

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112567.D
 Acq On : 14 Feb 2019 14:58
 Operator : JU/SJ
 Sample : K1350-05 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-A

Quant Time: Feb 15 04:21:58 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

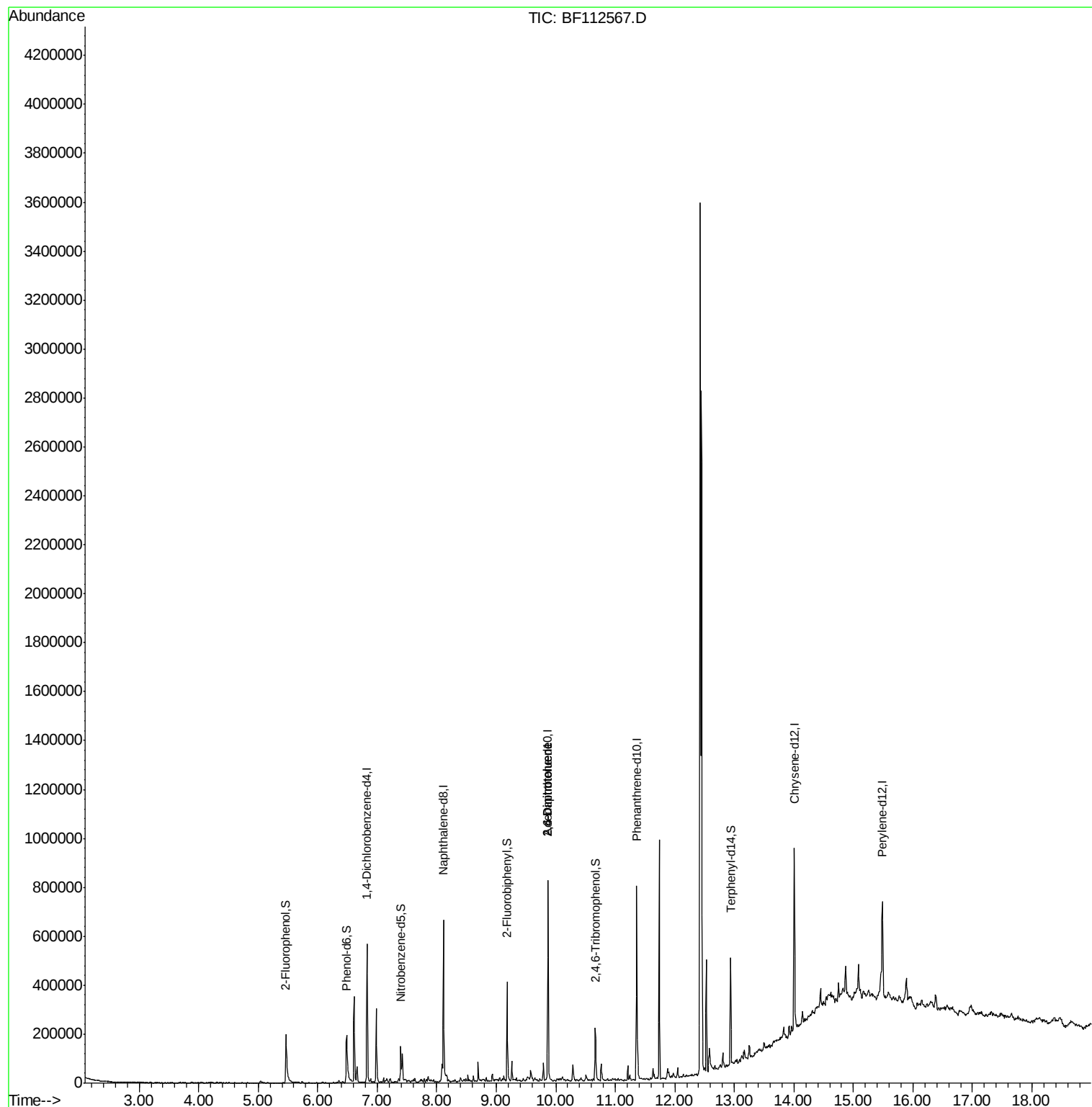
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	91279	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	346959	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	155618	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	288476	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	258194	20.00	ng	0.00
87) Perylene-d12	15.49	264	191263	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	91760	21.35	ng	-0.01
7) Phenol-d6	6.49	99	117455	19.67	ng	0.00
23) Nitrobenzene-d5	7.39	82	69474	11.54	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	30670	16.93	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	141786	12.89	ng	-0.02
79) Terphenyl-d14	12.94	244	140897	10.28	ng	-0.01
Target Compounds						
51) 2,6-Dinitrotoluene	9.87	165	20567	7.595	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	20567	5.966	ng	# 32

