

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120290.D
 Acq On : 14 May 2020 15:04
 Operator : MA/SJ
 Sample : PB128891BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BL

Quant Time: May 14 16:38:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

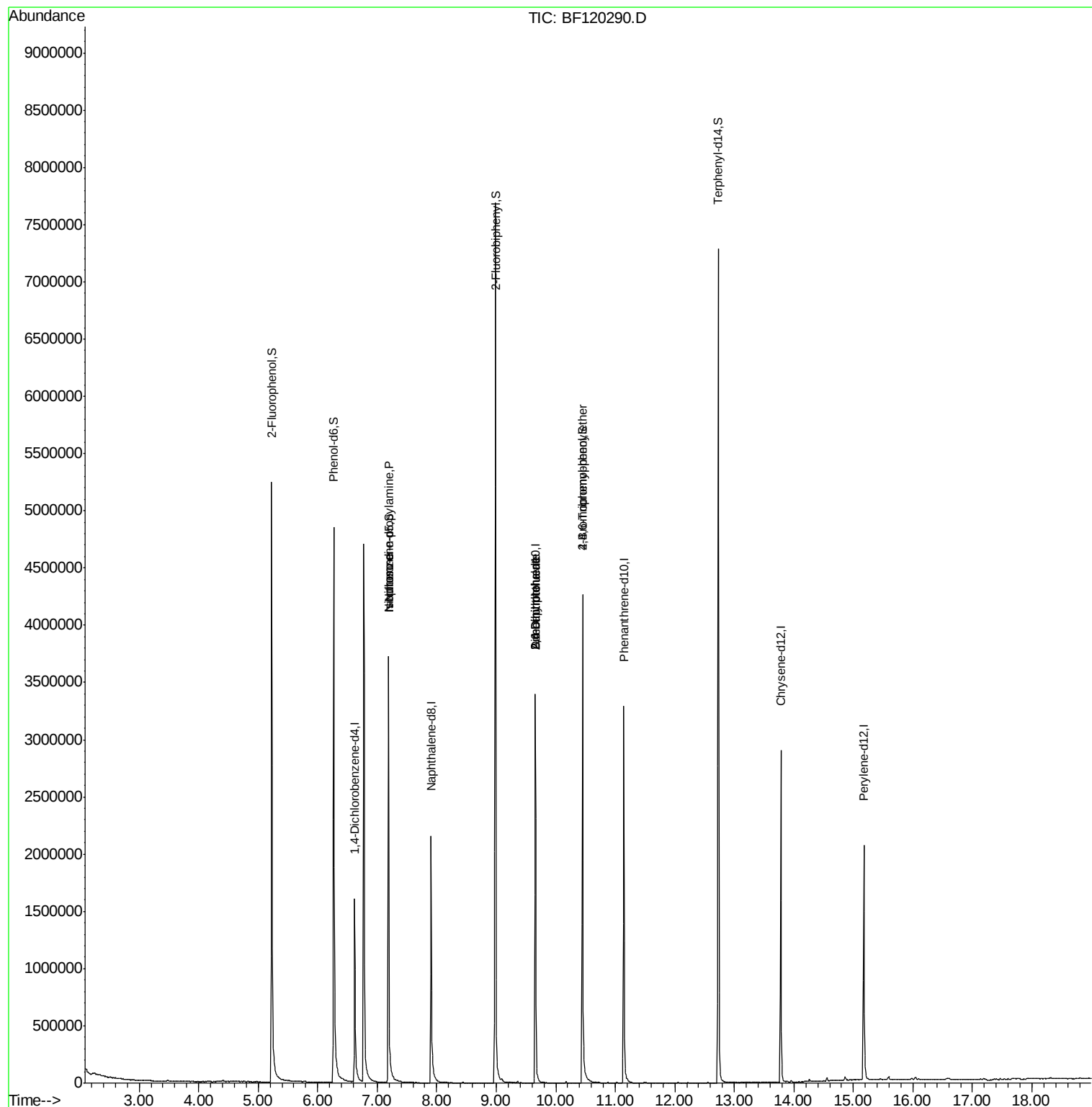
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	333697	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1332340	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	734516	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1554726	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1096738	20.00	ng	0.00
87) Perylene-d12	15.17	264	956383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1763709	102.84	ng	0.00
7) Phenol-d6	6.27	99	2279982	105.12	ng	0.00
23) Nitrobenzene-d5	7.19	82	1488592	76.50	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	609023	101.69	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2783913	77.87	ng	0.00
79) Terphenyl-d14	12.73	244	3071786	61.88	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	190124	13.381	ng	# 77
25) Isophorone	7.19	82	1488670	36.767	ng	# 65
50) Dimethylphthalate	9.66	163	151977	3.273	ng	# 1
51) 2,6-Dinitrotoluene	9.66	165	94599	9.128	ng	# 23
57) 2,4-Dinitrotoluene	9.66	165	94921	7.808	ng	# 16
67) 4-Bromophenyl-phenylether	10.45	248	36638	2.428	ng	# 1

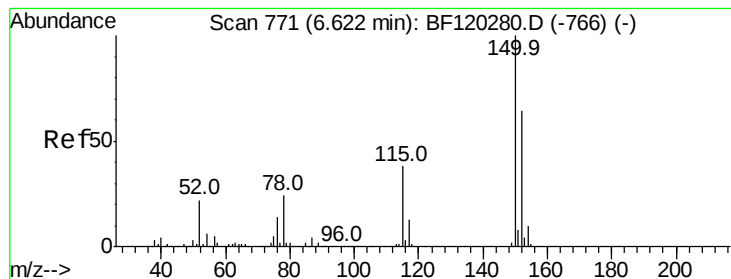
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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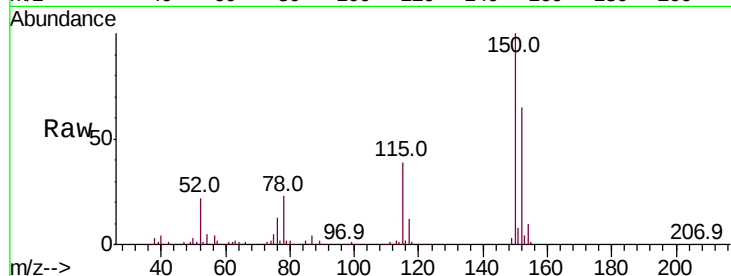


