

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
 Data File : BF112634.D
 Acq On : 19 Feb 2019 21:27
 Operator : JU/SJ
 Sample : K1513-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FLOORSRE

Quant Time: Feb 19 23:39:05 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

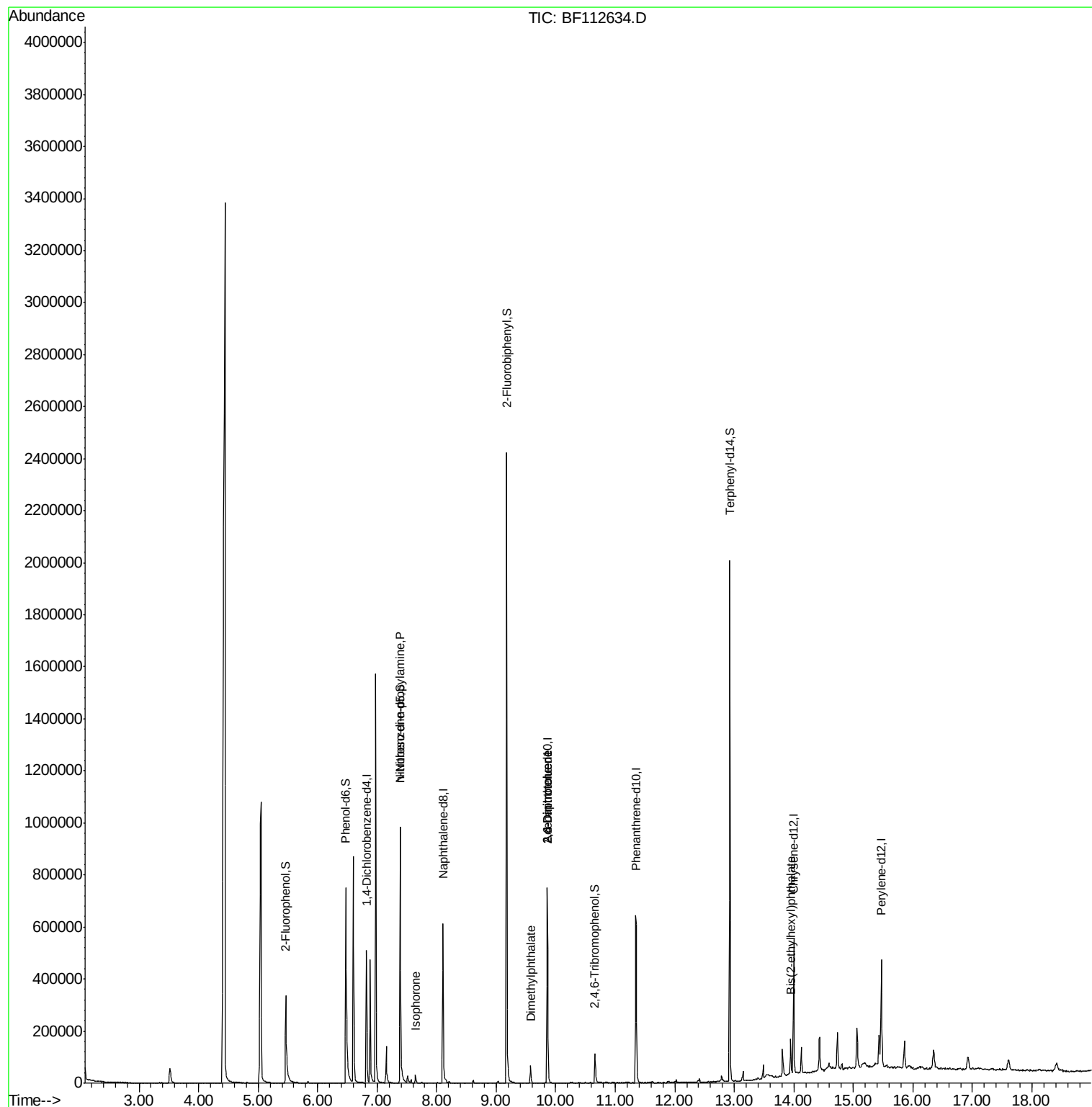
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	84116	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	327769	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	155445	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	279863	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	193085	20.00	ng	-0.01
87) Perylene-d12	15.47	264	203290	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	146626	37.03	ng	-0.02
7) Phenol-d6	6.47	99	371119	67.44	ng	-0.02
23) Nitrobenzene-d5	7.39	82	355793	62.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	18766	10.37	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	745024	67.79	ng	-0.03
79) Terphenyl-d14	12.93	244	672883	65.64	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	47404	12.493	ng	Qvalue # 76
25) Isophorone	7.64	82	21066	2.361	ng	94
50) Dimethylphthalate	9.57	163	36710	3.040	ng	99
51) 2,6-Dinitrotoluene	9.86	165	19694	7.281	ng	# 34
57) 2,4-Dinitrotoluene	9.86	165	19694	5.719	ng	# 32
84) Bis(2-ethylhexyl)phthalate	13.95	149	36132	3.936	ng	# 94

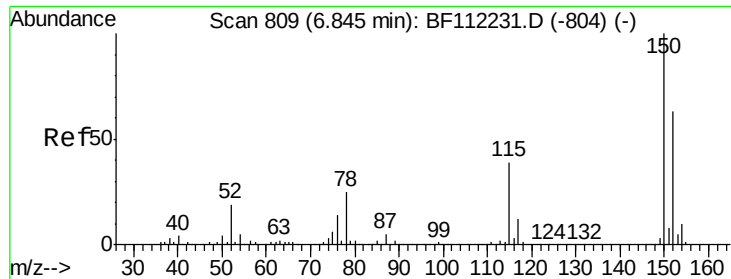
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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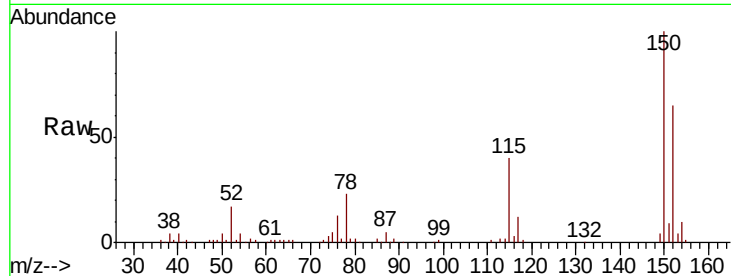