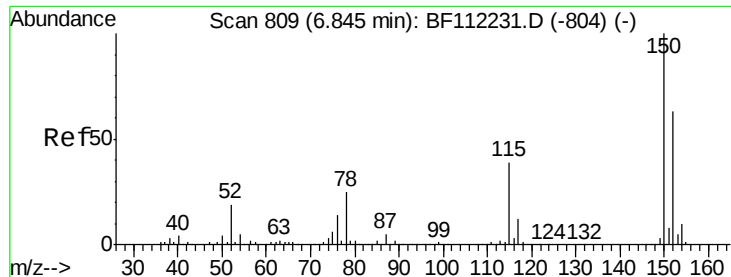
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-A

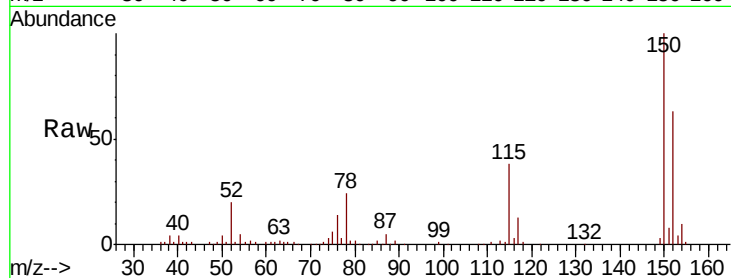
Tot Ion:152 Resp: 91279

Ion Ratio Lower Upper

152 100

150 157.5 127.4 191.0

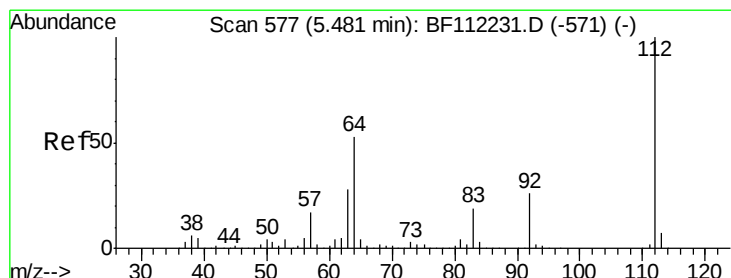
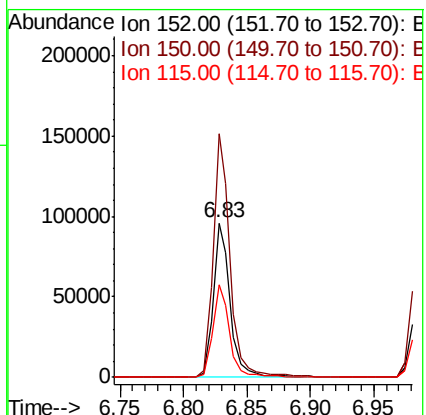
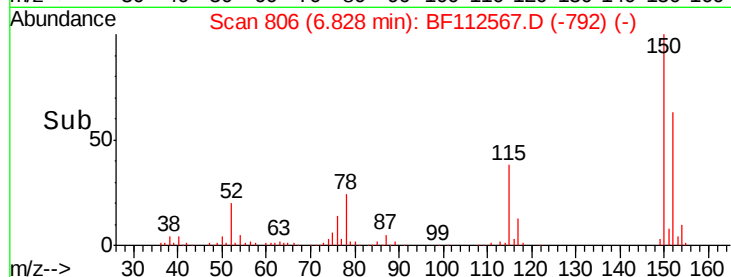
115 59.8 45.5 68.3



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: 21.353 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

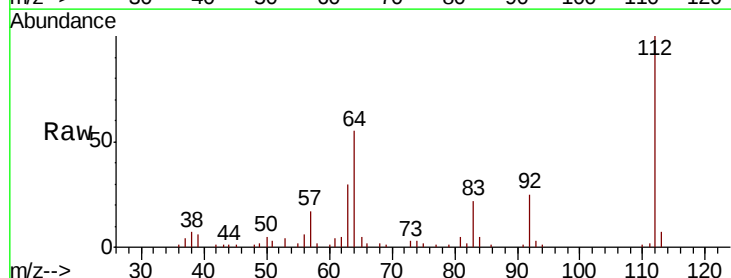
Tgt Ion:112 Resp: 91760

Ion Ratio Lower Upper

112 100

64 55.1 45.7 68.5

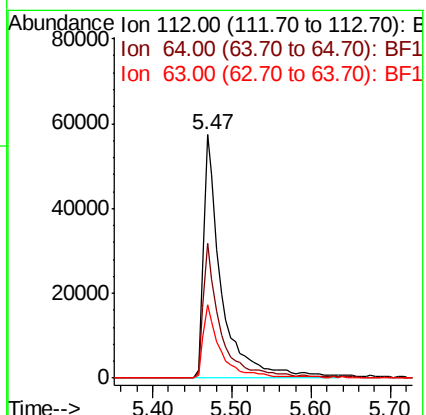
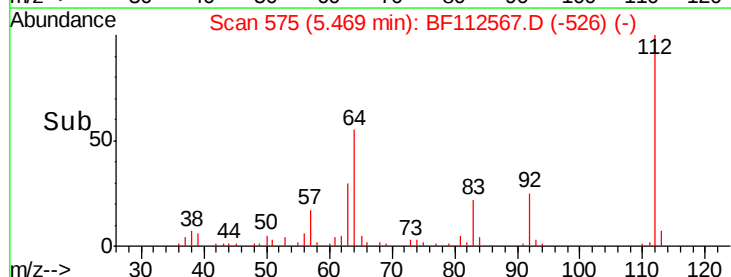
63 30.3 23.6 35.4