#1

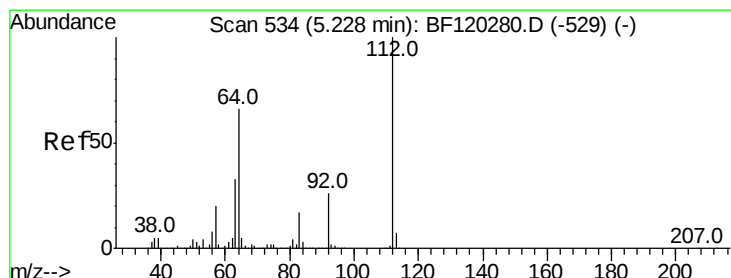
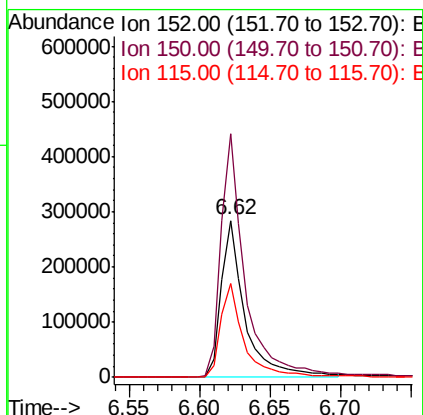
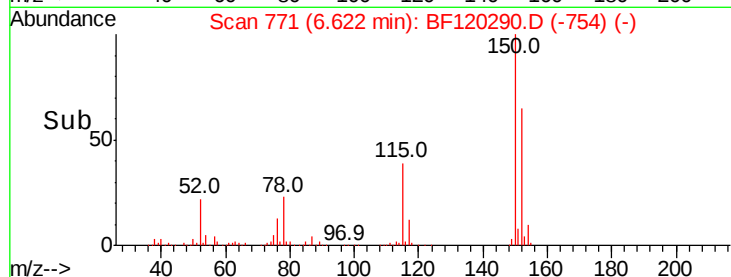
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

Instrument :
BNA_F
ClientSampleId :
PB128891BL

Tot Ion:152 Resp: 333697
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 60.1 47.9 71.9



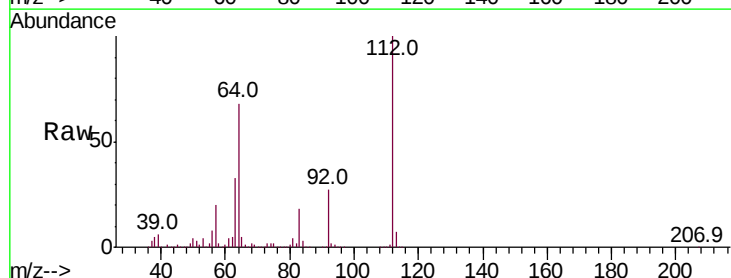
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



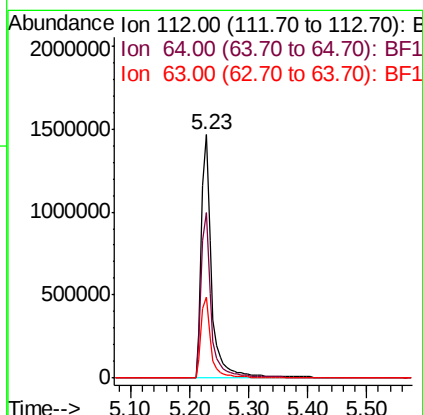
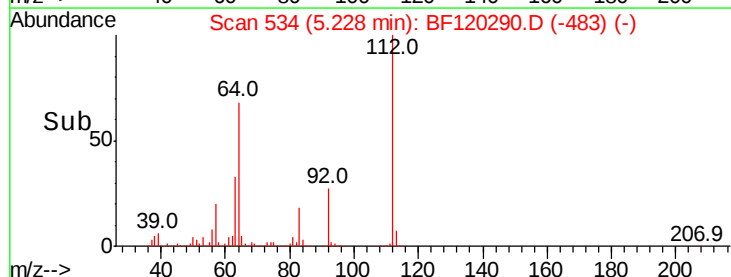
#5

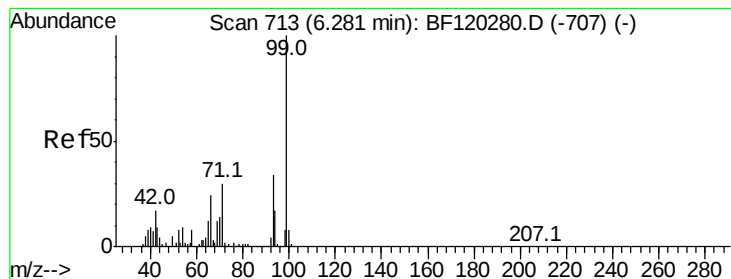
2-Fluorophenol
Concen: 102.837 ng
RT: 5.23 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF120290.D
Acq: 14 May 2020 15:04

Tgt Ion:112 Resp: 1763709
Ion Ratio Lower Upper
112 100
64 68.1 52.7 79.1
63 33.4 26.2 39.4



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: 105.125 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB128891BL

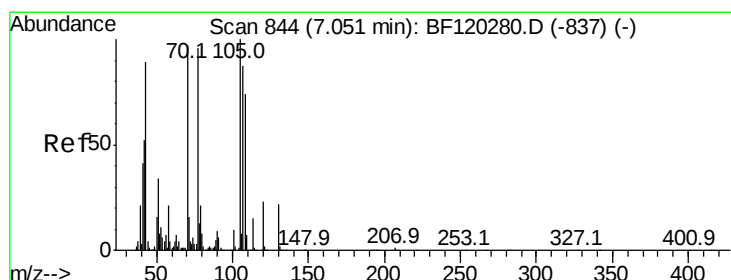
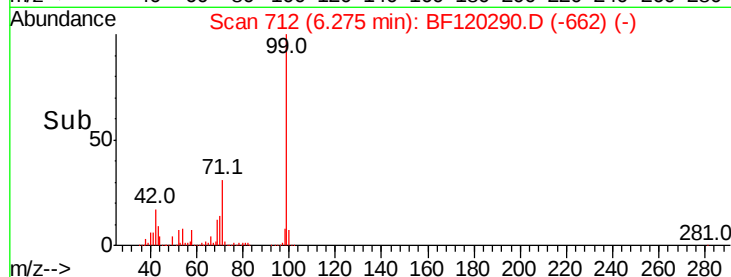
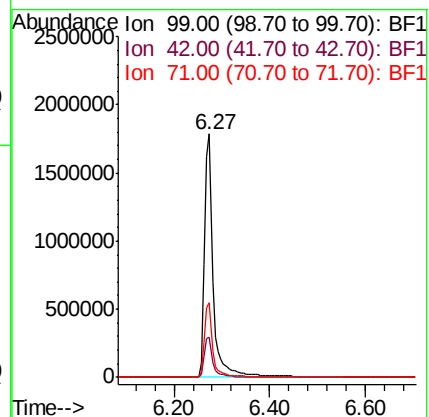
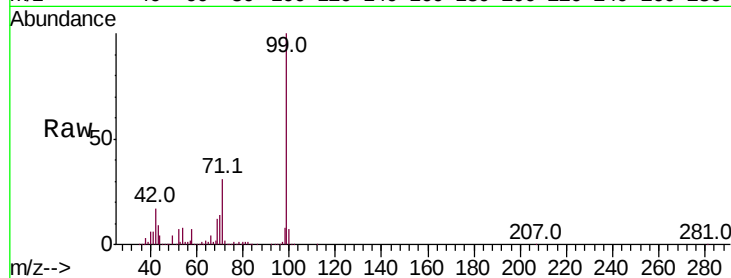
Tot Ion: 99 Resp: 2279982

