

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118922.D
 Acq On : 13 Feb 2020 16:20
 Operator : CG/JU
 Sample : L1385-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:35:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

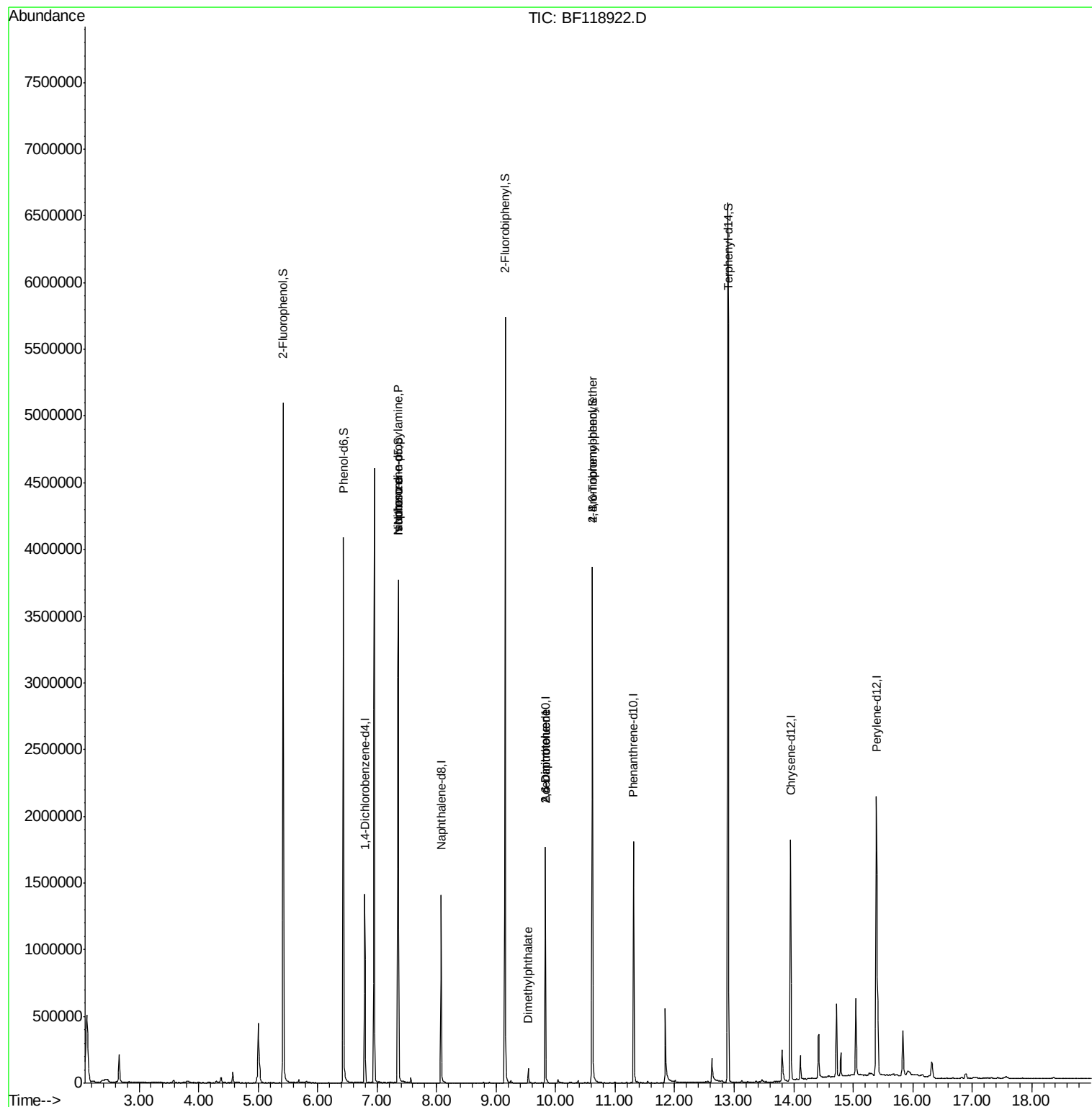
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	207924	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	629297	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	355097	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	692626	20.00	ng	-0.03
76) Chrysene-d12	13.95	240	694435	20.00	ng	-0.03
87) Perylene-d12	15.39	264	1007122	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1469151	133.75	ng	-0.01
7) Phenol-d6	6.43	99	1509451	110.70	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1292675	122.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	579980	136.50	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	1816545	91.45	ng	-0.03
79) Terphenyl-d14	12.90	244	2671375	79.02	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.43	77	2547	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	178091	21.347	ng	# 75
25) Isophorone	7.36	82	1292666	68.126	ng	# 63
50) Dimethylphthalate	9.55	163	55737	2.305	ng	97
51) 2,6-Dinitrotoluene	9.83	165	46274	8.364	ng	# 31
57) 2,4-Dinitrotoluene	9.83	165	46274	6.320	ng	# 34
67) 4-Bromophenyl-phenylether	10.62	248	37038	4.520	ng	# 1

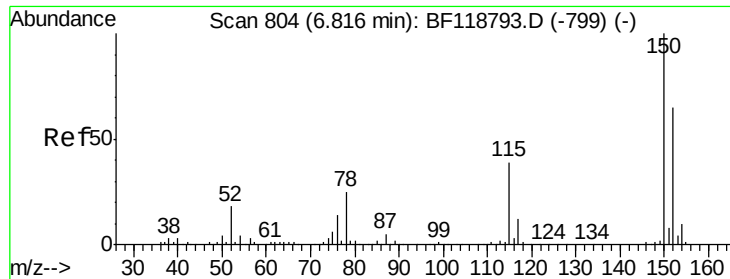
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_F
ClientSampleId :

