

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120991.D
 Acq On : 23 Jul 2020 20:25
 Operator : JU/CG
 Sample : PB130431TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:47:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	154495	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	588437	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	306018	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	604592	20.00	ng	0.00
76) Chrysene-d12	13.96	240	501720	20.00	ng	-0.01
86) Perylene-d12	15.42	264	451889	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1103741	117.12	ng	0.00
7) Phenol-d6	6.45	99	1317867	108.26	ng	0.00
23) Nitrobenzene-d5	7.37	82	830497	81.67	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	416165	124.24	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1582973	77.23	ng	0.00
79) Terphenyl-d14	12.92	244	1661952	72.01	ng	0.00

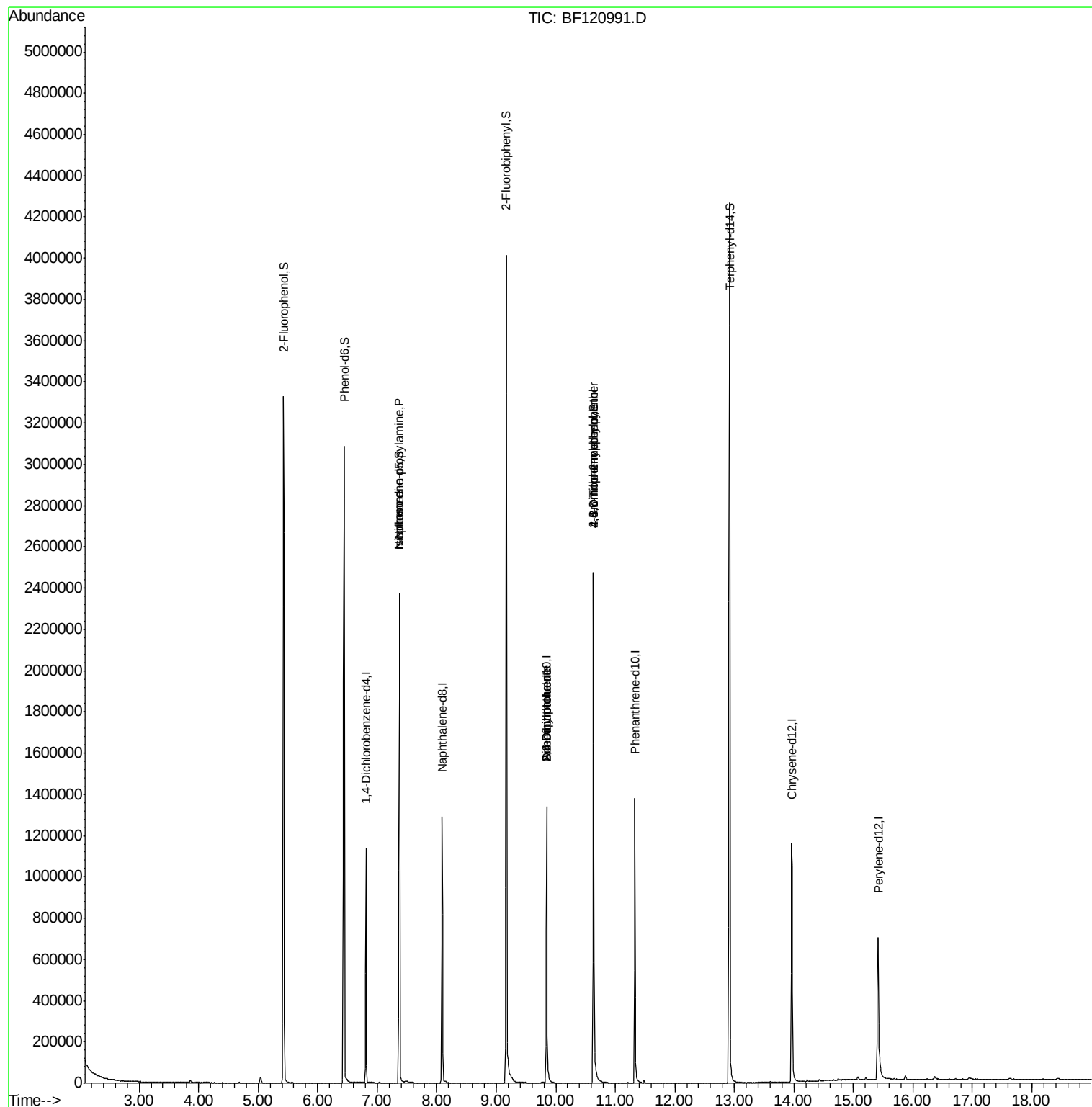
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1943	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	108528	15.678	ng	# 77
25) Isophorone	7.37	82	828088	40.801	ng	# 63
50) Dimethylphthalate	9.85	163	56435	2.556	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	38026	8.017	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	38474	6.177	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	695	4.025	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	23404	3.472	ng	# 1

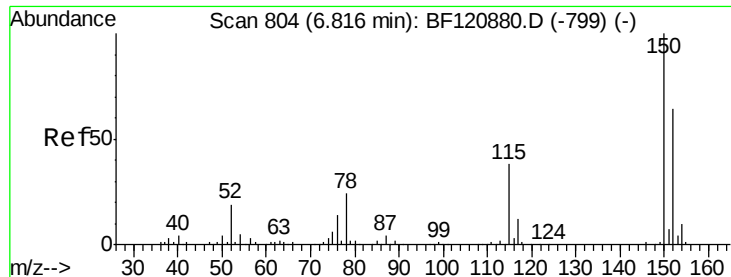
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120991.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
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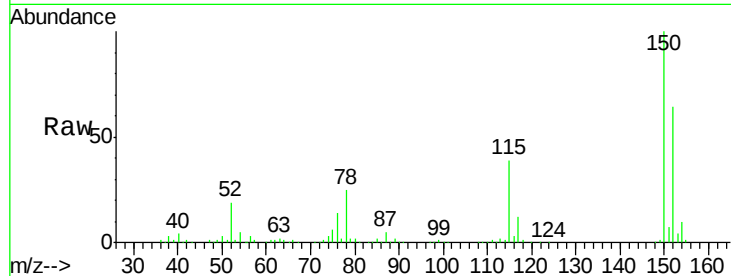


