

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022219\
 Data File : BF112668.D
 Acq On : 22 Feb 2019 17:02
 Operator : JU/SJ
 Sample : PB117296BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117296BL

Quant Time: Feb 22 22:14:29 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

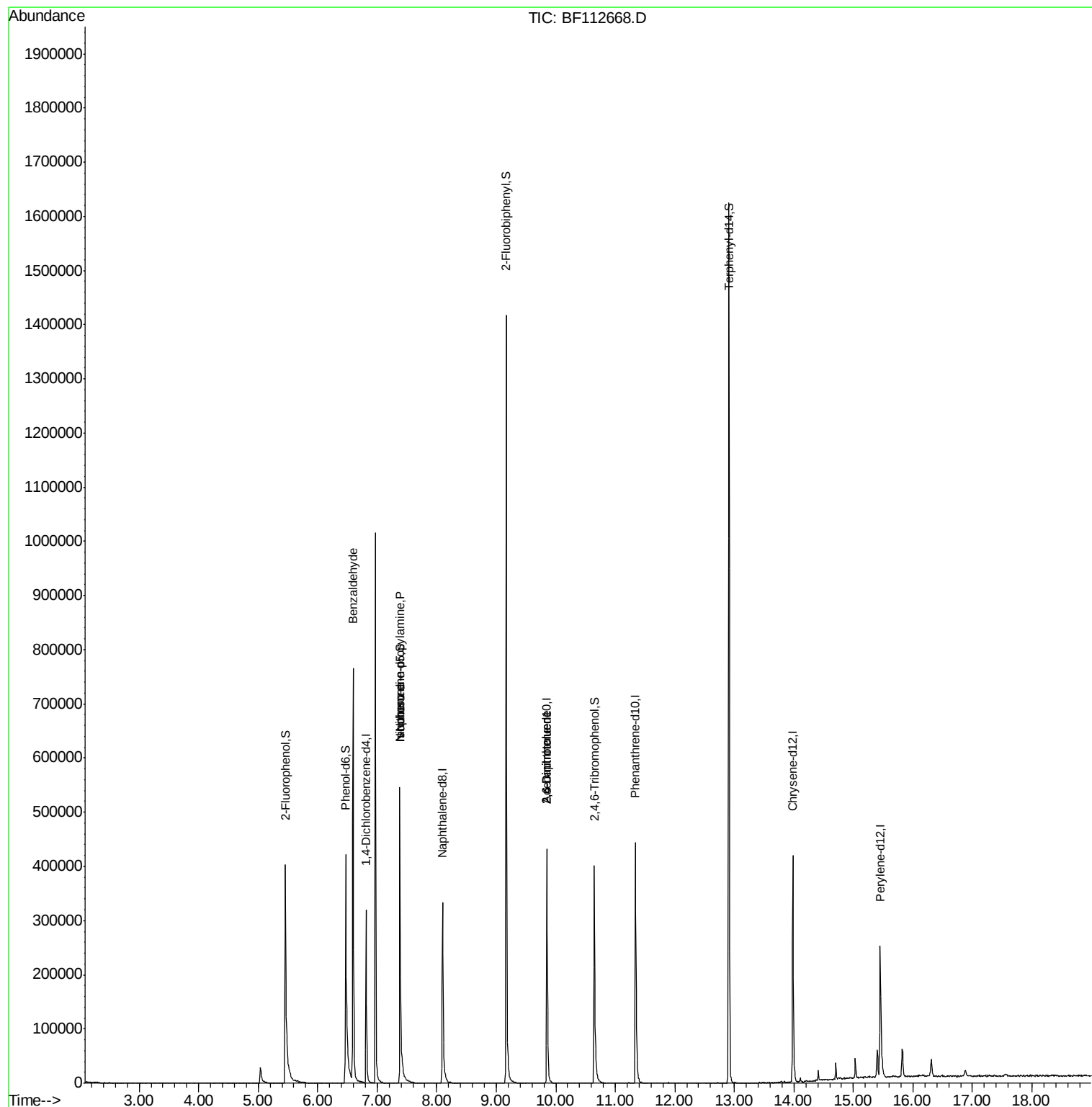
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	56753	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	222991	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	110191	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	229184	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	196071	20.00	ng	-0.03
87) Perylene-d12	15.45	264	161714	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	193600	72.46	ng	-0.02
7) Phenol-d6	6.47	99	258417	69.60	ng	-0.02
23) Nitrobenzene-d5	7.38	82	237333	61.33	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	72765	56.73	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	510712	65.55	ng	-0.04
79) Terphenyl-d14	12.91	244	546486	52.50	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.59	77	5004	2.579	ng	85
19) n-Nitroso-di-n-propylamine	7.38	70	31964	12.485	ng	# 79
25) Isophorone	7.38	82	237333	39.091	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	13718	7.154	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	13718	5.620	ng	# 30

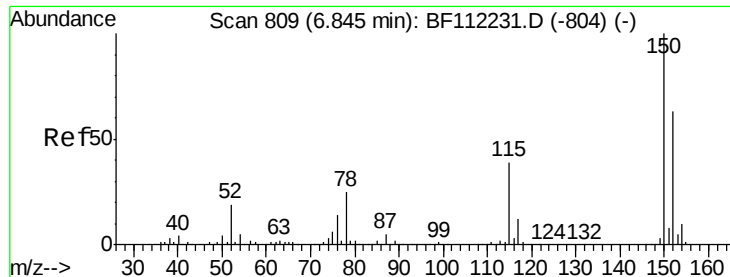
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF112668.D

Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL

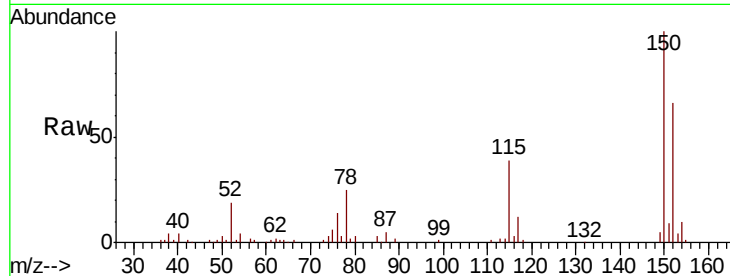
Tgt Ion:152 Resp: 56753

Ion Ratio Lower Upper

152 100

150 150.5 127.4 191.0

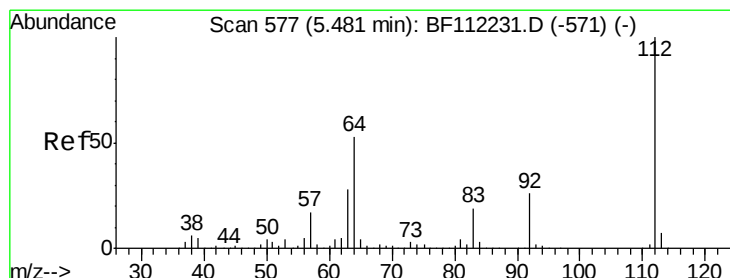
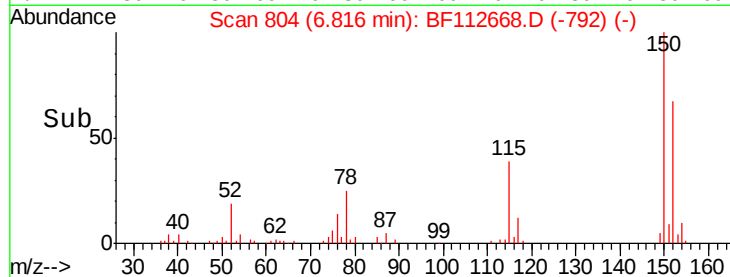
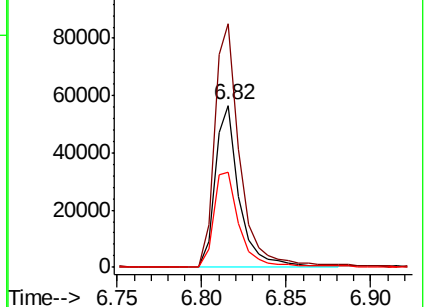
115 58.8 45.5 68.3



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: 72.458 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.02 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

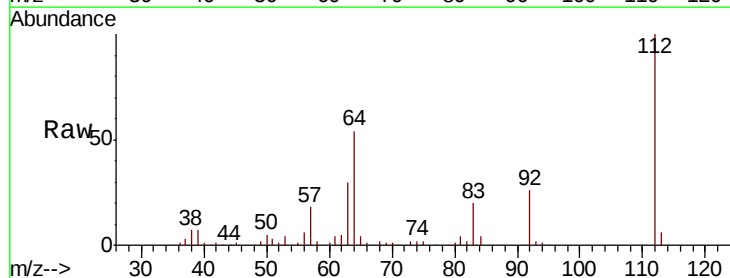
Tgt Ion:112 Resp: 193600

Ion Ratio Lower Upper

112 100

64 53.7 45.7 68.5

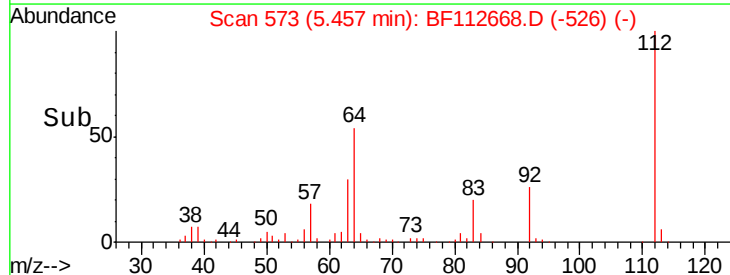
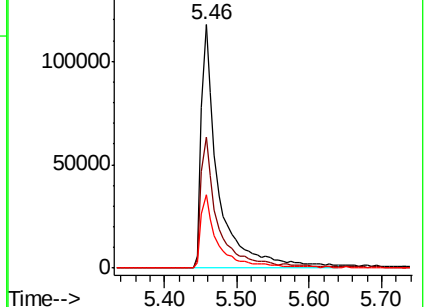
63 30.3 23.6 35.4

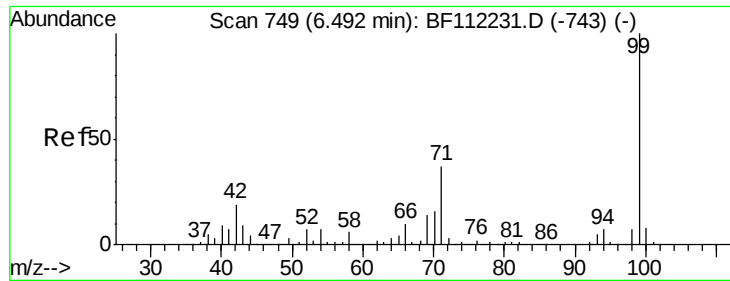


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 69.603 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL

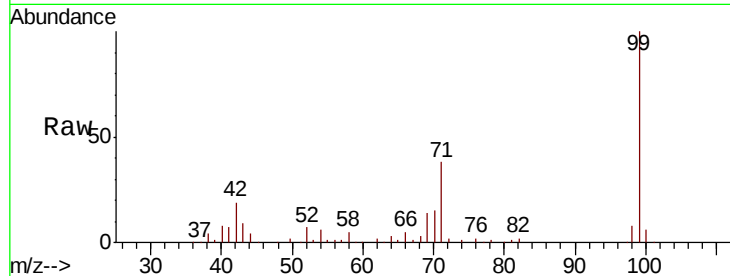
Tgt Ion: 99 Resp: 258417

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

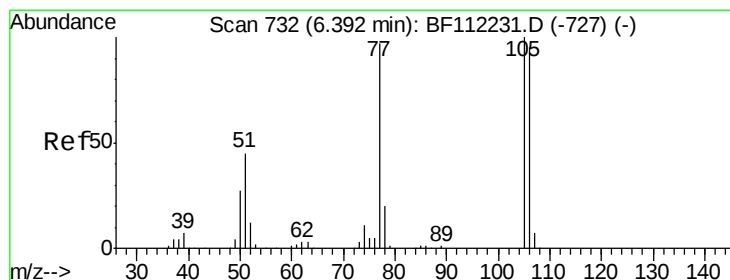
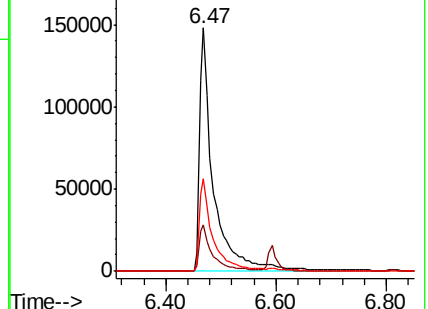
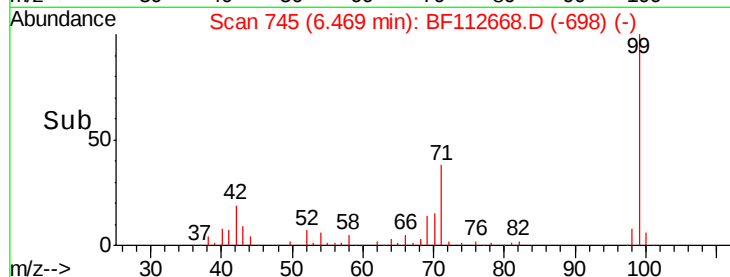
71 37.8 26.9 40.3



