

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
 Data File : BF112362.D
 Acq On : 1 Feb 2019 20:08
 Operator : JU/SJ
 Sample : K1307-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 013019-SIDI-E-U-S

Quant Time: Feb 02 00:07:11 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

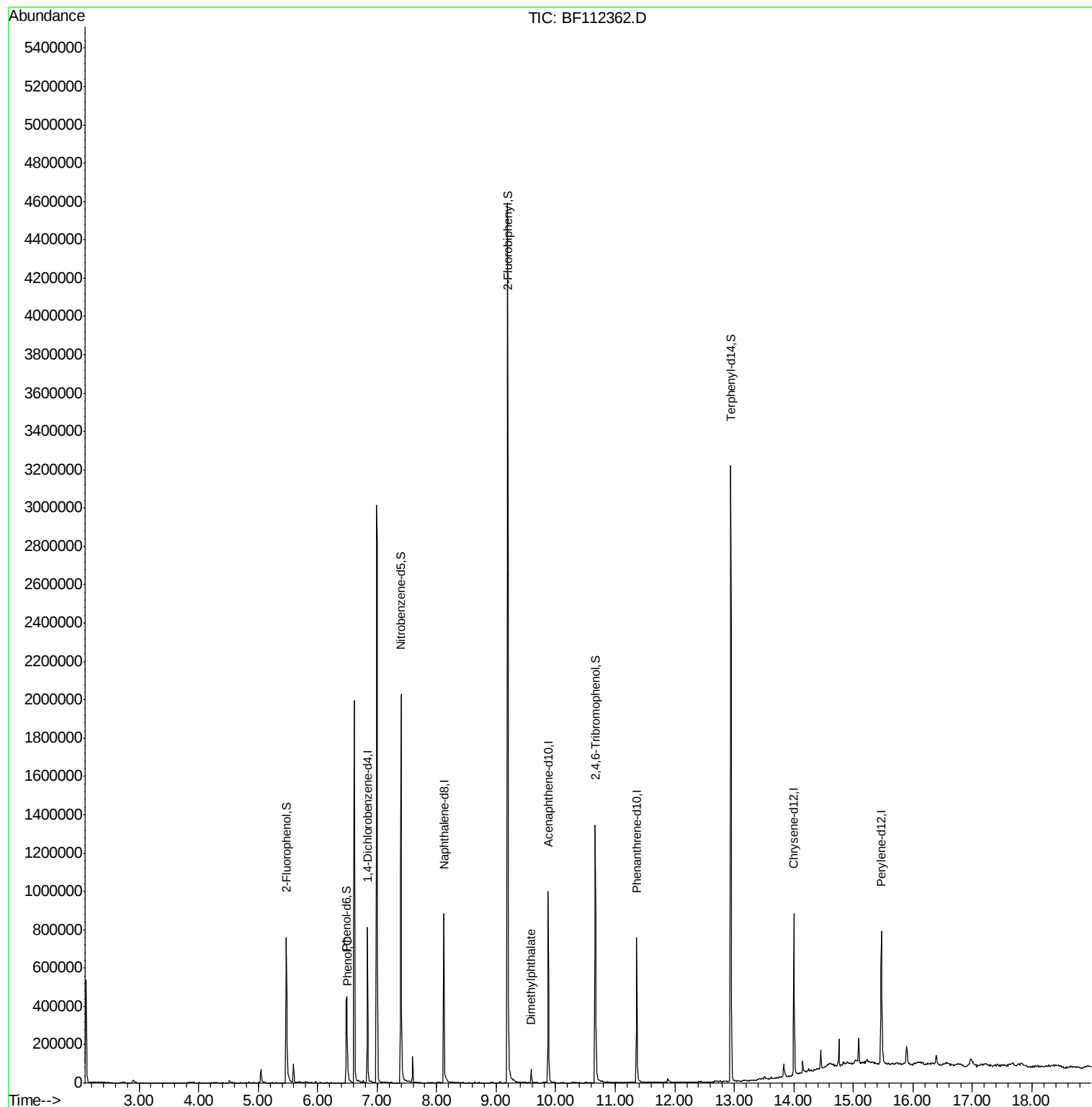
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	136507	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	481666	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	213082	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	339083	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	314388	20.00	ng	0.00
87) Perylene-d12	15.47	264	313119	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	259764	40.42	ng	0.00
7) Phenol-d6	6.49	99	191957	21.50	ng	0.00
23) Nitrobenzene-d5	7.40	82	742592	88.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	190300	76.73	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1458453	96.81	ng	-0.01
79) Terphenyl-d14	12.94	244	1088205	65.19	ng	-0.01
Target Compounds						
10) Phenol	6.50	94	34840	3.556	ng	80
50) Dimethylphthalate	9.59	163	35049	2.117	ng	99

