

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020419\
 Data File : BF112381.D
 Acq On : 4 Feb 2019 15:46
 Operator : JU/SJ
 Sample : K1360-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-200034

Quant Time: Feb 04 23:46:08 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

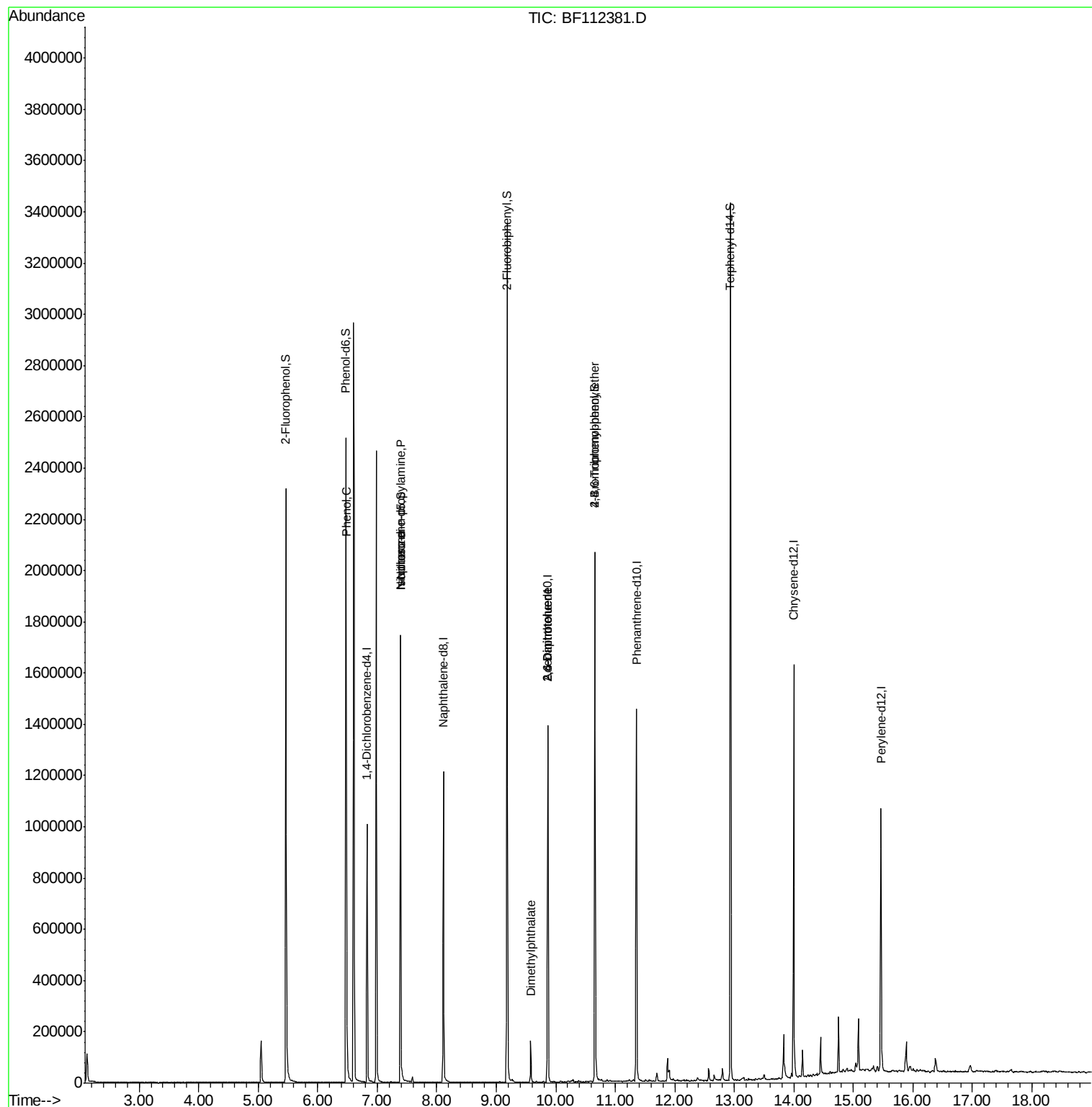
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	154334	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	600101	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	300646	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	596779	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	531391	20.00	ng	-0.01
87) Perylene-d12	15.46	264	404968	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	696361	95.84	ng	-0.01
7) Phenol-d6	6.47	99	882577	87.41	ng	-0.02
23) Nitrobenzene-d5	7.39	82	546039	52.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	270982	77.44	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1055033	49.63	ng	-0.02
79) Terphenyl-d14	12.94	244	1213817	43.02	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	22214	2.005	ng	90
19) n-Nitroso-di-n-propylamine	7.39	70	73076	10.497	ng	# 77
25) Isophorone	7.39	82	546033	33.420	ng	# 63
50) Dimethylphthalate	9.58	163	70561	3.021	ng	99
51) 2,6-Dinitrotoluene	9.87	165	37630	7.193	ng	# 34
57) 2,4-Dinitrotoluene	9.87	165	37630	5.650	ng	# 32
67) 4-Bromophenyl-phenylether	10.66	248	16100	2.294	ng	# 1

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

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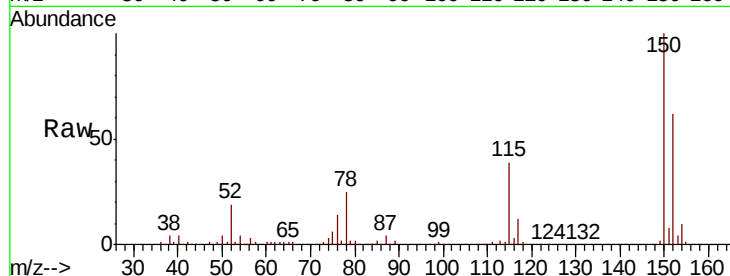


