

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112682.D
 Acq On : 22 Feb 2019 23:22
 Operator : JU/SJ
 Sample : K1567-01RE 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1RE

Quant Time: Feb 23 01:31:12 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

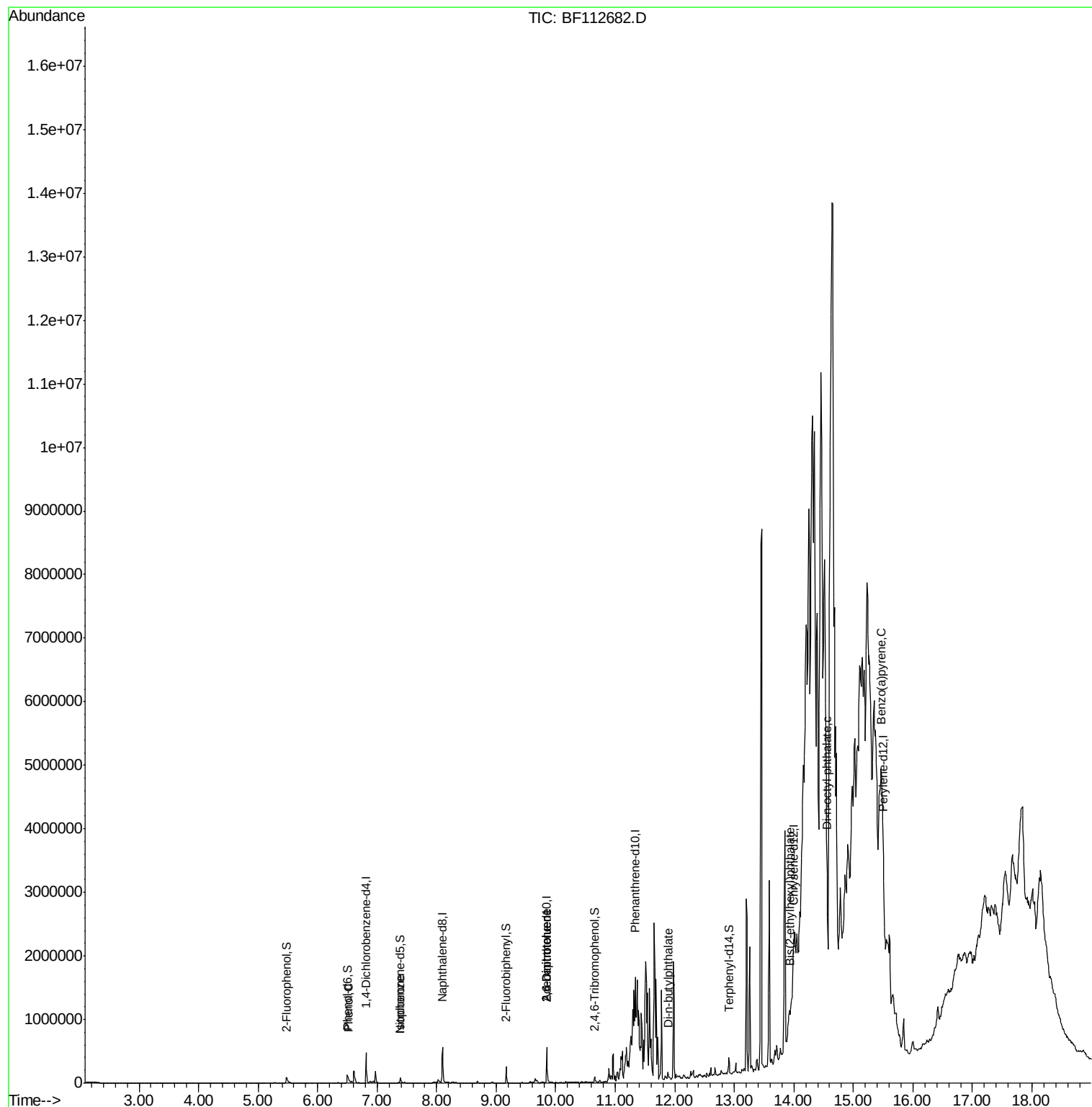
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74469	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	286781	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	114258	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	171912	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	163080	20.00	ng	-0.02
87) Perylene-d12	15.51	264	145473	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	55248	15.76	ng	0.00
7) Phenol-d6	6.50	99	76896	15.78	ng	0.00
23) Nitrobenzene-d5	7.39	82	44829	9.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	14786	11.12	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	90150	11.16	ng	-0.04
79) Terphenyl-d14	12.91	244	71582	8.27	ng	-0.04
Target Compounds						
10) Phenol	6.52	94	27389	5.124	ng	79
25) Isophorone	7.39	82	44829	5.741	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	15055	7.572	ng	# 35
57) 2,4-Dinitrotoluene	9.85	165	15055	5.948	ng	# 33
74) Di-n-butylphthalate	11.89	149	53610	4.918	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	49647	6.403	ng	# 95
85) Di-n-octyl phthalate	14.56	149	133343	11.177	ng	# 76
90) Benzo(a)pyrene	15.47	252	16125	2.060	ng	# 1

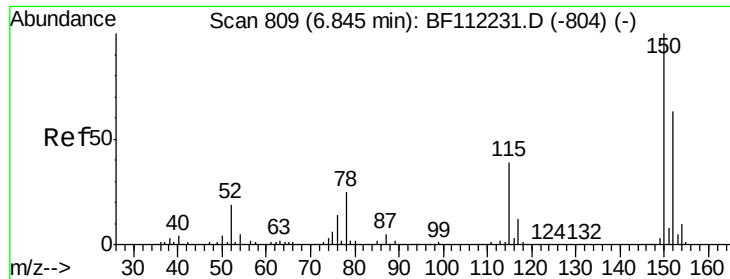
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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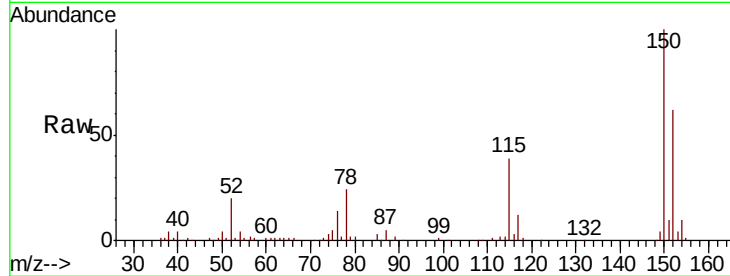


