

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112103.D
 Acq On : 17 Jan 2019 22:24
 Operator : JU/SJ
 Sample : K1164-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-U-B

Quant Time: Jan 18 01:05:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 18:22:05 2019
 Response via : Initial Calibration

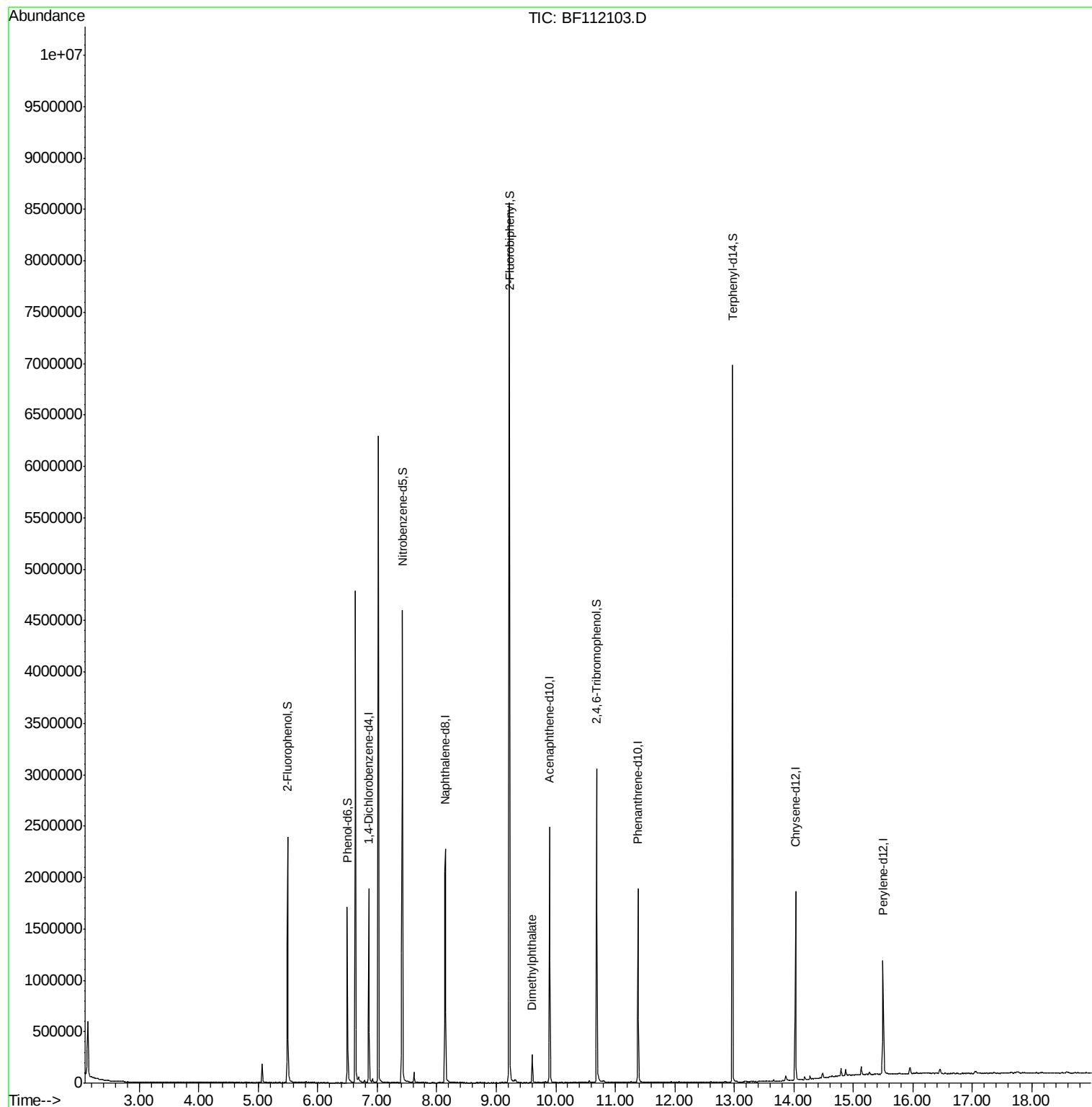
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	301945	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1069591	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	468211	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	746746	20.00	ng	0.00
76) Chrysene-d12	14.03	240	663892	20.00	ng	0.00
87) Perylene-d12	15.50	264	520110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	665721	40.02	ng	0.00
7) Phenol-d6	6.50	99	531405	25.53	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1586562	102.48	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	379508	75.14	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2814075	88.12	ng	0.00
79) Terphenyl-d14	12.97	244	2257578	72.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	113243	3.316	ng	Qvalue 97

