

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124615.D
 Acq On : 19 Jul 2021 15:51
 Operator : JU/CG
 Sample : PB137770BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137770BL

Quant Time: Jul 19 16:13:41 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)

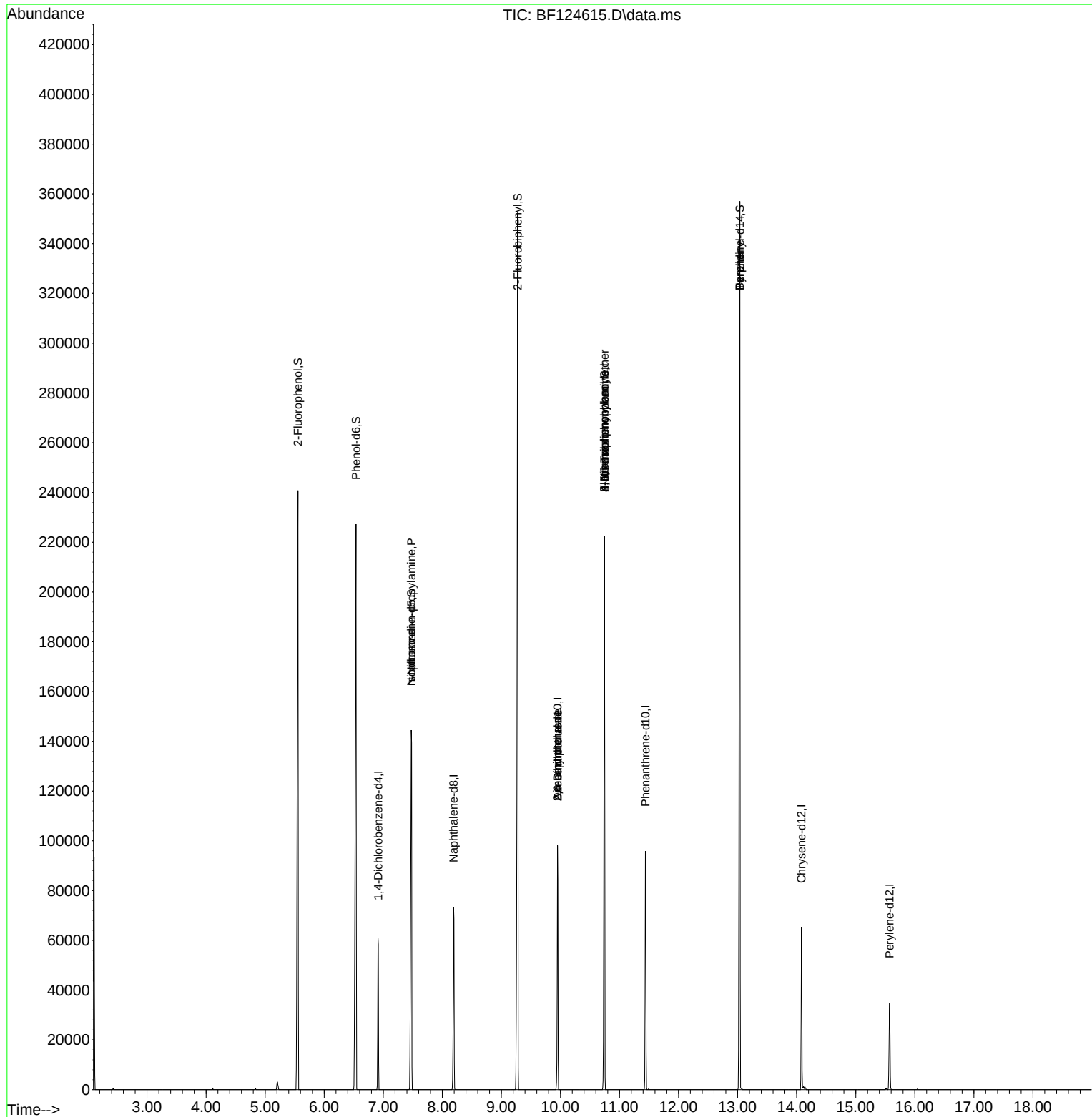
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	10275	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	40347	20.000	ng	-0.01
39) Acenaphthene-d10	9.951	164	22307	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	38642	20.000	ng	0.00
76) Chrysene-d12	14.080	240	23504	20.000	ng	0.00
86) Perylene-d12	15.574	264	17483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	79000	133.210	ng	0.02
7) Phenol-d6	6.540	99	90010	124.764	ng	0.00
23) Nitrobenzene-d5	7.475	82	57285	89.628	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	23233	133.838	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	131490	85.957	ng	0.00
79) Terphenyl-d14	13.039	244	130904	93.522	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	7811	19.257	ng	# 69
25) Isophorone	7.475	82	57091	48.658	ng	# 59
50) Dimethylphthalate	9.951	163	3702	2.385	ng	# 1
51) 2,6-Dinitrotoluene	9.951	165	2847	9.305	ng	# 26
57) 2,4-Dinitrotoluene	9.951	165	2847	6.797	ng	# 18
58) Fluorene	10.745	166	1149	0.762	ng	# 91
66) n-Nitrosodiphenylamine	10.745	169	957	0.761	ng	# 41
67) 4-Bromophenyl-phenylether	10.745	248	1820	4.555	ng	# 1
77) Benzidine	13.039	184	1940	2.208	ng	# 87
78) Pyrene	13.039	202	279	0.143	ng	# 59

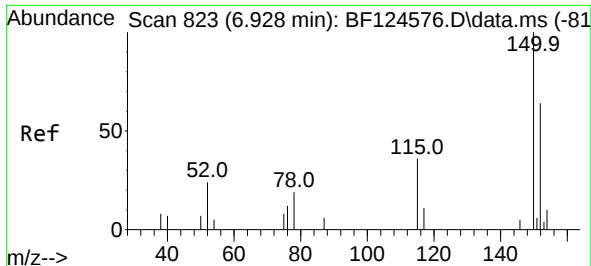
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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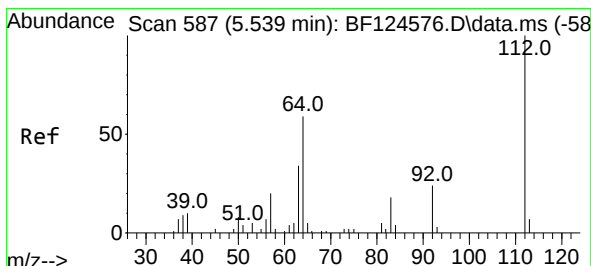
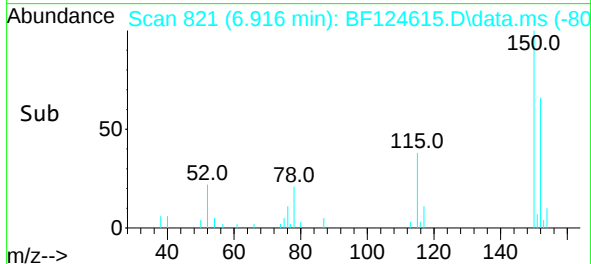
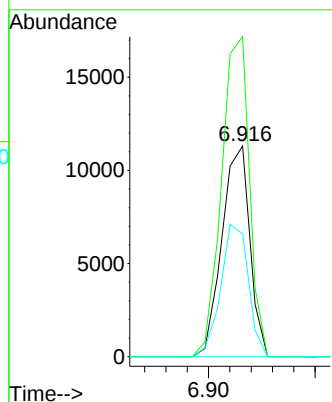
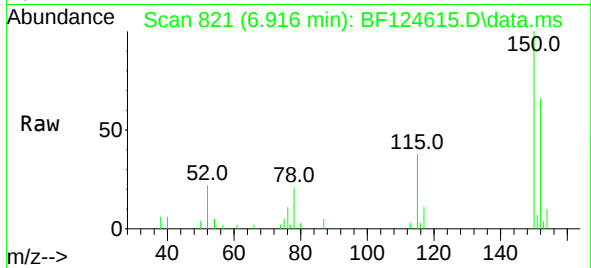




