

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112667.D
 Acq On : 22 Feb 2019 16:35
 Operator : JU/SJ
 Sample : PB117293BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117293BL

Quant Time: Feb 22 22:14:18 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

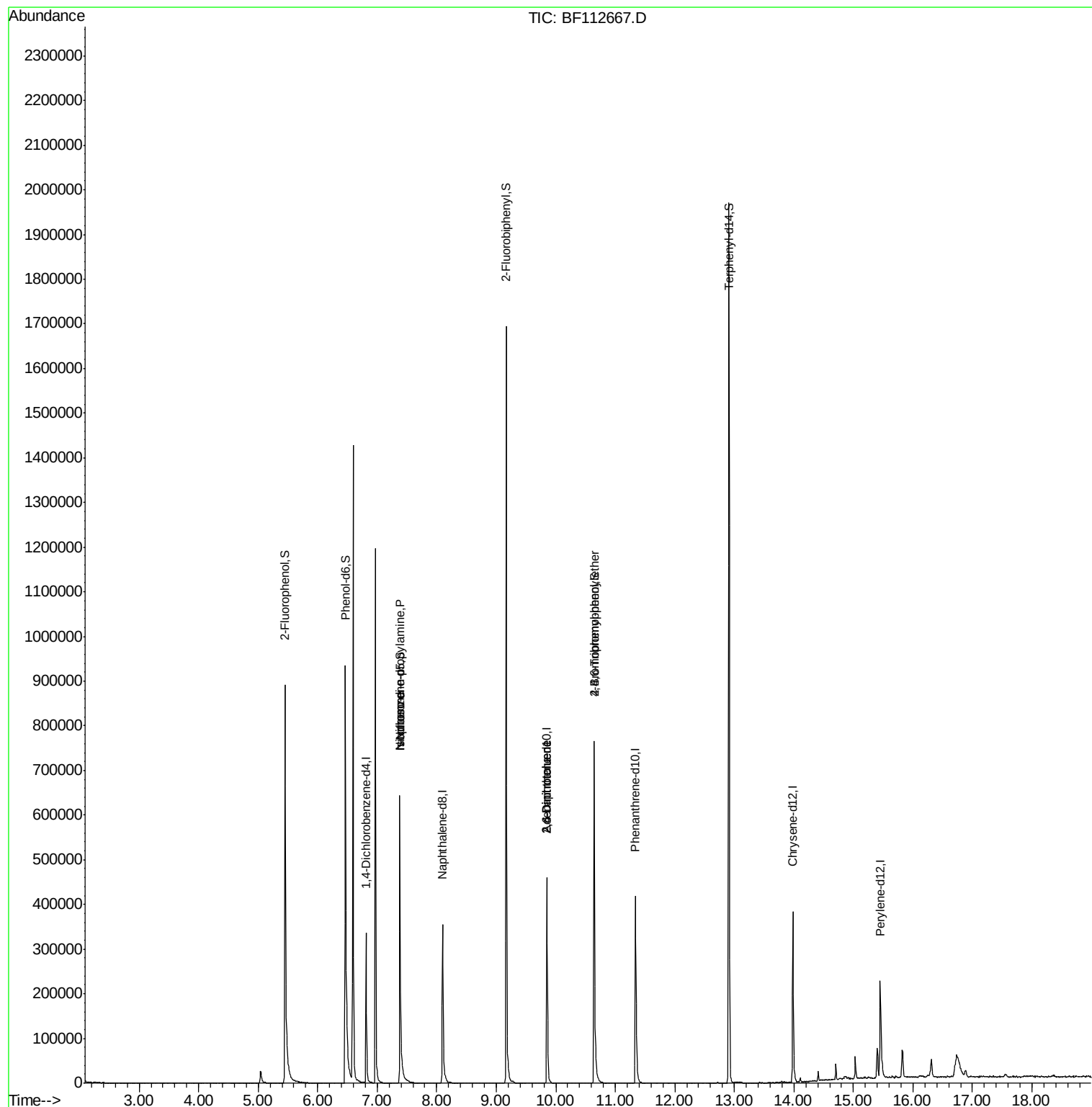
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	58618	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	230389	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	110849	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	225412	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	184442	20.00	ng	-0.03
87) Perylene-d12	15.45	264	148344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	345895	125.34	ng	-0.03
7) Phenol-d6	6.46	99	444313	115.86	ng	-0.03
23) Nitrobenzene-d5	7.38	82	268122	67.06	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	129460	100.34	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	574622	73.32	ng	-0.04
79) Terphenyl-d14	12.91	244	657408	67.13	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	36715	13.885	ng	# 77
25) Isophorone	7.38	82	268122	42.744	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	13809	7.159	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	13809	5.624	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	7743	2.921	ng	# 1

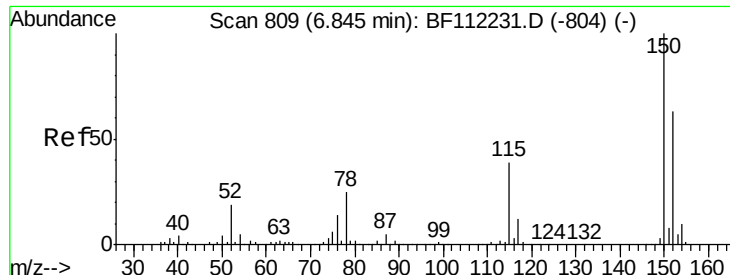
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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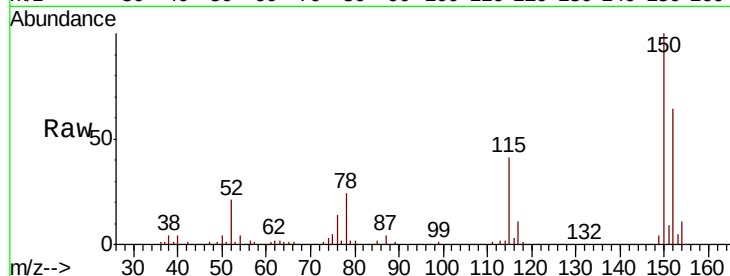


