

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112679.D
 Acq On : 22 Feb 2019 22:00
 Operator : JU/SJ
 Sample : K1566-01 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23377

Quant Time: Feb 22 22:38:02 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

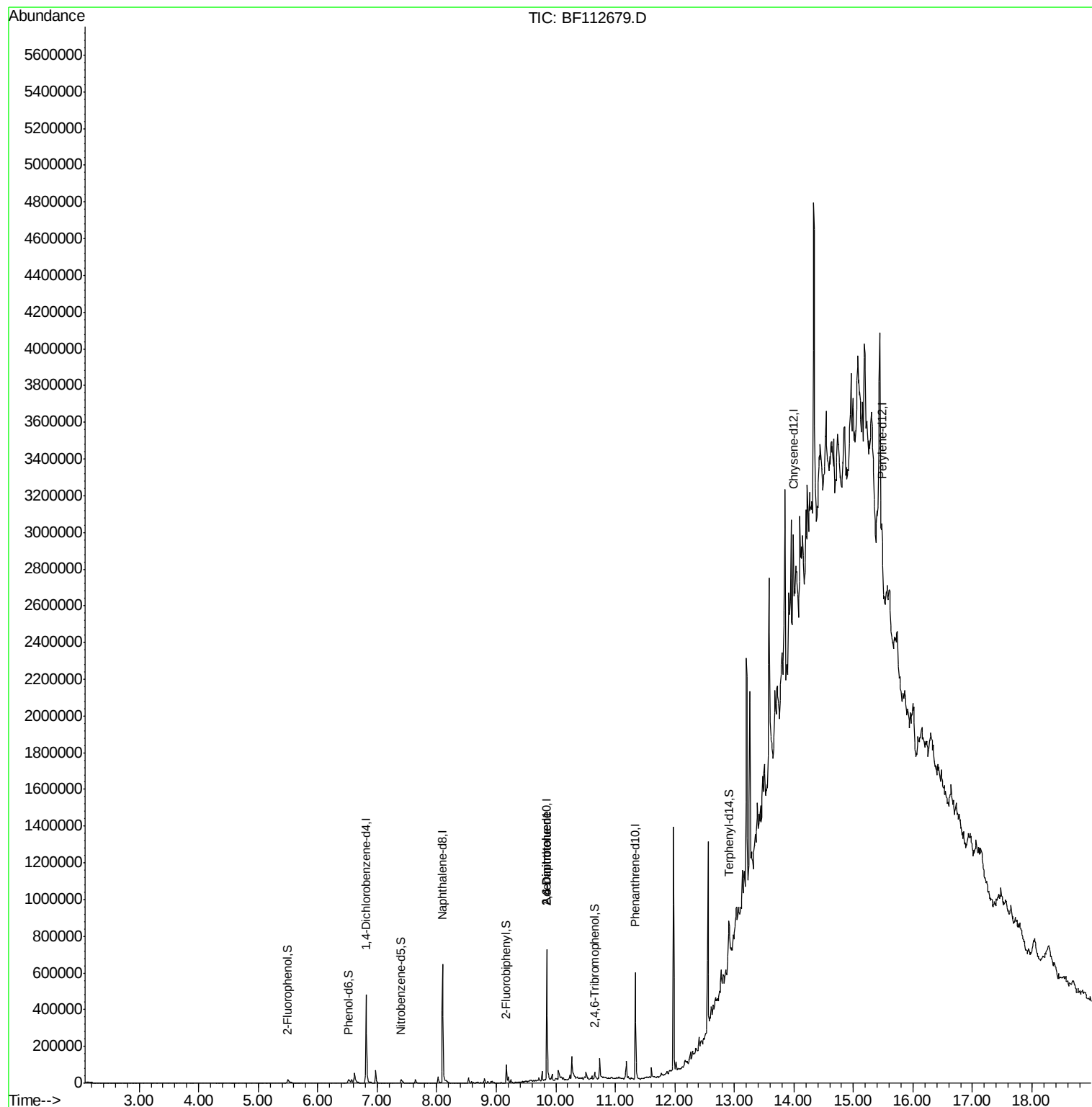
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81635	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	335946	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	145065	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	219467	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	153182	20.00	ng	-0.02
87) Perylene-d12	15.48	264	157238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	15539	4.04	ng	0.01
7) Phenol-d6	6.52	99	23501	4.40	ng	0.03
23) Nitrobenzene-d5	7.40	82	17376	2.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	6614	3.92	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	42002	4.10	ng	-0.04
79) Terphenyl-d14	12.92	244	30393	3.74	ng	-0.04
Target Compounds						
51) 2,6-Dinitrotoluene	9.85	165	18756	7.430	ng	# 35
57) 2,4-Dinitrotoluene	9.85	165	18756	5.837	ng	# 33

