

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112171.D
 Acq On : 21 Jan 2019 21:03
 Operator : JU/SJ
 Sample : K1202-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 990

Quant Time: Jan 22 01:15:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

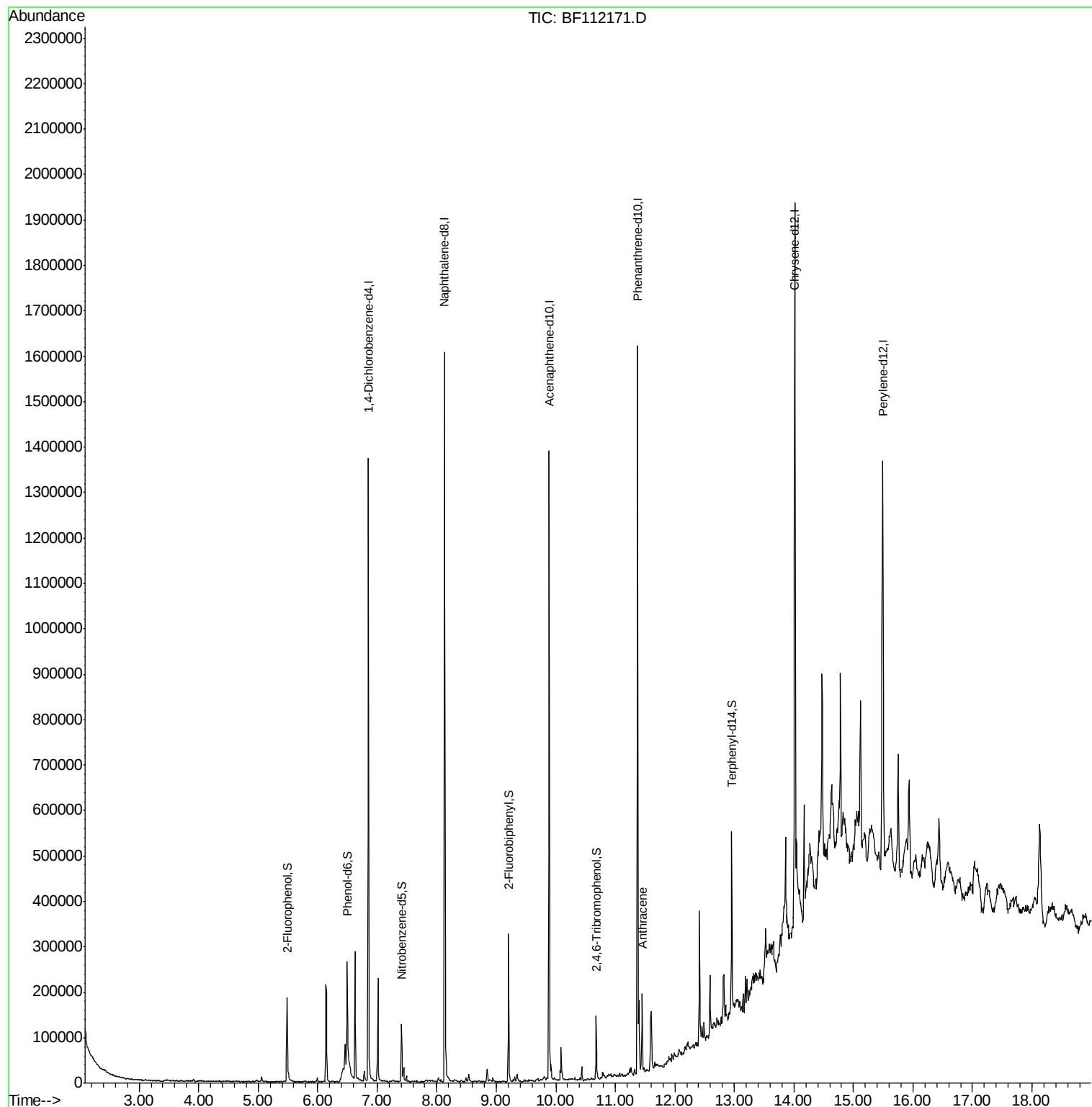
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	208235	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	704684	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	287071	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	557295	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	510130	20.00	ng	-0.01
87) Perylene-d12	15.49	264	373115	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	66302	5.78	ng	0.00
7) Phenol-d6	6.49	99	84979	5.92	ng	-0.01
23) Nitrobenzene-d5	7.41	82	43526	4.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	19068	6.16	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	104297	5.33	ng	-0.01
79) Terphenyl-d14	12.96	244	132567	5.53	ng	-0.01
Target Compounds						
72) Anthracene	11.45	178	69138	2.434	ng	Qvalue 97

