

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112462.D
 Acq On : 8 Feb 2019 16:26
 Operator : JU/SJ
 Sample : K1409-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(0-2)

Quant Time: Feb 09 05:34:35 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

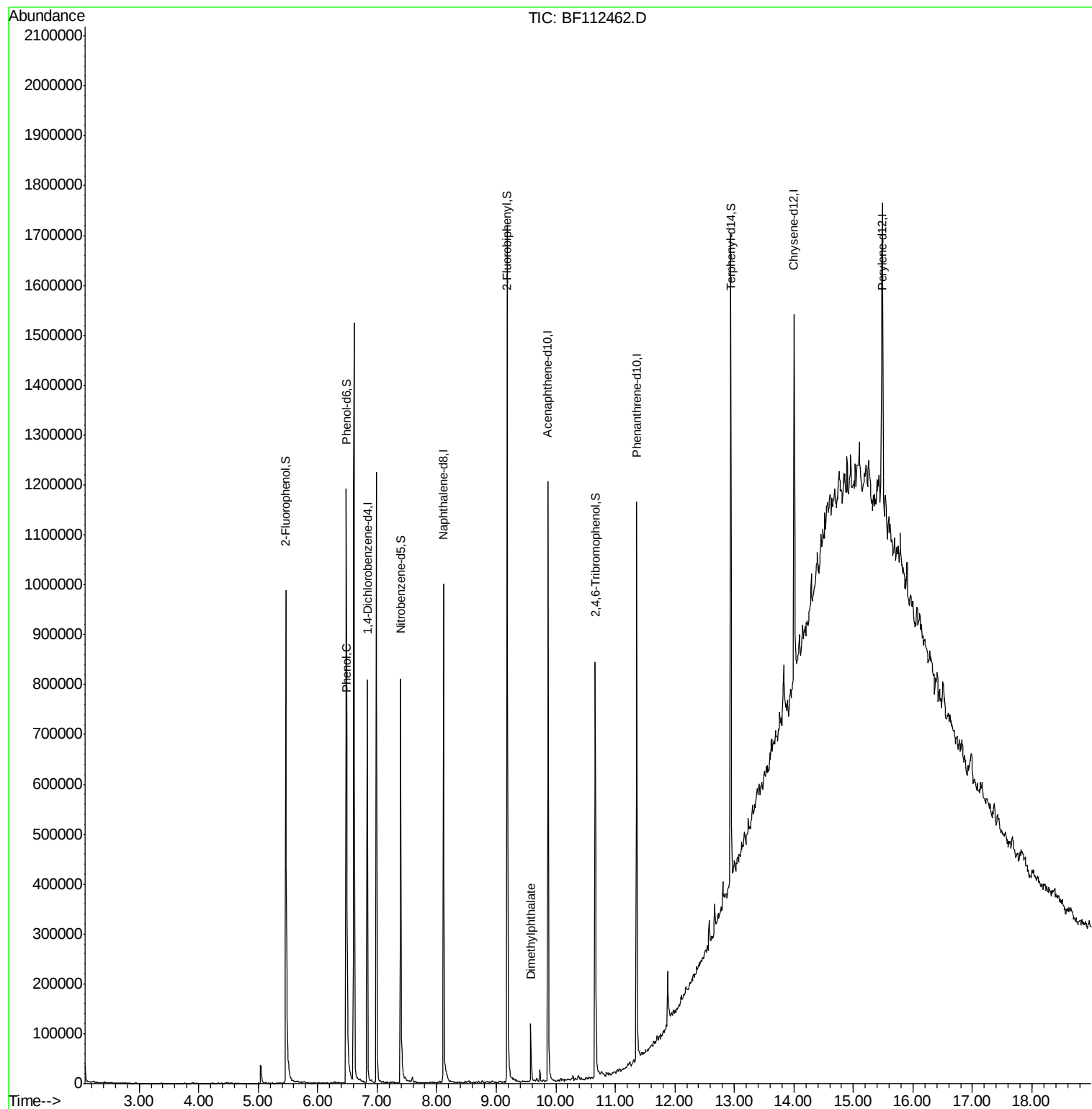
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	132648	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	515683	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	239565	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	422341	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	282856	20.00	ng	0.00
87) Perylene-d12	15.49	264	299679	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	359553	57.57	ng	-0.02
7) Phenol-d6	6.48	99	452319	52.12	ng	-0.01
23) Nitrobenzene-d5	7.39	82	277082	30.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	115913	41.57	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	538369	31.78	ng	-0.02
79) Terphenyl-d14	12.94	244	422297	28.12	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	24836	2.609	ng	94
50) Dimethylphthalate	9.58	163	57235	3.075	ng	97