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

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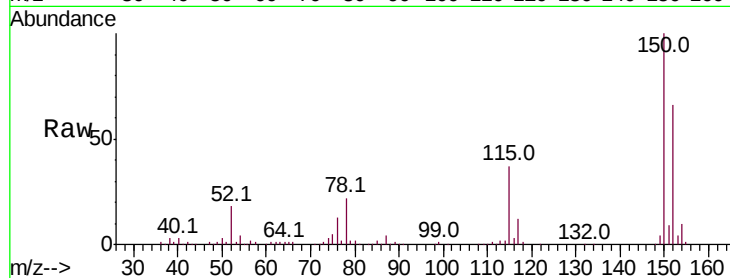


#1

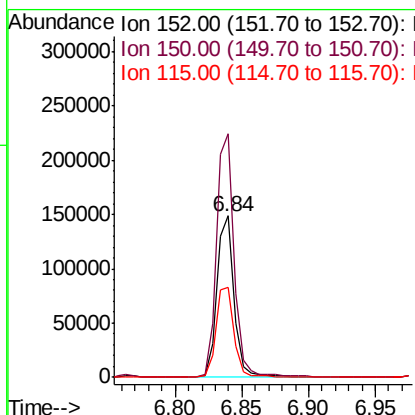
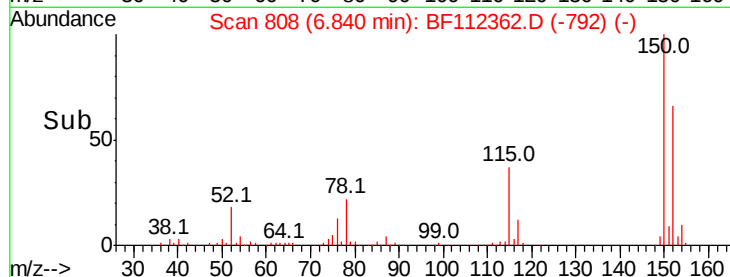
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

Tot Ion:152 Resp: 136507
Ion Ratio Lower Upper
152 100
150 150.8 127.4 191.0
115 56.1 45.5 68.3



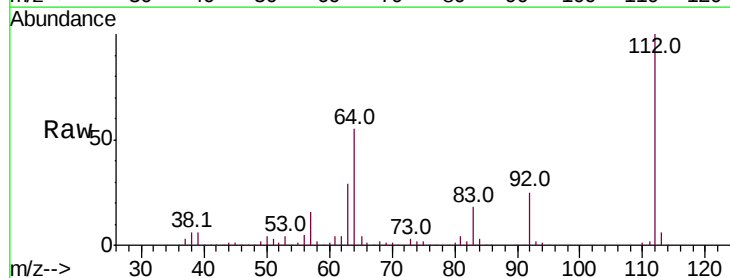
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



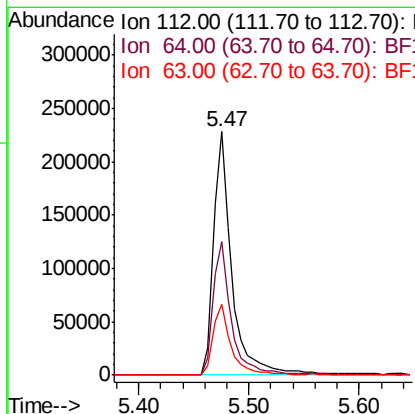
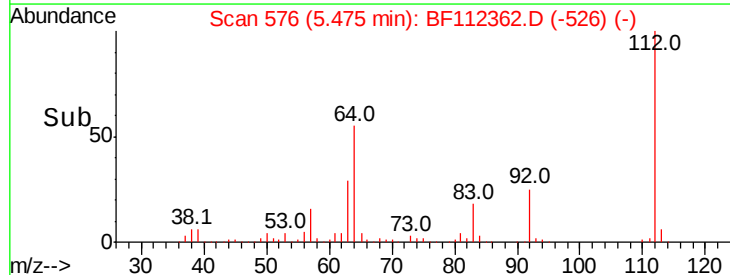
#5

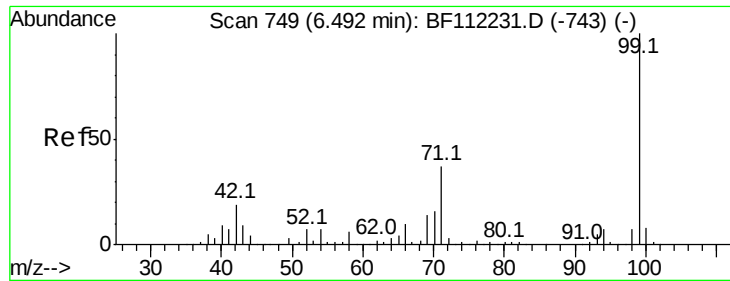
2-Fluorophenol
Concen: 40.420 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Tgt Ion:112 Resp: 259764
Ion Ratio Lower Upper
112 100
64 54.7 45.7 68.5
63 29.1 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: 21.495 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