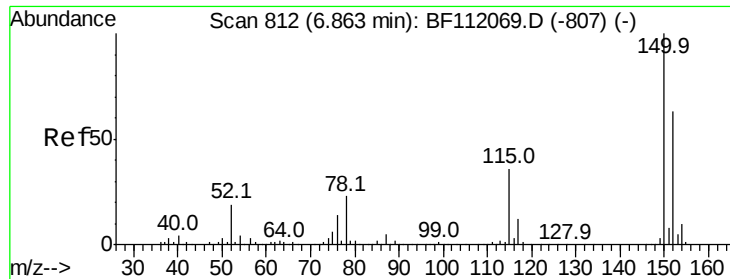
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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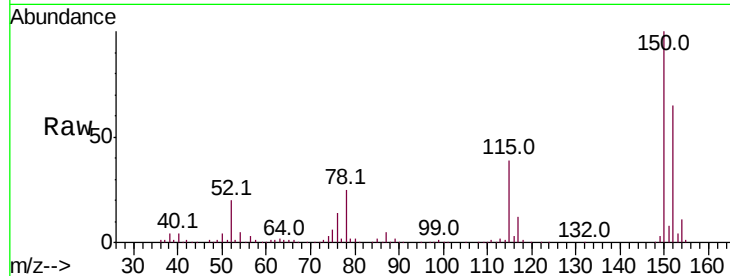


#1

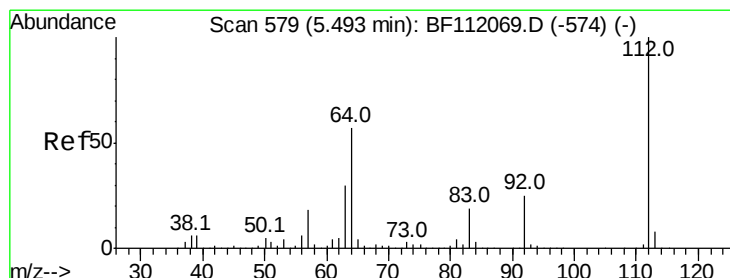
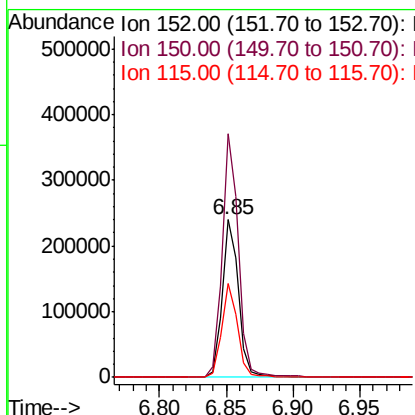
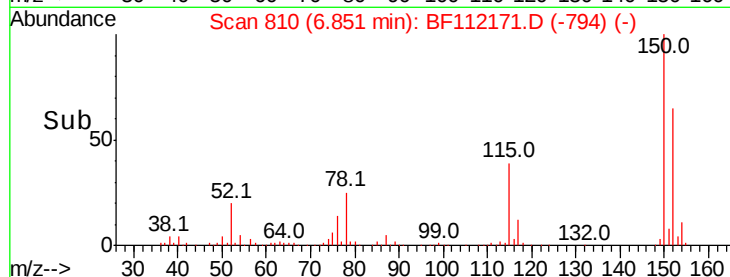
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
990

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	127.4	191.0
115	59.6	45.5	68.3



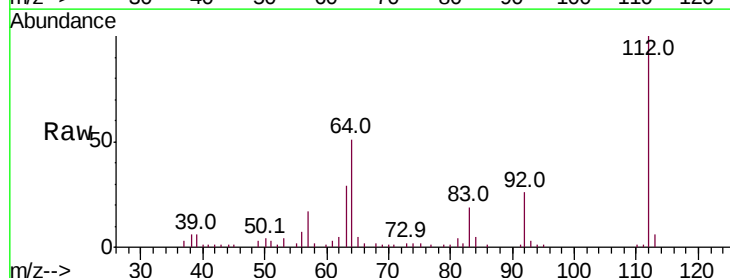
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



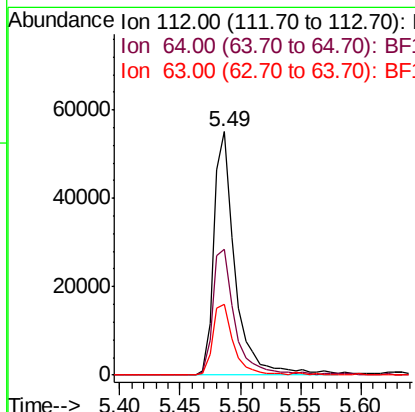
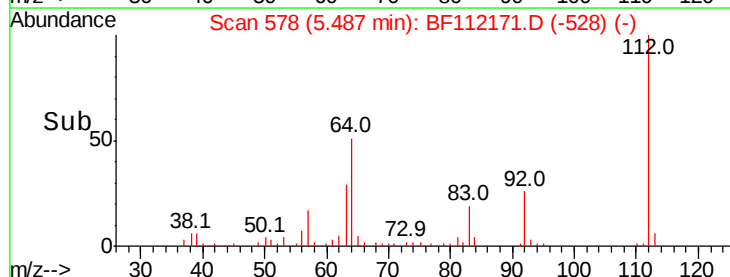
#5