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: 19.670 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-A

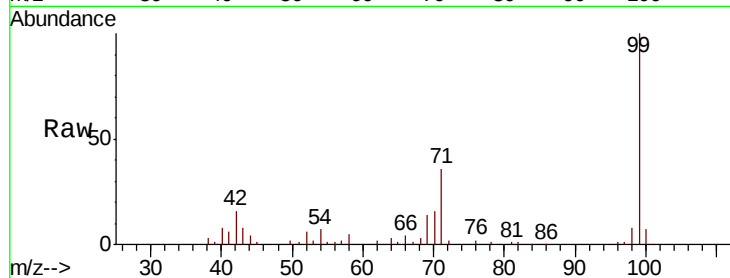
Tot Ion: 99 Resp: 117455

Ion Ratio Lower Upper

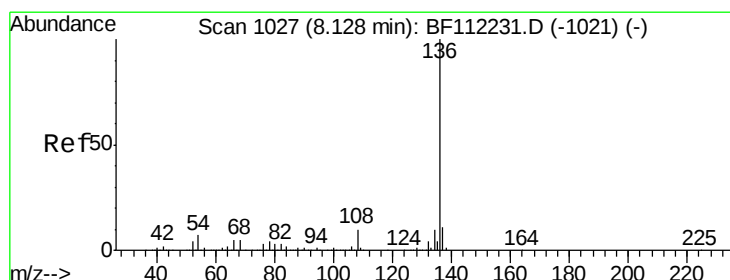
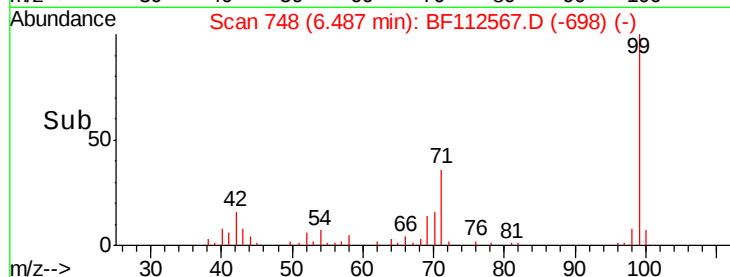
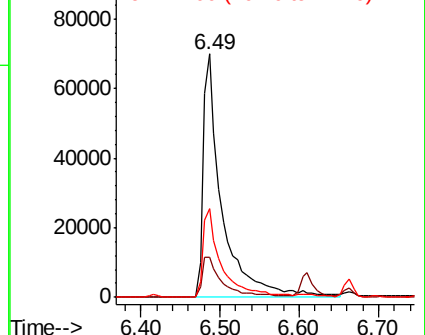
99 100

42 16.3 15.1 22.7

71 36.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

Tgt Ion: 136 Resp: 346959

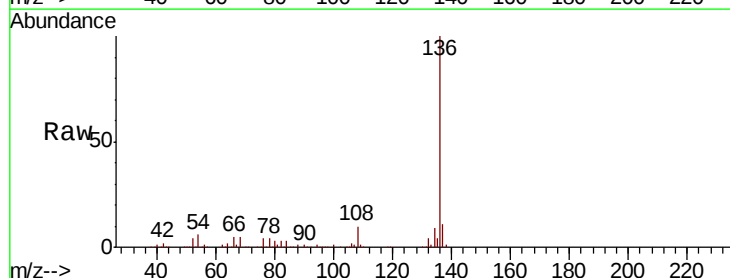
Ion Ratio Lower Upper

136 100

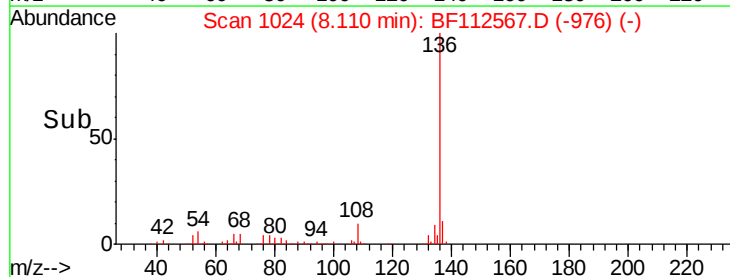
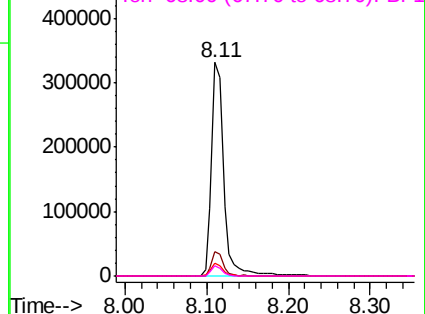
137 11.2 9.1 13.7