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

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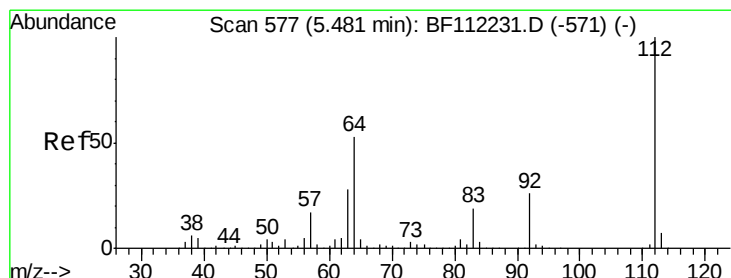
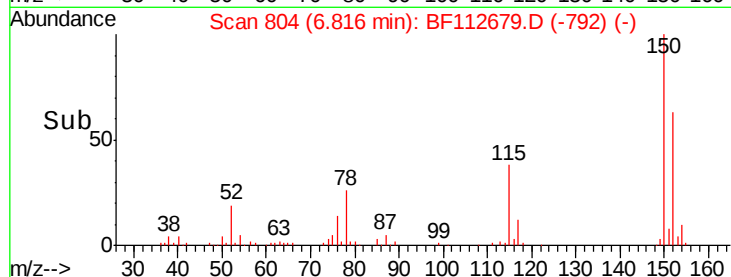
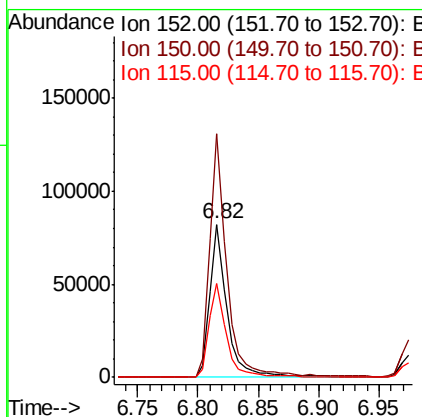
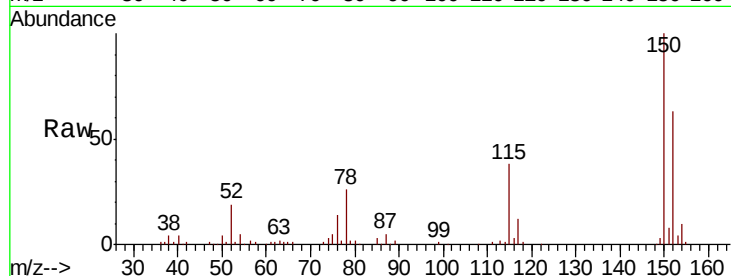




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

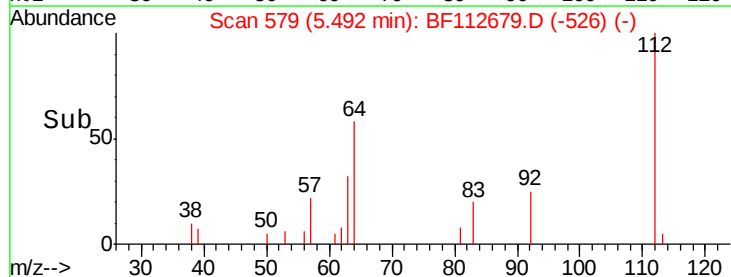
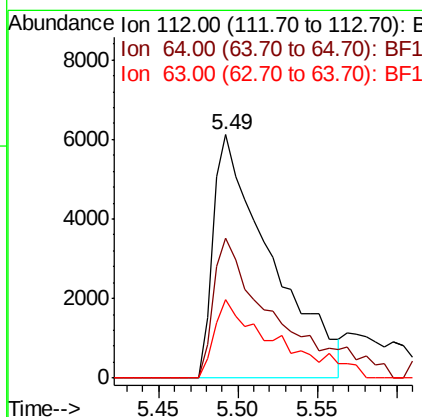
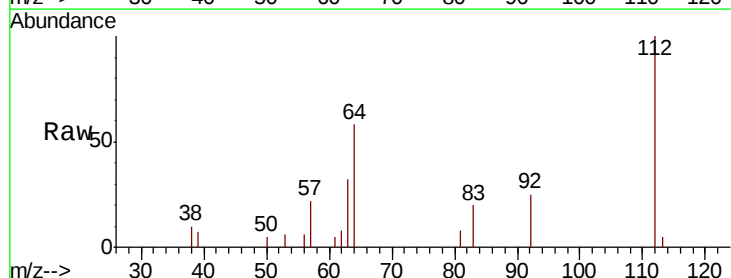
Instrument :
 BNA_F
 ClientSampleId :
 23377

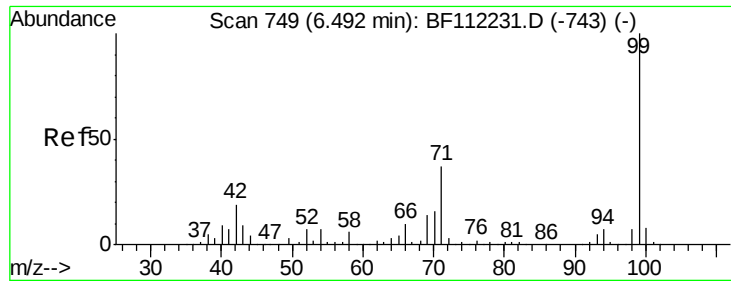
Tgt Ion:152 Resp: 81635
 Ion Ratio Lower Upper
 152 100
 150 158.8 127.4 191.0
 115 60.9 45.5 68.3