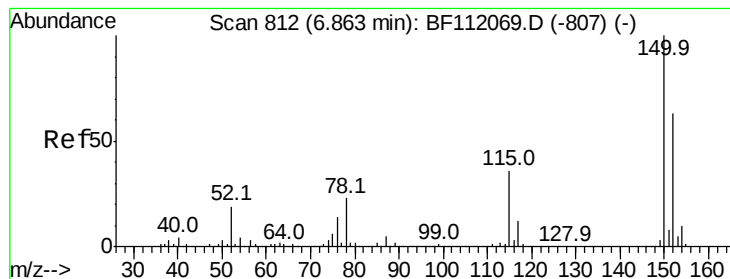
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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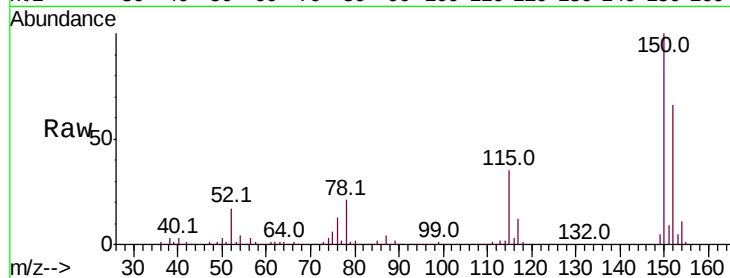


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	127.4	191.0
115	52.6	45.5	68.3

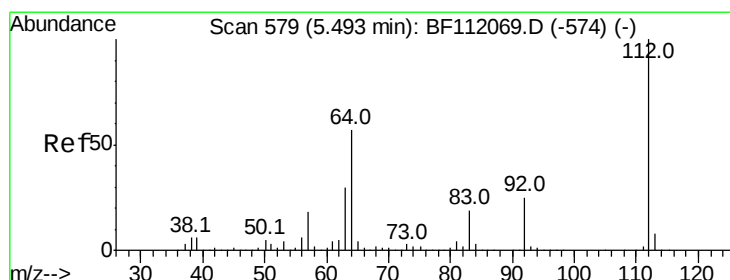
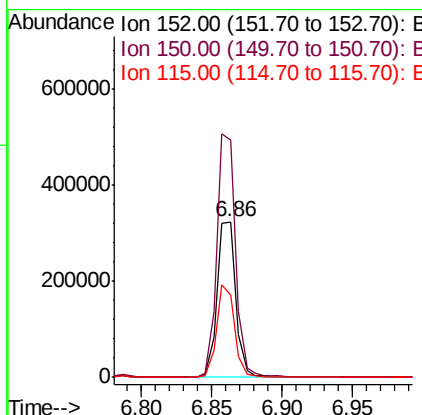
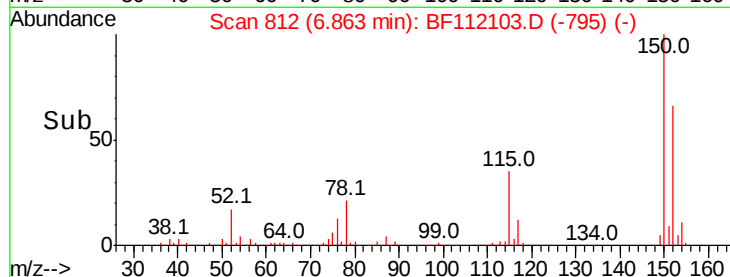


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

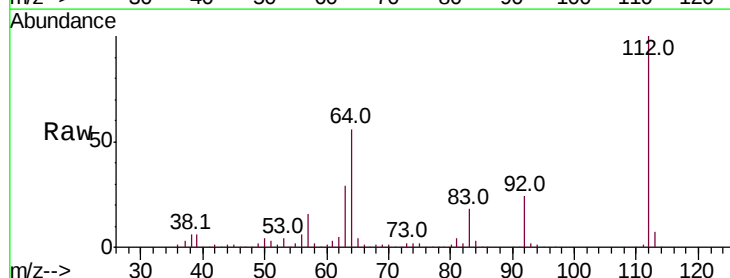
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.018 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.5	45.7	68.5
63	29.1	23.6	35.4