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

71 30.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.381 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.14 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Tgt Ion: 70 Resp: 190124

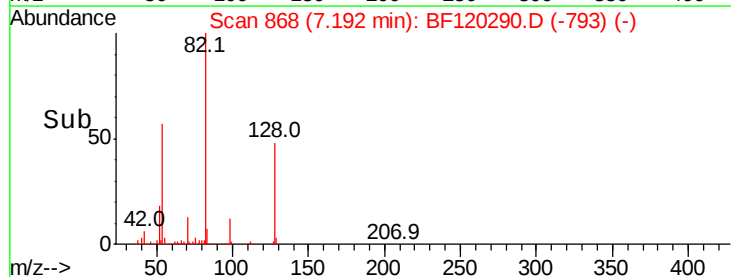
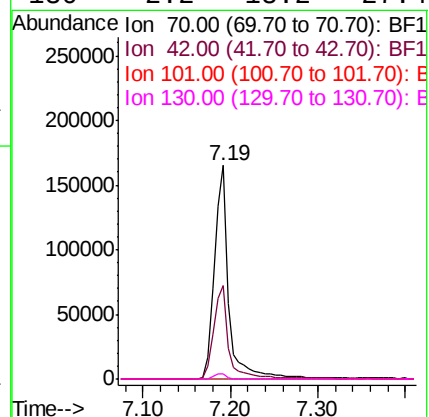
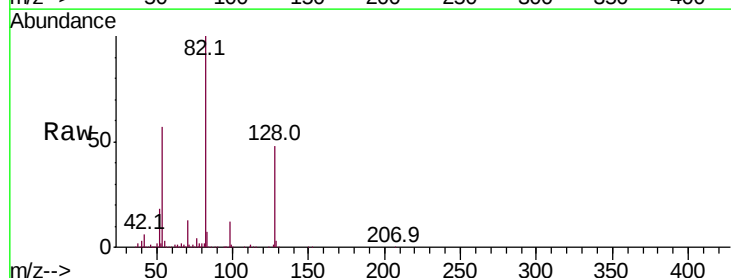
Ion Ratio Lower Upper

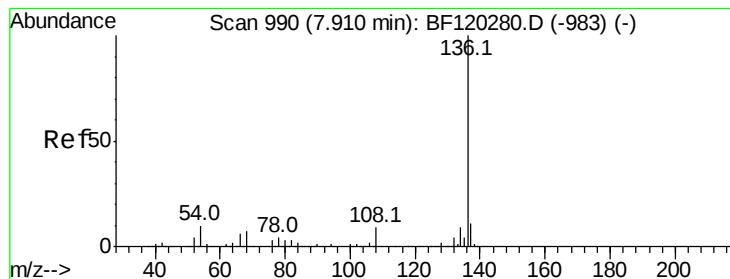
70 100

42 43.7 43.4 65.0

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB128891BL

Tot Ion:136 Resp: 1332340

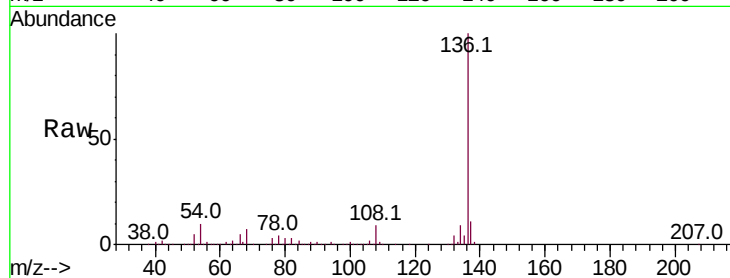
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.1 7.9 11.9

68 6.6 5.4 8.2

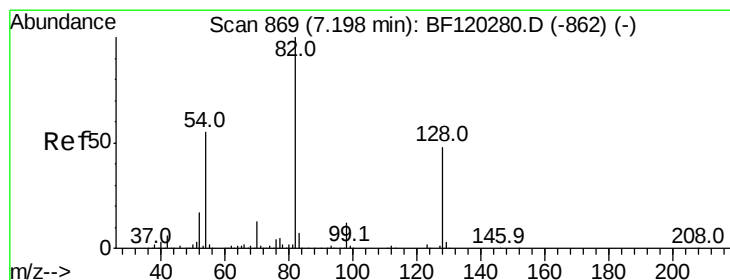
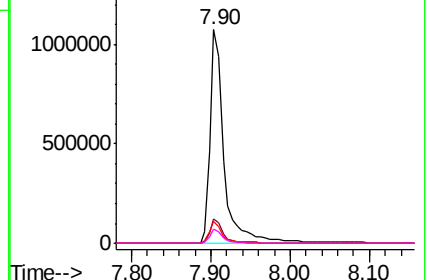
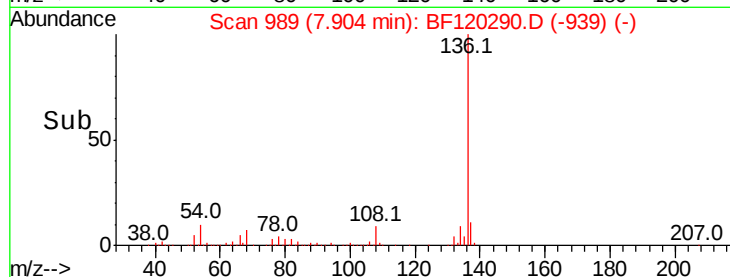


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.496 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