#5
 2-Fluorophenol
 Concen: 4.043 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

Tgt Ion:112 Resp: 15539
 Ion Ratio Lower Upper
 112 100
 64 57.6 45.7 68.5
 63 32.1 23.6 35.4





#7

Phenol-d6

Concen: 4.401 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.03 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

Instrument :

BNA_F

ClientSampleId :

23377

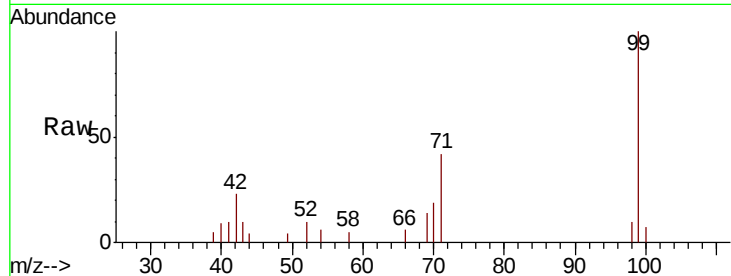
Tgt Ion: 99 Resp: 23501

Ion Ratio Lower Upper

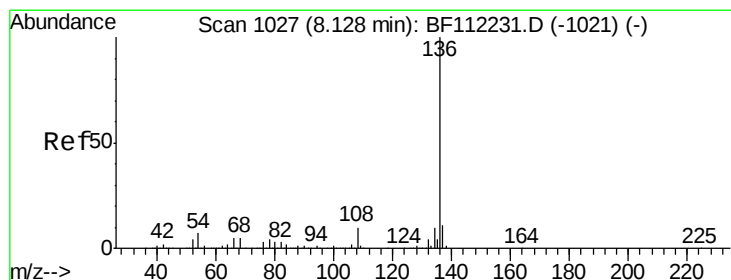
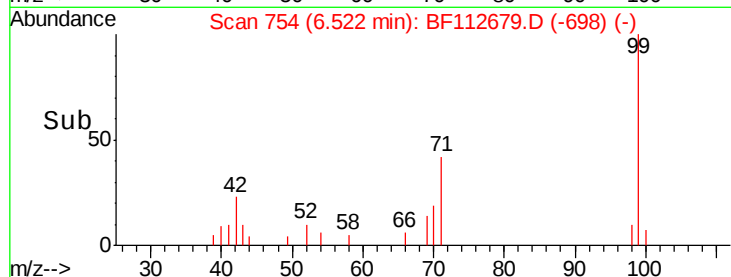
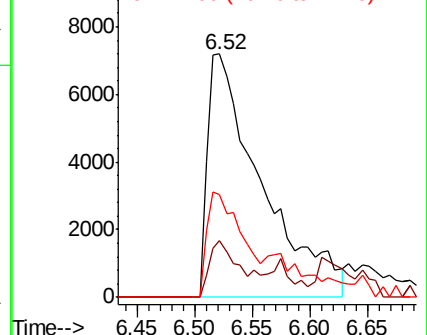
99 100

42 23.2 15.1 22.7#

71 42.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

Tgt Ion: 136 Resp: 335946

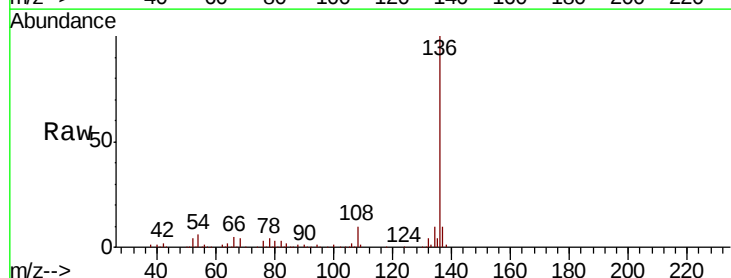
Ion Ratio Lower Upper

136 100

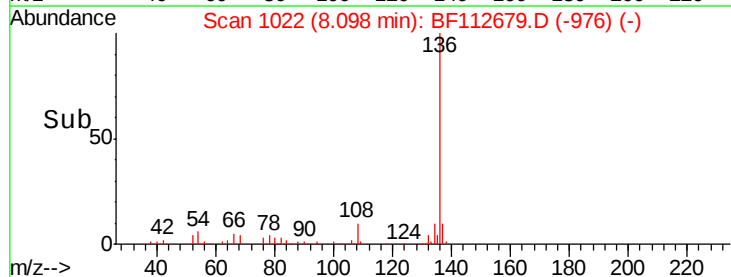
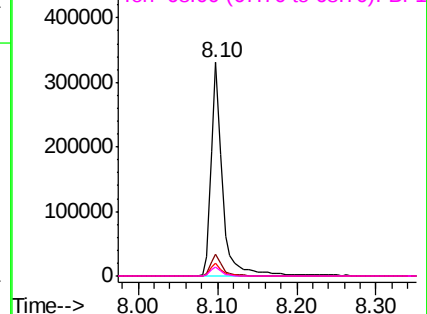
137 9.9 9.1 13.7

