

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124612.D
 Acq On : 19 Jul 2021 14:11
 Operator : JU/CG
 Sample : PB137725BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137725BL

Quant Time: Jul 19 15:12:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 11:33:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

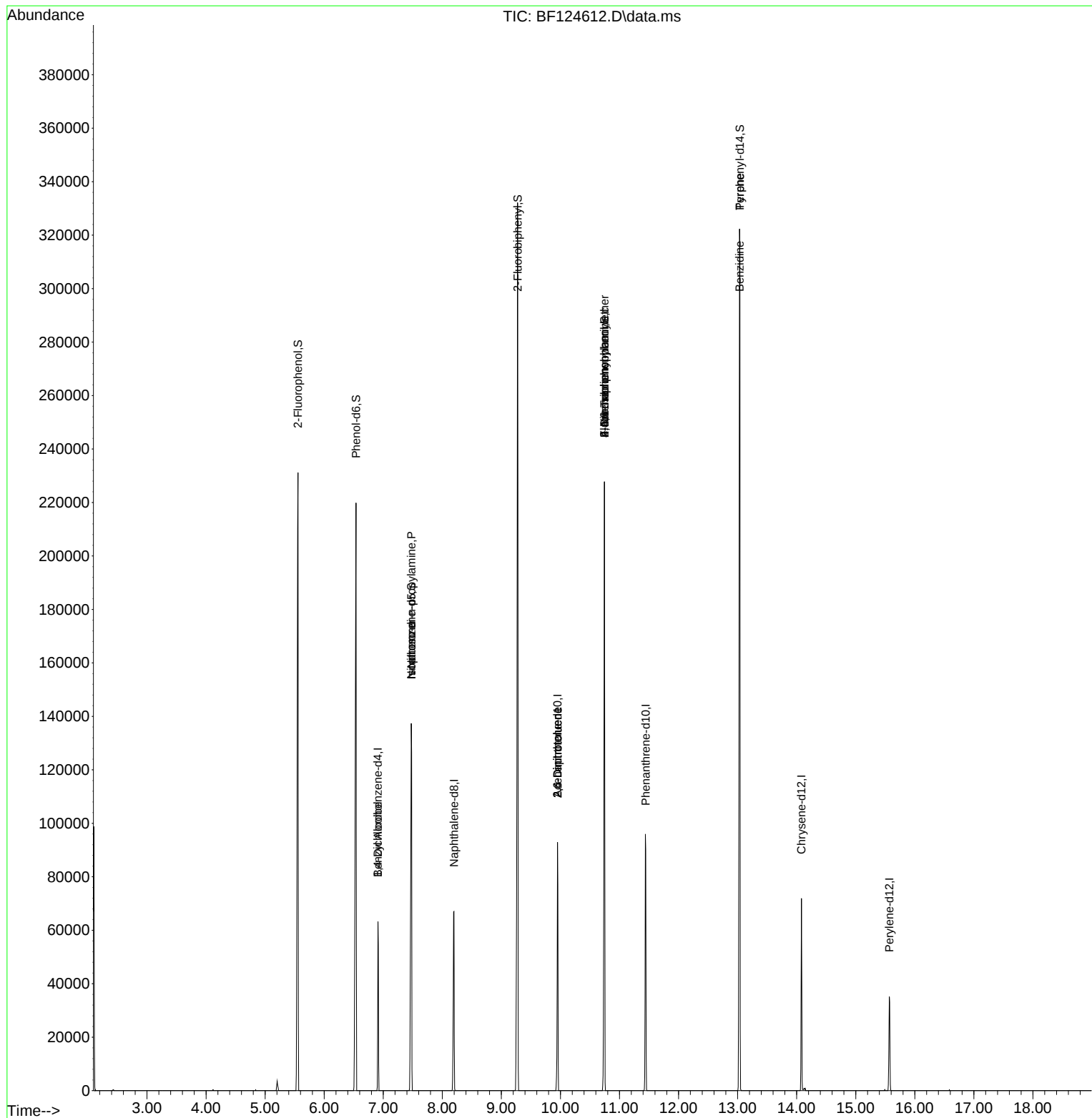
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	10015	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	39727	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	21594	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	38442	20.000	ng	0.00
76) Chrysene-d12	14.080	240	24435	20.000	ng	0.00
86) Perylene-d12	15.568	264	18202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	75885	131.279	ng	0.02
7) Phenol-d6	6.539	99	84924	120.770	ng	0.00
23) Nitrobenzene-d5	7.475	82	54973	87.353	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	22799	135.675	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	127403	86.035	ng	0.00
79) Terphenyl-d14	13.039	244	133227	91.555	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.910	79	128	0.263	ng	# 15
19) n-Nitroso-di-n-propyla...	7.475	70	7391	18.695	ng	# 83
25) Isophorone	7.475	82	53361	46.189	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	2518	8.502	ng	# 26
57) 2,4-Dinitrotoluene	9.951	165	2518	6.210	ng	# 18
58) Fluorene	10.745	166	1159	0.794	ng	# 94
66) n-Nitrosodiphenylamine	10.745	169	894	0.714	ng	# 45
67) 4-Bromophenyl-phenylether	10.745	248	1851	4.657	ng	# 1
77) Benzidine	13.033	184	2201	2.409	ng	# 85
78) Pyrene	13.039	202	276	0.136	ng	# 59

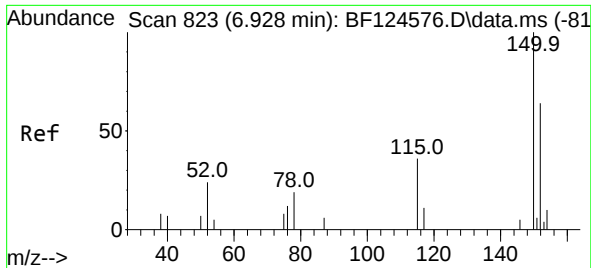
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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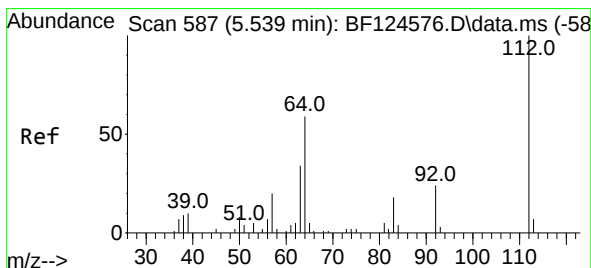
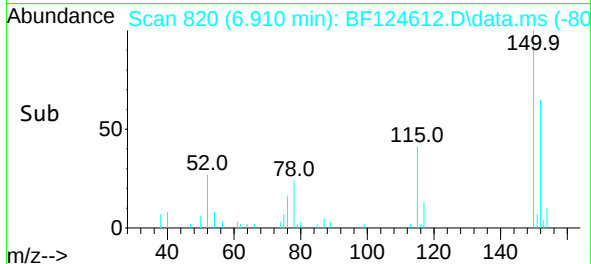
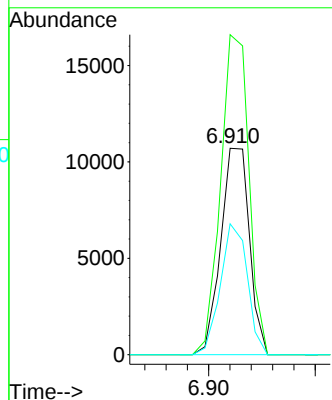
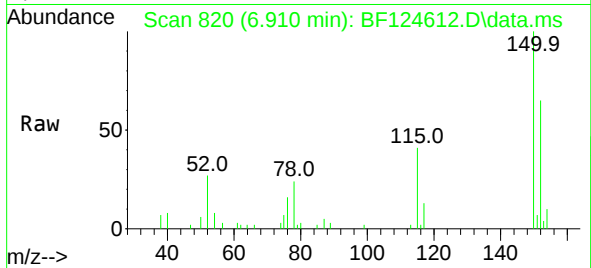




