

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112550.D
 Acq On : 13 Feb 2019 20:33
 Operator : JU/SJ
 Sample : K1458-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Feb 14 06:50:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

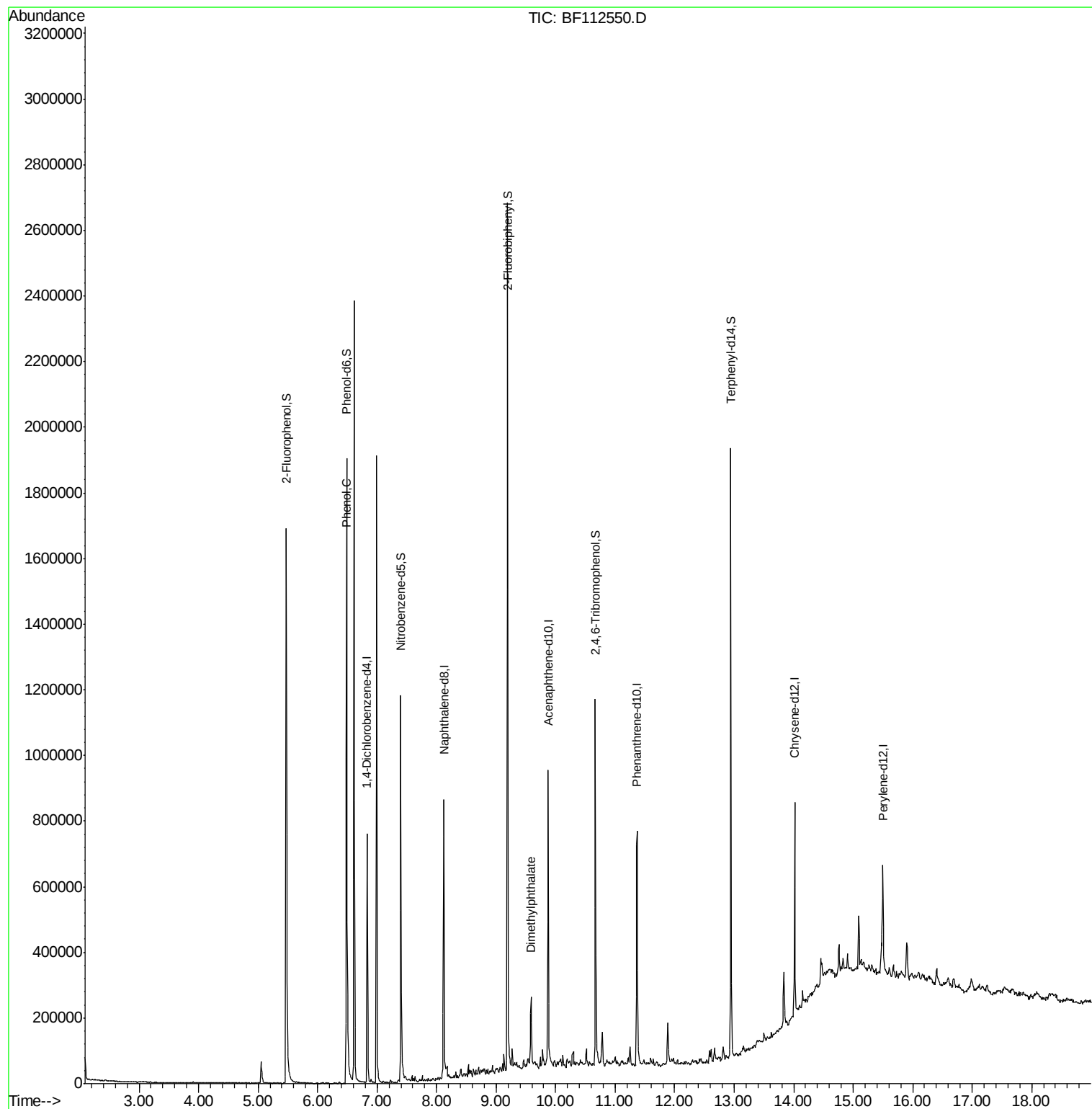
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	117182	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	436203	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	179322	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	288157	20.00	ng	0.00
76) Chrysene-d12	14.02	240	220971	20.00	ng	0.00
87) Perylene-d12	15.50	264	149103	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	567519	102.87	ng	0.00
7) Phenol-d6	6.49	99	711981	92.88	ng	0.00
23) Nitrobenzene-d5	7.40	82	424667	56.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	149305	71.53	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	777130	61.29	ng	-0.01
79) Terphenyl-d14	12.94	244	599447	51.09	ng	0.00
Target Compounds						
10) Phenol	6.50	94	26019	3.094	ng	89
50) Dimethylphthalate	9.59	163	60017	4.308	ng	98