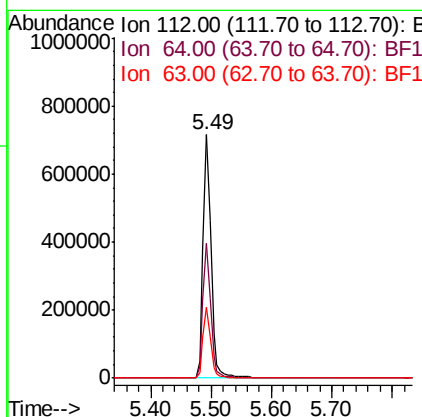
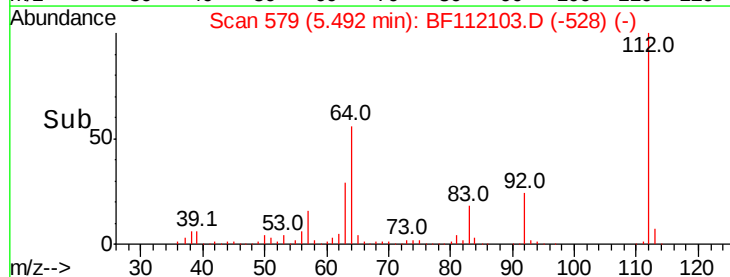


Abundance

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: 25.531 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-B

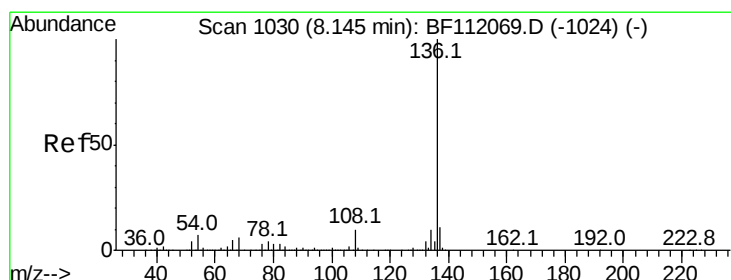
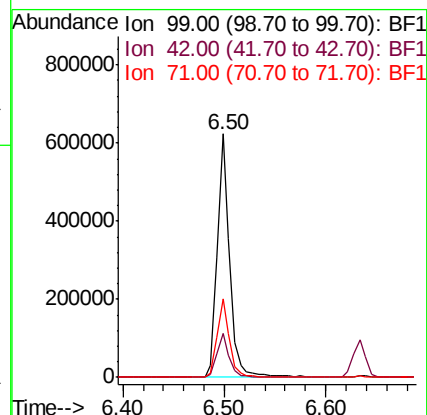
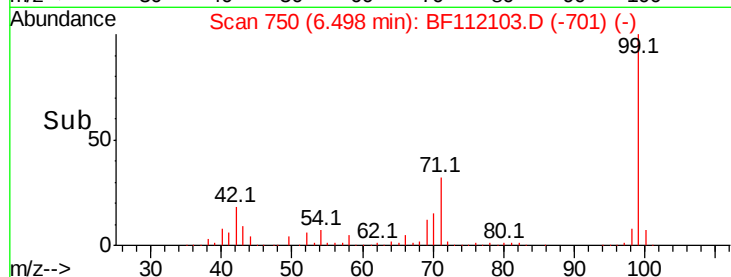
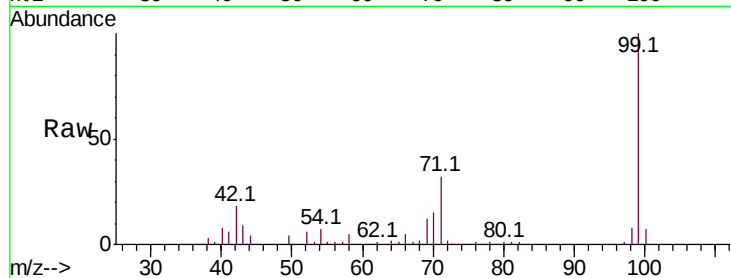
Tot Ion: 99 Resp: 531405

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

71 32.1 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Tgt Ion: 136 Resp: 1069591