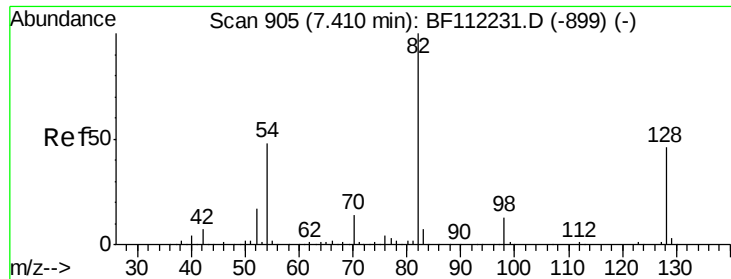
54 6.3 5.9 8.9

68 4.2 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

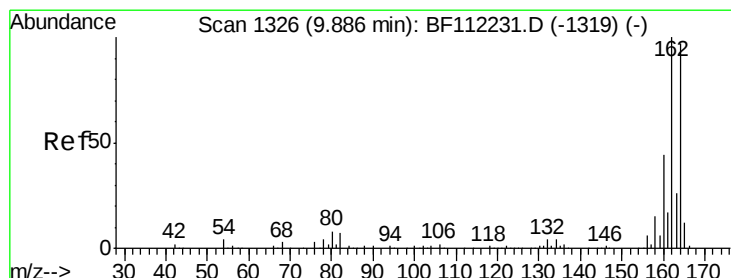
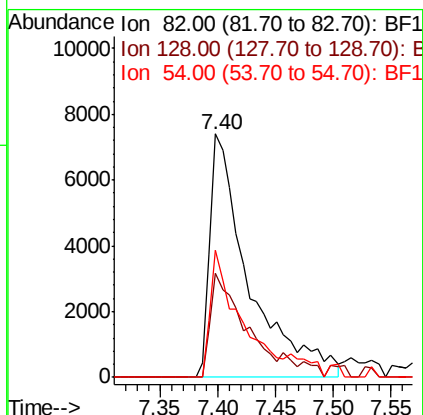
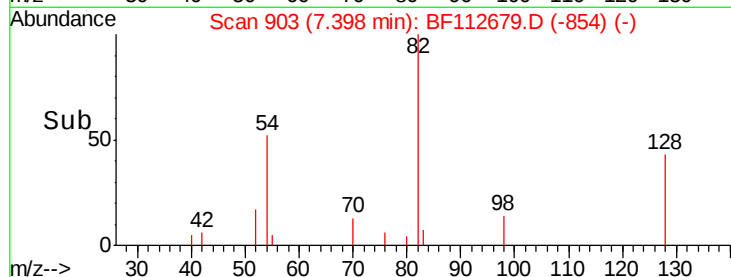
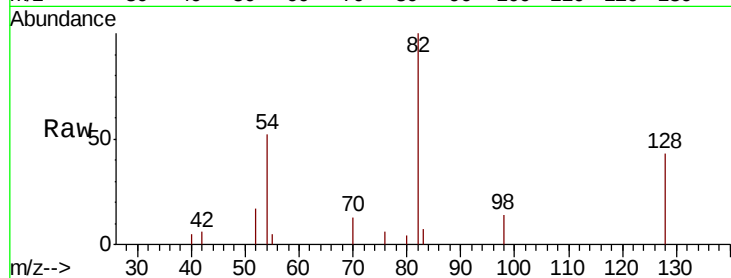




#23
Nitrobenzene-d5
Concen: 2.980 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

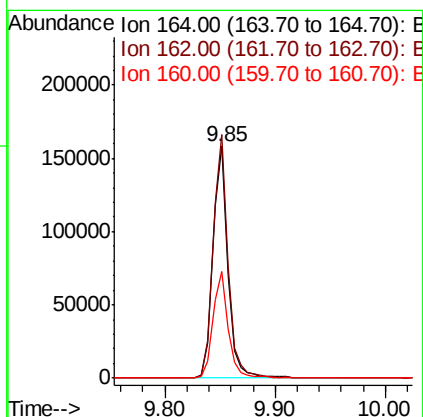
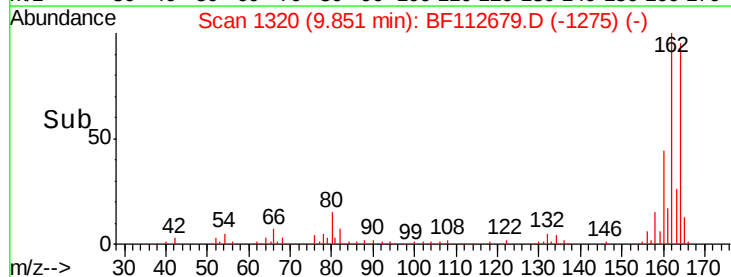
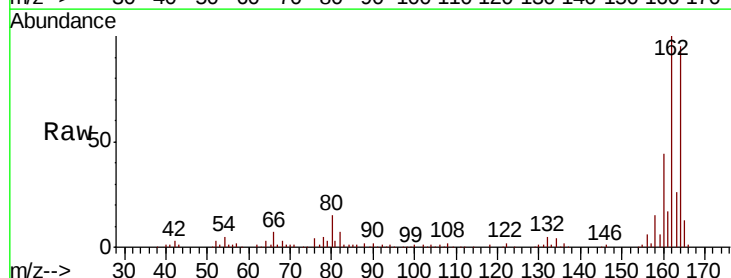
Instrument :
BNA_F
ClientSampleId :
23377