Quant Time: Feb 14 00:35:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



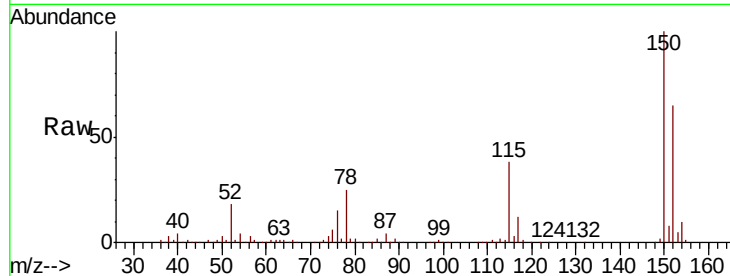


#1

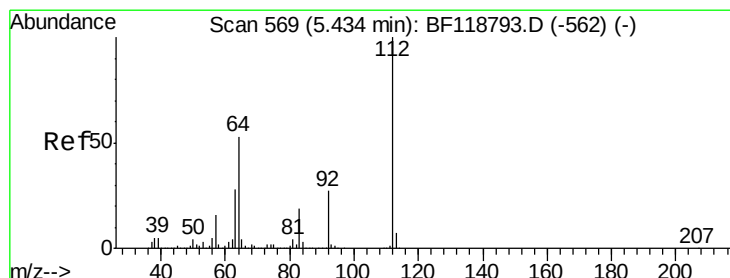
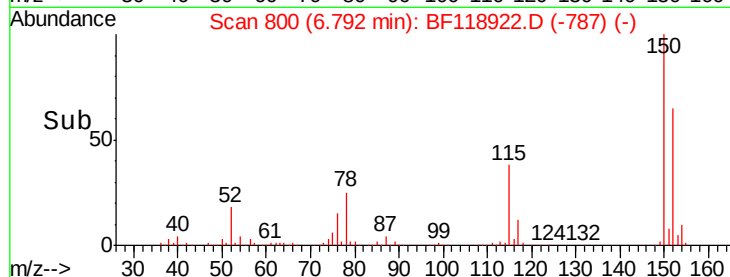
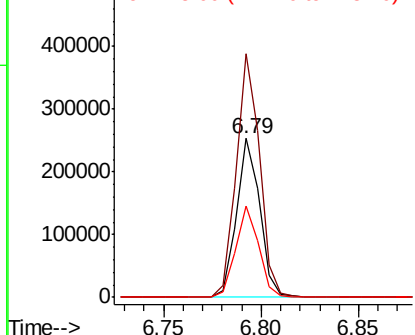
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118922.D
Acq: 13 Feb 2020 16:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 207924
Ion Ratio Lower Upper
152 100
150 153.5 123.6 185.4
115 58.0 48.2 72.2



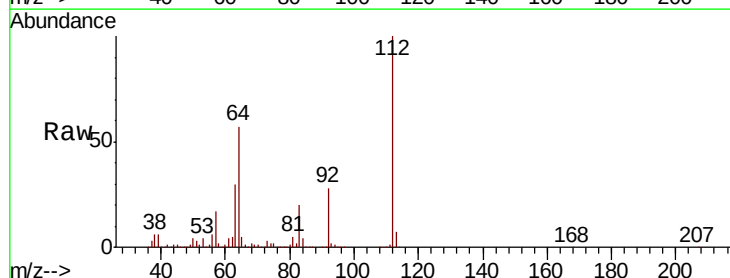
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



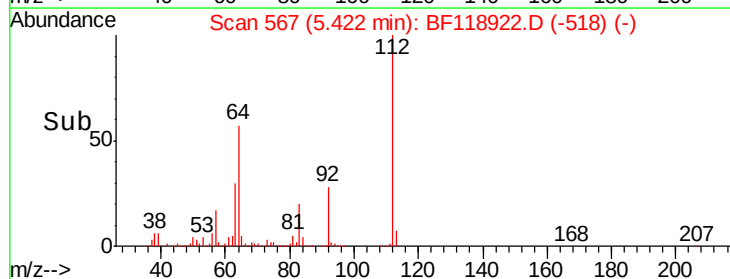
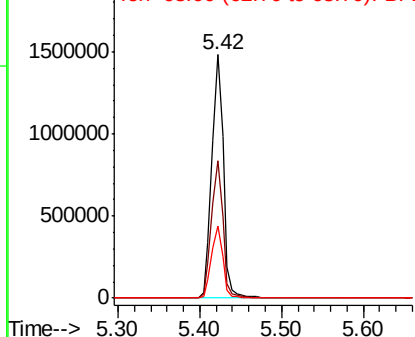
#5

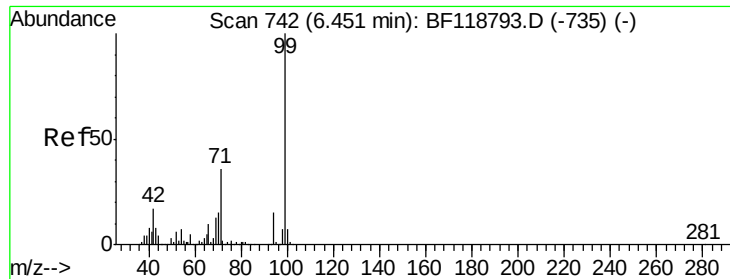
2-Fluorophenol
Concen: 133.751 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118922.D
Acq: 13 Feb 2020 16:20

Tgt Ion:112 Resp: 1469151
Ion Ratio Lower Upper
112 100
64 56.5 42.6 63.8
63 29.8 22.2 33.4



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: 110.701 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

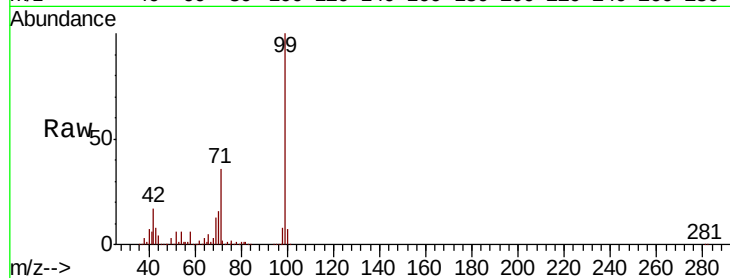
Tot Ion: 99 Resp: 1509451

Ion Ratio Lower Upper

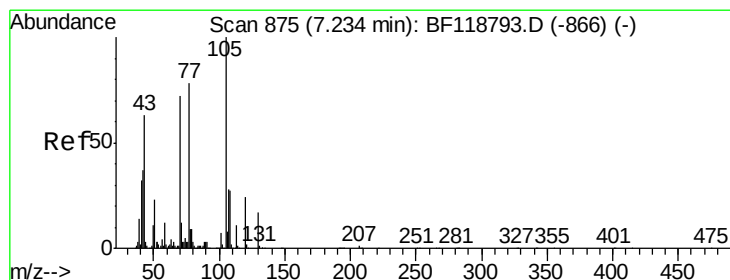
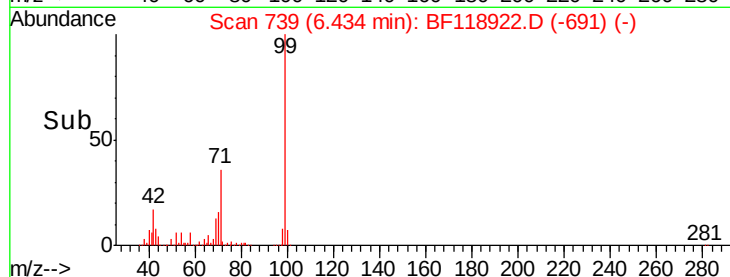
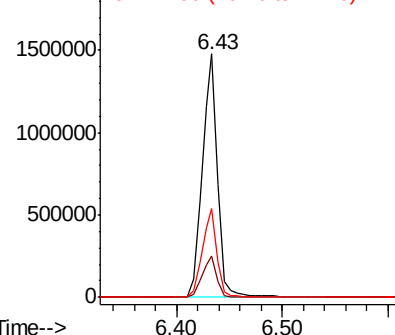
99 100