#1

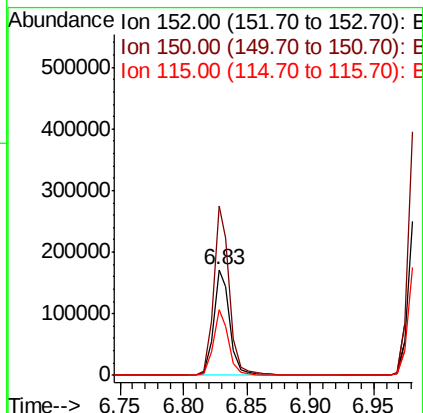
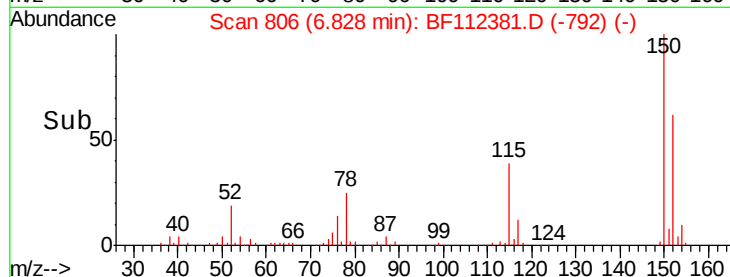
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:152 Resp: 154334
Ion Ratio Lower Upper
152 100
150 160.8 127.4 191.0
115 62.3 45.5 68.3



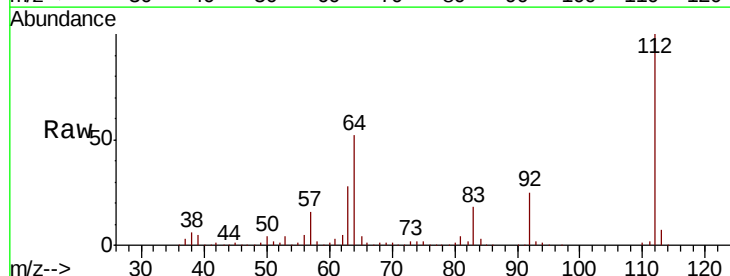
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



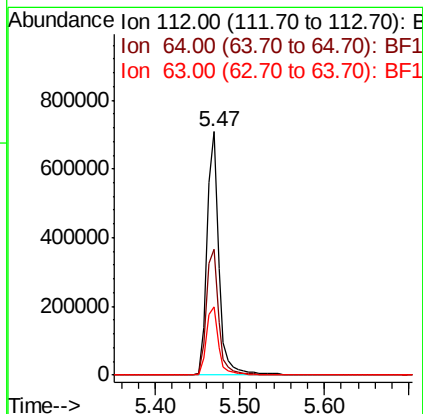
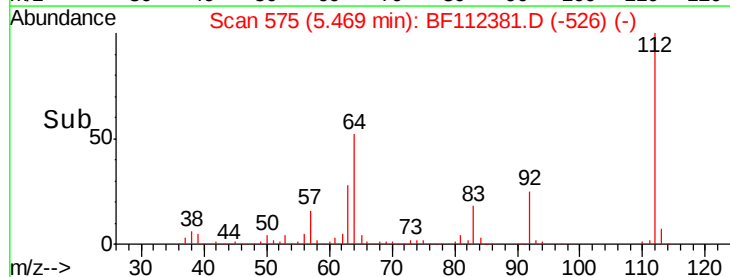
#5

2-Fluorophenol
Concen: 95.839 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:112 Resp: 696361
Ion Ratio Lower Upper
112 100
64 51.5 45.7 68.5
63 28.0 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: 87.415 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Instrument :

BNA_F

ClientSampleId :

RBR-200034

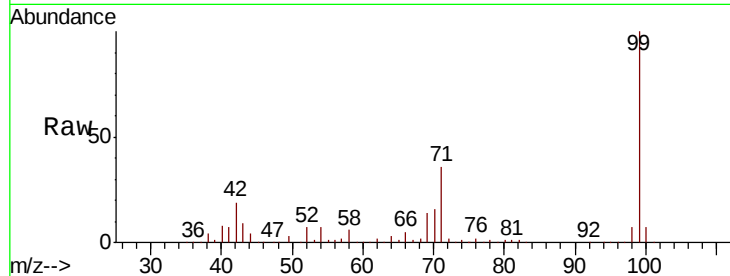
Tgt Ion: 99 Resp: 882577

Ion Ratio Lower Upper

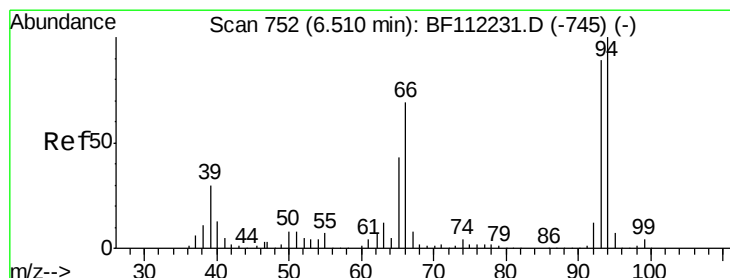
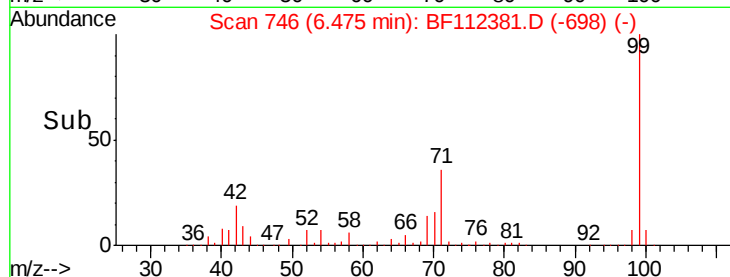
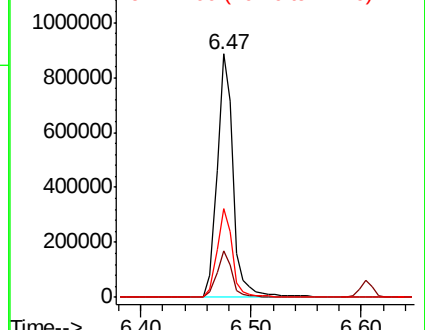
99 100

42 19.3 15.1 22.7

71 36.3 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1
800000
600000
400000
200000
0