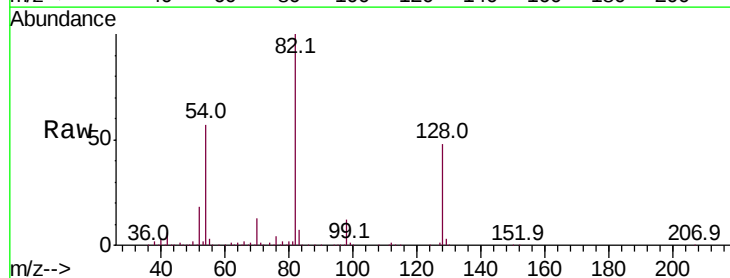
Tgt Ion: 82 Resp: 1488592

Ion Ratio Lower Upper

82 100

128 48.1 38.3 57.5

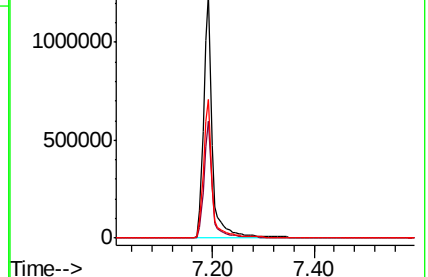
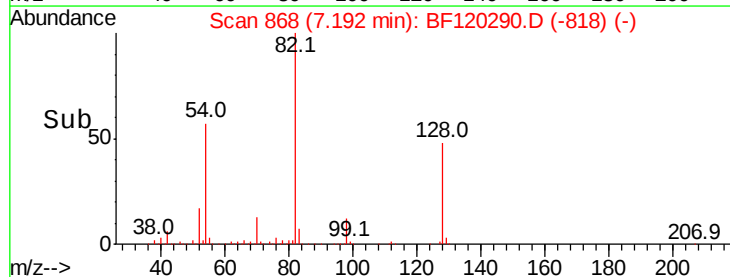
54 56.8 43.9 65.9

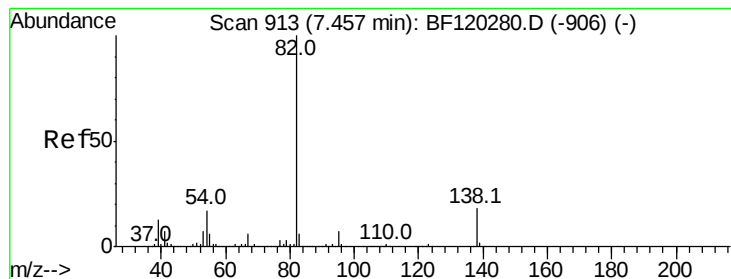


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.767 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.26 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

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ClientSampleId :

PB128891BL

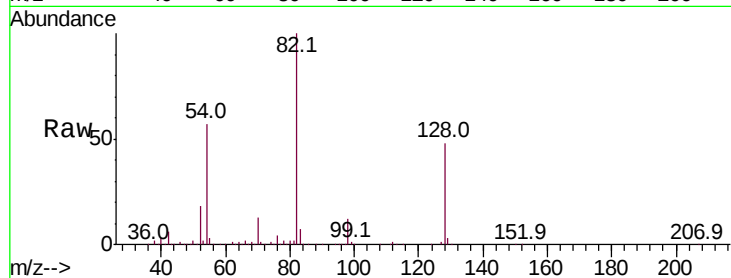
Tot Ion: 82 Resp: 1488670

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

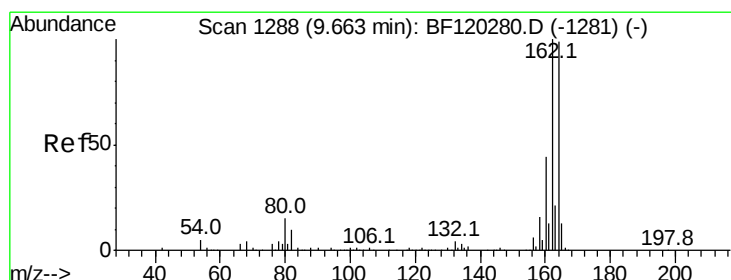
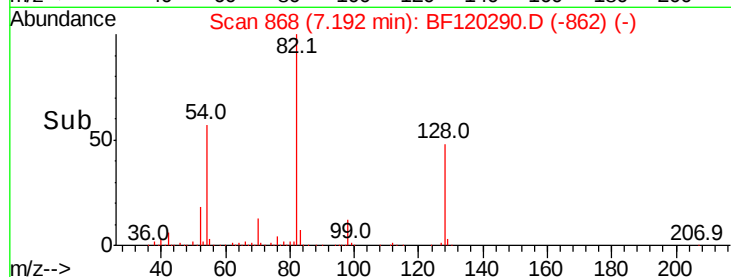
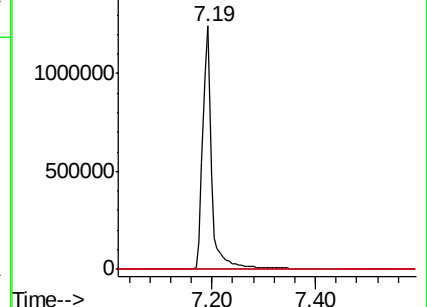
138 0.0 14.7 22.1#



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: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

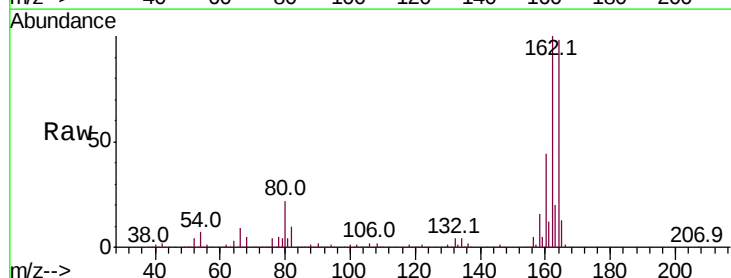
Tgt Ion:164 Resp: 734516

Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

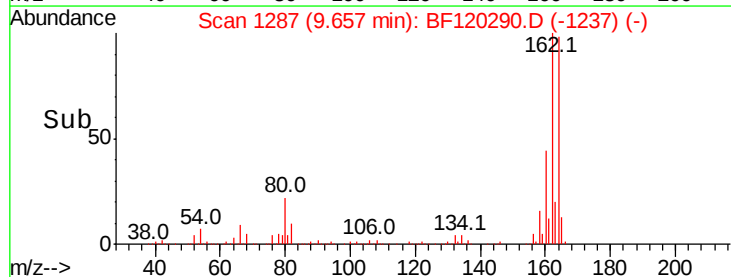
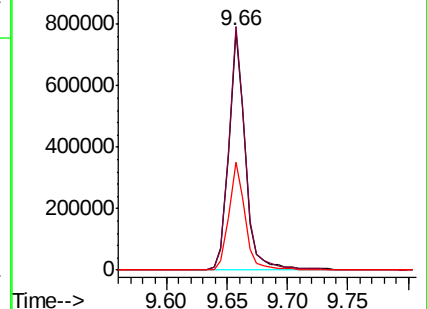
160 45.0 35.8 53.6