Tgt Ion: 82 Resp: 17376
Ion Ratio Lower Upper
82 100
128 42.5 37.8 56.8
54 52.0 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

Tgt Ion: 164 Resp: 145065
Ion Ratio Lower Upper
164 100
162 105.1 82.2 123.4
160 46.3 36.2 54.4

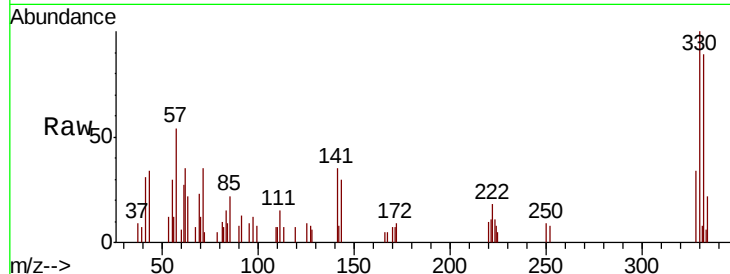




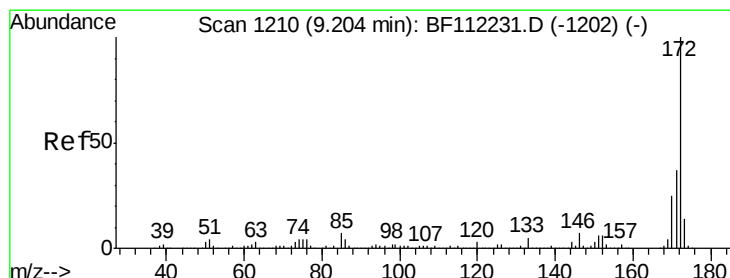
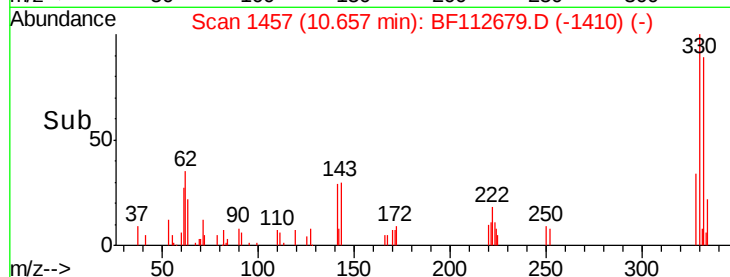
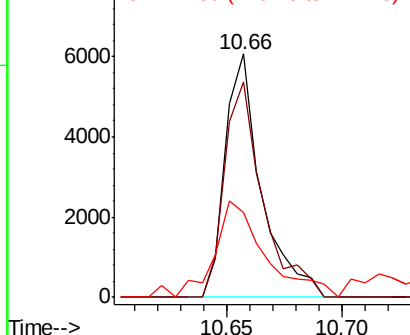
#42
 2,4,6-Tribromophenol
 Concen: 3.917 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

Instrument :
 BNA_F
 ClientSampleId :
 23377

Tgt Ion: 330 Resp: 6614
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.6 114.8
 141 56.2 24.3 36.5#

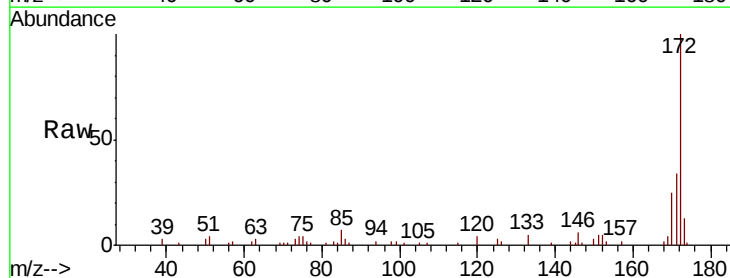


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

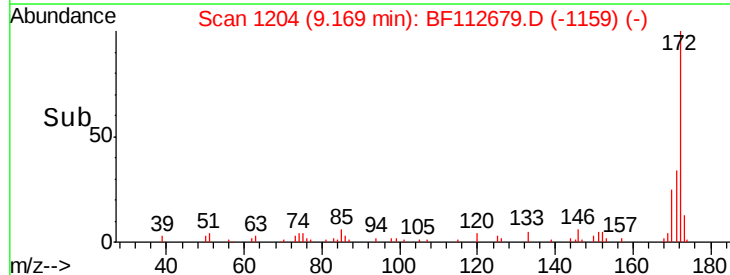
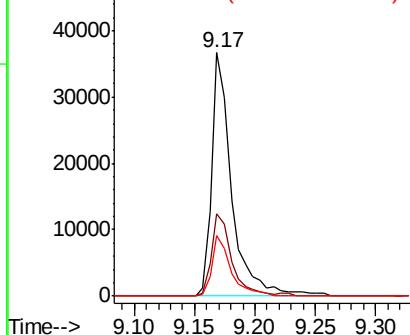