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

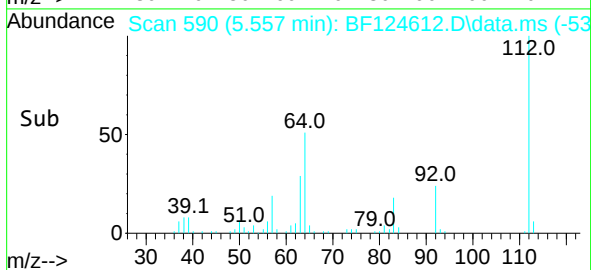
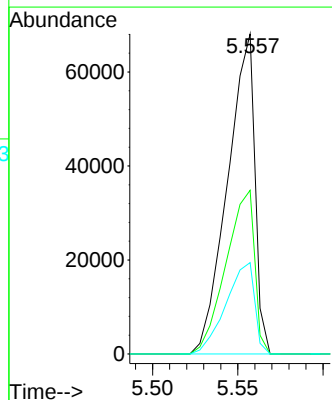
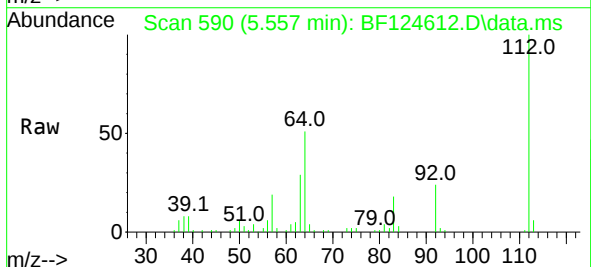
Instrument :
BNA_F
ClientSampleId :
PB137725BL

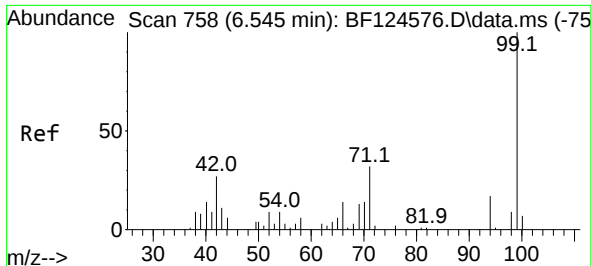
Tgt Ion:152 Resp: 10015
Ion Ratio Lower Upper
152 100
150 155.0 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 131.279 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.024 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion:112 Resp: 75885
Ion Ratio Lower Upper
112 100
64 51.2 44.2 66.2
63 28.6 26.2 39.2

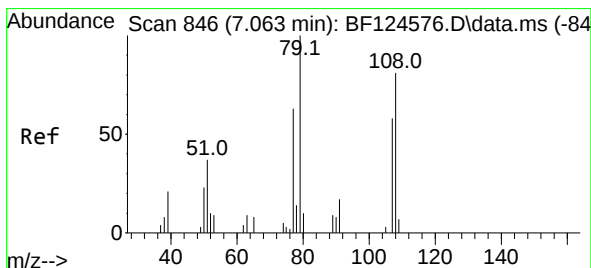
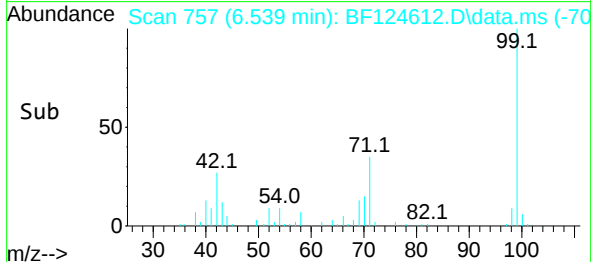
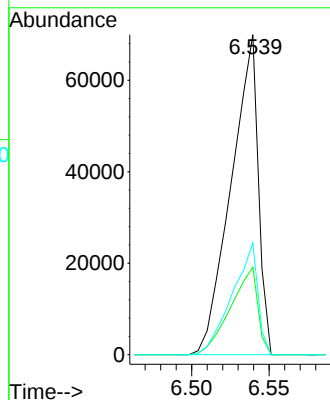
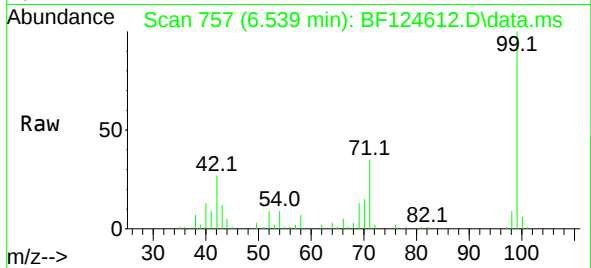




#7
Phenol-d6
Concen: 120.770 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

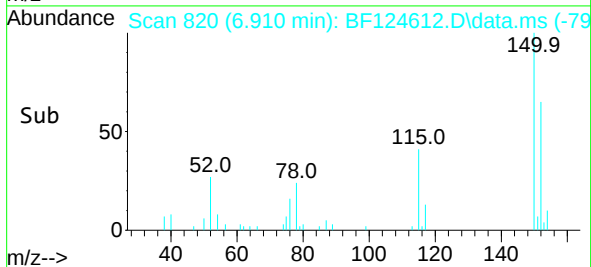
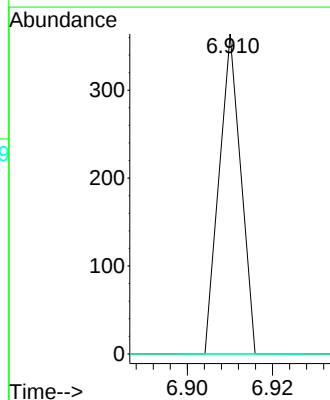
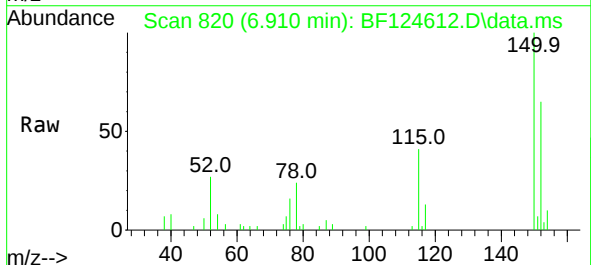
Instrument :
BNA_F
ClientSampleId :
PB137725BL