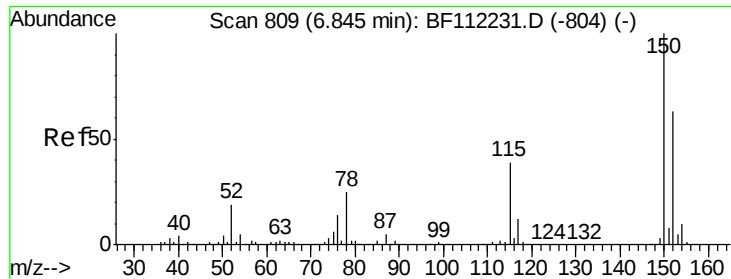
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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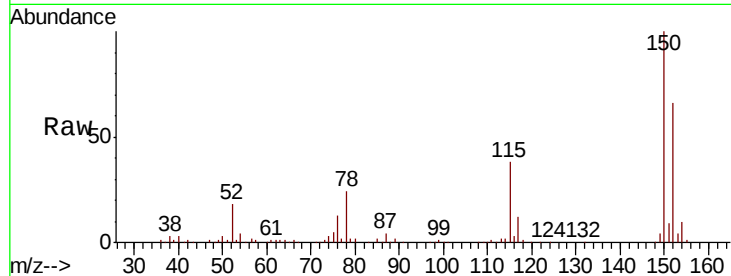


#1

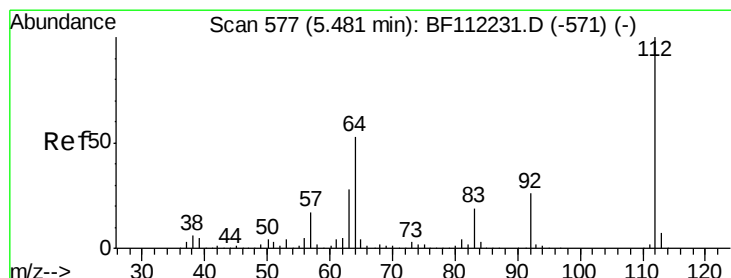
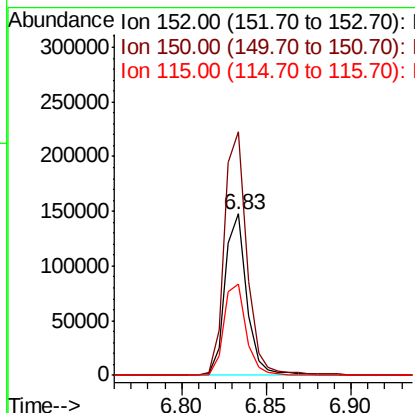
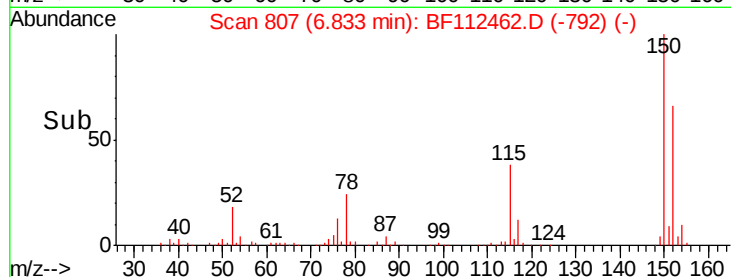
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112462.D
 Acq: 8 Feb 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(0-2)

Tot Ion:152 Resp: 132648
 Ion Ratio Lower Upper
 152 100
 150 151.0 127.4 191.0
 115 56.8 45.5 68.3



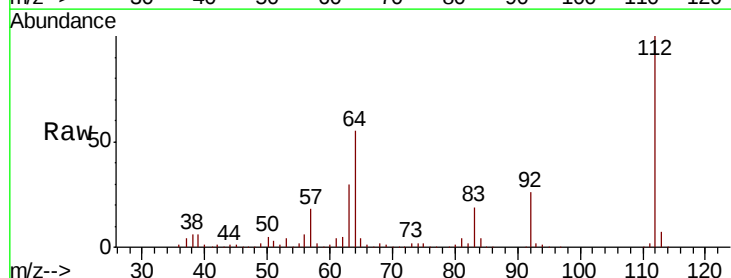
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



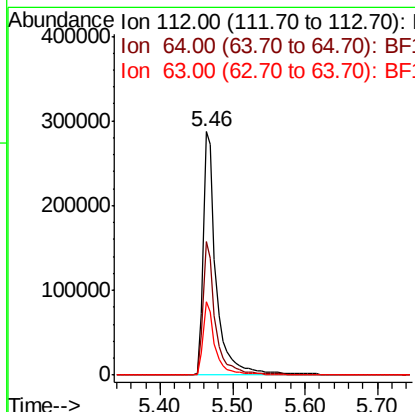
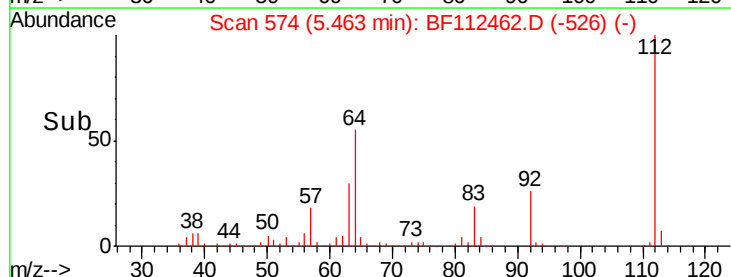
#5