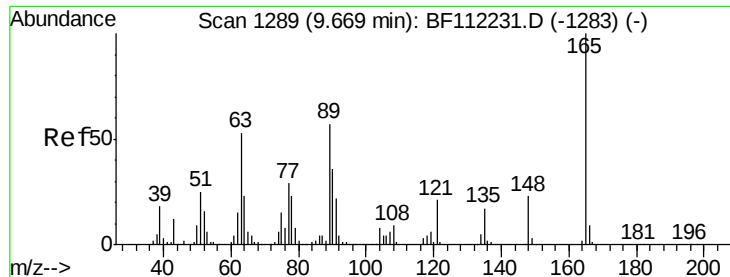
#45
 2-Fluorobiphenyl
 Concen: 4.095 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

Tgt Ion: 172 Resp: 42002
 Ion Ratio Lower Upper
 172 100
 171 33.6 30.5 45.7
 170 24.9 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

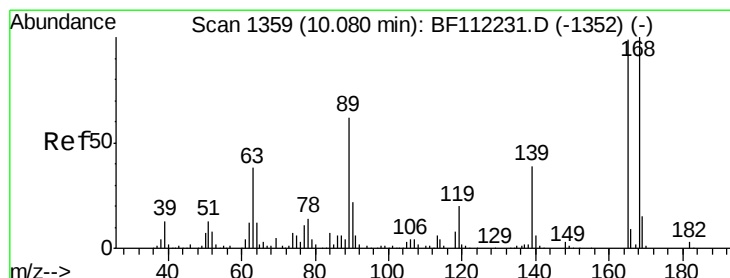
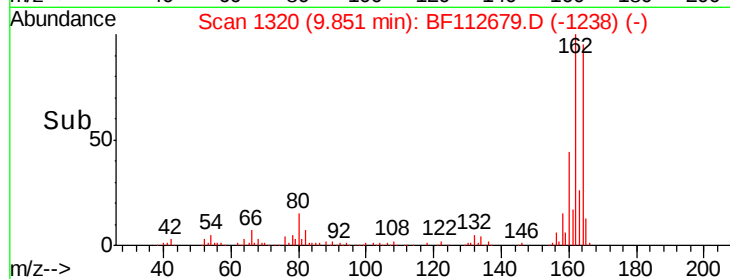
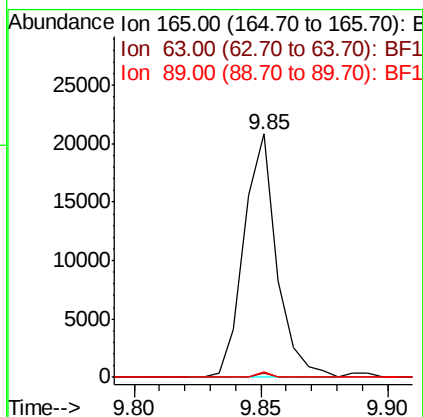
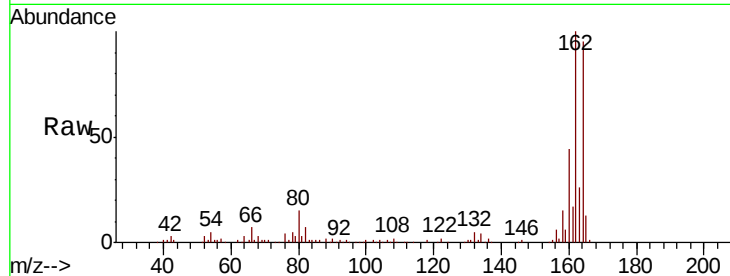




#51
 2,6-Dinitrotoluene
 Concen: 7.430 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.18 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

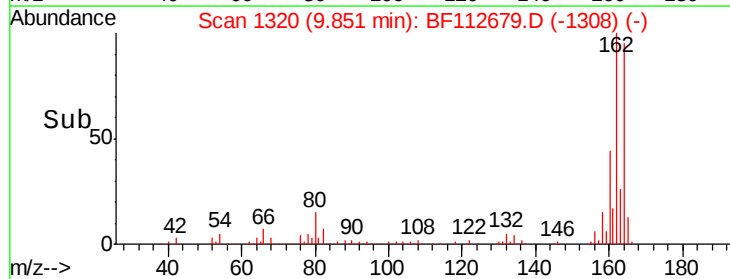
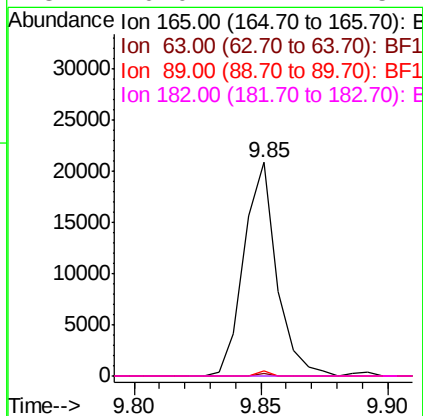
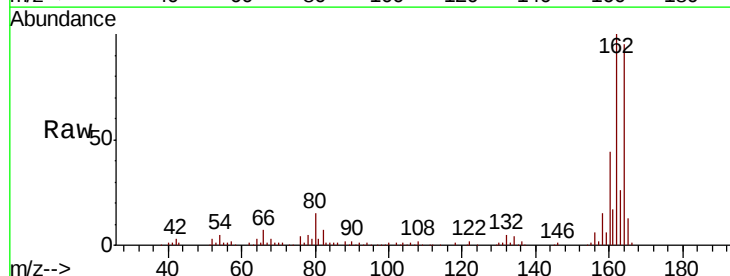
Instrument :
 BNA_F
 ClientSampled :
 23377