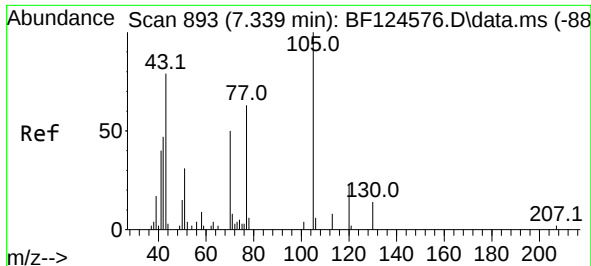
Tgt Ion:	99	Resp:	84924
Ion	Ratio	Lower	Upper
99	100		
42	27.3	23.5	35.3
71	35.0	25.6	38.4



#15
Benzyl Alcohol
Concen: 0.263 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.147 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion:	79	Resp:	128
Ion	Ratio	Lower	Upper
79	100		
108	0.0	60.4	90.6#
77	0.0	51.5	77.3#

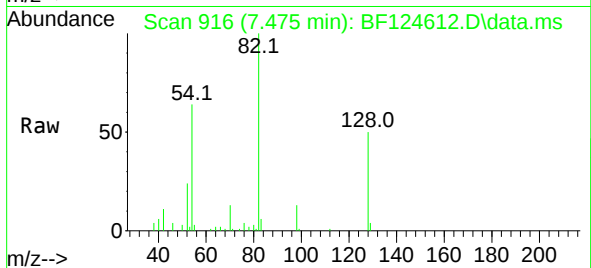




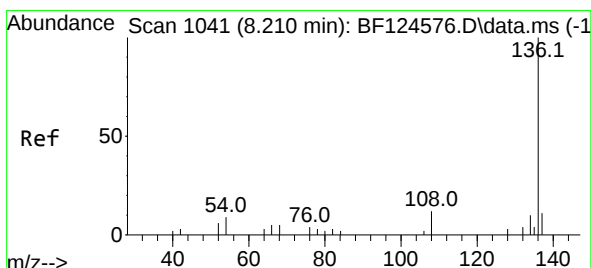
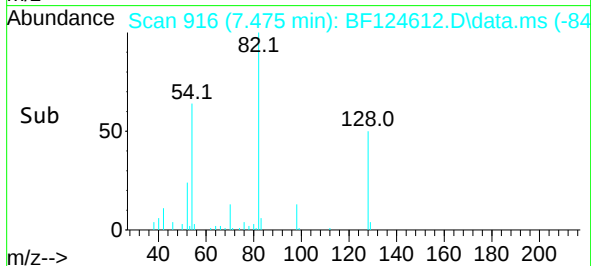
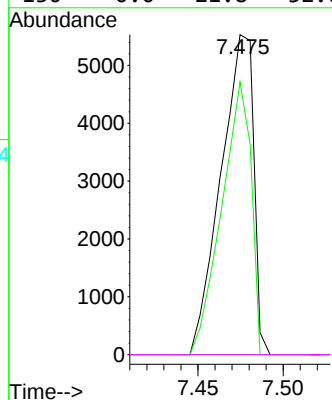
#19

n-Nitroso-di-n-propylamine
 Concen: 18.695 ng
 RT: 7.475 min Scan# 916
 Delta R.T. 0.141 min
 Lab File: BF124612.D
 Acq: 19 Jul 2021 14:11

Instrument :
 BNA_F
 ClientSampleId :
 PB137725BL



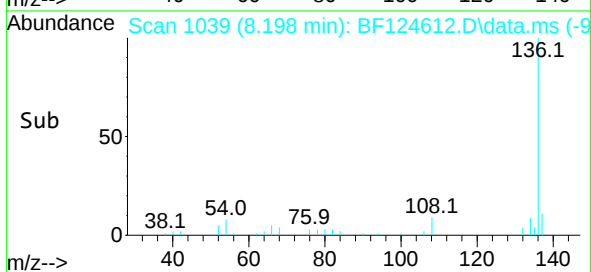
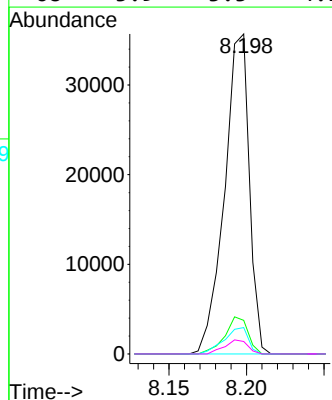
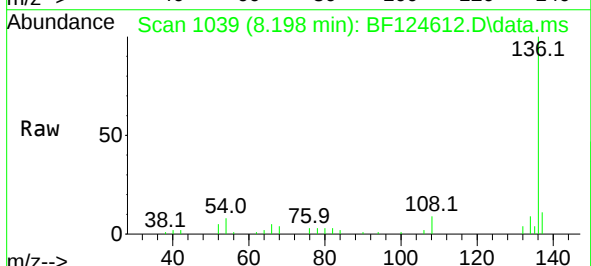
Tgt Ion:	70	Resp:	7391
Ion	Ratio	Lower	Upper
70	100		
42	85.2	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

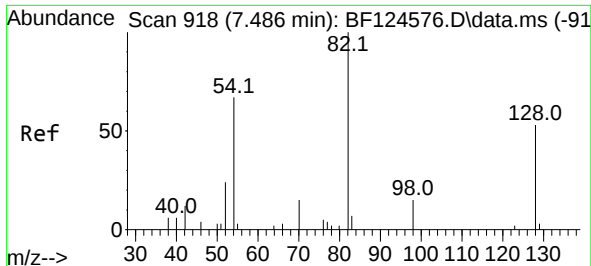


#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.198 min Scan# 1039
 Delta R.T. -0.006 min
 Lab File: BF124612.D
 Acq: 19 Jul 2021 14:11

Tgt Ion:	136	Resp:	39727
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	8.2	6.4	9.6
68	3.9	3.3	4.9

