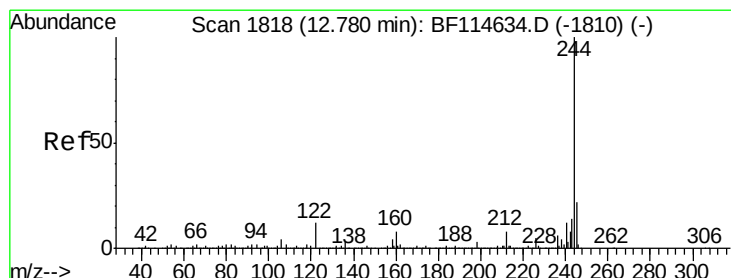
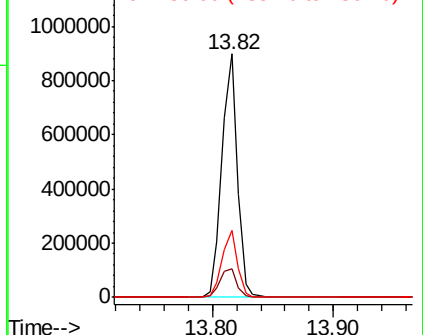
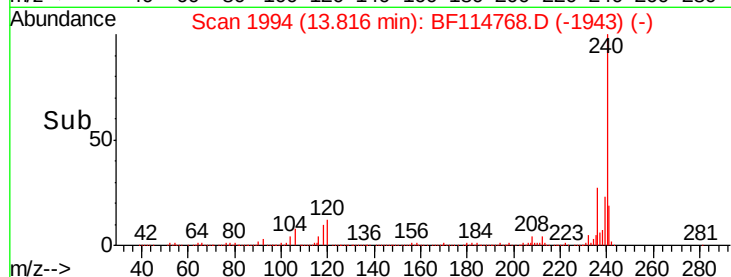
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tot Ion:240 Resp: 791782
Ion Ratio Lower Upper
240 100
120 11.6 11.2 16.8
236 27.4 21.2 31.8

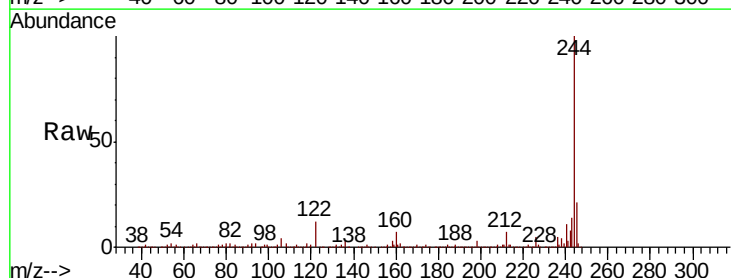


Abundance Ion 240.00 (239.70 to 240.70): E
1200000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

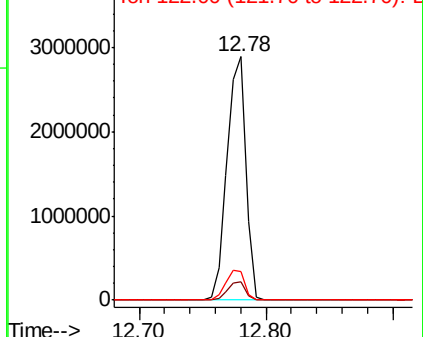
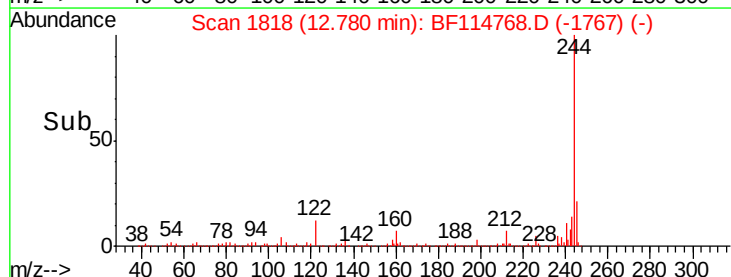


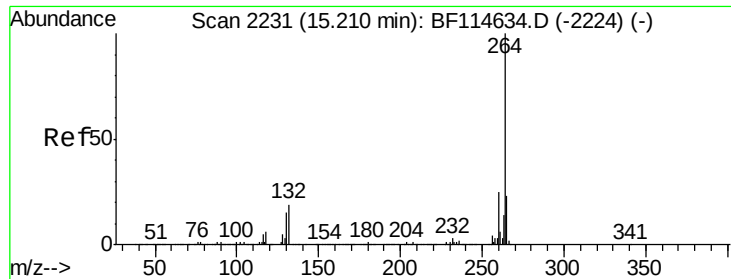
#79
Terphenyl-d14
Concen: 70.536 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Tgt Ion:244 Resp: 2970481
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
4000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF114768.D
Acq: 1 Jun 2019 21:09

Instrument :
BNA_F
ClientSampleId :
TP-25-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.8	18.1	27.1