#1

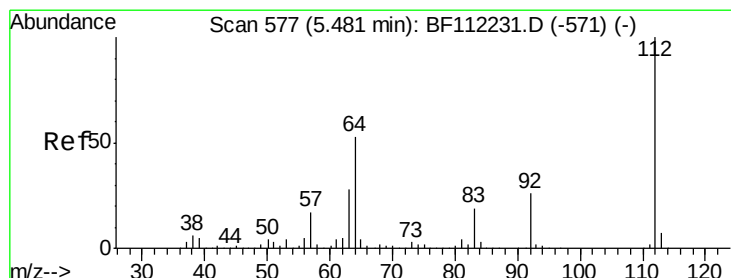
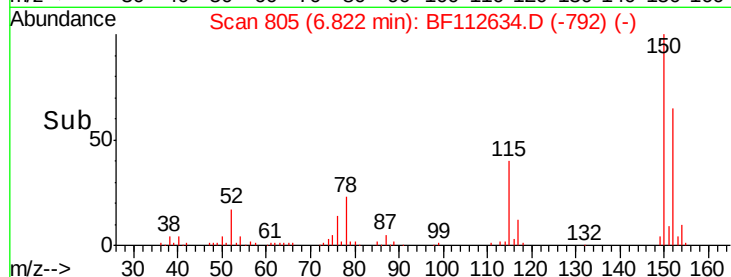
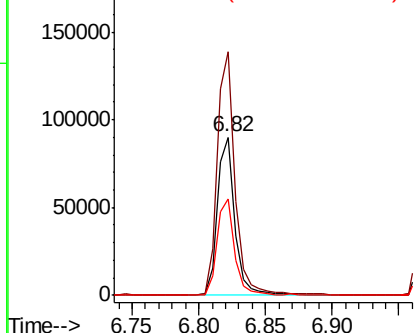
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF112634.D
 Acq: 19 Feb 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 FLOORSRE

Tgt Ion:152 Resp: 84116
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.4 191.0
 115 61.2 45.5 68.3



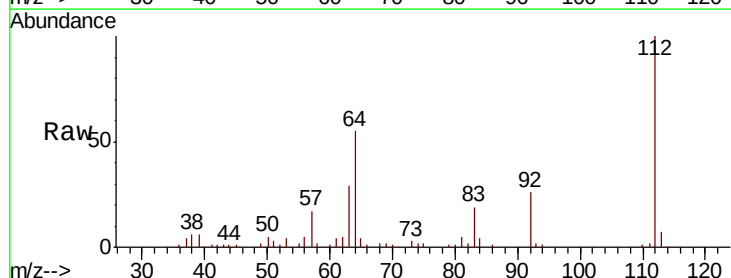
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



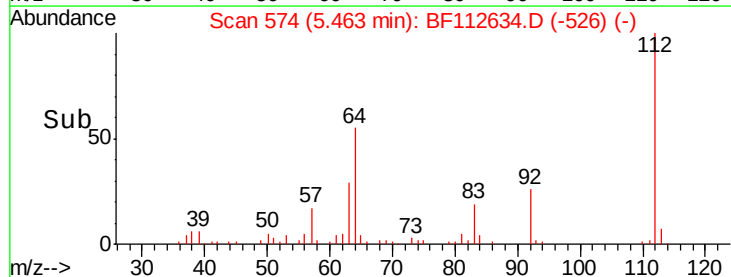
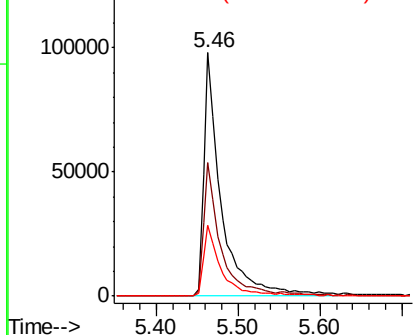
#5

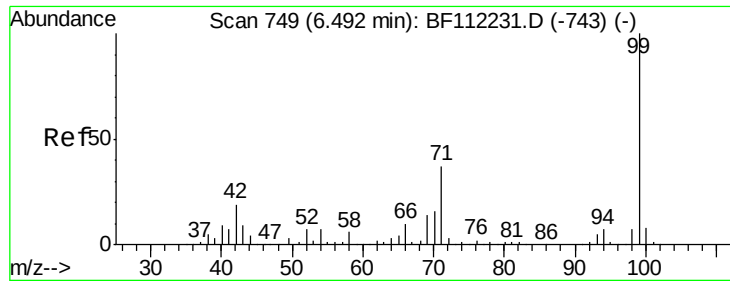
2-Fluorophenol
 Concen: 37.025 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112634.D
 Acq: 19 Feb 2019 21:27

Tgt Ion:112 Resp: 146626
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.7 68.5
 63 29.2 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: 67.442 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

Instrument :

BNA_F

ClientSampleId :

FLOORSRE

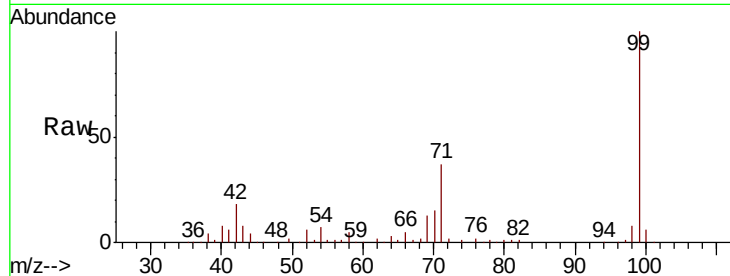
Tgt Ion: 99 Resp: 371119

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

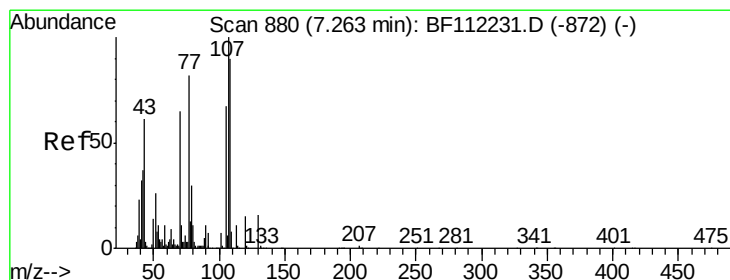
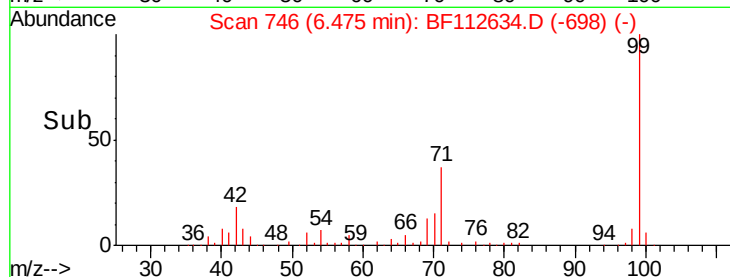
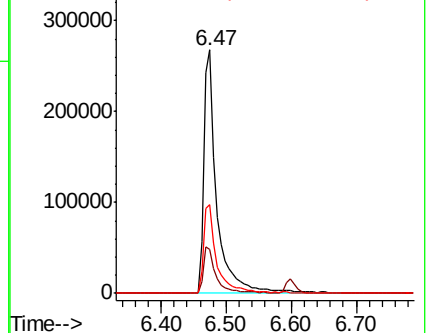
71 36.6 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.493 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