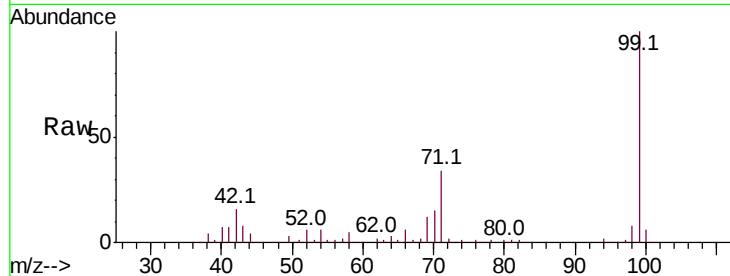
Tot Ion: 99 Resp: 191957

Ion Ratio Lower Upper

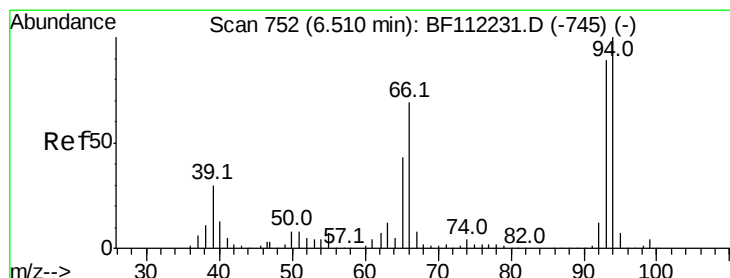
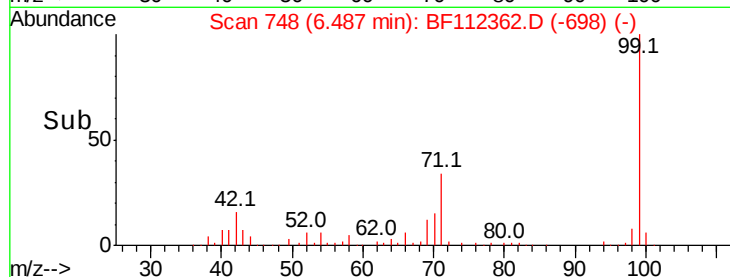
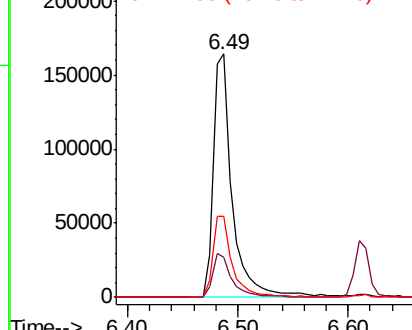
99 100

42 16.5 15.1 22.7

71 33.6 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: 3.556 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

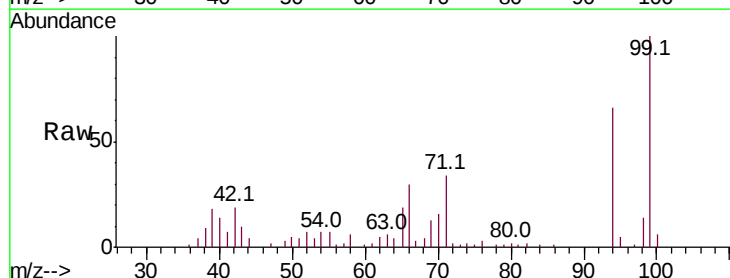
Tgt Ion: 94 Resp: 34840

Ion Ratio Lower Upper

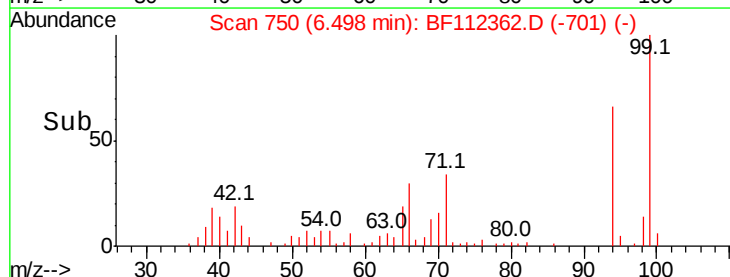
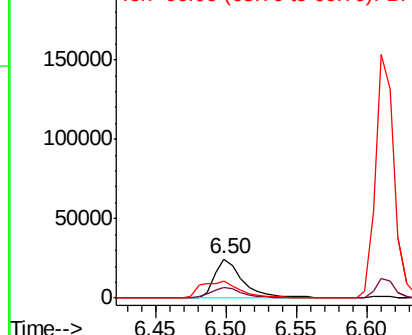
94 100