#1

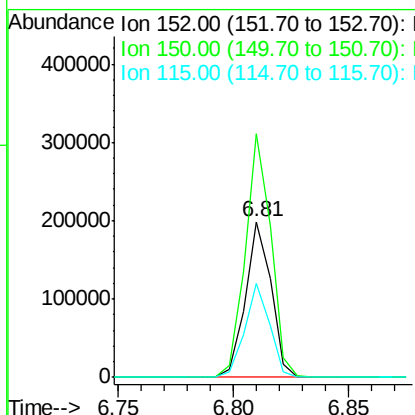
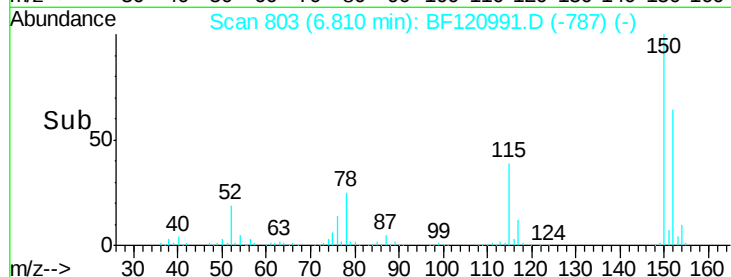
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154495
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 60.5 47.0 70.4



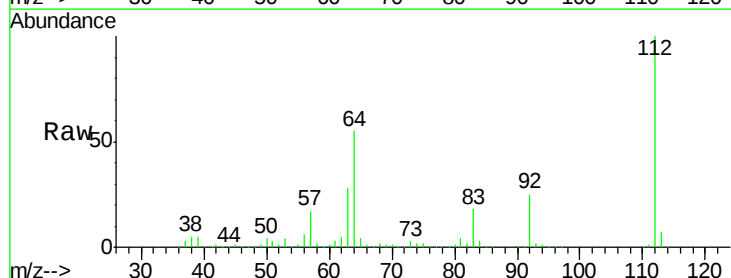
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



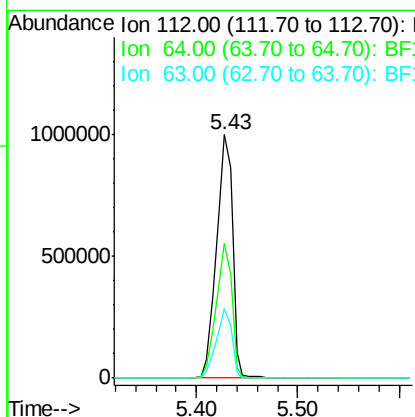
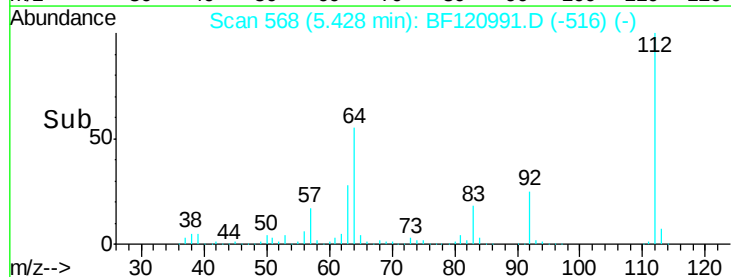
#5

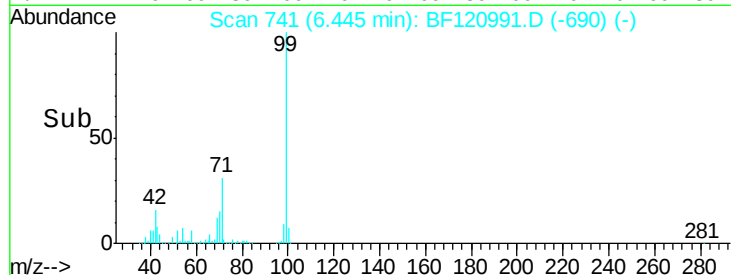
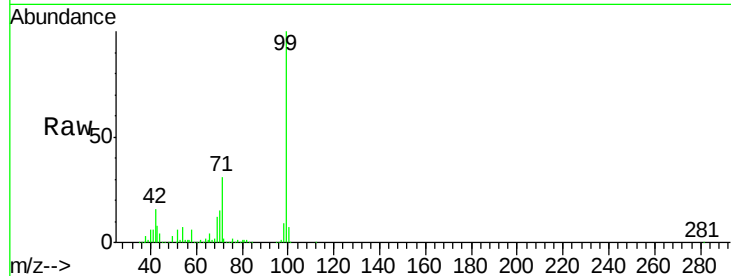
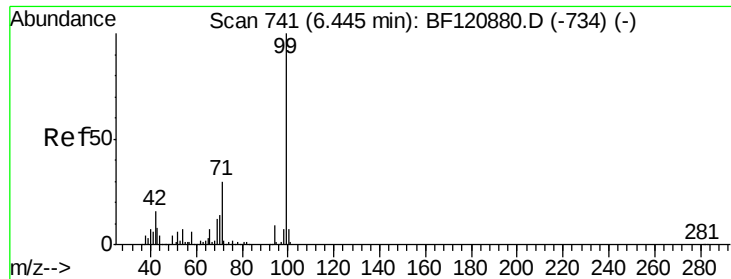
2-Fluorophenol
Concen: 117.119 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

Tgt Ion:112 Resp: 1103741
Ion Ratio Lower Upper
112 100
64 55.4 41.3 61.9
63 28.5 21.1 31.7



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: 108.256 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120991.D

Acq: 23 Jul 2020 20:25

Instrument :

BNA_F

ClientSampleId :

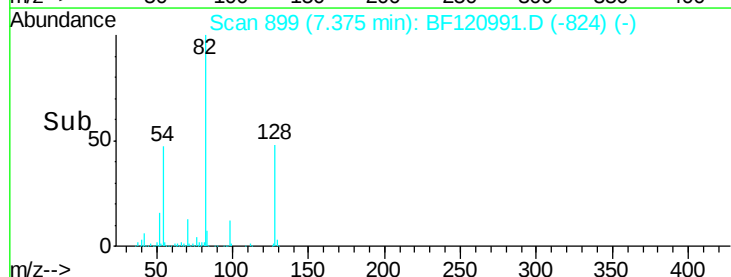
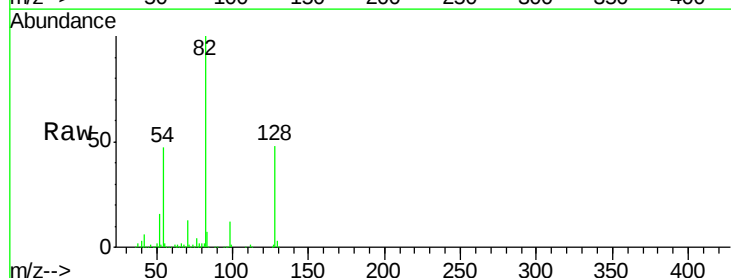
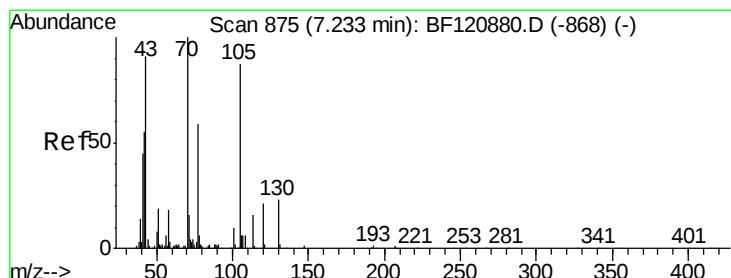
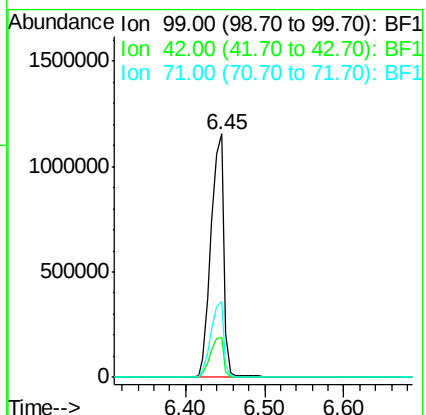
Tot Ion: 99 Resp: 1317867