Tgt Ion: 70 Resp: 47404

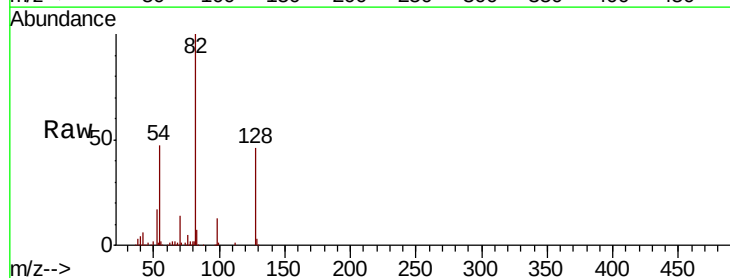
Ion Ratio Lower Upper

70 100

42 47.3 47.6 71.4#

101 0.0 7.9 11.9#

130 2.7 18.4 27.6#

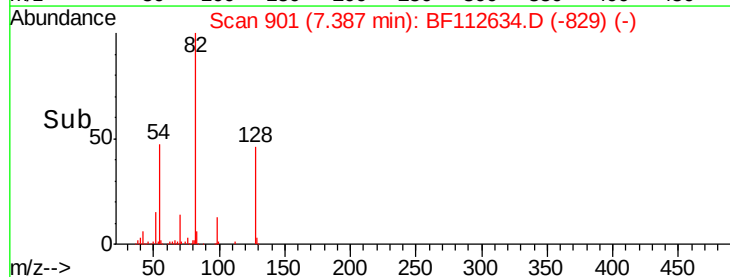
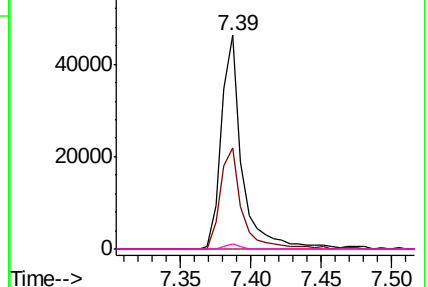


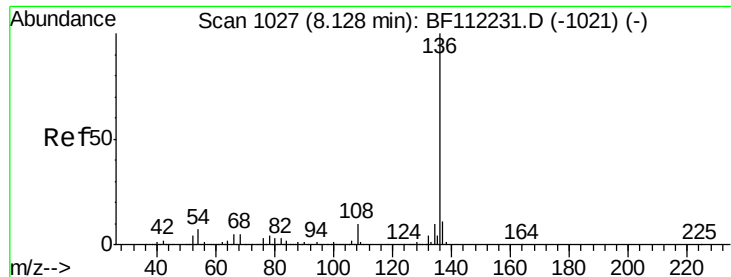
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

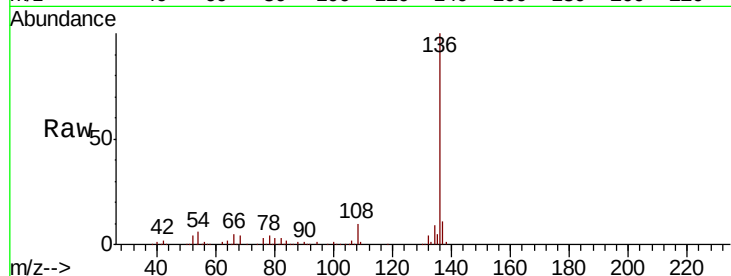




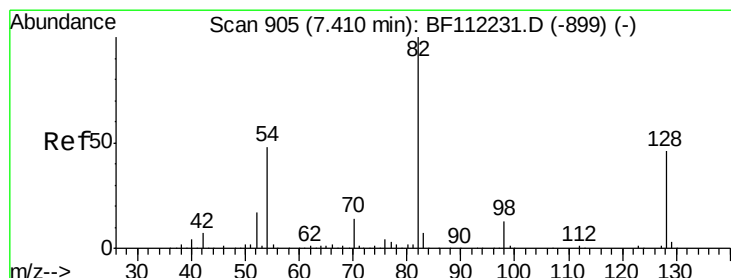
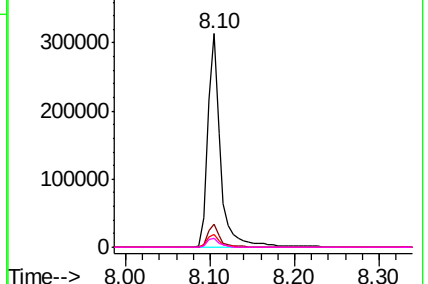
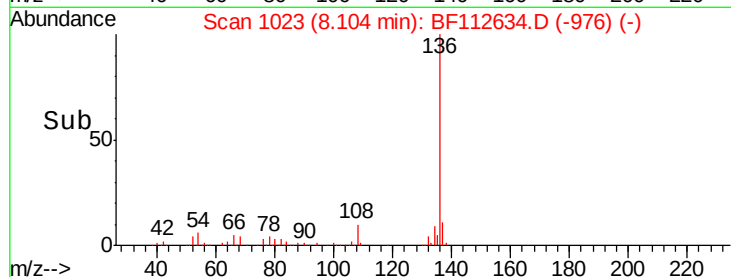
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112634.D
Acq: 19 Feb 2019 21:27

Instrument :
BNA_F
ClientSampleId :
FLOORSRE

Tgt Ion:	136	Resp:	327769
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.2	5.9	8.9
68	4.2	5.1	7.7#