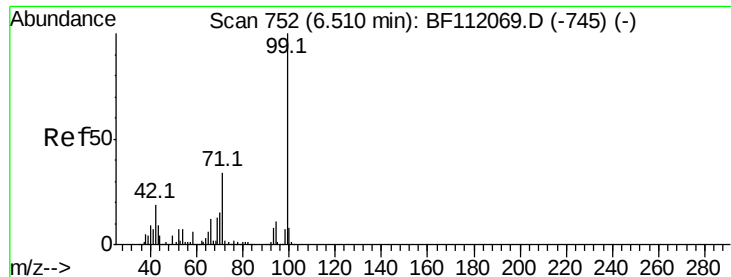
2-Fluorophenol
Concen: 5.779 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	45.7	68.5
63	29.3	23.6	35.4



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: 5.920 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112171.D

Acq: 21 Jan 2019 21:03

Instrument :

BNA_F

ClientSampleId :

990

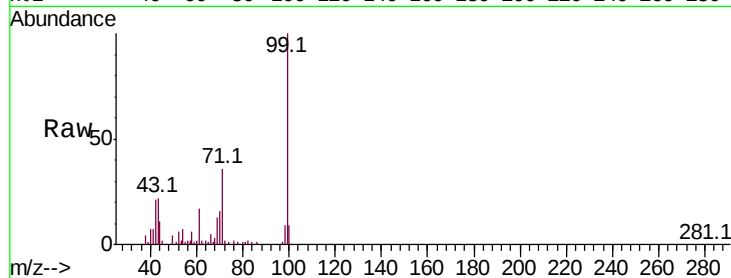
Tot Ion: 99 Resp: 84979

Ion Ratio Lower Upper

99 100

42 21.4 15.1 22.7

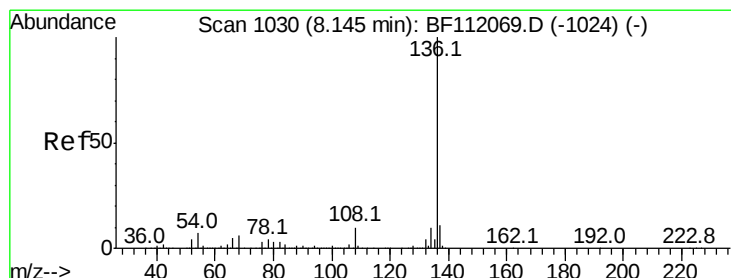
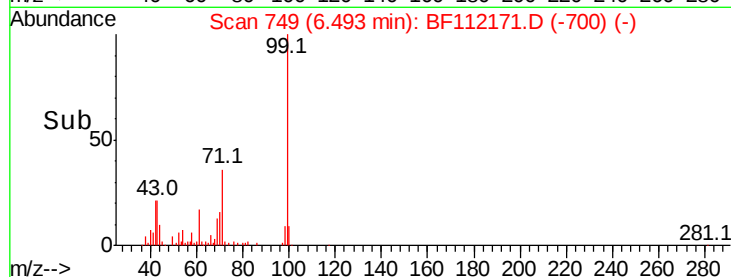
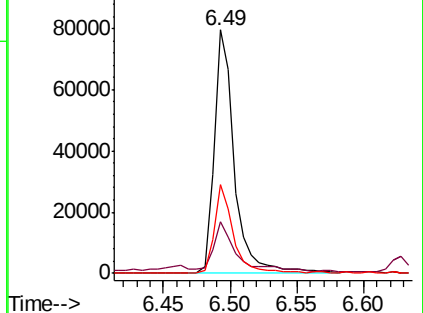
71 36.5 26.9 40.3



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: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112171.D

Acq: 21 Jan 2019 21:03

Tgt Ion: 136 Resp: 704684

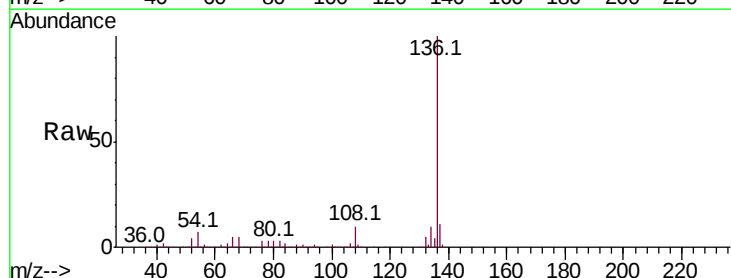
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.1 5.9 8.9