#1

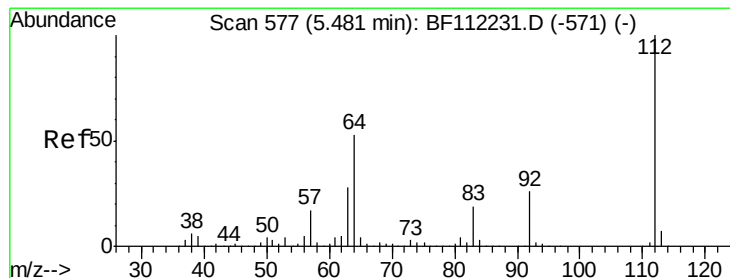
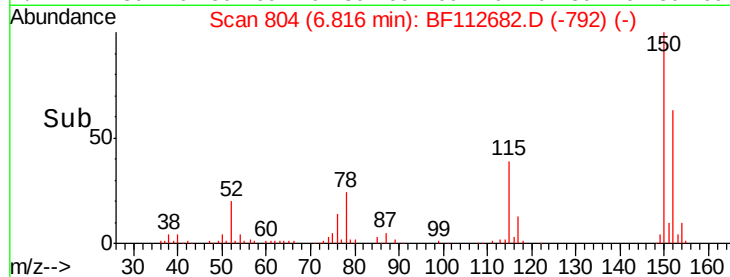
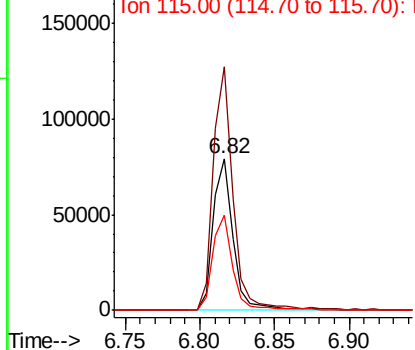
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112682.D
 Acq: 22 Feb 2019 23:22

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1RE

Tgt Ion:152 Resp: 74469
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.4 191.0
 115 62.9 45.5 68.3



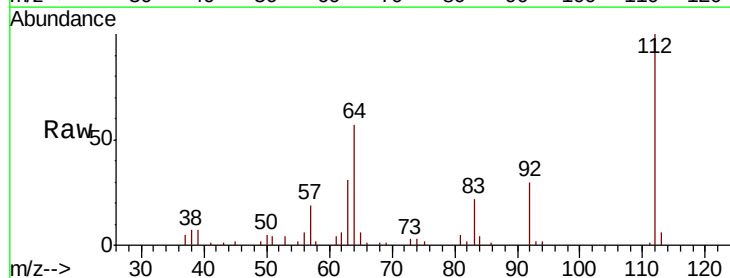
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



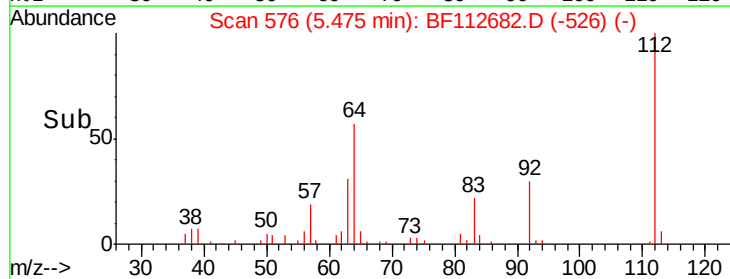
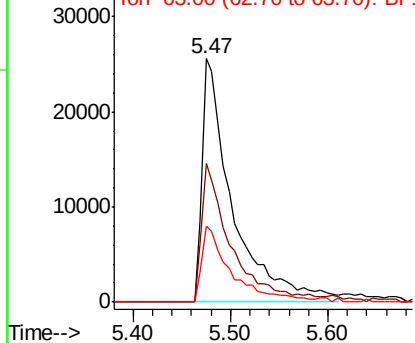
#5

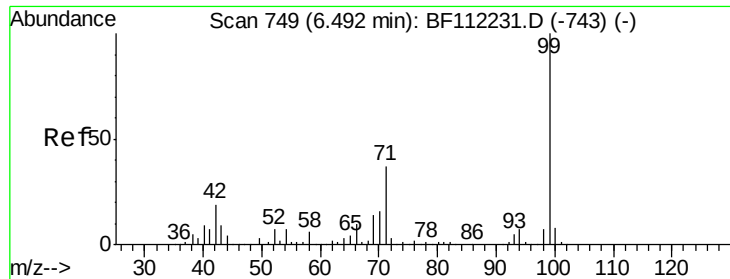
2-Fluorophenol
 Concen: 15.758 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF112682.D
 Acq: 22 Feb 2019 23:22

Tgt Ion:112 Resp: 55248
 Ion Ratio Lower Upper
 112 100
 64 56.9 45.7 68.5
 63 31.2 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: 15.784 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

BNA_F

ClientSampleId :

COMP-1RE

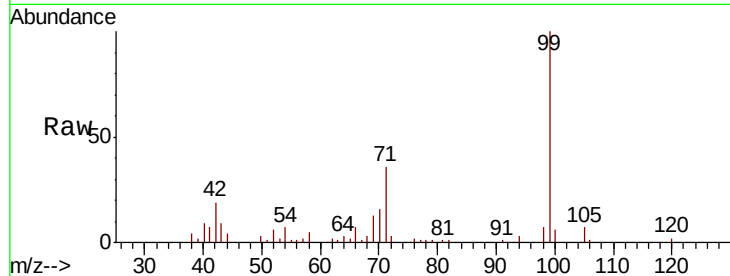
Tgt Ion: 99 Resp: 76896

Ion Ratio Lower Upper

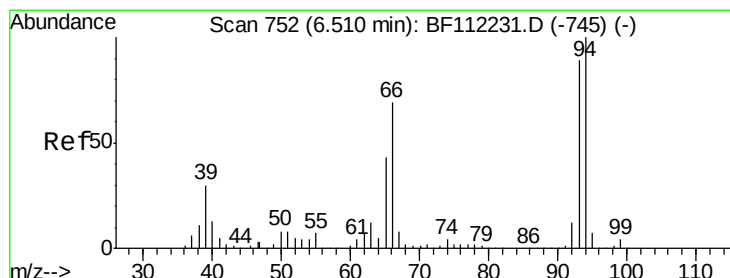
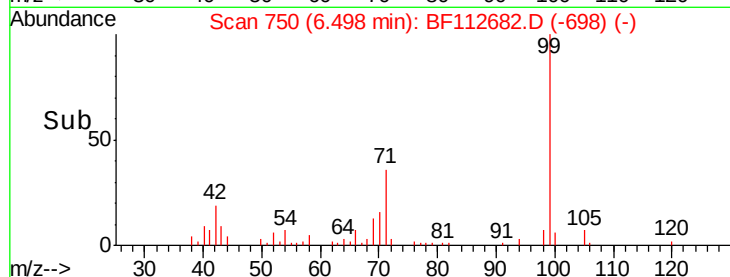
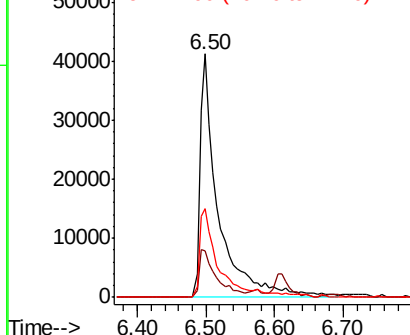
99 100