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

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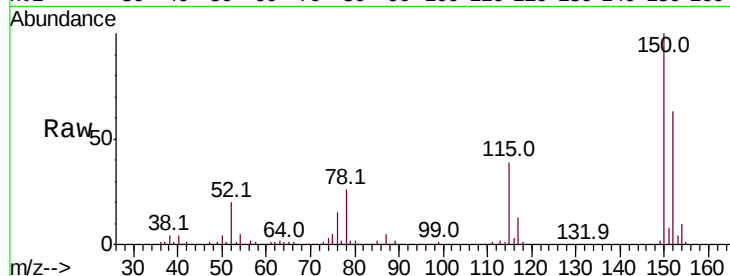


#1

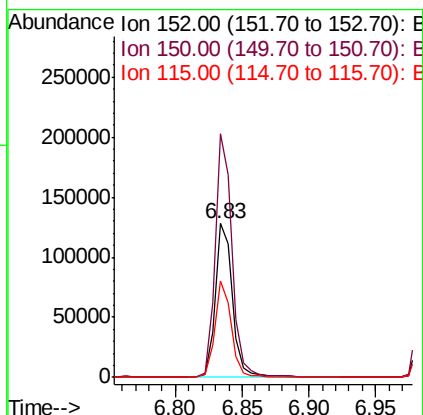
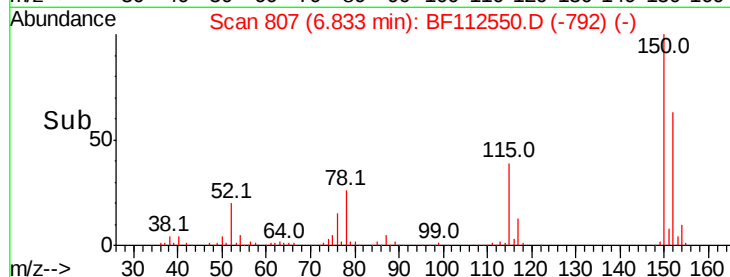
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112550.D
Acq: 13 Feb 2019 20:33

Instrument :
BNA_F
ClientSampleId :
SB-2

Tot Ion:152 Resp: 117182
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 62.4 45.5 68.3



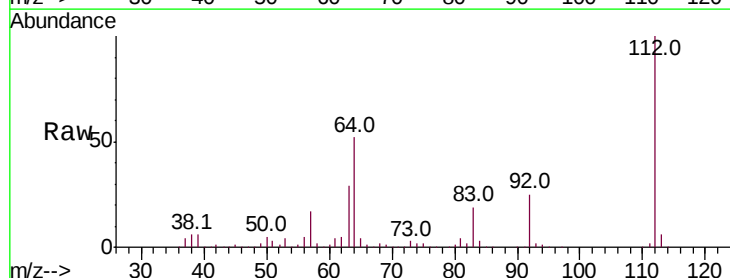
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



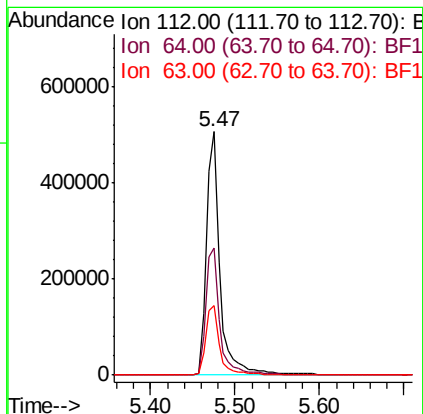
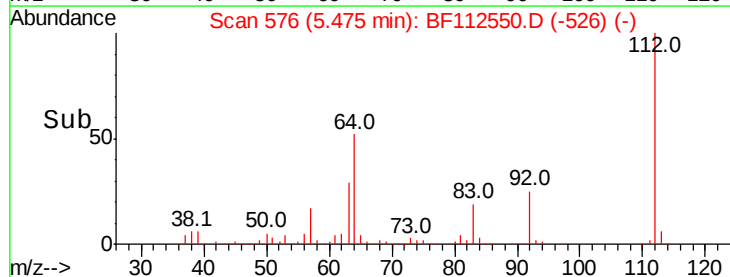
#5

2-Fluorophenol
Concen: 102.870 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112550.D
Acq: 13 Feb 2019 20:33

Tgt Ion:112 Resp: 567519
Ion Ratio Lower Upper
112 100
64 52.4 45.7 68.5
63 28.8 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: 92.875 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112550.D

Acq: 13 Feb 2019 20:33

Instrument :

BNA_F

ClientSampled :