68 5.4 5.1 7.7

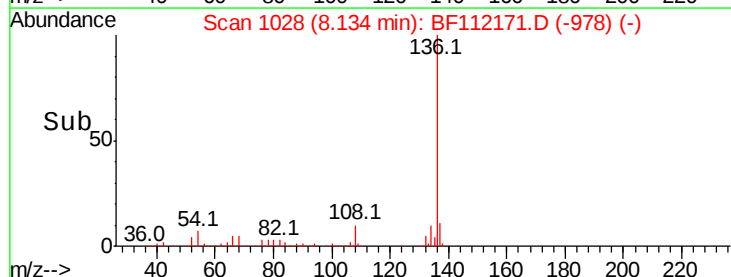
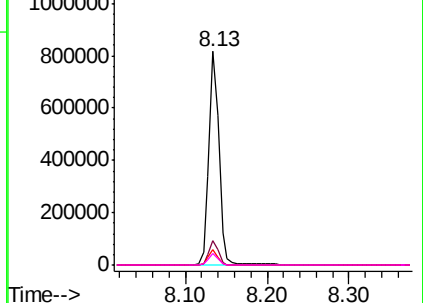


Abundance Ion 136.00 (135.70 to 136.70): E

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

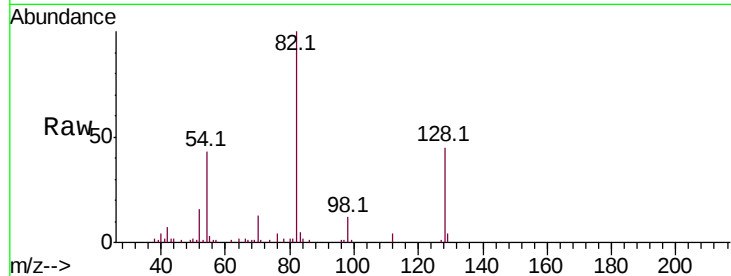




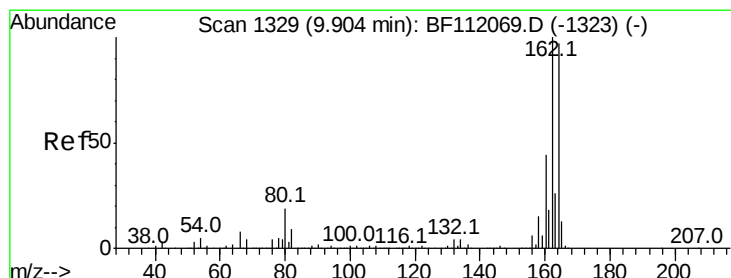
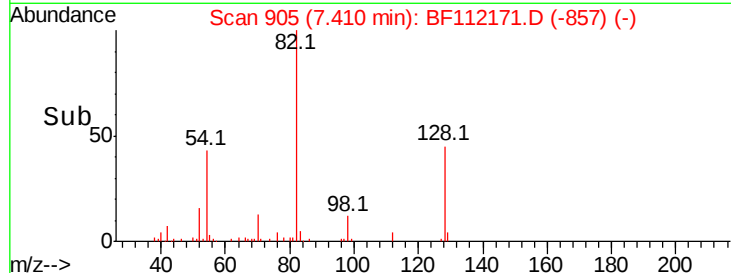
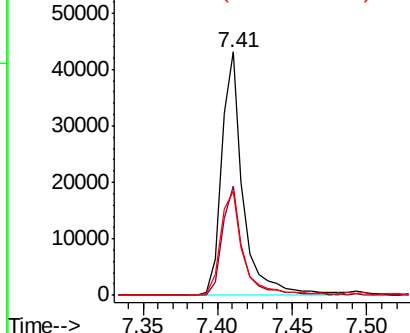
#23
Nitrobenzene-d5
Concen: 4.267 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Instrument :
BNA_F
ClientSampleId :
990

Tot Ion	82	Resp	43526
Ion Ratio	Lower	Upper	
82	100		
128	45.0	37.8	56.8
54	42.7	39.7	59.5