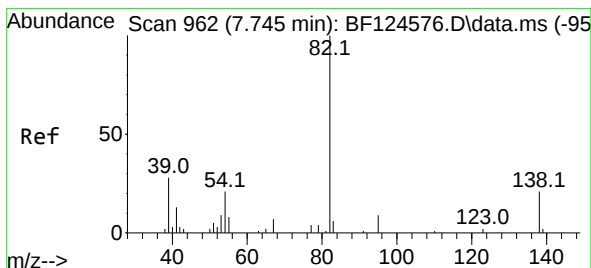
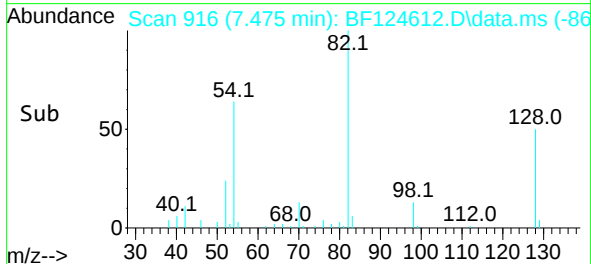
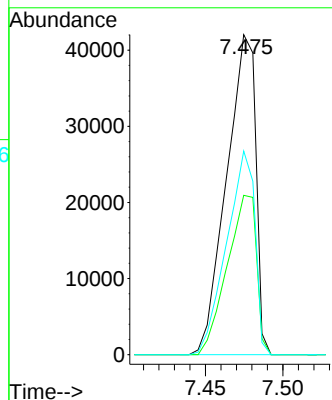
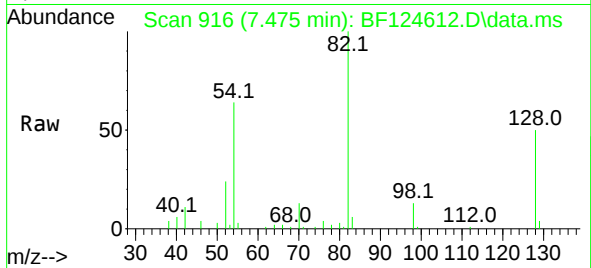




#23
Nitrobenzene-d5
Concen: 87.353 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

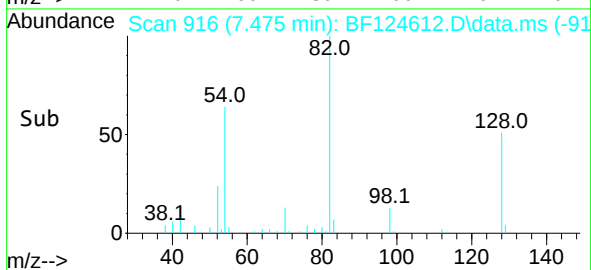
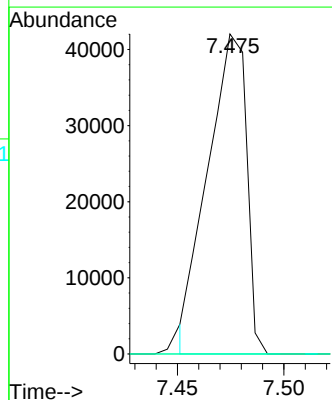
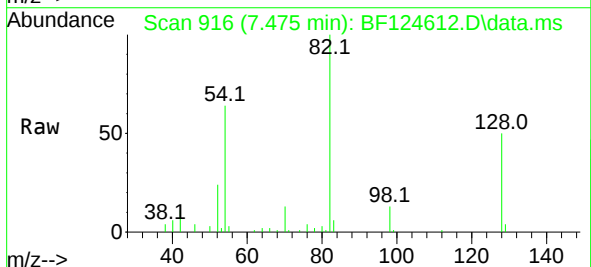
Instrument :
BNA_F
ClientSampleId :
PB137725BL

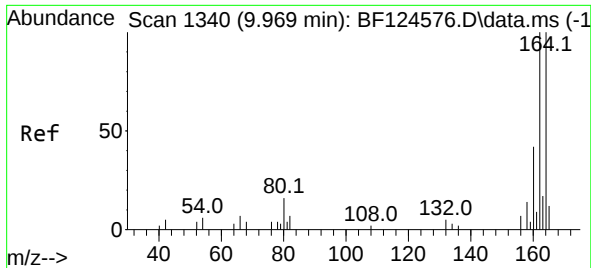
Tgt Ion: 82 Resp: 54973
Ion Ratio Lower Upper
82 100
128 49.8 40.6 60.8
54 63.7 49.6 74.4



#25
Isophorone
Concen: 46.189 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.271 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion: 82 Resp: 53361
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

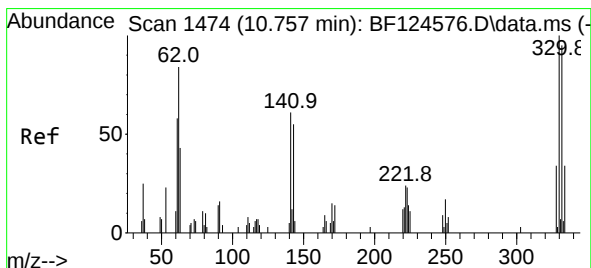
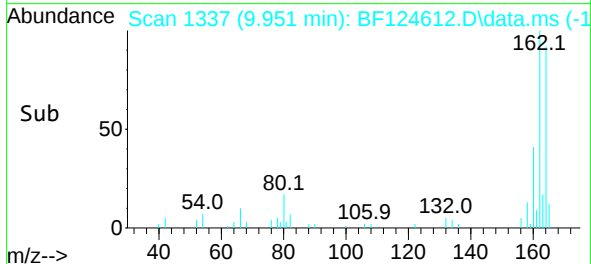
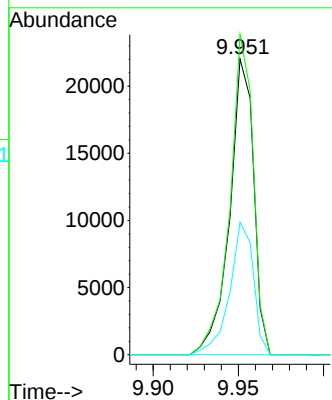
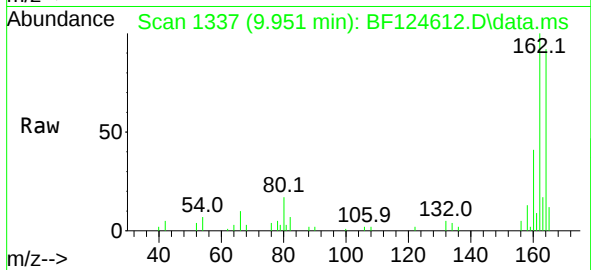