65 28.9 20.3 60.3

66 45.5 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: BF112362.D

Acq: 1 Feb 2019 20:08

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

Tot Ion:136 Resp: 481666

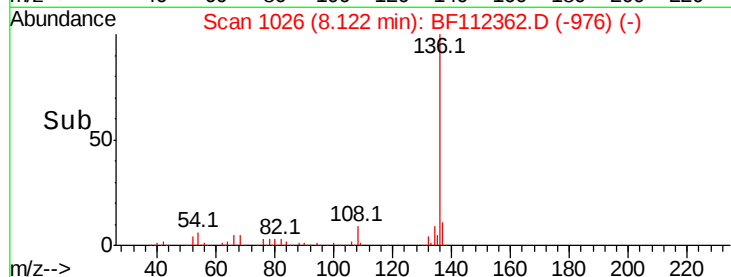
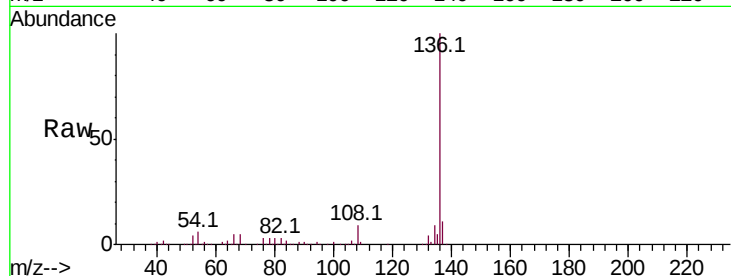
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.7 5.9 8.9#

68 4.7 5.1 7.7#

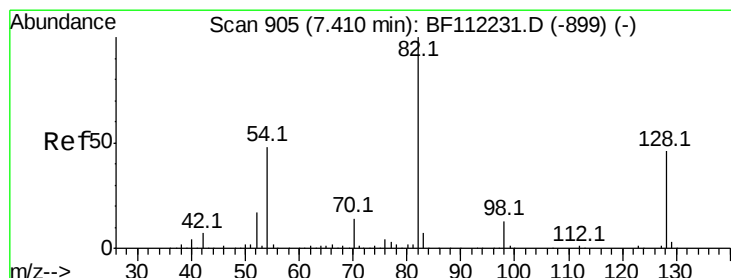
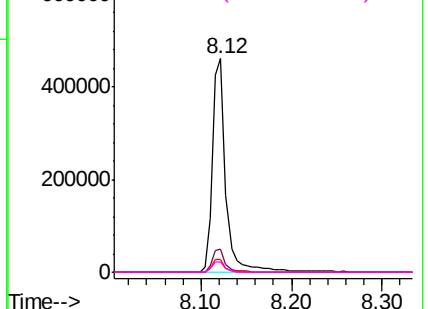


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.833 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

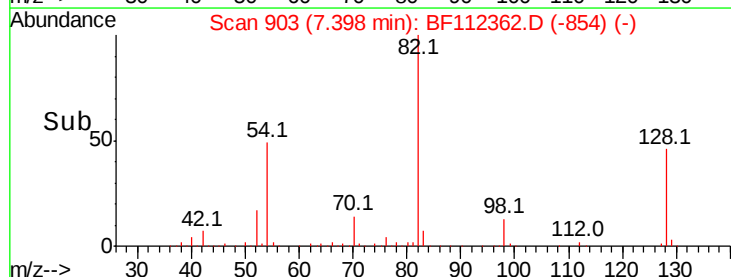
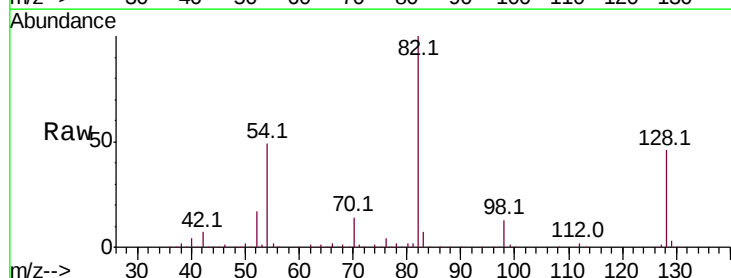
Tgt Ion: 82 Resp: 742592