#1

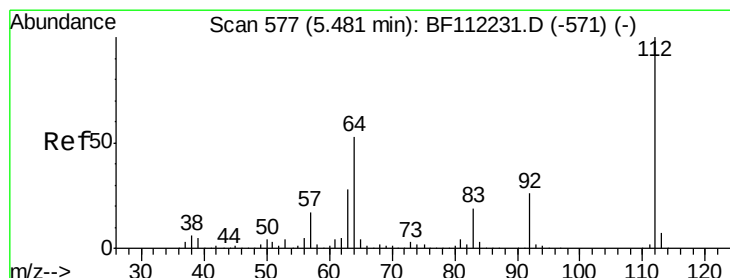
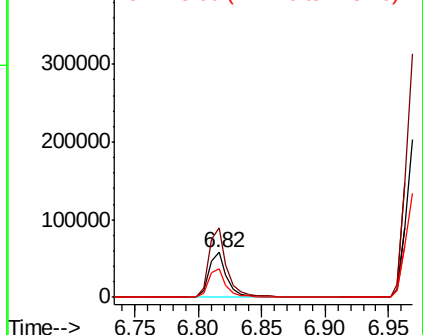
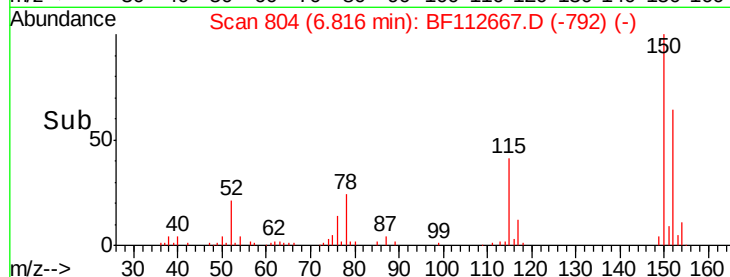
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112667.D
Acq: 22 Feb 2019 16:35

Instrument :
BNA_F
ClientSampleId :
PB117293BL

Tgt Ion:152 Resp: 58618
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.0
115 63.4 45.5 68.3



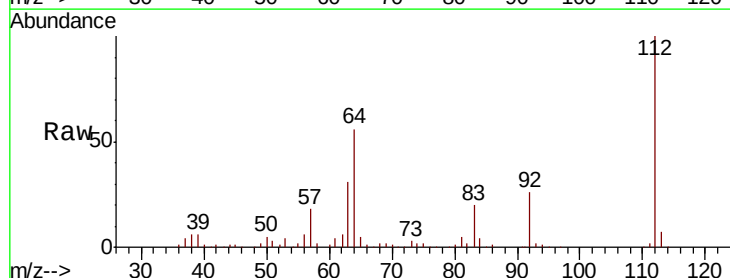
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



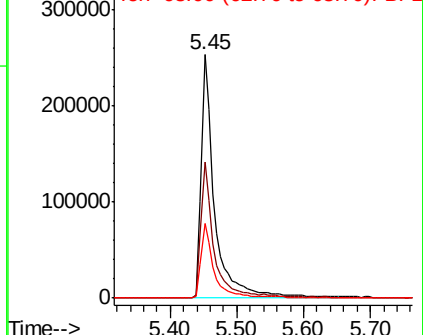
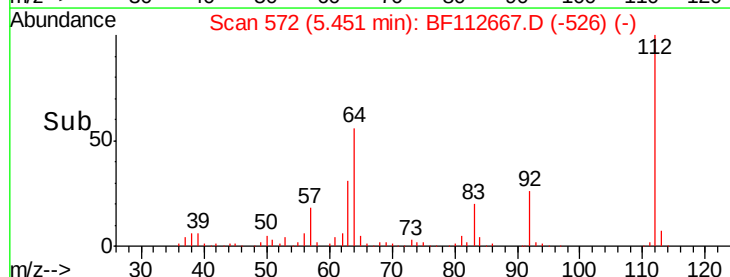
#5

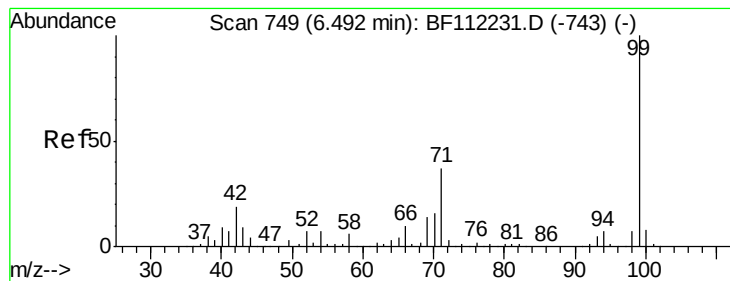
2-Fluorophenol
Concen: 125.338 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF112667.D
Acq: 22 Feb 2019 16:35

Tgt Ion:112 Resp: 345895
Ion Ratio Lower Upper
112 100
64 56.0 45.7 68.5
63 30.9 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: 115.865 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

Instrument :

BNA_F

ClientSampleId :