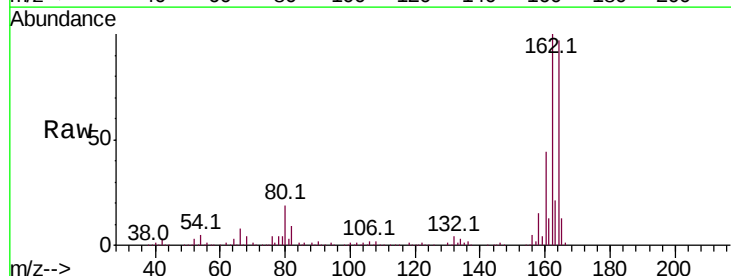


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

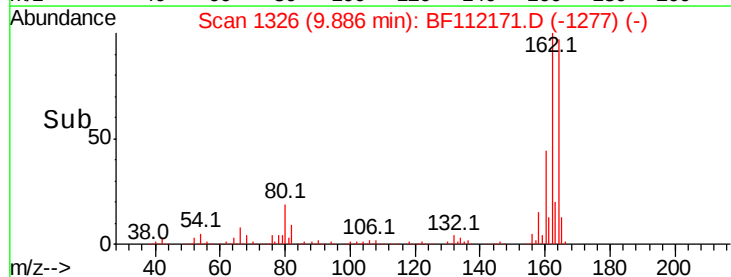
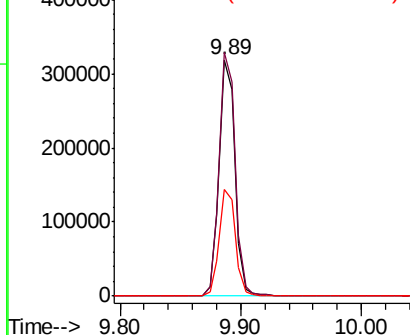


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Tgt Ion	164	Resp	287071
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.2	123.4
160	45.4	36.2	54.4



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

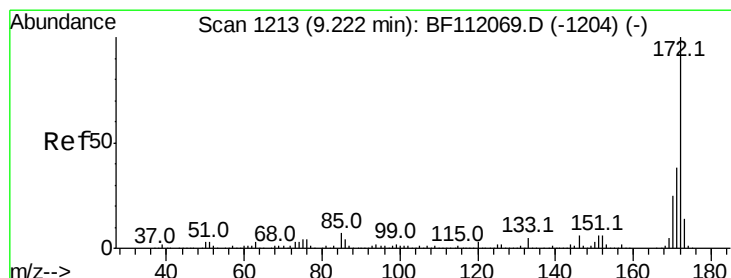
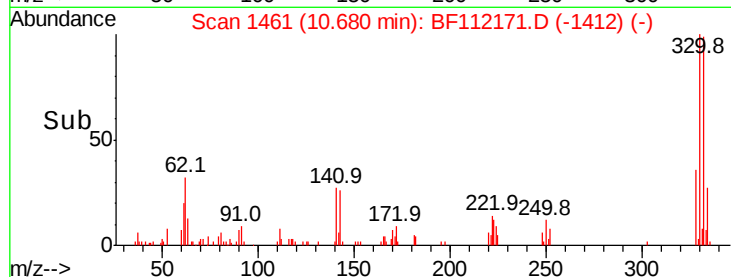
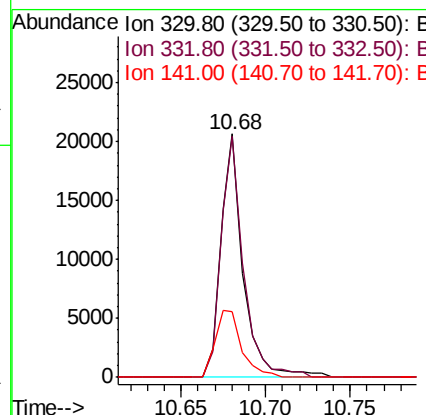
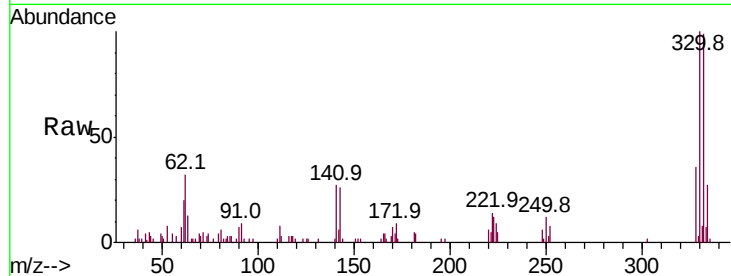




#42
 2,4,6-Tribromophenol
 Concen: 6.157 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