SB-2

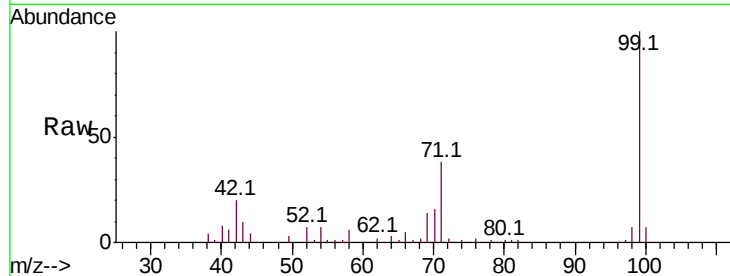
Tot Ion: 99 Resp: 711981

Ion Ratio Lower Upper

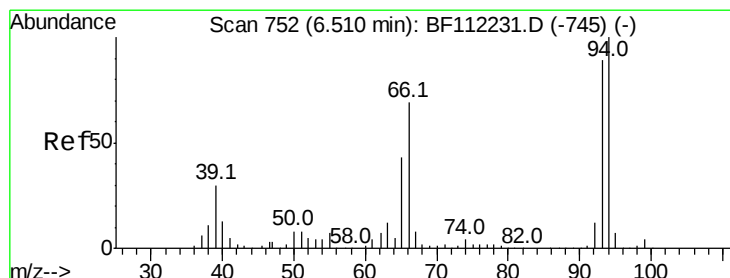
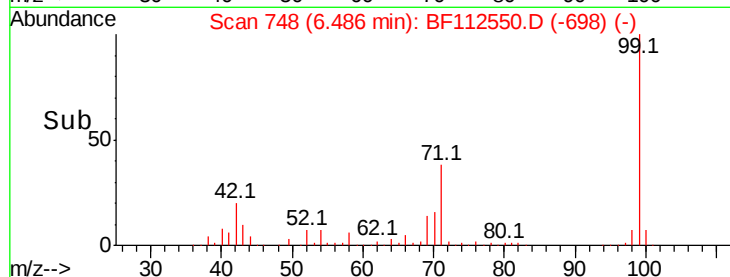
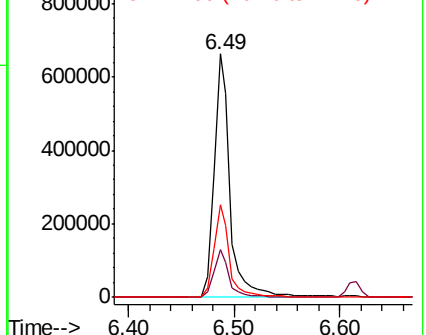
99 100

42 19.7 15.1 22.7

71 38.2 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: 3.094 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112550.D

Acq: 13 Feb 2019 20:33

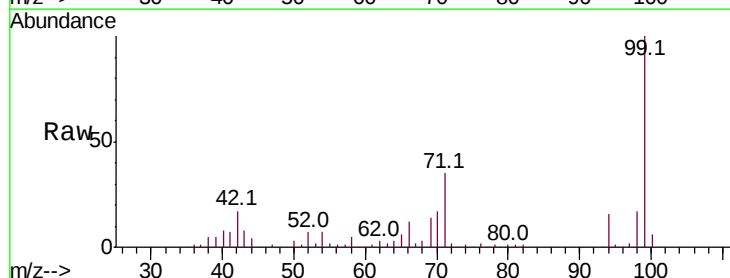
Tgt Ion: 94 Resp: 26019

Ion Ratio Lower Upper

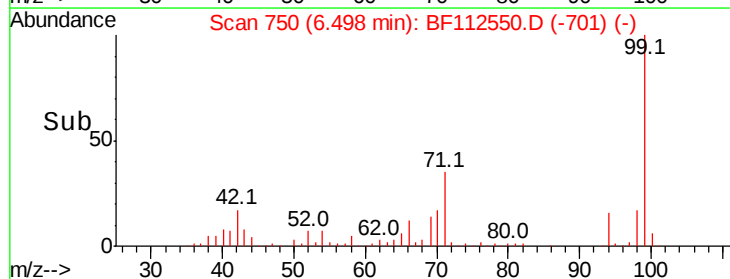
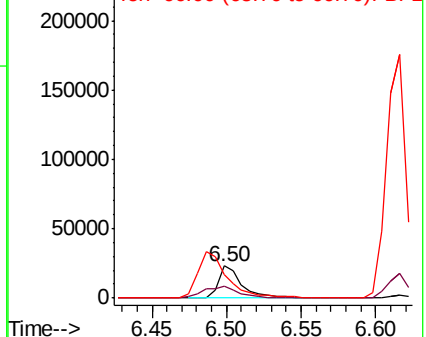
94 100

65 37.0 20.3 60.3

66 73.5 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: BF112550.D

Acq: 13 Feb 2019 20:33

Instrument :

BNA_F

ClientSampleId :

SB-2

Tot Ion:136 Resp: 436203

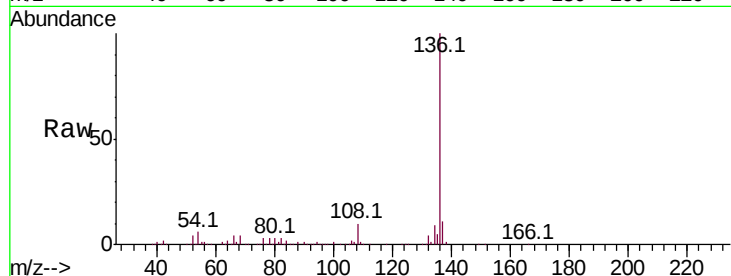
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.7 5.9 8.9#