42 16.9 13.4 20.0

71 36.4 29.0 43.6



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: 21.347 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.12 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Tgt Ion: 70 Resp: 178091

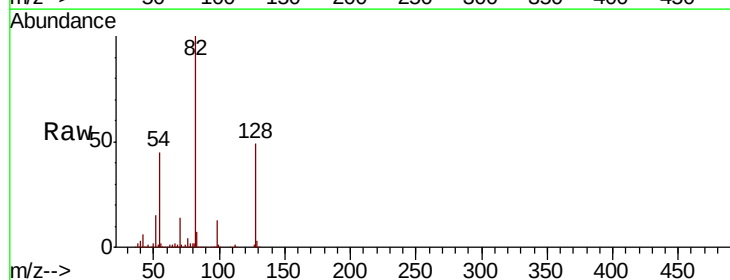
Ion Ratio Lower Upper

70 100

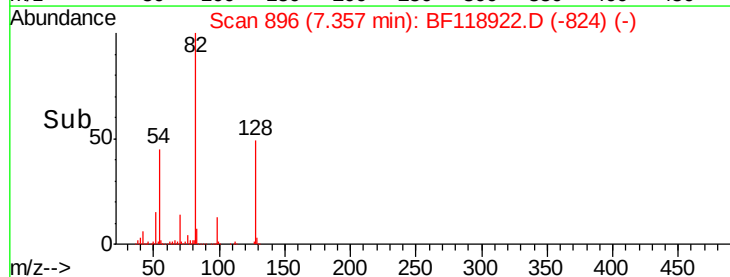
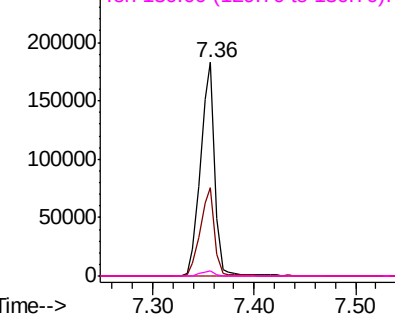
42 41.3 41.5 62.3#

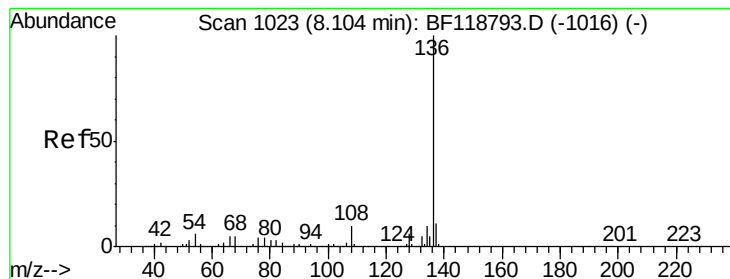
101 0.0 8.3 12.5#

130 2.2 19.2 28.8#



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: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 629297

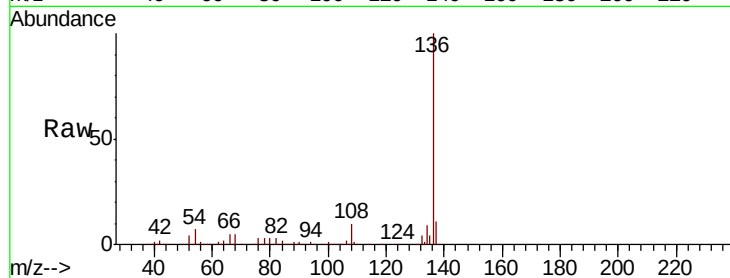
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.6 5.0 7.6

68 5.5 4.2 6.4

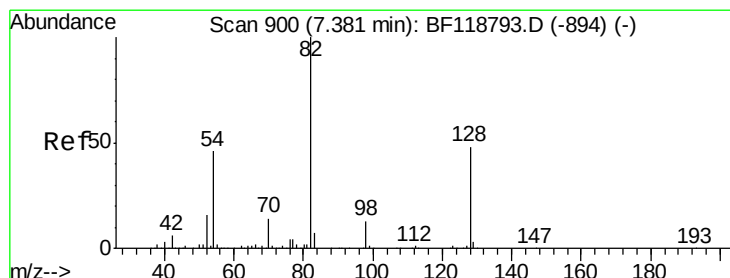
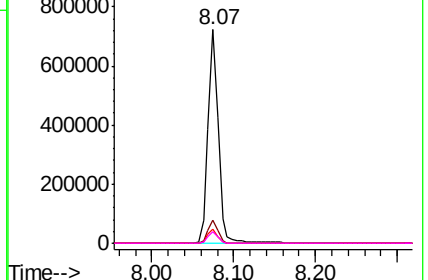
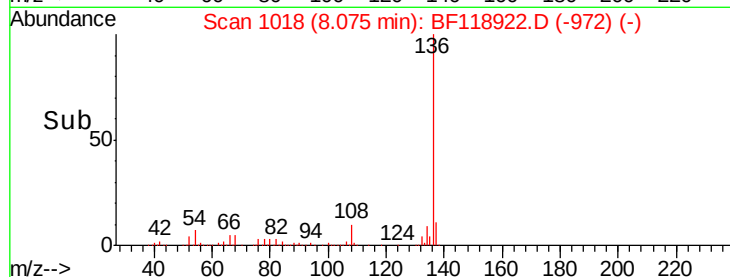


Abundance Ion 136.00 (135.70 to 136.70): E

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: 122.438 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