2-Fluorophenol
 Concen: 57.574 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112462.D
 Acq: 8 Feb 2019 16:26

Tgt Ion:112 Resp: 359553
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.7 68.5
 63 30.3 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: 52.124 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

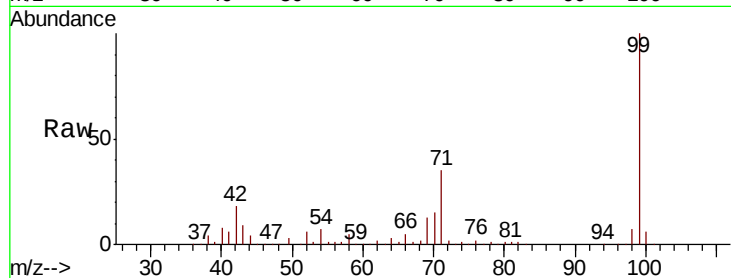
Tot Ion: 99 Resp: 452319

Ion Ratio Lower Upper

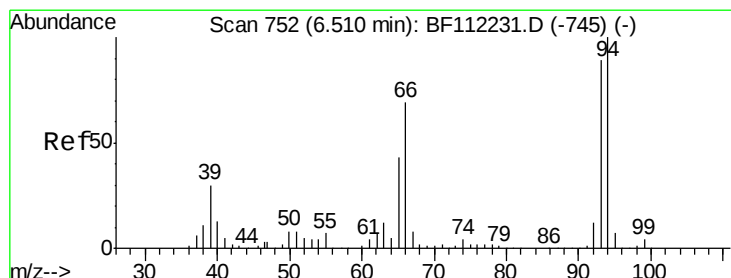
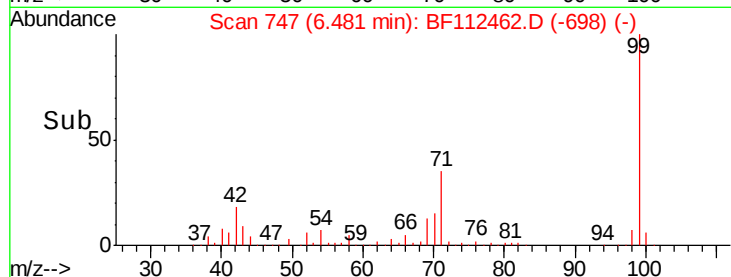
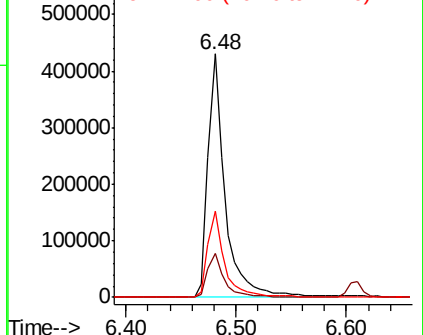
99 100

42 17.8 15.1 22.7

71 35.3 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: 2.609 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

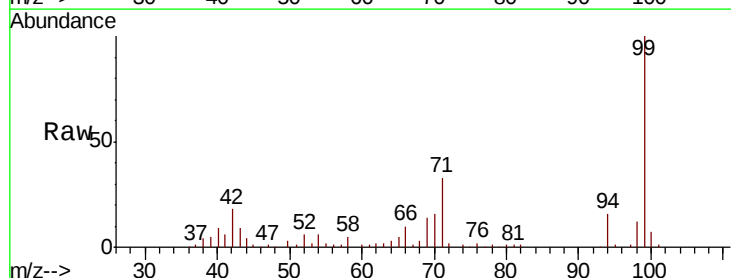
Tgt Ion: 94 Resp: 24836

Ion Ratio Lower Upper

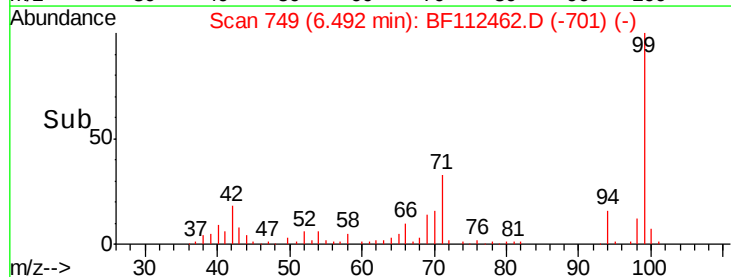
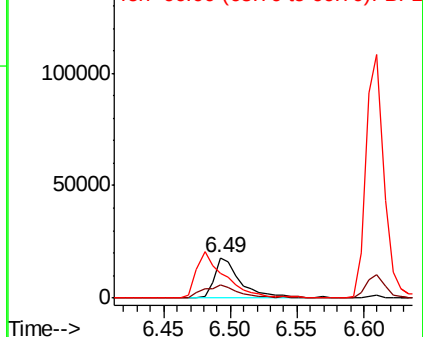
94 100