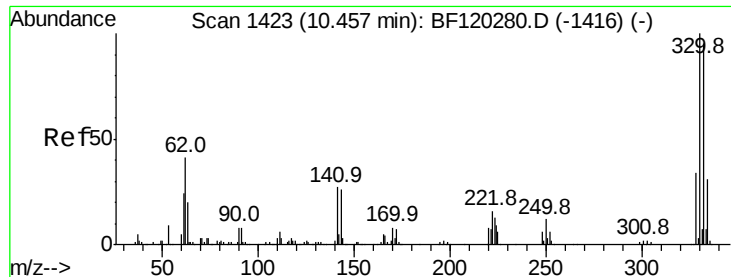


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 101.693 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB128891BL

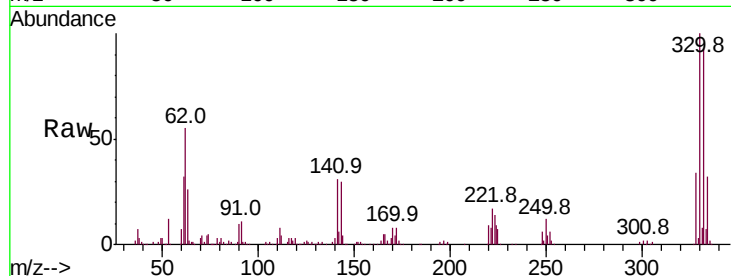
Tot Ion:330 Resp: 609023

Ion Ratio Lower Upper

330 100

332 95.3 76.5 114.7

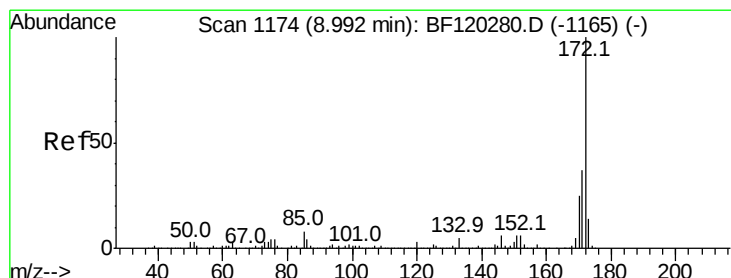
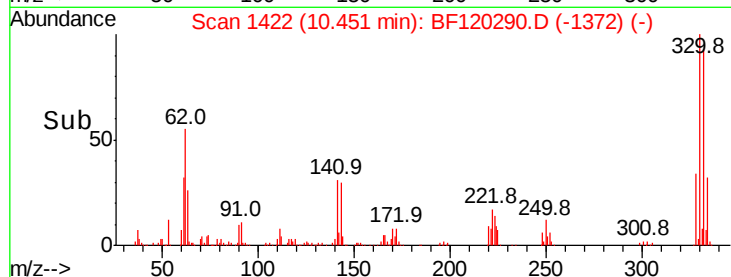
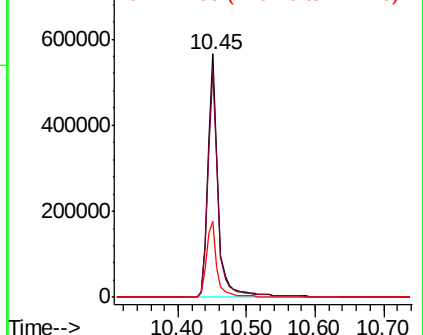
141 32.1 25.4 38.0



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: 77.867 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

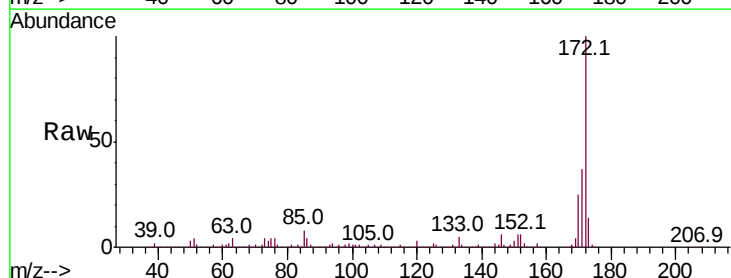
Tgt Ion:172 Resp: 2783913

Ion Ratio Lower Upper

172 100

171 36.9 29.7 44.5

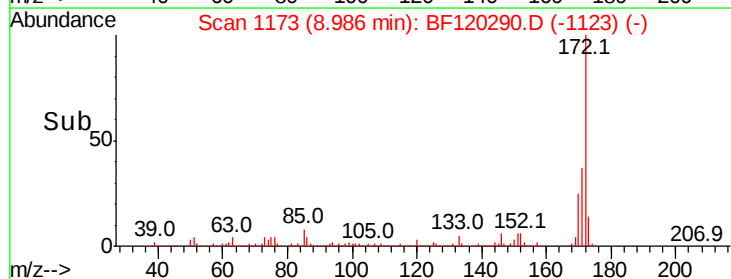
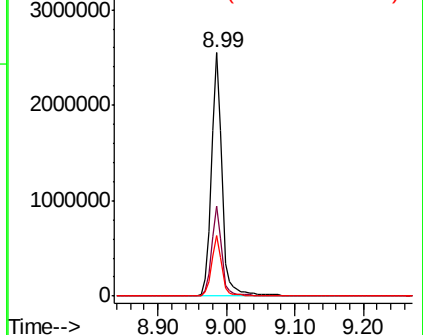
170 24.8 19.9 29.9

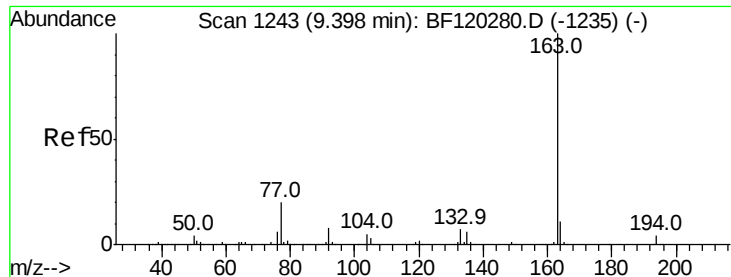


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.273 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.26 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

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ClientSampleId :

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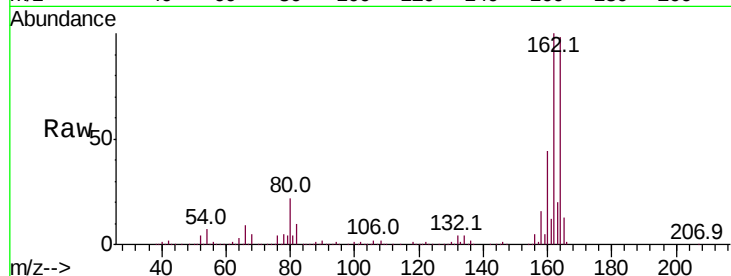
Tot Ion:163 Resp: 151977