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



#9

Benzaldehyde

Concen: 2.579 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.20 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

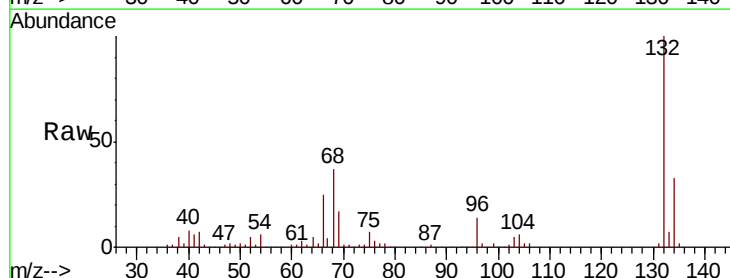
Tgt Ion: 77 Resp: 5004

Ion Ratio Lower Upper

77 100

105 88.5 80.8 120.8

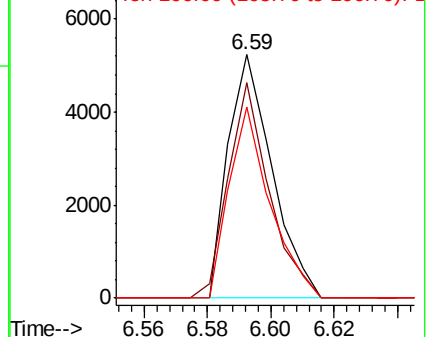
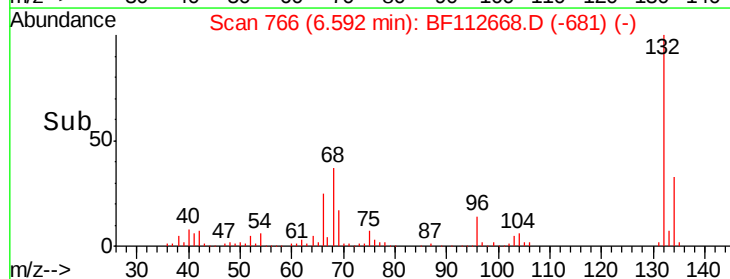
106 78.3 75.7 115.7

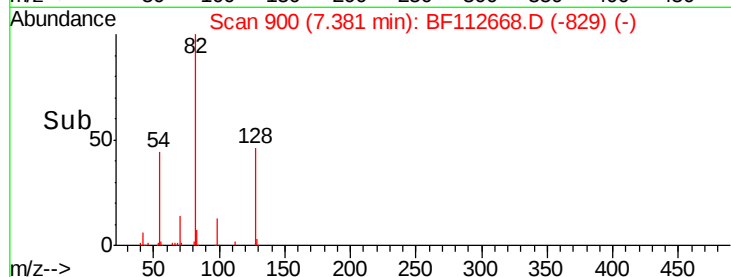
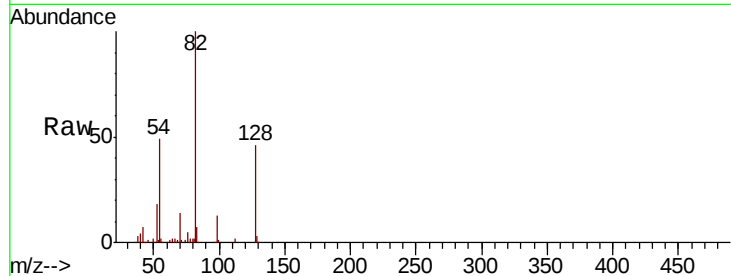
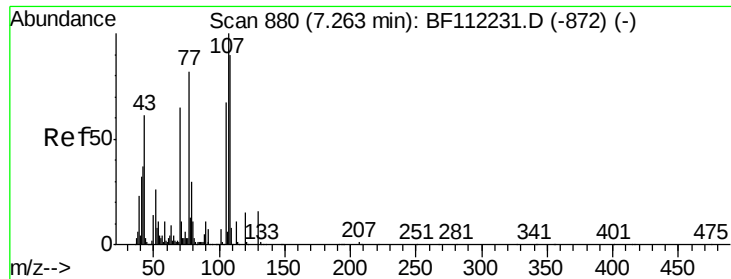


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

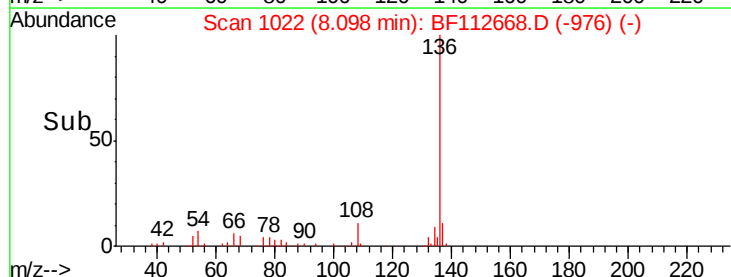
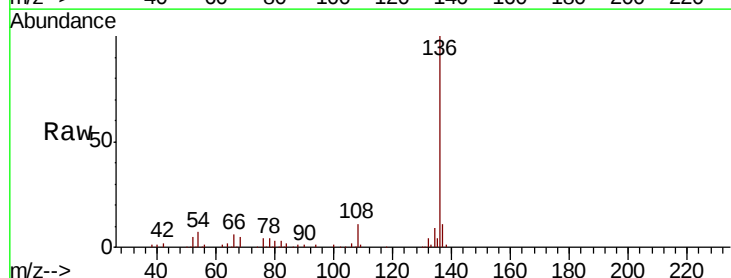
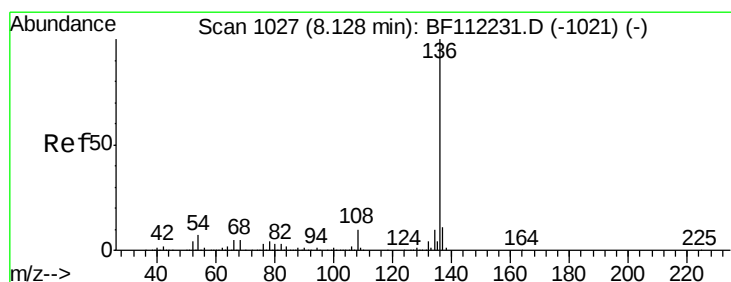
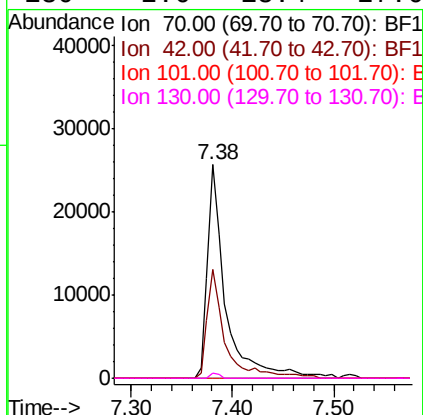