65 31.5 20.3 60.3

66 62.9 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

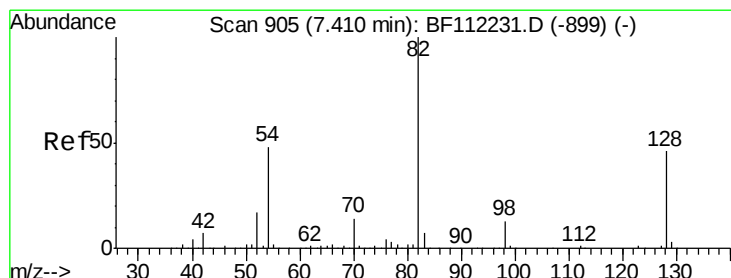
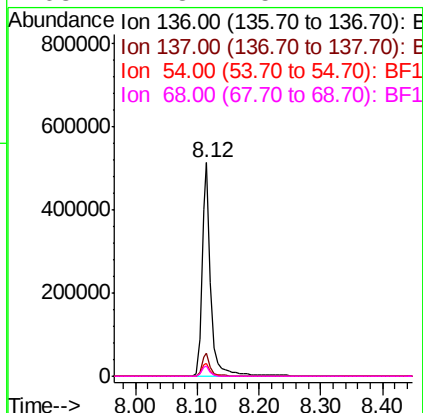
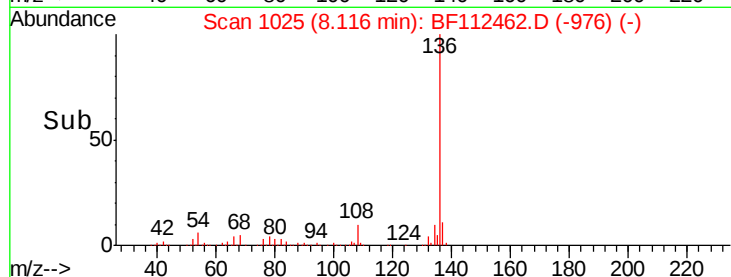
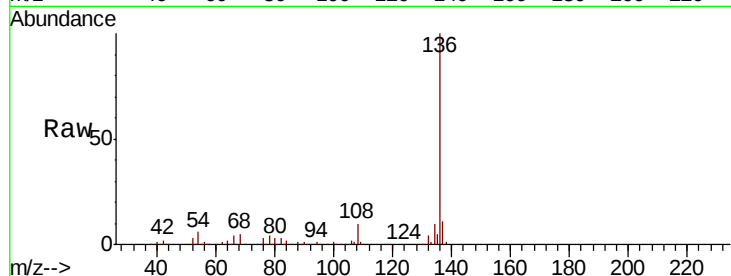




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

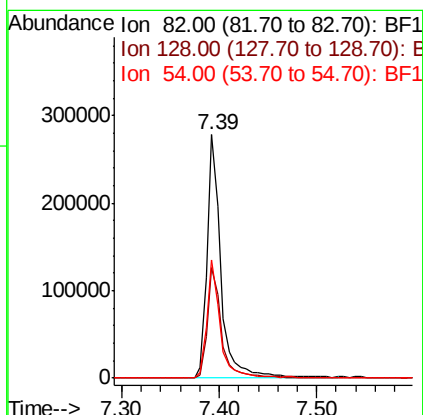
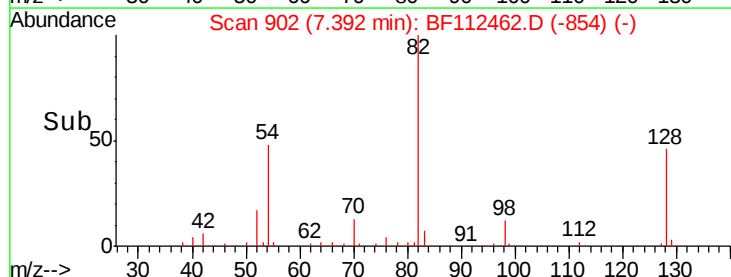
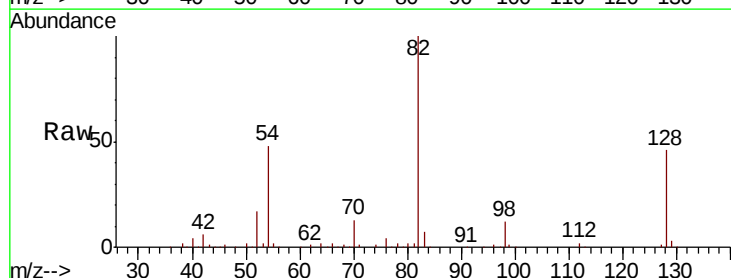
Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