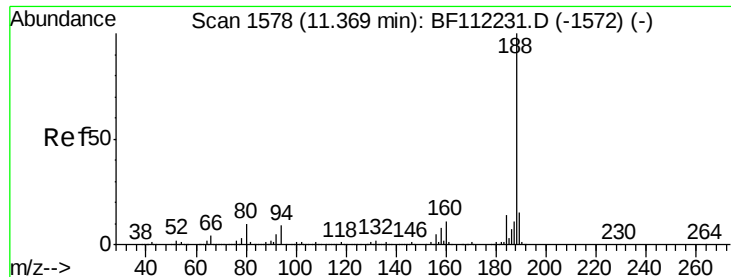
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.8#
89	2.5	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.837 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF112679.D
 Acq: 22 Feb 2019 22:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	27.9	41.9#
89	2.5	47.9	71.9#
182	0.0	2.2	3.4#

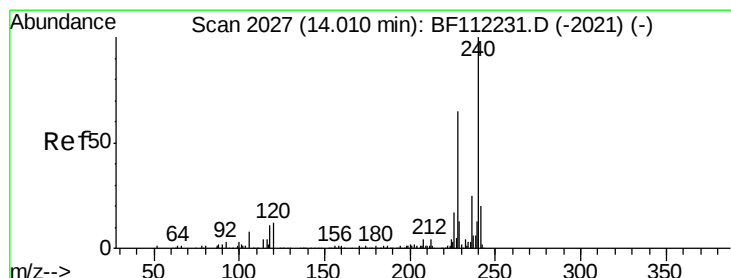
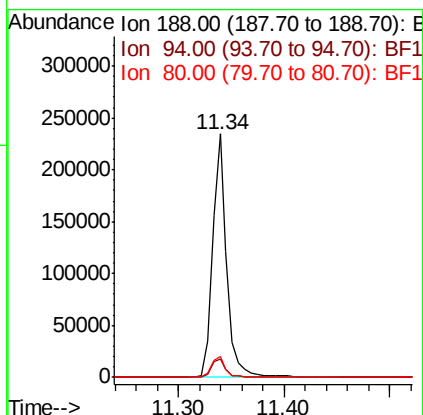
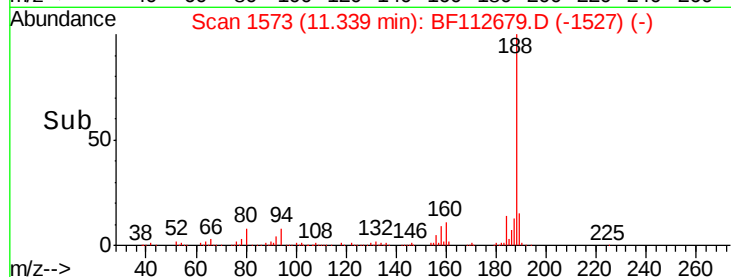
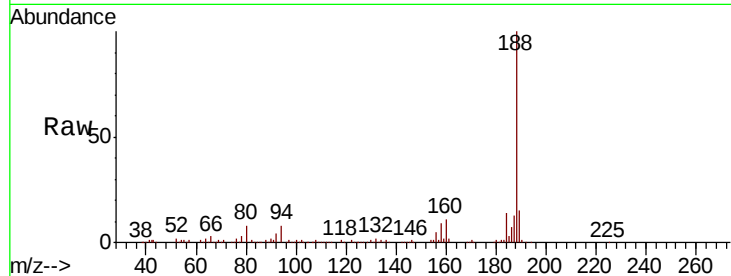