#10

Phenol

Concen: 2.005 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

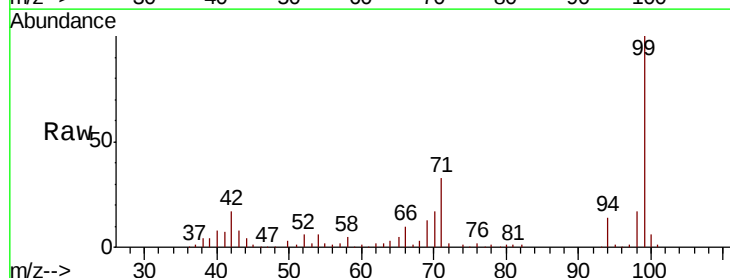
Tgt Ion: 94 Resp: 22214

Ion Ratio Lower Upper

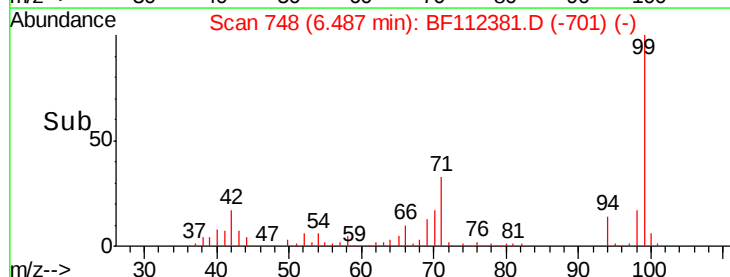
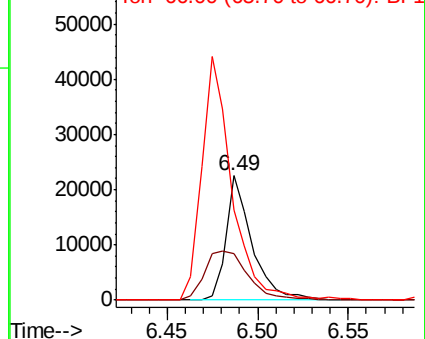
94 100

65 37.1 20.3 60.3

66 72.1 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
60000
Ion 65.00 (64.70 to 65.70): BF1
50000
Ion 66.00 (65.70 to 66.70): BF1
40000
30000
20000
10000
0

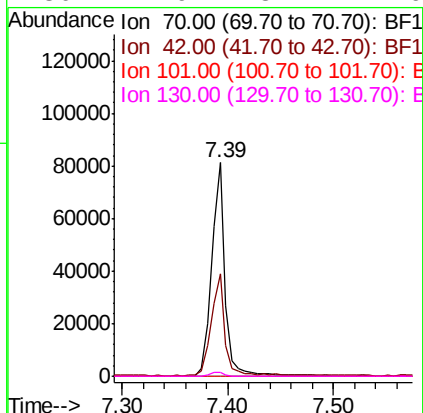
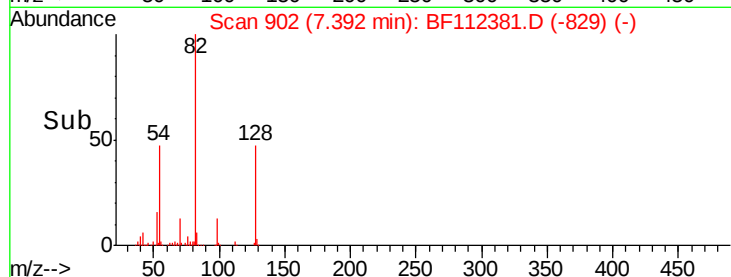
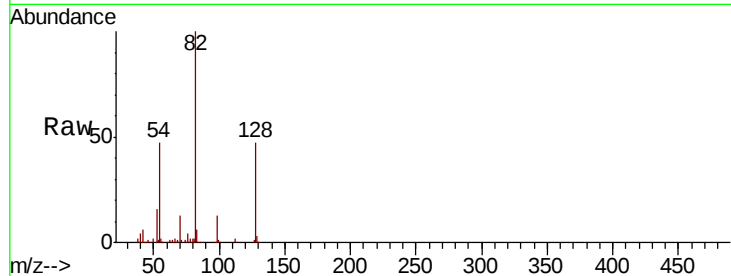




#19
n-Nitroso-di-n-propylamine
Concen: 10.497 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

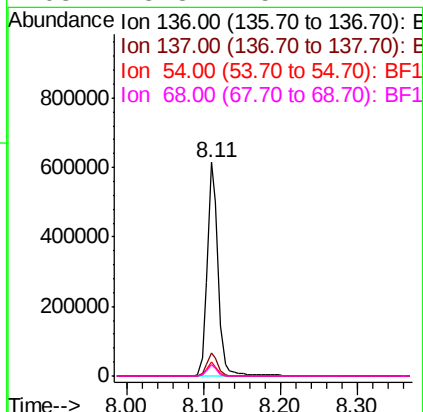
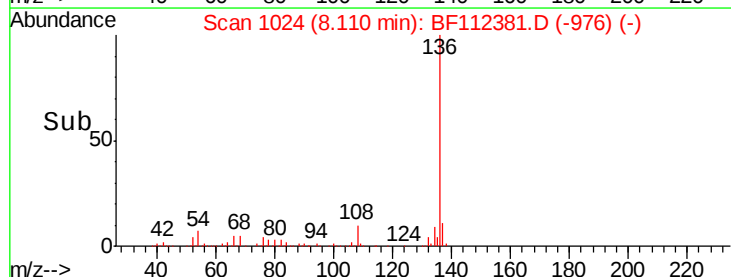
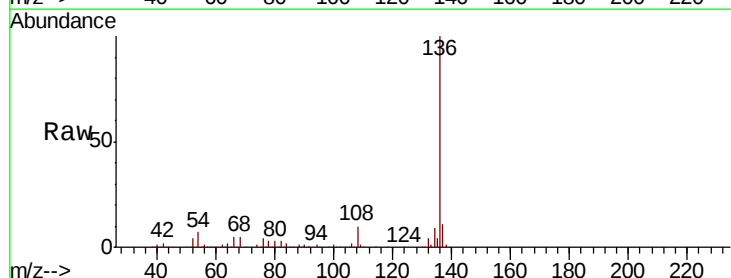
Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:	70	Resp:	73076
Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.6	71.4
101	0.0	7.9	11.9#
130	1.9	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:	136	Resp:	600101
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.8	5.9	8.9
68	5.3	5.1	7.7

