

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
 Data File : BF112241.D
 Acq On : 25 Jan 2019 19:32
 Operator : JU/SJ
 Sample : K1238-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2

Quant Time: Jan 28 00:23:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

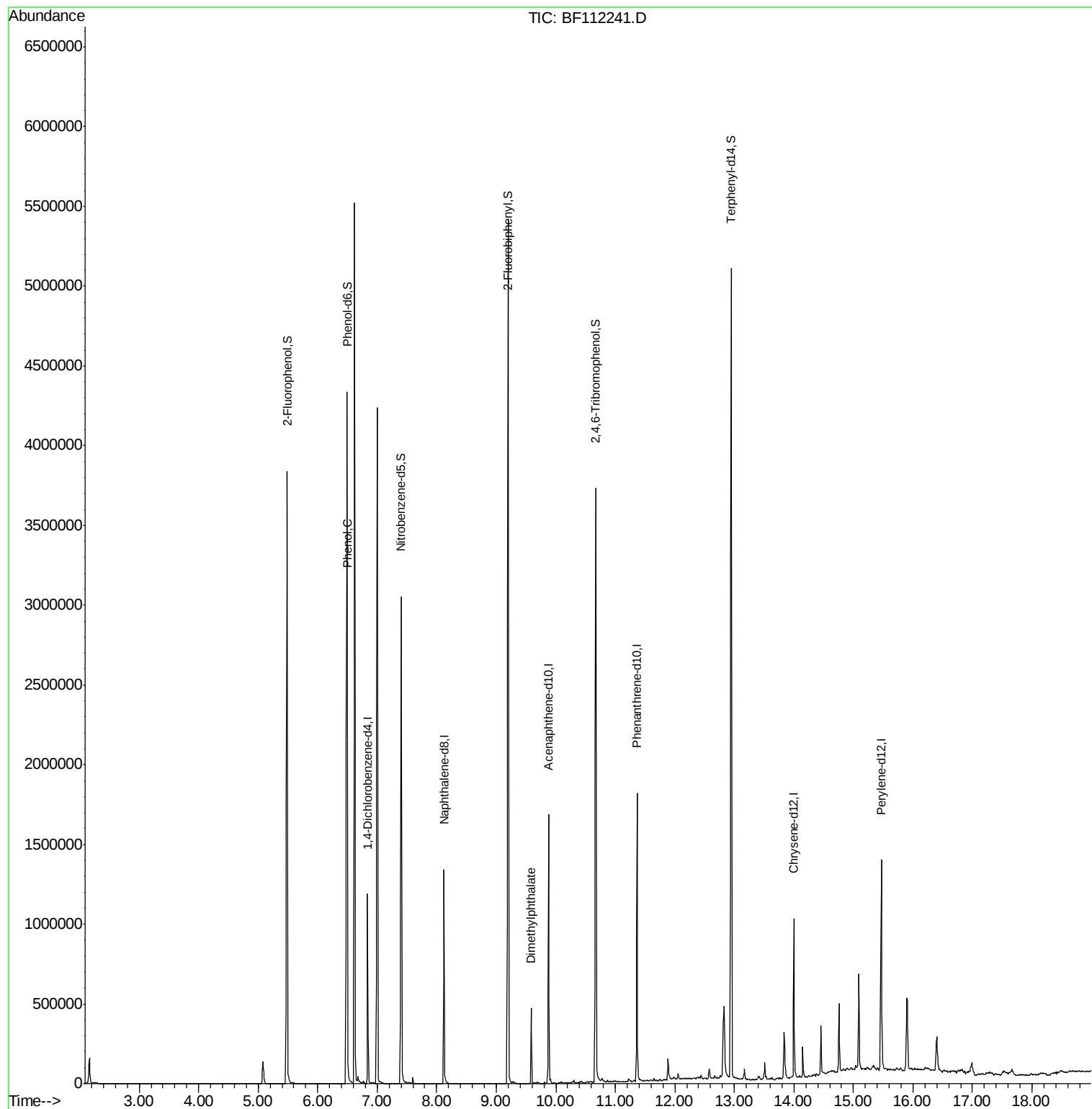
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	192890	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	655126	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	346368	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	631781	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	359482	20.00	ng	-0.02
87) Perylene-d12	15.46	264	365816	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1105165	121.70	ng	0.00
7) Phenol-d6	6.49	99	1766167	139.96	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1157322	101.79	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	517063	128.25	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1698644	69.36	ng	-0.01
79) Terphenyl-d14	12.95	244	1756439	92.03	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	45250	3.269	ng	79
50) Dimethylphthalate	9.59	163	188618	7.009	ng	99

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

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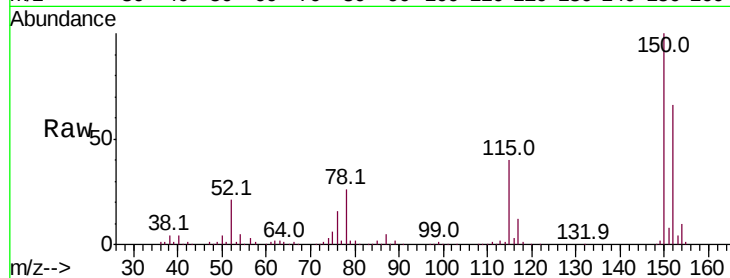


