

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121403.D
 Acq On : 24 Aug 2020 17:13
 Operator : JU/CG
 Sample : PB131155BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BL

Quant Time: Aug 24 18:08:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	162470	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	639388	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	332838	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	649269	20.00	ng	0.00
76) Chrysene-d12	13.85	240	542449	20.00	ng	-0.01
86) Perylene-d12	15.26	264	520180	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1032872	104.24	ng	0.01
7) Phenol-d6	6.35	99	1270457	100.44	ng	0.00
23) Nitrobenzene-d5	7.26	82	887402	78.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	394767	101.78	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1500825	86.84	ng	0.00
79) Terphenyl-d14	12.80	244	1581851	56.99	ng	0.00

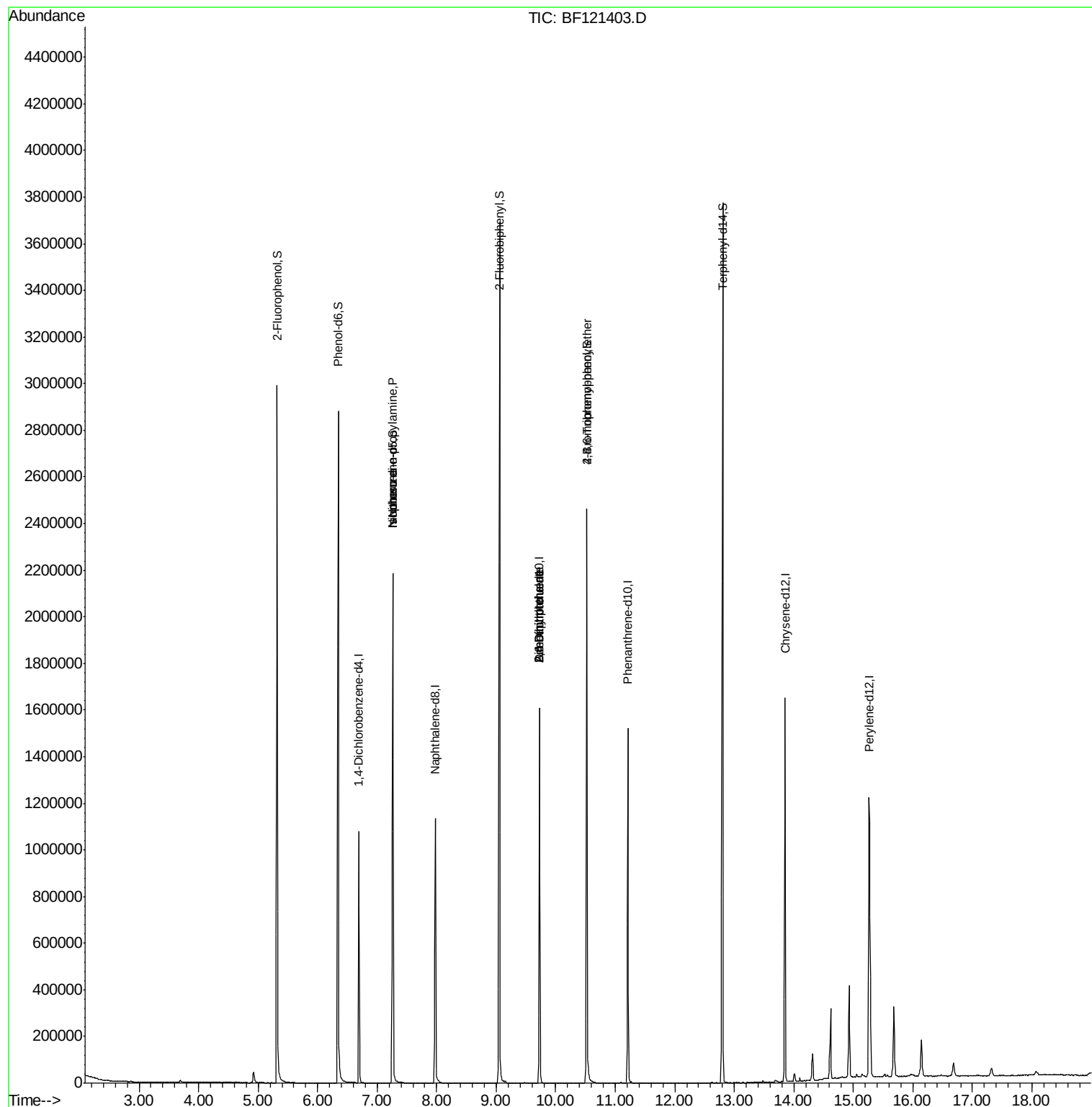
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	116653	17.148	ng	# 76
25) Isophorone	7.26	82	879394	42.743	ng	# 64
50) Dimethylphthalate	9.73	163	69299	2.862	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	42395	8.198	ng	# 31
57) 2,4-Dinitrotoluene	9.73	165	42395	6.720	ng	# 20
58) Fluorene	10.52	166	14512	Below Cal		# 84
67) 4-Bromophenyl-phenylether	10.52	248	22970	3.189	ng	# 1

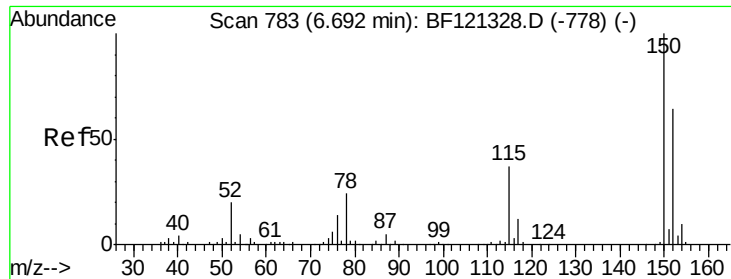
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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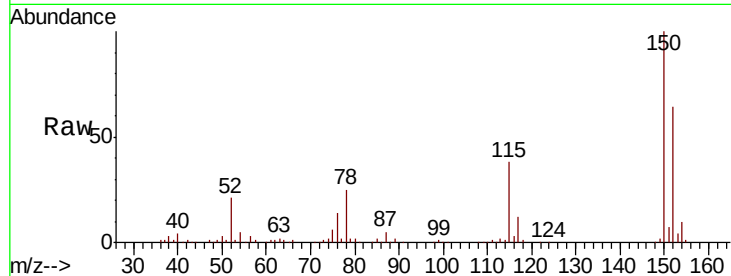