PB117293BL

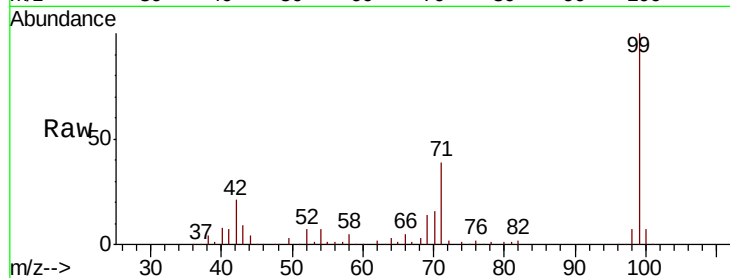
Tgt Ion: 99 Resp: 444313

Ion Ratio Lower Upper

99 100

42 21.2 15.1 22.7

71 38.7 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

400000

300000

200000

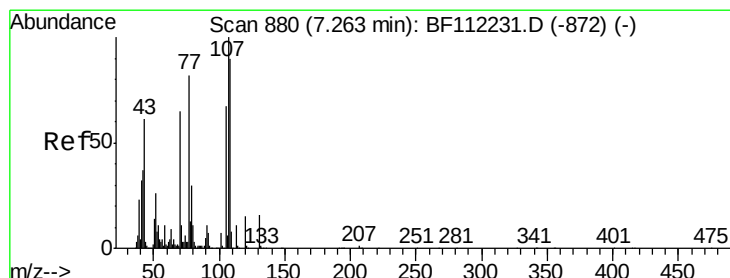
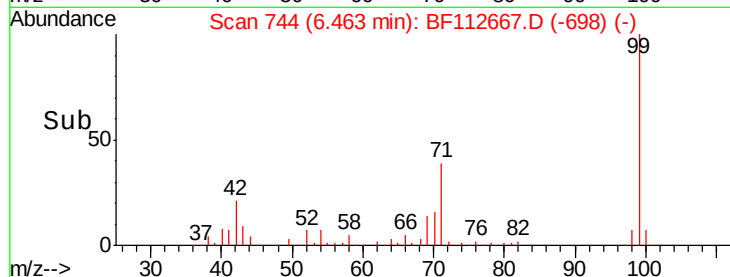
100000

0

6.46

6.40 6.50 6.60 6.70

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.885 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.12 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

Tgt Ion: 70 Resp: 36715

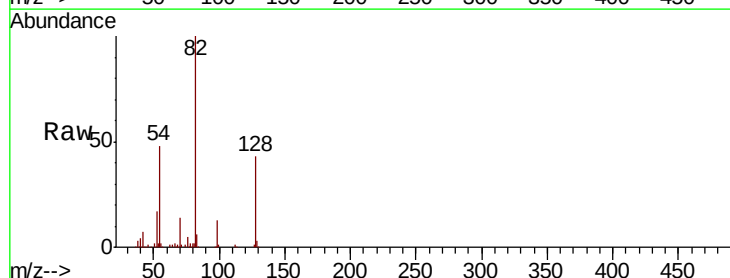
Ion Ratio Lower Upper

70 100

42 48.4 47.6 71.4

101 0.0 7.9 11.9#

130 2.1 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): E

Ion 130.00 (129.70 to 130.70): E

40000

30000

20000

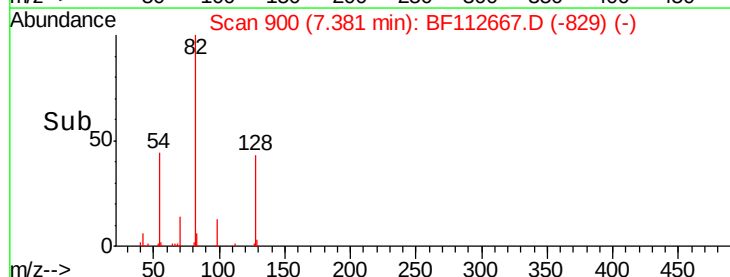
10000

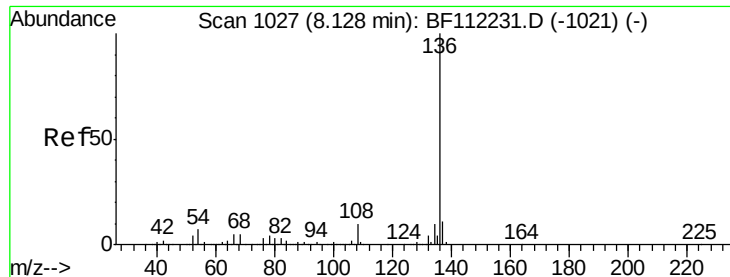
0

7.38

7.30 7.35 7.40 7.45 7.50

Time-->

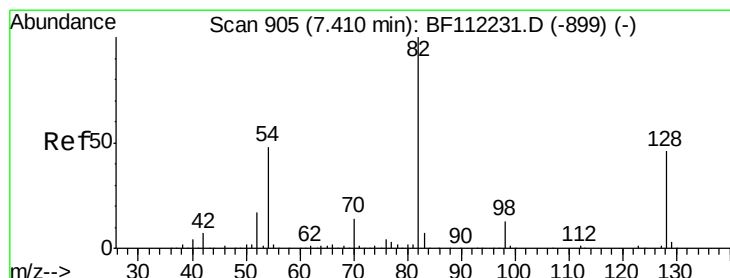
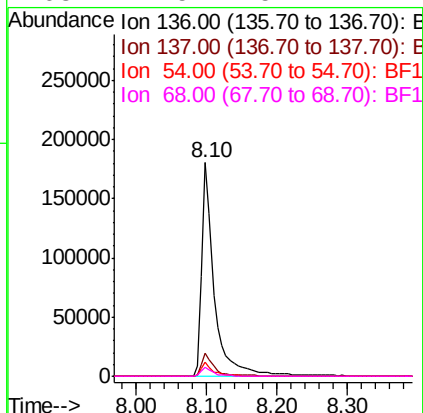
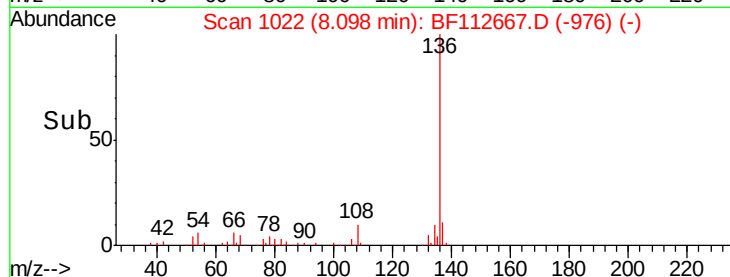
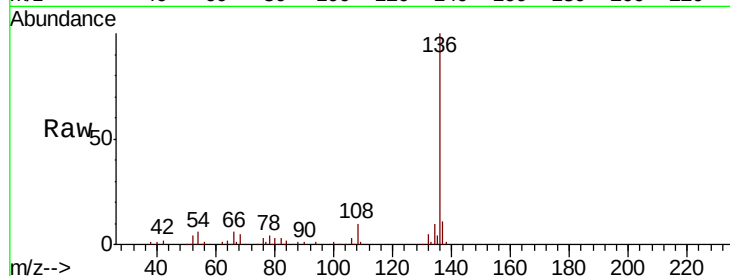