#1

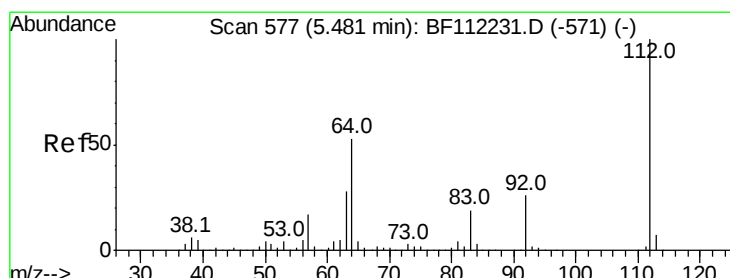
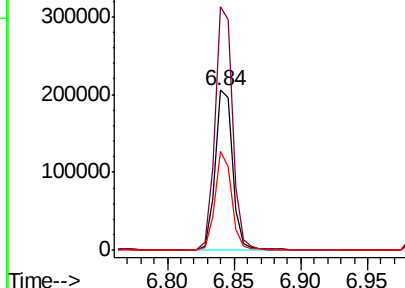
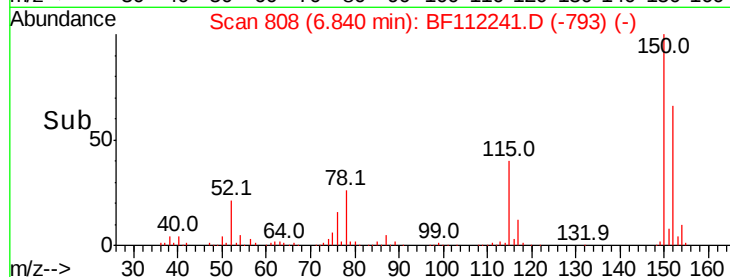
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampleId :
S2

Tot Ion:152 Resp: 192890
Ion Ratio Lower Upper
152 100
150 151.8 127.4 191.0
115 61.4 45.5 68.3



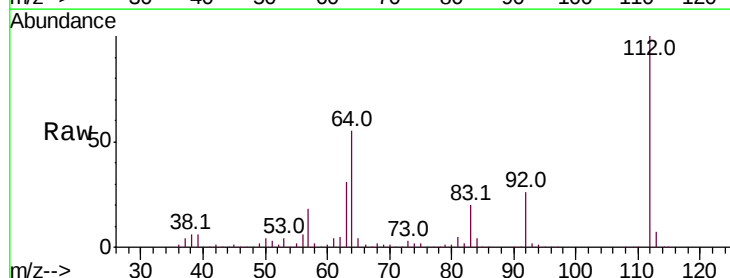
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



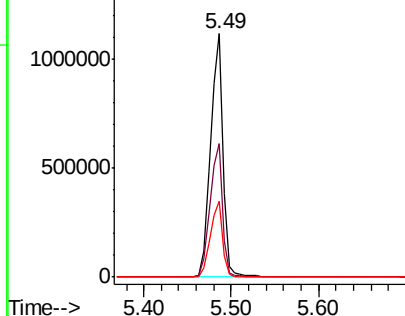
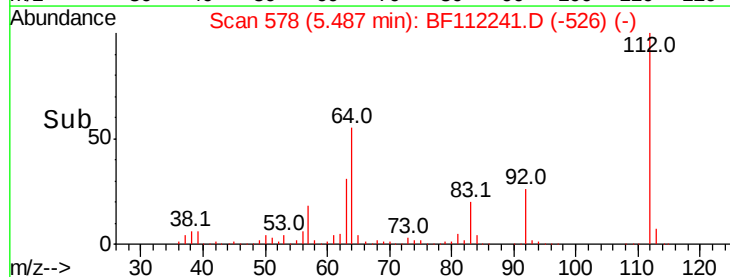
#5

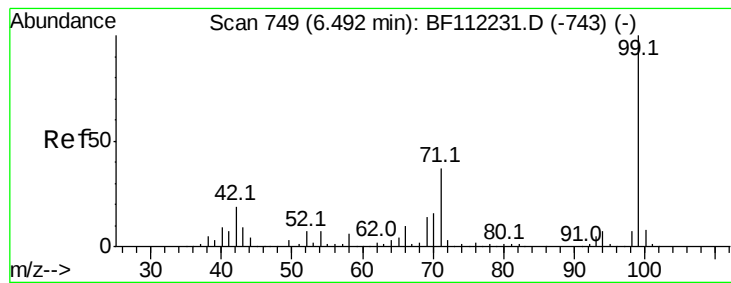
2-Fluorophenol
Concen: 121.699 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:112 Resp: 1105165
Ion Ratio Lower Upper
112 100
64 54.7 45.7 68.5
63 31.0 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: 139.964 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Instrument :