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

71 31.2 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.678 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120991.D

Acq: 23 Jul 2020 20:25

Tgt Ion: 70 Resp: 108528

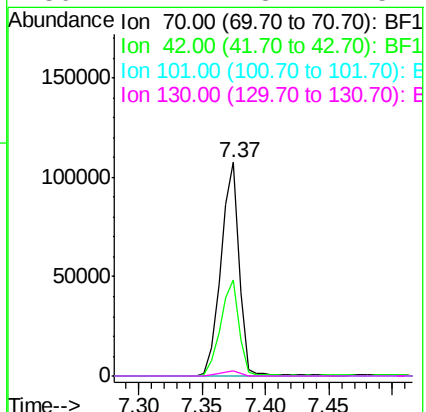
Ion Ratio Lower Upper

70 100

42 44.8 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120991.D

Acq: 23 Jul 2020 20:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 588437

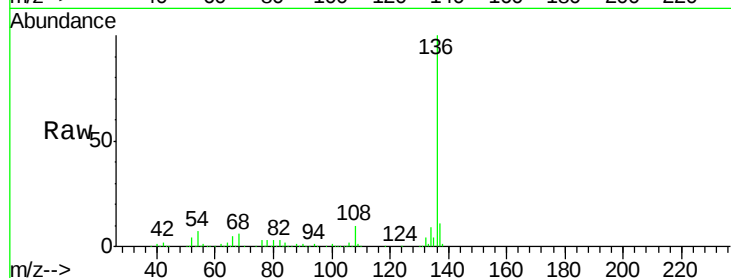
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 7.3 6.3 9.5

68 5.8 5.0 7.4

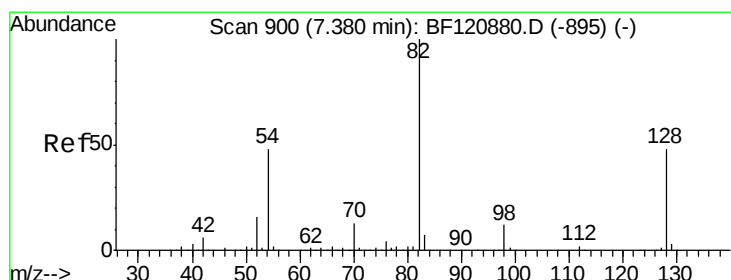
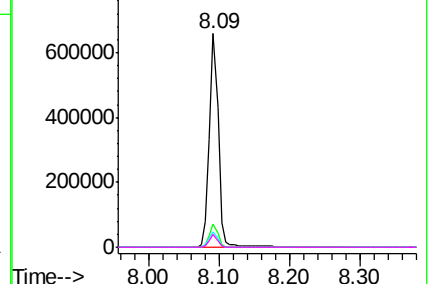
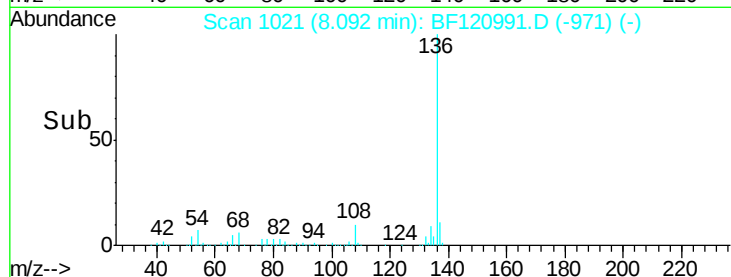


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.666 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120991.D

Acq: 23 Jul 2020 20:25

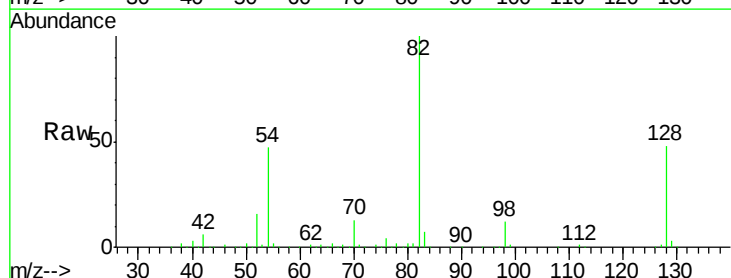
Tgt Ion: 82 Resp: 830497

Ion Ratio Lower Upper

82 100

128 47.7 38.2 57.4

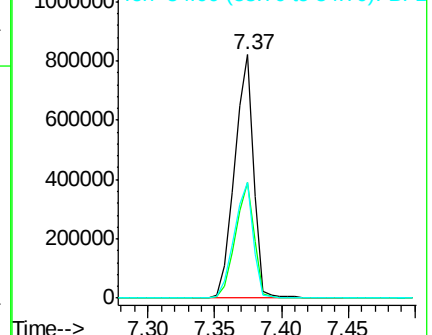
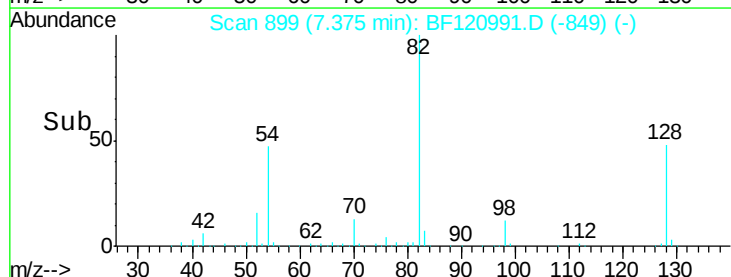
54 47.5 38.7 58.1