Ion Ratio Lower Upper

82 100

128 46.5 37.8 56.8

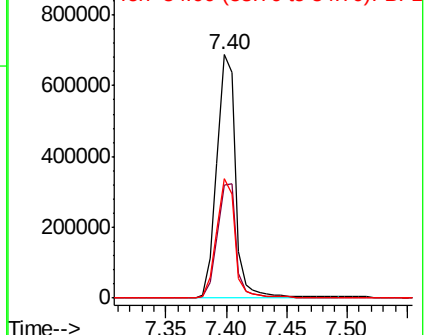
54 49.2 39.7 59.5

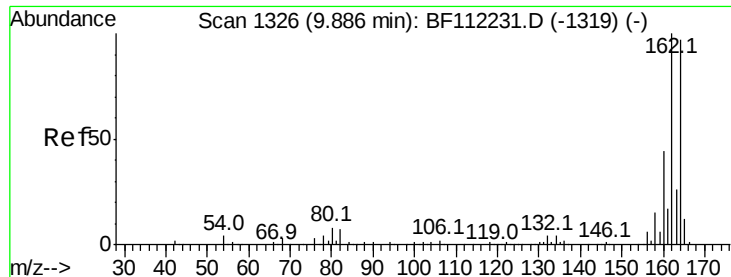


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

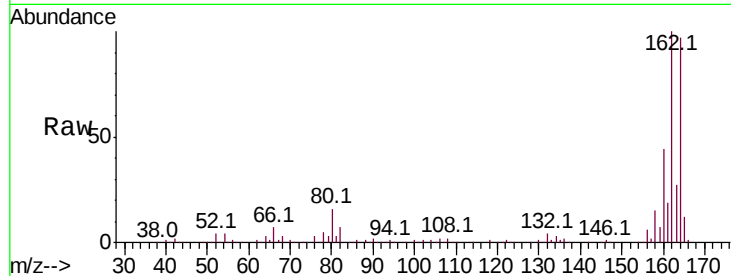




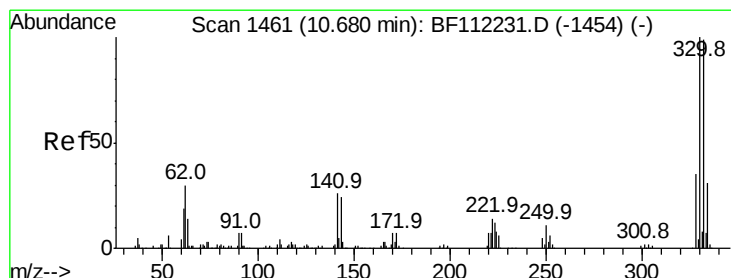
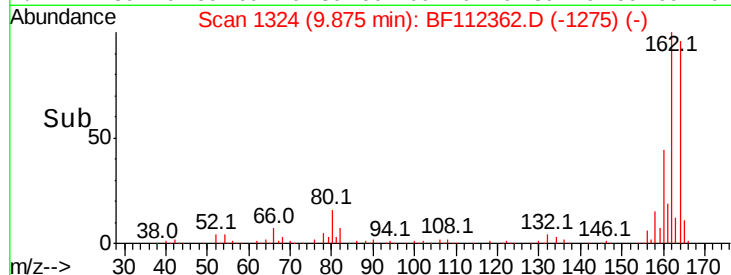
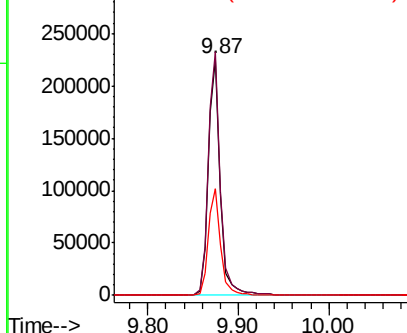
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

Tot Ion:164 Resp: 213082
Ion Ratio Lower Upper
164 100
162 102.9 82.2 123.4
160 45.0 36.2 54.4

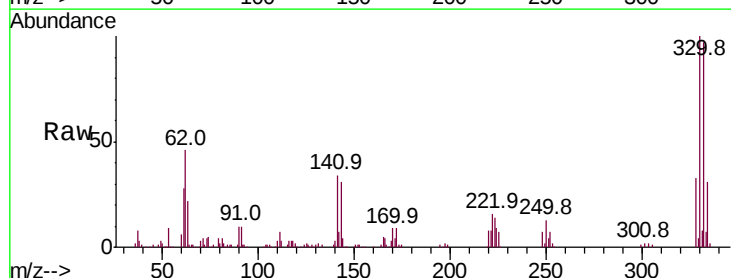


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

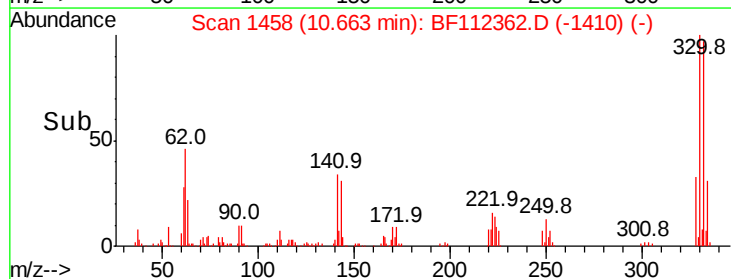
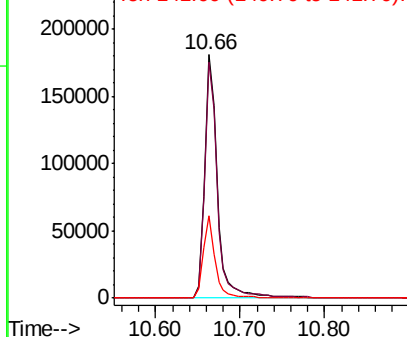


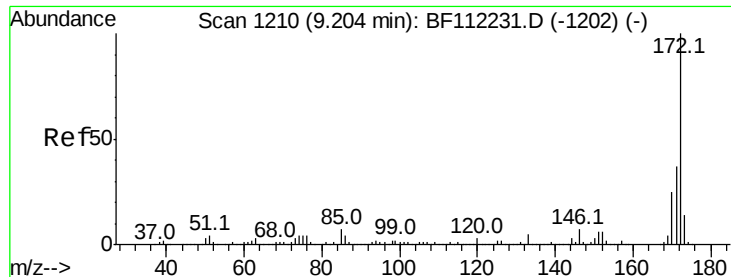
#42
2,4,6-Tribromophenol
Concen: 76.727 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Tgt Ion:330 Resp: 190300
Ion Ratio Lower Upper
330 100
332 96.1 76.6 114.8
141 31.1 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