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

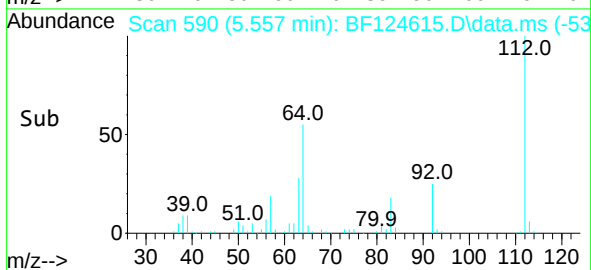
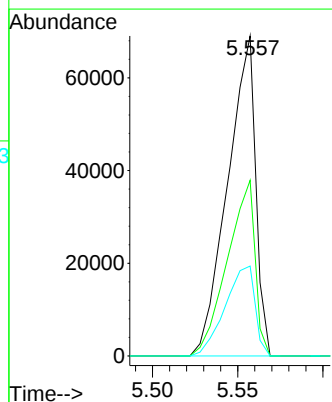
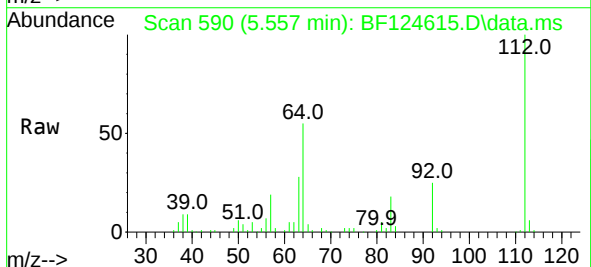
Instrument :
BNA_F
ClientSampleId :
PB137770BL

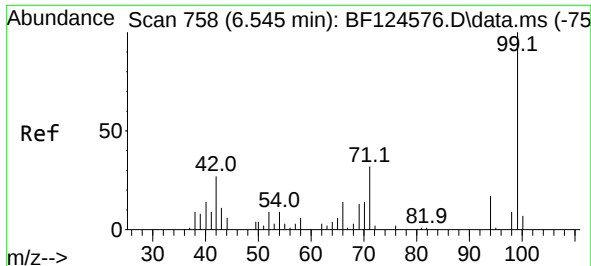
Tgt Ion:152 Resp: 10275
Ion Ratio Lower Upper
152 100
150 151.9 117.6 176.4
115 58.3 47.1 70.7



#5
2-Fluorophenol
Concen: 133.210 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.024 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion:112 Resp: 79000
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.2
63 28.1 26.2 39.2

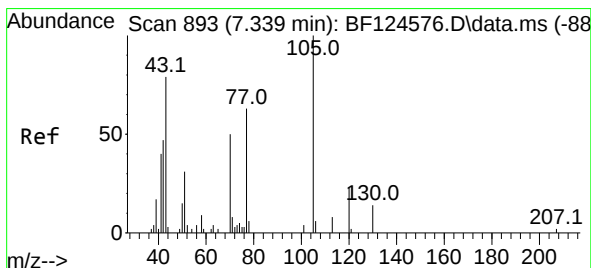
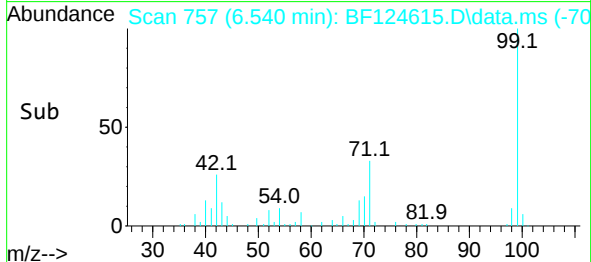
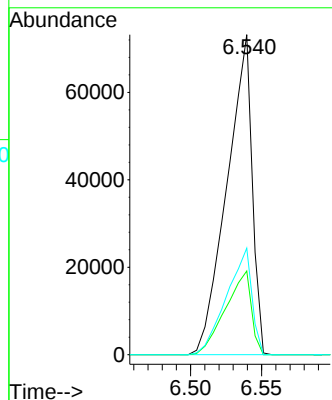
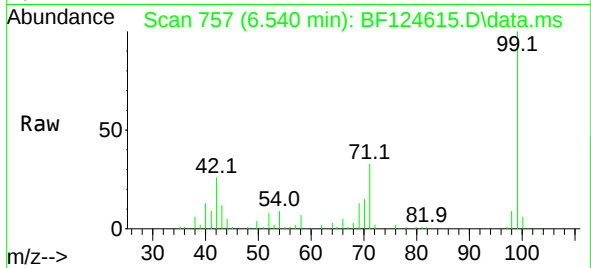




#7
Phenol-d6
Concen: 124.764 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