42 19.1 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



#10

Phenol

Concen: 5.124 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

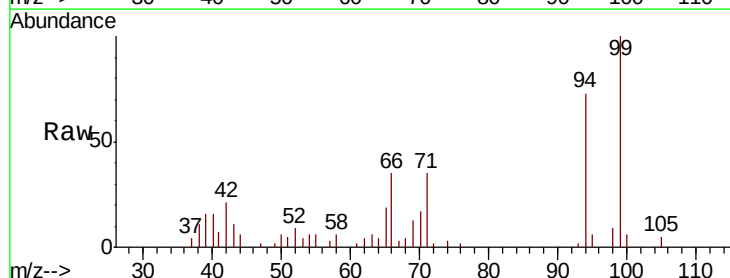
Tgt Ion: 94 Resp: 27389

Ion Ratio Lower Upper

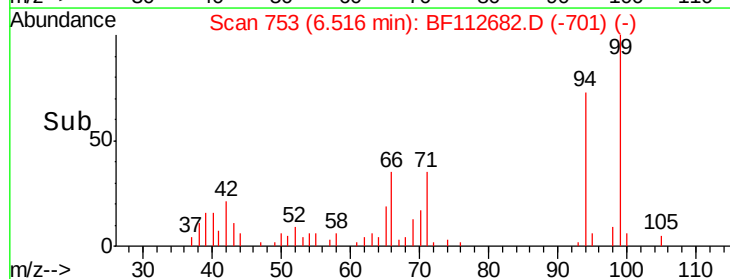
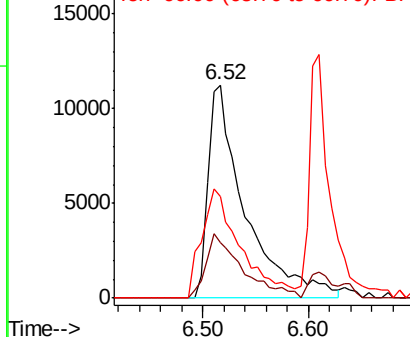
94 100

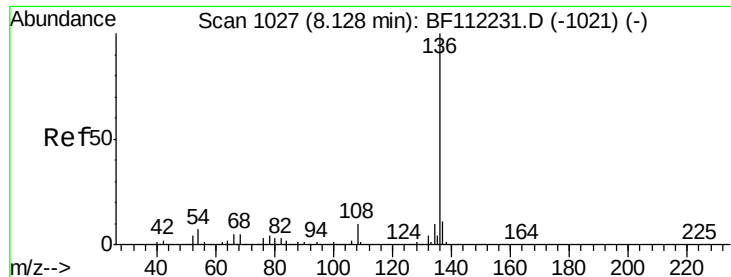
65 26.1 20.3 60.3

66 47.5 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

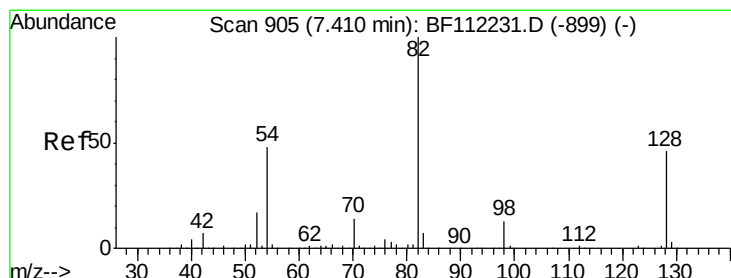
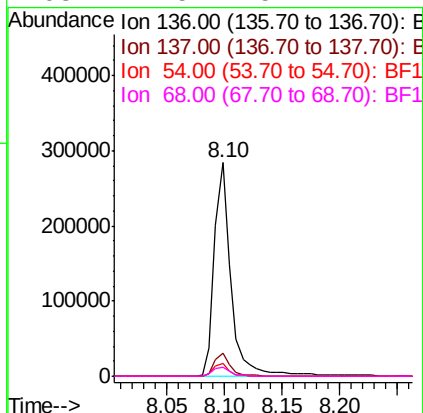
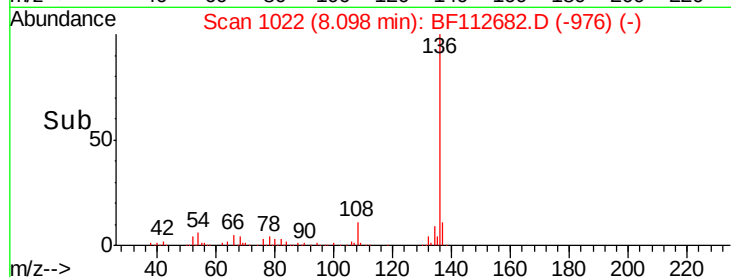
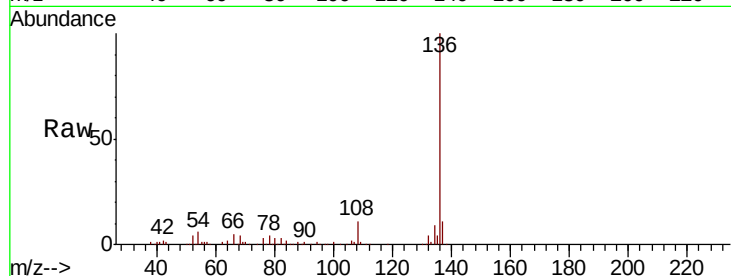




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

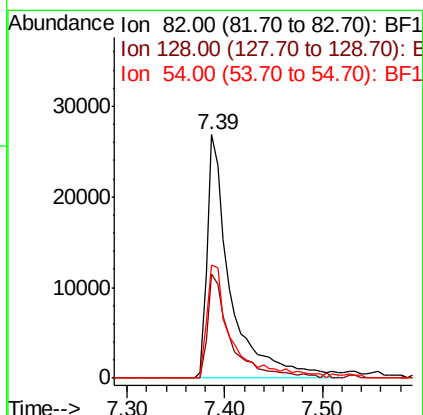
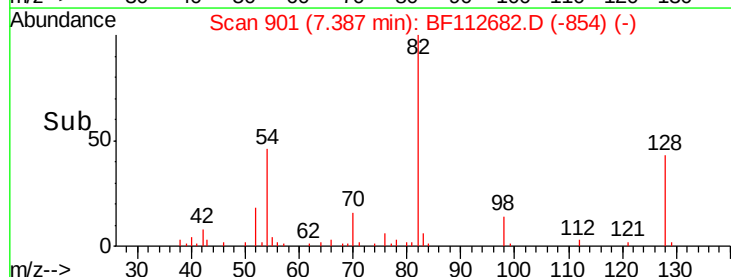
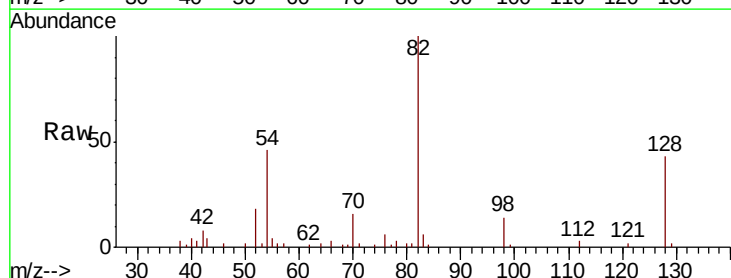
Instrument :
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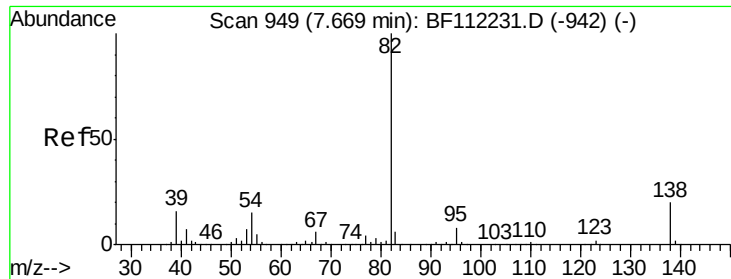
Tgt Ion:	136	Resp:	286781
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.9	5.9	8.9#
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 9.007 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Tgt Ion:	82	Resp:	44829
Ion	Ratio	Lower	Upper
82	100		
128	42.9	37.8	56.8
54	46.4	39.7	59.5