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

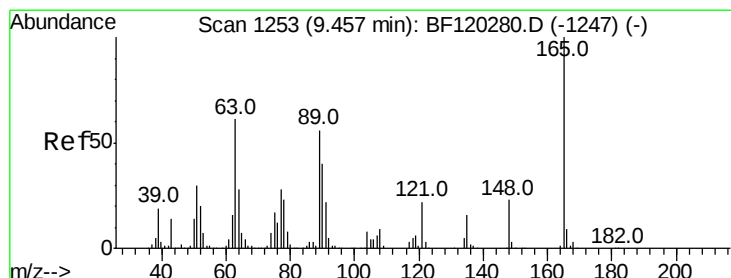
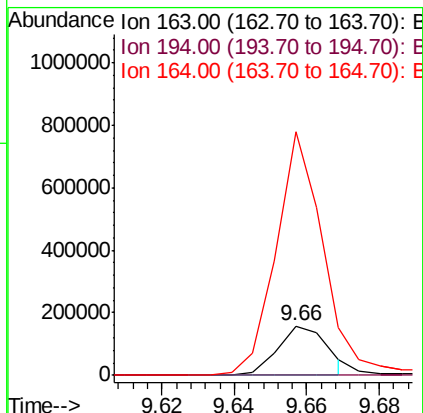
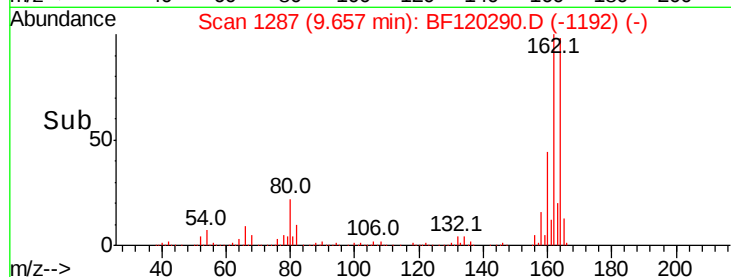
164 493.6 8.6 12.8#



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: 9.128 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.20 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

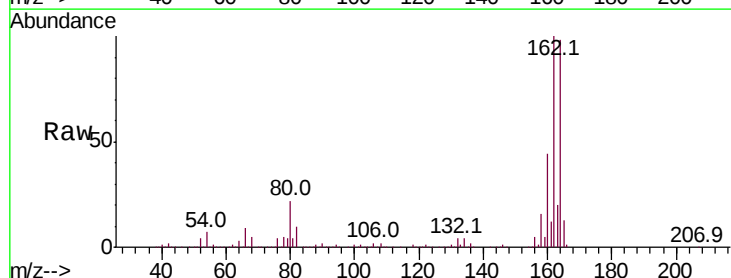
Tgt Ion:165 Resp: 94599

Ion Ratio Lower Upper

165 100

63 1.0 50.2 75.2#

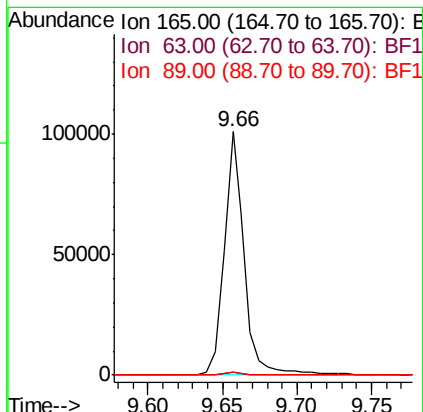
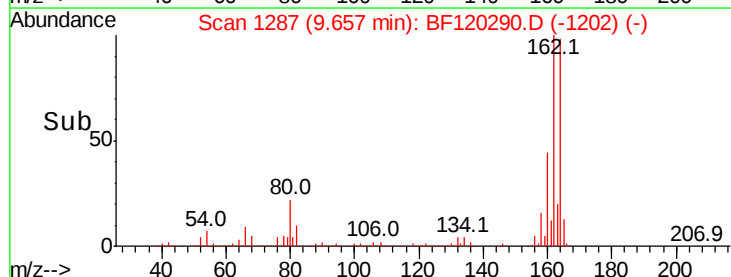
89 1.3 44.6 66.8#

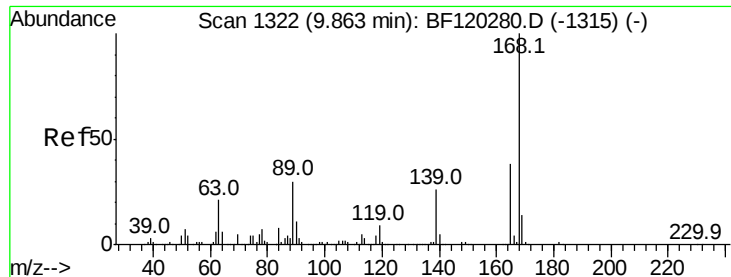


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

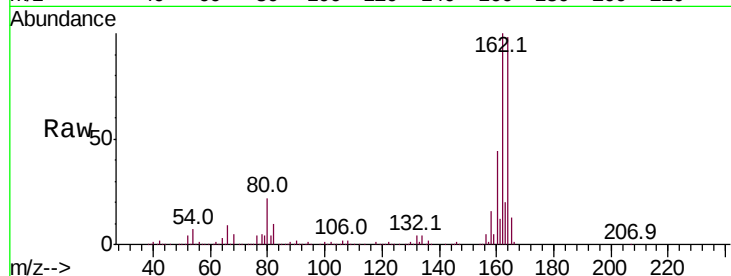




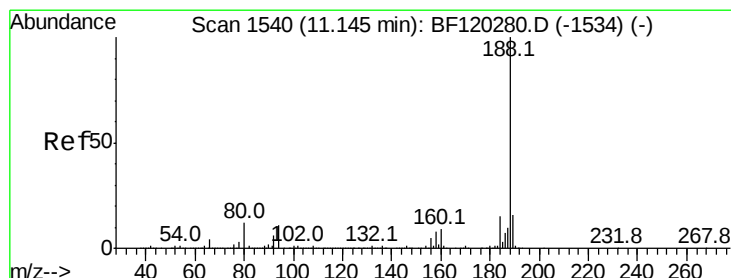
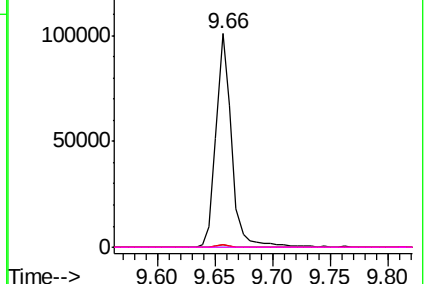
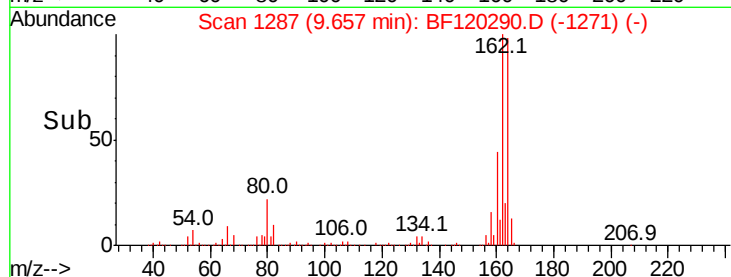
#57
 2,4-Dinitrotoluene
 Concen: 7.808 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.21 min
 Lab File: BF120290.D
 Acq: 14 May 2020 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB128891BL