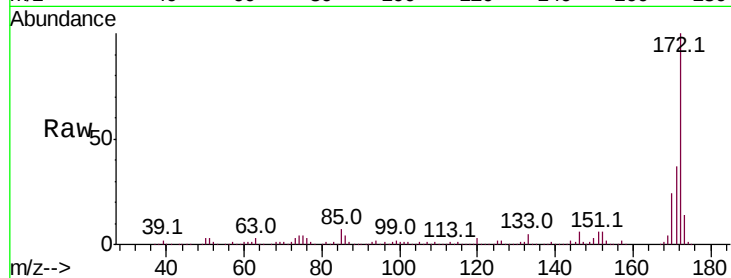




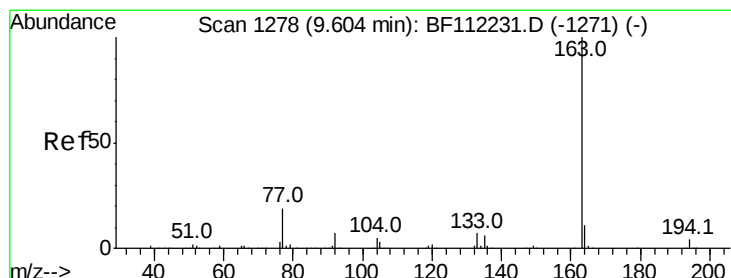
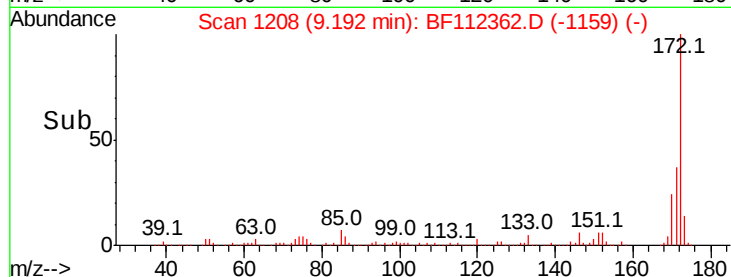
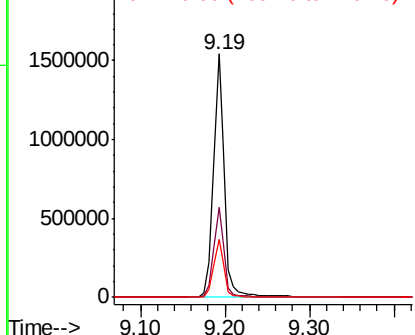
#45
2-Fluorobiphenyl
Concen: 96.805 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

Tot Ion:172 Resp: 1458453
Ion Ratio Lower Upper
172 100
171 36.8 30.5 45.7
170 23.7 20.2 30.4

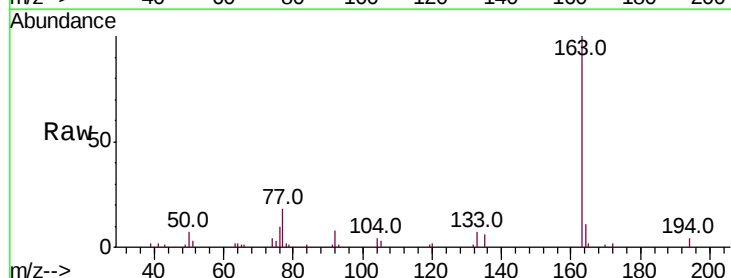


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

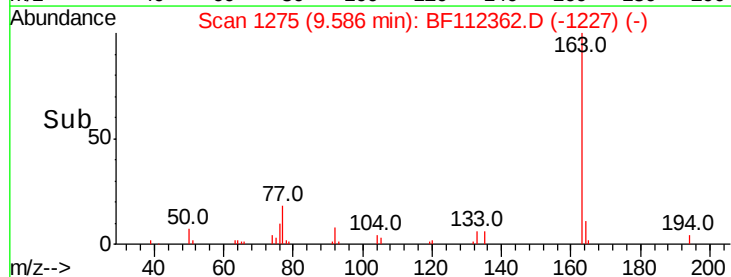
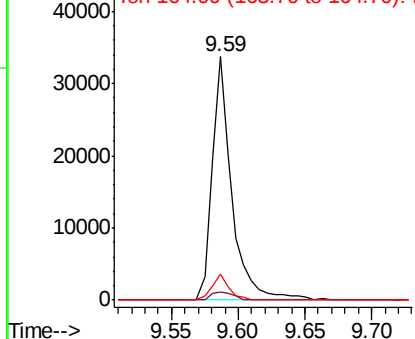