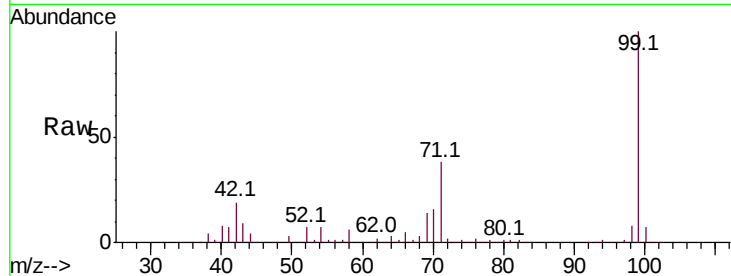
BNA_F

ClientSampleId :

S2

Tot Ion: 99 Resp: 1766167

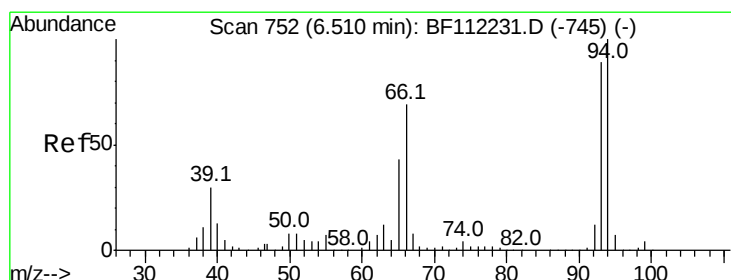
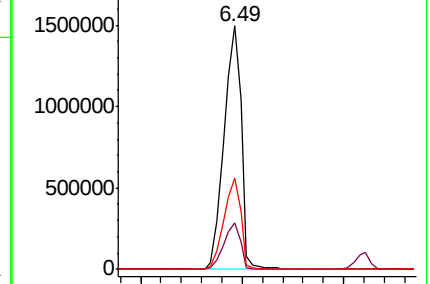
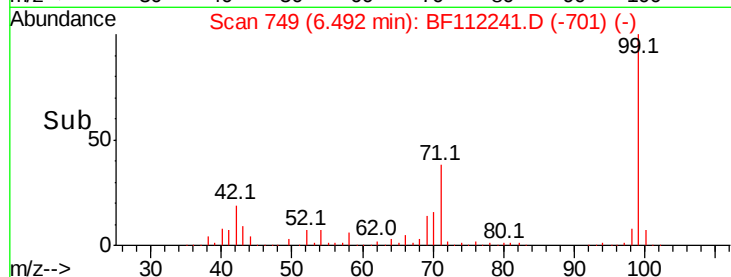
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	37.7	26.9	40.3



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



#10

Phenol

Concen: 3.269 ng

RT: 6.50 min Scan# 751

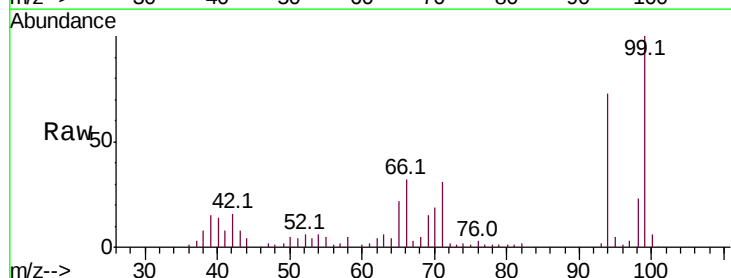
Delta R.T. -0.02 min

Lab File: BF112241.D

Acq: 25 Jan 2019 19:32

Tgt Ion: 94 Resp: 45250

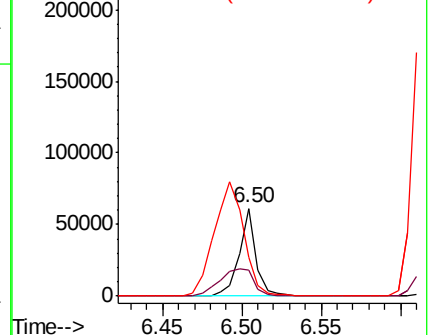
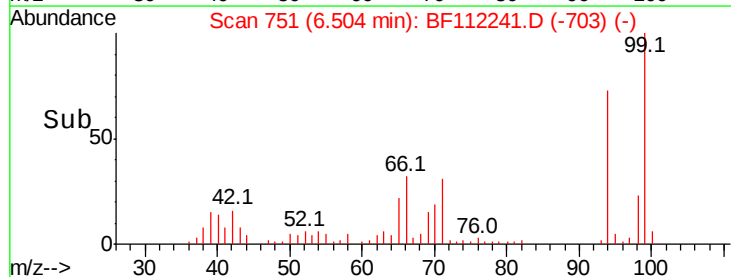
Ion	Ratio	Lower	Upper
94	100		
65	29.8	20.3	60.3
66	43.7	42.4	82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