#1

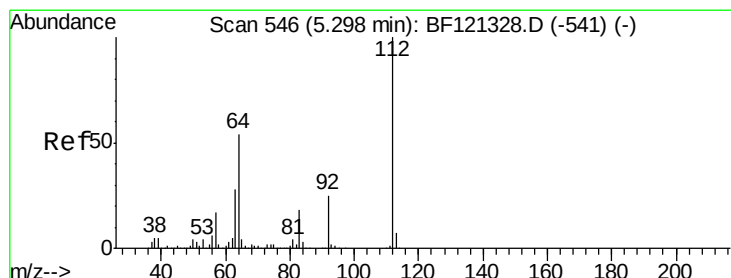
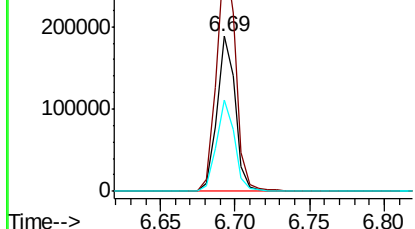
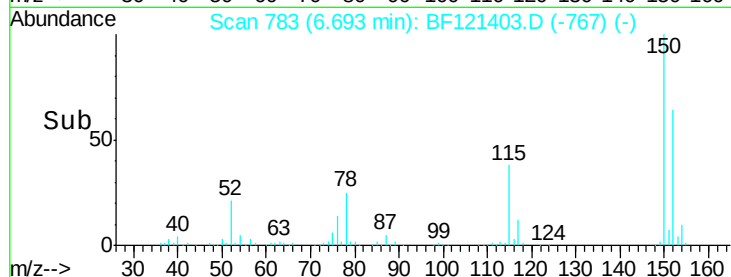
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF121403.D
 Acq: 24 Aug 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BL

Tot Ion:152 Resp: 162470
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.4 188.0
 115 59.0 47.0 70.6



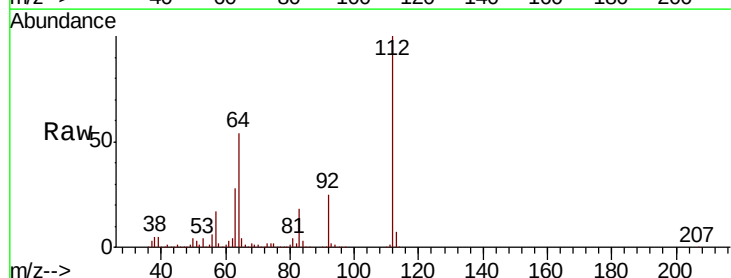
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



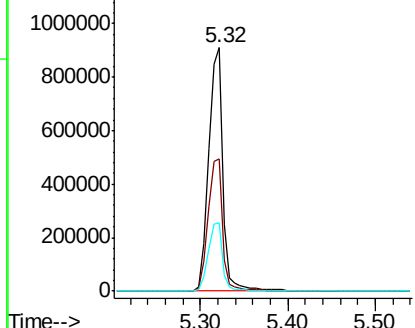
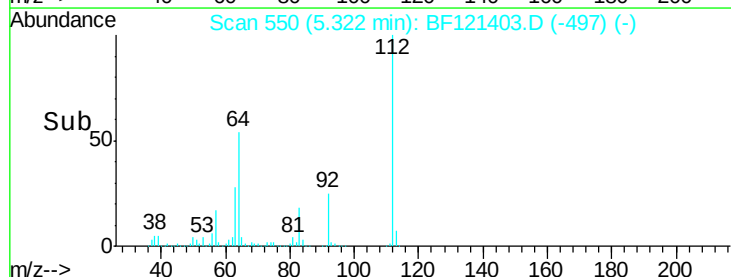
#5

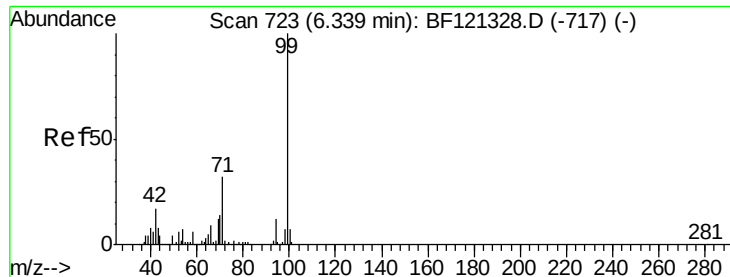
2-Fluorophenol
 Concen: 104.243 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF121403.D
 Acq: 24 Aug 2020 17:13

Tgt Ion:112 Resp: 1032872
 Ion Ratio Lower Upper
 112 100
 64 54.4 42.2 63.4
 63 28.0 21.4 32.2



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: 100.441 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

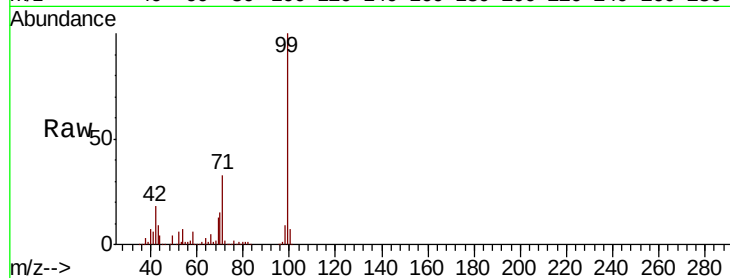
BNA_F

ClientSampleId :

PB131155BL

Tot Ion: 99 Resp: 1270457

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.9	20.9
71	32.6	25.5	38.3

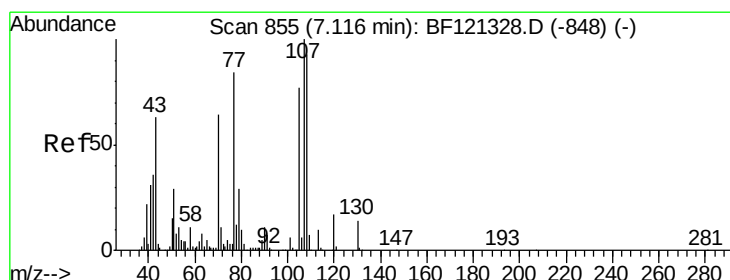
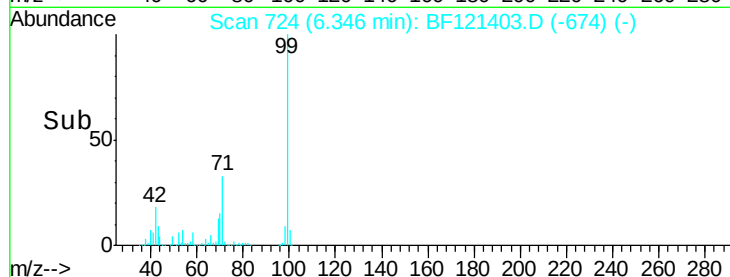
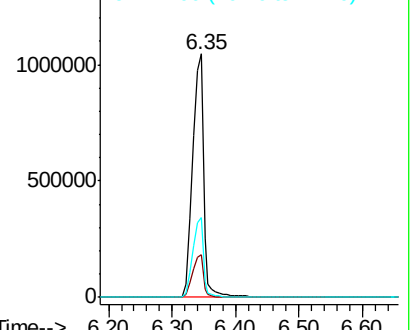