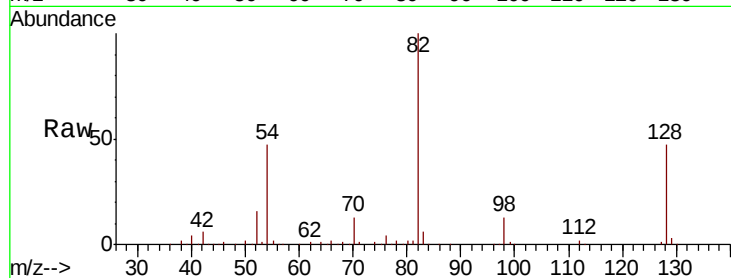




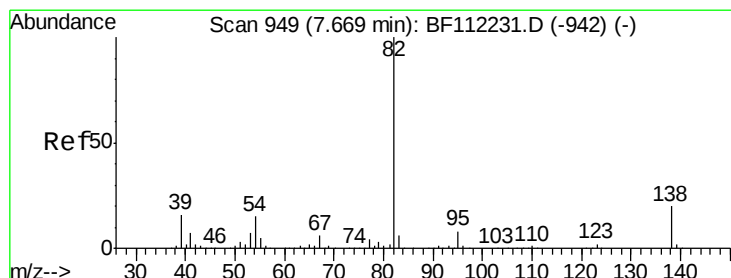
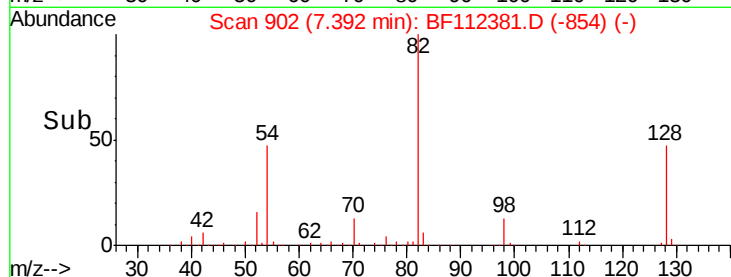
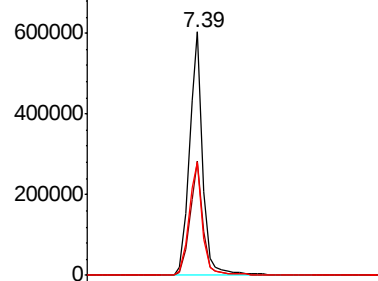
#23
Nitrobenzene-d5
Concen: 52.429 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion: 82 Resp: 546039
Ion Ratio Lower Upper
82 100
128 47.2 37.8 56.8
54 46.5 39.7 59.5

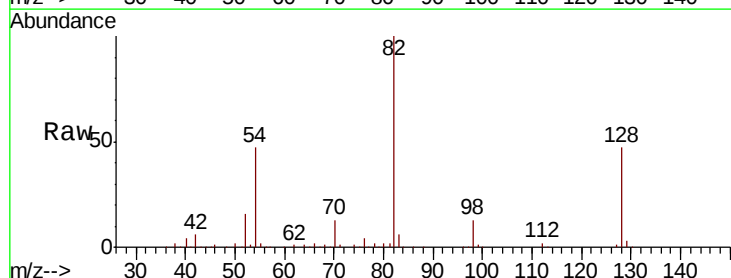


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

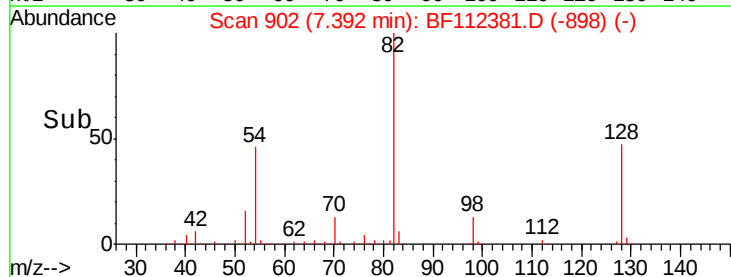
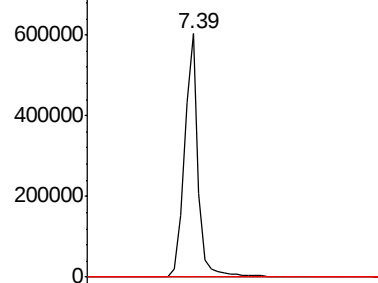


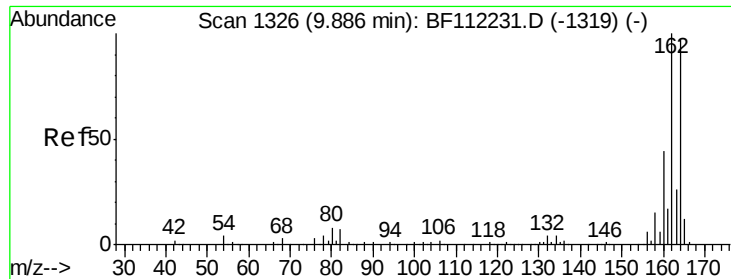
#25
Isophorone
Concen: 33.420 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.28 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion: 82 Resp: 546033
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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Instrument :

BNA_F

ClientSampleId :