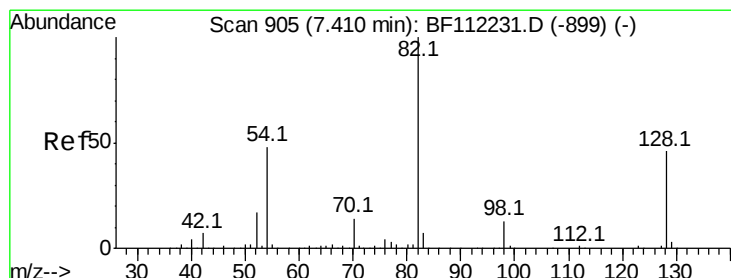
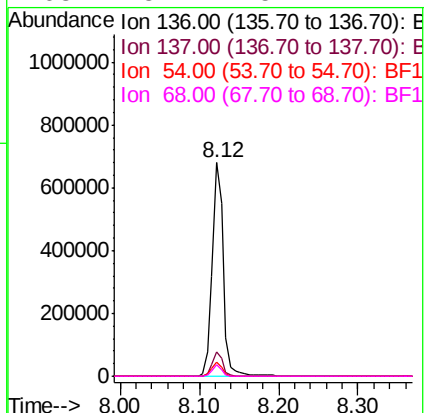
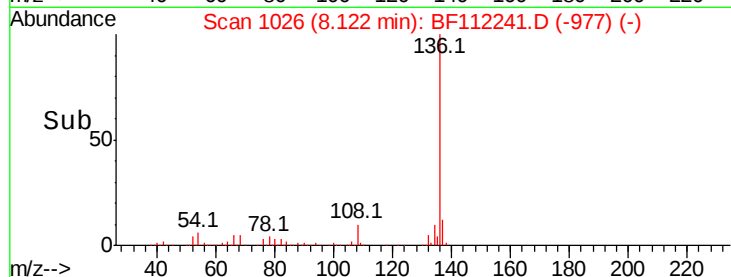
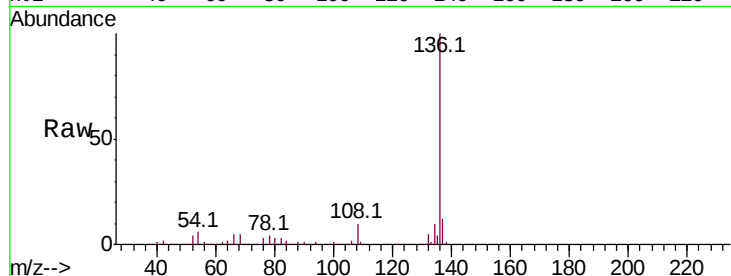




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

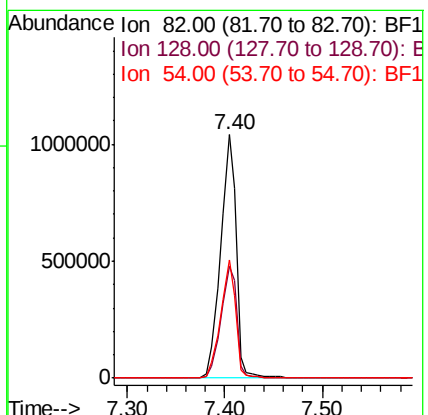
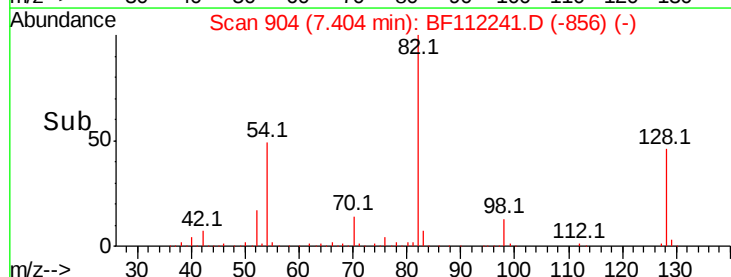
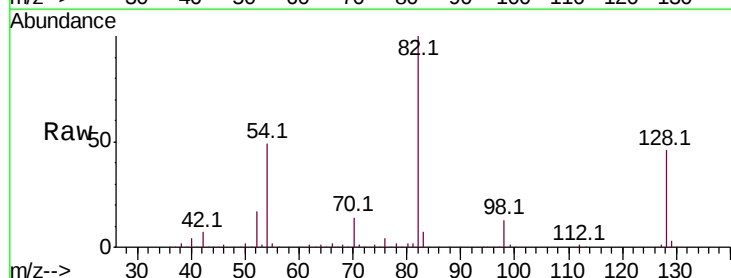
Instrument :
BNA_F
ClientSampleId :
S2

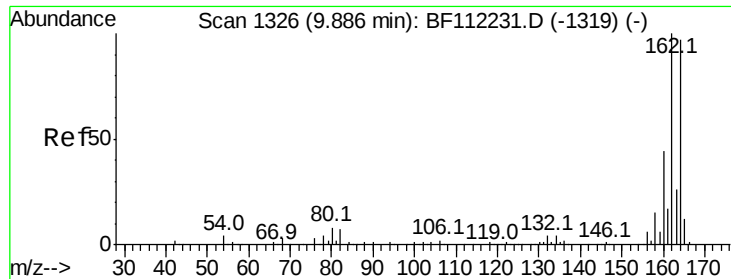
Tot Ion:136	Resp: 655126
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 6.4	5.9 8.9
68 5.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 101.789 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion: 82	Resp: 1157322
Ion Ratio	Lower Upper
82 100	
128 46.0	37.8 56.8
54 48.6	39.7 59.5