#25

Isophorone

Concen: 5.741 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.28 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

BNA_F

ClientSampleId :

COMP-1RE

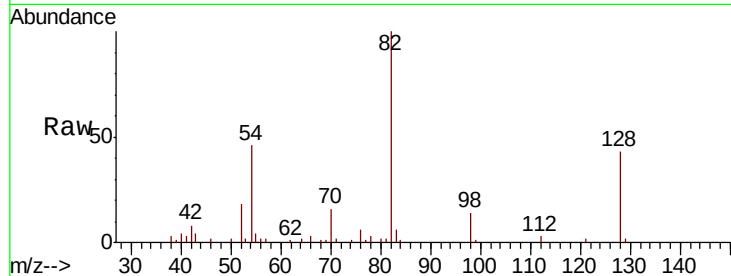
Tgt Ion: 82 Resp: 44829

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

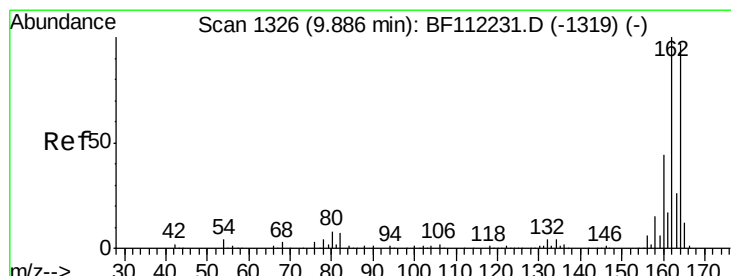
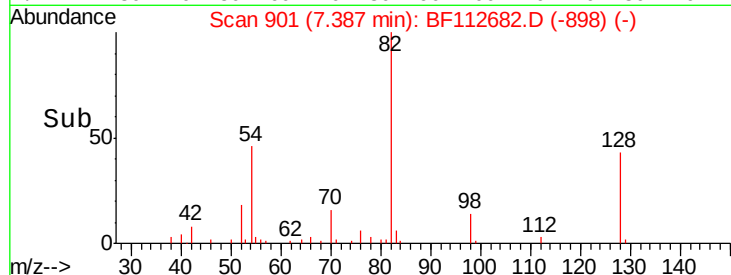
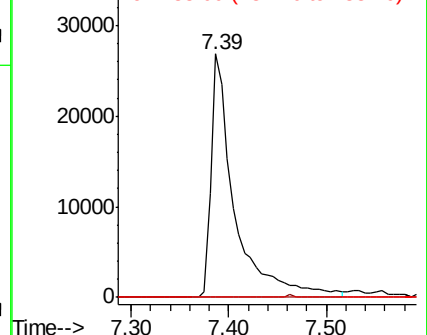
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

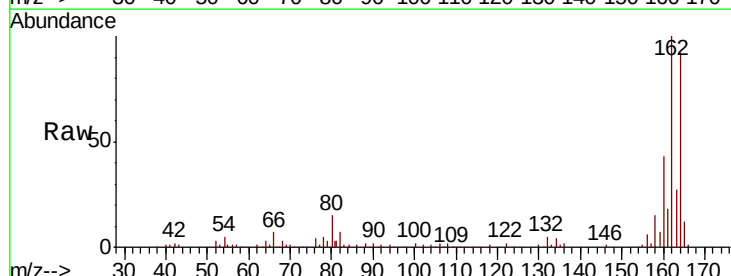
Tgt Ion: 164 Resp: 114258

Ion Ratio Lower Upper

164 100

162 109.1 82.2 123.4

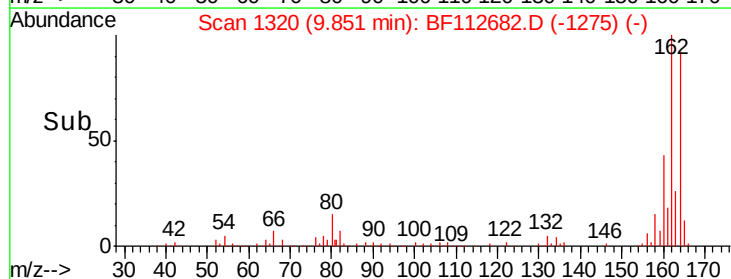
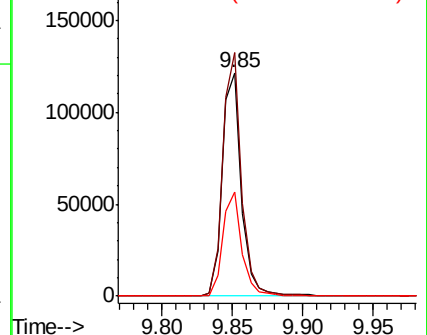
160 46.6 36.2 54.4

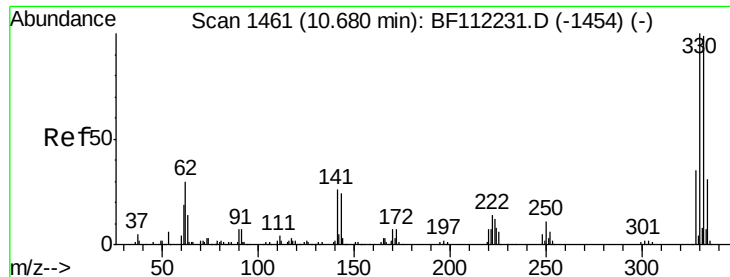


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 11.118 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.03 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

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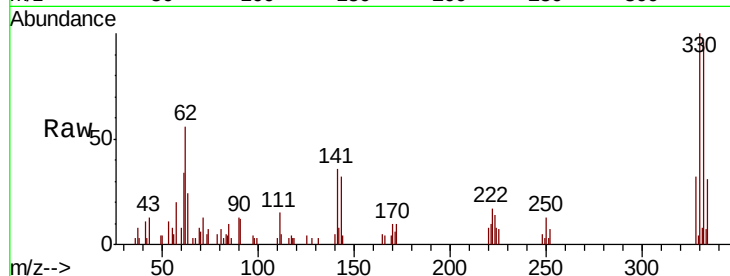
Tgt Ion:330 Resp: 14786