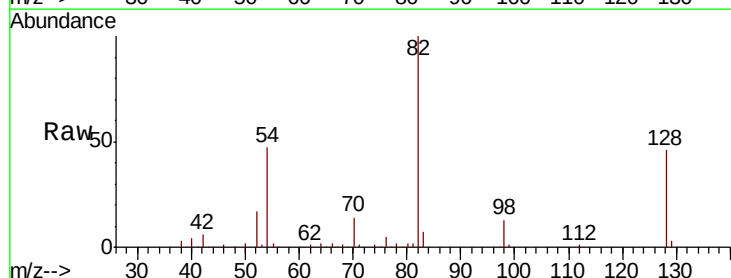


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

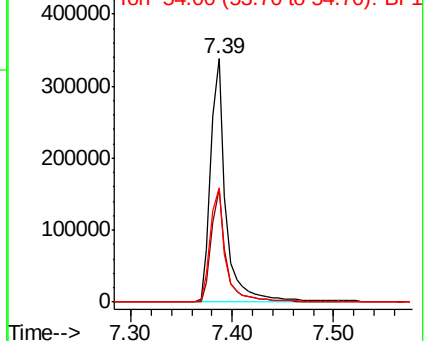
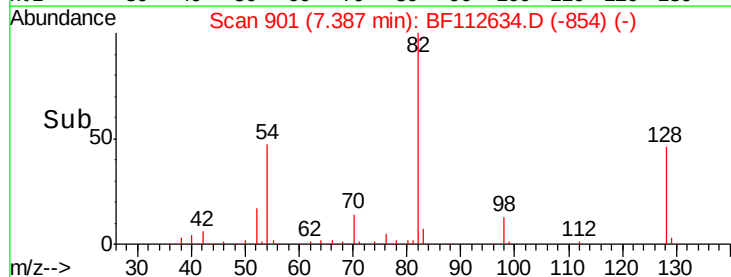


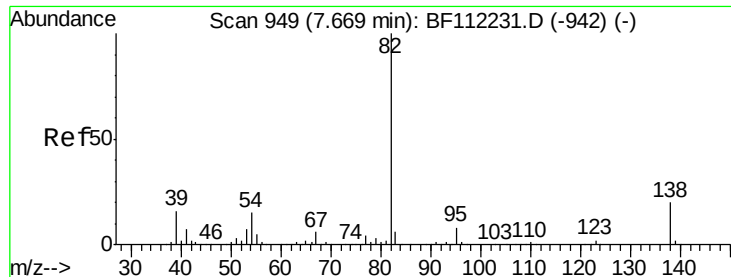
#23
Nitrobenzene-d5
Concen: 62.546 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112634.D
Acq: 19 Feb 2019 21:27

Tgt Ion:	82	Resp:	355793
Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.8	56.8
54	47.0	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





#25

Isophorone

Concen: 2.361 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

Instrument :

BNA_F

ClientSampleId :

FLOORSRE

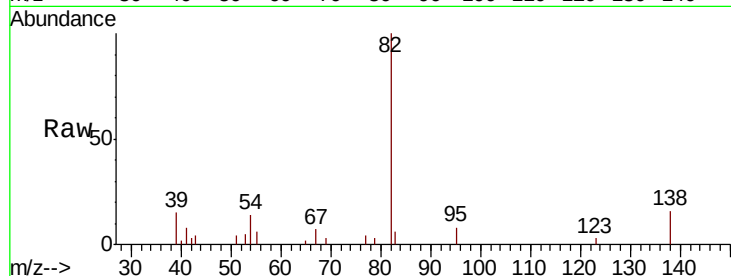
Tgt Ion: 82 Resp: 21066

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

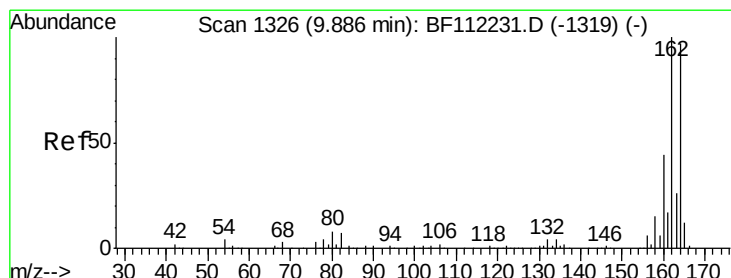
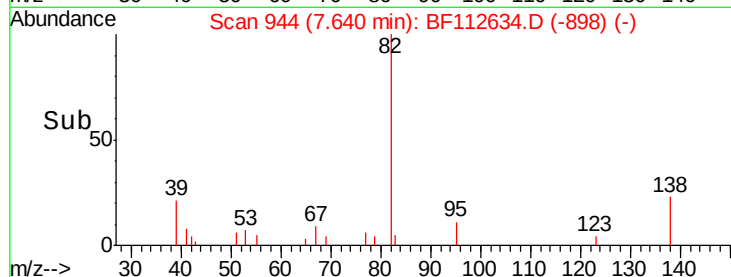
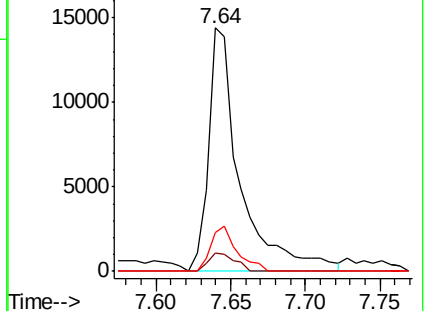
138 16.0 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF112231.D (-942) (-)

Ion 95.00 (94.70 to 95.70): BF112231.D (-942) (-)

Ion 138.00 (137.70 to 138.70): BF112231.D (-942) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

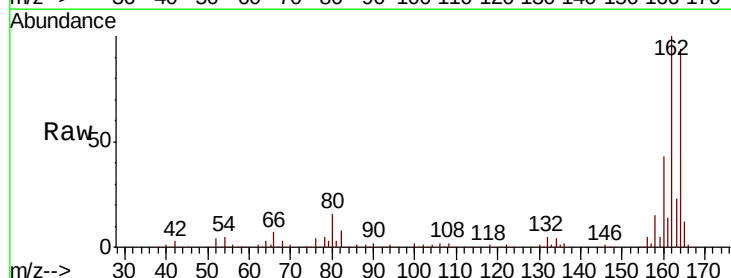
Tgt Ion: 164 Resp: 155445

Ion Ratio Lower Upper

164 100

162 106.3 82.2 123.4

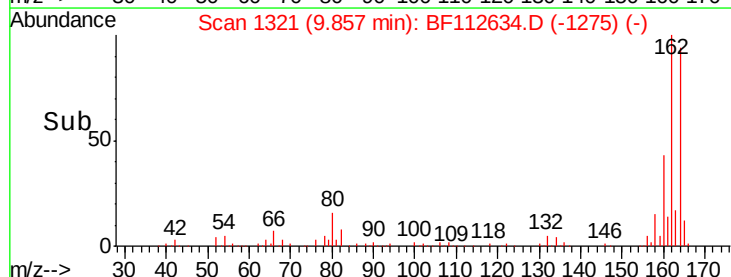
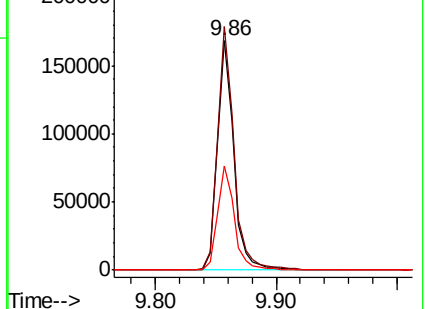
160 45.6 36.2 54.4