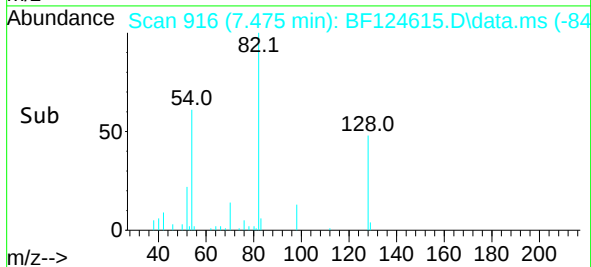
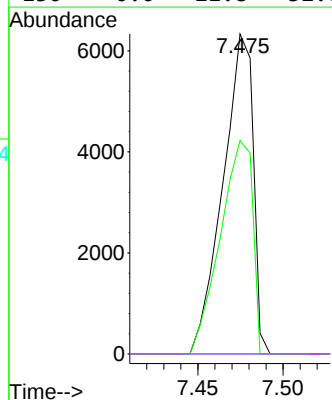
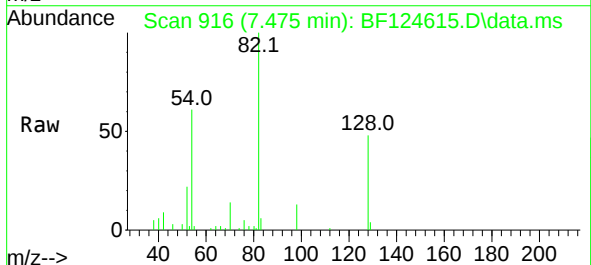
Instrument :
BNA_F
ClientSampleId :
PB137770BL

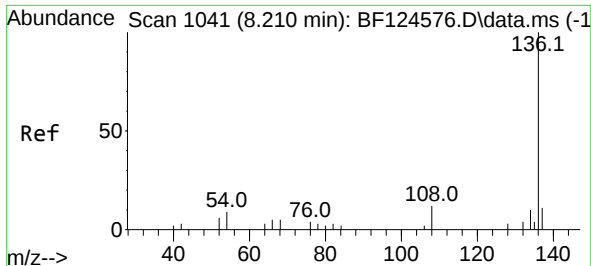
Tgt Ion: 99	Resp: 90010
Ion Ratio	Lower Upper
99 100	
42 26.2	23.5 35.3
71 33.3	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.257 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion: 70	Resp: 7811
Ion Ratio	Lower Upper
70 100	
42 66.7	72.2 108.2#
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

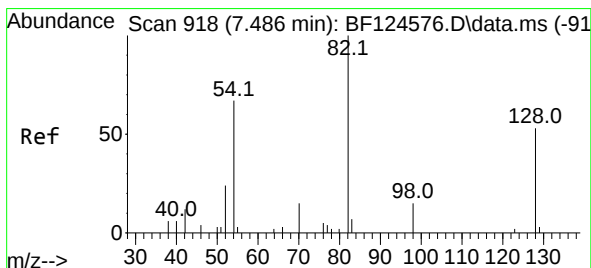
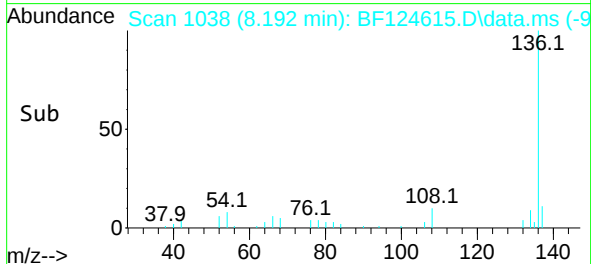
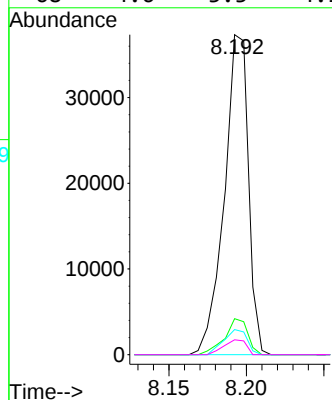
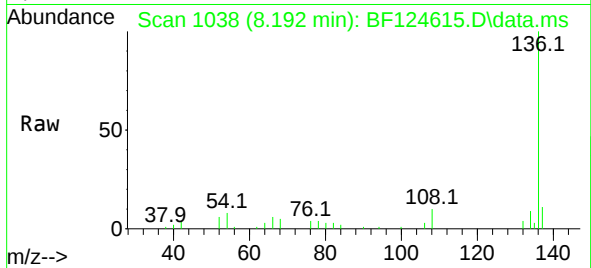




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

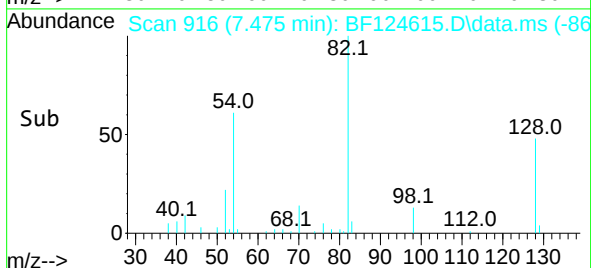
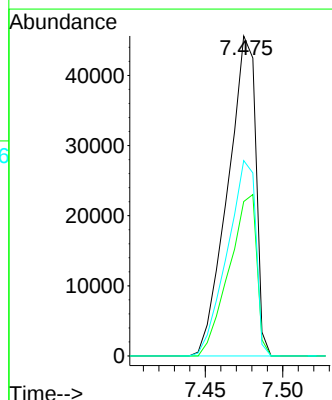
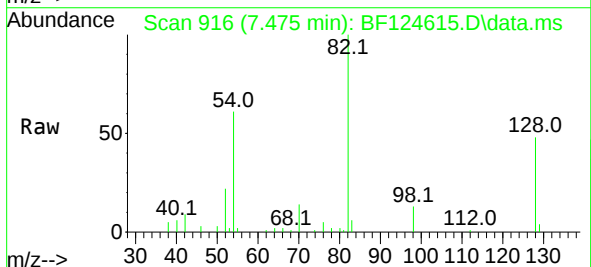
Instrument :
BNA_F
ClientSampleId :
PB137770BL

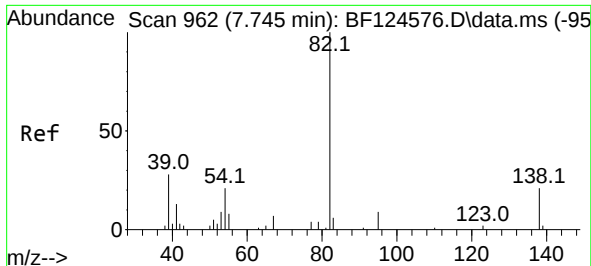
Tgt Ion:136	Resp:	40347
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.8 14.6
54	7.8	6.4 9.6
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 89.628 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion: 82	Resp:	57285
Ion Ratio	Lower	Upper
82	100	
128	48.3	40.6 60.8
54	61.1	49.6 74.4