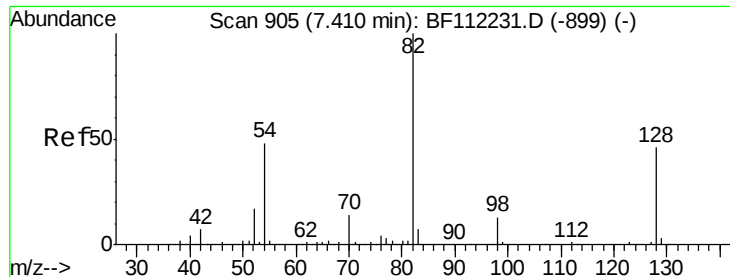
54 6.0 5.9 8.9

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

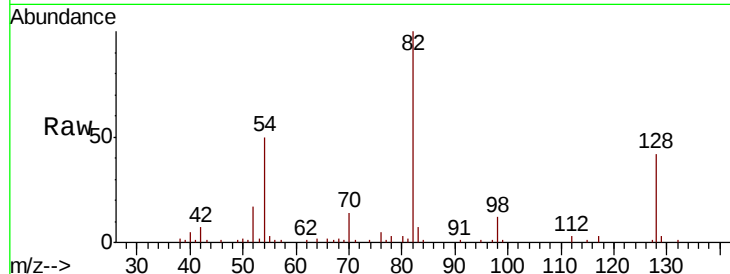




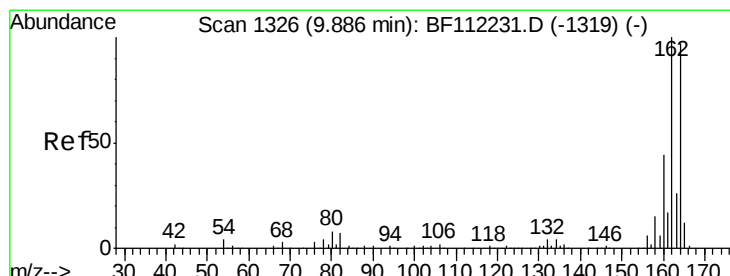
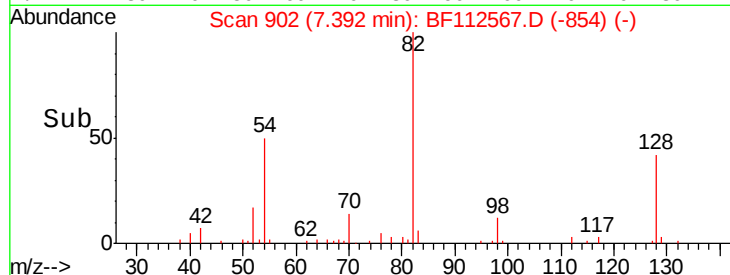
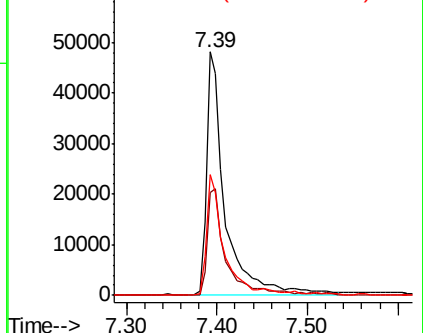
#23
 Nitrobenzene-d5
 Concen: 11.538 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112567.D
 Acq: 14 Feb 2019 14:58

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-021319-A

Tot Ion: 82 Resp: 69474
 Ion Ratio Lower Upper
 82 100
 128 42.1 37.8 56.8
 54 49.6 39.7 59.5

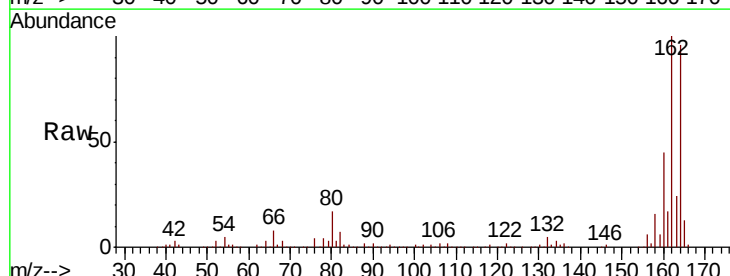


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

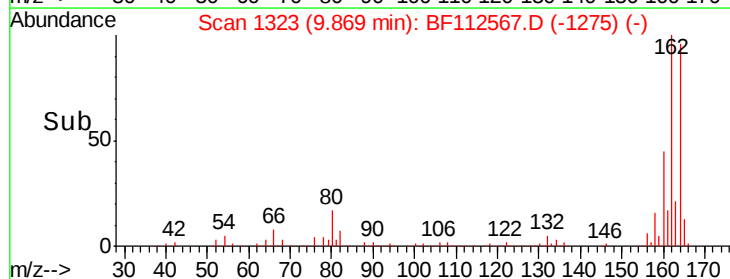
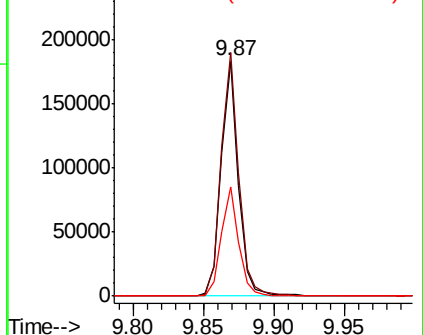