68 3.8 5.1 7.7#

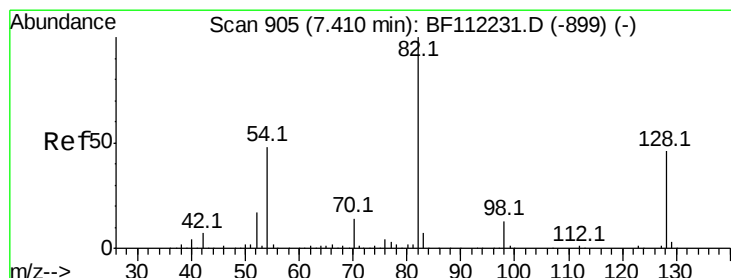
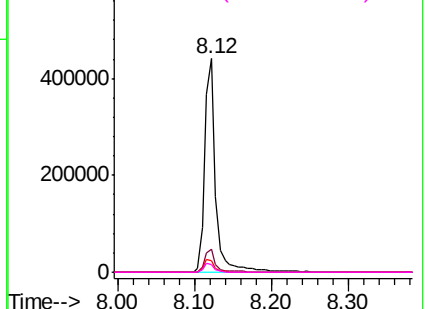
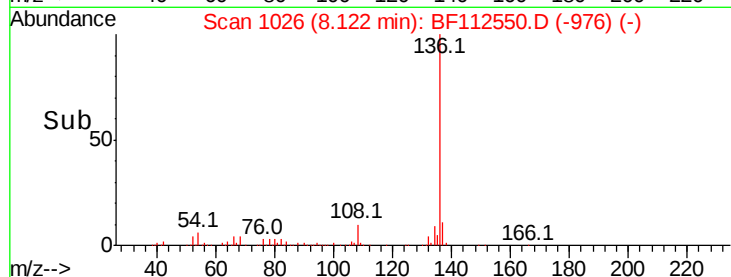


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.096 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112550.D

Acq: 13 Feb 2019 20:33

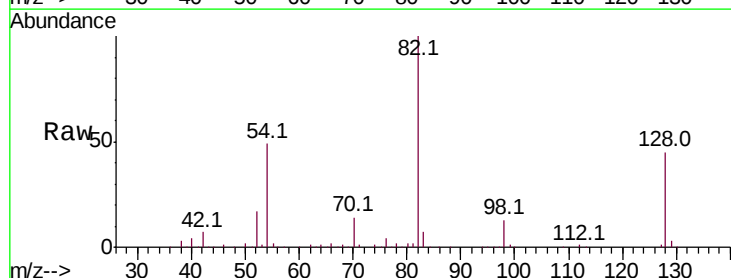
Tgt Ion: 82 Resp: 424667

Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

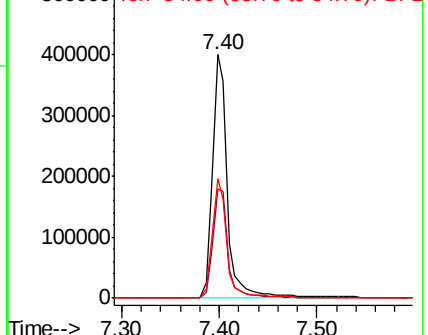
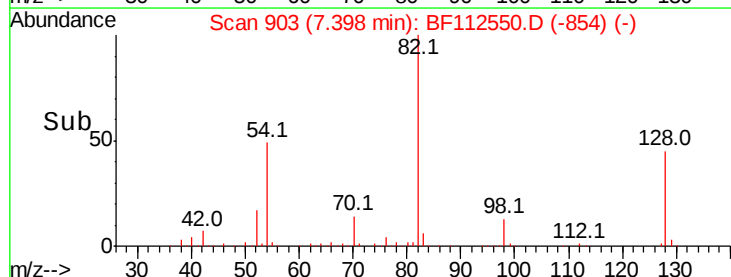
54 48.9 39.7 59.5