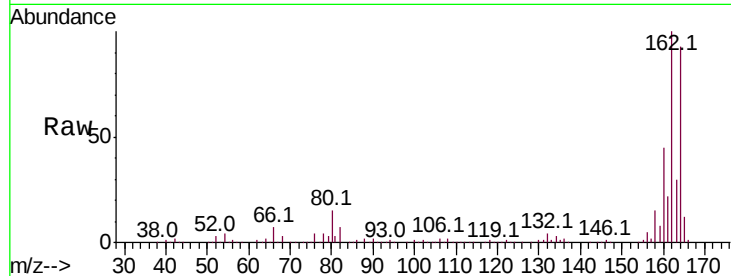




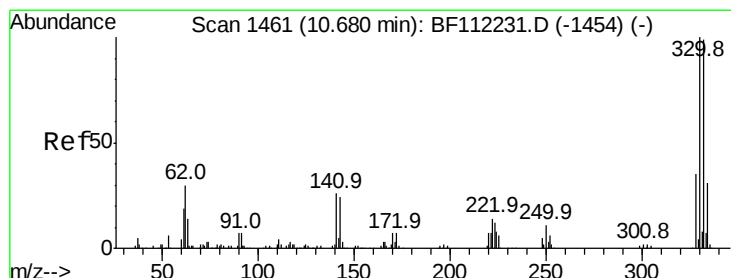
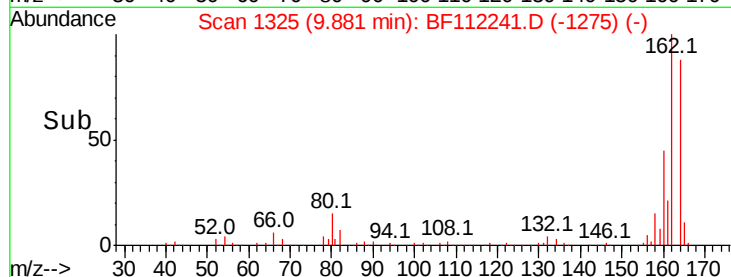
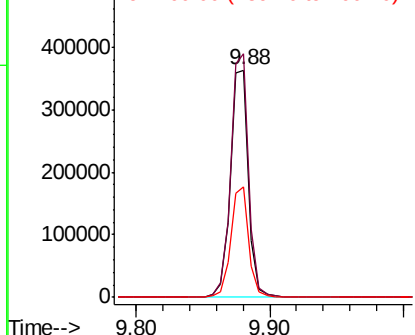
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Instrument :
BNA_F
ClientSampled :
S2

Tot Ion:164 Resp: 346368
Ion Ratio Lower Upper
164 100
162 107.0 82.2 123.4
160 48.7 36.2 54.4

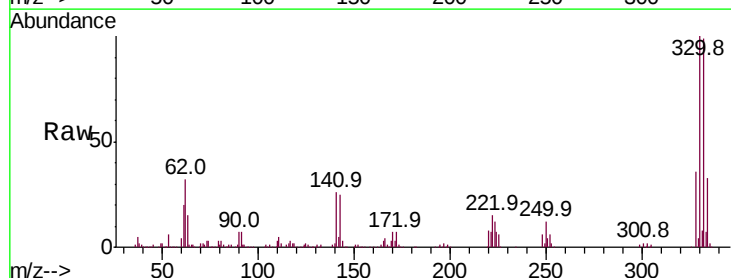


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

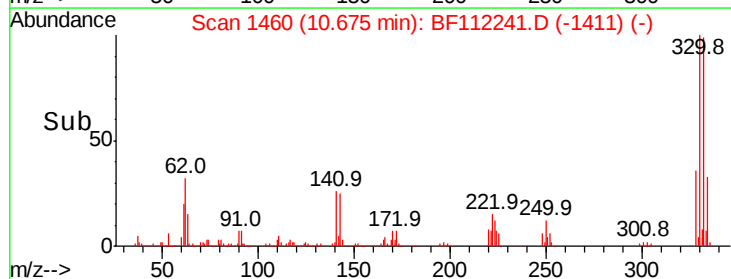
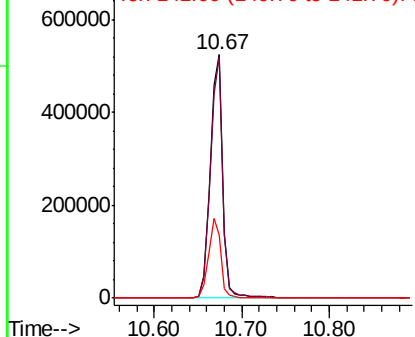