Tot Ion:165 Resp: 94921
 Ion Ratio Lower Upper
 165 100
 63 1.0 51.8 77.8#
 89 1.3 64.2 96.4#
 182 0.0 2.0 3.0#

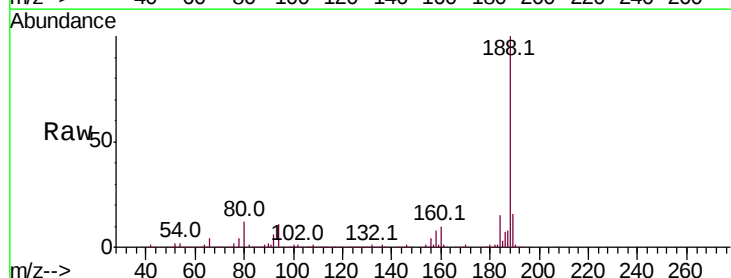


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

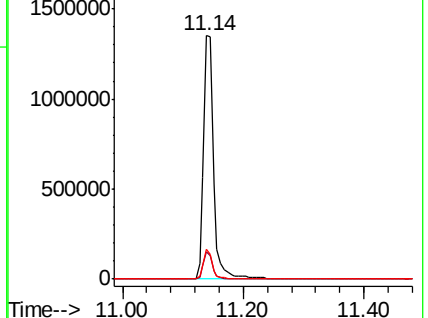
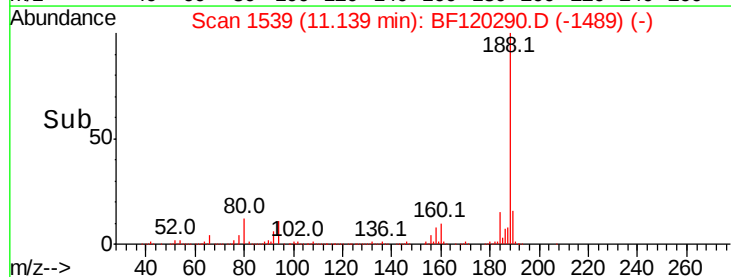


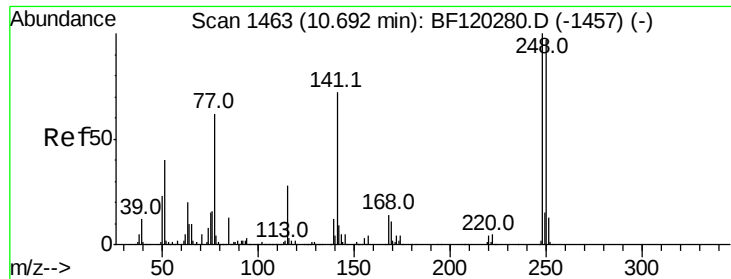
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF120290.D
 Acq: 14 May 2020 15:04

Tgt Ion:188 Resp: 1554726
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.6 13.0
 80 12.5 9.2 13.8



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

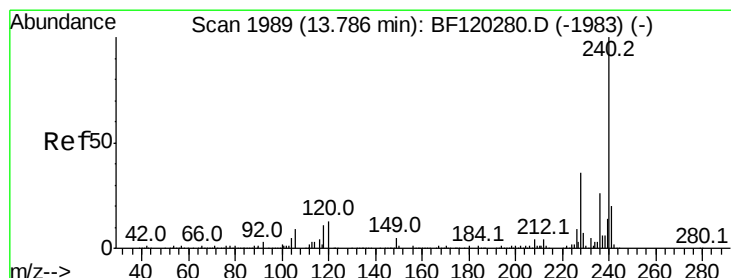
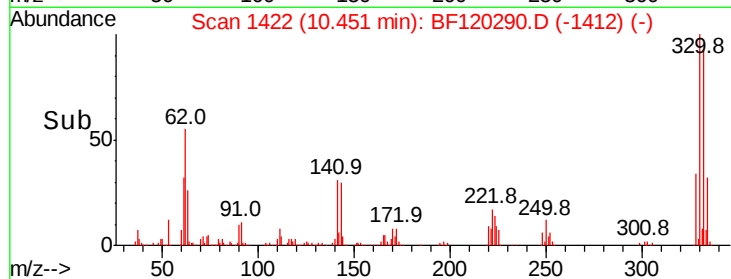
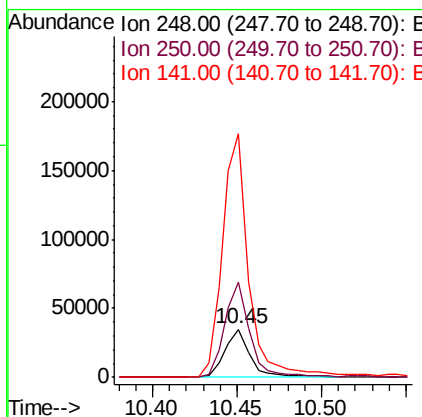
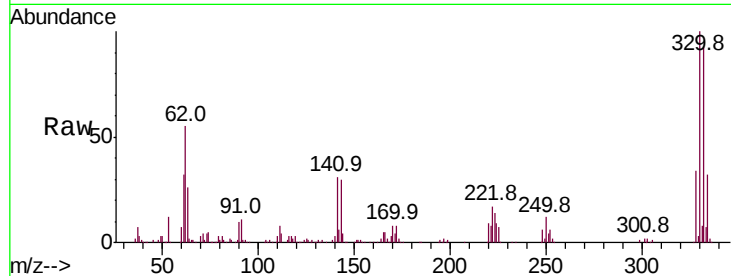




#67
 4-Bromophenyl-phenylether
 Concen: 2.428 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.24 min
 Lab File: BF120290.D
 Acq: 14 May 2020 15:04