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

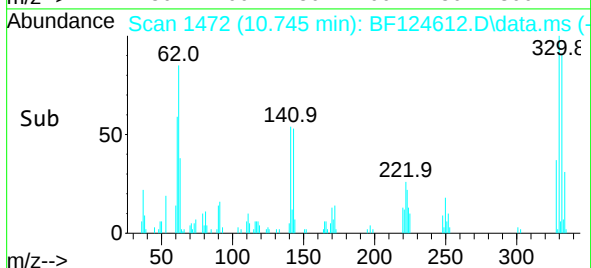
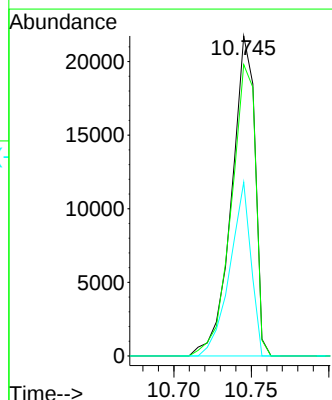
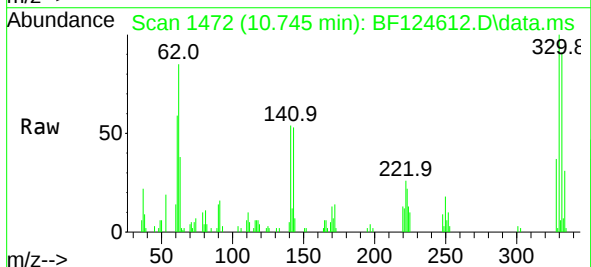
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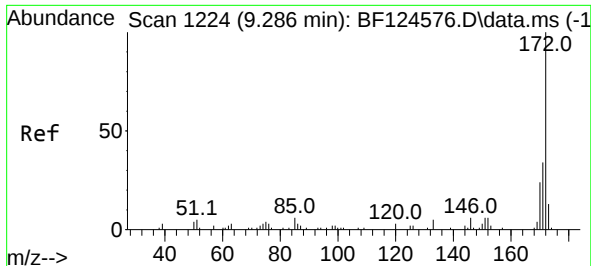
Tgt Ion:164 Resp: 21594
Ion Ratio Lower Upper
164 100
162 108.2 81.3 121.9
160 44.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 135.675 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion:330 Resp: 22799
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 48.9 44.6 66.8

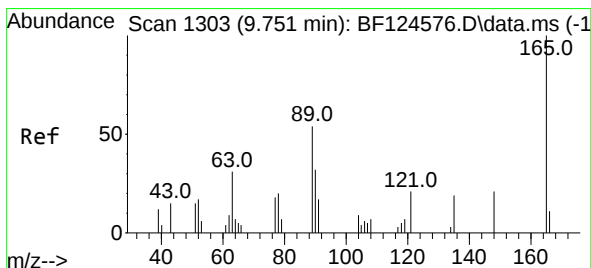
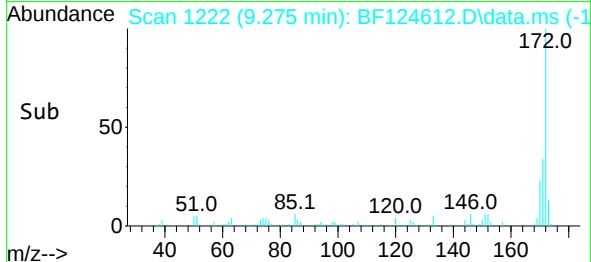
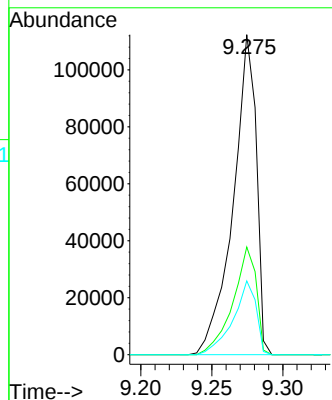
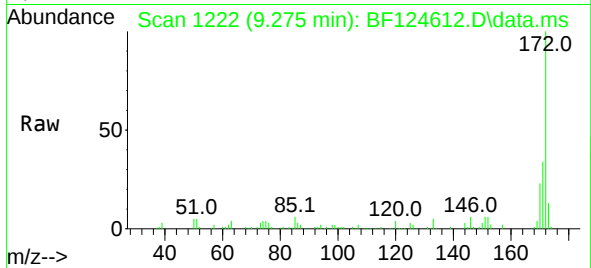




#45
2-Fluorobiphenyl
Concen: 86.035 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

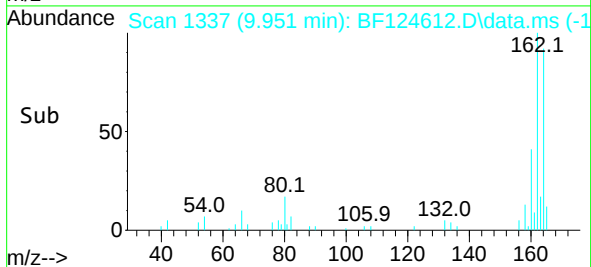
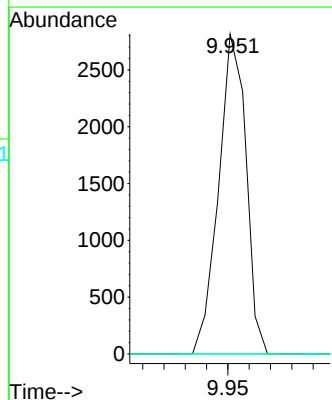
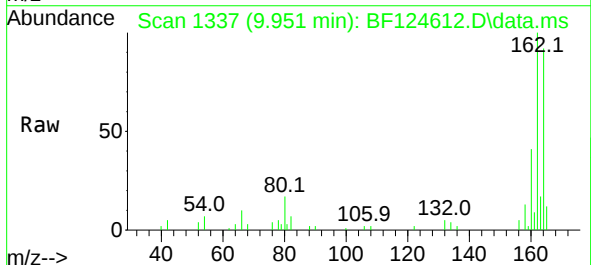
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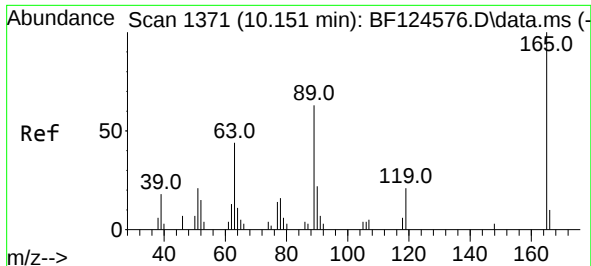
Tgt Ion:172 Resp: 127403
Ion Ratio Lower Upper
172 100
171 33.6 26.5 39.7
170 23.1 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.502 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.206 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

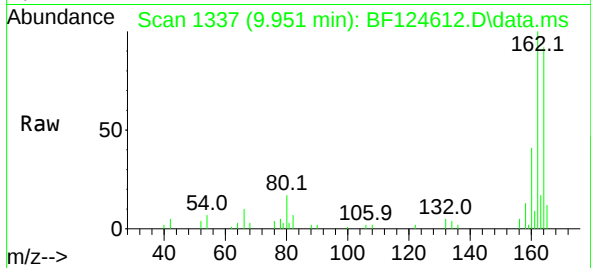
Tgt Ion:165 Resp: 2518
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