#19
n-Nitroso-di-n-propylamine
Concen: 12.485 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

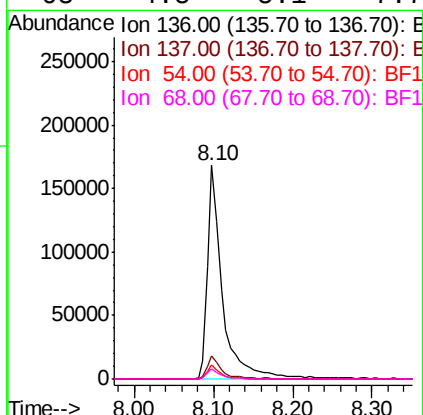
Instrument :
BNA_F
ClientSampleId :
PB117296BL

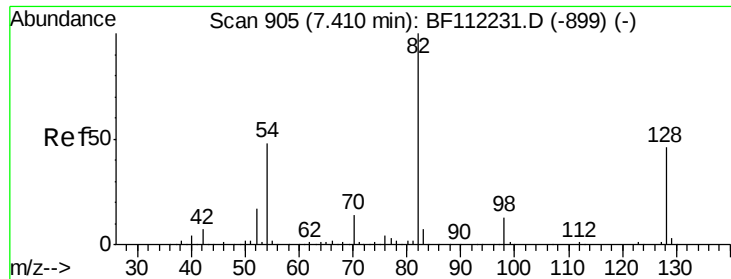
Tgt Ion:	70	Resp:	31964
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.6	71.4
101	0.0	7.9	11.9#
130	2.6	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:	136	Resp:	222991
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.5	5.9	8.9
68	4.5	5.1	7.7#

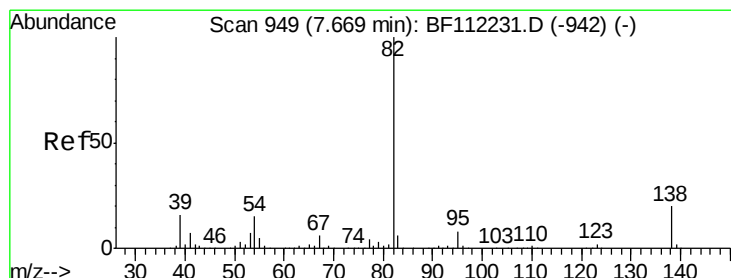
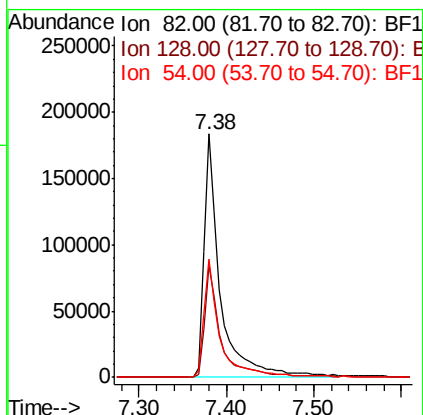
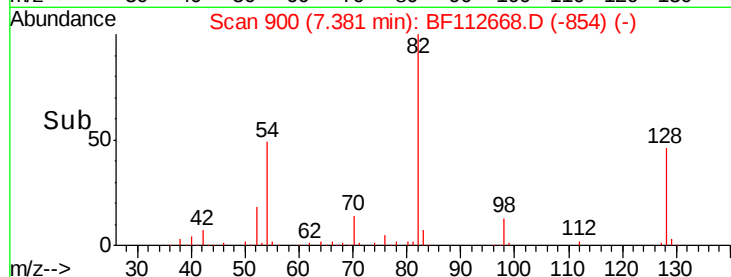
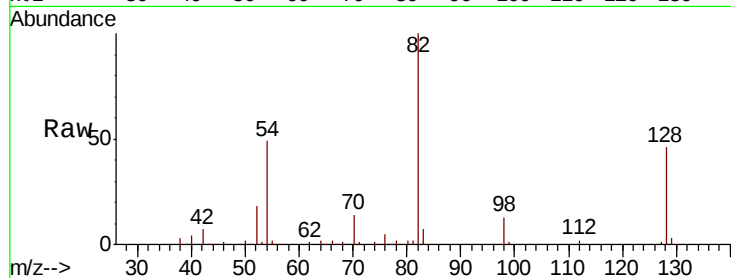




#23
 Nitrobenzene-d5
 Concen: 61.326 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112668.D
 Acq: 22 Feb 2019 17:02