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112667.D
Acq: 22 Feb 2019 16:35

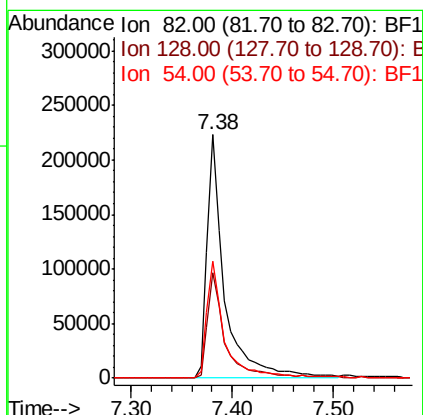
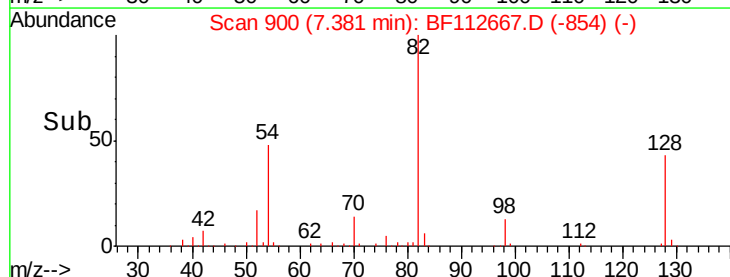
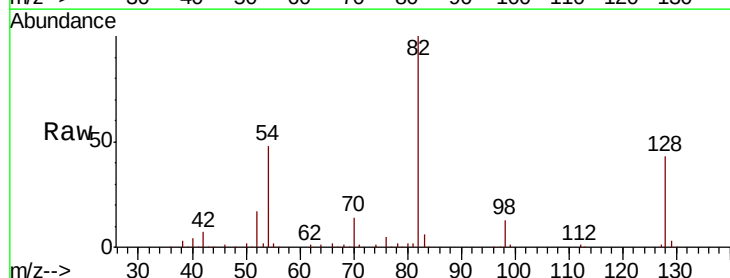
Instrument :
BNA_F
ClientSampled :
PB117293BL

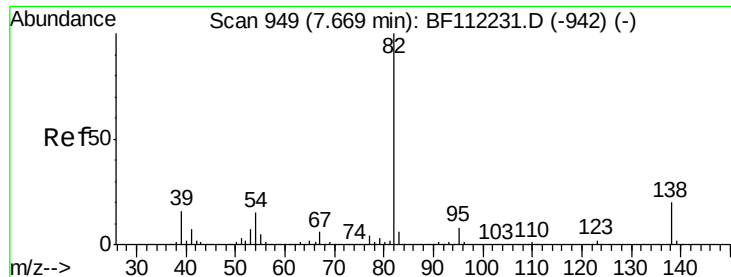
Tgt Ion:	136	Resp:	230389
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.4	5.9	8.9
68	4.5	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 67.057 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BF112667.D
Acq: 22 Feb 2019 16:35

Tgt Ion:	82	Resp:	268122
Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.8	56.8
54	47.8	39.7	59.5





#25

Isophorone

Concen: 42.744 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

Instrument :

BNA_F

ClientSampleId :

PB117293BL

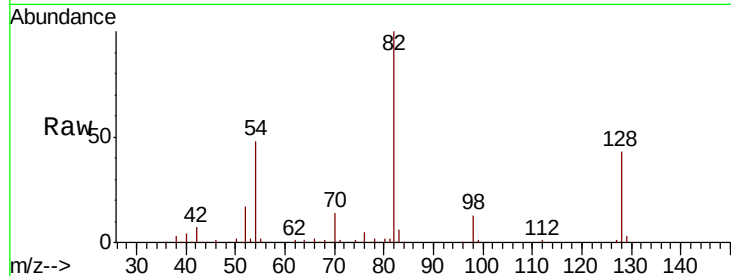
Tgt Ion: 82 Resp: 268122

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

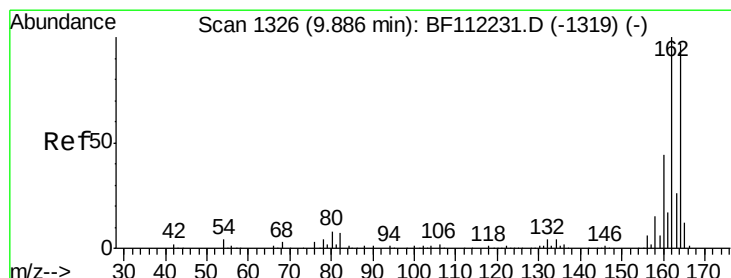
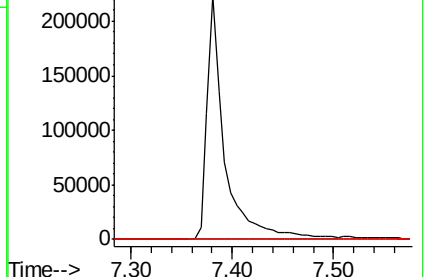
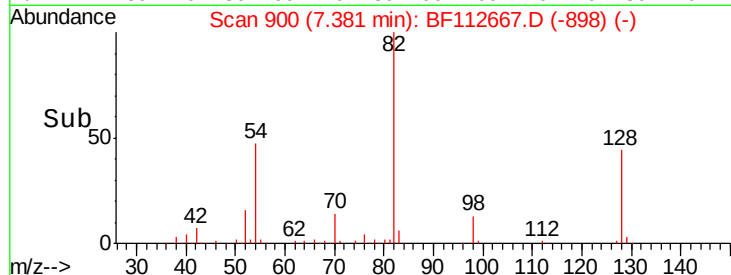
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): 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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