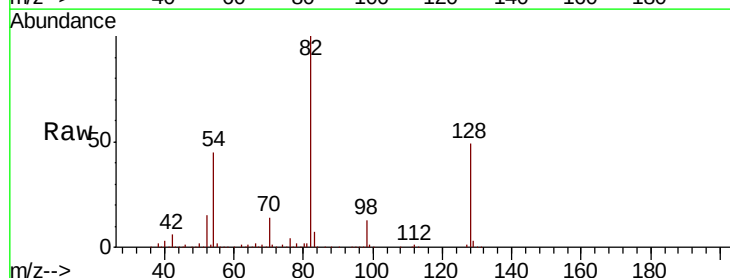
Tgt Ion: 82 Resp: 1292675

Ion Ratio Lower Upper

82 100

128 48.8 38.5 57.7

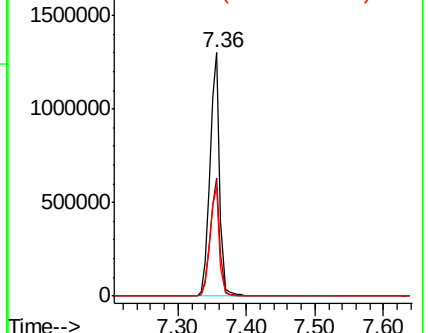
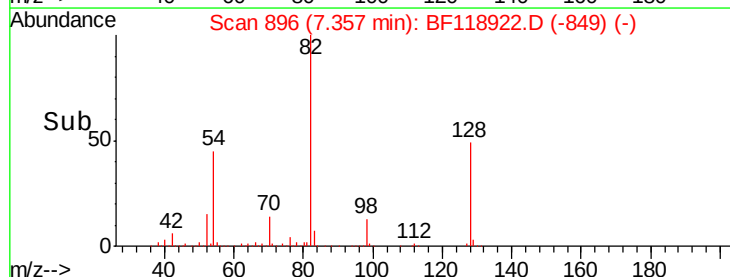
54 45.0 36.7 55.1

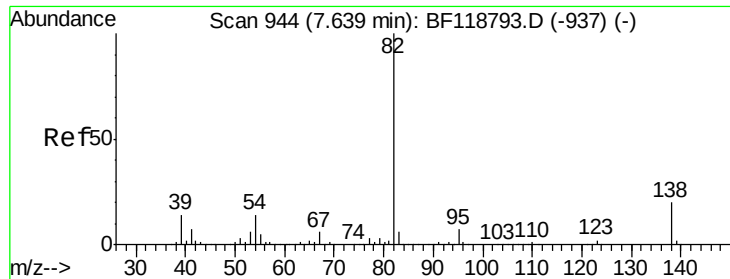


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 68.126 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

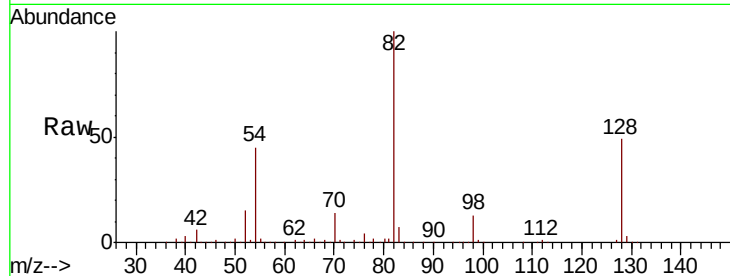
Tot Ion: 82 Resp: 1292666

Ion Ratio Lower Upper

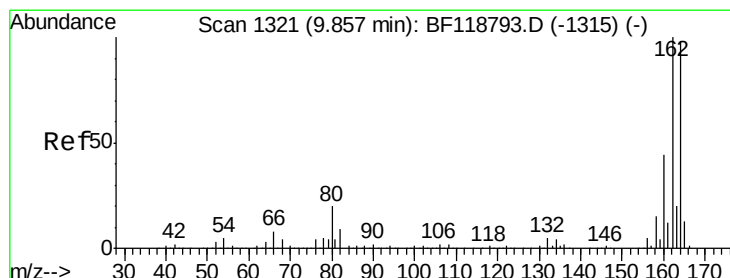
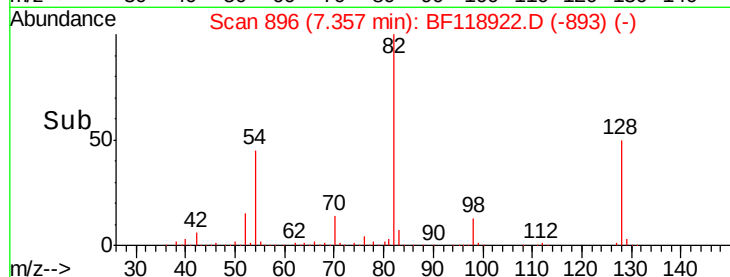
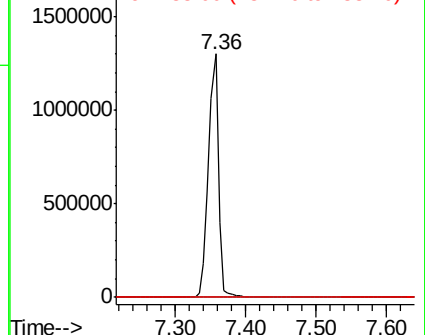
82 100

95 0.0 6.0 9.0#

138 0.0 15.7 23.5#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

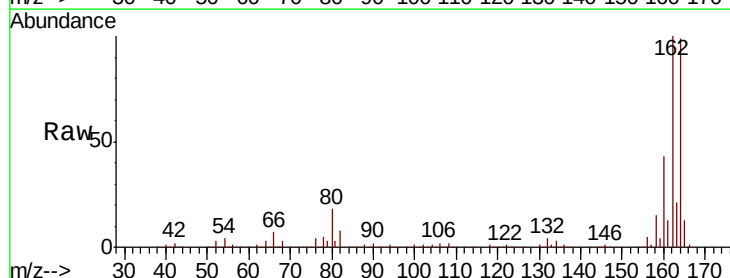
Tgt Ion: 164 Resp: 355097

Ion Ratio Lower Upper

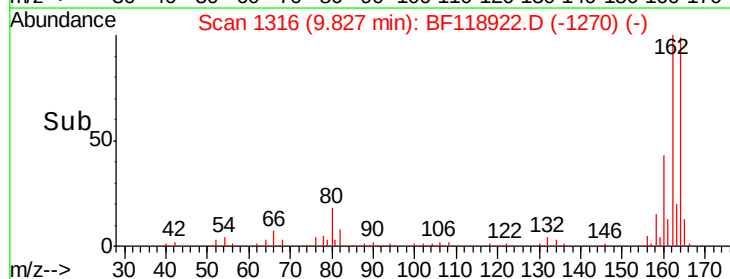
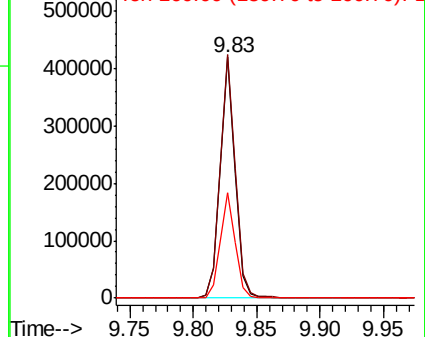
164 100