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

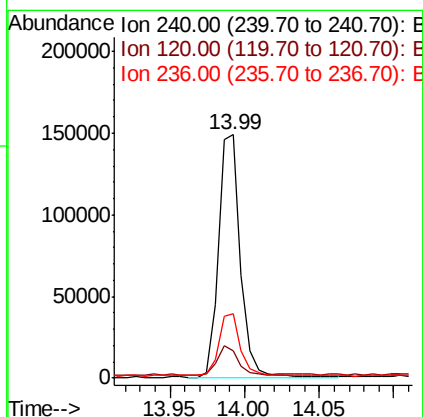
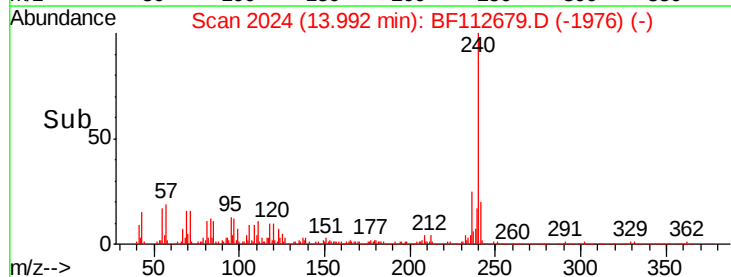
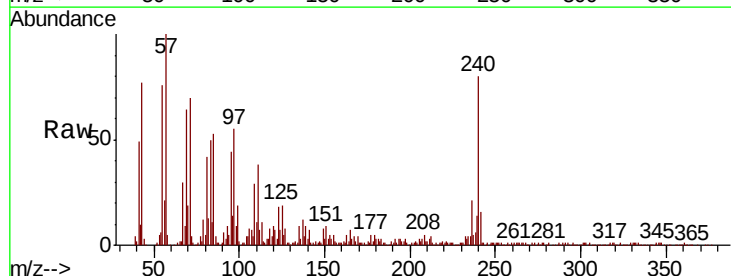
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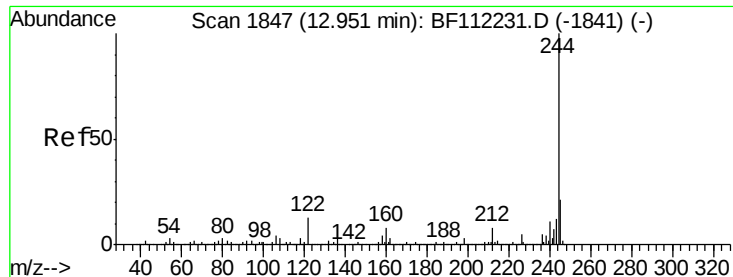
Tgt Ion:188 Resp: 219467
Ion Ratio Lower Upper
188 100
94 7.6 8.2 12.2#
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF112679.D
Acq: 22 Feb 2019 22:00

Tgt Ion:240 Resp: 153182
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.6
236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 3.737 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

Instrument :

BNA_F

ClientSampleId :

23377

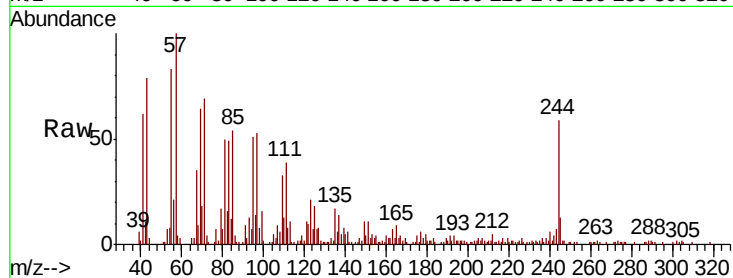
Tgt Ion:244 Resp: 30393

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

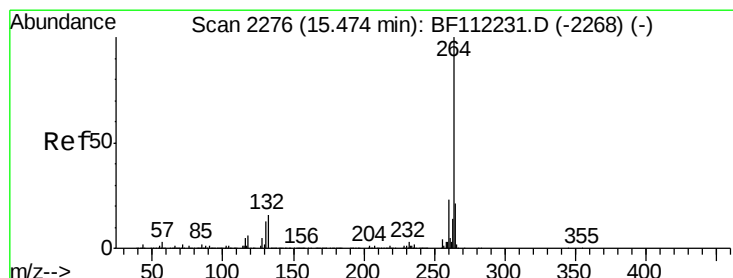
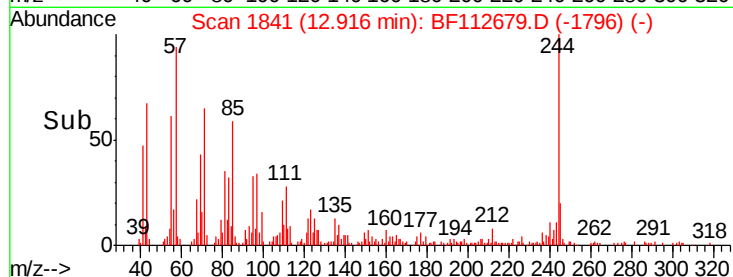
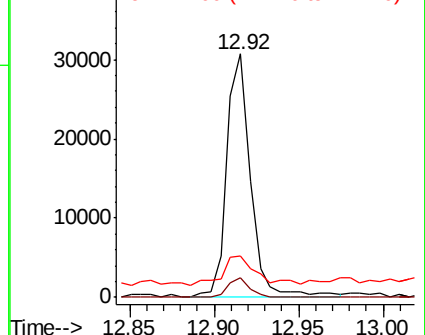
122 16.8 9.8 14.6#



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: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF112679.D

Acq: 22 Feb 2019 22:00

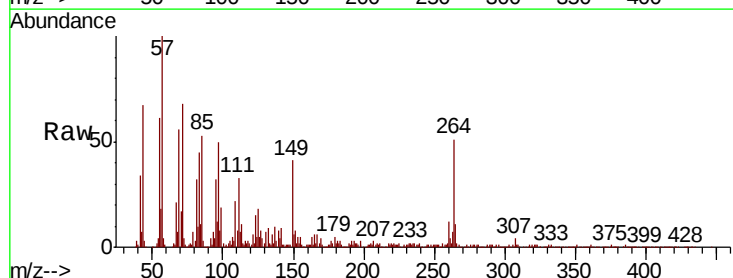
Tgt Ion:264 Resp: 157238

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.7 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