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 17.148 ng

RT: 7.26 min Scan# 880

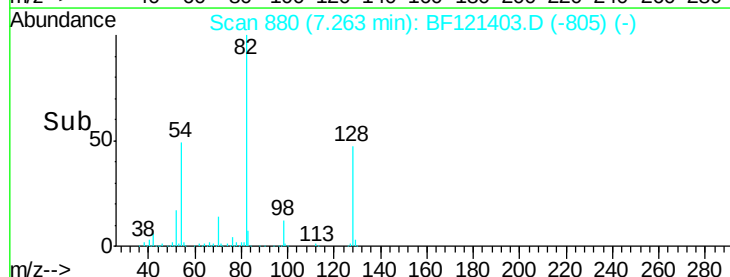
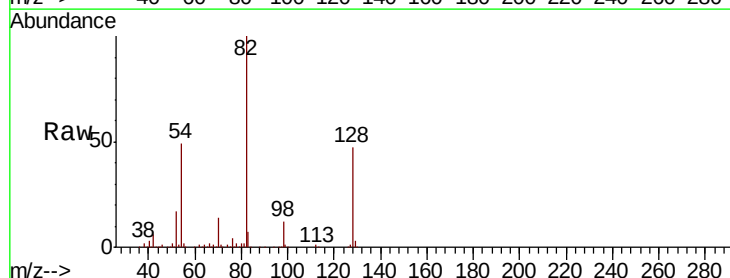
Delta R.T. 0.14 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Tgt Ion: 70 Resp: 116653

Ion	Ratio	Lower	Upper
70	100		
42	46.0	46.9	70.3#
101	0.0	7.7	11.5#
130	2.2	17.2	25.8#



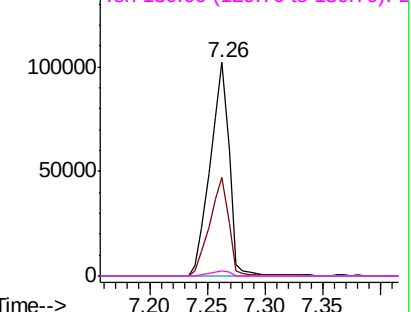
Abundance

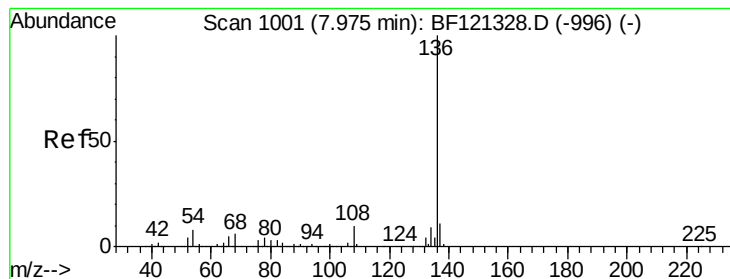
Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampleId :

PB131155BL

Tot Ion:136 Resp: 639388

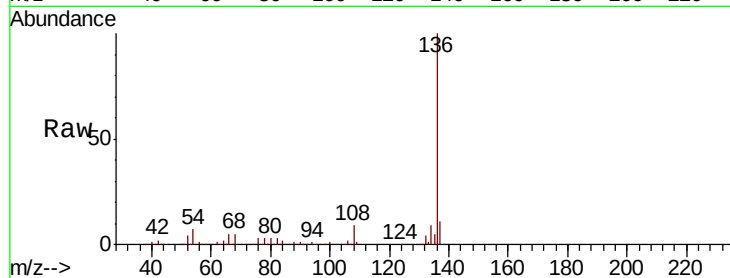
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 6.7 5.8 8.6

68 5.3 4.7 7.1

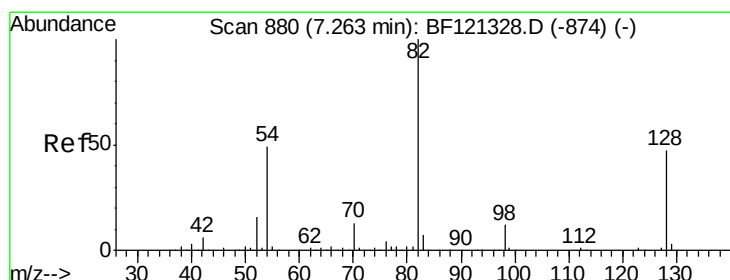
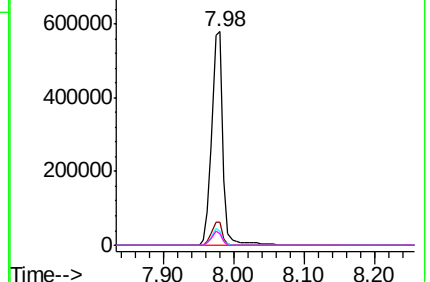
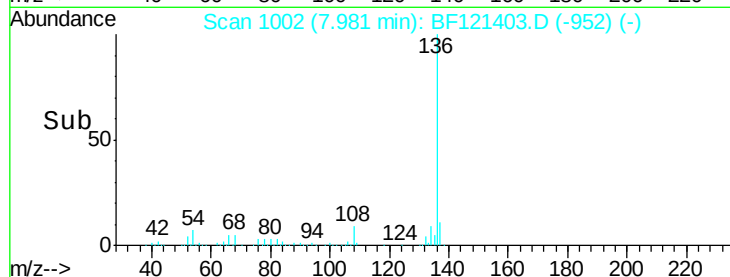


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.494 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

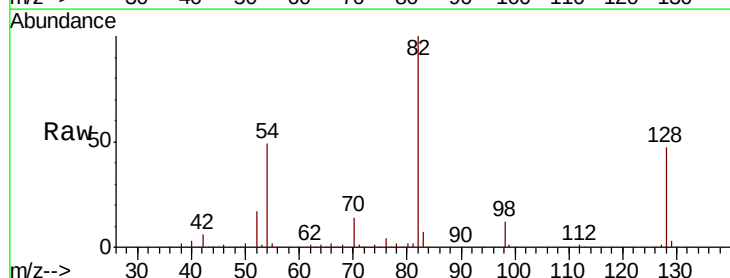
Tgt Ion: 82 Resp: 887402

Ion Ratio Lower Upper

82 100

128 46.9 38.4 57.6

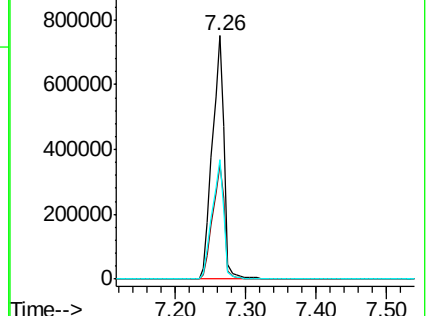
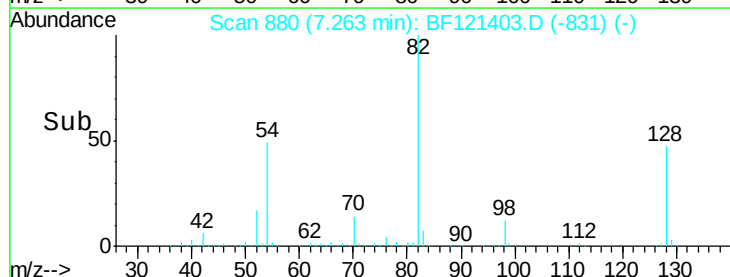
54 49.1 39.0 58.6