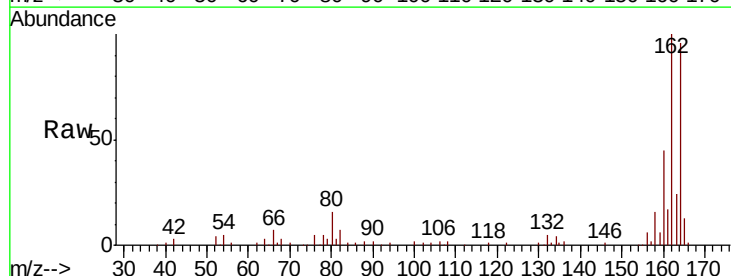
Tgt Ion: 164 Resp: 110849

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.4

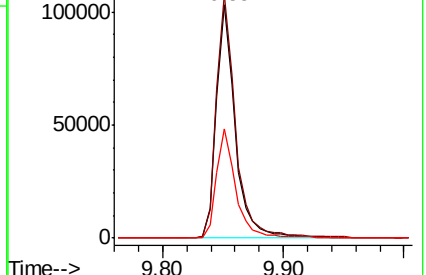
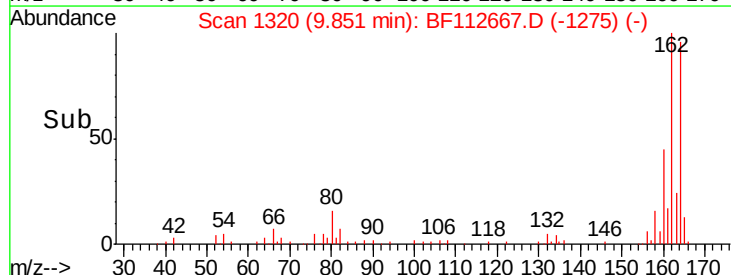
160 46.9 36.2 54.4

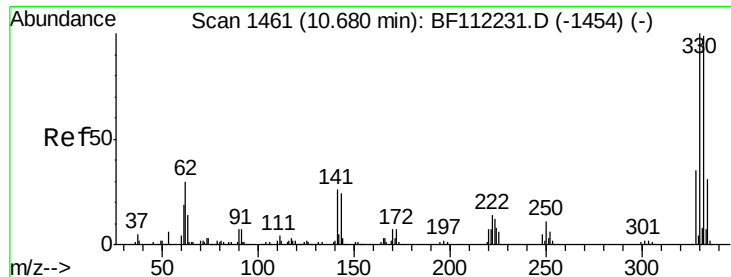


Abundance Ion 164.00 (163.70 to 164.70): BF112231.D (-1319) (-)

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: 100.337 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

Instrument :

BNA_F

ClientSampled :

PB117293BL

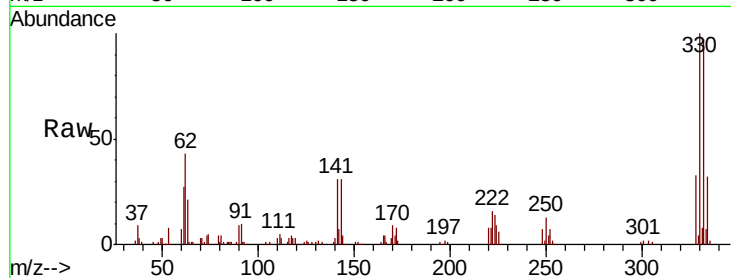
Tgt Ion:330 Resp: 129460

Ion Ratio Lower Upper

330 100

332 96.0 76.6 114.8

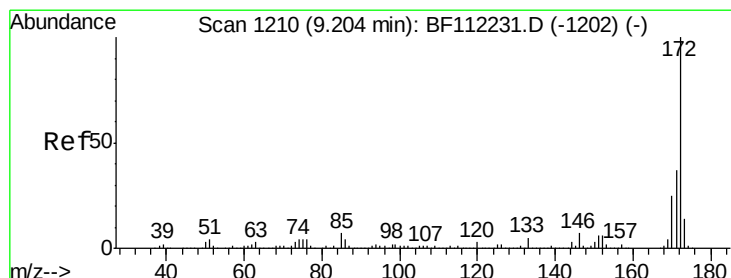
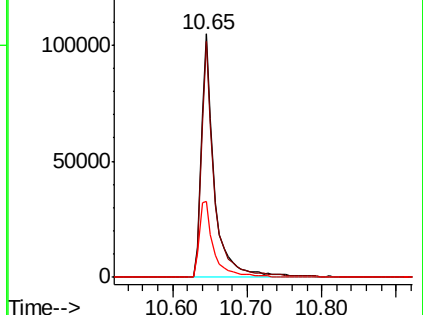
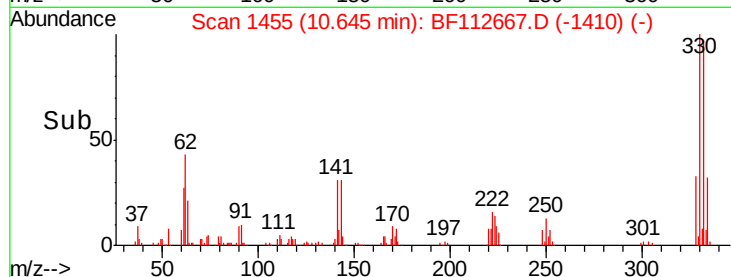
141 34.8 24.3 36.5



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: 73.317 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