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112567.D
 Acq: 14 Feb 2019 14:58

Tgt Ion: 164 Resp: 155618
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.2 123.4
 160 46.3 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 16.932 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-A

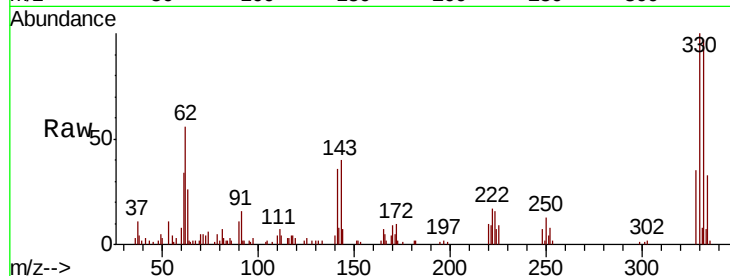
Tot Ion:330 Resp: 30670

Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

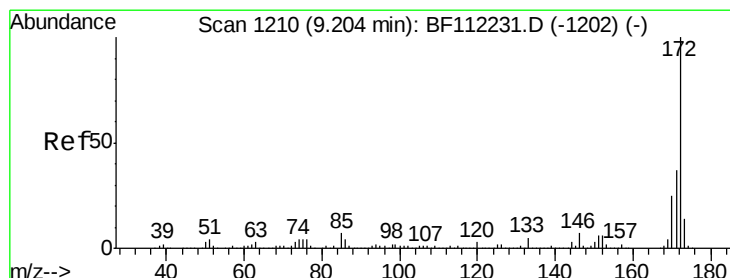
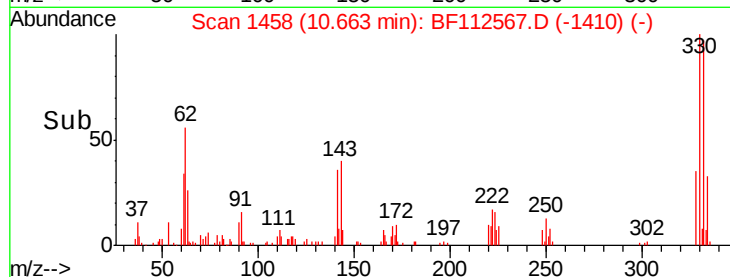
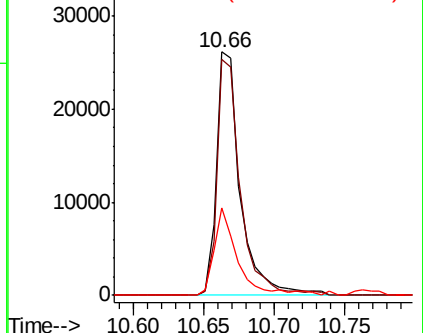
141 35.2 24.3 36.5



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: 12.886 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

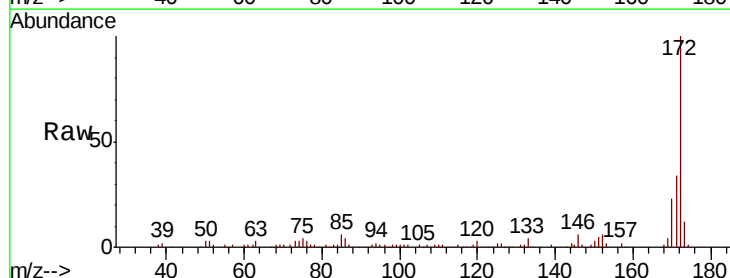
Tgt Ion:172 Resp: 141786

Ion Ratio Lower Upper

172 100

171 33.7 30.5 45.7

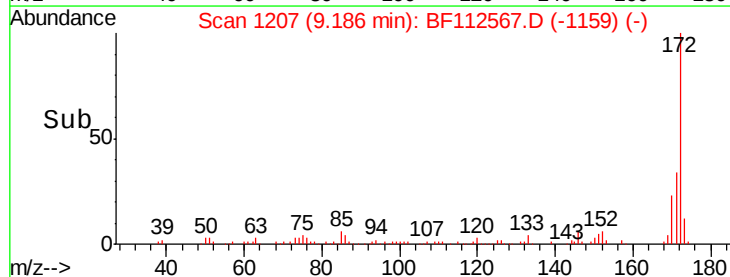
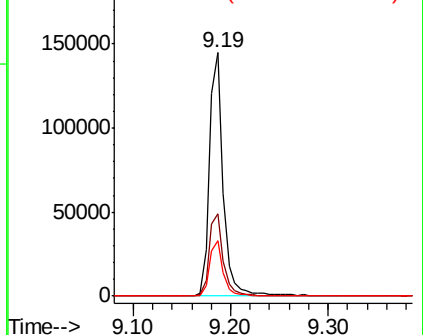
170 23.0 20.2 30.4