Ion Ratio Lower Upper

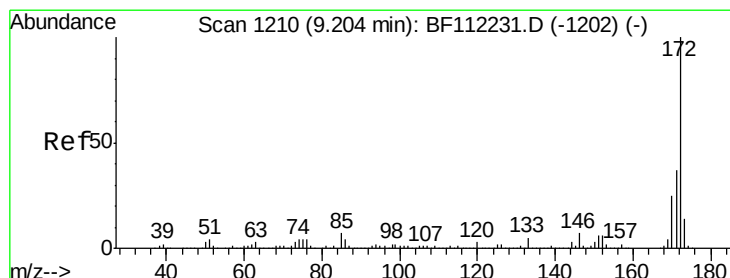
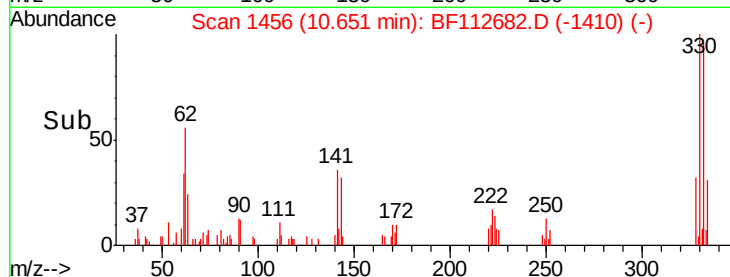
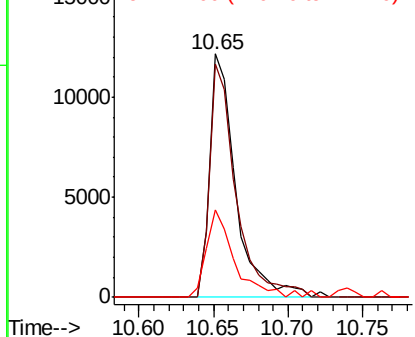
330 100

332 96.7 76.6 114.8

141 37.3 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: 11.159 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

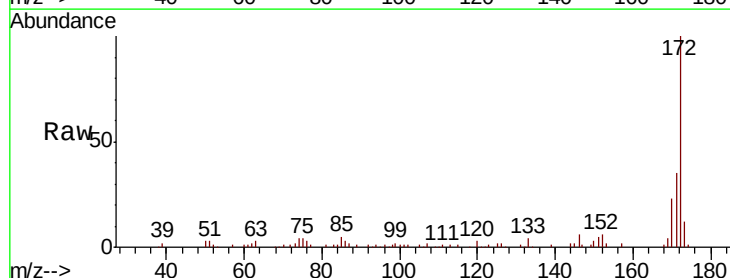
Tgt Ion:172 Resp: 90150

Ion Ratio Lower Upper

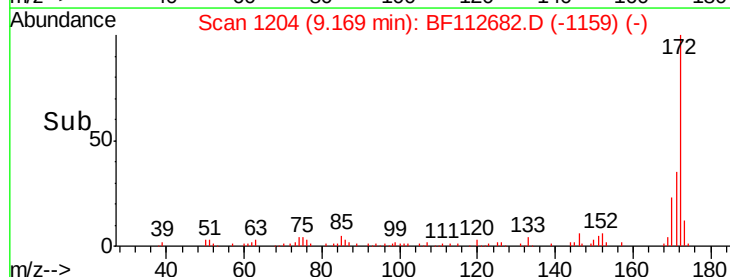
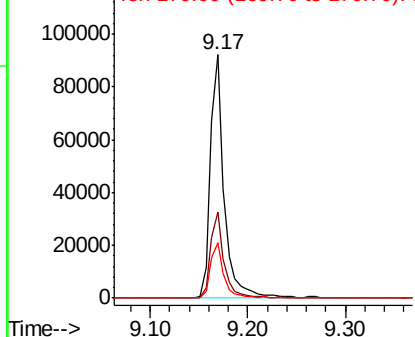
172 100

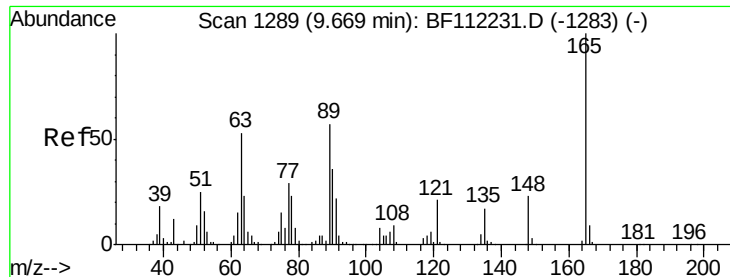
171 35.4 30.5 45.7

170 22.6 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: 7.572 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

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ClientSampleId :

COMP-1RE

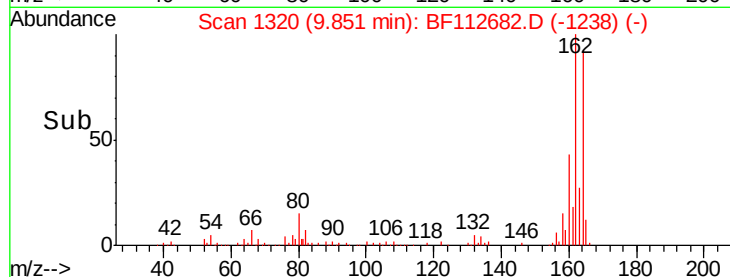
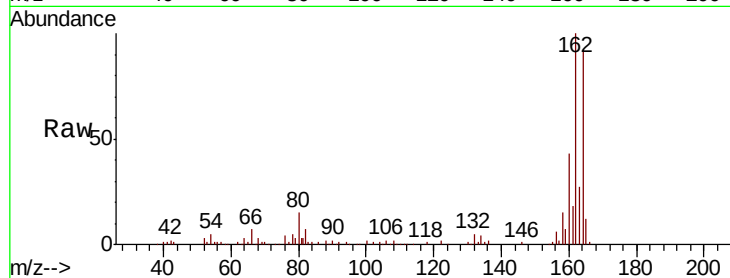
Tgt Ion:165 Resp: 15055

Ion Ratio Lower Upper

165 100

63 1.9 33.8 50.8#

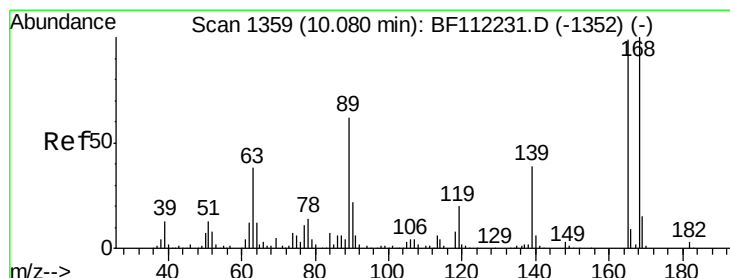
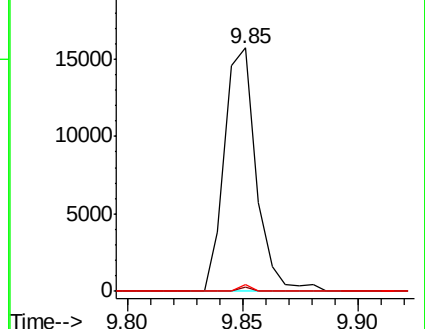
89 2.6 36.9 55.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.948 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Tgt Ion:165 Resp: 15055