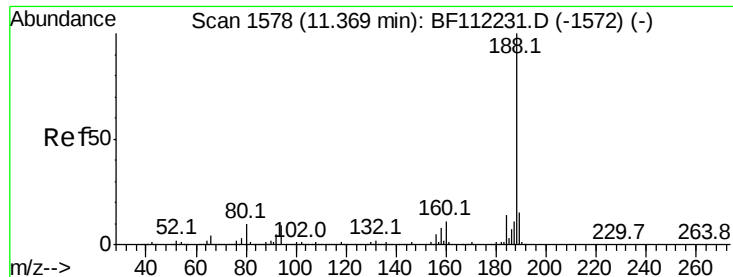
#50
Dimethylphthalate
Concen: 2.117 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Tgt Ion:163 Resp: 35049
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.7 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

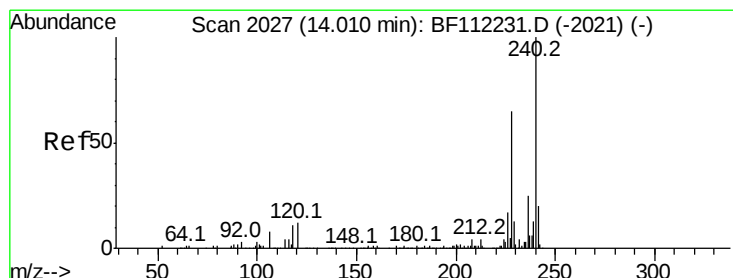
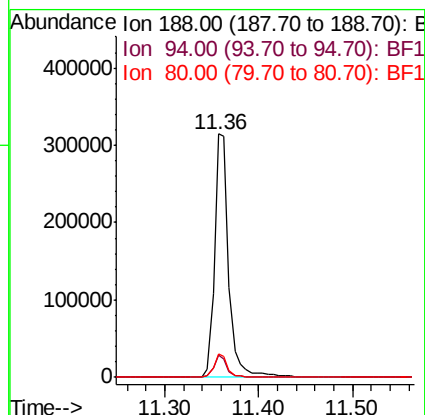
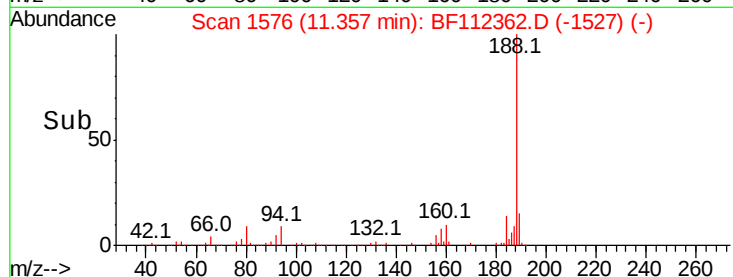
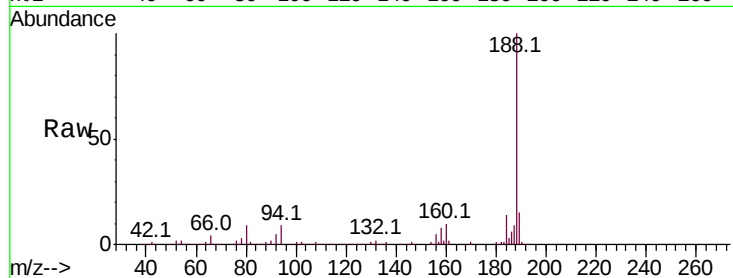




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

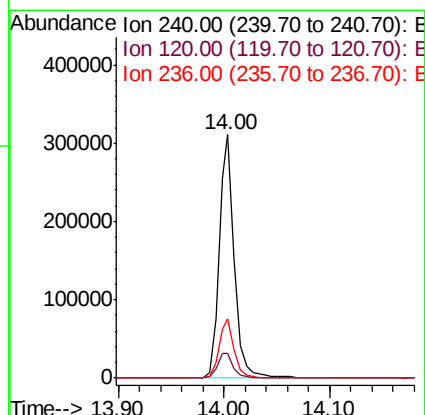
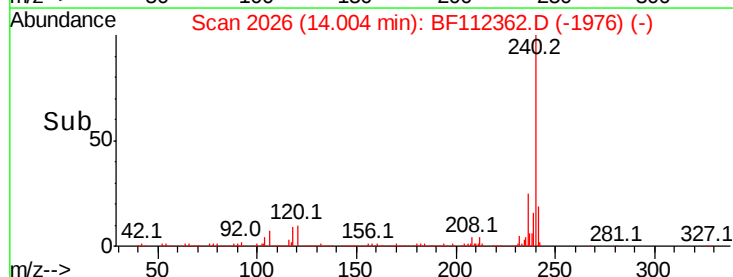
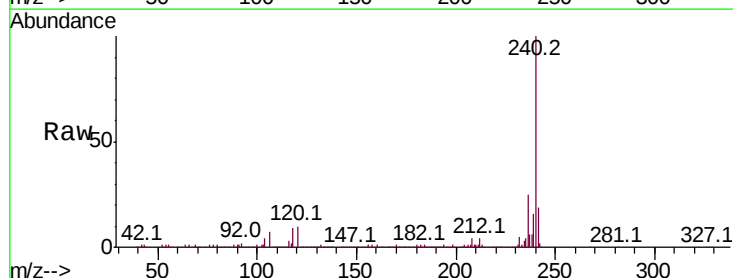
Instrument :
BNA_F
ClientSampleId :
013019-SIDI-E-U-S