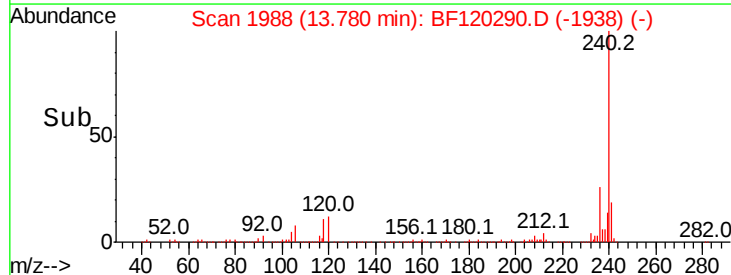
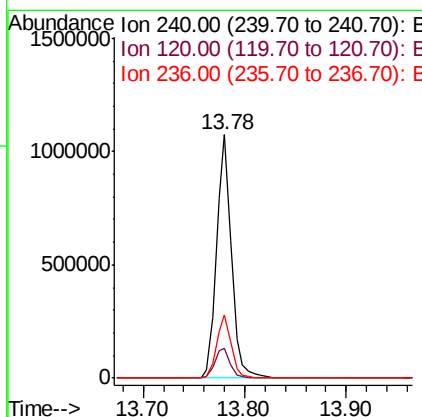
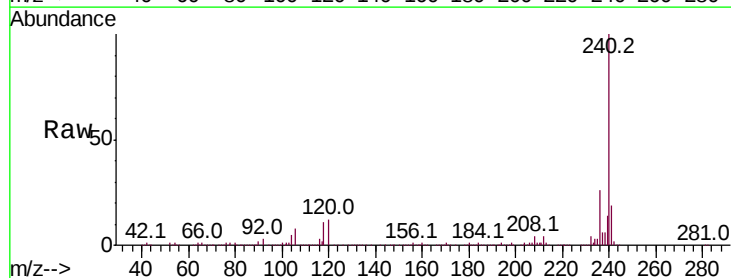
Instrument :
 BNA_F
 ClientSampleId :
 PB128891BL

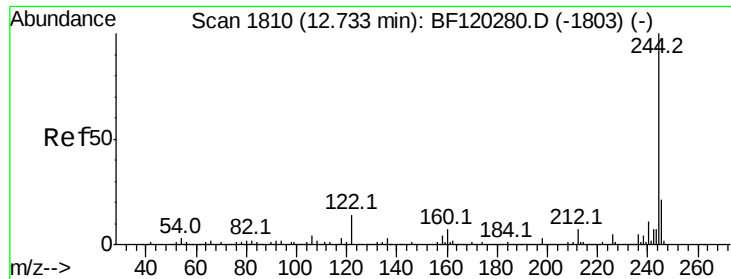
Tot Ion:248 Resp: 36638
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.8 116.6#
 141 508.9 57.7 86.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF120290.D
 Acq: 14 May 2020 15:04

Tgt Ion:240 Resp: 1096738
 Ion Ratio Lower Upper
 240 100
 120 12.2 10.4 15.6
 236 25.7 21.0 31.6





#79

Terphenyl-d14

Concen: 61.877 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB128891BL

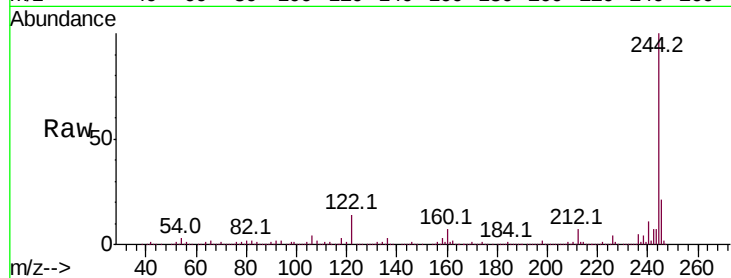
Tot Ion:244 Resp: 3071786

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

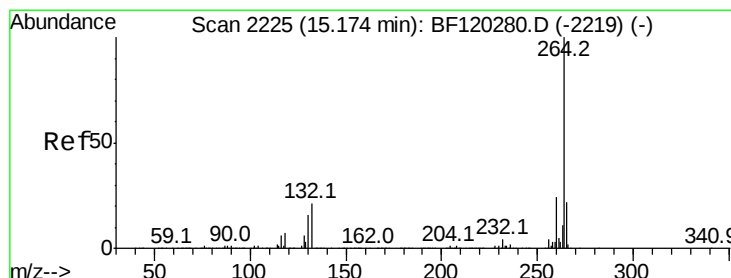
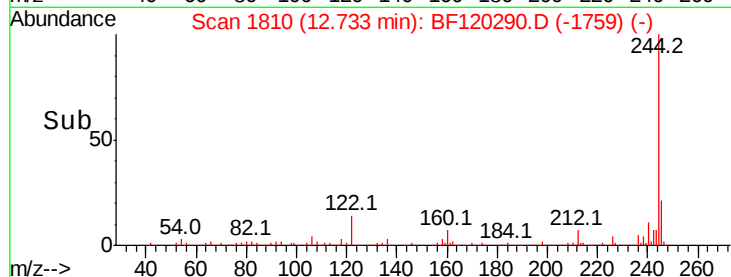
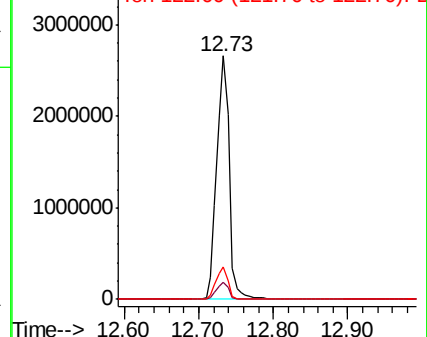
122 13.5 10.8 16.2



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: 15.17 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BF120290.D

Acq: 14 May 2020 15:04

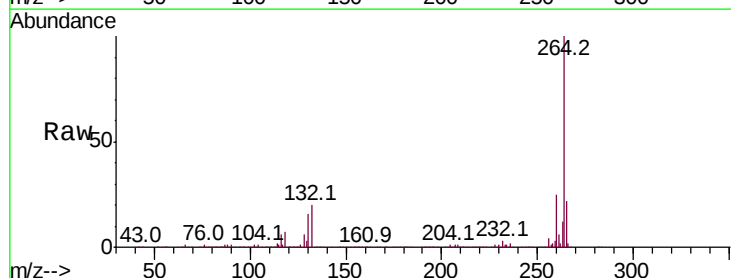
Tgt Ion:264 Resp: 956383

Ion Ratio Lower Upper

264 100

260 25.0 19.0 28.6

265 22.2 17.5 26.3



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