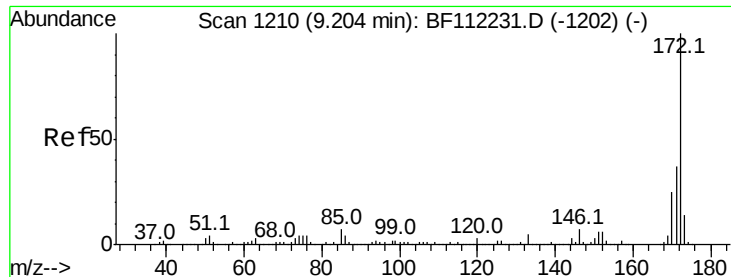
#42
2,4,6-Tribromophenol
Concen: 128.252 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:330 Resp: 517063
Ion Ratio Lower Upper
330 100
332 97.8 76.6 114.8
141 32.5 24.3 36.5



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

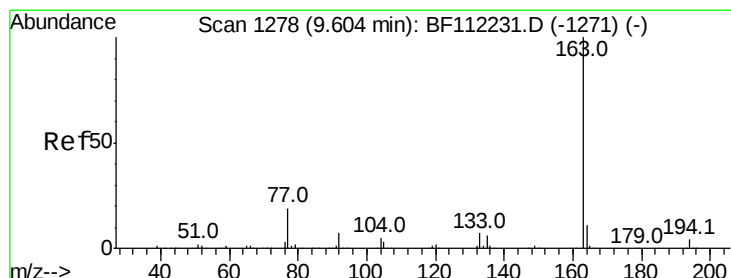
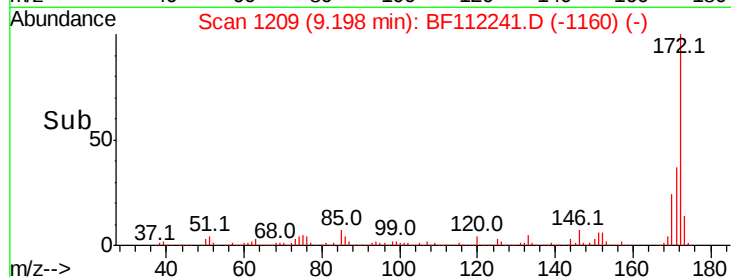
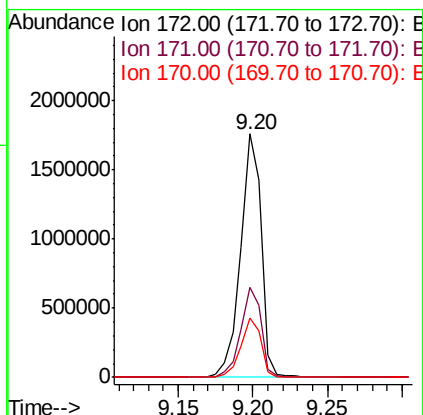
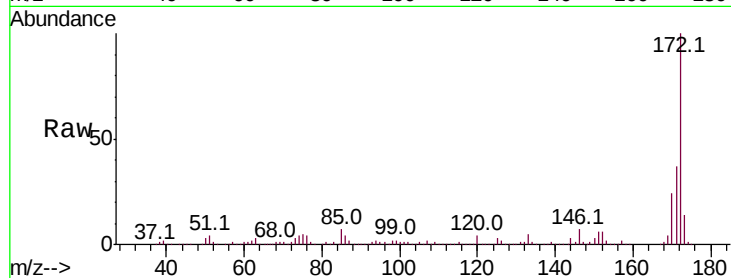




#45
2-Fluorobiphenyl
Concen: 69.361 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

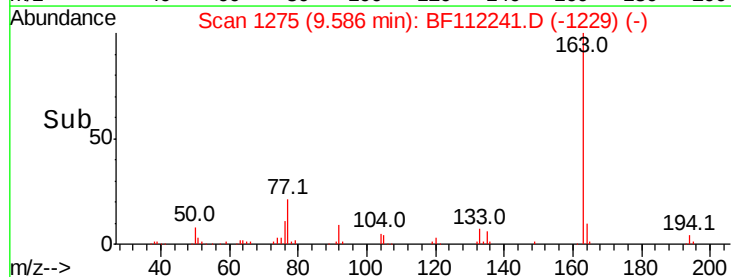
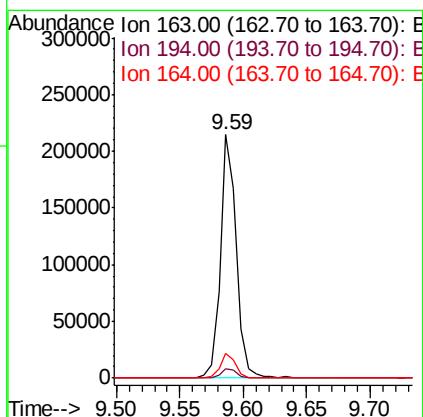
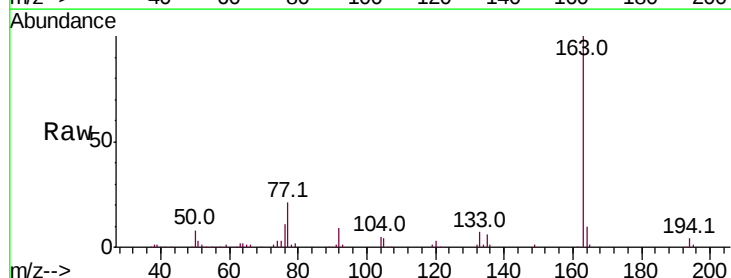
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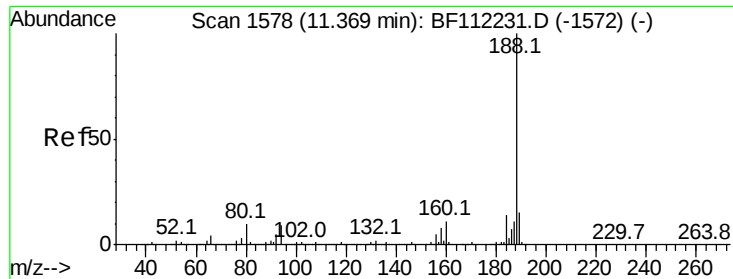
Tot Ion:172 Resp: 1698644
Ion Ratio Lower Upper
172 100
171 37.0 30.5 45.7
170 24.5 20.2 30.4