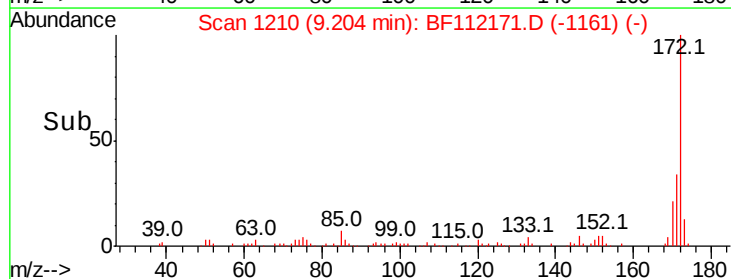
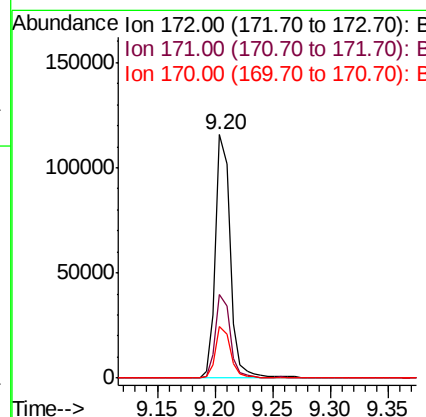
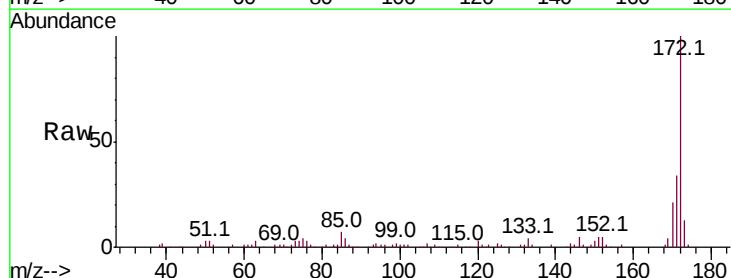
Instrument :
 BNA_F
 ClientSampled :
 990

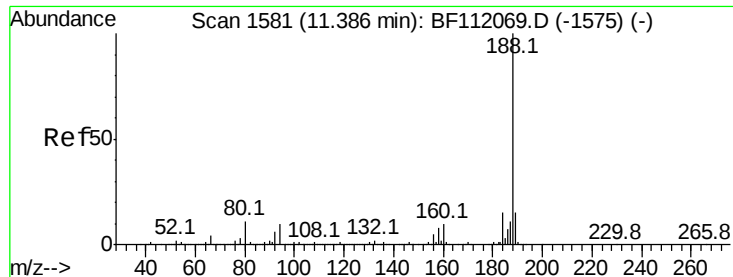
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.6	114.8
141	32.5	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 5.327 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.5	45.7
170	21.4	20.2	30.4

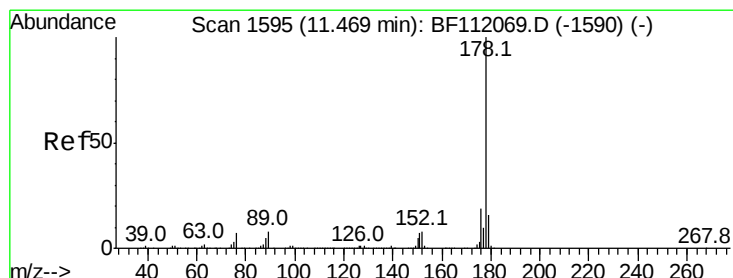
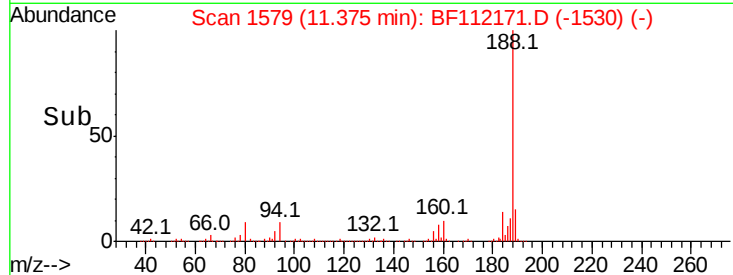
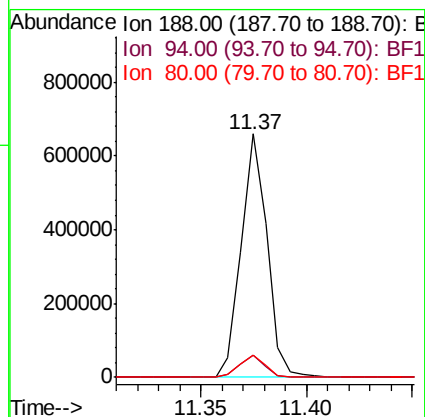
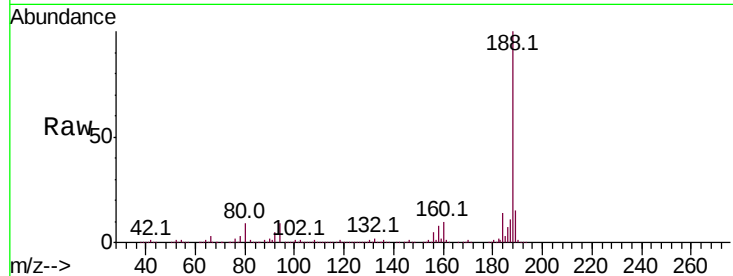