RBR-200034

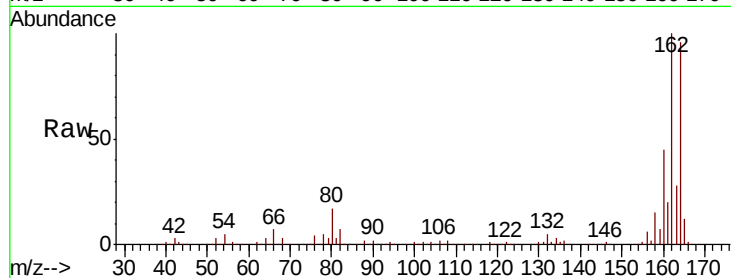
Tgt Ion:164 Resp: 300646

Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.4

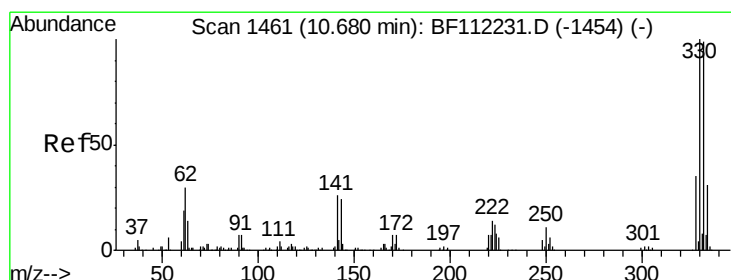
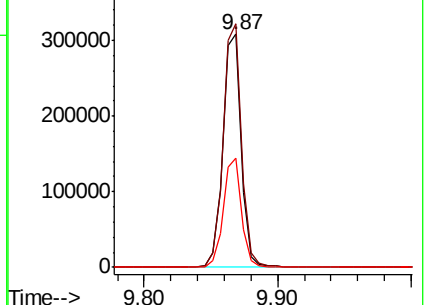
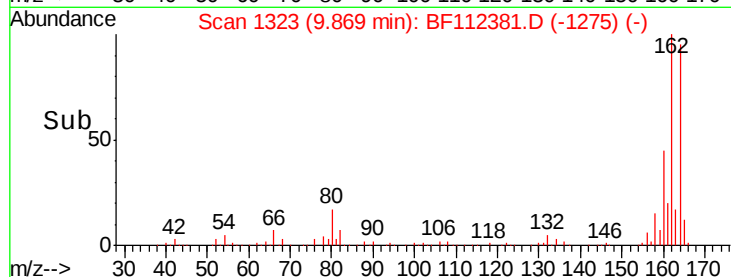
160 46.7 36.2 54.4



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: 77.436 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

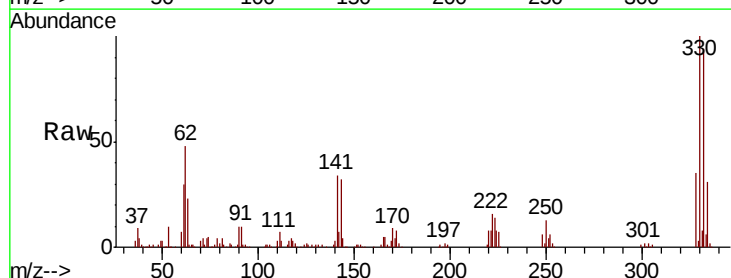
Tgt Ion:330 Resp: 270982

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

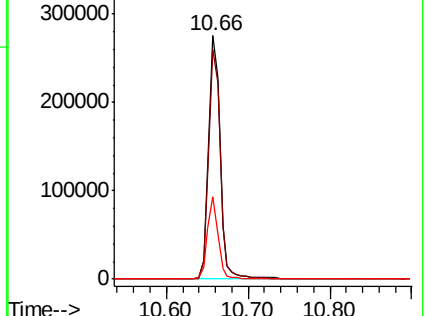
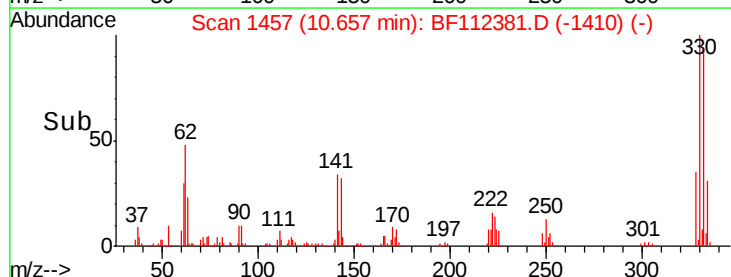
141 31.3 24.3 36.5

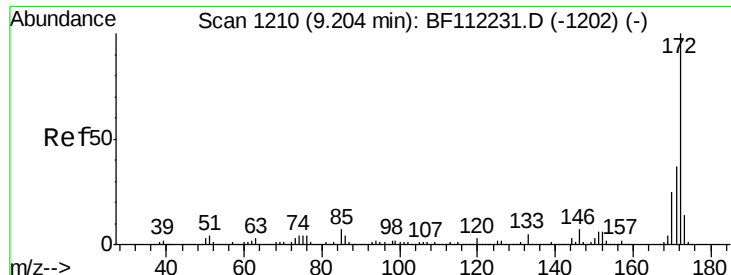


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

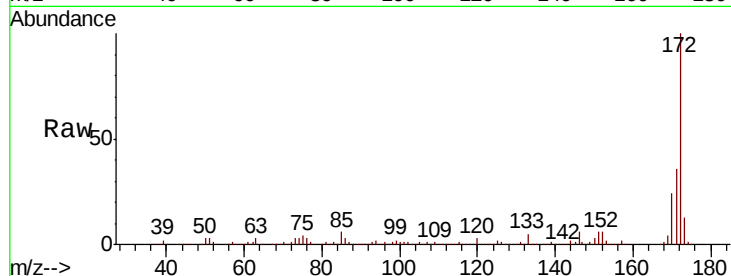




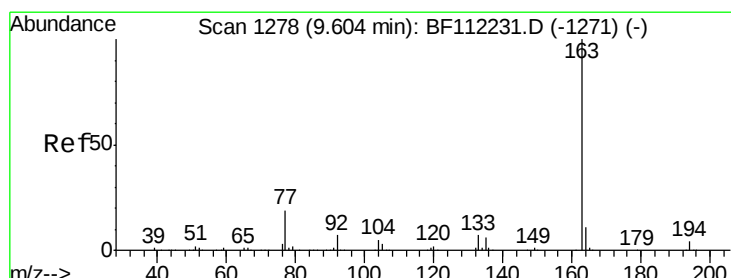
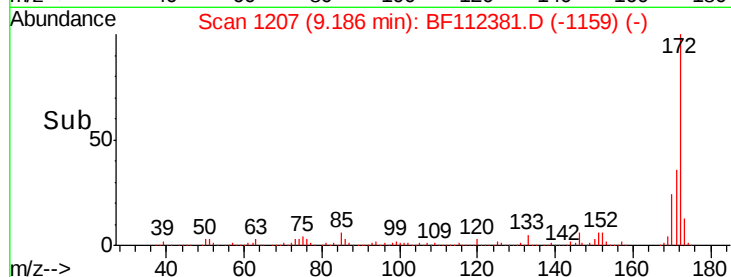
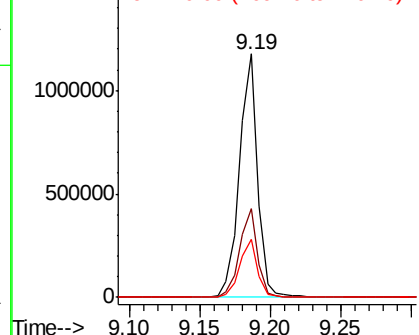
#45
2-Fluorobiphenyl
Concen: 49.632 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:172 Resp: 1055033
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.8 20.2 30.4