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

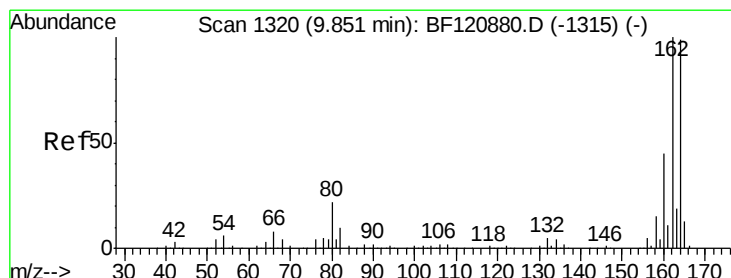
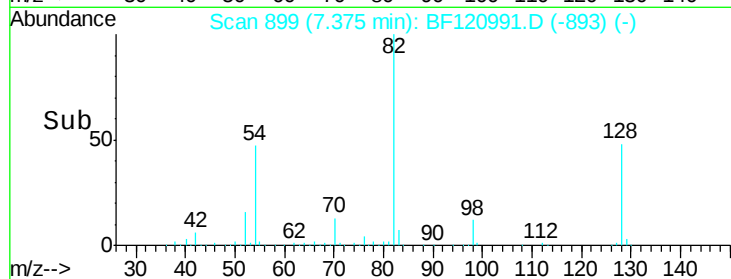
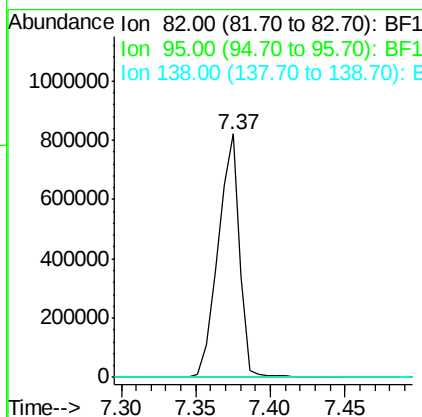
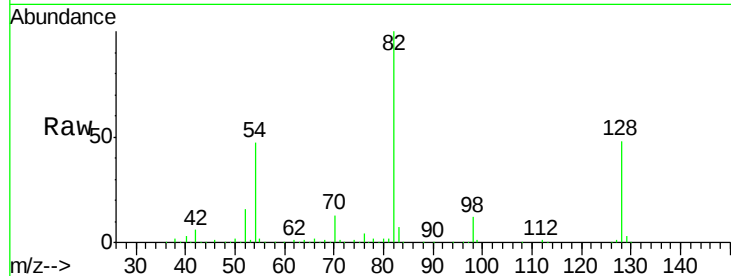




#25
Isophorone
Concen: 40.801 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

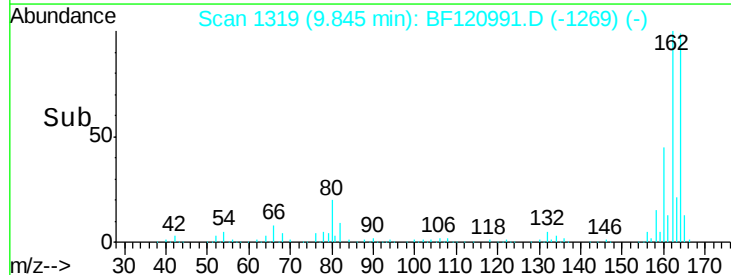
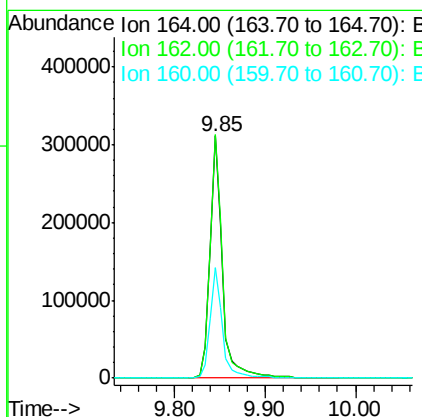
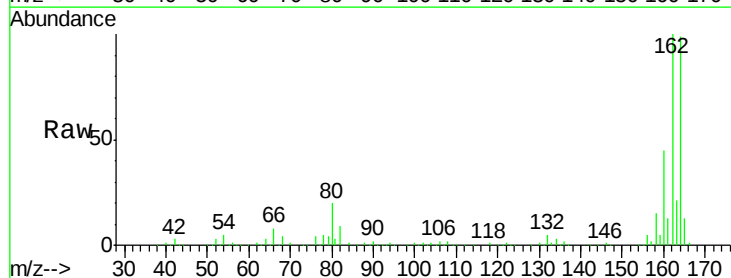
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 828088
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

Tgt Ion: 164 Resp: 306018
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 45.5 36.9 55.3

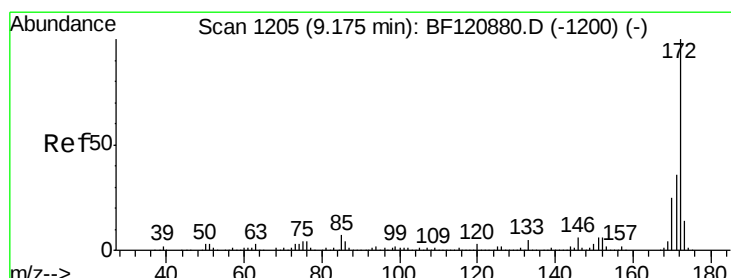
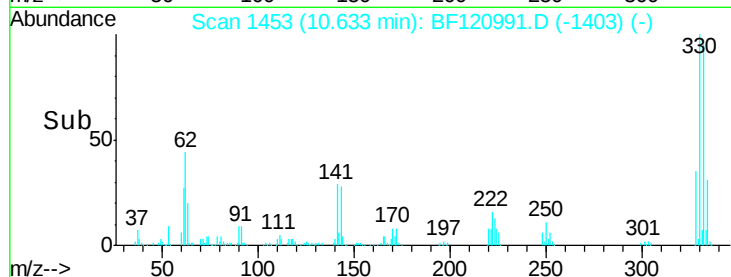
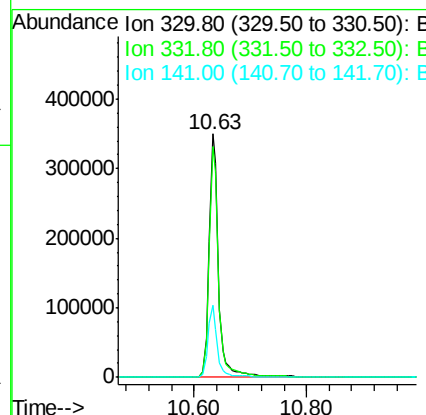
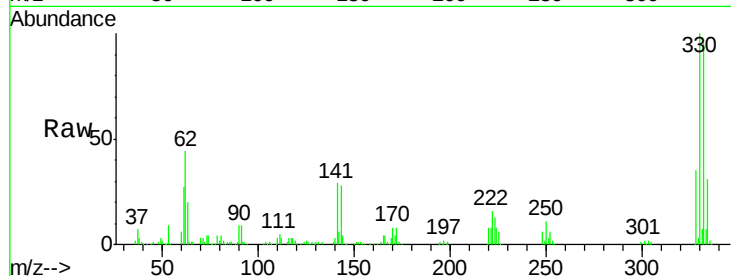