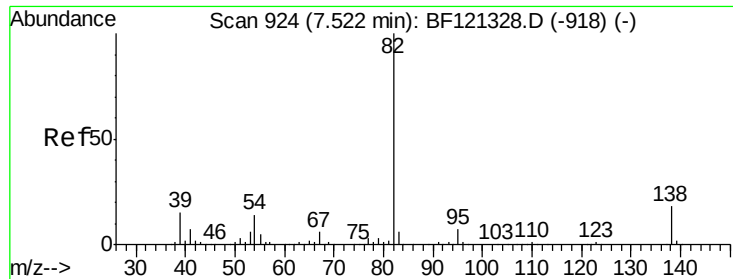


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

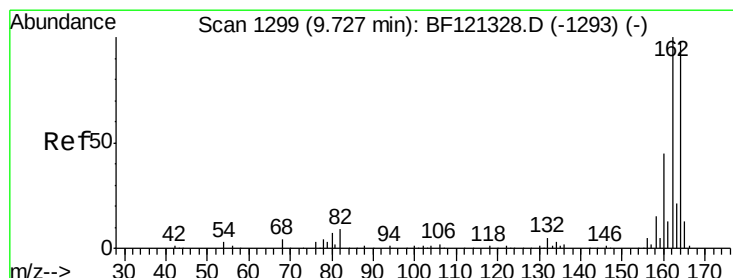
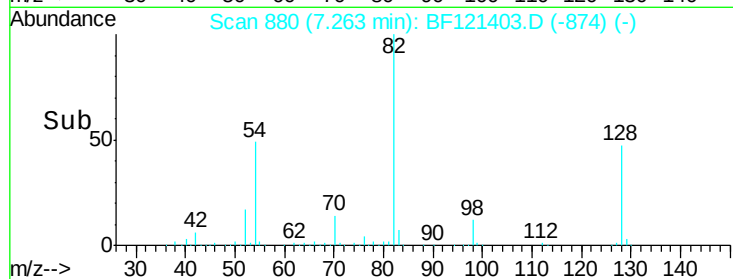
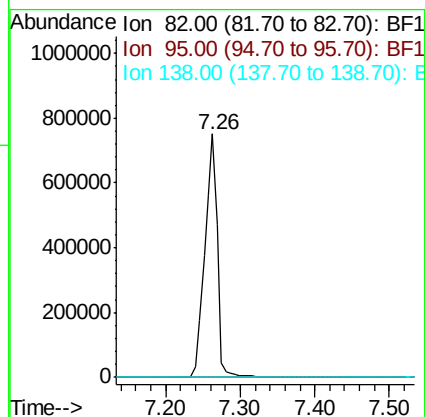
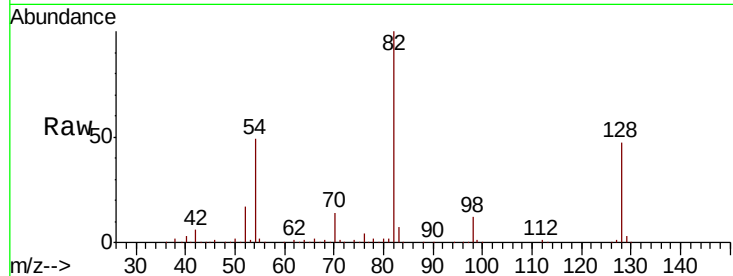




#25
Isophorone
Concen: 42.743 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF121403.D
Acq: 24 Aug 2020 17:13

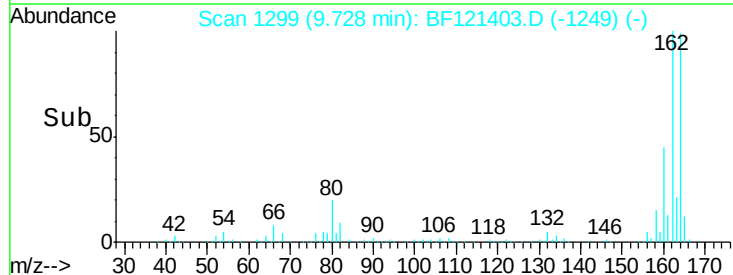
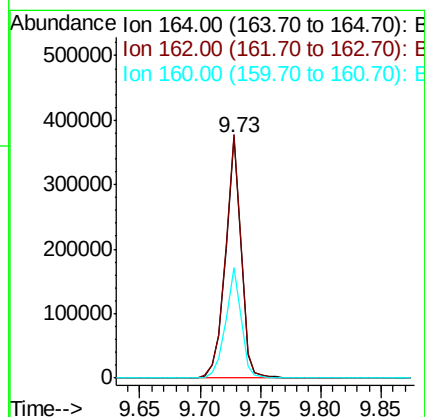
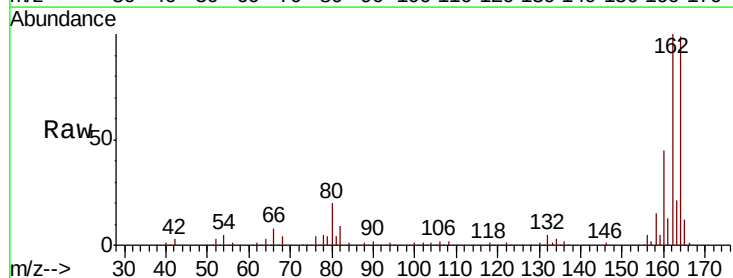
Instrument :
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ClientSampleId :
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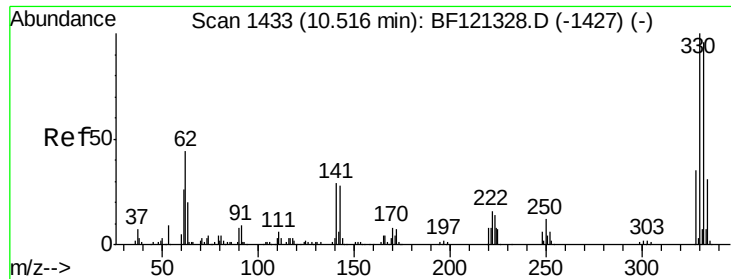
Tot Ion: 82 Resp: 879394
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF121403.D
Acq: 24 Aug 2020 17:13

Tgt Ion: 164 Resp: 332838
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 45.8 37.1 55.7