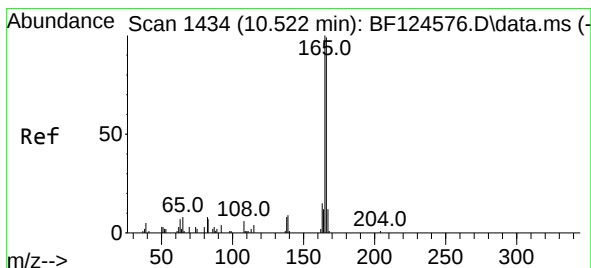
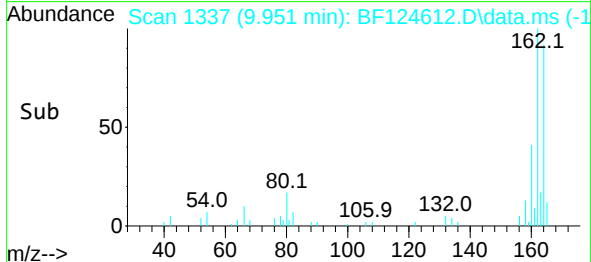
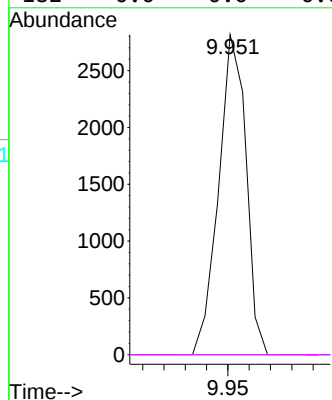


#57
2,4-Dinitrotoluene
Concen: 6.210 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.194 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Instrument :
BNA_F
ClientSampleId :
PB137725BL

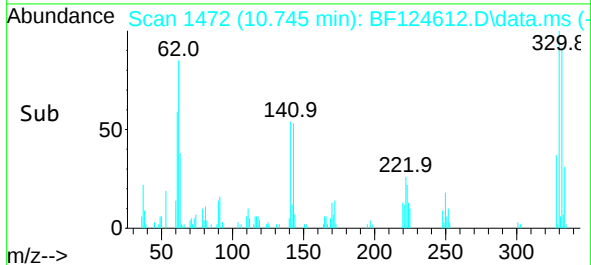
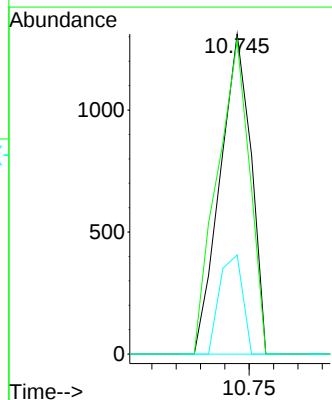
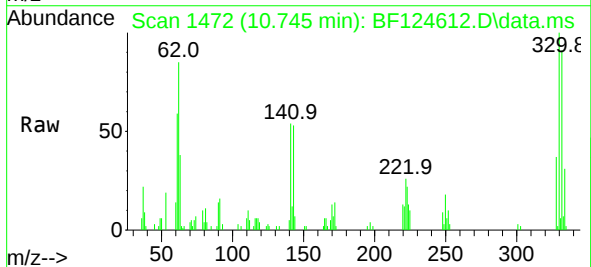


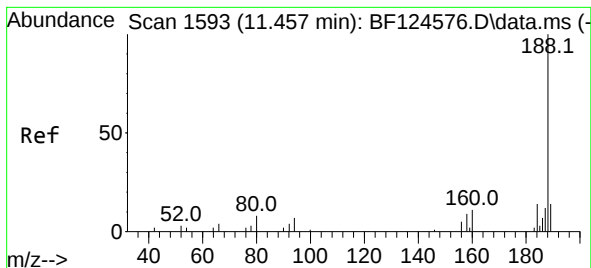
Tgt Ion:165 Resp: 2518
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#58
Fluorene
Concen: 0.794 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.235 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion:166 Resp: 1159
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 30.9 11.1 16.7#

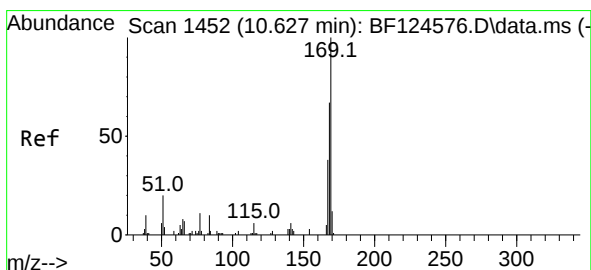
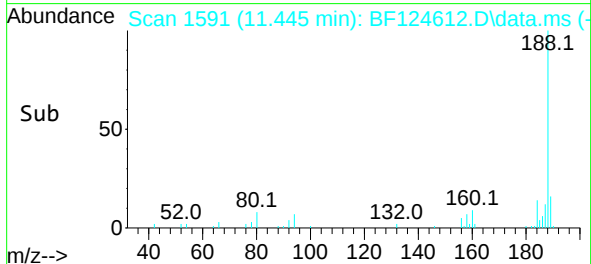
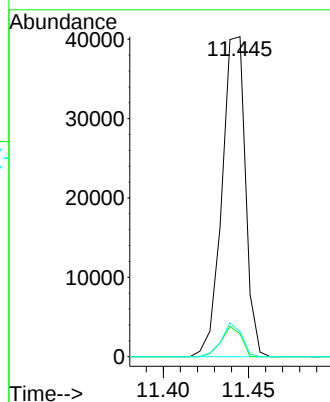
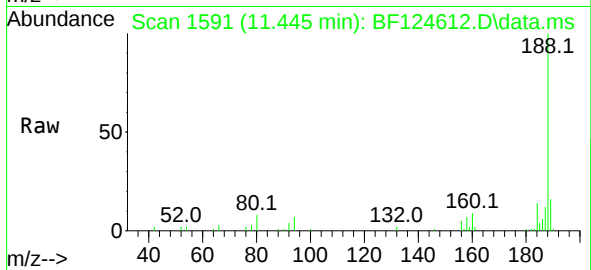