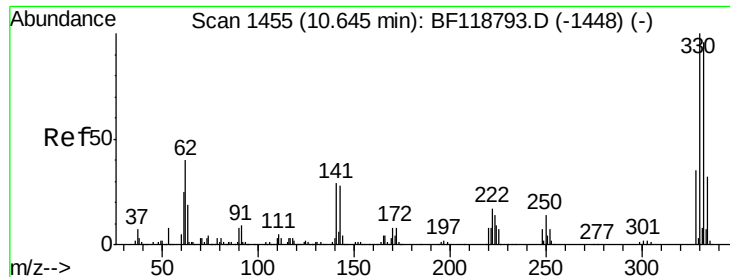
162 101.2 81.4 122.2

160 43.6 35.6 53.4



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

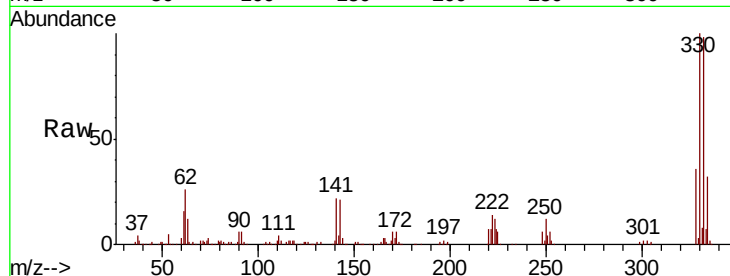




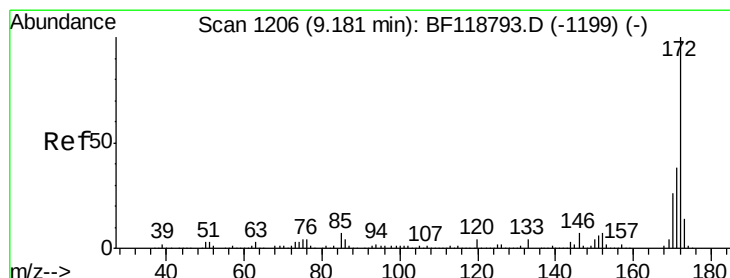
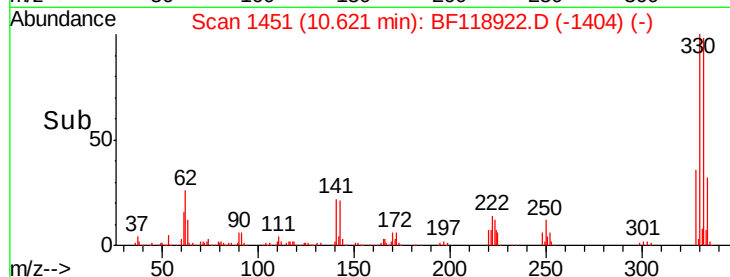
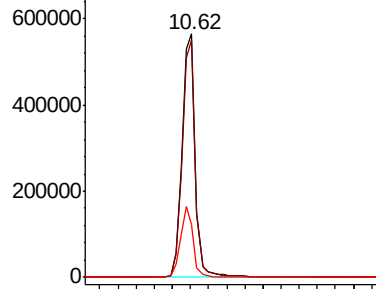
#42
 2,4,6-Tribromophenol
 Concen: 136.503 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF118922.D
 Acq: 13 Feb 2020 16:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	27.8	22.4	33.6

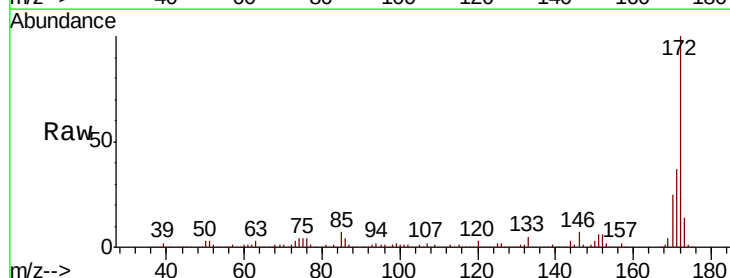


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

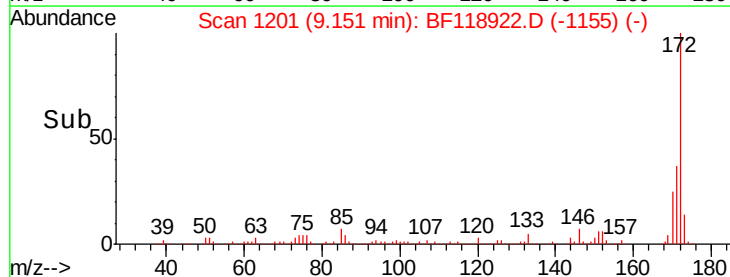
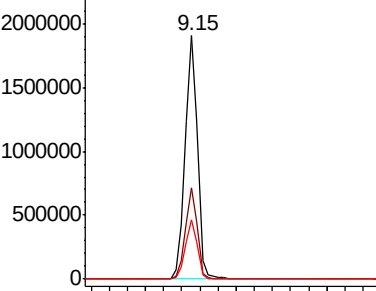


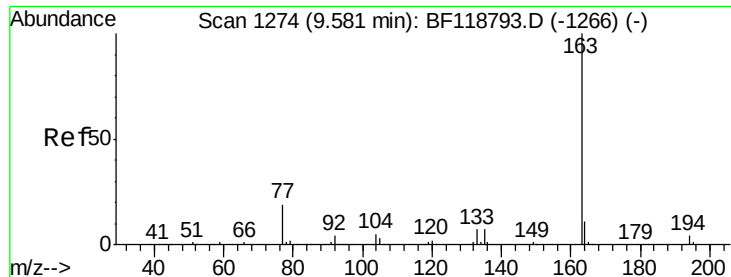
#45
 2-Fluorobiphenyl
 Concen: 91.452 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118922.D
 Acq: 13 Feb 2020 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.8	46.2
170	24.6	20.5	30.7



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: 2.305 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.04 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