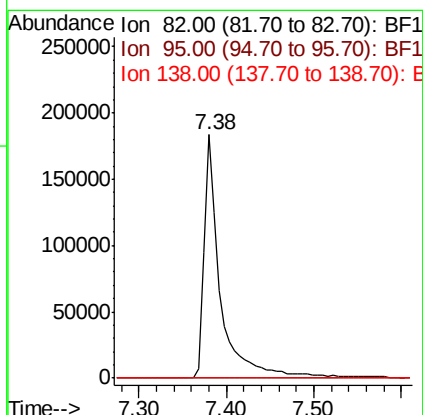
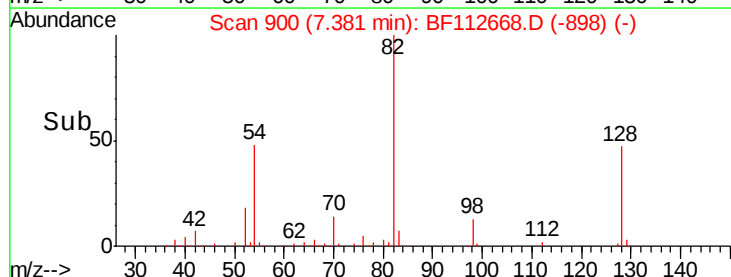
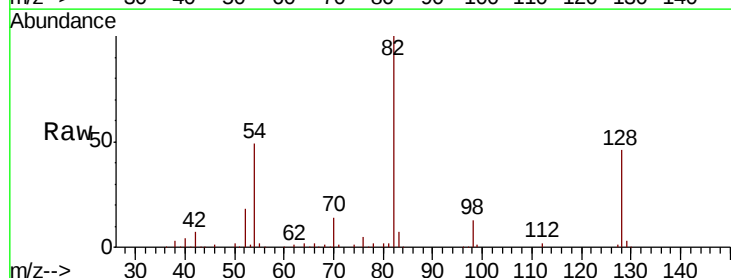
Instrument :
 BNA_F
 ClientSampleID :
 PB117296BL

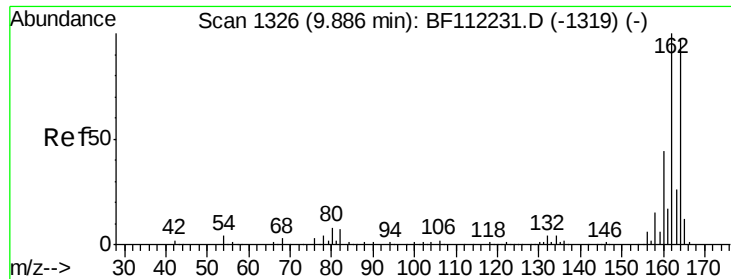
Tgt Ion: 82 Resp: 237333
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.8 56.8
 54 48.8 39.7 59.5



#25
 Isophorone
 Concen: 39.091 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.29 min
 Lab File: BF112668.D
 Acq: 22 Feb 2019 17:02

Tgt Ion: 82 Resp: 237333
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 15.4 23.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL

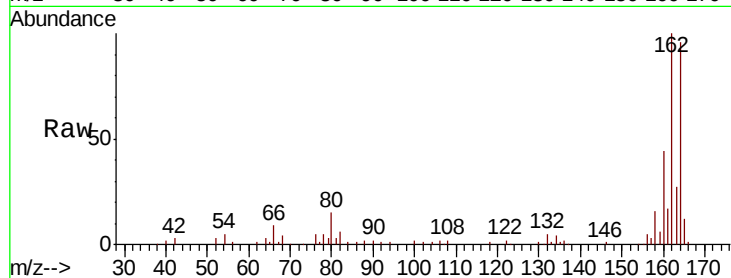
Tgt Ion:164 Resp: 110191

Ion Ratio Lower Upper

164 100

162 104.6 82.2 123.4

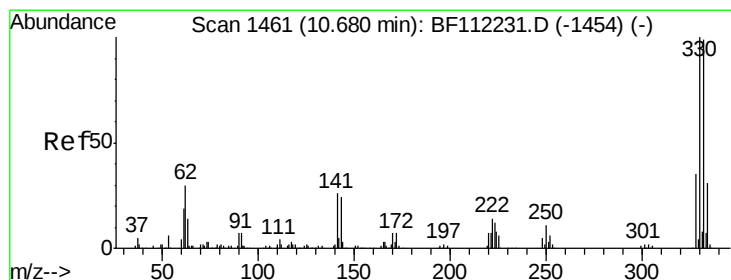
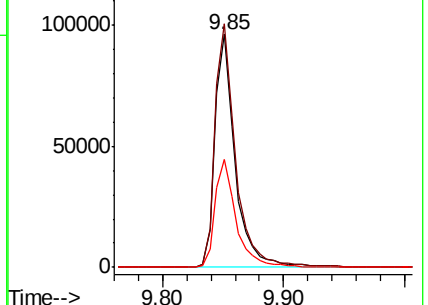
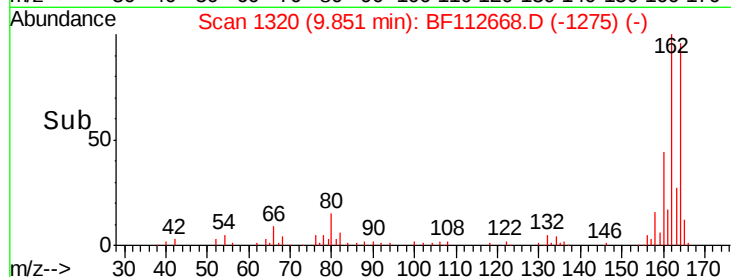
160 46.2 36.2 54.4



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: 56.733 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

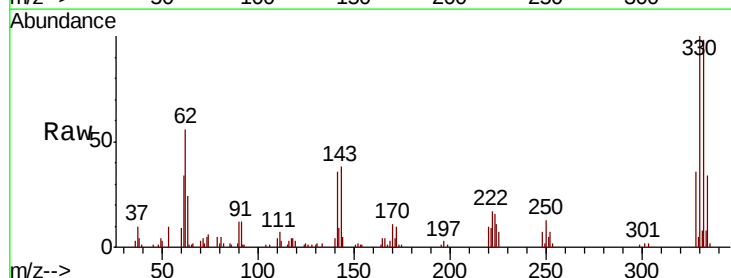
Tgt Ion:330 Resp: 72765

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

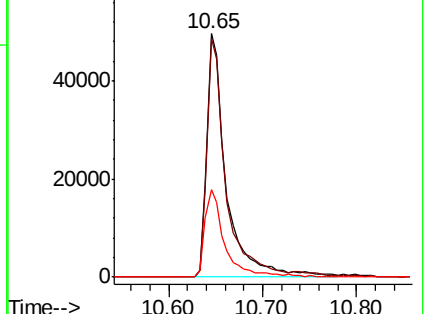
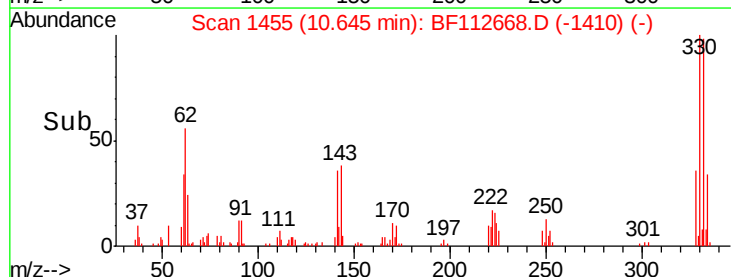
141 35.4 24.3 36.5