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

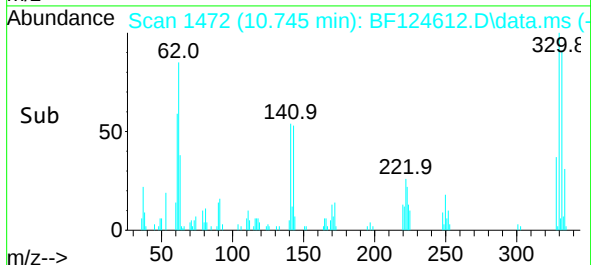
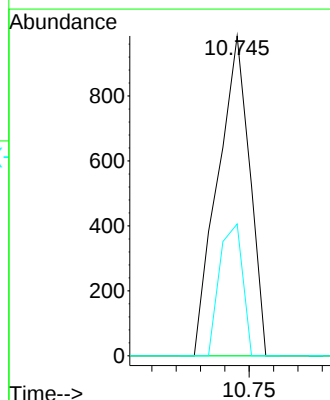
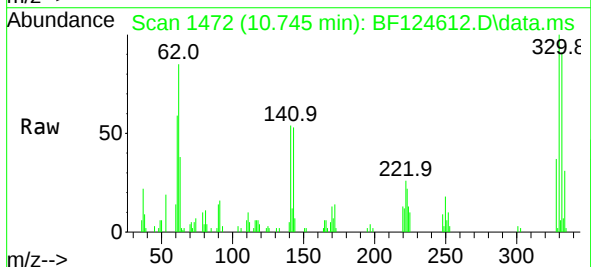
Instrument :
BNA_F
ClientSampleId :
PB137725BL

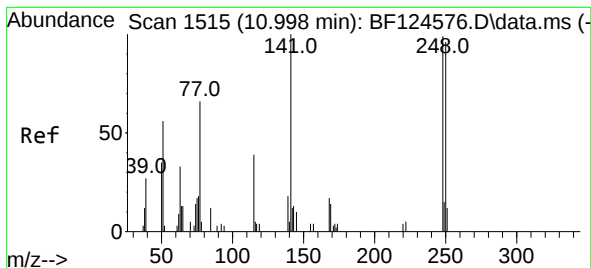
Tgt Ion:188 Resp: 38442
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 7.8 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 0.714 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.124 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion:169 Resp: 894
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 41.2 28.8 43.2

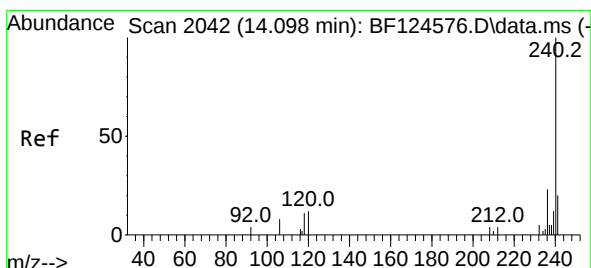
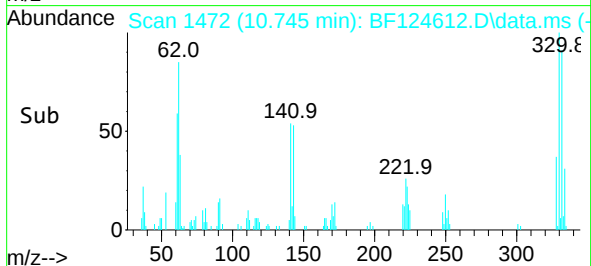
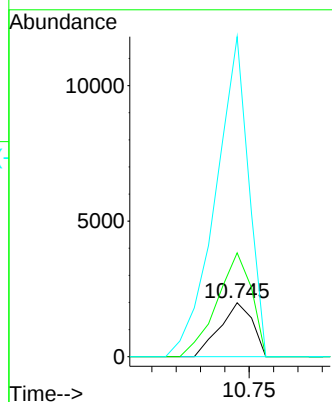
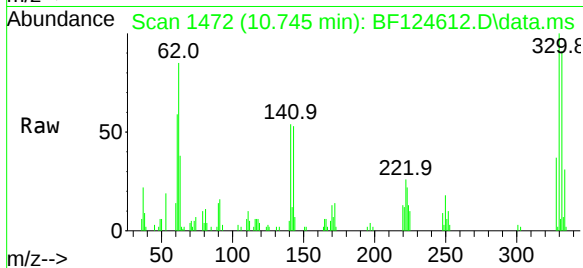




#67
4-Bromophenyl-phenylether
Concen: 4.657 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

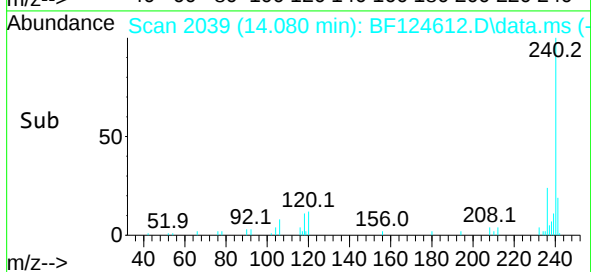
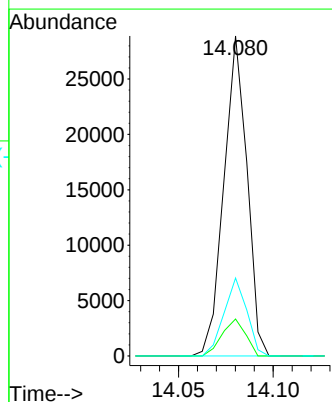
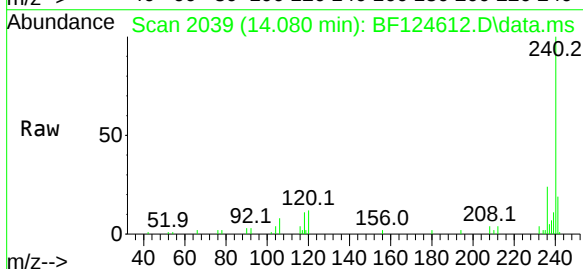
Instrument :
BNA_F
ClientSampleId :
PB137725BL

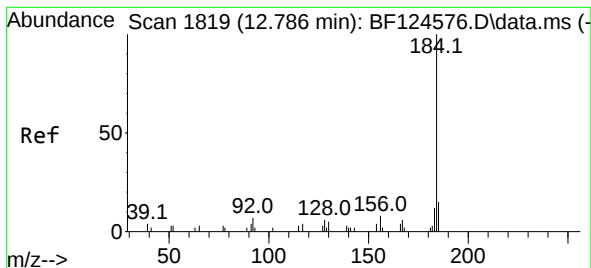
Tgt Ion:248 Resp: 1851
Ion Ratio Lower Upper
248 100
250 192.7 74.2 111.4#
141 593.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion:240 Resp: 24435
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 24.4 21.6 32.4