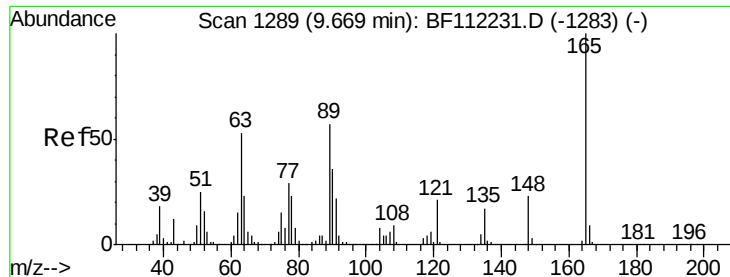


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

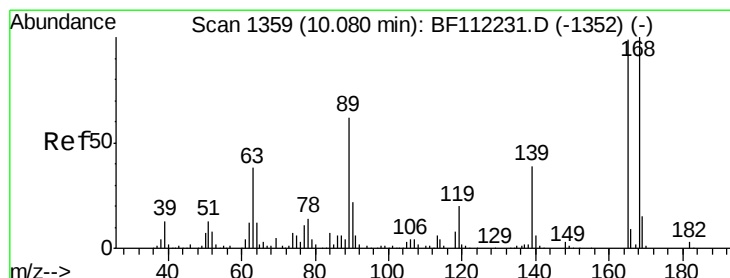
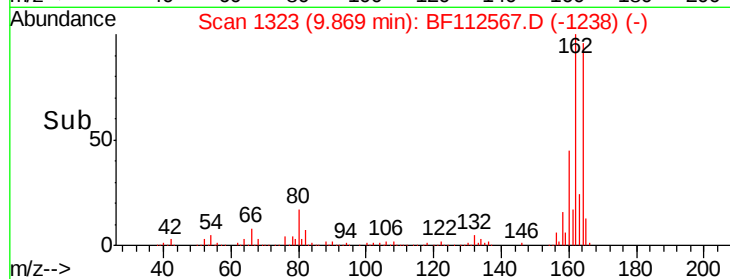
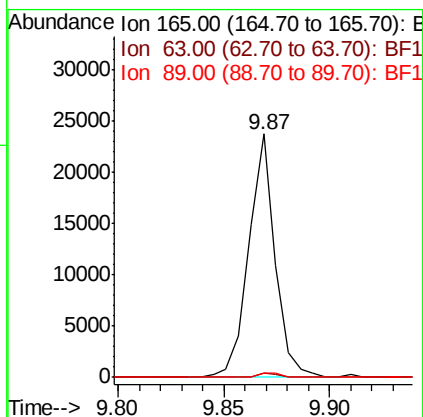
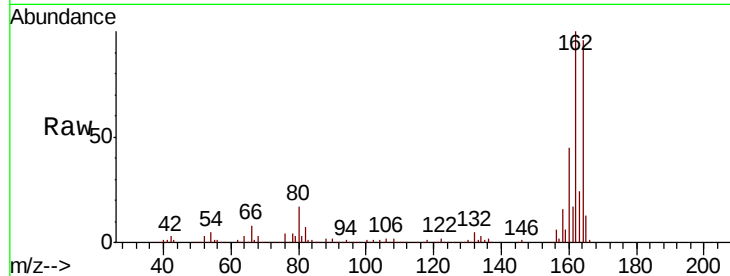




#51
 2,6-Dinitrotoluene
 Concen: 7.595 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF112567.D
 Acq: 14 Feb 2019 14:58

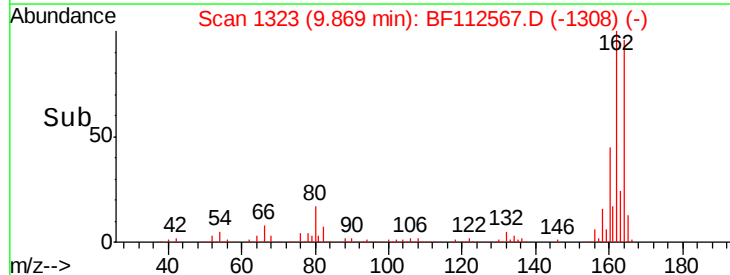
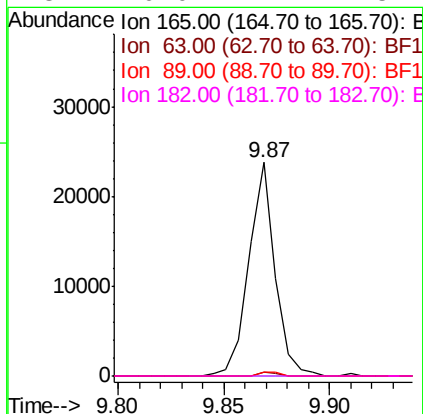
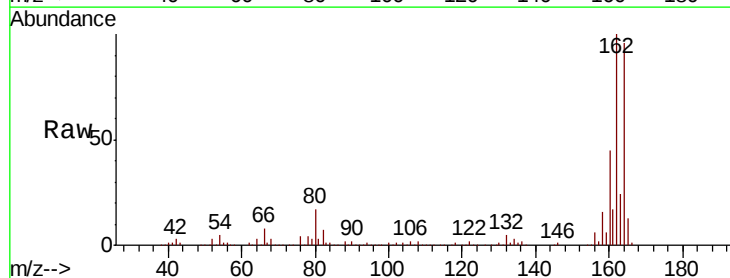
Instrument :
 BNA_F
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 EO-02-021319-A