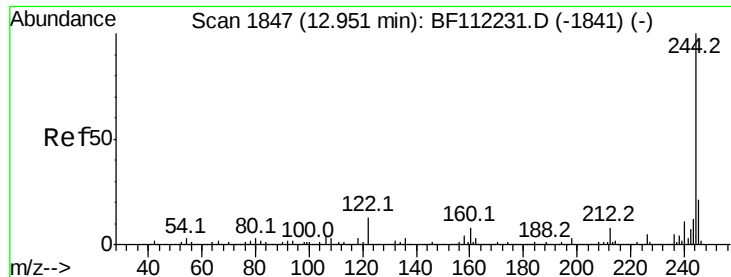
Tot Ion:188 Resp: 339083
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.4 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112362.D
Acq: 1 Feb 2019 20:08

Tgt Ion:240 Resp: 314388
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 24.5 20.7 31.1





#79

Terphenyl-d14

Concen: 65.193 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

Instrument :

BNA_F

ClientSampleId :

013019-SIDI-E-U-S

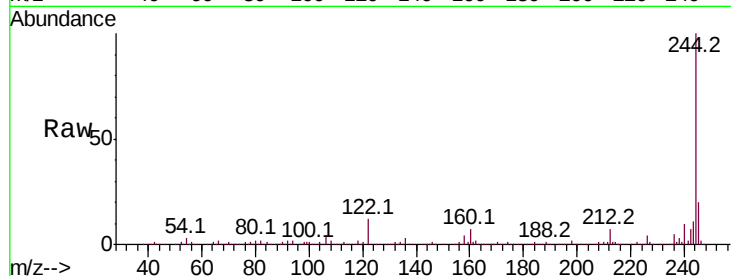
Tot Ion:244 Resp: 1088205

Ion Ratio Lower Upper

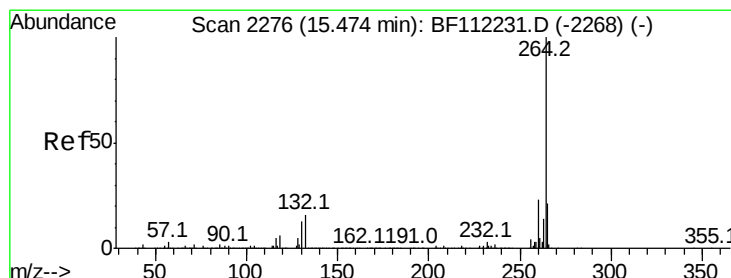
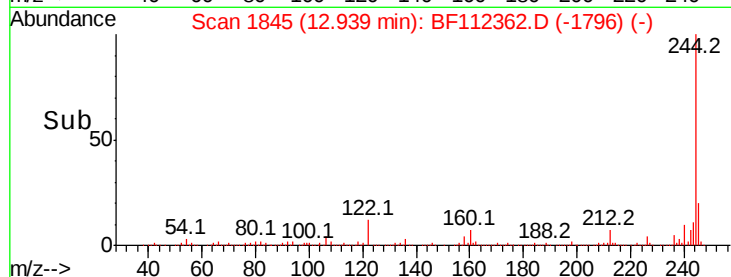
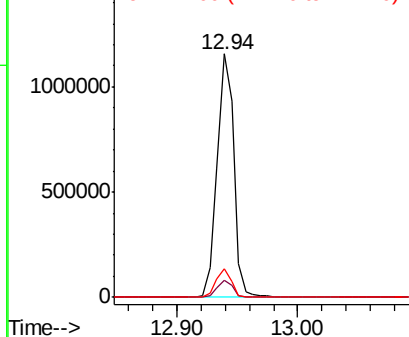
244 100

212 6.9 5.9 8.9

122 11.9 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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112362.D

Acq: 1 Feb 2019 20:08

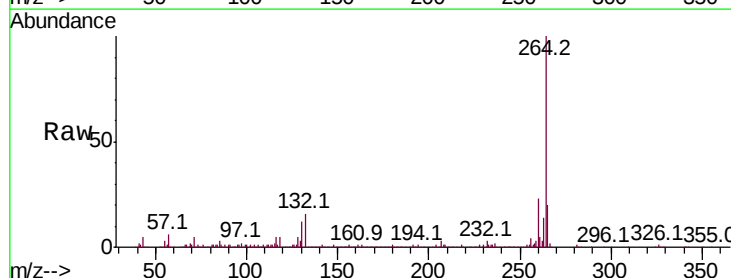
Tgt Ion:264 Resp: 313119

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 19.8 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