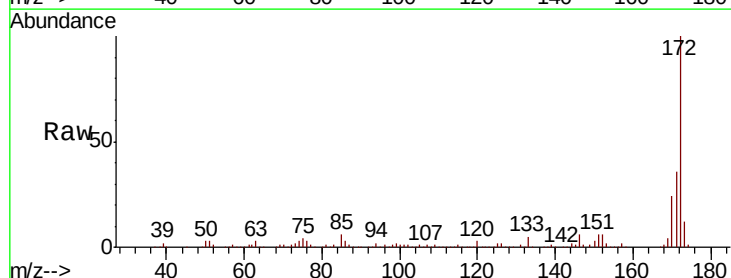
Tgt Ion:172 Resp: 574622

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

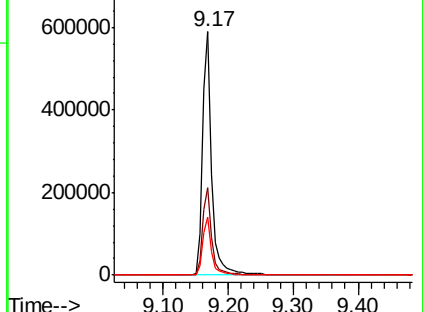
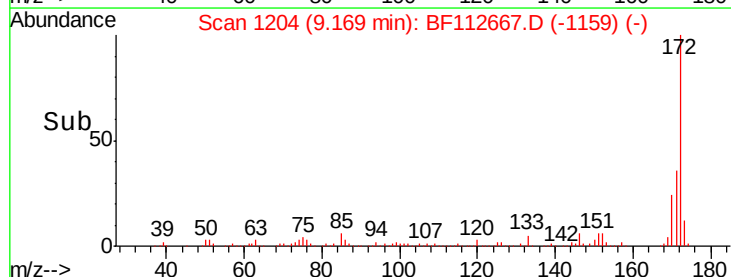
170 23.7 20.2 30.4

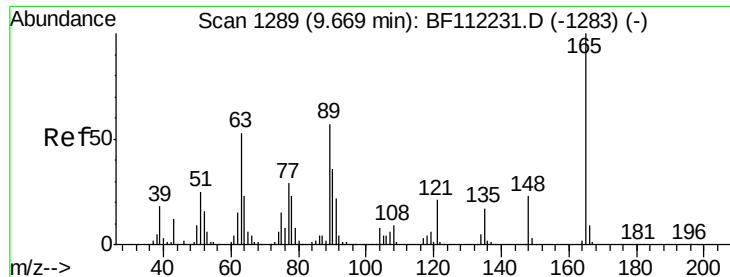


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.159 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

Instrument :

BNA_F

ClientSampleId :

PB117293BL

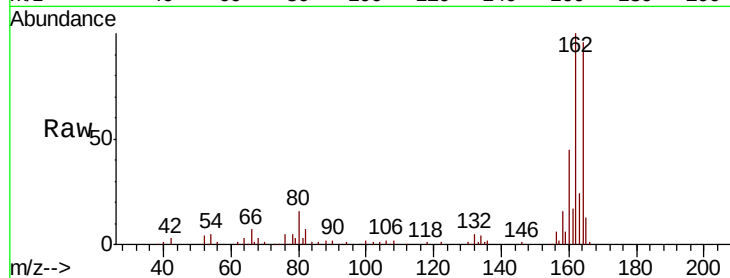
Tgt Ion:165 Resp: 13809

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

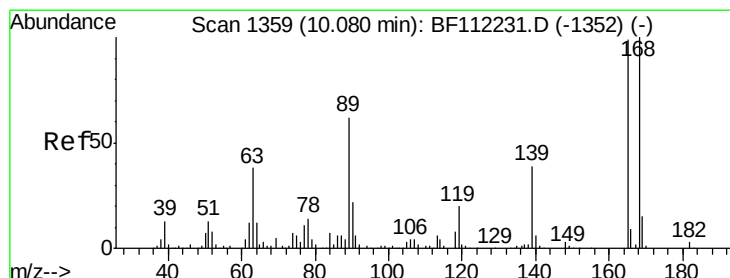
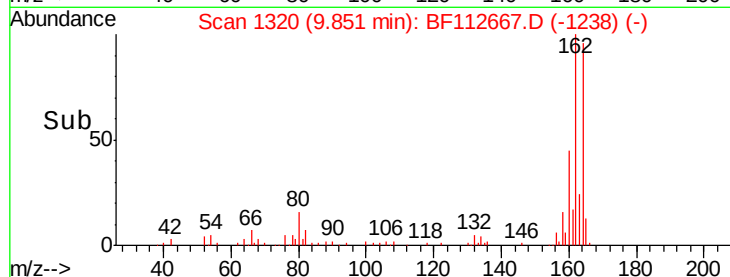
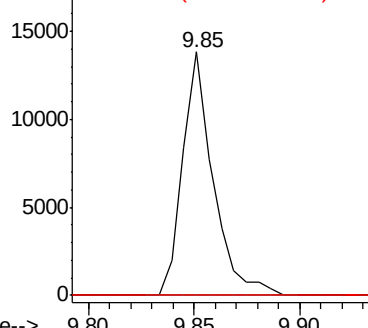
89 0.0 36.9 55.3#



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: 5.624 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

Tgt Ion:165 Resp: 13809

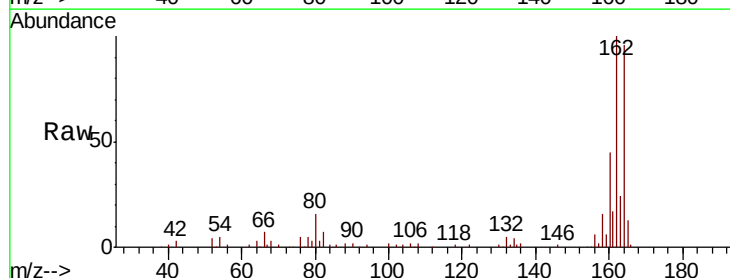
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

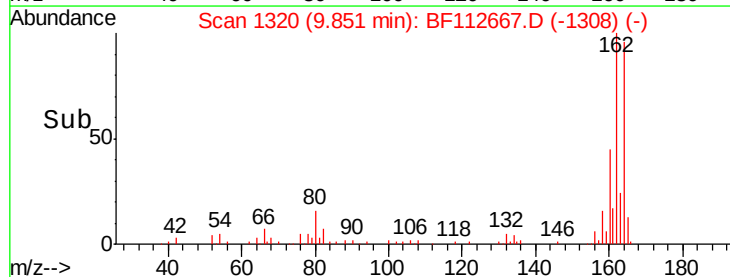
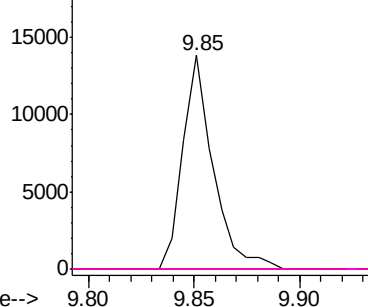