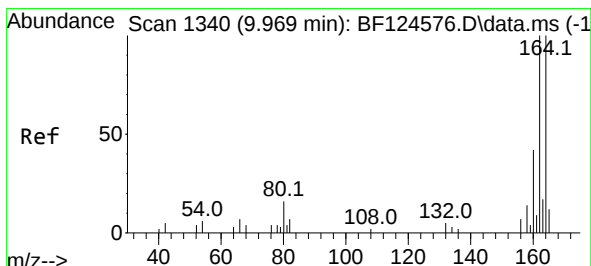
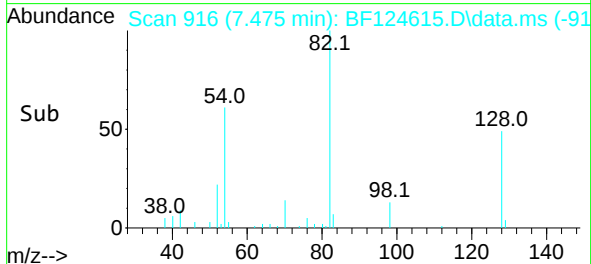
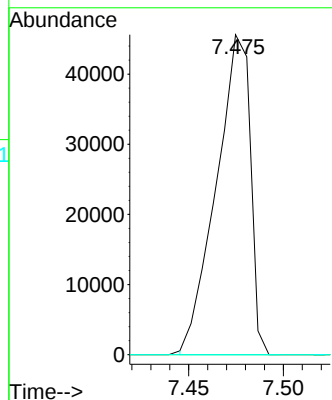
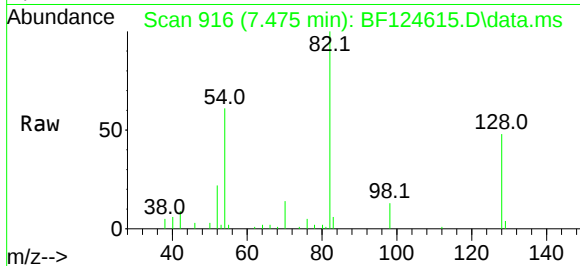




#25
Isophorone
Concen: 48.658 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.270 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

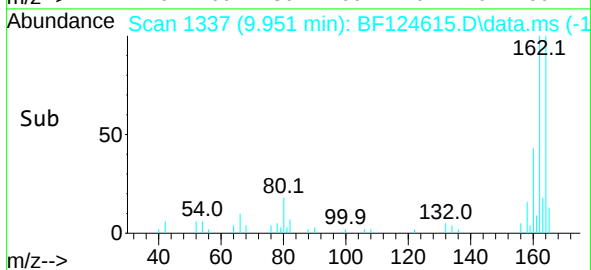
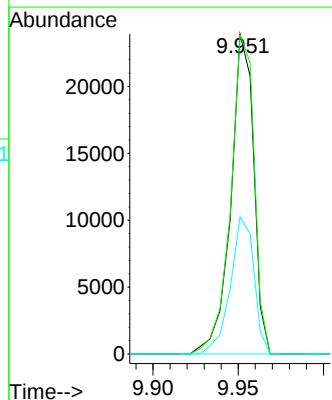
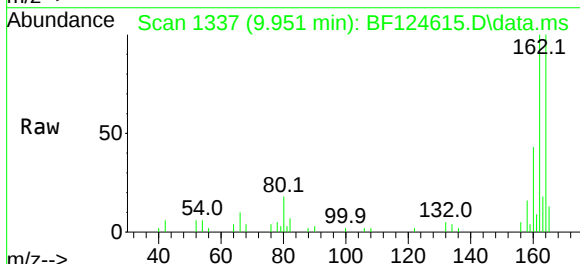
Instrument :
BNA_F
ClientSampleId :
PB137770BL

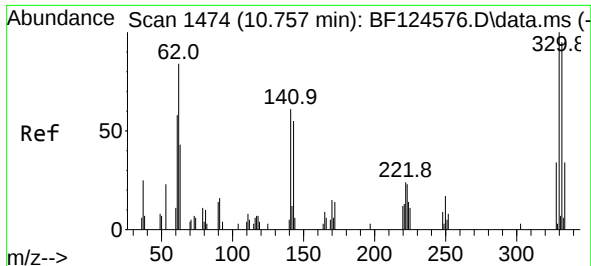
Tgt Ion: 82 Resp: 57091
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

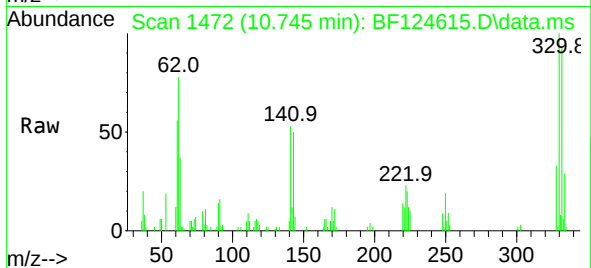
Tgt Ion: 164 Resp: 22307
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 42.8 38.0 57.0



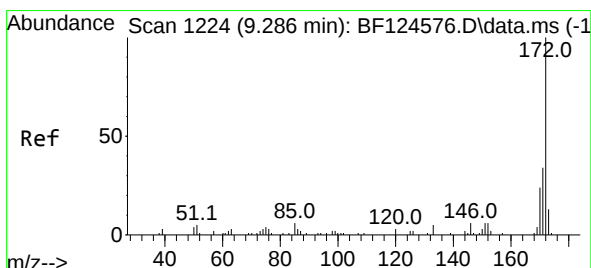
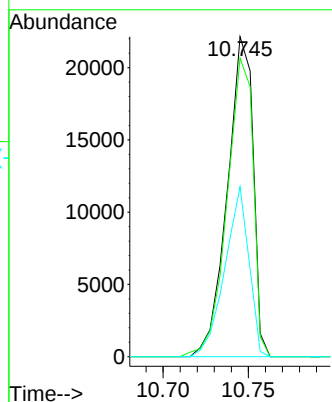
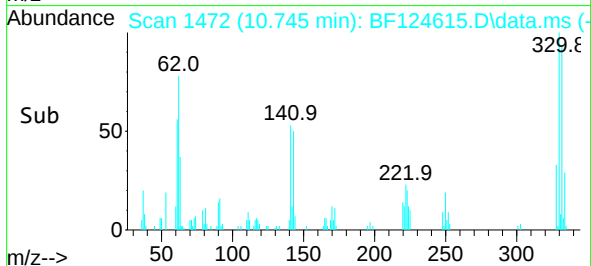


#42
2,4,6-Tribromophenol
Concen: 133.838 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

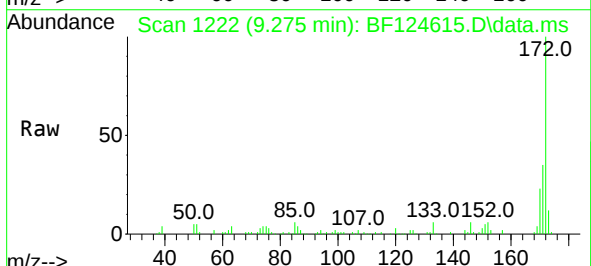
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BNA_F
ClientSampleId :
PB137770BL