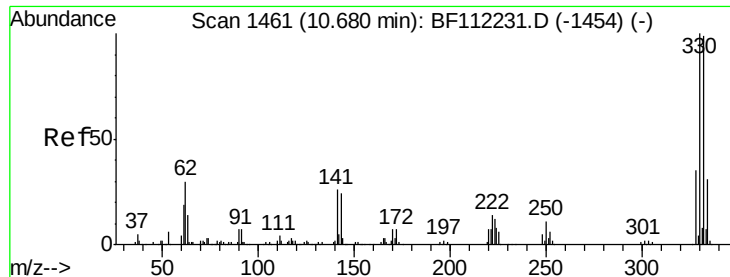


Abundance Ion 164.00 (163.70 to 164.70): BF112231.D (-1319) (-)

Ion 162.00 (161.70 to 162.70): BF112231.D (-1319) (-)

Ion 160.00 (159.70 to 160.70): BF112231.D (-1319) (-)





#42

2,4,6-Tribromophenol

Concen: 10.372 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

Instrument :

BNA_F

ClientSampleId :

FLOORSRE

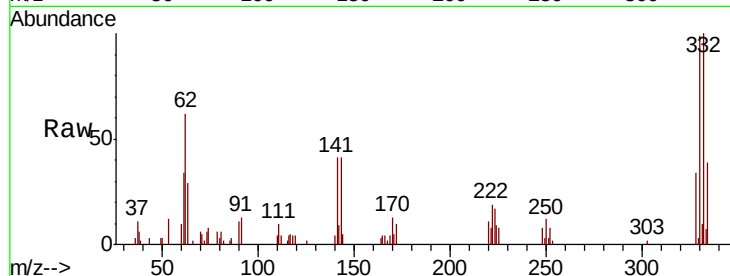
Tgt Ion:330 Resp: 18766

Ion Ratio Lower Upper

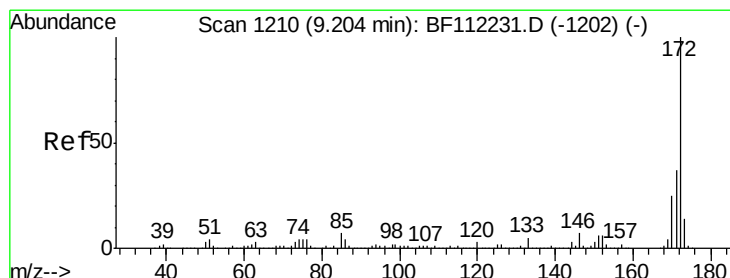
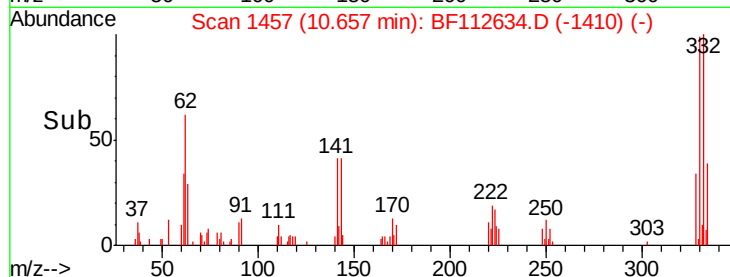
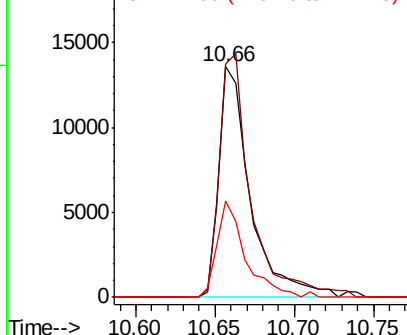
330 100

332 104.9 76.6 114.8

141 38.0 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: 67.787 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.03 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

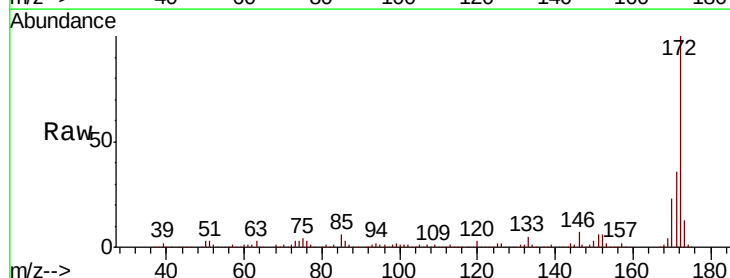
Tgt Ion:172 Resp: 745024

Ion Ratio Lower Upper

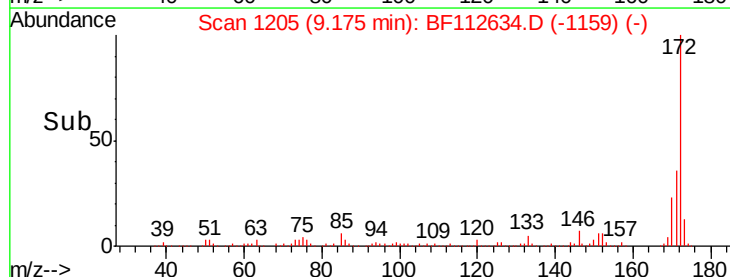
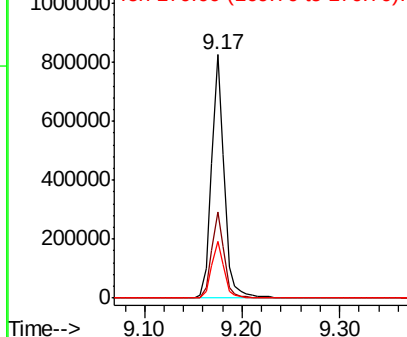
172 100