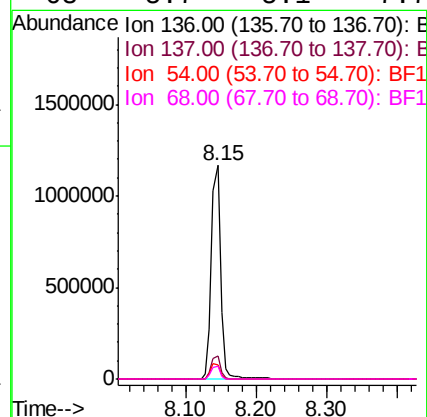
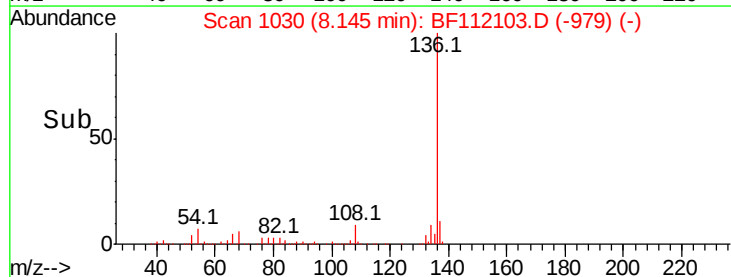
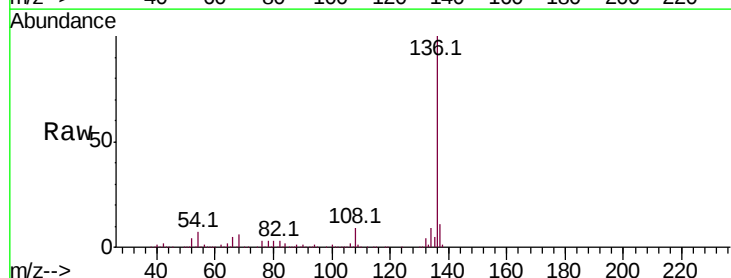
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.7 5.9 8.9

68 5.7 5.1 7.7

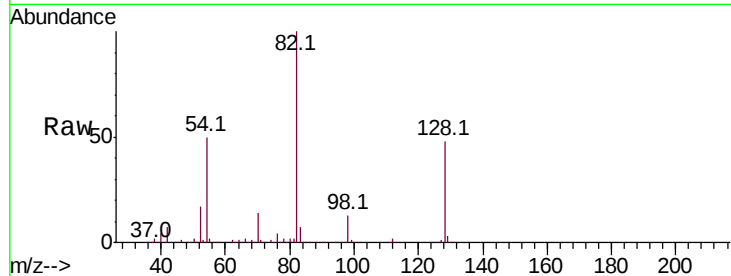




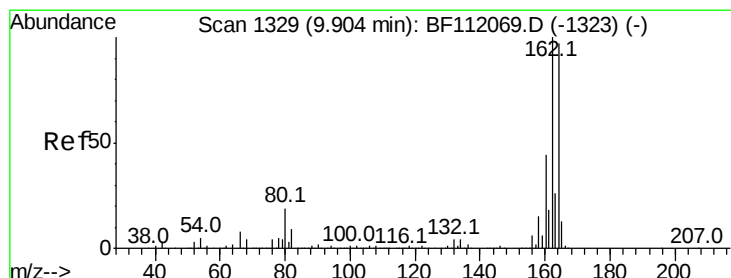
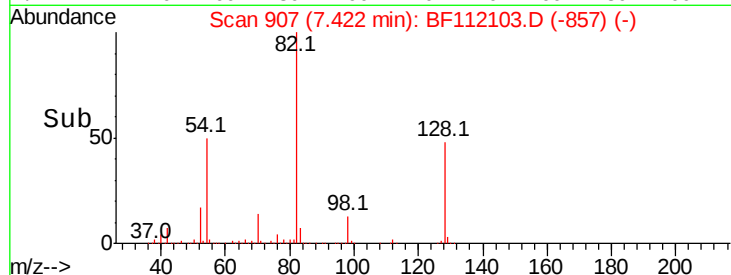
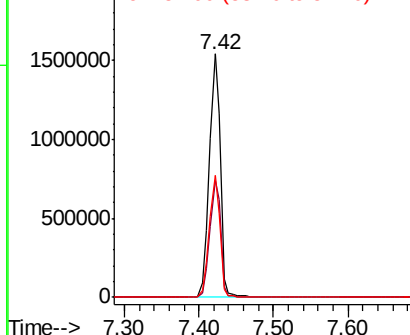
#23
Nitrobenzene-d5
Concen: 102.482 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion: 82 Resp: 1586562
Ion Ratio Lower Upper
82 100
128 47.8 37.8 56.8
54 50.0 39.7 59.5