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	1.7	36.9	55.3#



#57
 2,4-Dinitrotoluene
 Concen: 5.966 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112567.D
 Acq: 14 Feb 2019 14:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	27.9	41.9#
89	1.7	47.9	71.9#
182	0.0	2.2	3.4#

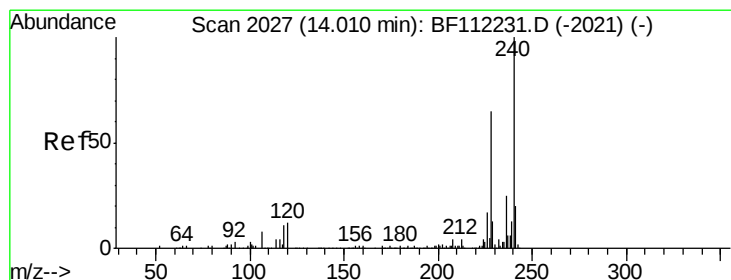
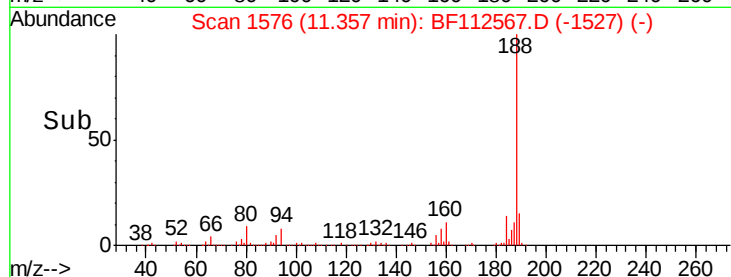
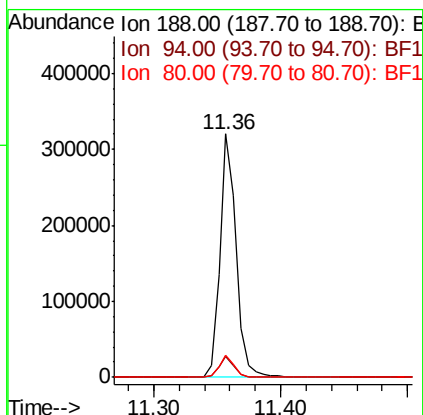
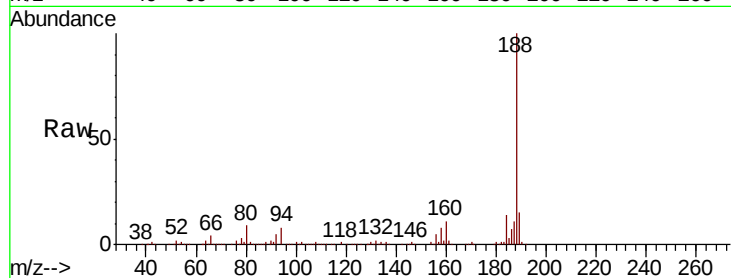




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112567.D
Acq: 14 Feb 2019 14:58

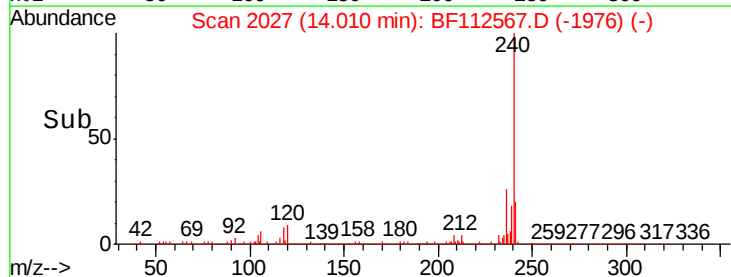
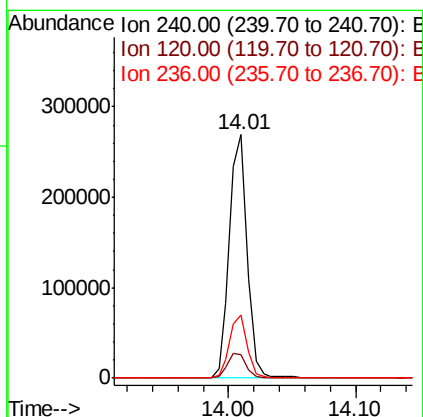
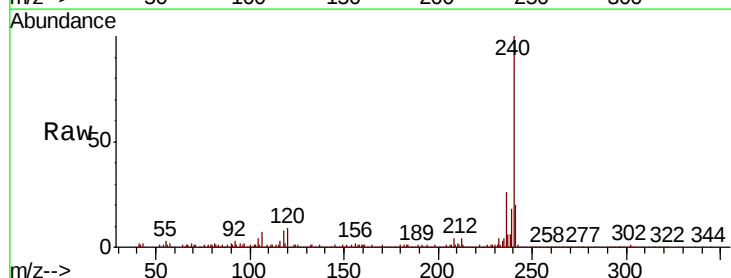
Instrument :
BNA_F
ClientSampleId :
EO-02-021319-A