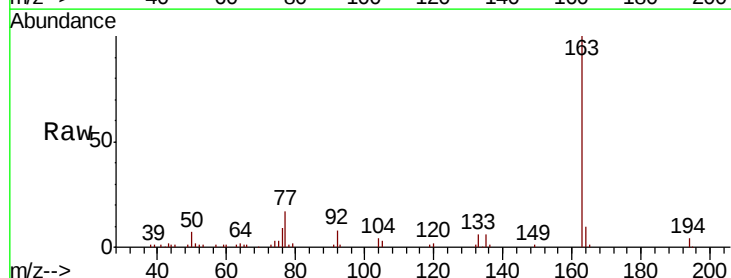


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

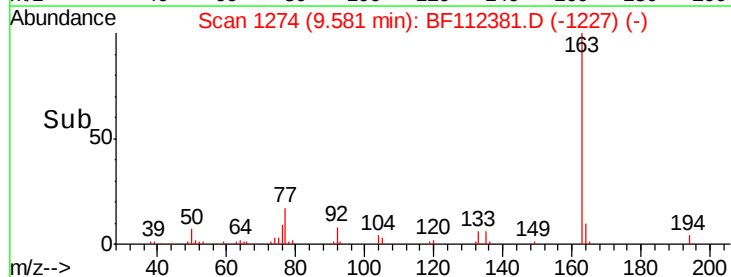
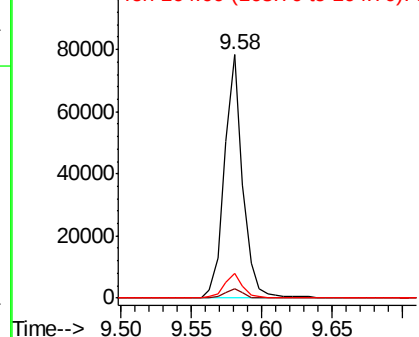


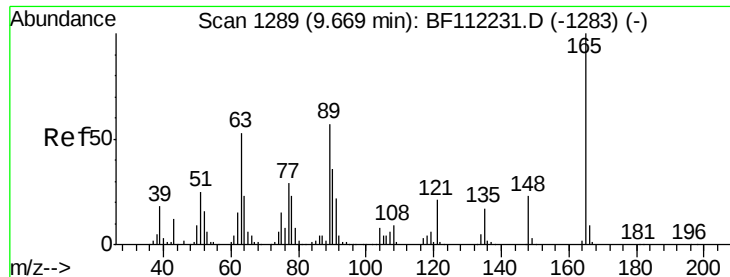
#50
Dimethylphthalate
Concen: 3.021 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:163 Resp: 70561
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.0 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





#51

2,6-Dinitrotoluene

Concen: 7.193 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Instrument :

BNA_F

ClientSampleId :

RBR-200034

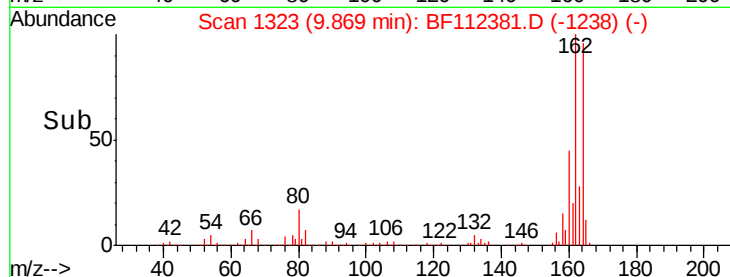
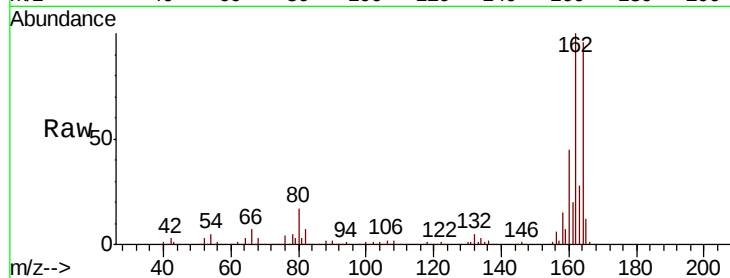
Tgt Ion:165 Resp: 37630

Ion Ratio Lower Upper

165 100

63 1.4 33.8 50.8#

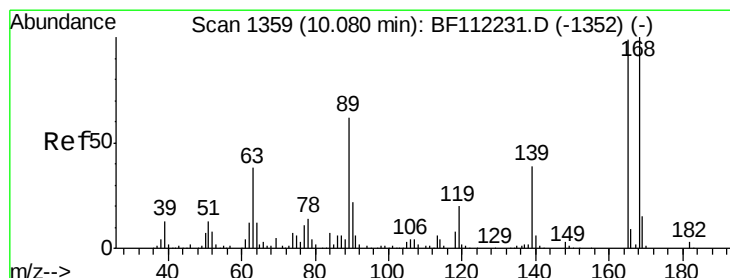
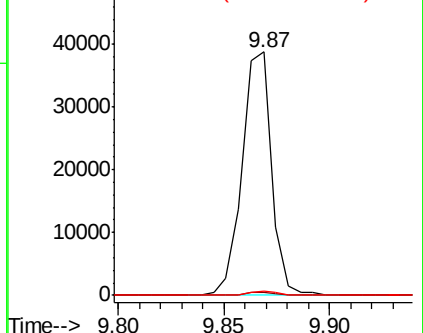
89 1.7 36.9 55.3#



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: 5.650 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Tgt Ion:165 Resp: 37630

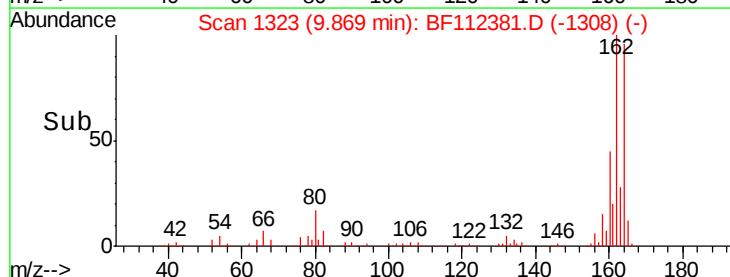
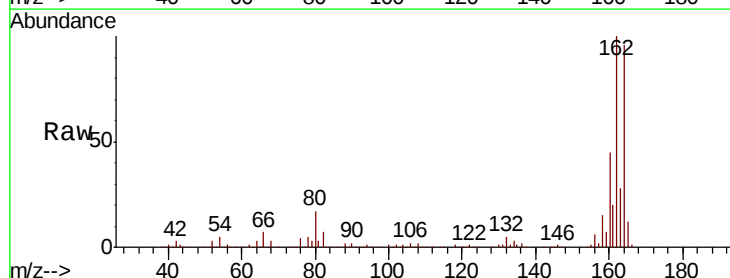
Ion Ratio Lower Upper