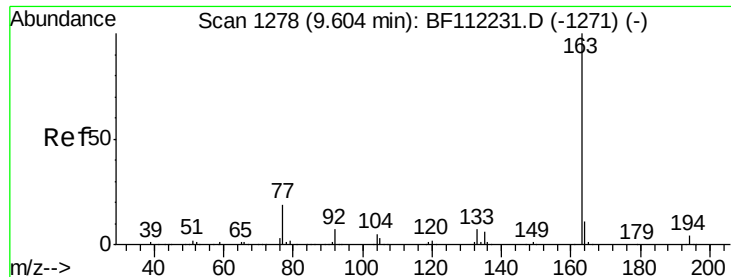
171 35.5 30.5 45.7

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

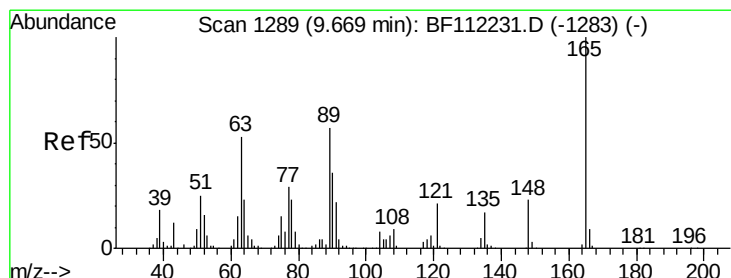
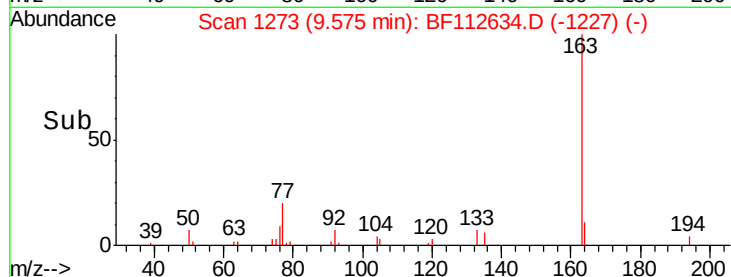
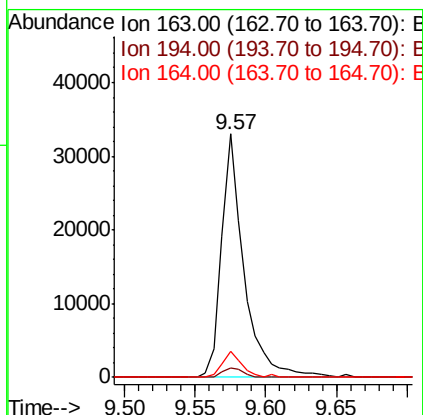
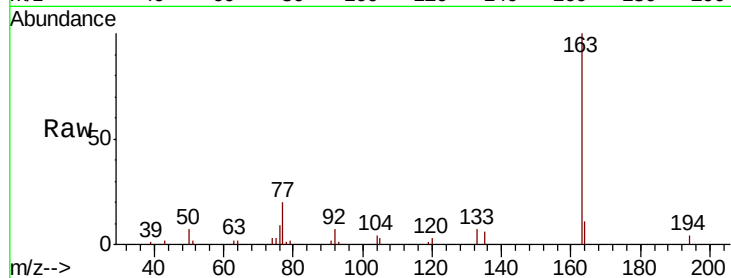




#50
Dimethylphthalate
Concen: 3.040 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112634.D
Acq: 19 Feb 2019 21:27

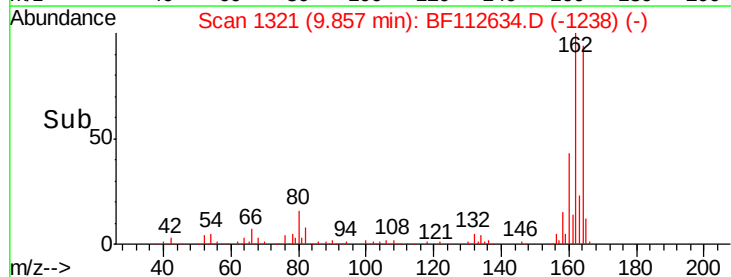
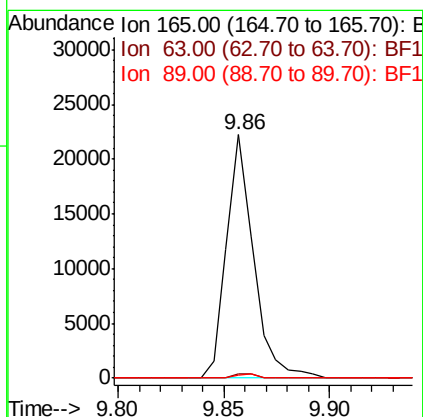
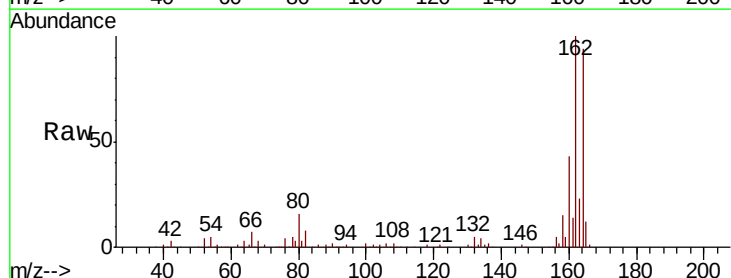
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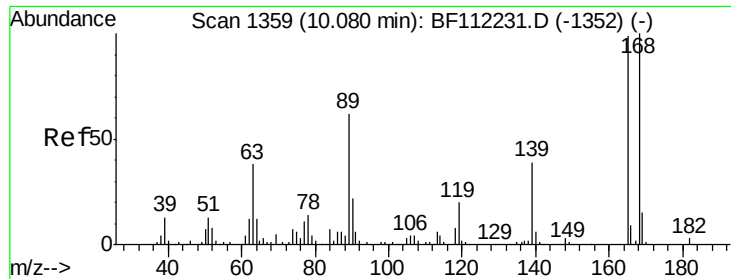
Tgt Ion:163 Resp: 36710
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.8 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 7.281 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.19 min
Lab File: BF112634.D
Acq: 19 Feb 2019 21:27

Tgt Ion:165 Resp: 19694
Ion Ratio Lower Upper
165 100
63 1.5 33.8 50.8#
89 1.4 36.9 55.3#

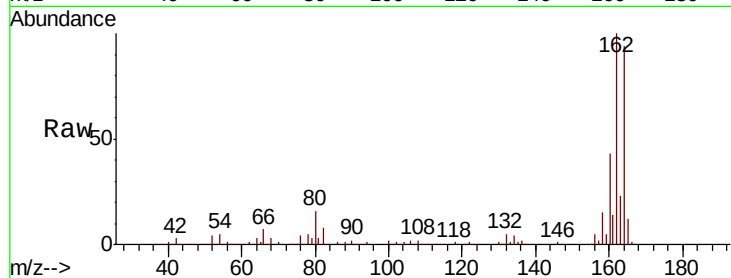




#57
 2,4-Dinitrotoluene
 Concen: 5.719 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF112634.D
 Acq: 19 Feb 2019 21:27

Instrument :
 BNA_F
 ClientSampleId :
 FLOORSRE

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	19694		
63	1.5	27.9	41.9#	
89	1.4	47.9	71.9#	
182	0.0	2.2	3.4#	