#42
 2,4,6-Tribromophenol
 Concen: 124.241 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120991.D
 Acq: 23 Jul 2020 20:25

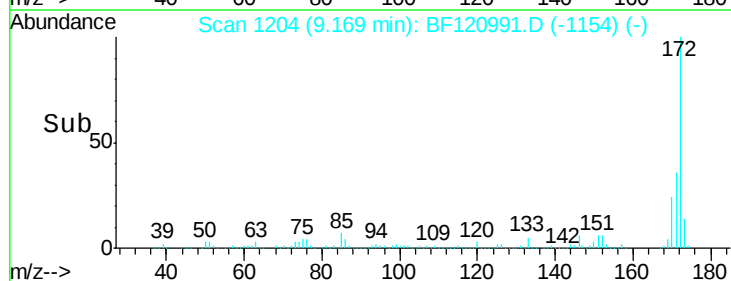
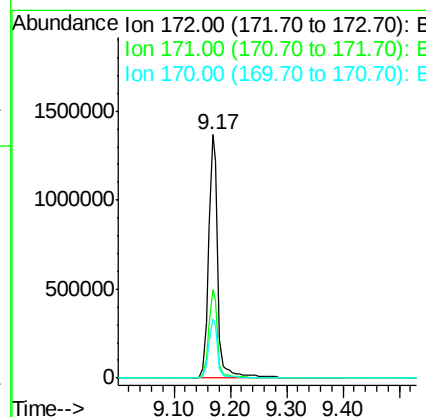
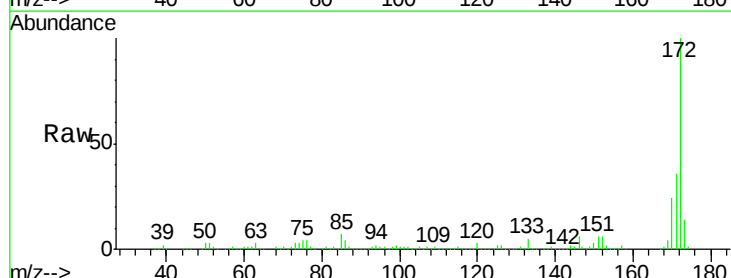
Instrument :
 BNA_F
 ClientSampleId :

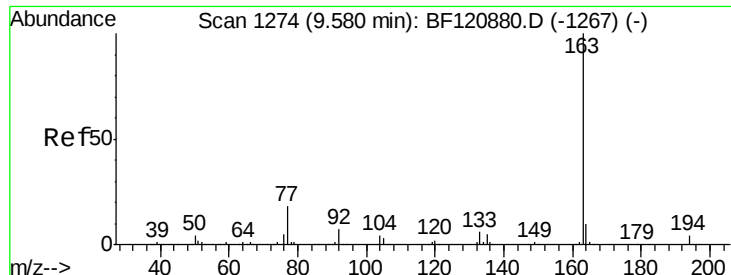
Tot Ion:330 Resp: 416165
 Ion Ratio Lower Upper
 330 100
 332 94.6 75.5 113.3
 141 29.7 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 77.232 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120991.D
 Acq: 23 Jul 2020 20:25

Tgt Ion:172 Resp: 1582973
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.4 19.6 29.4





#50

Dimethylphthalate

Concen: 2.556 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.26 min

Lab File: BF120991.D

Acq: 23 Jul 2020 20:25

Instrument :

BNA_F

ClientSampleId :

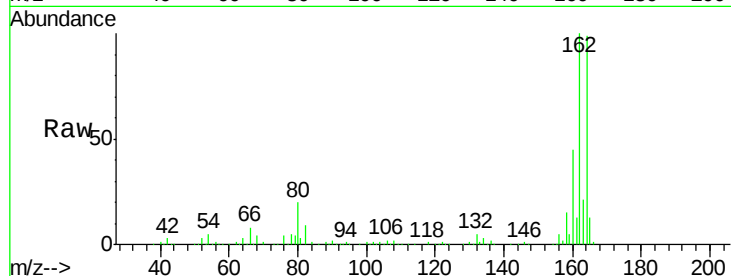
Tot Ion:163 Resp: 56435

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

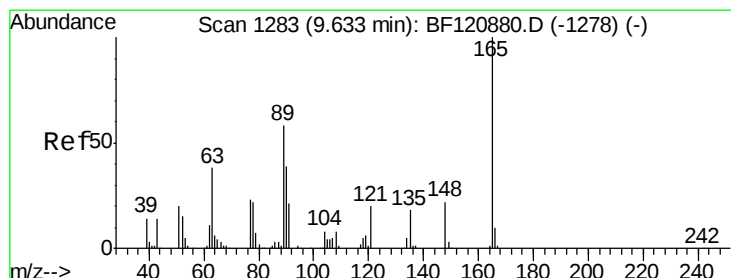
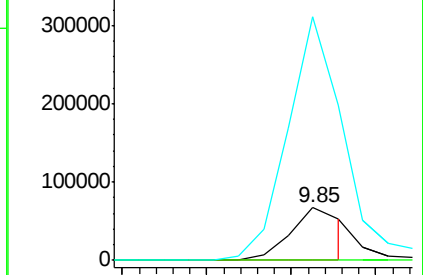
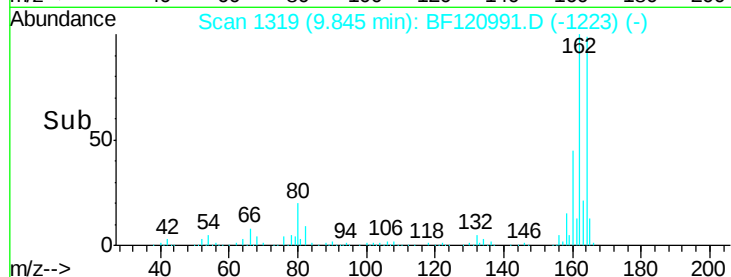
164 462.8 7.9 11.9#