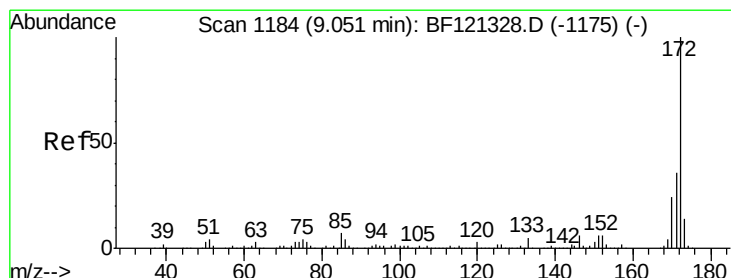
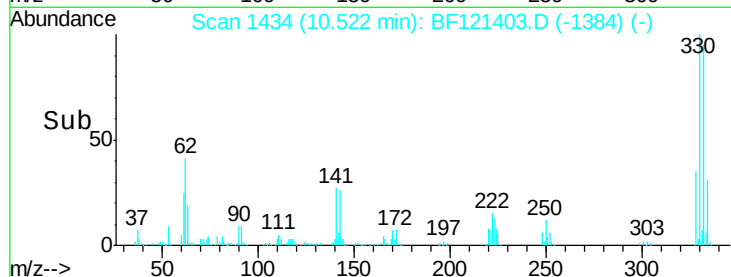
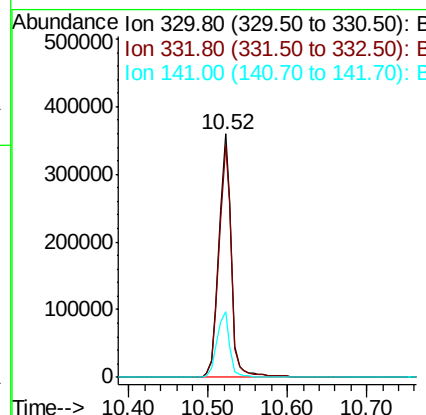
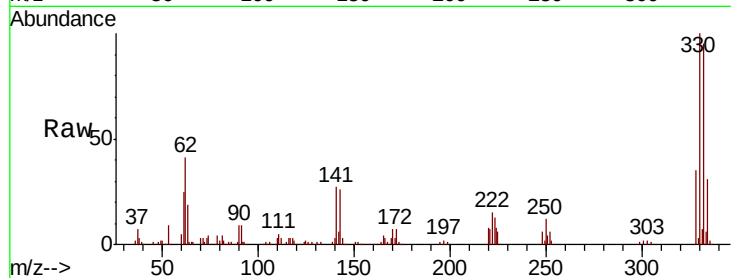




#42
 2,4,6-Tribromophenol
 Concen: 101.780 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF121403.D
 Acq: 24 Aug 2020 17:13

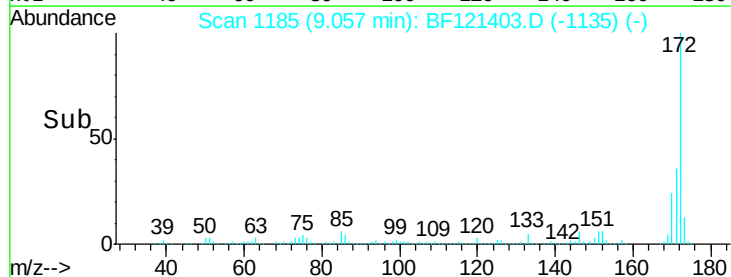
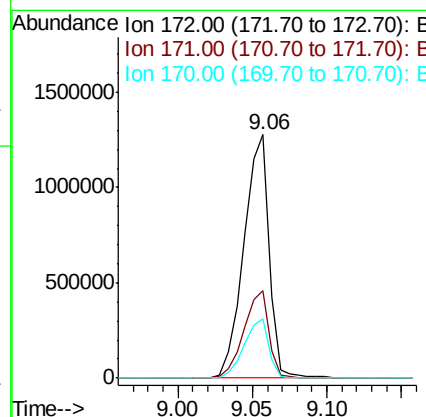
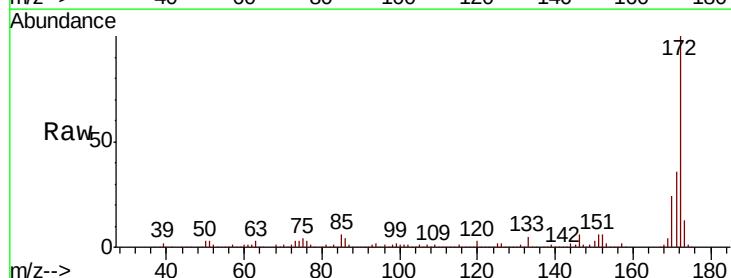
Instrument :
 BNA_F
 ClientSampleId :
 PB131155BL

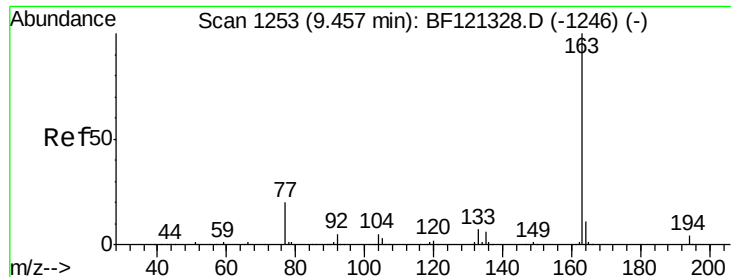
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.1	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 86.843 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF121403.D
 Acq: 24 Aug 2020 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.2	19.6	29.4





#50

Dimethylphthalate

Concen: 2.862 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.26 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampleId :

PB131155BL

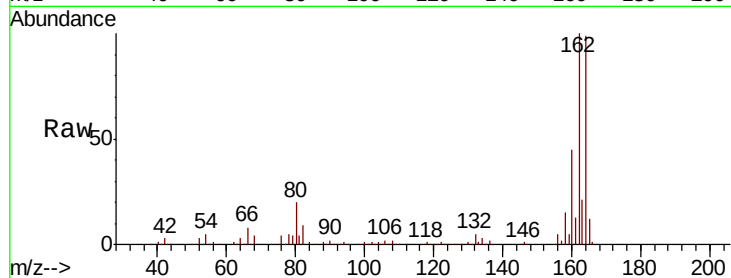
Tot Ion:163 Resp: 69299

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

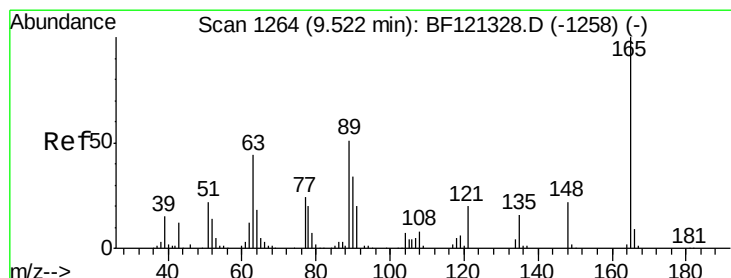
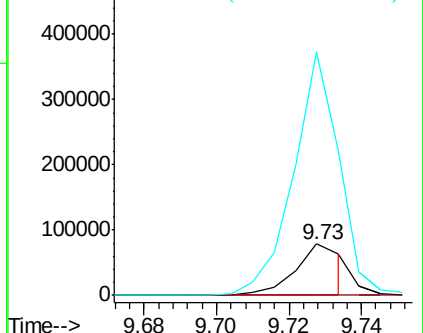
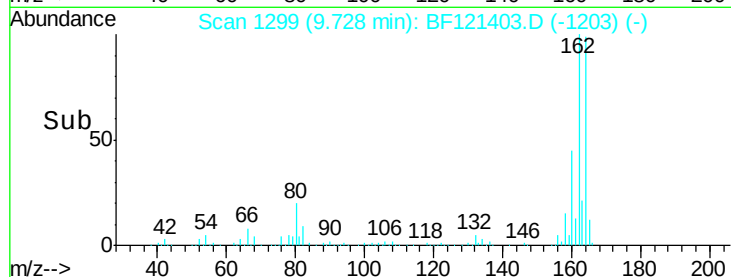
164 476.7 8.5 12.7#