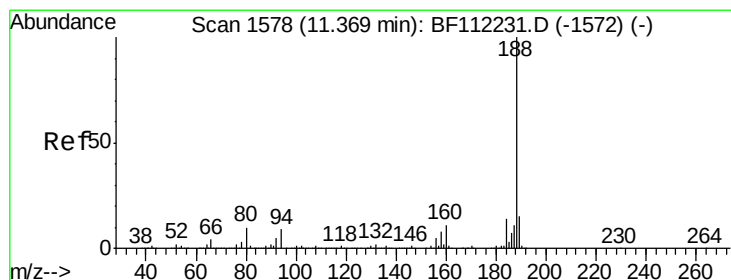
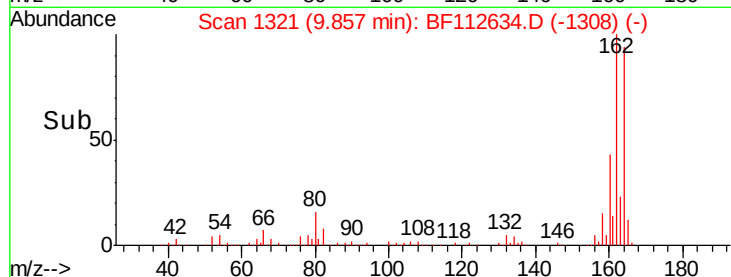
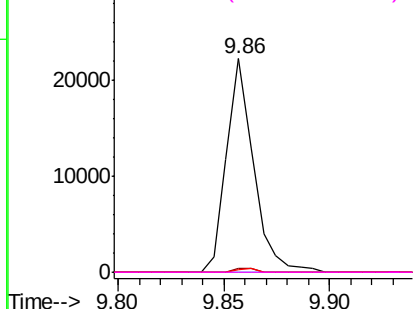


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

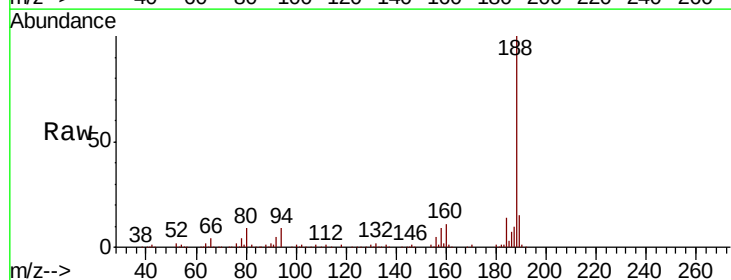
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF112634.D
 Acq: 19 Feb 2019 21:27

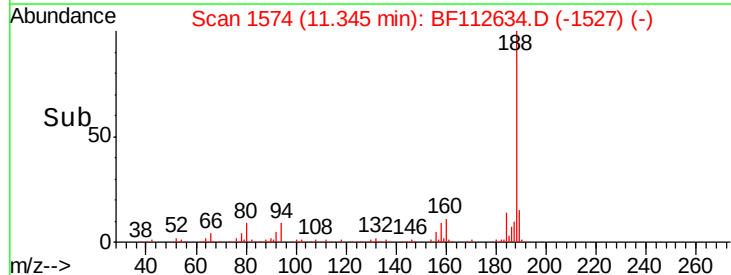
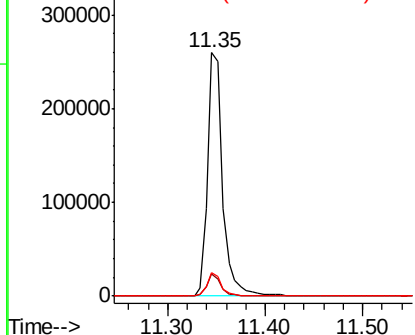
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	279863		
94	8.9	8.2	12.2	
80	9.4	8.9	13.3	

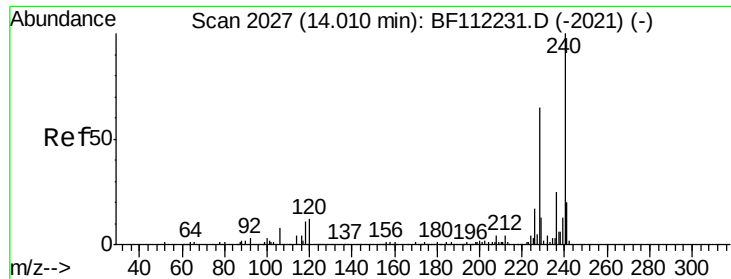


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

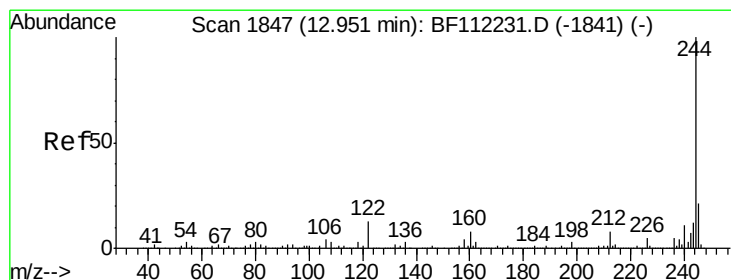
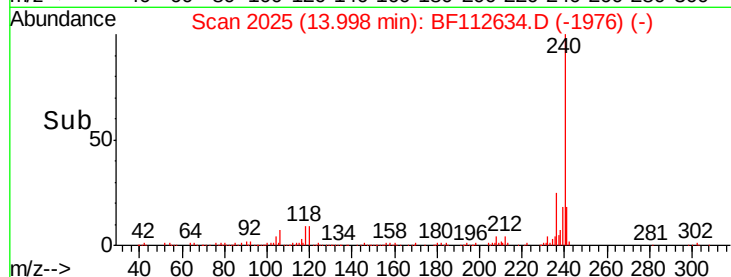
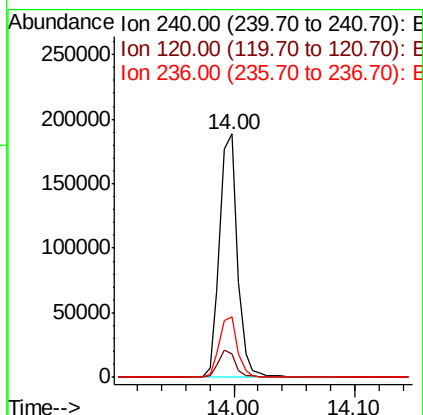
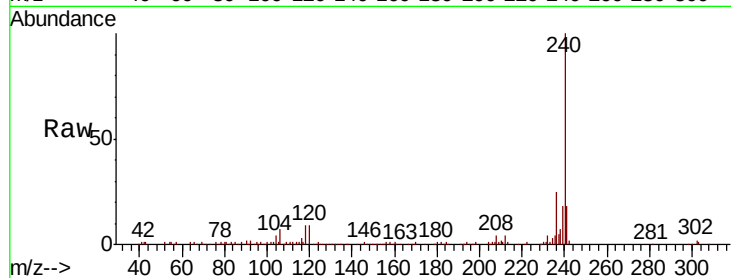