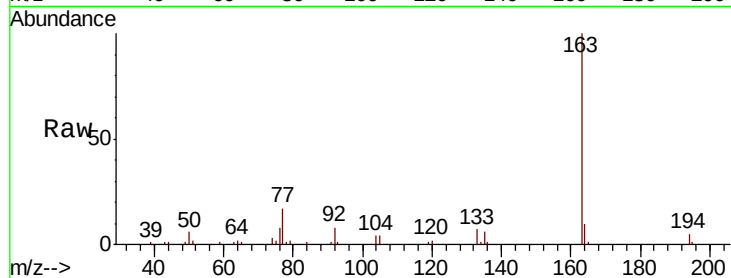
Tot Ion:163 Resp: 55737

Ion Ratio Lower Upper

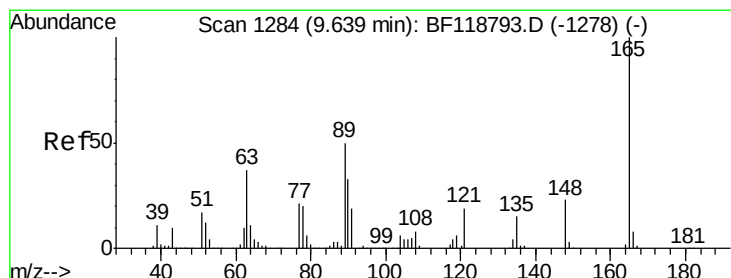
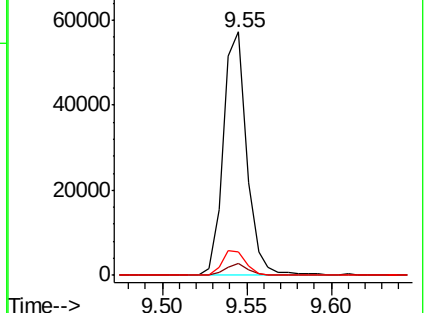
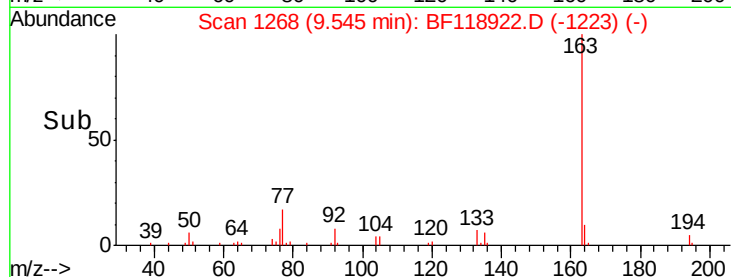
163 100

194 4.8 3.6 5.4

164 9.6 8.7 13.1



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: 8.364 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.19 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

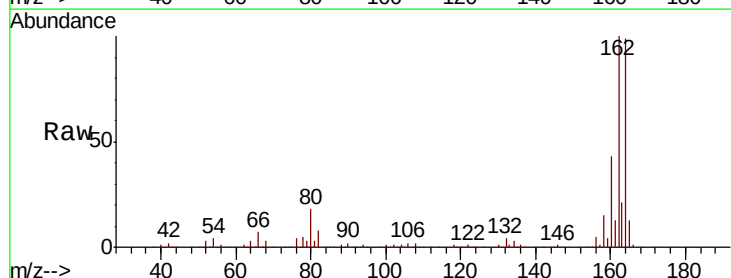
Tgt Ion:165 Resp: 46274

Ion Ratio Lower Upper

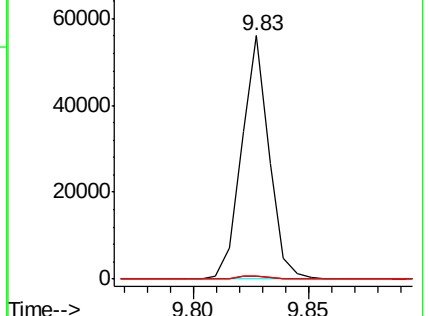
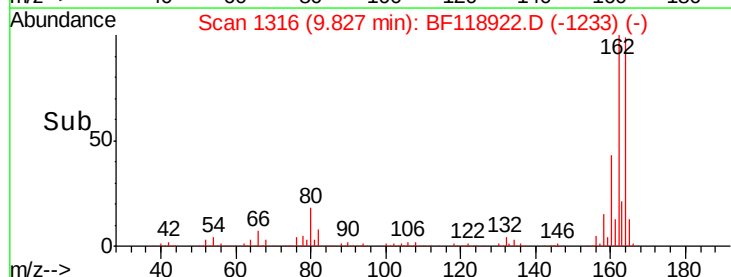
165 100

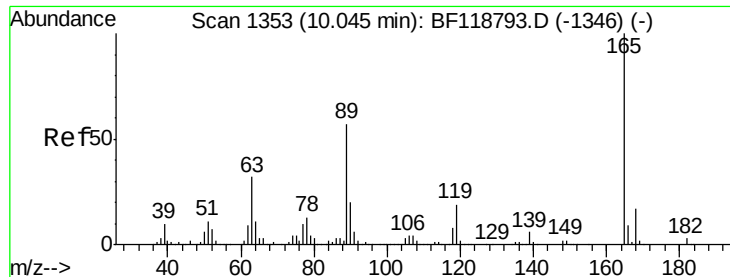
63 1.0 37.4 56.0#

89 1.4 39.7 59.5#



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: 6.320 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.22 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 46274