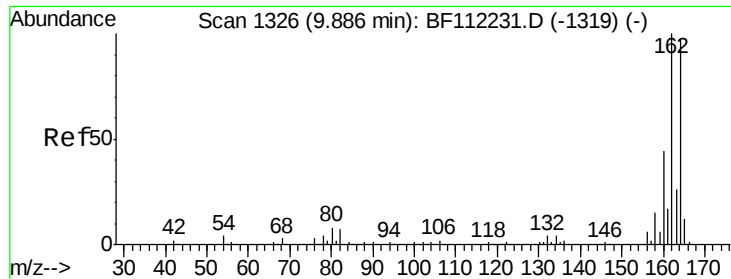
Tot Ion:136	Resp:	515683
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.1 13.7
54	5.9	5.9 8.9
68	4.8	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 30.960 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Tgt Ion: 82	Resp:	277082
Ion	Ratio	Lower Upper
82	100	
128	45.6	37.8 56.8
54	48.3	39.7 59.5

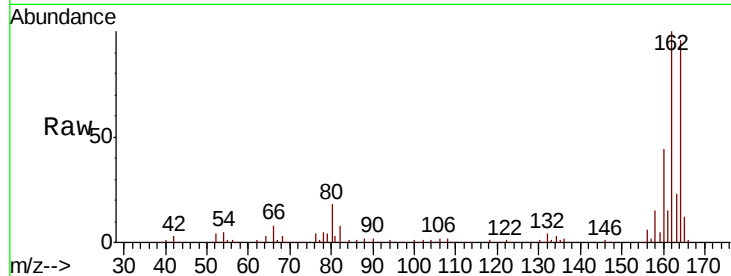




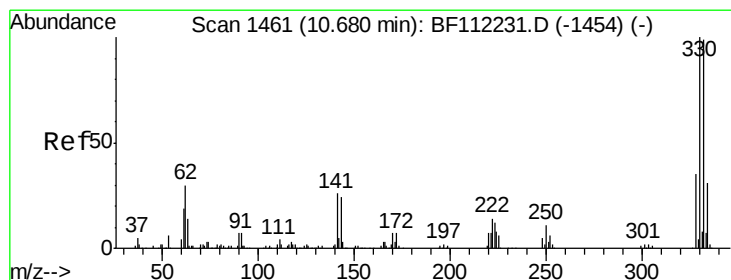
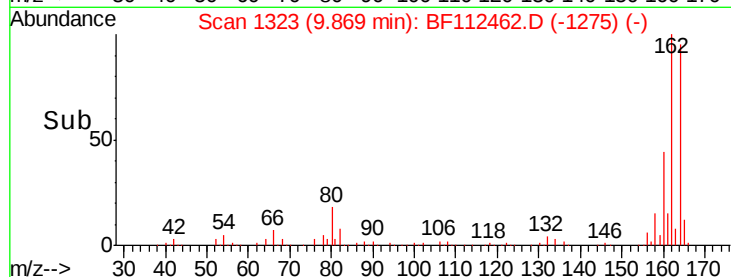
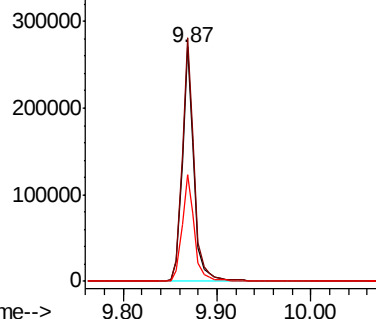
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

Tot Ion:164 Resp: 239565
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 45.6 36.2 54.4

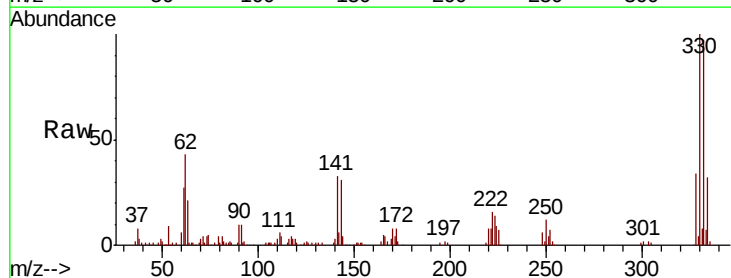


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

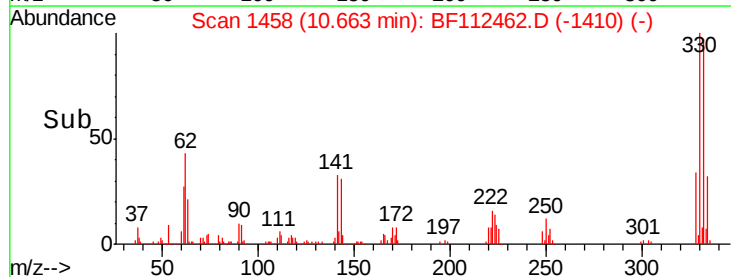
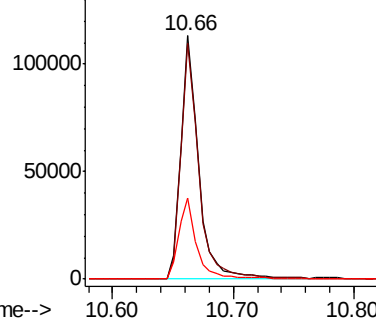