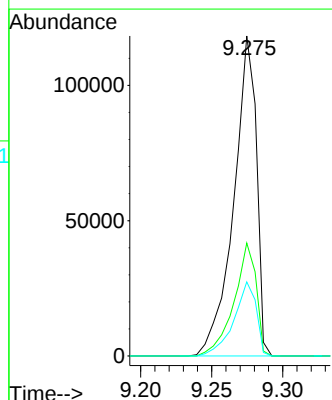
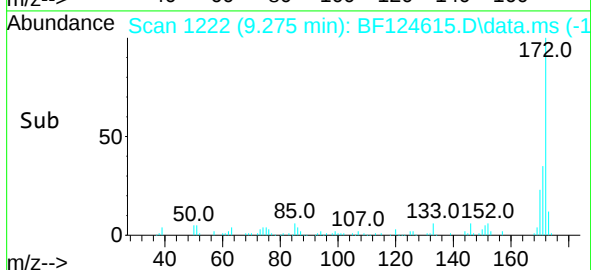
Tgt Ion: 330 Resp: 23233
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 49.7 44.6 66.8

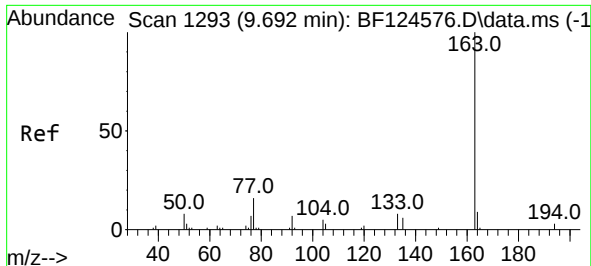


#45
2-Fluorobiphenyl
Concen: 85.957 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51



Tgt Ion: 172 Resp: 131490
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.1 18.8 28.2

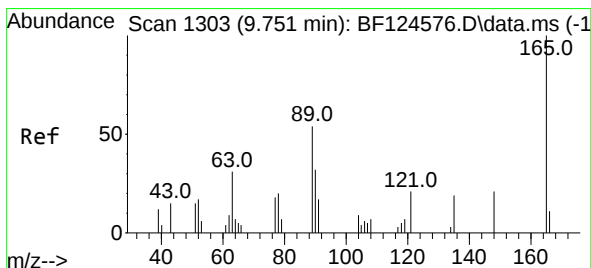
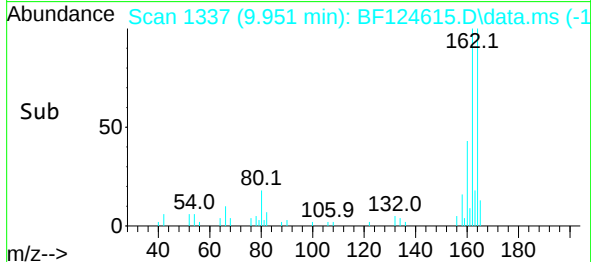
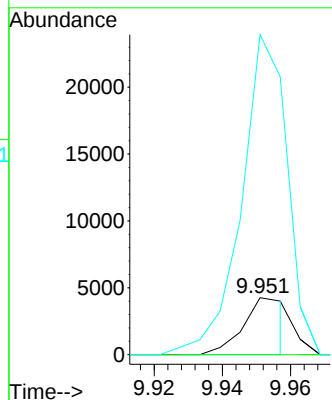
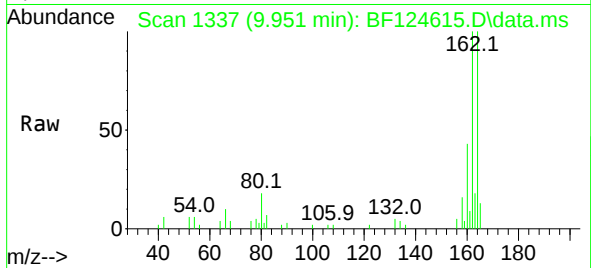




#50
Dimethylphthalate
Concen: 2.385 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.265 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

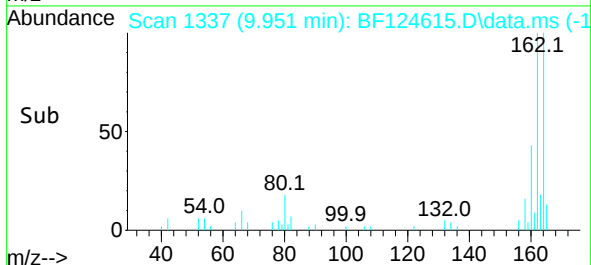
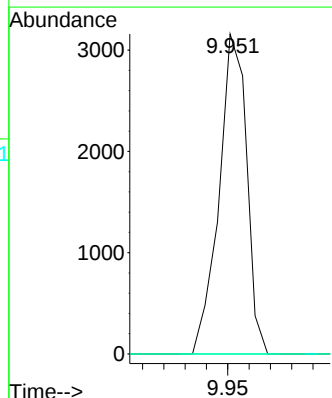
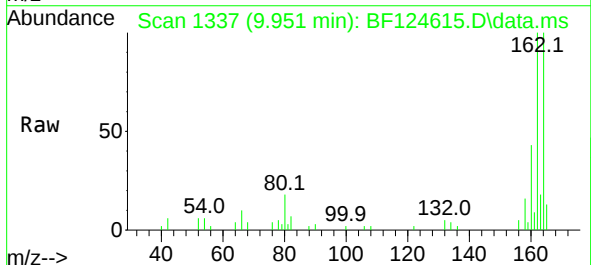
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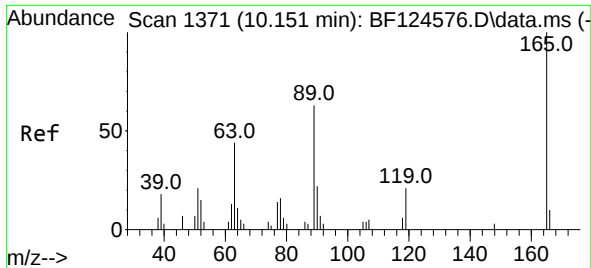
Tgt Ion:163 Resp: 3702
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 562.0 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.305 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.206 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

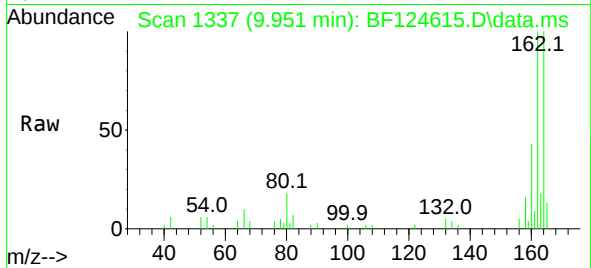
Tgt Ion:165 Resp: 2847
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