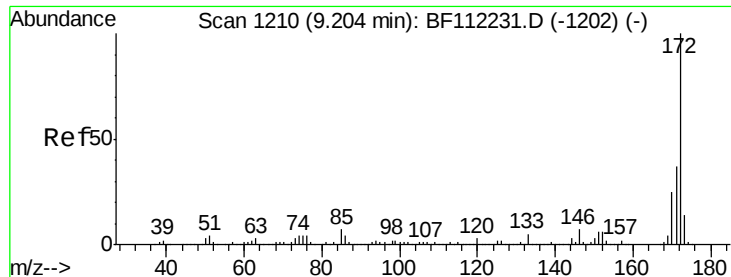


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

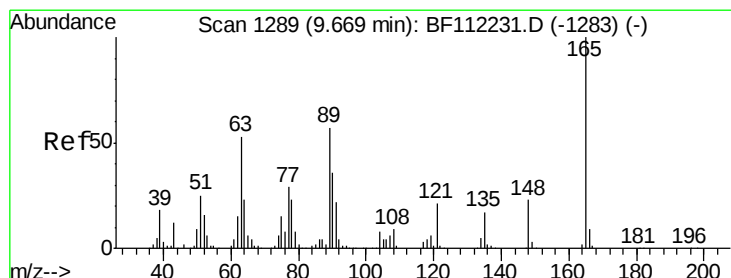
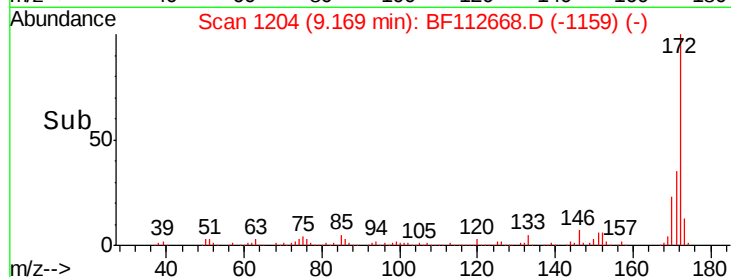
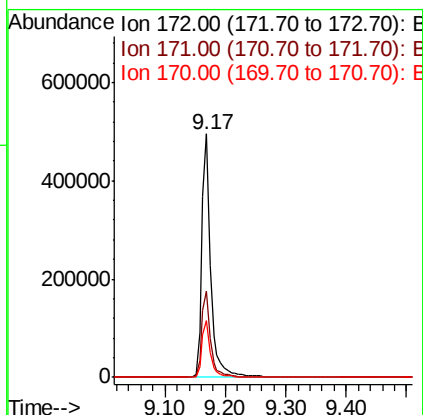
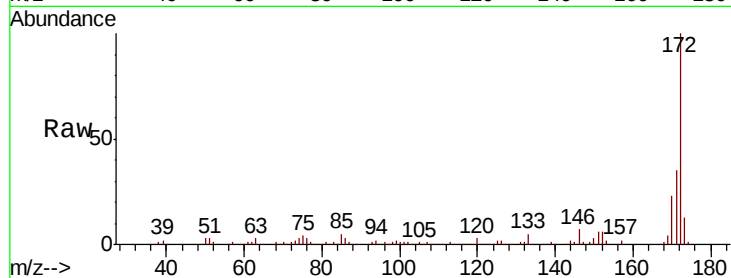




#45
 2-Fluorobiphenyl
 Concen: 65.552 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112668.D
 Acq: 22 Feb 2019 17:02

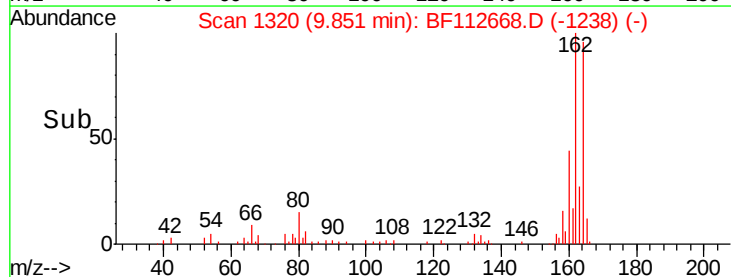
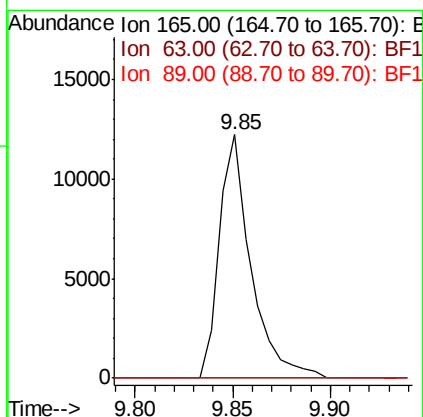
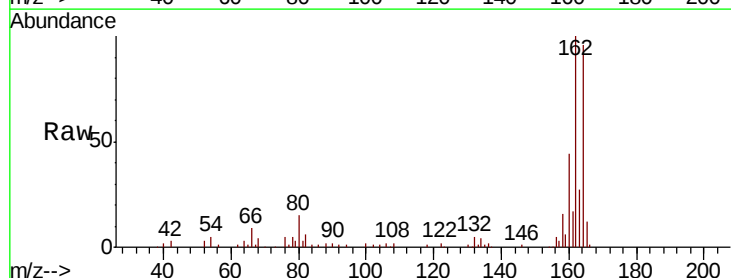
Instrument :
 BNA_F
 ClientSampleId :
 PB117296BL

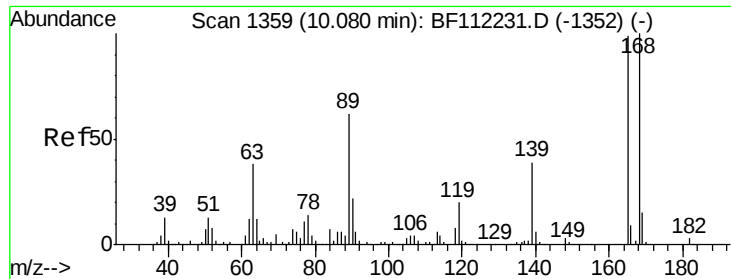
Tgt Ion:172 Resp: 510712
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.5 45.7
 170 23.3 20.2 30.4