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: 8.017 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF120991.D

Acq: 23 Jul 2020 20:25

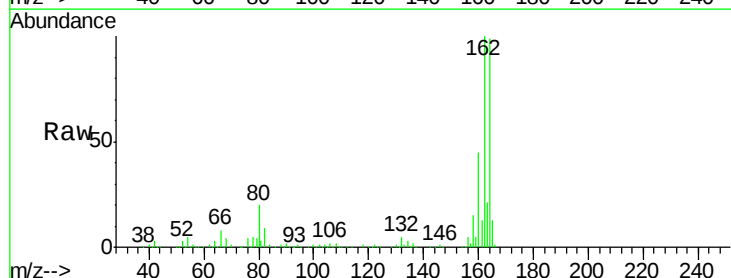
Tgt Ion:165 Resp: 38026

Ion Ratio Lower Upper

165 100

63 0.9 45.4 68.2#

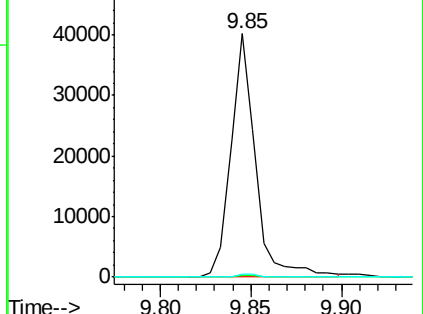
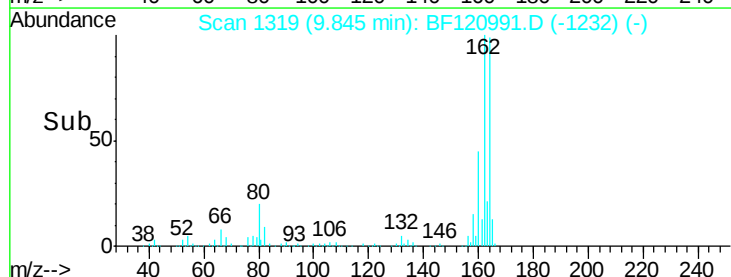
89 1.4 47.0 70.4#

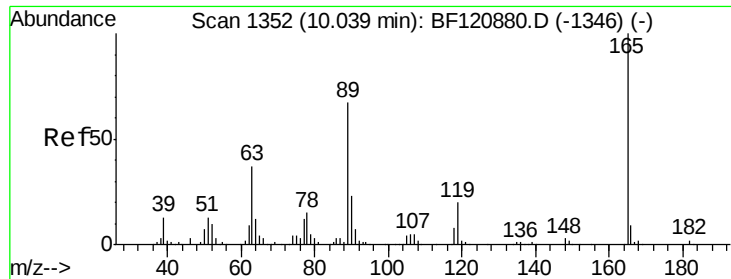


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

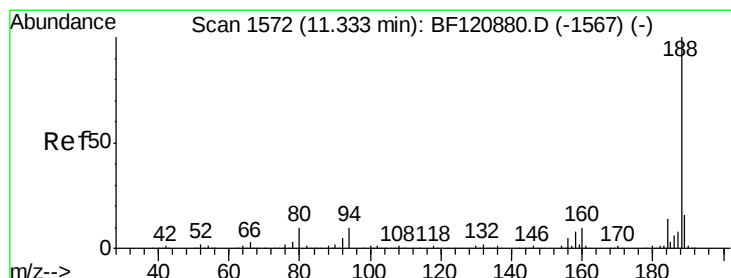
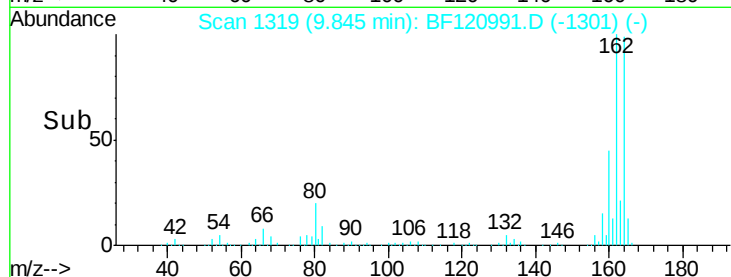
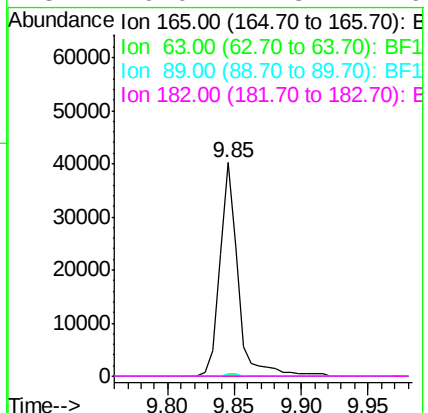
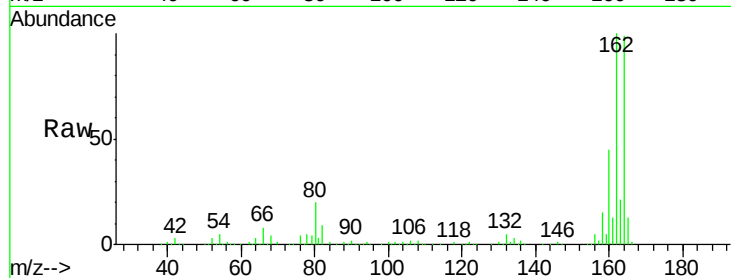




#57
 2,4-Dinitrotoluene
 Concen: 6.177 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120991.D
 Acq: 23 Jul 2020 20:25

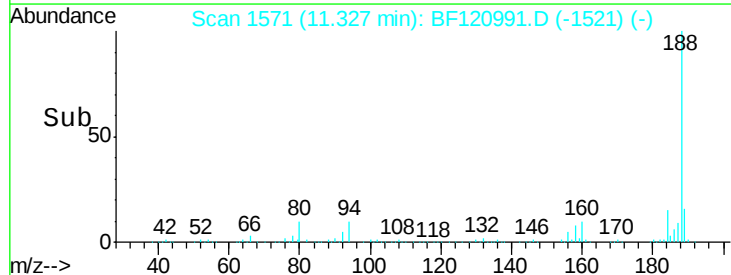
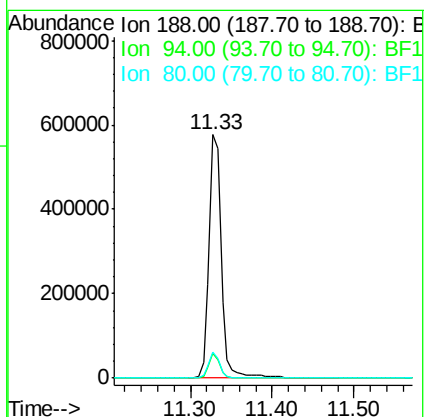
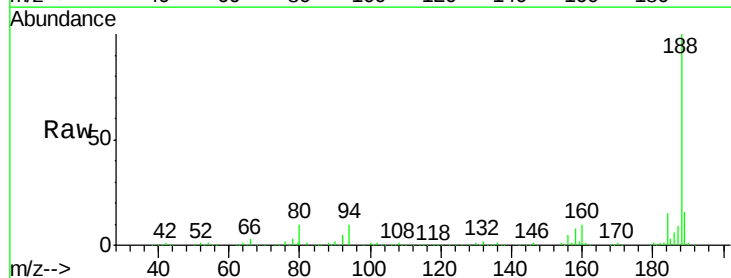
Instrument :
 BNA_F
 ClientSampleId :