165 100

63 1.4 27.9 41.9#

89 1.7 47.9 71.9#

182 0.0 2.2 3.4#

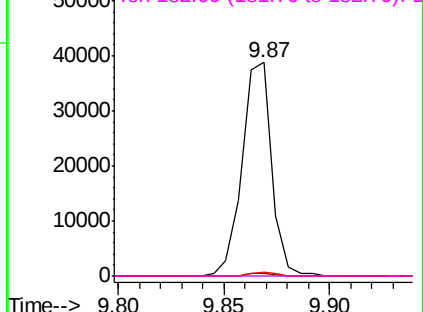


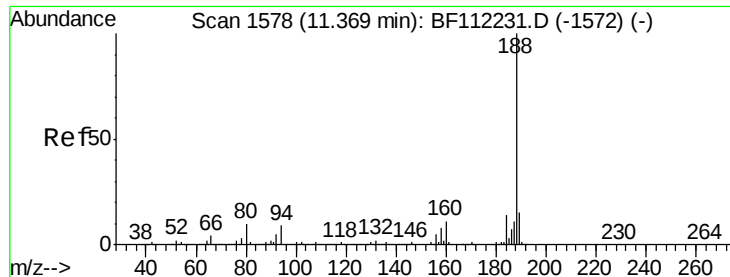
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

Instrument :

BNA_F

ClientSampleId :

RBR-200034

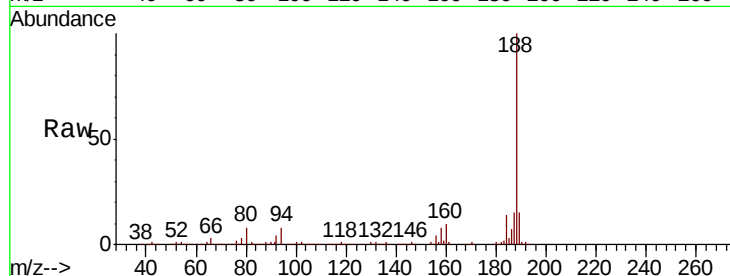
Tgt Ion:188 Resp: 596779

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.2#

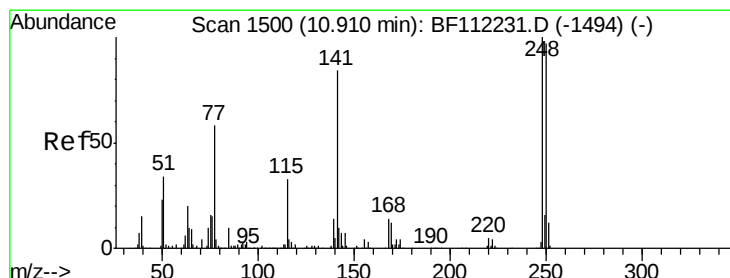
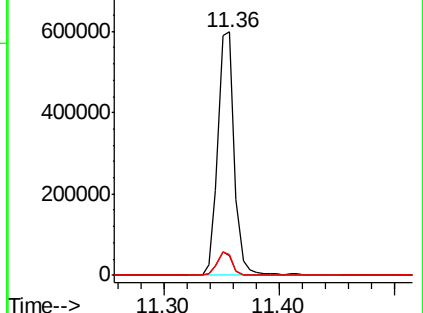
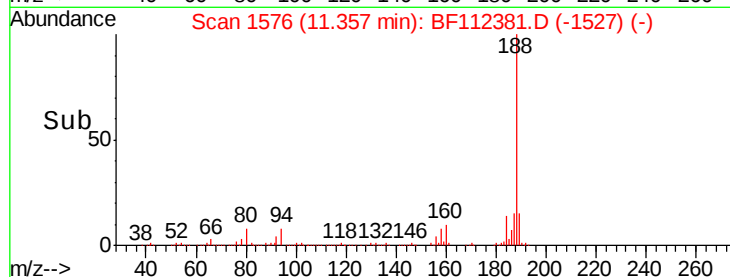
80 8.4 8.9 13.3#



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



#67

4-Bromophenyl-phenylether

Concen: 2.294 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.25 min

Lab File: BF112381.D

Acq: 4 Feb 2019 15:46

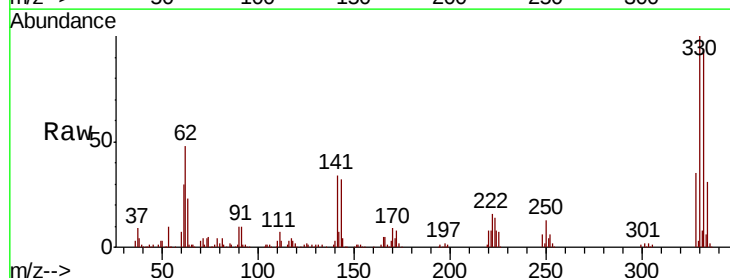
Tgt Ion:248 Resp: 16100

Ion Ratio Lower Upper

248 100

250 209.3 79.7 119.5#

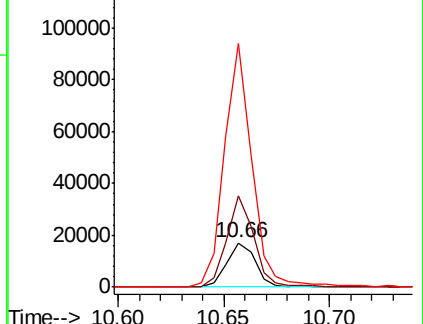
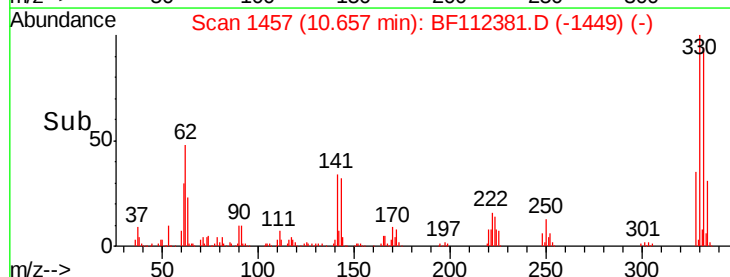
141 554.4 60.3 90.5#