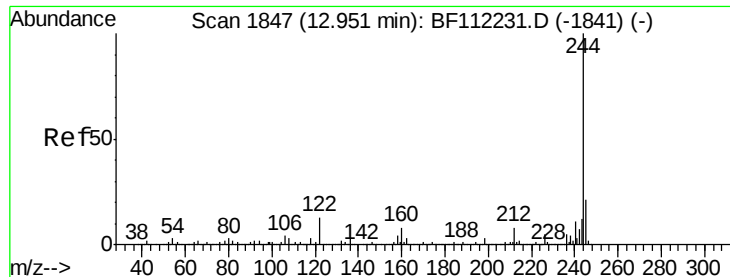
Tot Ion:188 Resp: 288476
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112567.D
Acq: 14 Feb 2019 14:58

Tgt Ion:240 Resp: 258194
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.6
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 10.278 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

Instrument :

BNA_F

ClientSampleId :

EO-02-021319-A

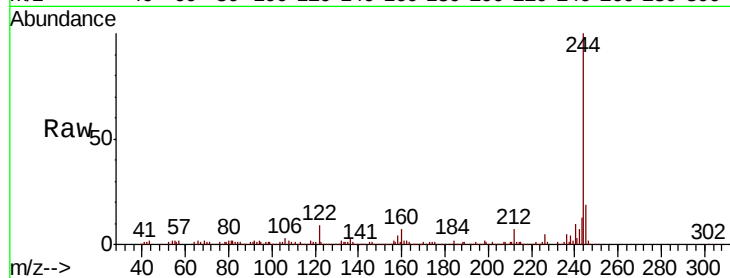
Tot Ion:244 Resp: 140897

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

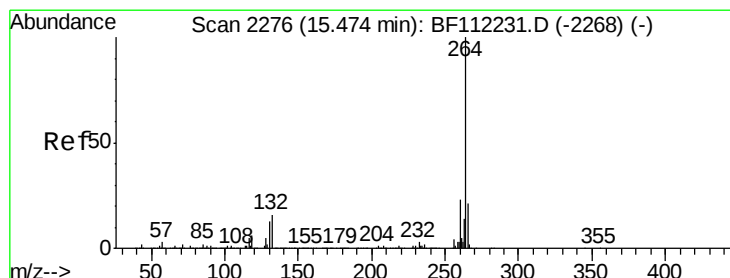
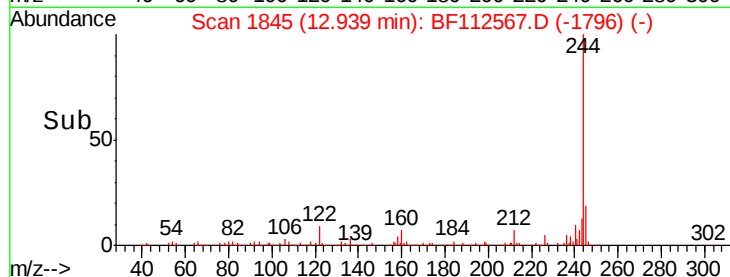
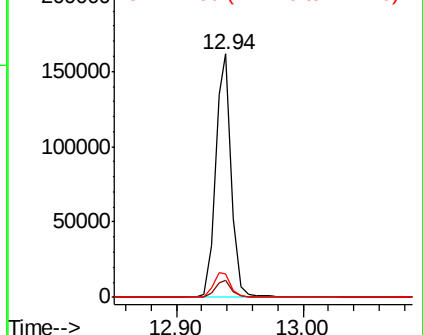
122 9.4 9.8 14.6#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112567.D

Acq: 14 Feb 2019 14:58

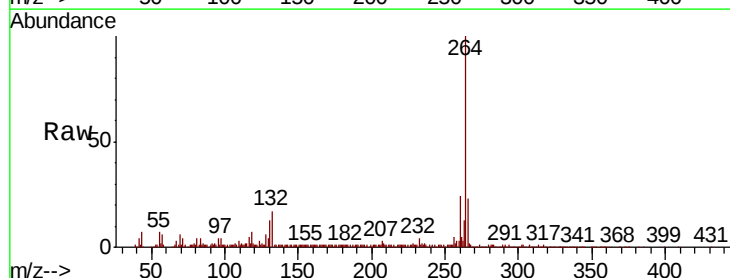
Tgt Ion:264 Resp: 191263

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 22.7 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