#50
Dimethylphthalate
Concen: 7.009 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:163 Resp: 188618
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.5 12.7

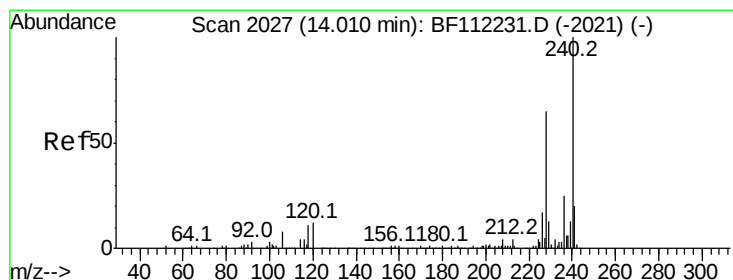
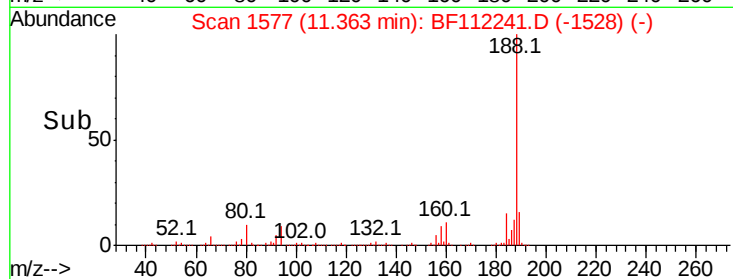
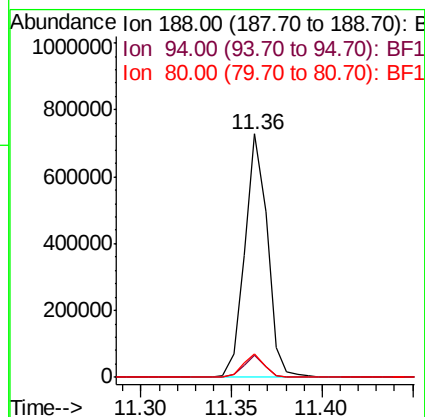
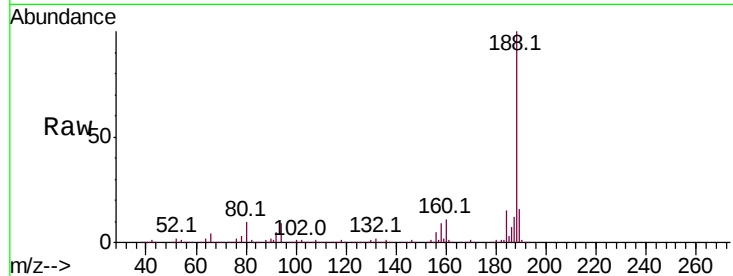