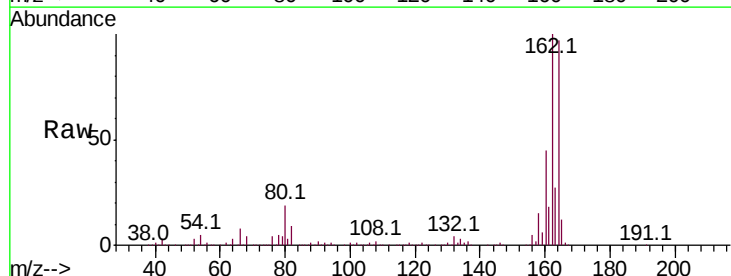


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

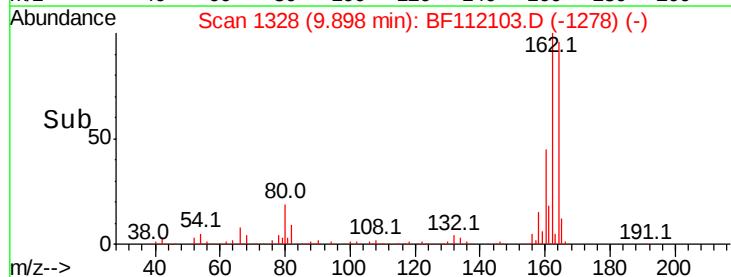
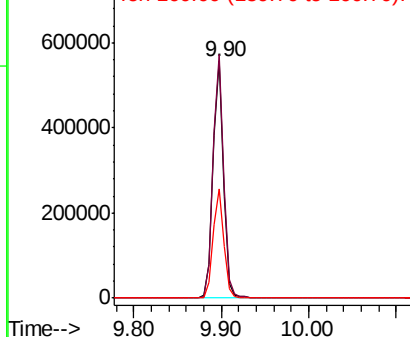


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion: 164 Resp: 468211
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.4
160 46.3 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

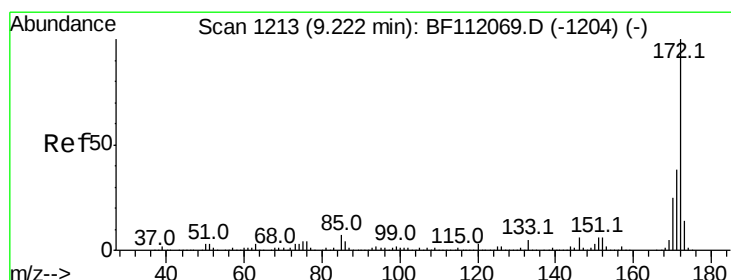
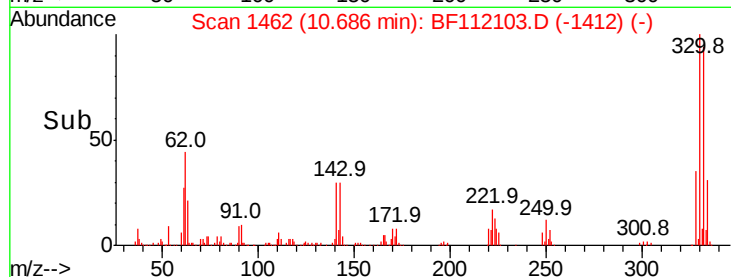
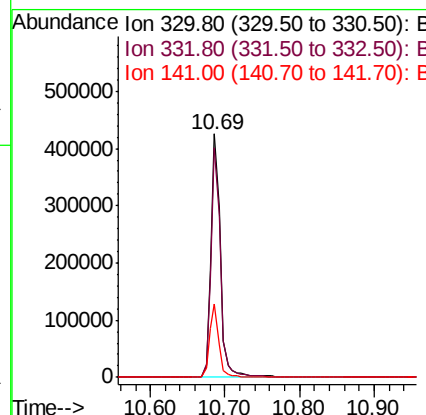
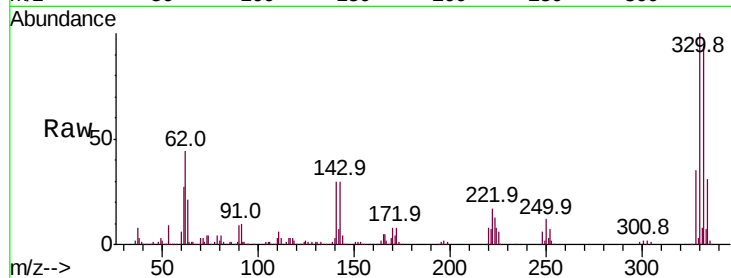




#42
 2,4,6-Tribromophenol
 Concen: 75.136 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112103.D
 Acq: 17 Jan 2019 22:24