#51
 2,6-Dinitrotoluene
 Concen: 7.154 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.18 min
 Lab File: BF112668.D
 Acq: 22 Feb 2019 17:02

Tgt Ion:165 Resp: 13718
 Ion Ratio Lower Upper
 165 100
 63 0.0 33.8 50.8#
 89 0.0 36.9 55.3#





#57

2,4-Dinitrotoluene

Concen: 5.620 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF112668.D

Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL

Tgt Ion:165 Resp: 13718

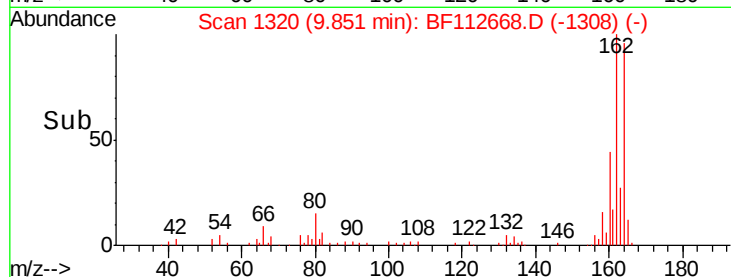
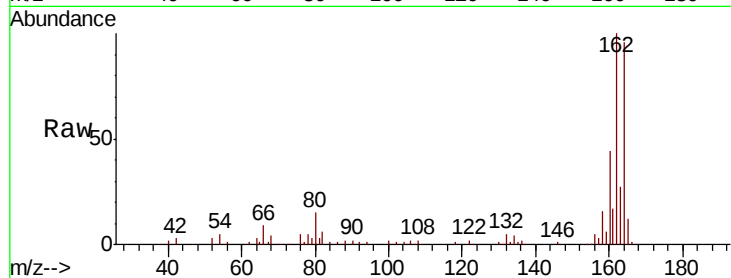
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

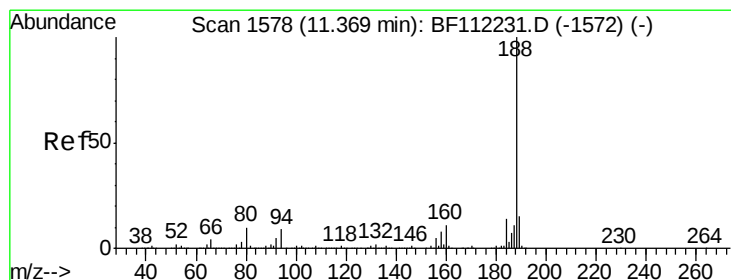
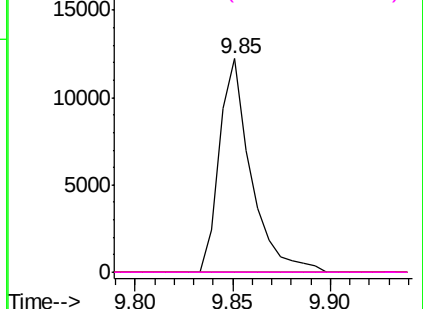


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF112668.D

Acq: 22 Feb 2019 17:02

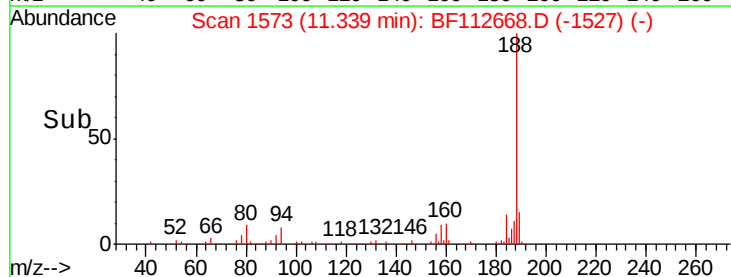
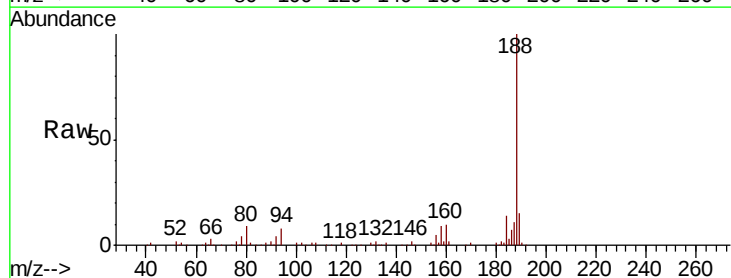
Tgt Ion:188 Resp: 229184