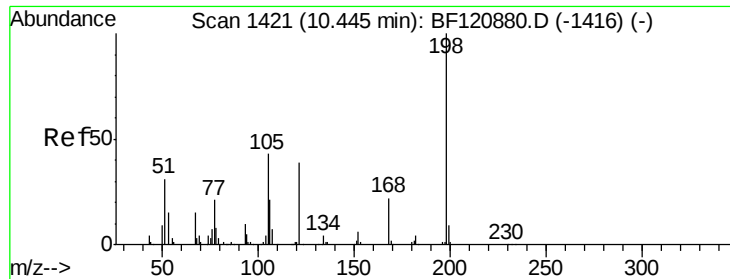
Tot Ion:165 Resp: 38474
 Ion Ratio Lower Upper
 165 100
 63 0.9 29.4 44.2#
 89 1.4 53.4 80.0#
 182 0.0 1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF120991.D
 Acq: 23 Jul 2020 20:25

Tgt Ion:188 Resp: 604592
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.0 12.0
 80 10.5 8.3 12.5

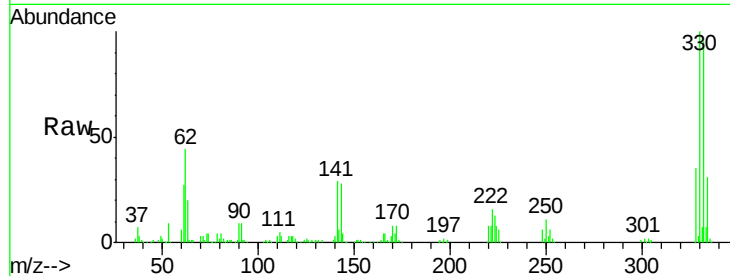




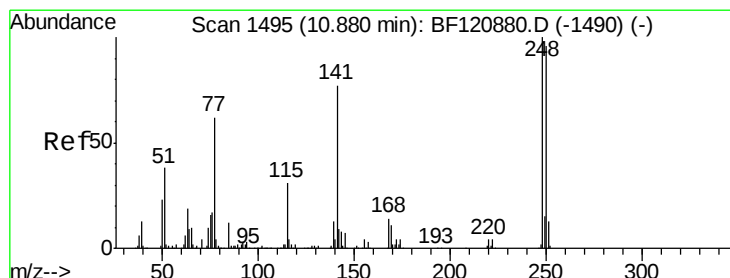
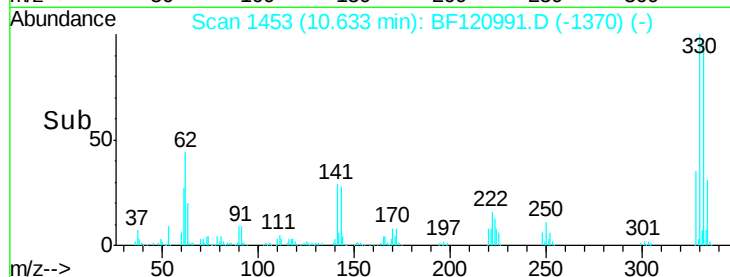
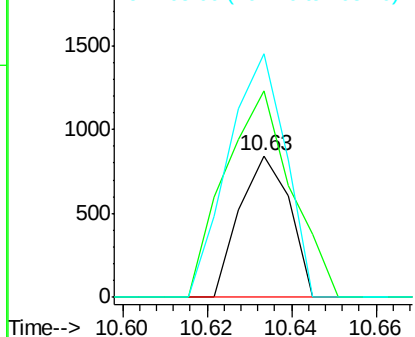
#65
4,6-Dinitro-2-methylphenol
Concen: 4.025 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.19 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 695
Ion Ratio Lower Upper
198 100
51 146.6 19.5 59.5#
105 172.3 24.4 64.4#

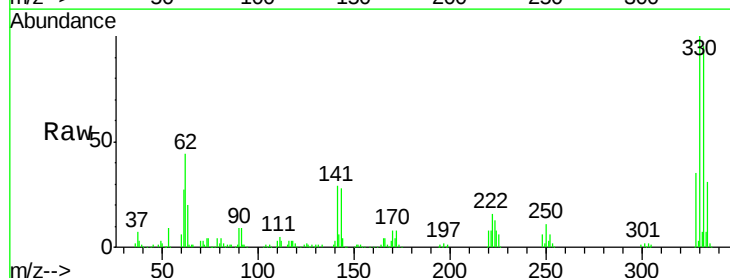


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

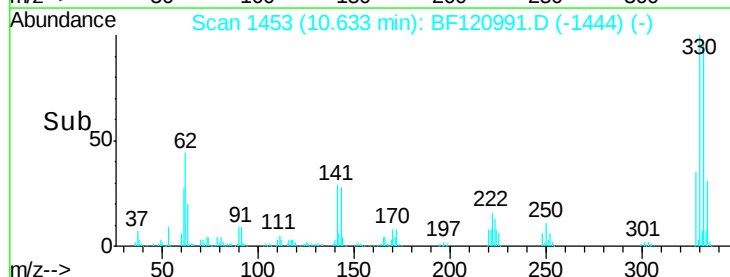
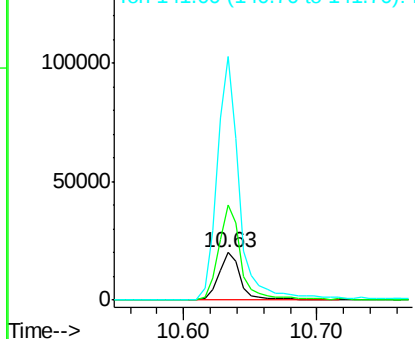


#67
4-Bromophenyl-phenylether
Concen: 3.472 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