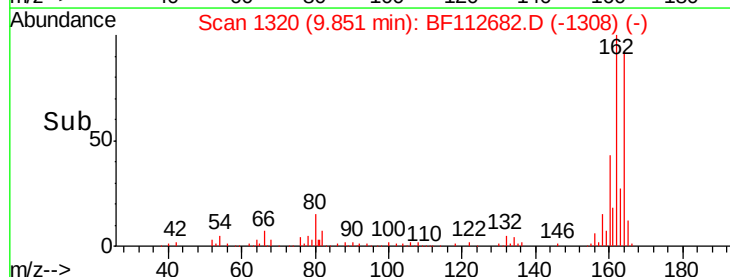
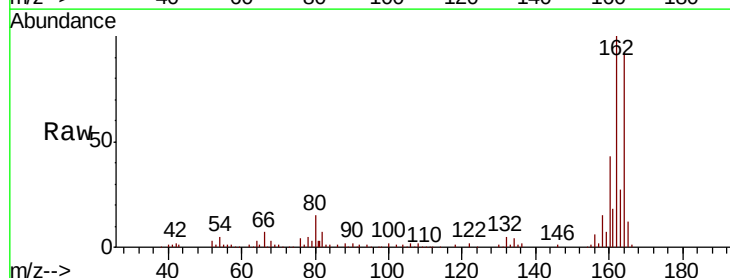
Ion Ratio Lower Upper

165 100

63 1.9 27.9 41.9#

89 2.6 47.9 71.9#

182 0.0 2.2 3.4#

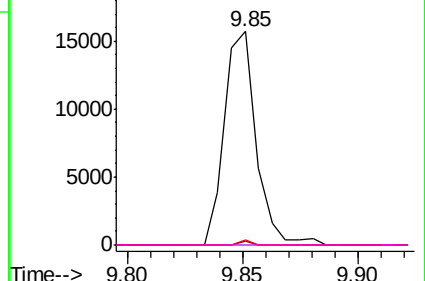


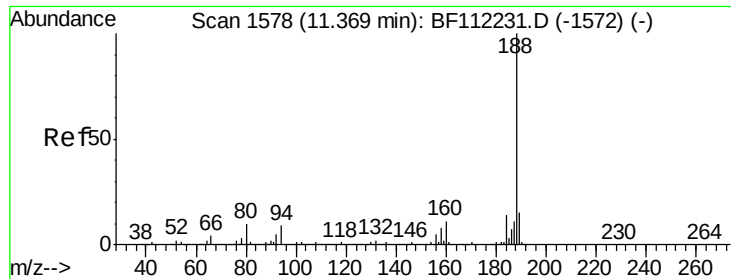
Abundance Ion 165.00 (164.70 to 165.70): E

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

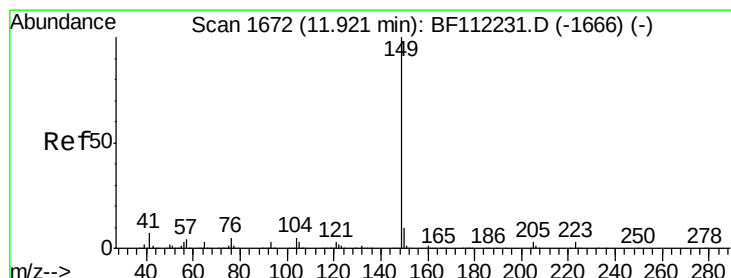
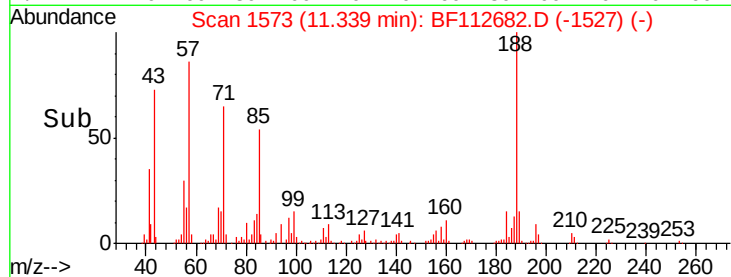
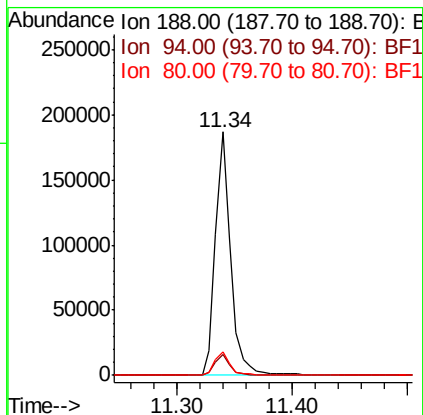
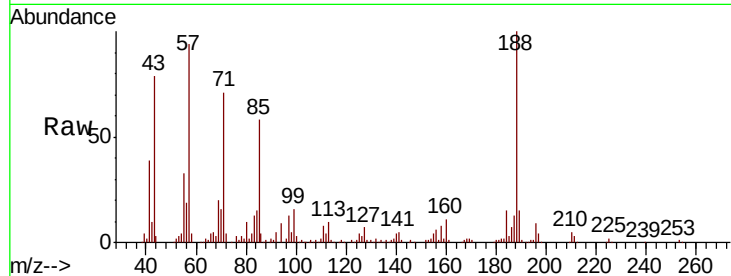




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF112682.D
 Acq: 22 Feb 2019 23:22

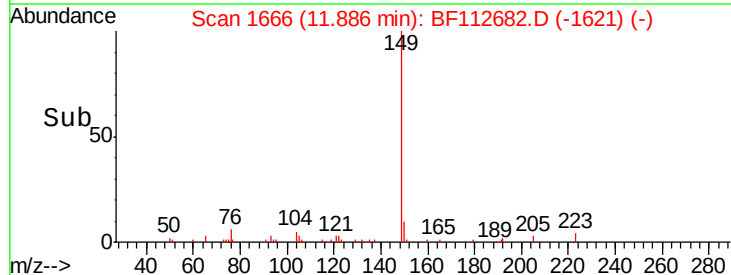
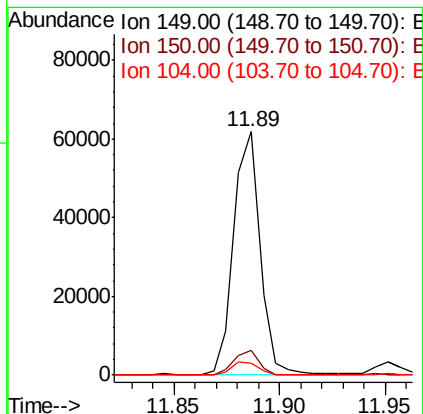
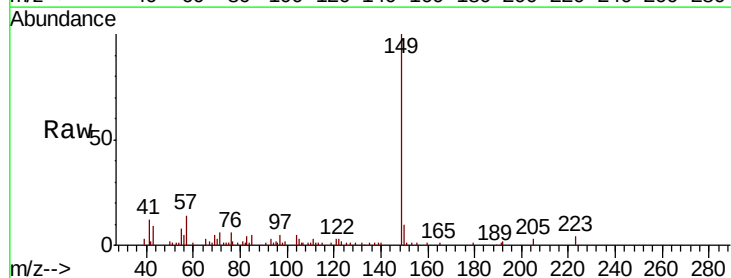
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1RE

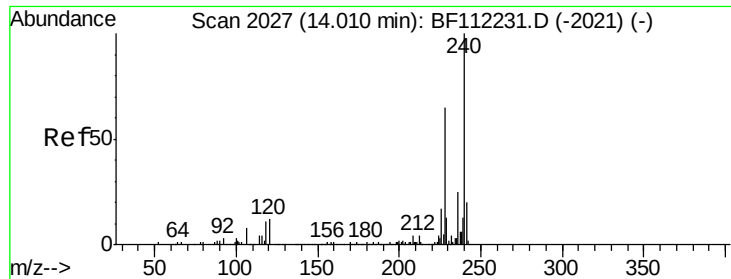
Tgt Ion:	188	Resp:	171912
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.6	8.9	13.3