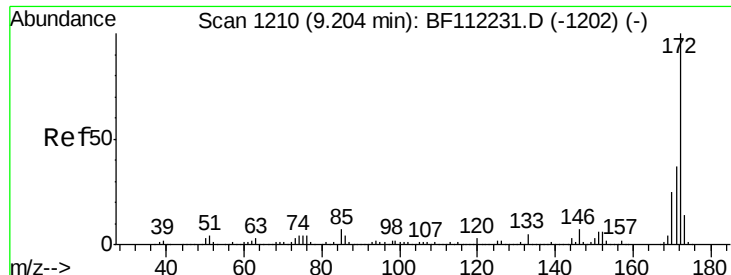
#42
2,4,6-Tribromophenol
Concen: 41.569 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Tgt Ion:330 Resp: 115913
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 34.2 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

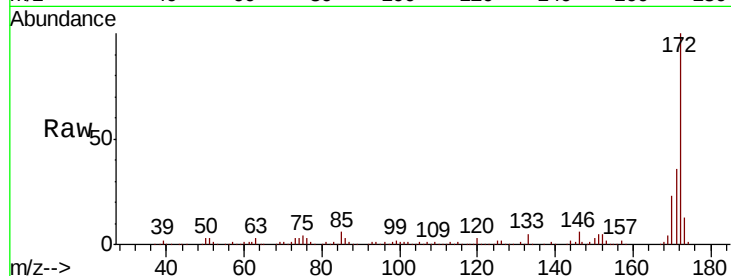




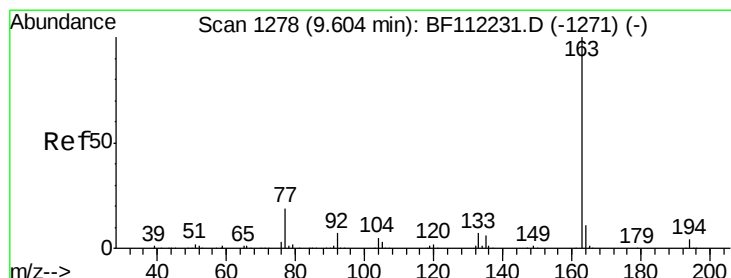
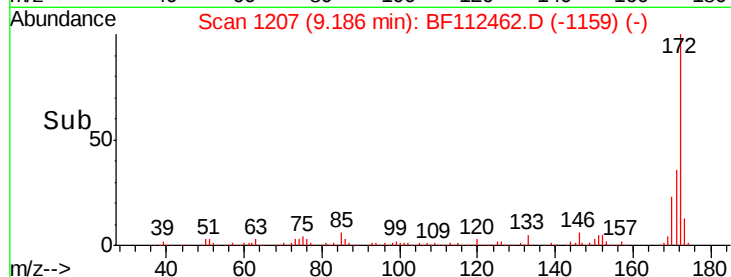
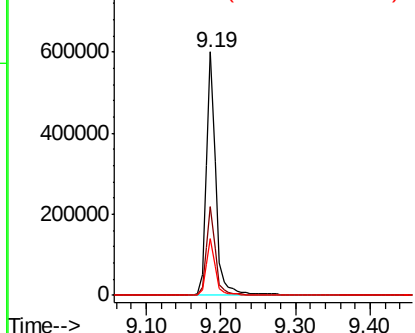
#45
2-Fluorobiphenyl
Concen: 31.784 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Instrument :
BNA_F
ClientSampleId :
SB-09(0-2)

Tot Ion:172 Resp: 538369
Ion Ratio Lower Upper
172 100
171 36.2 30.5 45.7
170 23.5 20.2 30.4

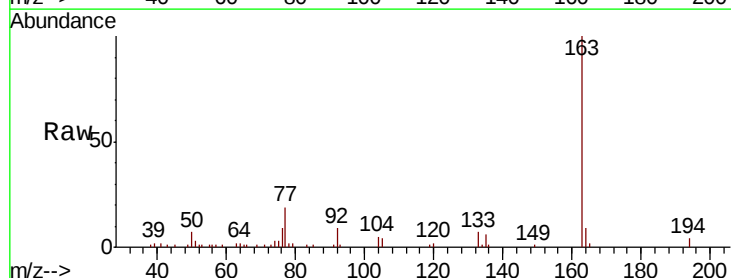


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

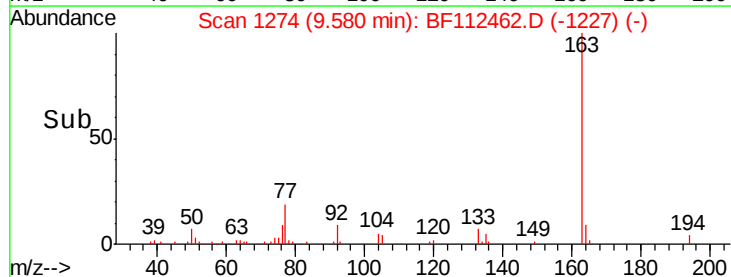
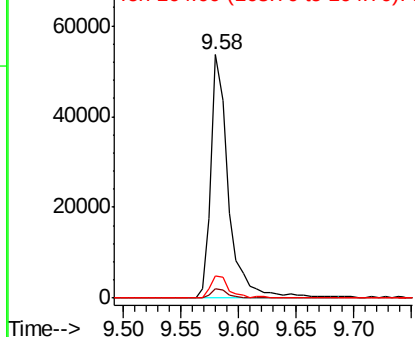