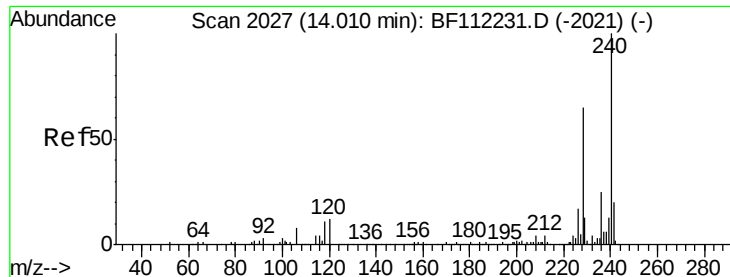


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

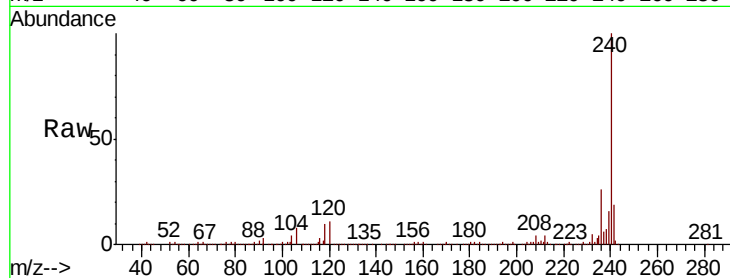




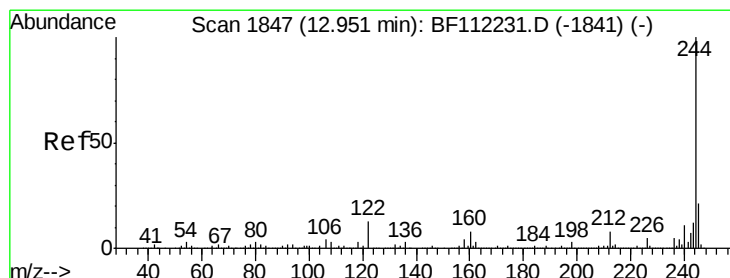
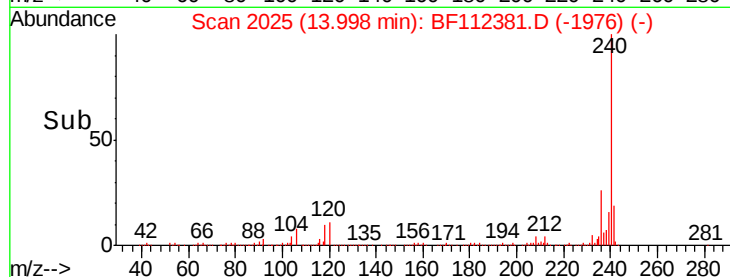
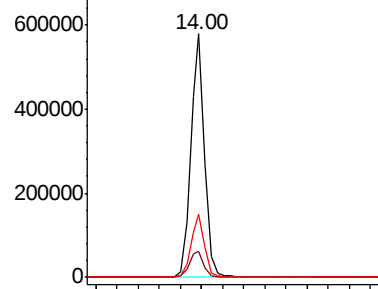
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion:240 Resp: 531391
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.8 20.7 31.1

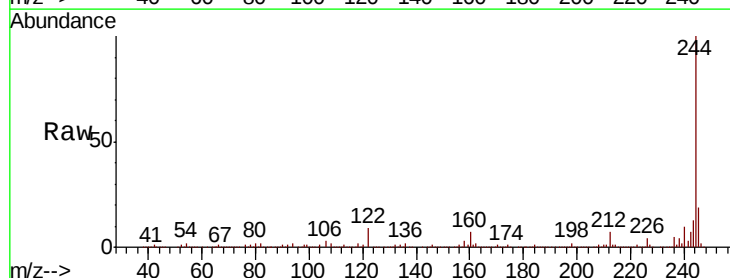


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

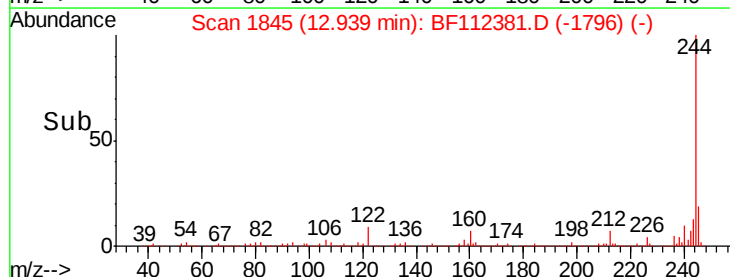
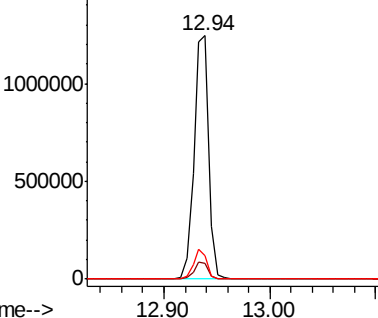


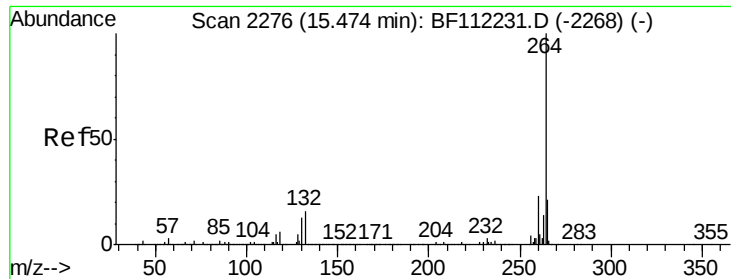
#79
Terphenyl-d14
Concen: 43.022 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Tgt Ion:244 Resp: 1213817
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 9.5 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: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF112381.D
Acq: 4 Feb 2019 15:46

Instrument :
BNA_F
ClientSampleId :
RBR-200034

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.5	17.0	25.4