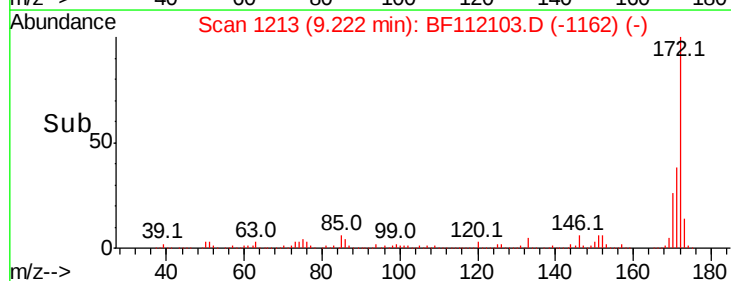
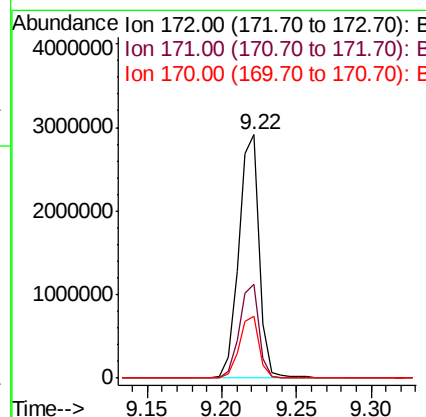
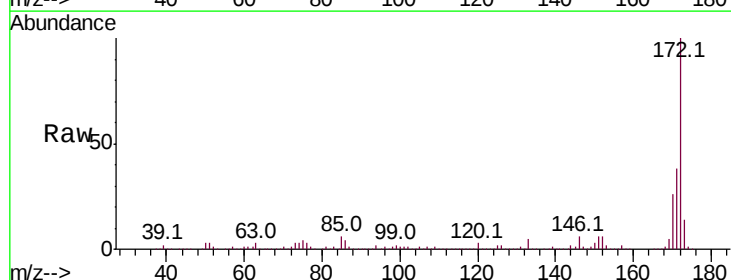
Instrument :
 BNA_F
 ClientSampleId :
 011519-BLST-E-U-B

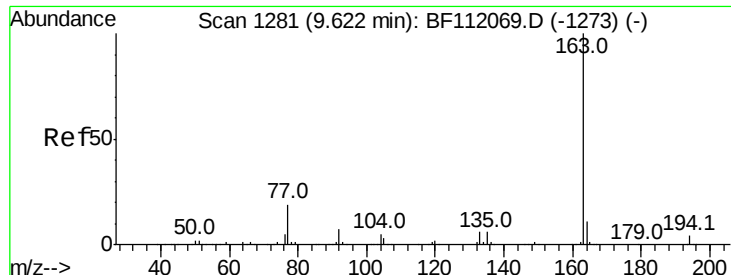
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	29.7	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 88.117 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF112103.D
 Acq: 17 Jan 2019 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.5	45.7
170	25.5	20.2	30.4

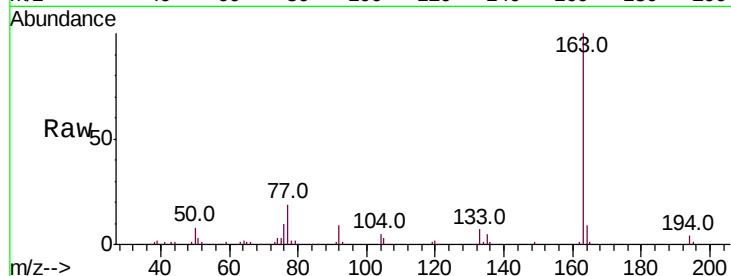




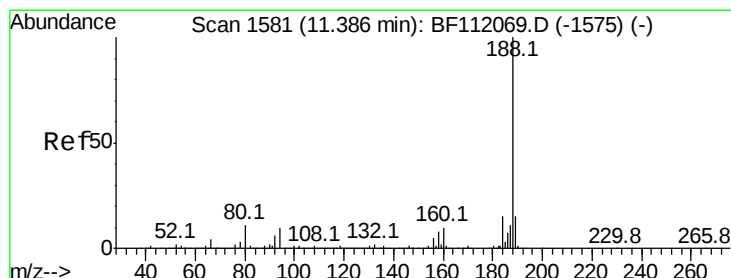
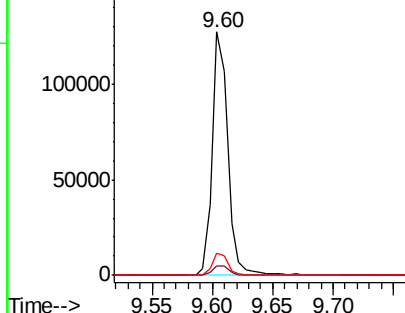
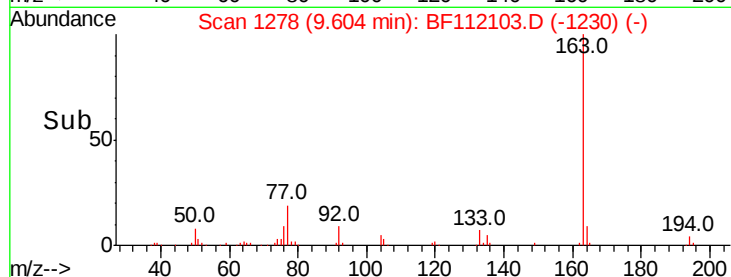
#50
Dimethylphthalate
Concen: 3.316 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.2	8.5	12.7