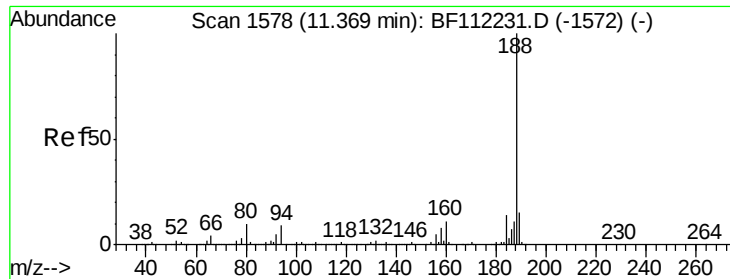
#50
Dimethylphthalate
Concen: 3.075 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Tgt Ion:163 Resp: 57235
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.3 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

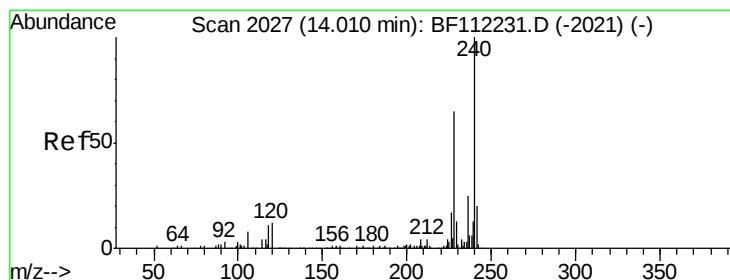
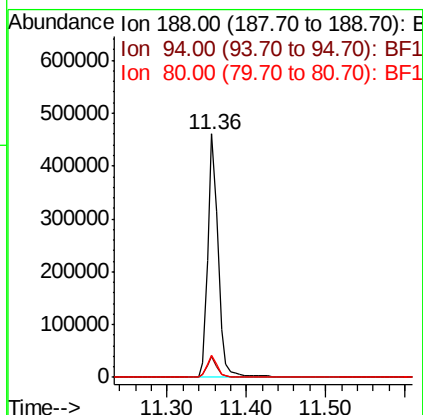
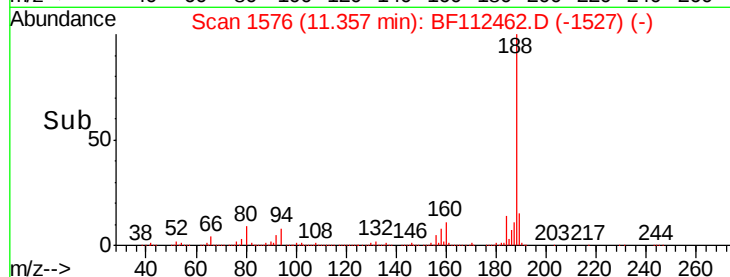
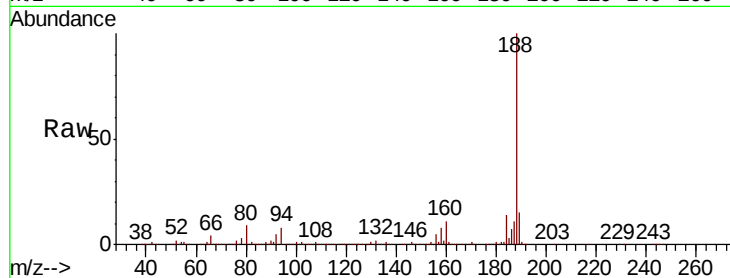