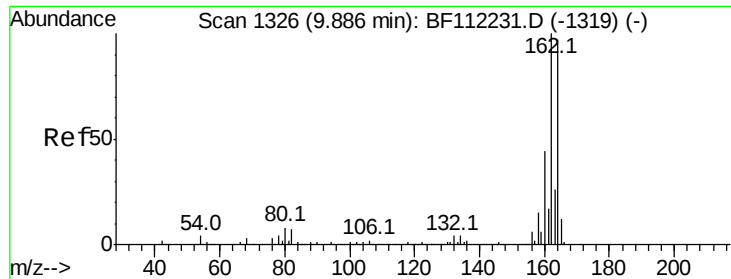


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

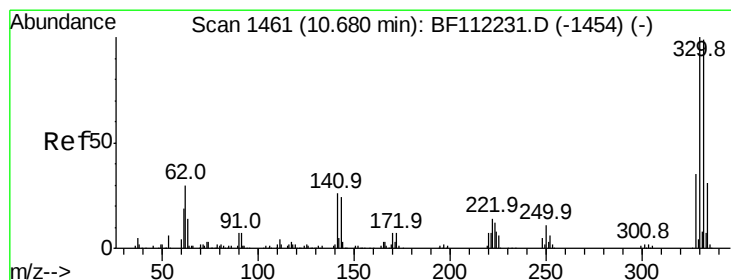
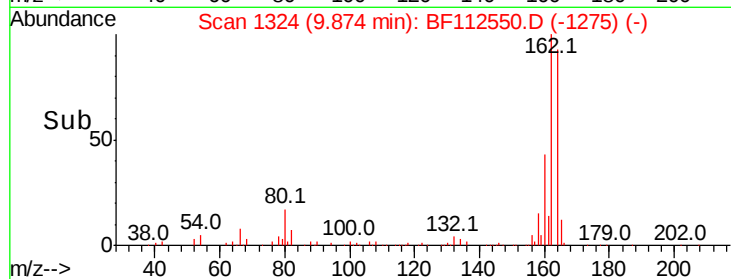
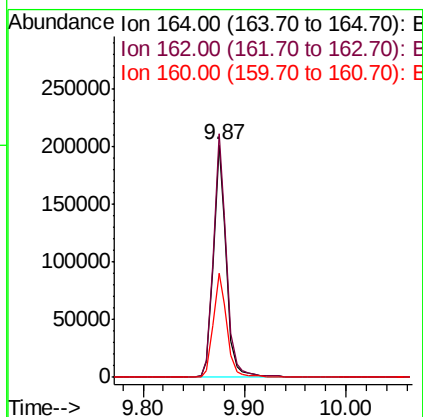
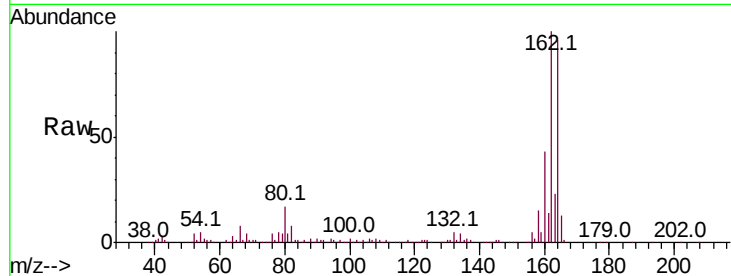




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112550.D
Acq: 13 Feb 2019 20:33

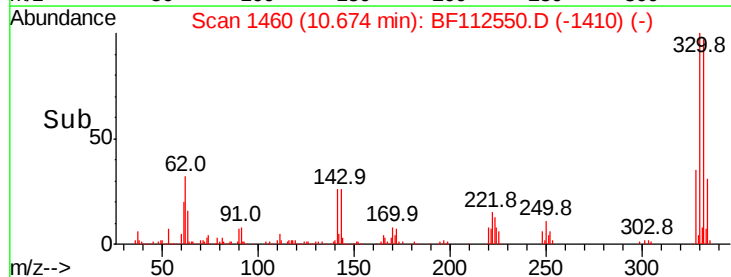
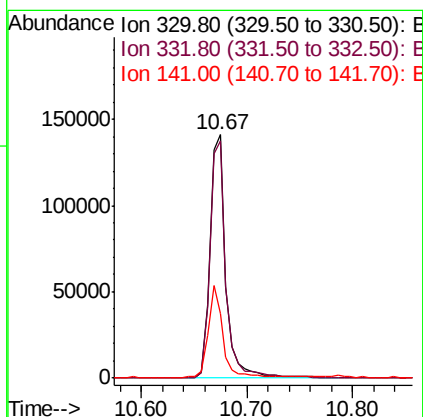
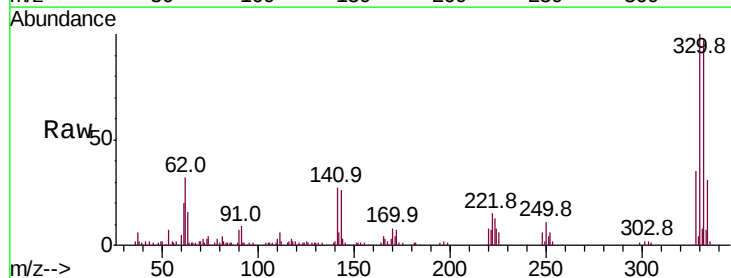
Instrument :
BNA_F
ClientSampleId :
SB-2

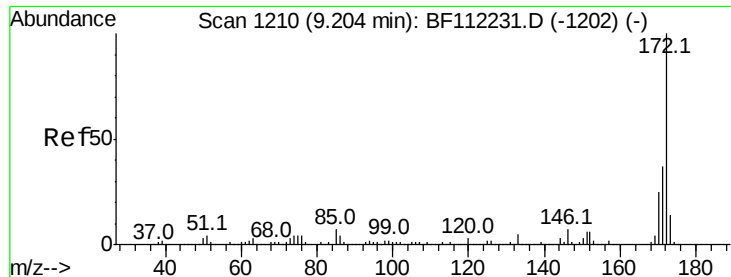
Tot Ion:164 Resp: 179322
Ion Ratio Lower Upper
164 100
162 104.7 82.2 123.4
160 44.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 71.532 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF112550.D
Acq: 13 Feb 2019 20:33