#74
 Di-n-butylphthalate
 Concen: 4.918 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF112682.D
 Acq: 22 Feb 2019 23:22

Tgt Ion:	149	Resp:	53610
Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	4.9	3.9	5.9

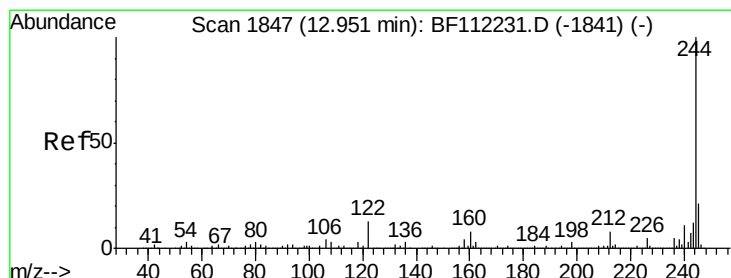
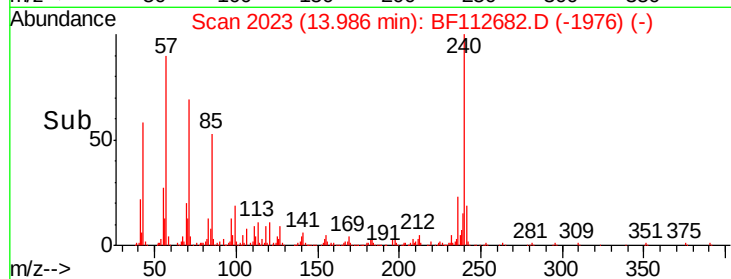
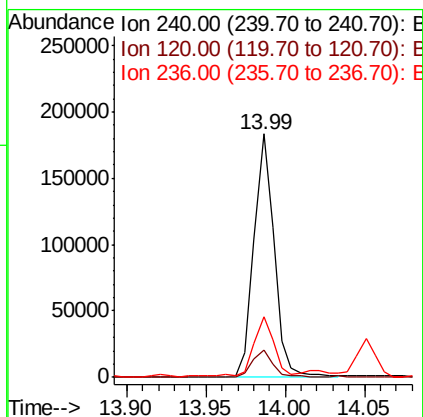
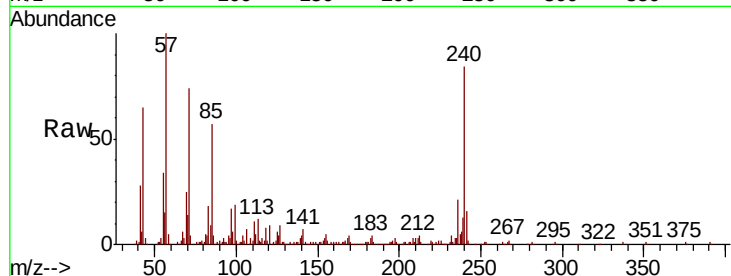




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

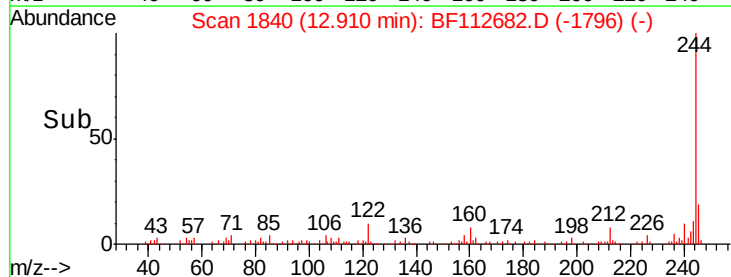
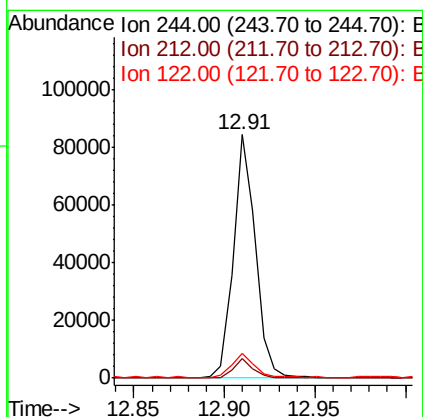
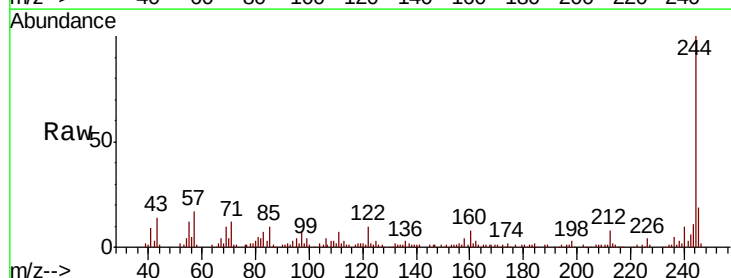
Instrument :
BNA_F
ClientSampleId :
COMP-1RE

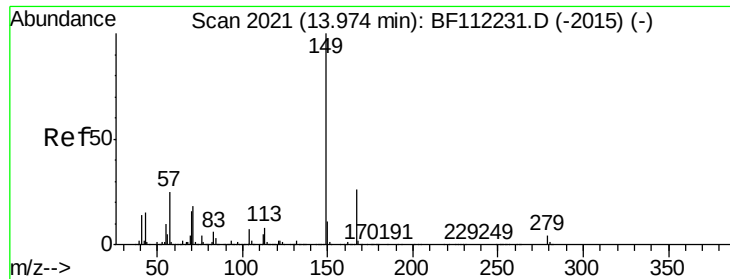
Tgt Ion: 240 Resp: 163080
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.6
236 25.0 20.7 31.1



#79
Terphenyl-d14
Concen: 8.267 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Tgt Ion: 244 Resp: 71582
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 10.1 9.8 14.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.403 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.05 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

Instrument :

BNA_F

ClientSampleId :