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: 8.198 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.19 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

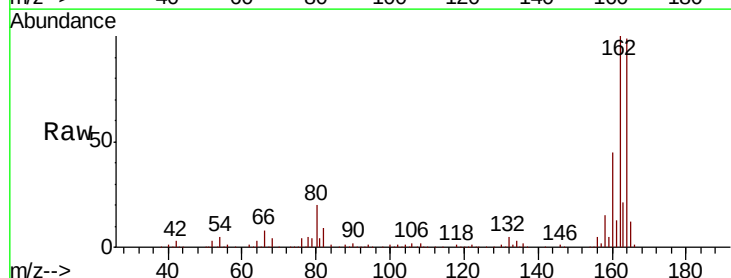
Tgt Ion:165 Resp: 42395

Ion Ratio Lower Upper

165 100

63 1.0 36.1 54.1#

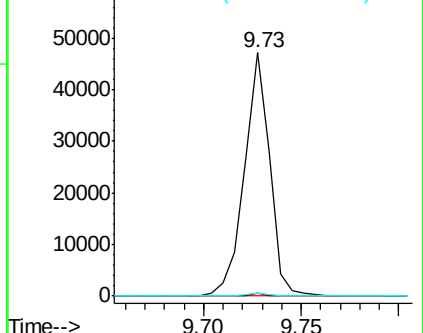
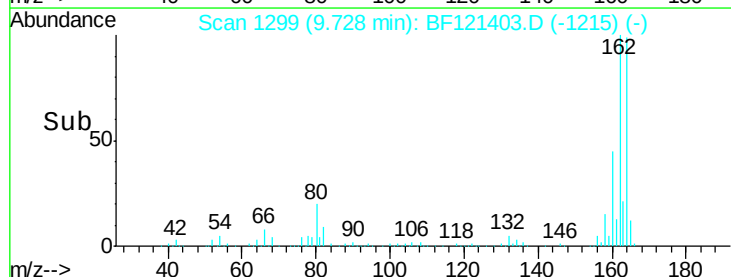
89 1.2 39.4 59.2#

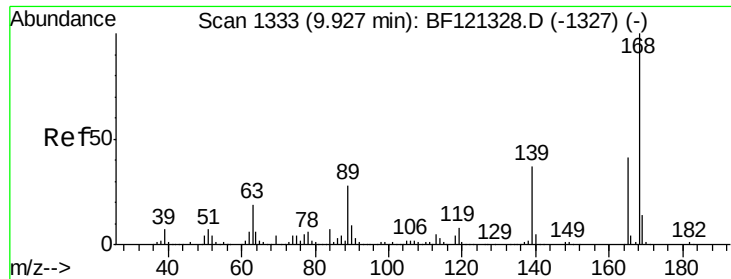


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

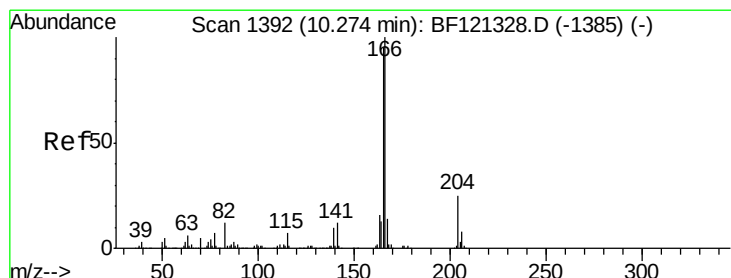
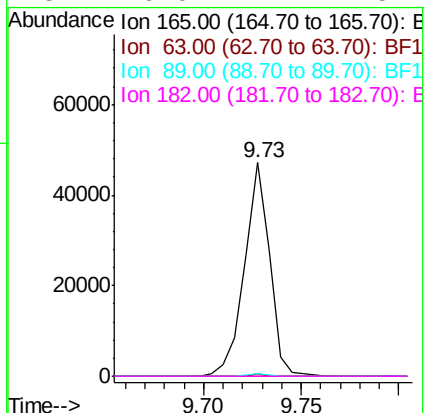
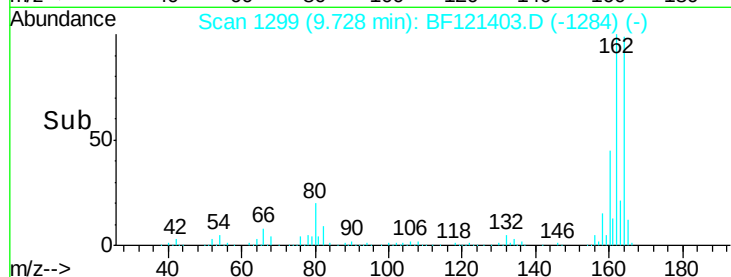
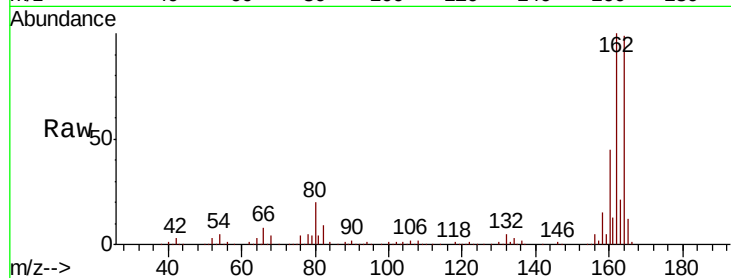




#57
2,4-Dinitrotoluene
Concen: 6.720 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF121403.D
Acq: 24 Aug 2020 17:13

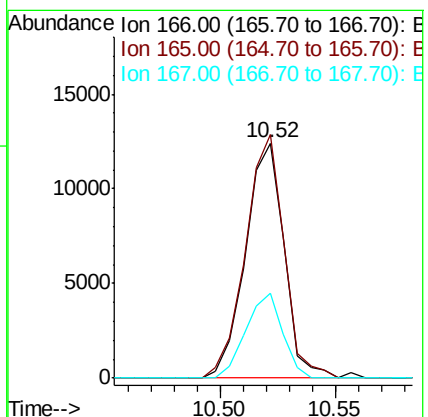
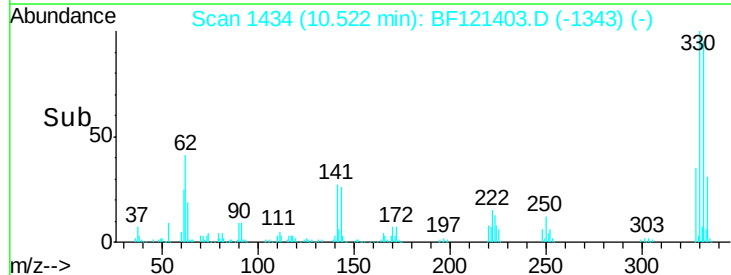
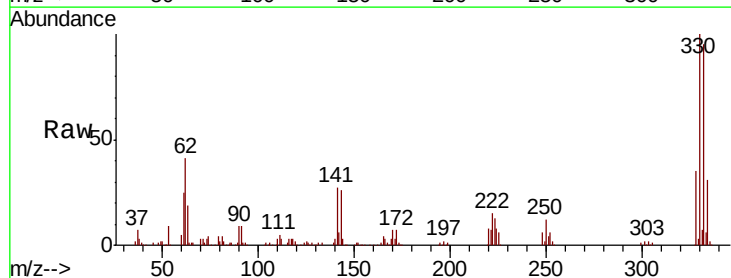
Instrument :
BNA_F
ClientSampleId :
PB131155BL