#77

Benzidine

Concen: 2.409 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.259 min

Lab File: BF124612.D

Acq: 19 Jul 2021 14:11

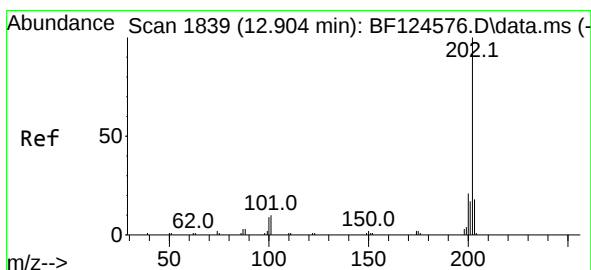
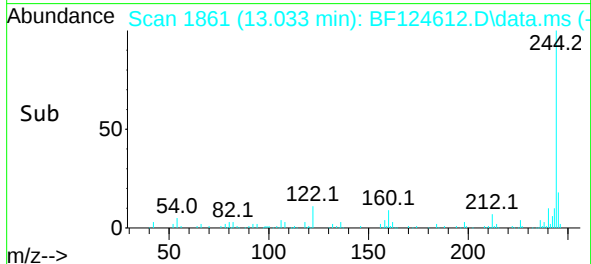
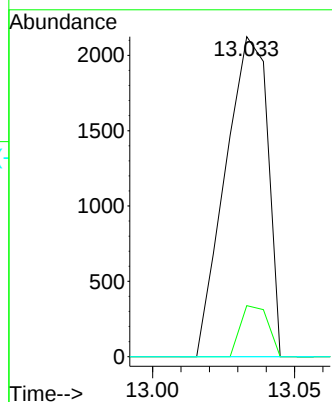
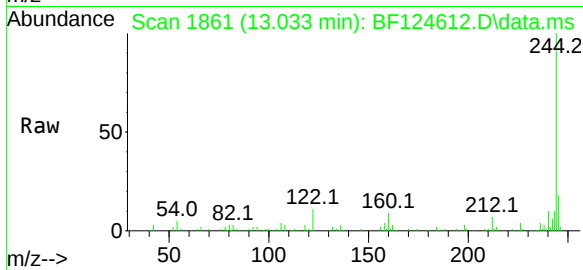
Tgt Ion:184 Resp: 2201

Ion Ratio Lower Upper

184 100

185 16.0 10.8 16.2

183 0.0 8.1 12.1#



#78

Pyrene

Concen: 0.136 ng

RT: 13.039 min Scan# 1862

Delta R.T. 0.147 min

Lab File: BF124612.D

Acq: 19 Jul 2021 14:11

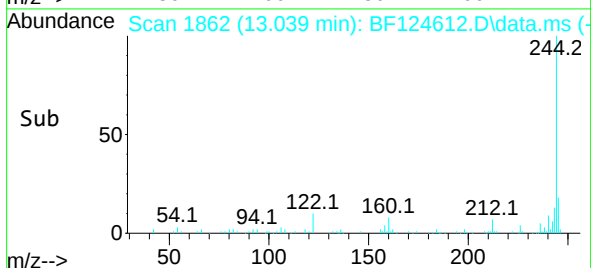
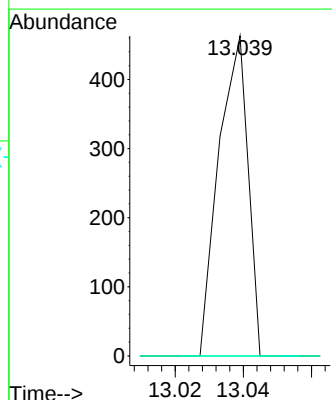
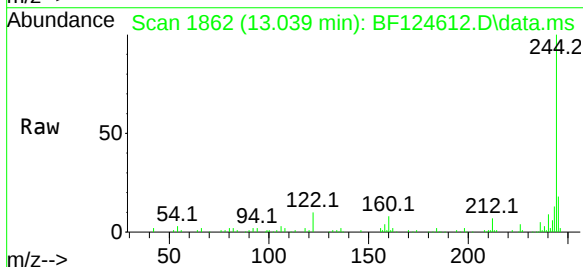
Tgt Ion:202 Resp: 276

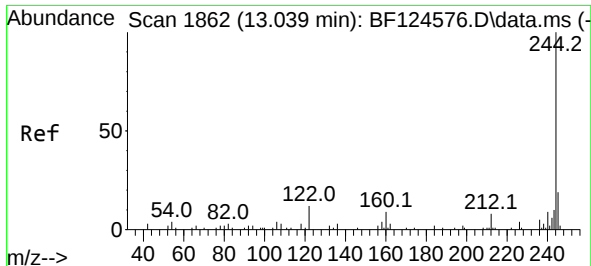
Ion Ratio Lower Upper

202 100

200 0.0 15.3 22.9#

203 0.0 13.4 20.0#

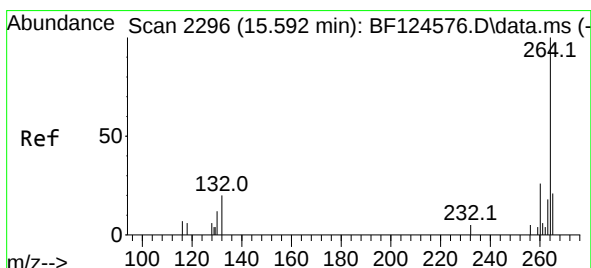
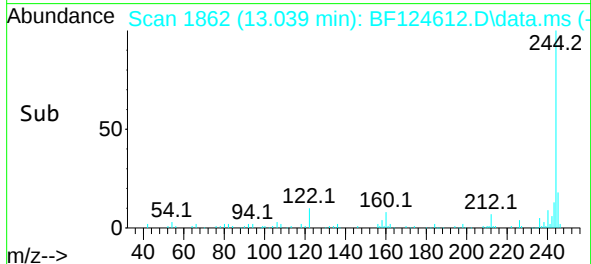
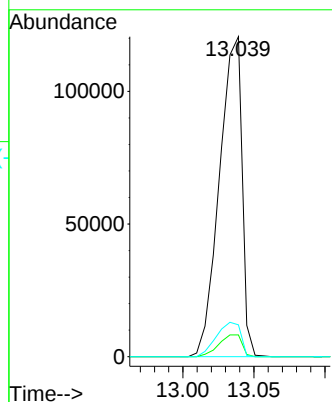
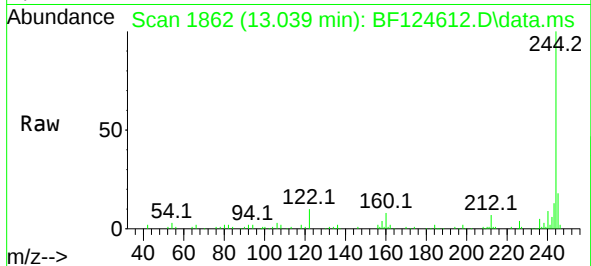




#79
Terphenyl-d14
Concen: 91.555 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Instrument :
BNA_F
ClientSampleId :
PB137725BL

Tgt Ion:244 Resp: 133227
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.9 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF124612.D
Acq: 19 Jul 2021 14:11

Tgt Ion:264 Resp: 18202
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 21.2 17.2 25.8