Tgt Ion:330 Resp: 149305
Ion Ratio Lower Upper
330 100
332 98.2 76.6 114.8
141 34.5 24.3 36.5



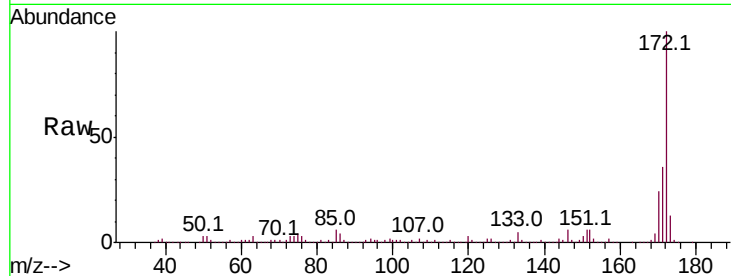


#45
 2-Fluorobiphenyl
 Concen: 61.293 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112550.D
 Acq: 13 Feb 2019 20:33

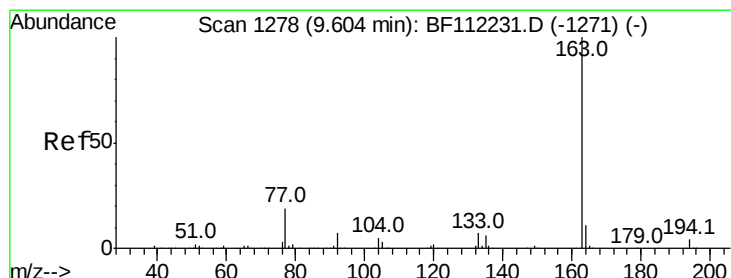
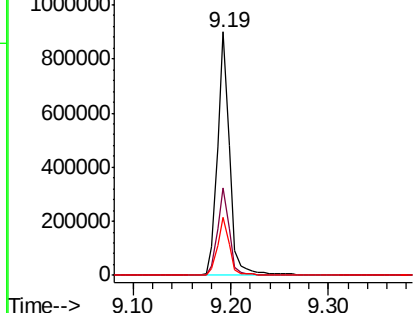
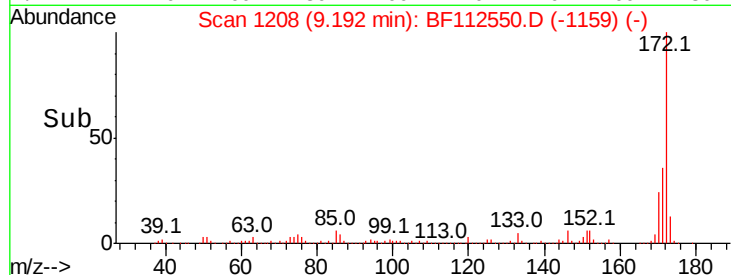
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tot Ion:172 Resp: 777130

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.5	45.7
170	23.8	20.2	30.4



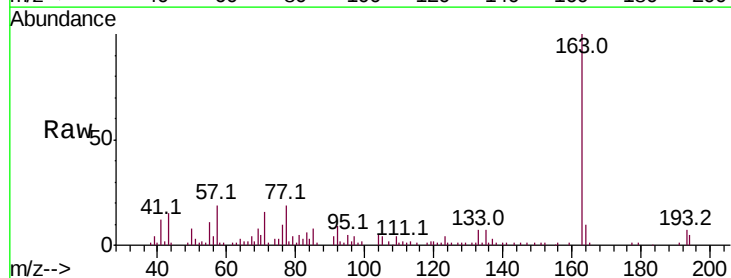
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



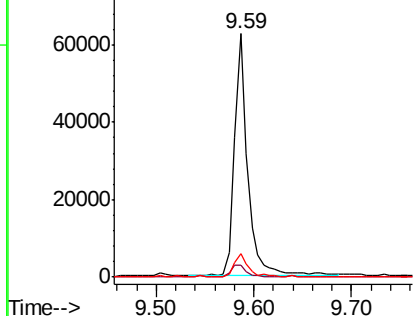
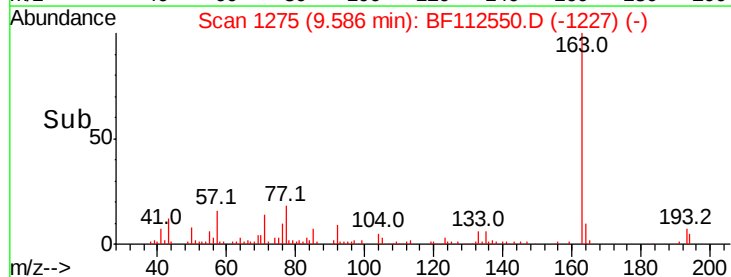
#50
 Dimethylphthalate
 Concen: 4.308 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF112550.D
 Acq: 13 Feb 2019 20:33