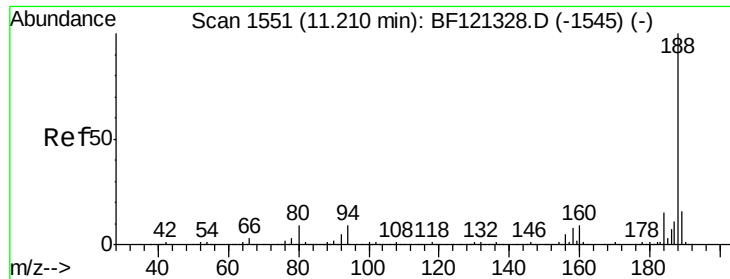
Tot Ion:165 Resp: 42395
Ion Ratio Lower Upper
165 100
63 1.0 45.0 67.6#
89 1.2 60.2 90.2#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.52 min Scan# 1434
Delta R.T. 0.24 min
Lab File: BF121403.D
Acq: 24 Aug 2020 17:13

Tgt Ion:166 Resp: 14512
Ion Ratio Lower Upper
166 100
165 103.6 75.0 112.6
167 35.9 10.8 16.2#

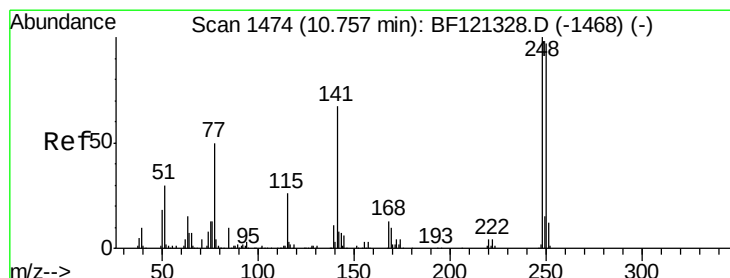
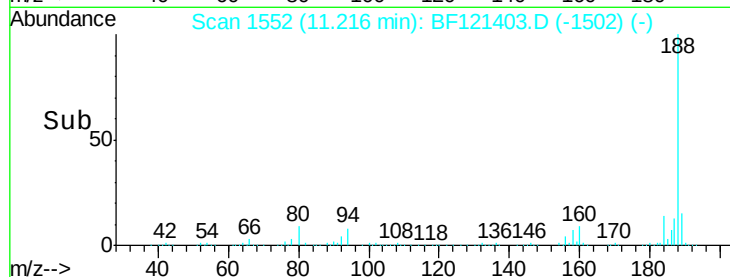
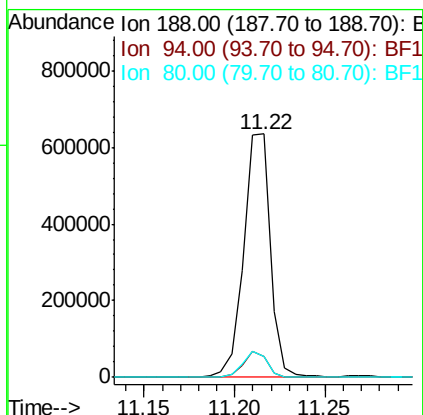
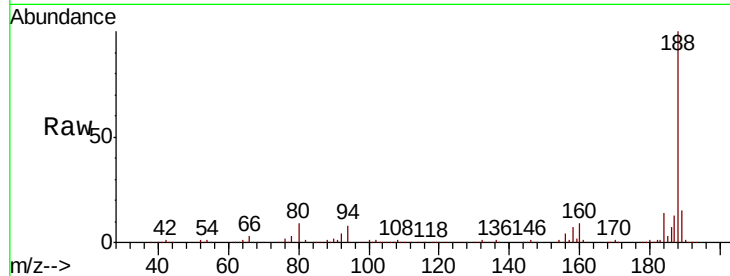




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF121403.D
 Acq: 24 Aug 2020 17:13

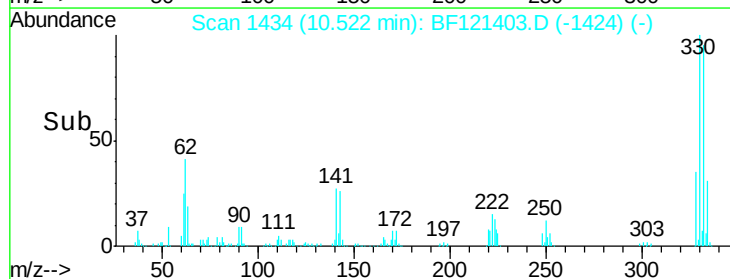
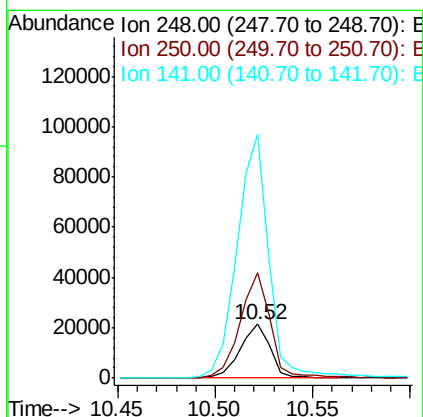
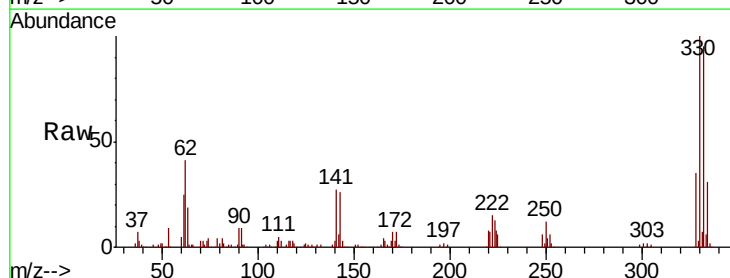
Instrument :
 BNA_F
 ClientSampleId :
 PB131155BL

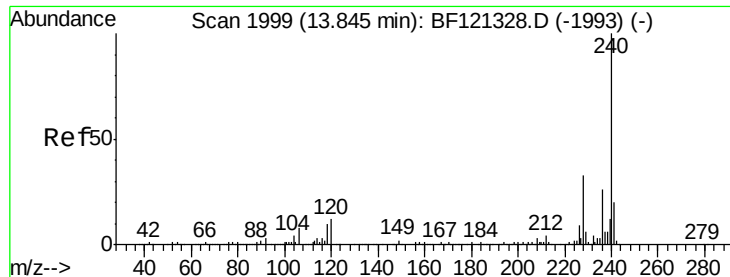
Tot Ion:188 Resp: 649269
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.1 10.7
 80 8.8 7.1 10.7