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112634.D
Acq: 19 Feb 2019 21:27

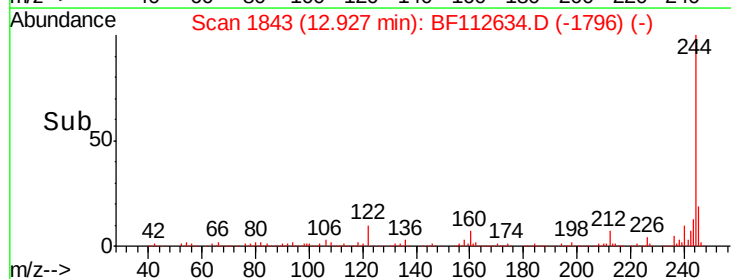
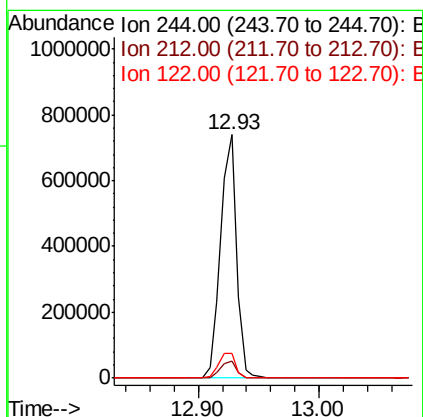
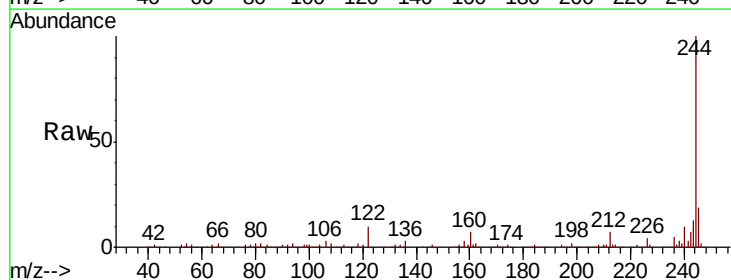
Instrument :
BNA_F
ClientSampleId :
FLOORSRE

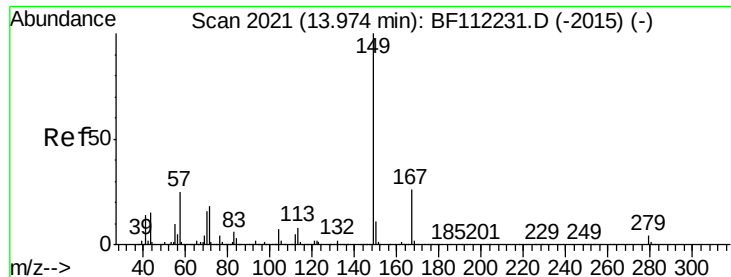
Tgt Ion:240 Resp: 193085
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.6
236 25.0 20.7 31.1



#79
Terphenyl-d14
Concen: 65.636 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF112634.D
Acq: 19 Feb 2019 21:27

Tgt Ion:244 Resp: 672883
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.2 9.8 14.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.936 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.03 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

Instrument :

BNA_F

ClientSampleId :

FLOORSRE

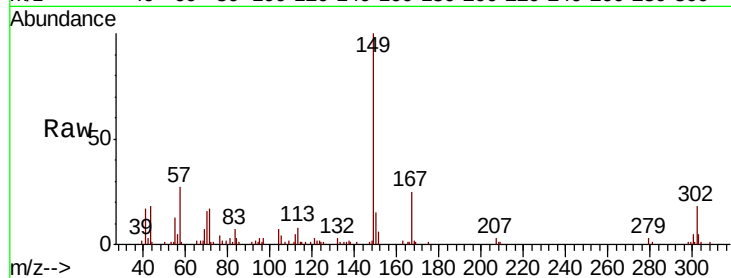
Tgt Ion:149 Resp: 36132

Ion Ratio Lower Upper

149 100

167 25.0 22.5 33.7

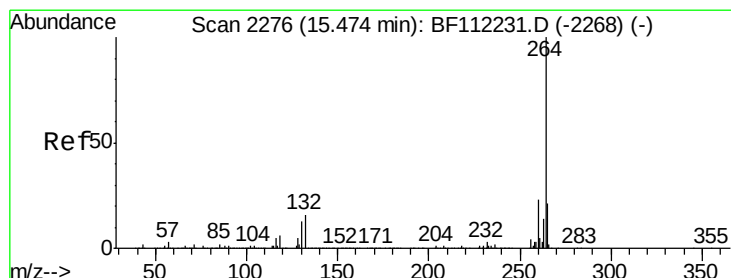
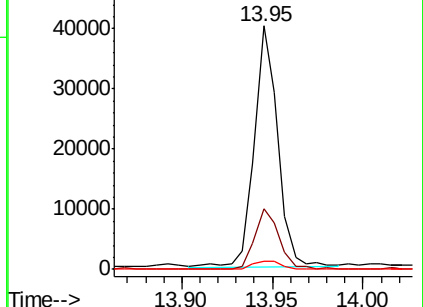
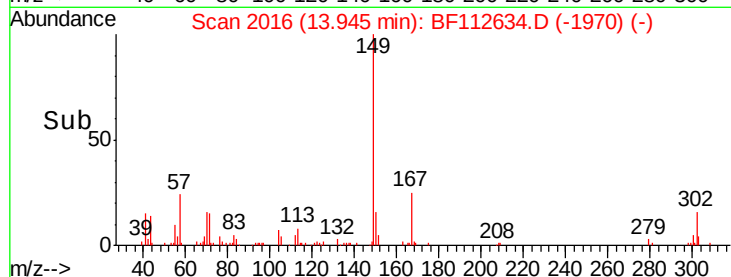
279 3.4 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112634.D

Acq: 19 Feb 2019 21:27

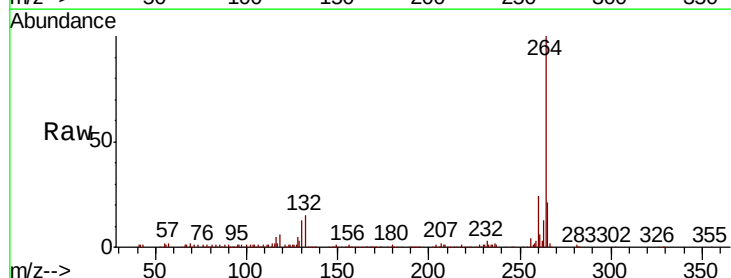
Tgt Ion:264 Resp: 203290

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

265 20.7 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