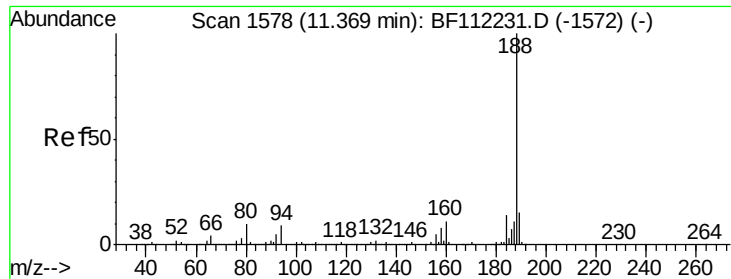
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112667.D

Acq: 22 Feb 2019 16:35

Instrument :

BNA_F

ClientSampleId :

PB117293BL

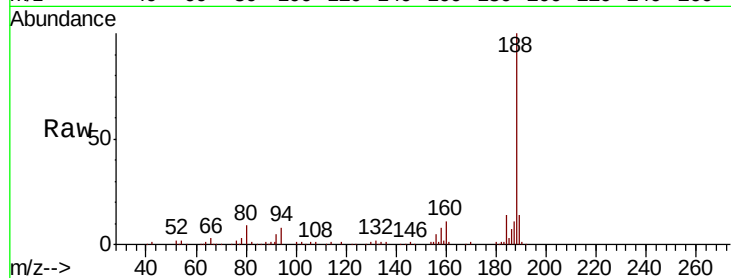
Tgt Ion:188 Resp: 225412

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

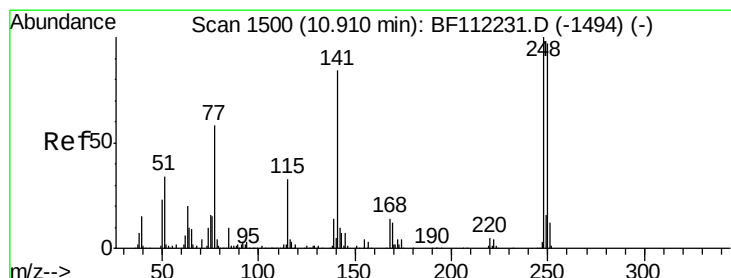
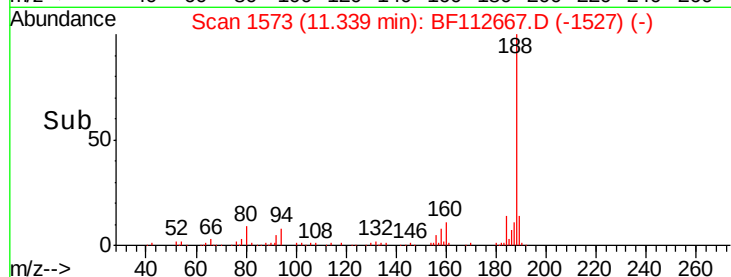
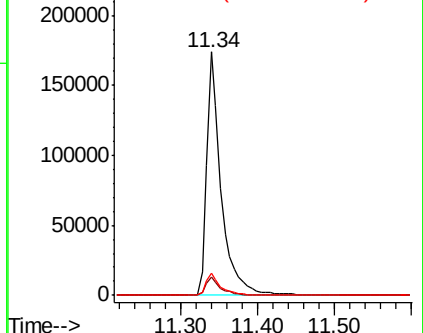
80 9.1 8.9 13.3



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: 2.921 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.26 min

Lab File: BF112667.D

Acq: 22 Feb 2019 16:35

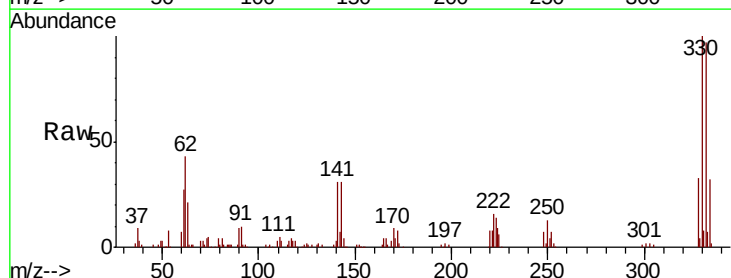
Tgt Ion:248 Resp: 7743

Ion Ratio Lower Upper

248 100

250 187.3 79.7 119.5#

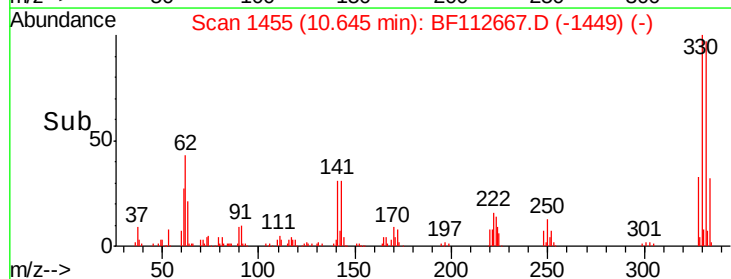
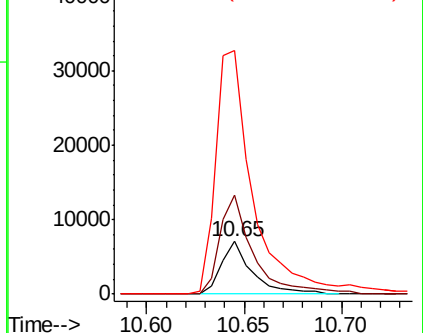
141 460.7 60.3 90.5#