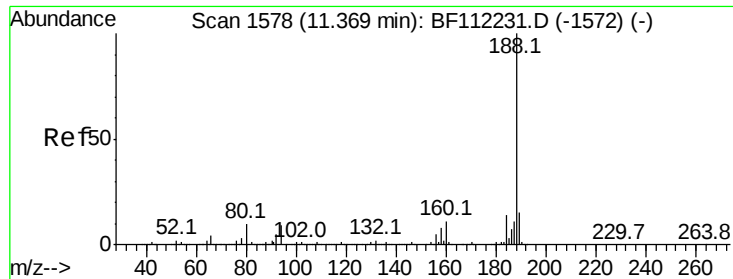
Tgt Ion:163 Resp: 60017

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.3	4.9
164	9.9	8.5	12.7



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

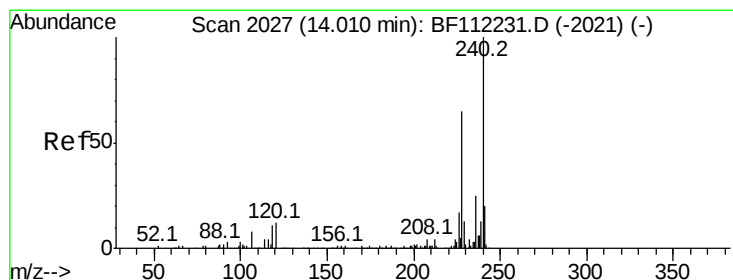
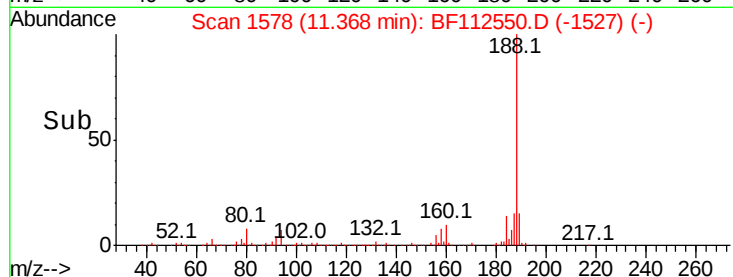
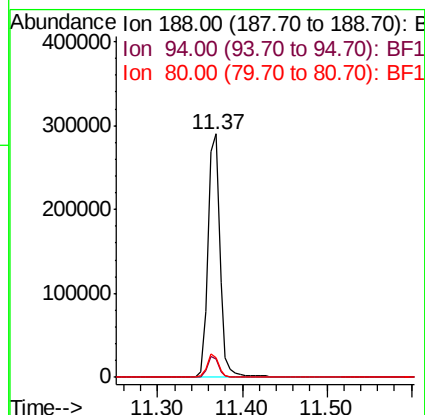
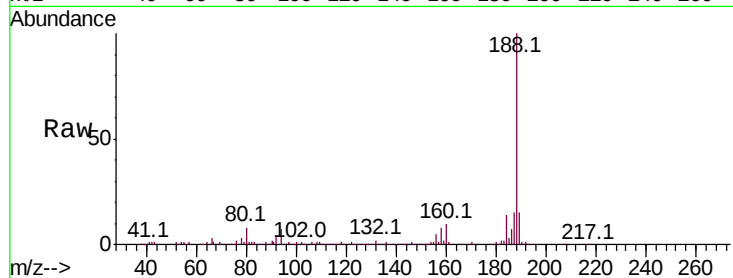




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF112550.D
Acq: 13 Feb 2019 20:33