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

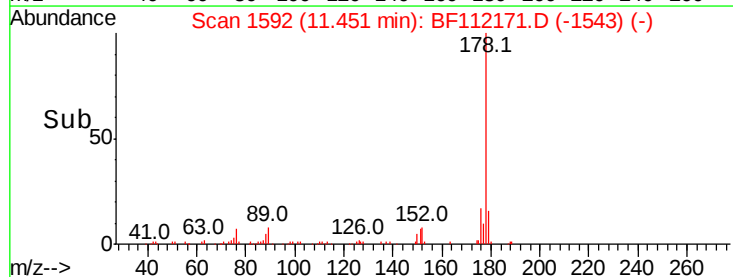
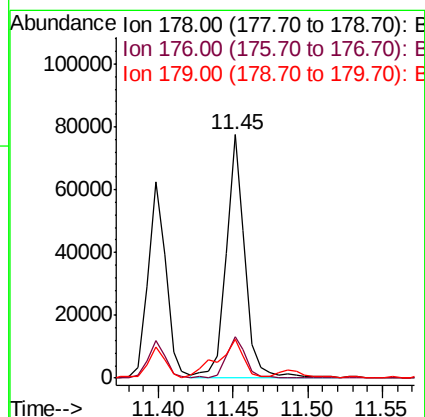
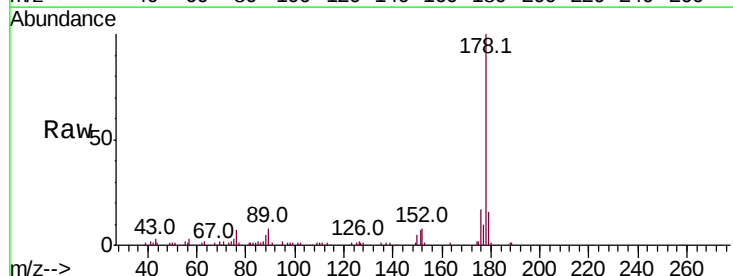
Instrument :
BNA_F
ClientSampleId :
990

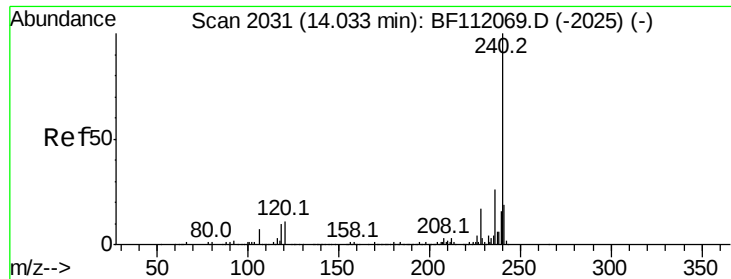
Tot Ion:188 Resp: 557295
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.3 8.9 13.3



#72
Anthracene
Concen: 2.434 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF112171.D
Acq: 21 Jan 2019 21:03

Tgt Ion:178 Resp: 69138
Ion Ratio Lower Upper
178 100
176 17.2 15.5 23.3
179 15.9 12.8 19.2