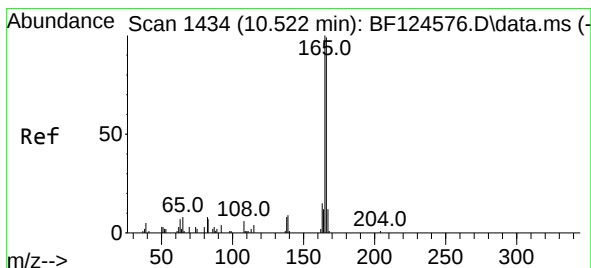
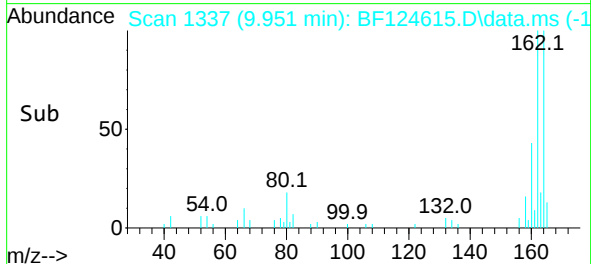
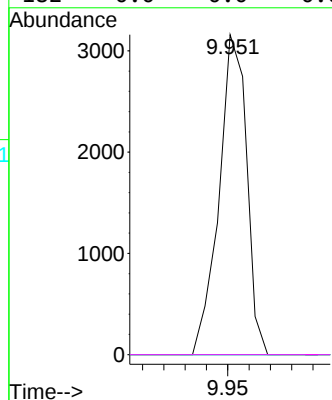


#57
2,4-Dinitrotoluene
Concen: 6.797 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.194 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Instrument :
BNA_F
ClientSampleId :
PB137770BL

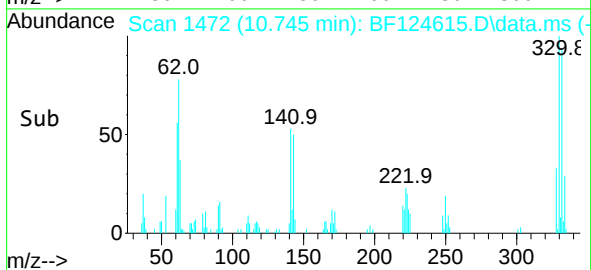
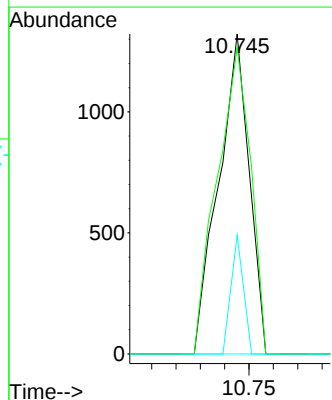
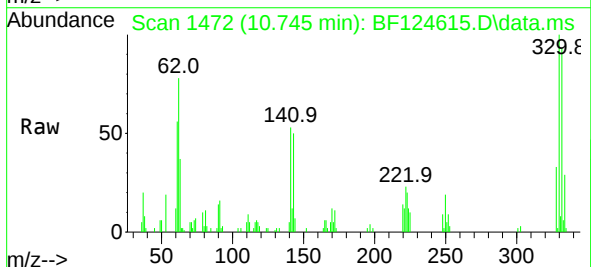


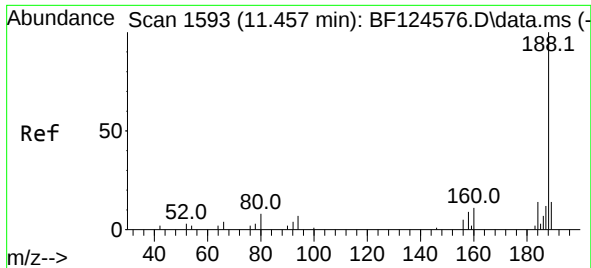
Tgt Ion:	165	Resp:	2847
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.9	61.3#
89	0.0	59.7	89.5#
182	0.0	0.0	0.0



#58
Fluorene
Concen: 0.762 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.235 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion:	166	Resp:	1149
Ion	Ratio	Lower	Upper
166	100		
165	95.7	78.1	117.1
167	37.1	11.1	16.7#

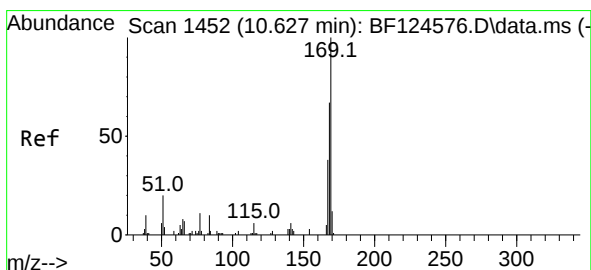
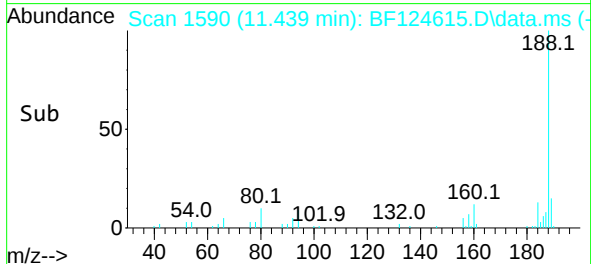
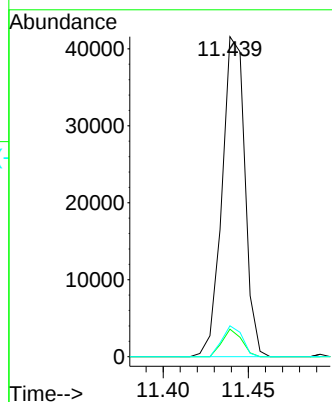
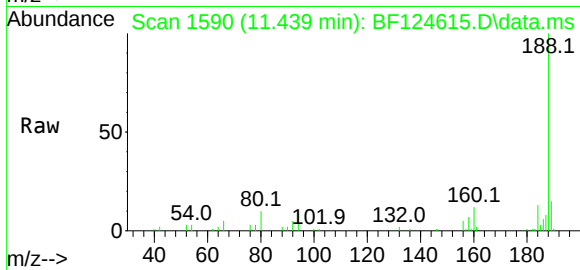