#67
 4-Bromophenyl-phenylether
 Concen: 3.189 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF121403.D
 Acq: 24 Aug 2020 17:13

Tgt Ion:248 Resp: 22970
 Ion Ratio Lower Upper
 248 100
 250 195.1 77.0 115.6#
 141 450.2 57.4 86.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

Instrument :

BNA_F

ClientSampleId :

PB131155BL

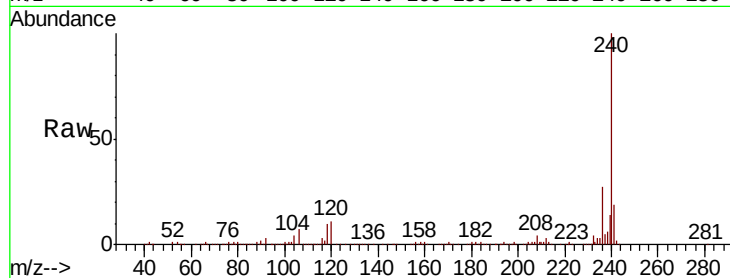
Tot Ion:240 Resp: 542449

Ion Ratio Lower Upper

240 100

120 11.1 8.7 13.1

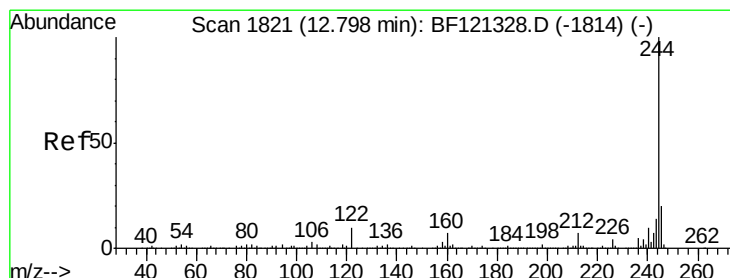
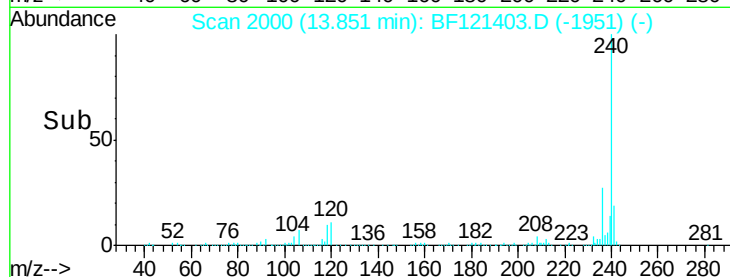
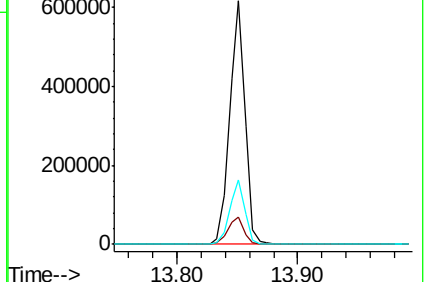
236 26.6 21.0 31.4



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: 56.986 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121403.D

Acq: 24 Aug 2020 17:13

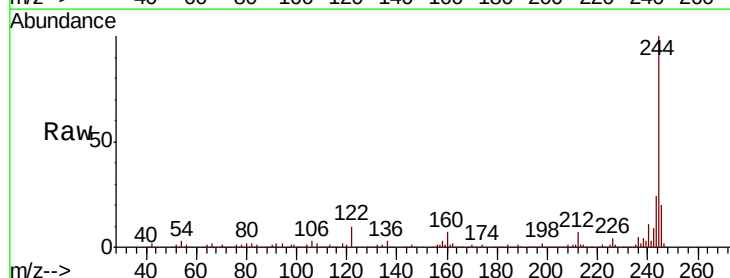
Tgt Ion:244 Resp: 1581851

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

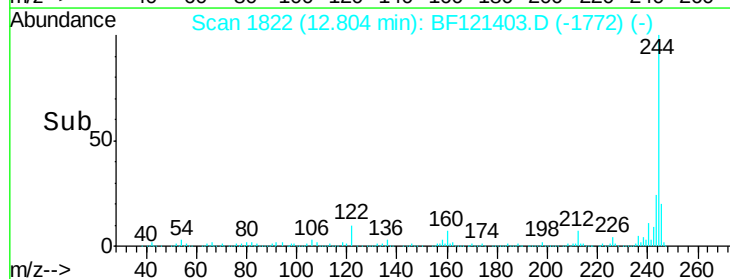
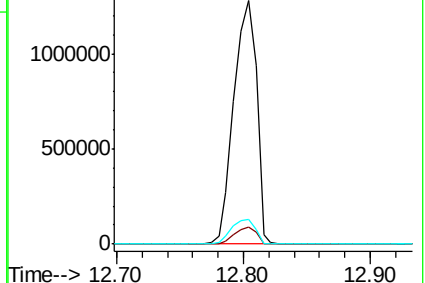
122 9.9 7.7 11.5

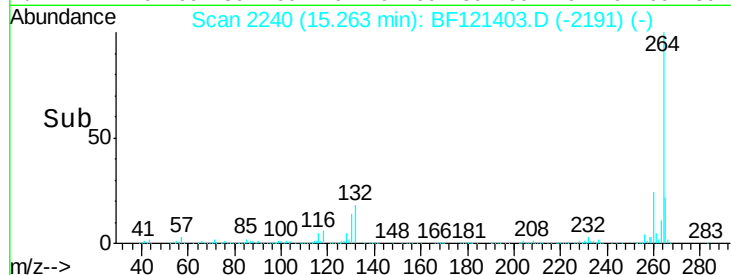
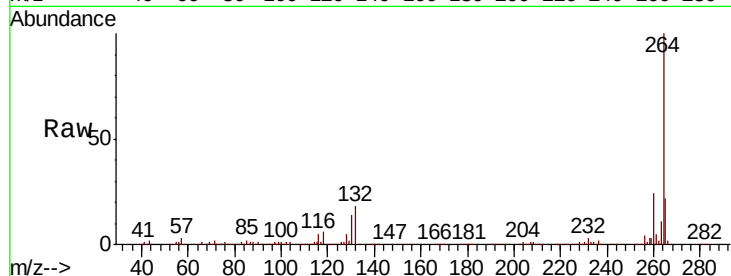
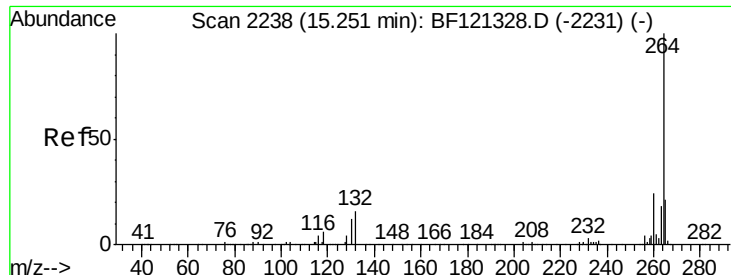


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BF121403.D
 Acq: 24 Aug 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BL

Tot Ion:	264	Resp:	520180
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.1	17.3	25.9