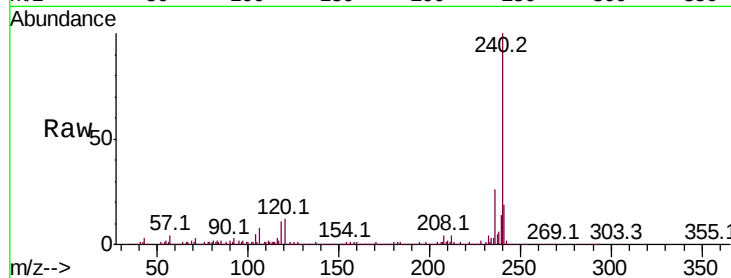




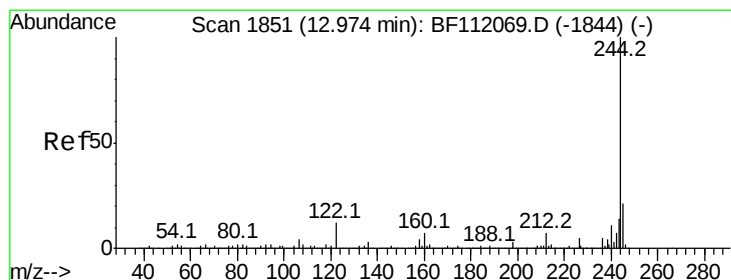
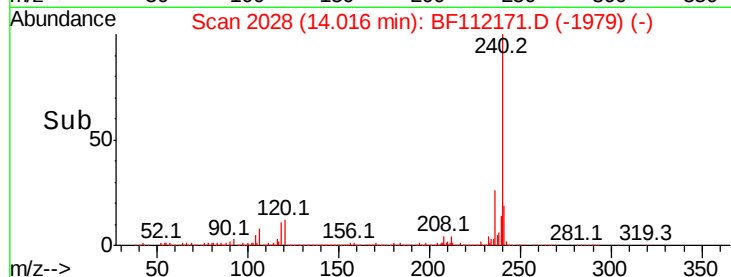
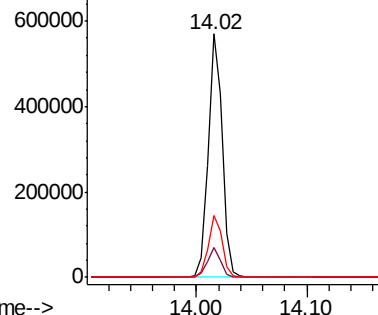
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 990

Tot Ion:240 Resp: 510130
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.0 13.6
 236 25.6 20.7 31.1

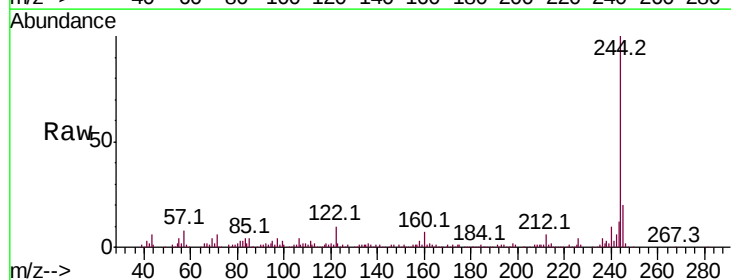


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

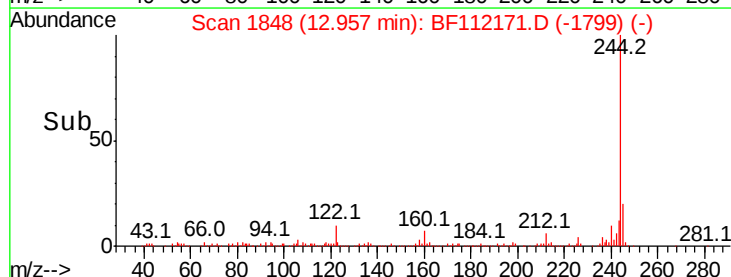
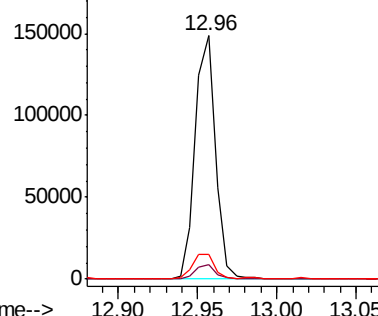


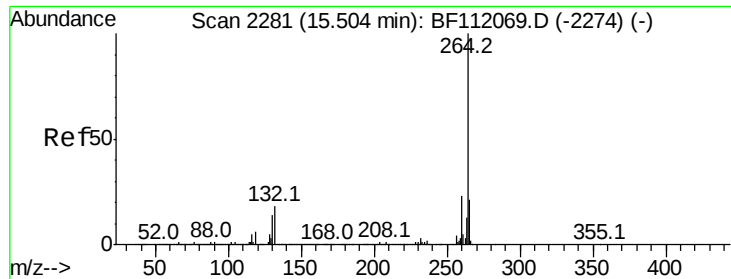
#79
 Terphenyl-d14
 Concen: 5.528 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Tgt Ion:244 Resp: 132567
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 10.0 9.8 14.6



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

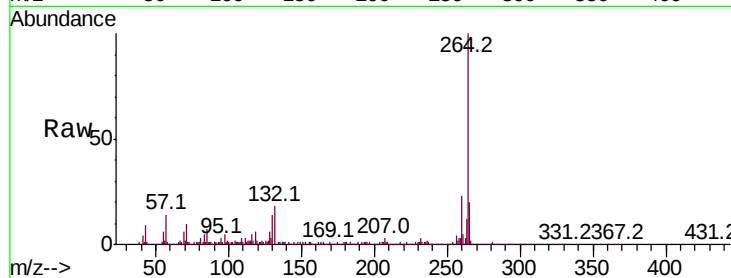




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF112171.D
 Acq: 21 Jan 2019 21:03

Instrument :
 BNA_F
 ClientSampleId :
 990

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	20.4	17.0	25.4



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