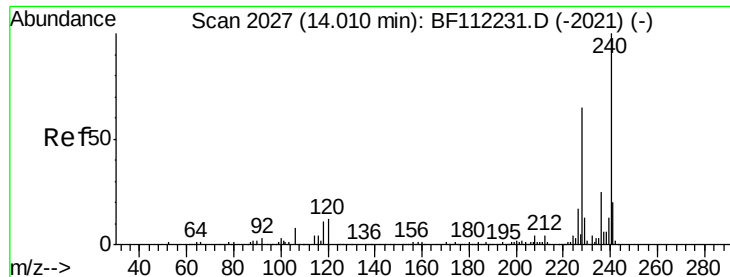


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

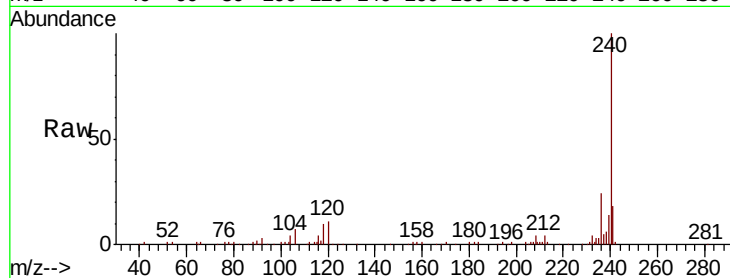




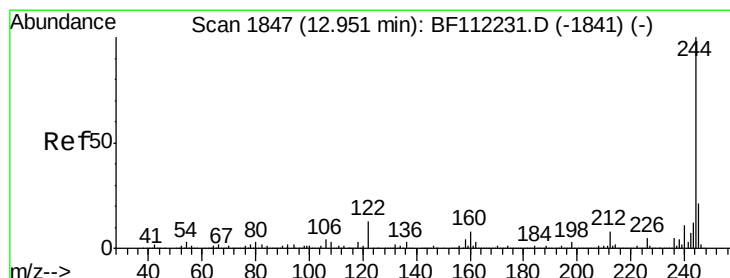
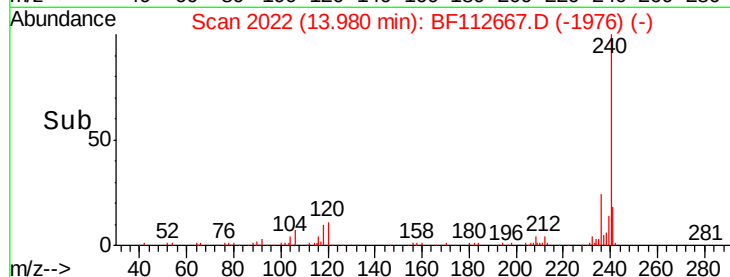
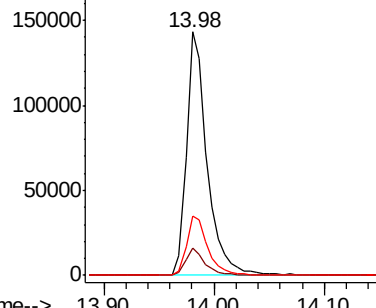
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112667.D
Acq: 22 Feb 2019 16:35

Instrument :
BNA_F
ClientSampleId :
PB117293BL

Tgt Ion:240 Resp: 184442
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 24.1 20.7 31.1

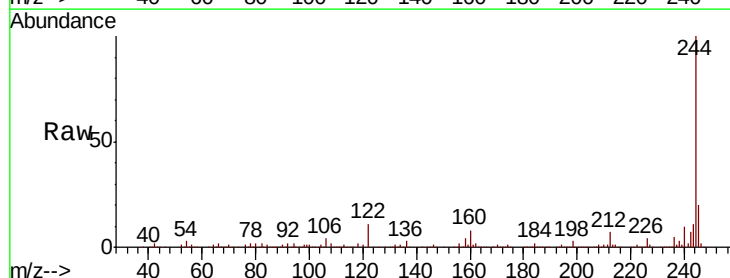


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

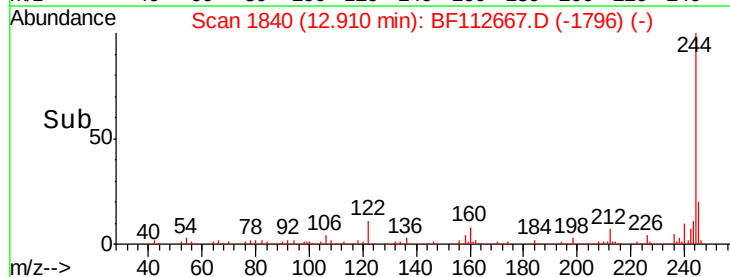
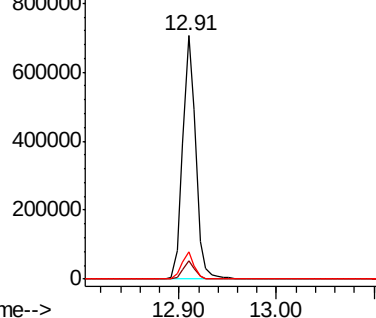


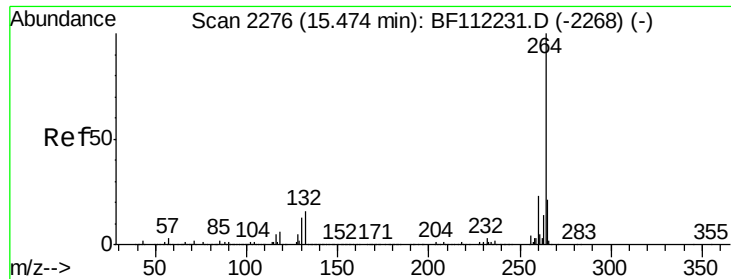
#79
Terphenyl-d14
Concen: 67.132 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112667.D
Acq: 22 Feb 2019 16:35

Tgt Ion:244 Resp: 657408
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.1 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: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF112667.D
Acq: 22 Feb 2019 16:35

Instrument :
BNA_F
ClientSampleId :
PB117293BL

Tgt Ion:	264	Resp:	148344
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.9	17.0	25.4