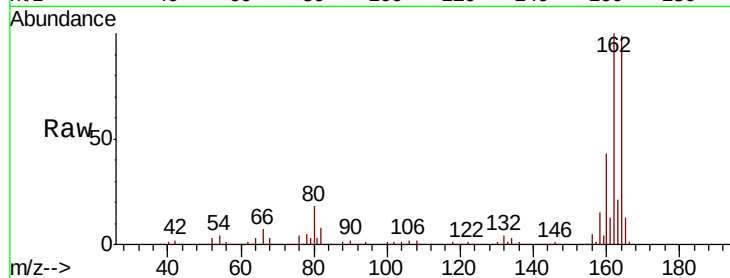
Ion Ratio Lower Upper

165 100

63 1.0 25.5 38.3#

89 1.4 45.4 68.0#

182 0.0 2.4 3.6#

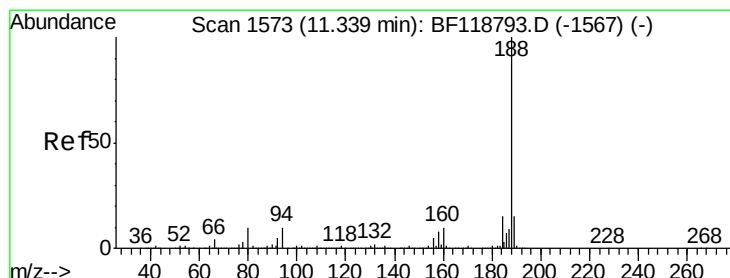
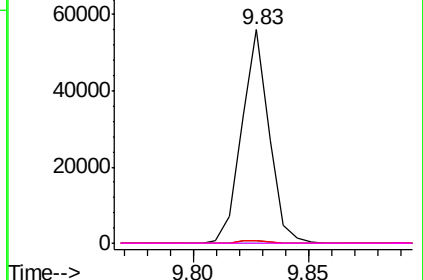
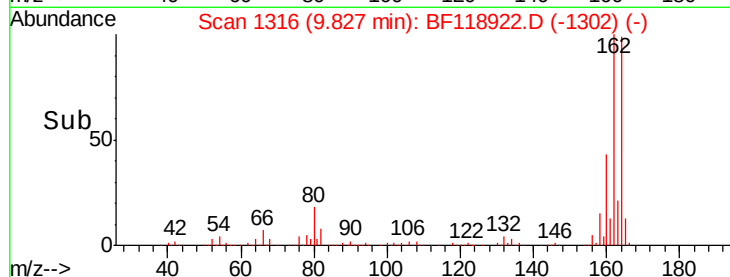


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.31 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

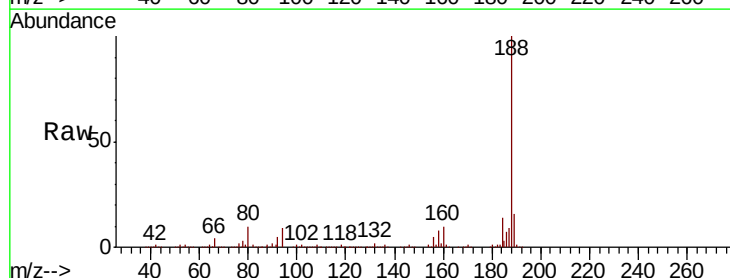
Tgt Ion:188 Resp: 692626

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

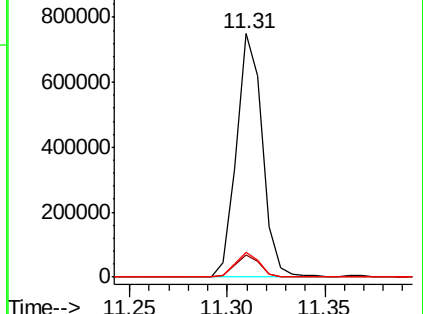
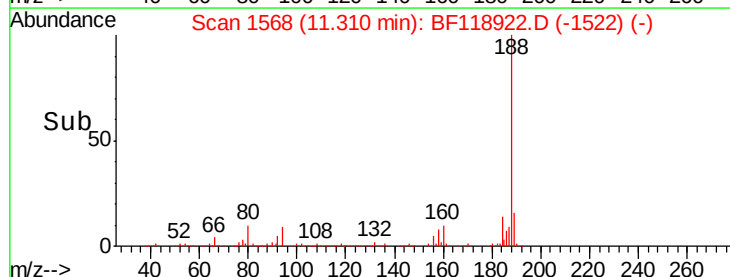
80 10.2 8.4 12.6

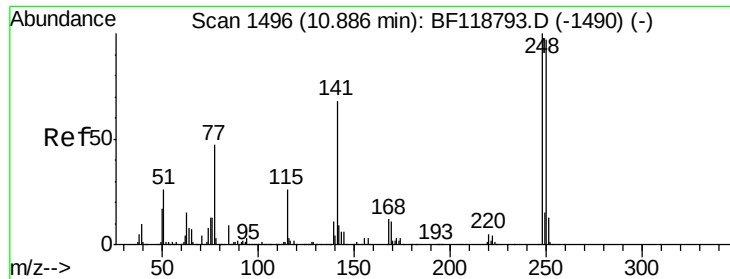


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

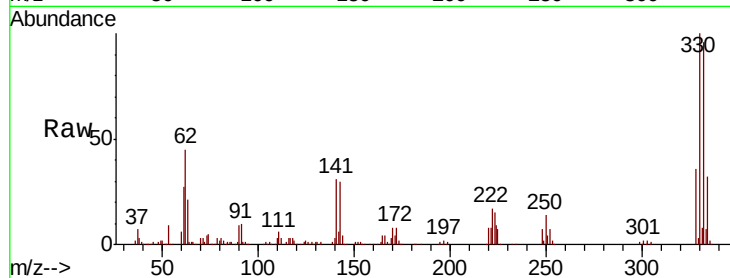




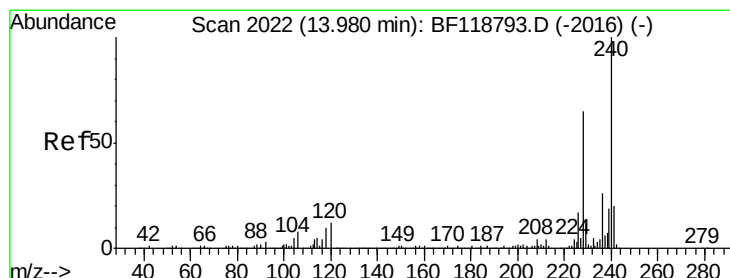
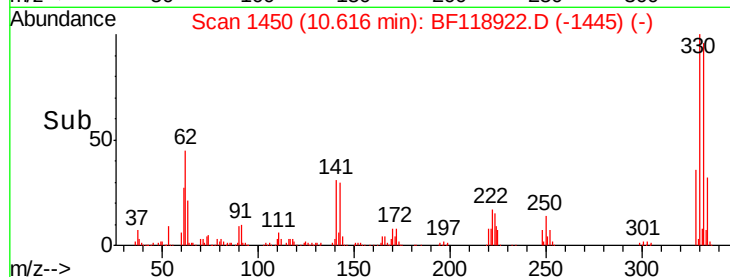
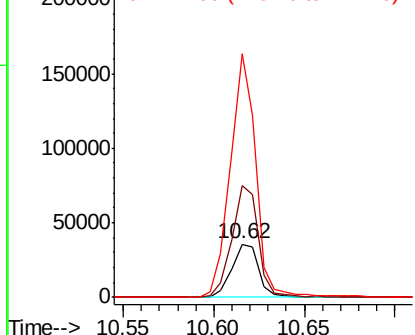
#67
4-Bromophenyl-phenylether
Concen: 4.520 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.27 min
Lab File: BF118922.D
Acq: 13 Feb 2020 16:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 37038
Ion Ratio Lower Upper
248 100
250 210.8 77.6 116.4#
141 459.5 54.4 81.6#