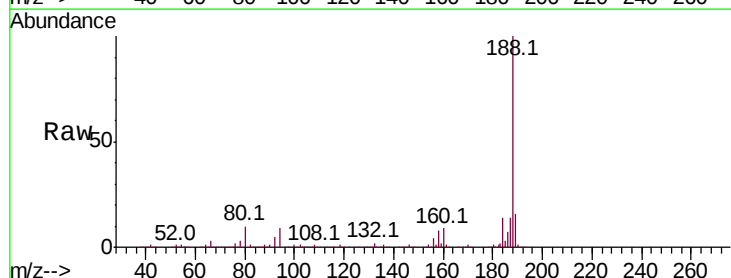


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

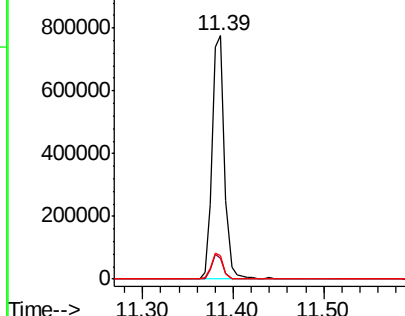
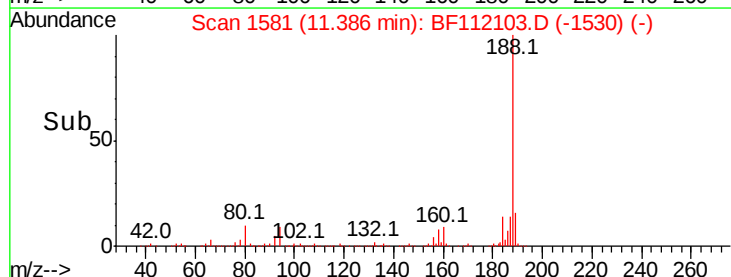


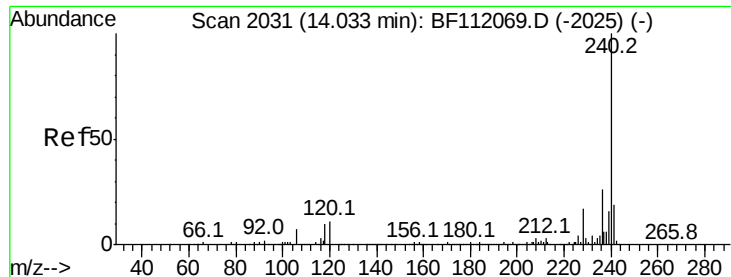
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.5	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

Instrument :

BNA_F

ClientSampleId :