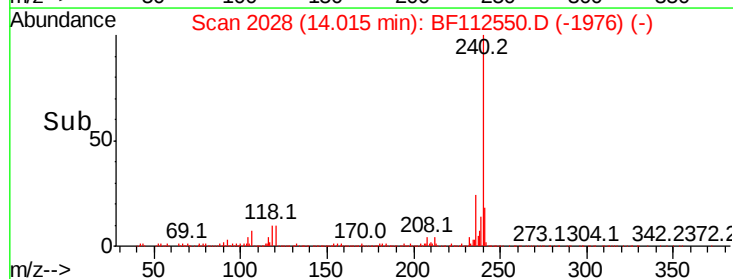
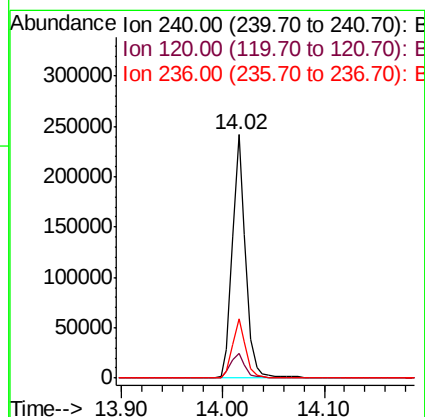
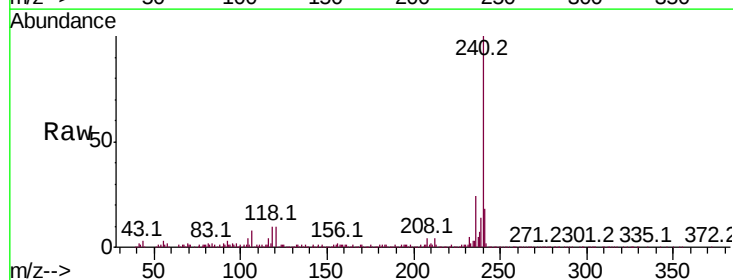
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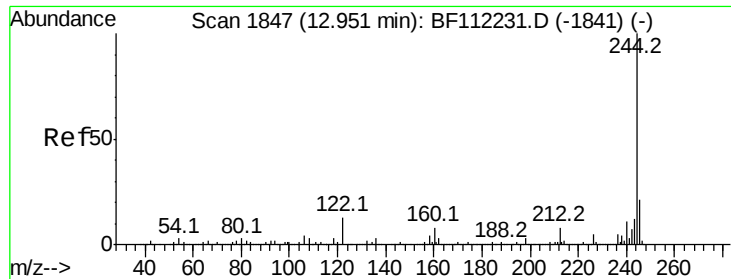
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.2	12.2#
80	8.2	8.9	13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF112550.D
Acq: 13 Feb 2019 20:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.6
236	24.4	20.7	31.1



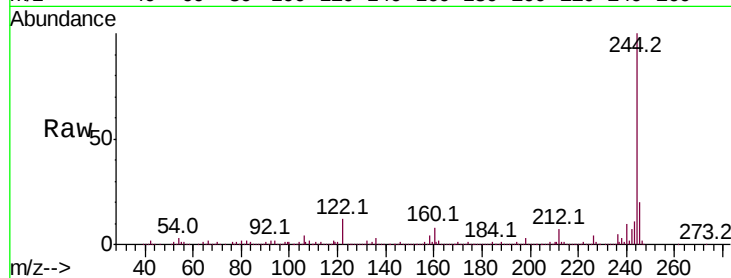


#79
 Terphenyl-d14
 Concen: 51.094 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112550.D
 Acq: 13 Feb 2019 20:33

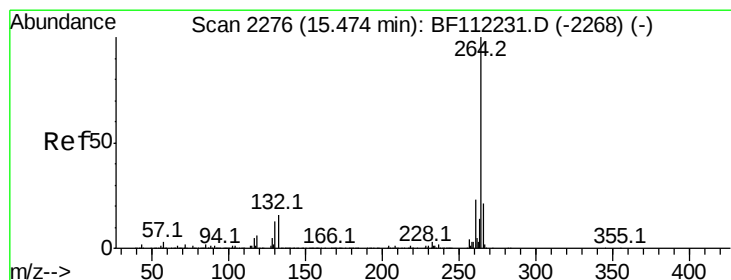
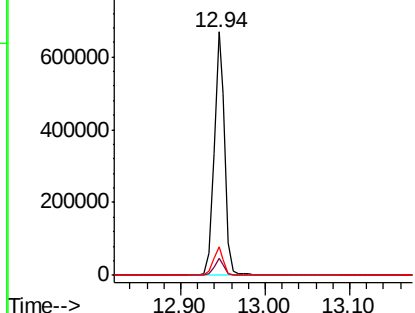
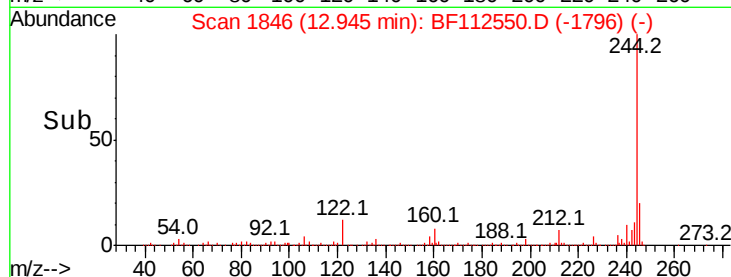
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:244 Resp: 599447

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	11.7	9.8	14.6



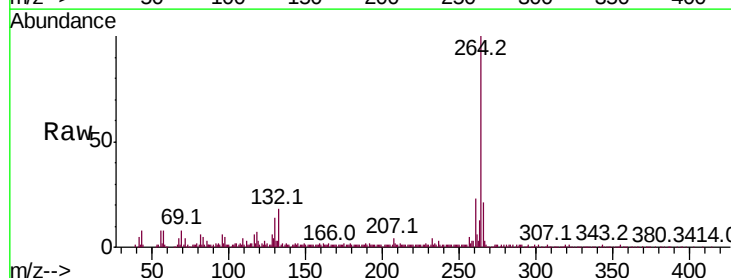
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF112550.D
 Acq: 13 Feb 2019 20:33

Tgt Ion:264 Resp: 149103

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	20.8	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