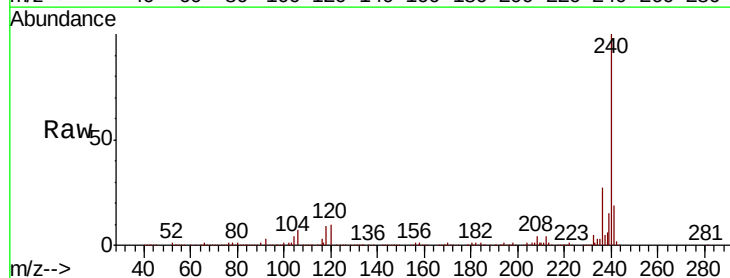


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

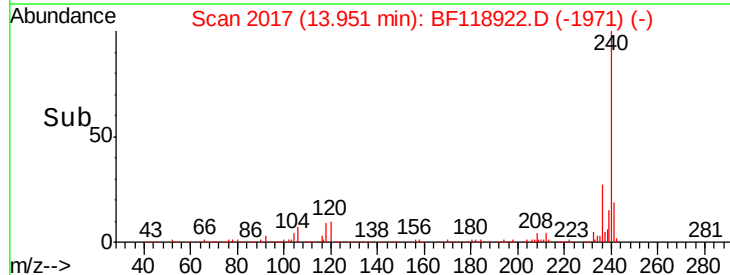
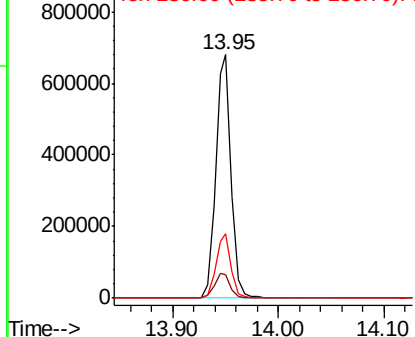


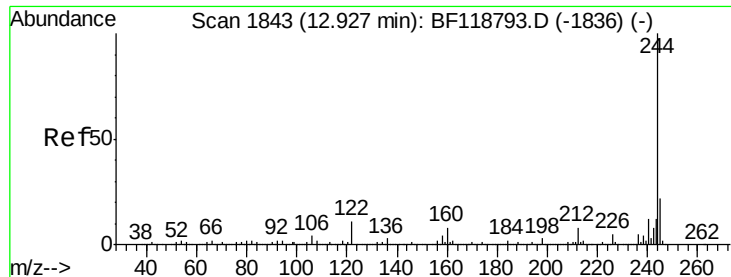
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BF118922.D
Acq: 13 Feb 2020 16:20

Tgt Ion:240 Resp: 694435
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.0
236 26.6 21.0 31.6



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: 79.016 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

Instrument :

BNA_F

ClientSampleId :

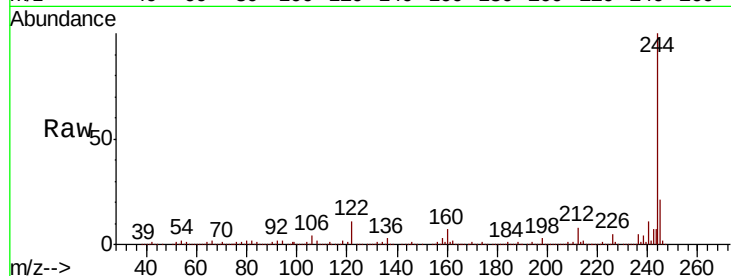
Tot Ion:244 Resp: 2671375

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

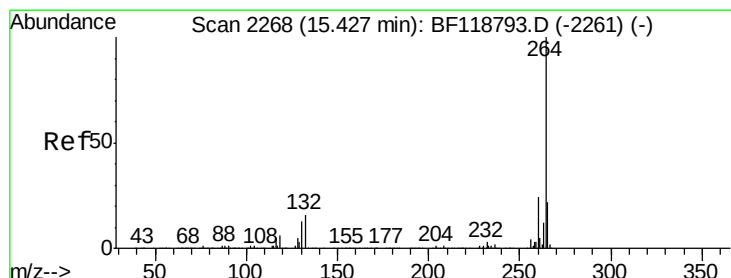
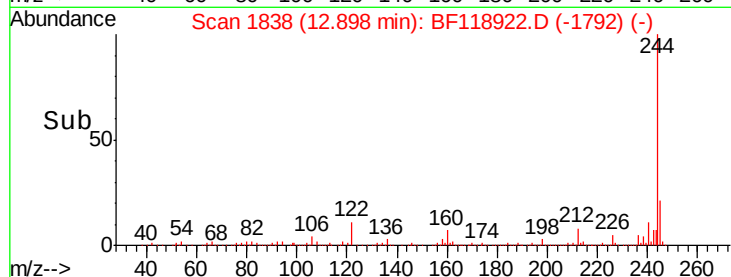
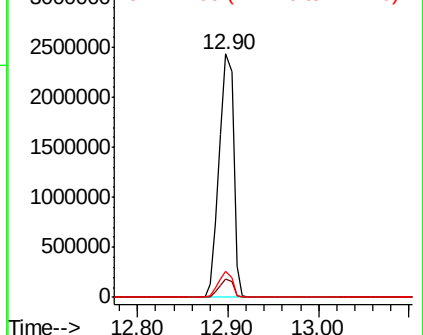
122 10.7 8.9 13.3



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: 15.39 min Scan# 2262

Delta R.T. -0.04 min

Lab File: BF118922.D

Acq: 13 Feb 2020 16:20

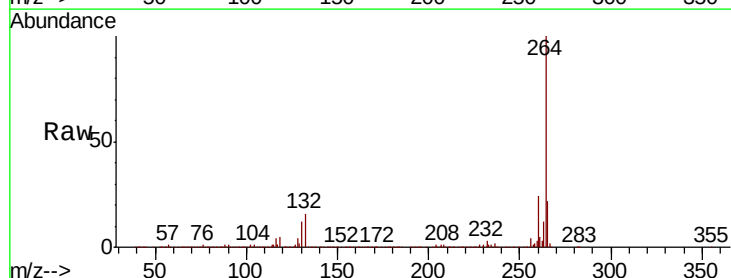
Tgt Ion:264 Resp: 1007122

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.6 17.2 25.8



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