Tgt Ion:248 Resp: 23404
Ion Ratio Lower Upper
248 100
250 200.6 77.1 115.7#
141 513.6 61.2 91.8#



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

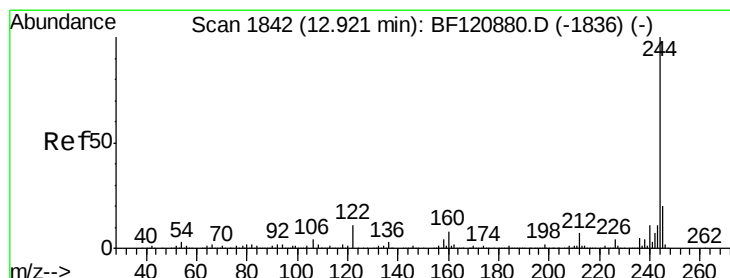
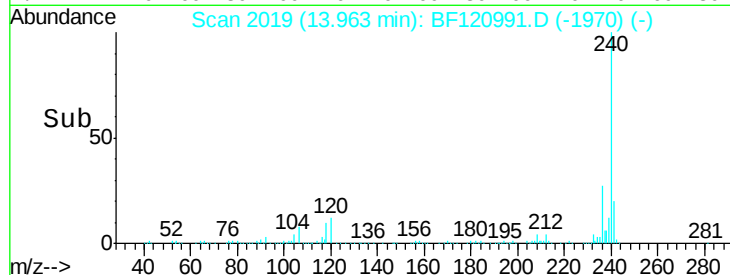
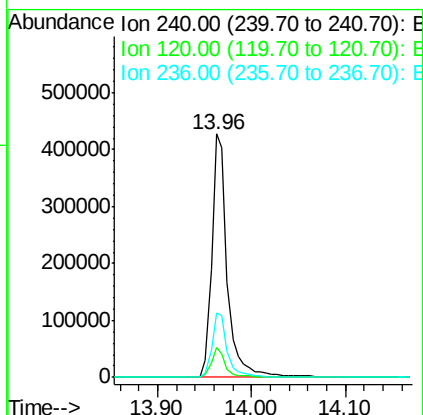
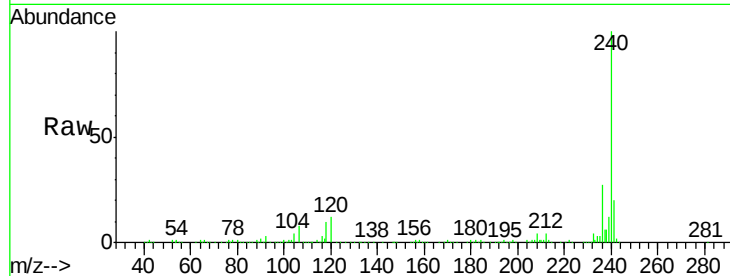




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

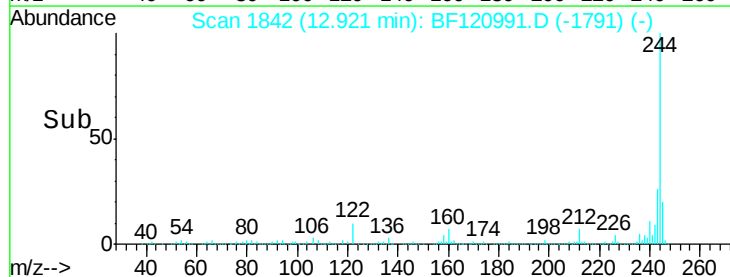
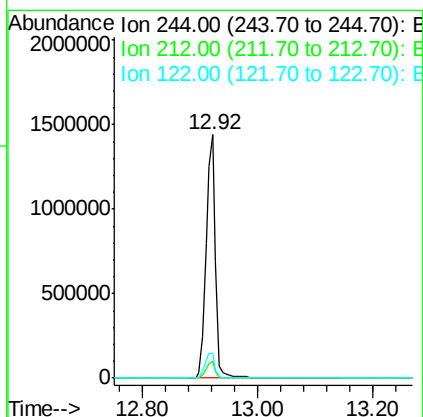
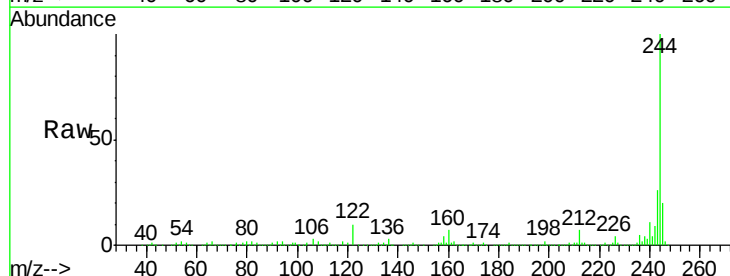
Instrument :
BNA_F
ClientSampleId :

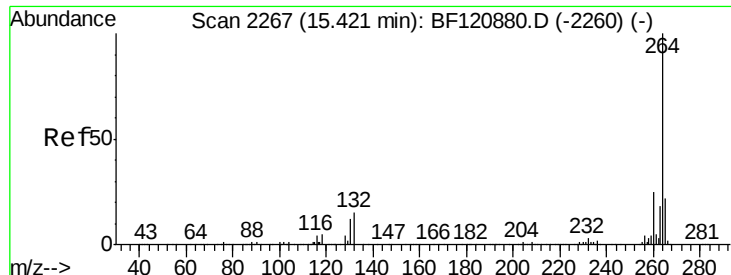
Tot Ion:240 Resp: 501720
Ion Ratio Lower Upper
240 100
120 12.2 9.0 13.4
236 26.6 21.7 32.5



#79
Terphenyl-d14
Concen: 72.007 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120991.D
Acq: 23 Jul 2020 20:25

Tgt Ion:244 Resp: 1661952
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.4 8.9 13.3

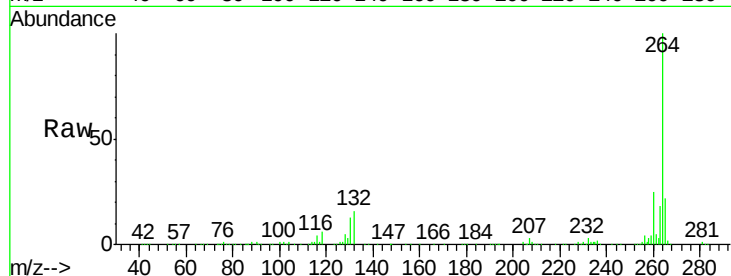




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120991.D
 Acq: 23 Jul 2020 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.0	30.0
265	22.0	17.4	26.2



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