COMP-1RE

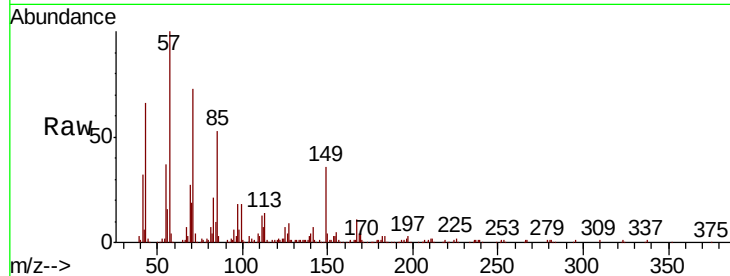
Tgt Ion:149 Resp: 49647

Ion Ratio Lower Upper

149 100

167 30.8 22.5 33.7

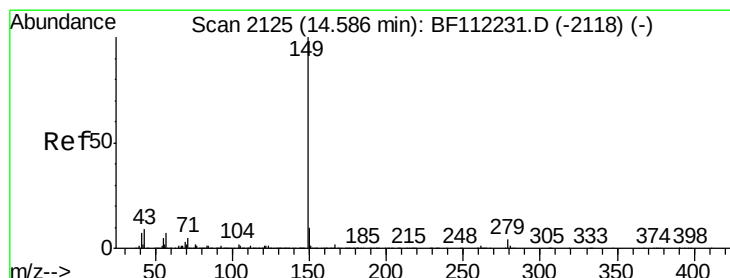
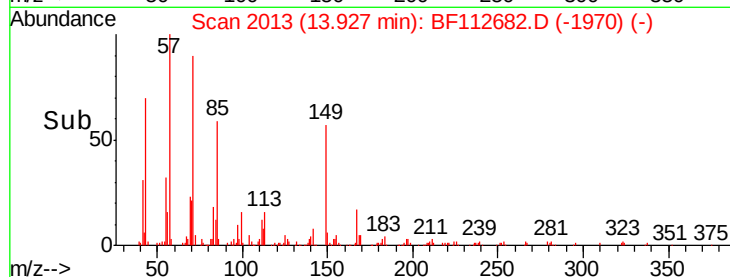
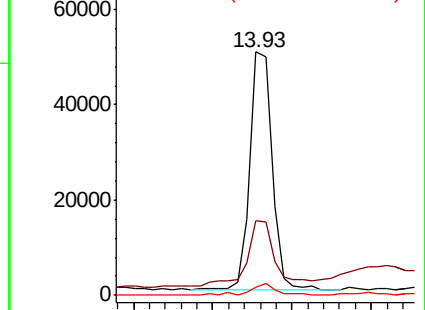
279 3.2 3.8 5.6#



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



#85

Di-n-octyl phthalate

Concen: 11.177 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BF112682.D

Acq: 22 Feb 2019 23:22

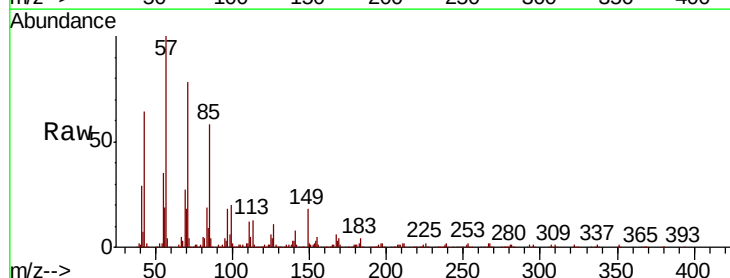
Tgt Ion:149 Resp: 133343

Ion Ratio Lower Upper

149 100

167 4.0 1.3 1.9#

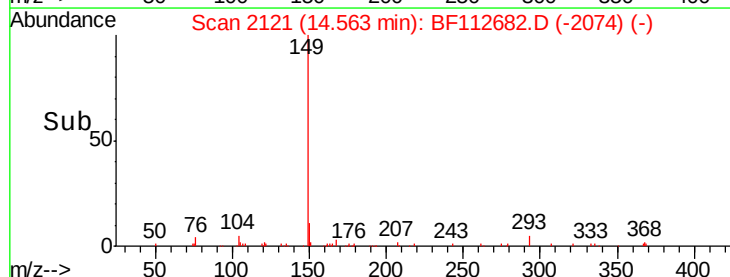
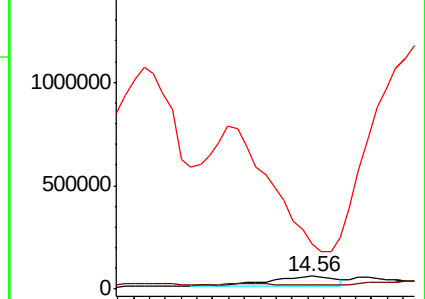
43 0.0 7.8 11.6#

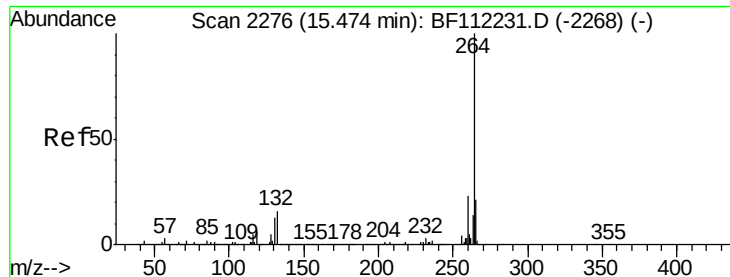


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

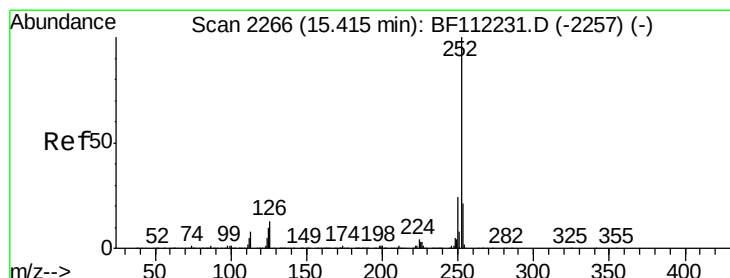
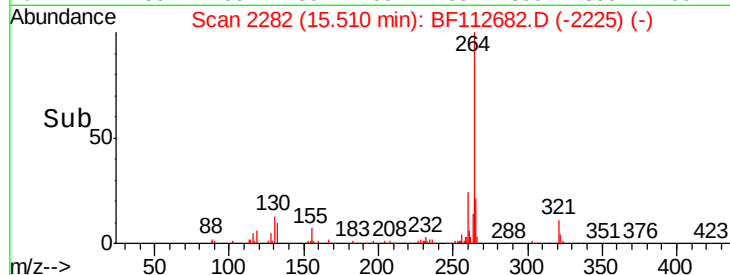
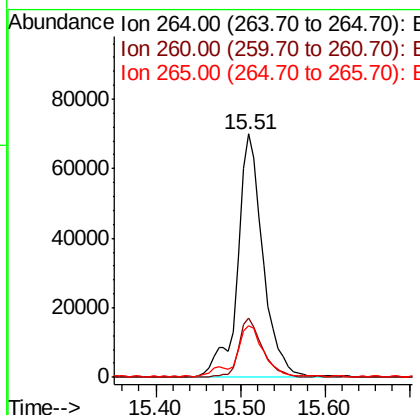
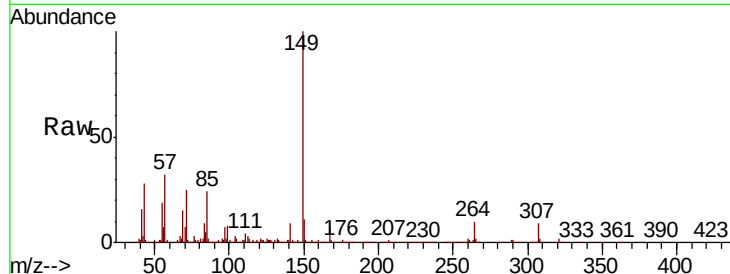




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.04 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Instrument :
BNA_F
ClientSampleId :
COMP-1RE

Tgt Ion:264 Resp: 145473
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.2
265 21.2 17.0 25.4



#90
Benzo(a)pyrene
Concen: 2.060 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.06 min
Lab File: BF112682.D
Acq: 22 Feb 2019 23:22

Tgt Ion:252 Resp: 16125
Ion Ratio Lower Upper
252 100
253 16.6 17.5 26.3#
125 132.2 9.0 13.4#