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

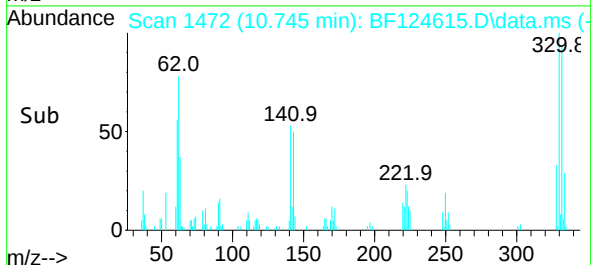
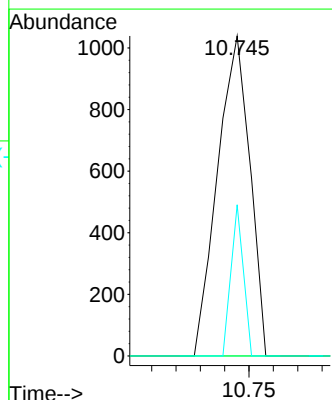
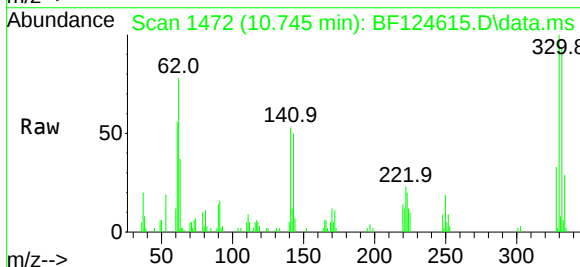
Instrument :
BNA_F
ClientSampleId :
PB137770BL

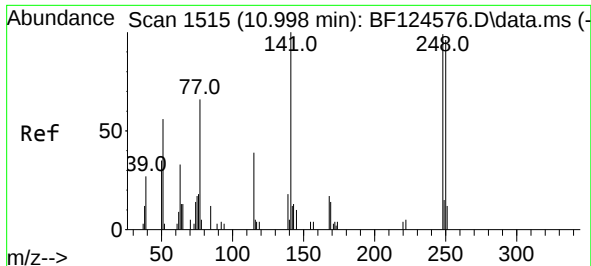
Tgt Ion:188 Resp: 38642
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.6 7.5 11.3



#66
n-Nitrosodiphenylamine
Concen: 0.761 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.124 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion:169 Resp: 957
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 47.3 28.8 43.2#

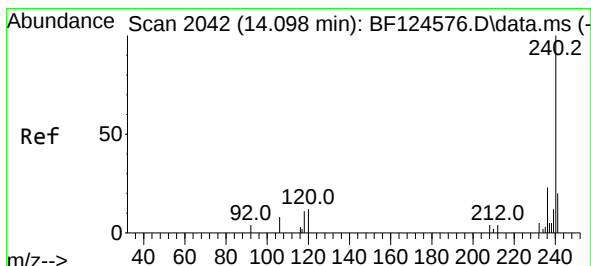
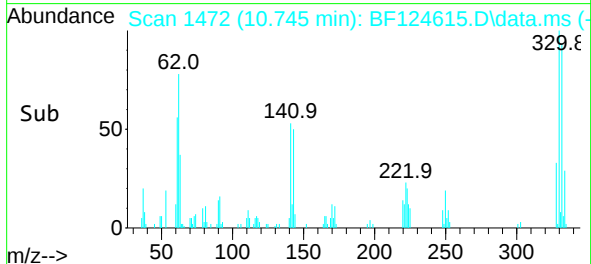
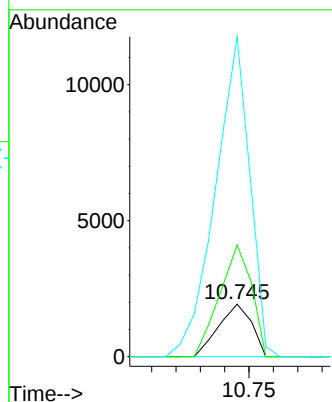
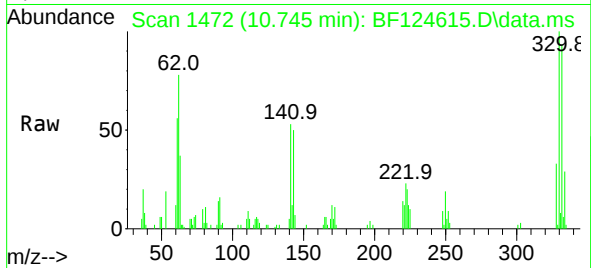




#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

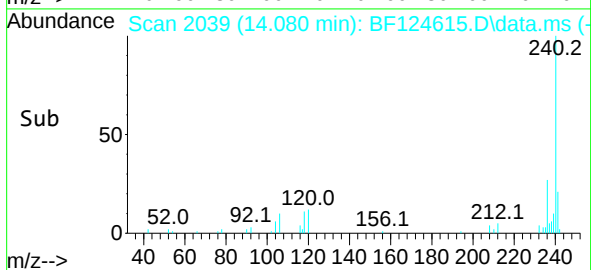
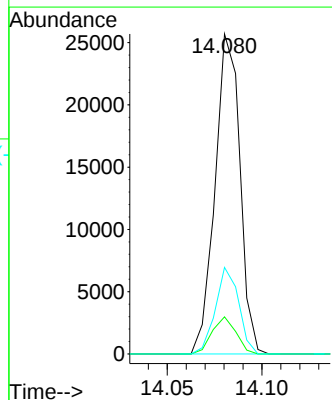
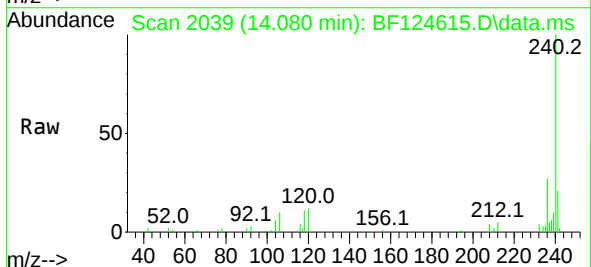
Instrument :
BNA_F
ClientSampleId :
PB137770BL

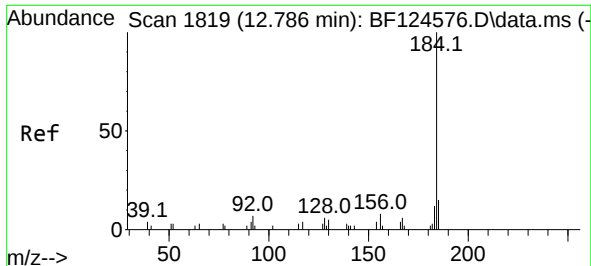
Tgt Ion:248 Resp: 1820
Ion Ratio Lower Upper
248 100
250 212.7 74.2 111.4#
141 609.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion:240 Resp: 23504
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 27.1 21.6 32.4