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

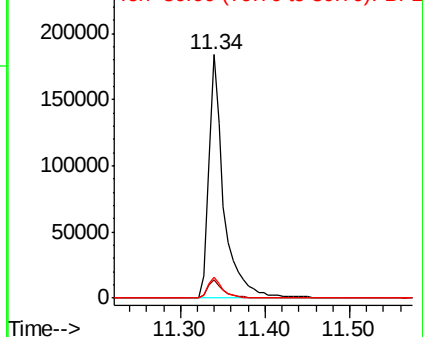
80 8.6 8.9 13.3#

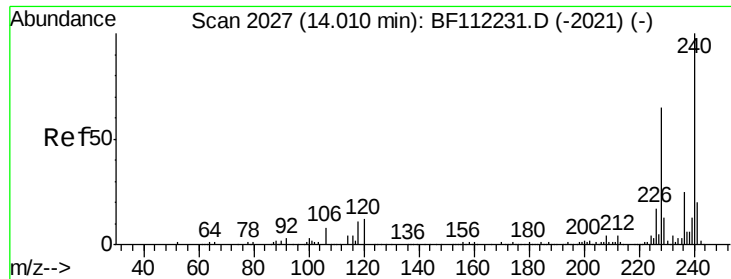


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

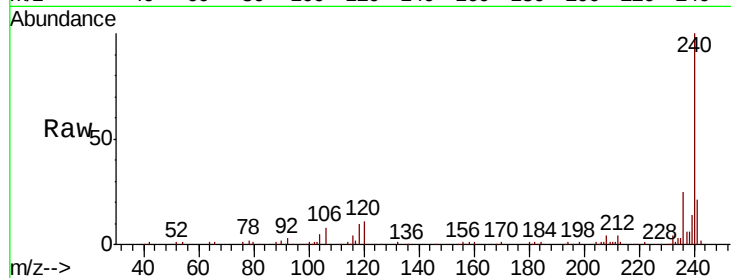




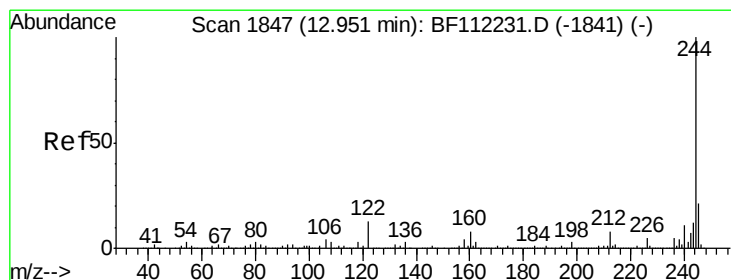
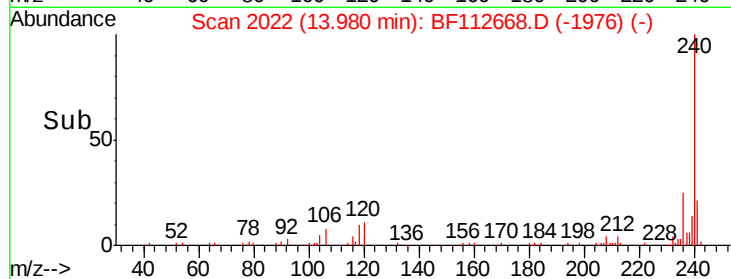
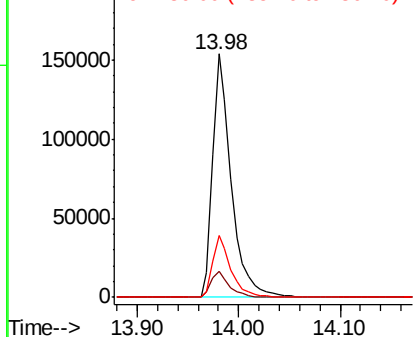
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Instrument :
BNA_F
ClientSampleId :
PB117296BL

Tgt Ion:240 Resp: 196071
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.6
236 25.4 20.7 31.1

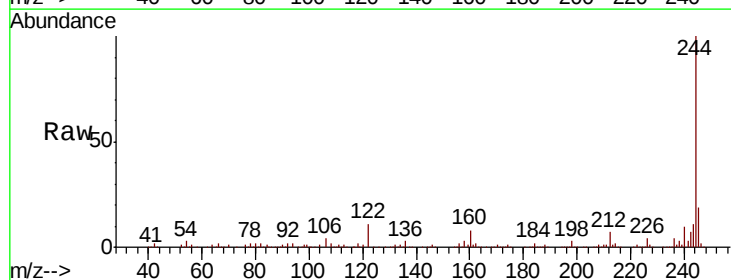


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

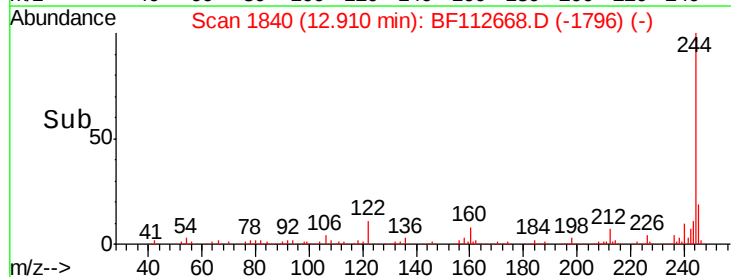
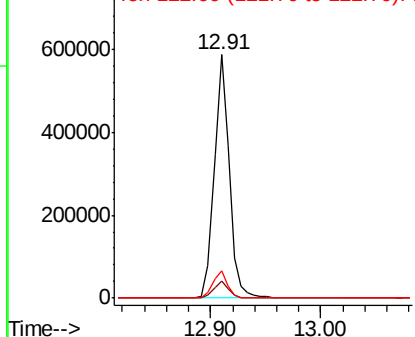


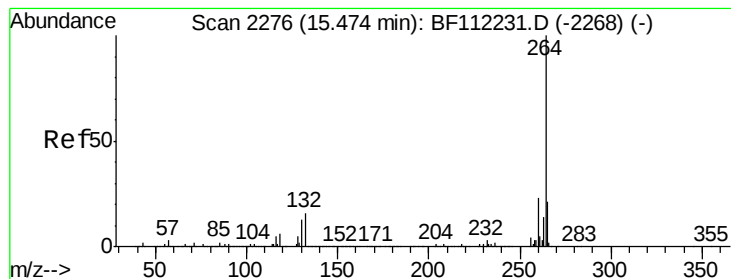
#79
Terphenyl-d14
Concen: 52.495 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF112668.D
Acq: 22 Feb 2019 17:02

Tgt Ion:244 Resp: 546486
Ion Ratio Lower Upper
244 100
212 6.8 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: BF112668.D

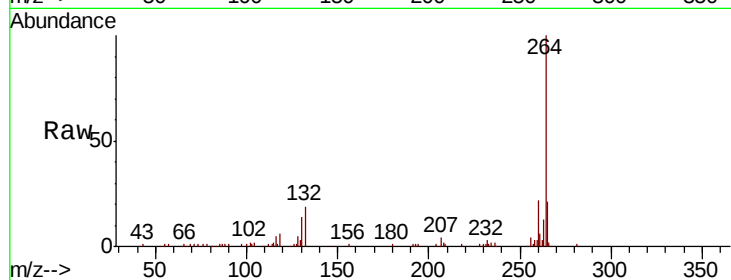
Acq: 22 Feb 2019 17:02

Instrument :

BNA_F

ClientSampleId :

PB117296BL



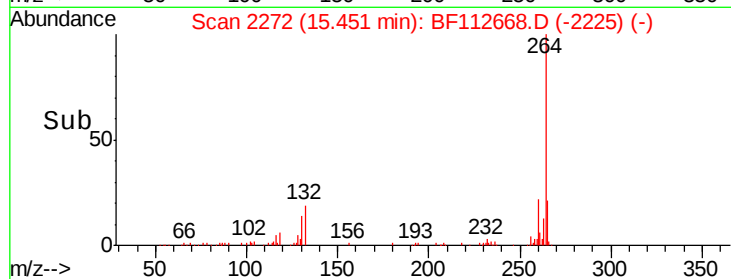
Tgt Ion: 264 Resp: 161714

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 20.5 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