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

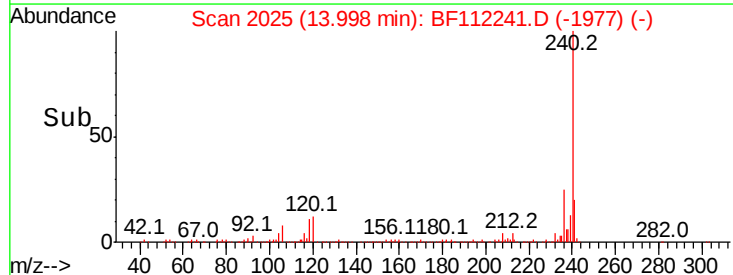
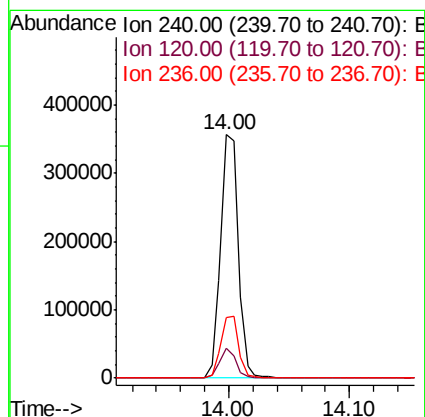
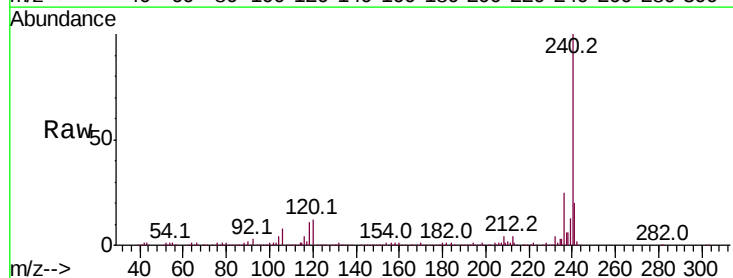
Instrument :
BNA_F
ClientSampleId :
S2

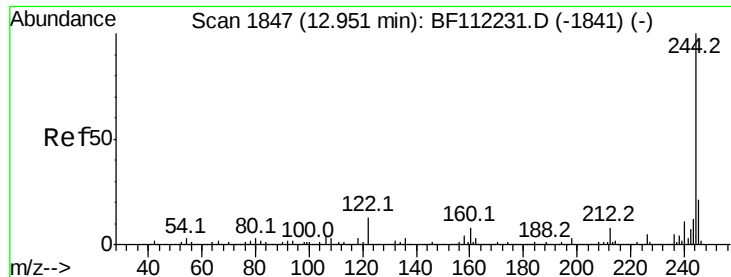
Tot Ion:188 Resp: 631781
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF112241.D
Acq: 25 Jan 2019 19:32

Tgt Ion:240 Resp: 359482
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.6
236 24.7 20.7 31.1

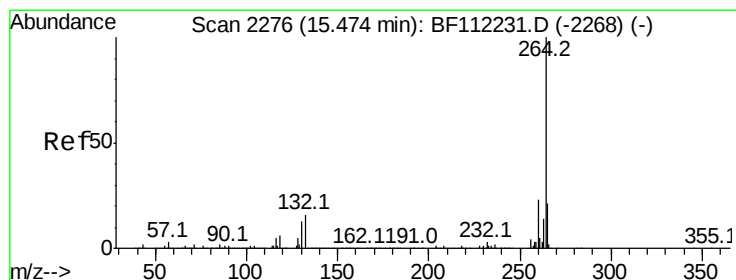
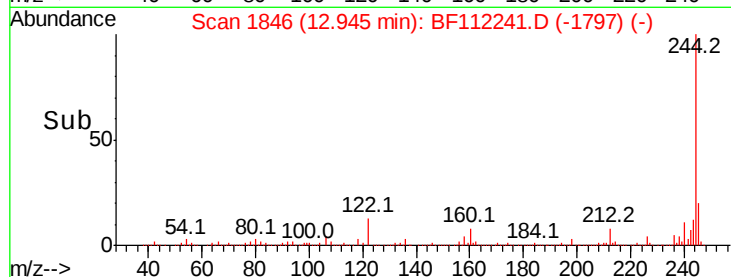
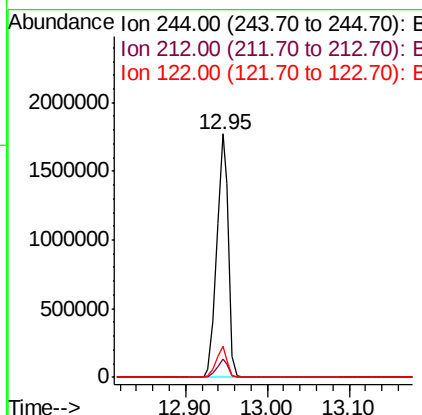
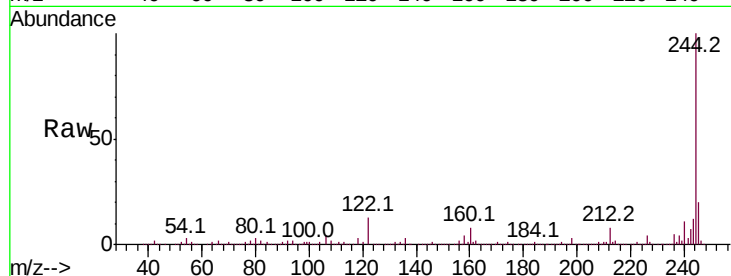




#79
 Terphenyl-d14
 Concen: 92.026 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112241.D
 Acq: 25 Jan 2019 19:32

Instrument :
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 ClientSampleId :
 S2

Tot Ion:244 Resp: 1756439
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 12.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112241.D
 Acq: 25 Jan 2019 19:32

Tgt Ion:264 Resp: 365816
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 21.2 17.0 25.4