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

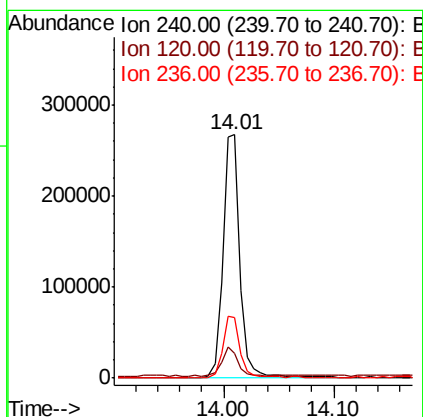
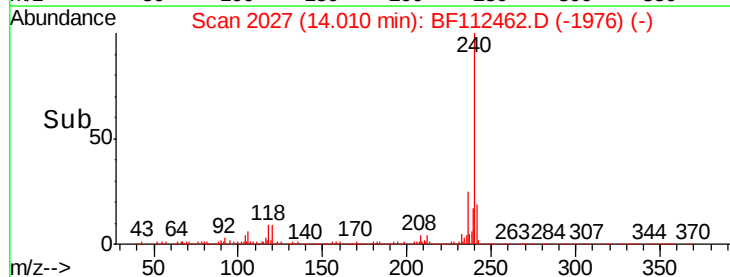
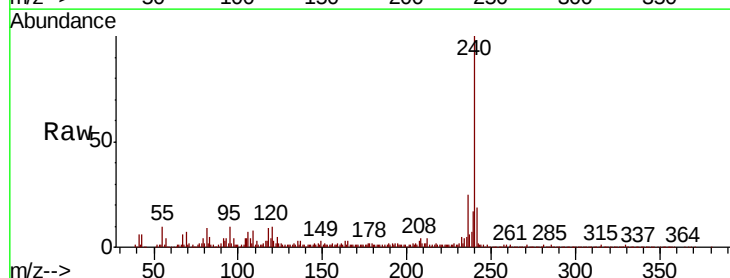
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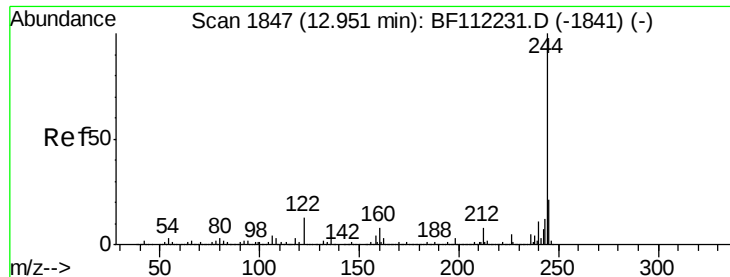
Tot Ion:188 Resp: 422341
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112462.D
Acq: 8 Feb 2019 16:26

Tgt Ion:240 Resp: 282856
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 24.9 20.7 31.1





#79

Terphenyl-d14

Concen: 28.119 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SB-09(0-2)

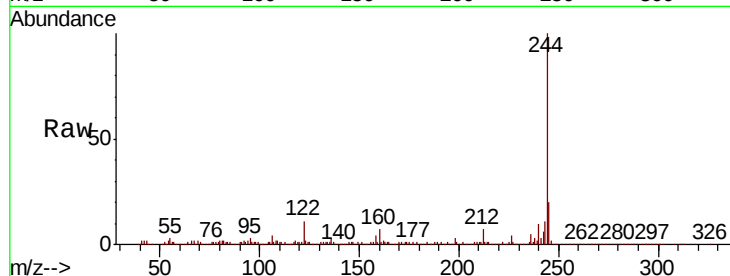
Tot Ion:244 Resp: 422297

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

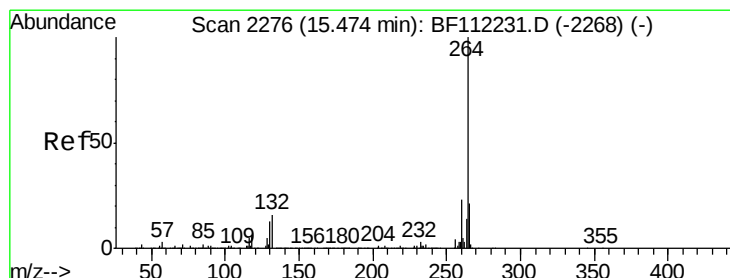
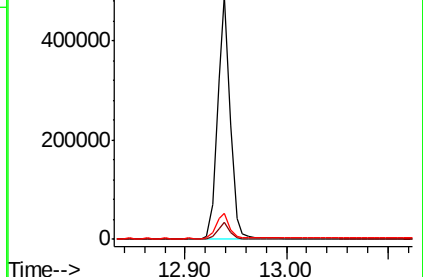
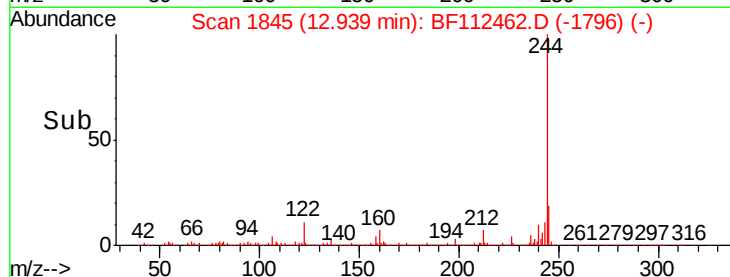
122 10.9 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112462.D

Acq: 8 Feb 2019 16:26

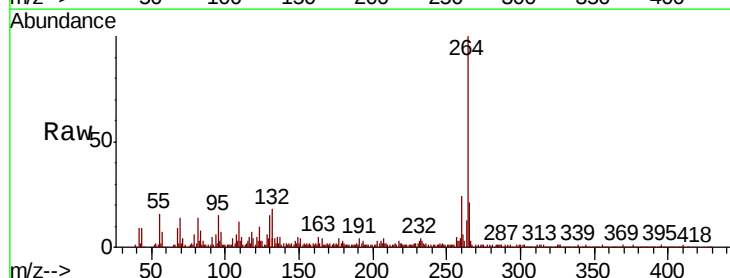
Tgt Ion:264 Resp: 299679

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 21.4 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