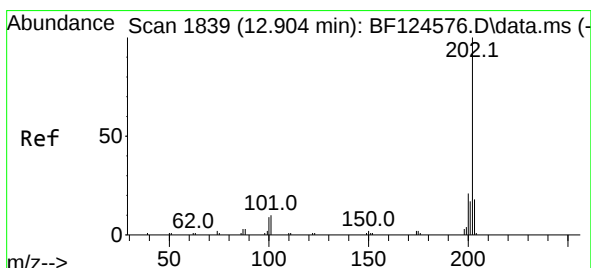
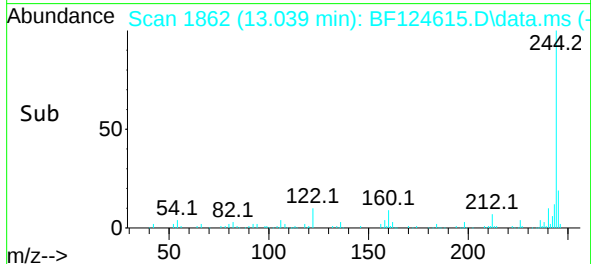
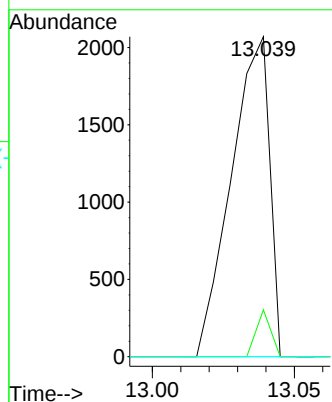
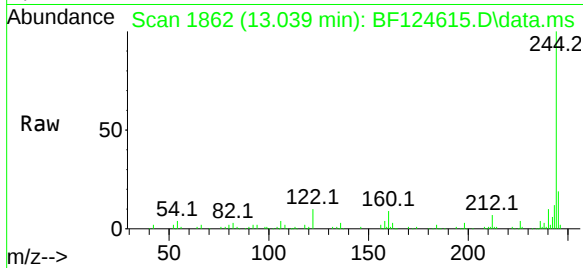




#77
Benzidine
Concen: 2.208 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.265 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

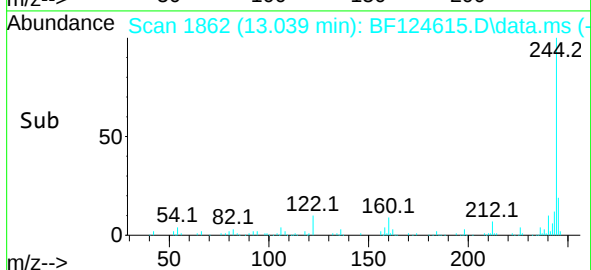
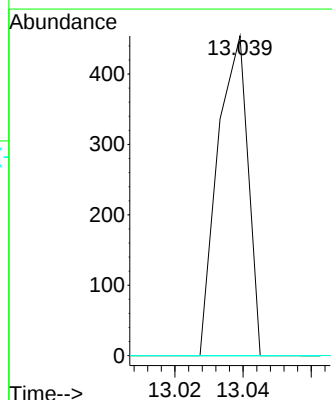
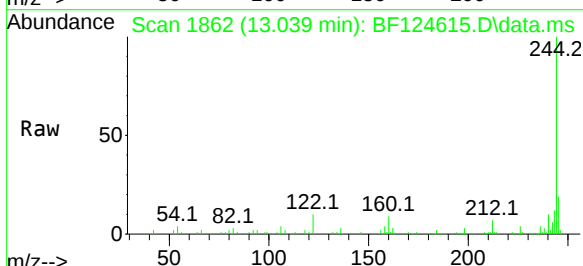
Instrument :
BNA_F
ClientSampleId :
PB137770BL

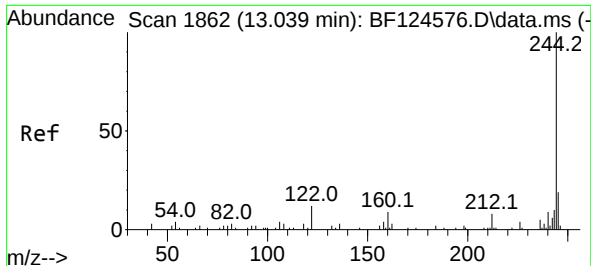
Tgt Ion:184 Resp: 1940
Ion Ratio Lower Upper
184 100
185 14.6 10.8 16.2
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 0.143 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.147 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion:202 Resp: 279
Ion Ratio Lower Upper
202 100
200 0.0 15.3 22.9#
203 0.0 13.4 20.0#

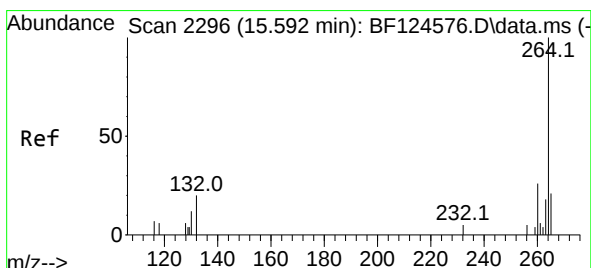
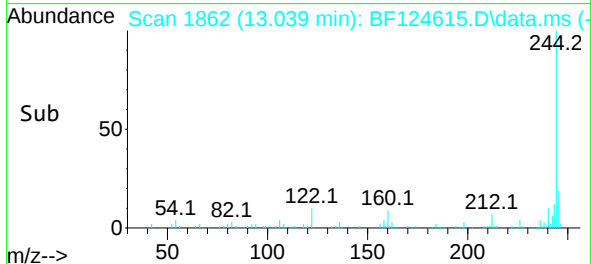
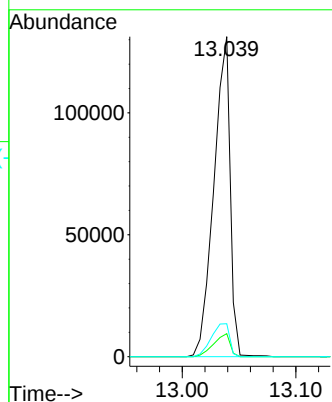
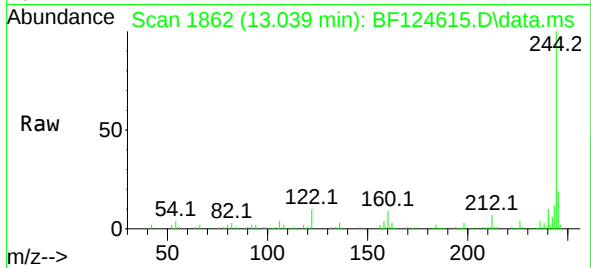




#79
Terphenyl-d14
Concen: 93.522 ng
RT: 13.039 min Scan# 1862
Delta R.T. 0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Instrument :
BNA_F
ClientSampleId :
PB137770BL

Tgt Ion:244 Resp: 130904
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.3 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF124615.D
Acq: 19 Jul 2021 15:51

Tgt Ion:264 Resp: 17483
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 23.5 17.2 25.8