011519-BLST-E-U-B

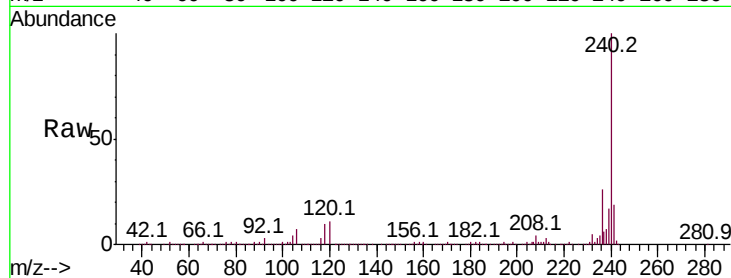
Tot Ion:240 Resp: 663892

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

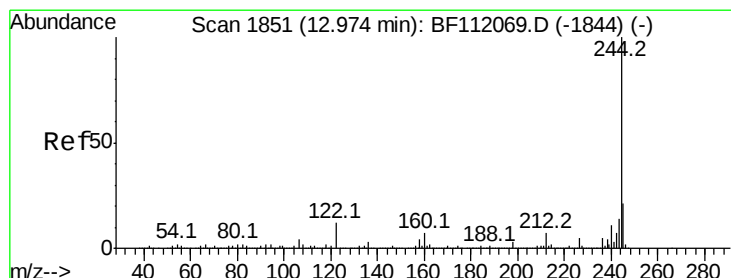
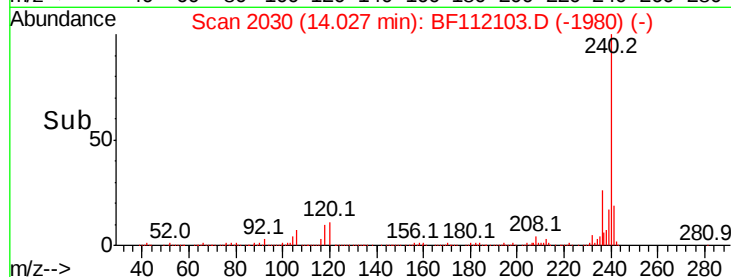
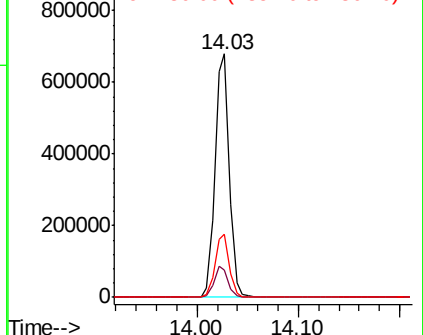
236 25.9 20.7 31.1



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: 72.342 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF112103.D

Acq: 17 Jan 2019 22:24

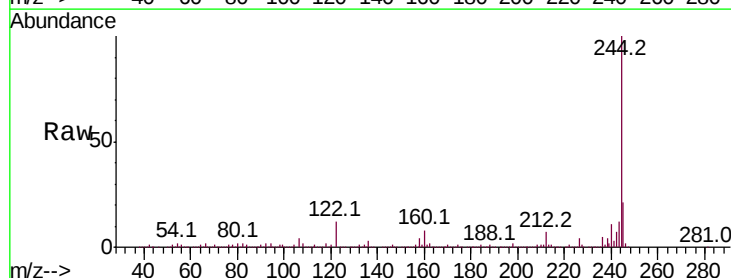
Tgt Ion:244 Resp: 2257578

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

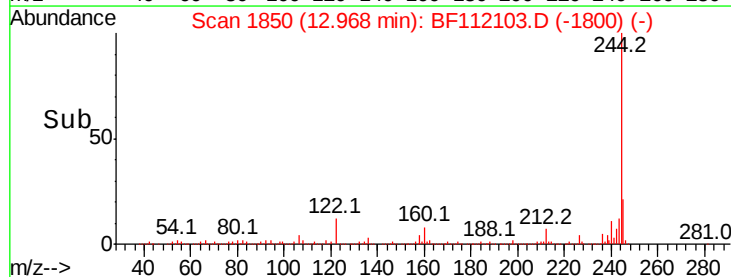
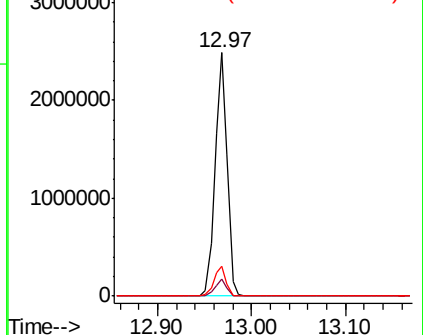
122 12.4 9.8 14.6

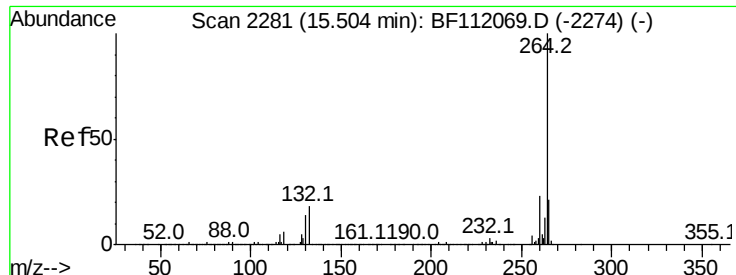


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF112103.D
Acq: 17 Jan 2019 22:24

Instrument :
BNA_F
ClientSampleId :
011519-BLST-E-U-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.2
265	21.0	17.0	25.4

