

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128594.D
 Acq On : 31 May 2022 14:36
 Operator : CG\JU
 Sample : PB145210BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145210BL

Quant Time: Jun 01 00:57:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

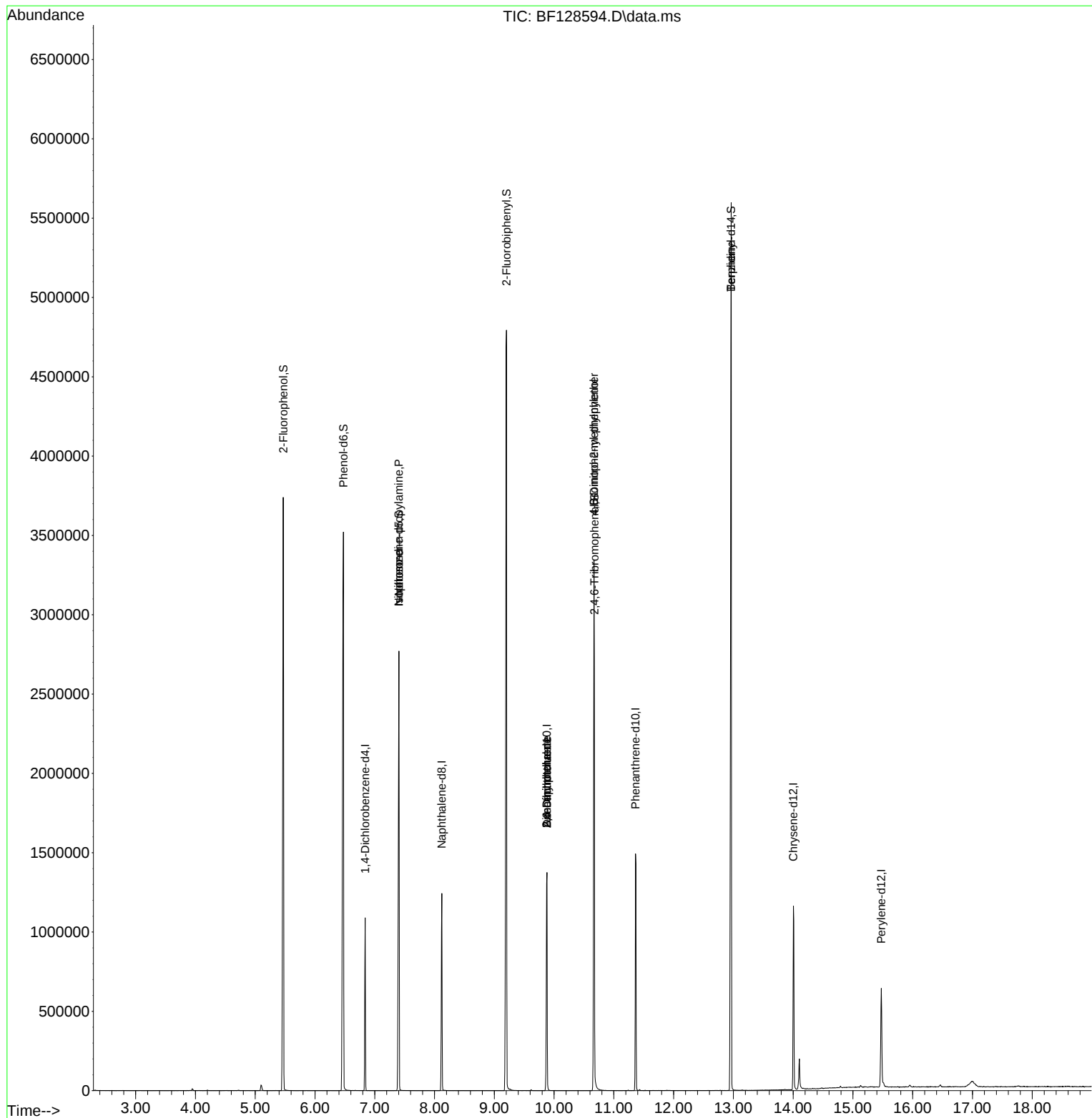
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	134991	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	529546	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	305618	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	577242	20.000	ng	0.00
76) Chrysene-d12	14.004	240	416111	20.000	ng	0.00
86) Perylene-d12	15.474	264	314705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1048893	128.704	ng	0.02
7) Phenol-d6	6.475	99	1315955	126.643	ng	0.00
23) Nitrobenzene-d5	7.404	82	941396	102.555	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	439096	150.946	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1786185	94.952	ng	0.00
79) Terphenyl-d14	12.963	244	2075063	96.343	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	2300	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	133544	20.961 ng	#	78
25) Isophorone	7.404	82	938624	55.429 ng	#	65
50) Dimethylphthalate	9.880	163	55847	2.817 ng	#	1
51) 2,6-Dinitrotoluene	9.880	165	39282	10.812 ng	#	26
57) 2,4-Dinitrotoluene	9.880	165	39282	9.037 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.669	198	1121	5.874 ng	#	1
67) 4-Bromophenyl-phenylether	10.669	248	27822	4.665 ng	#	1
77) Benzidine	12.963	184	30189	3.145 ng	#	95

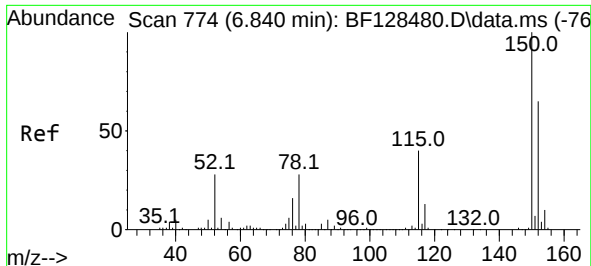
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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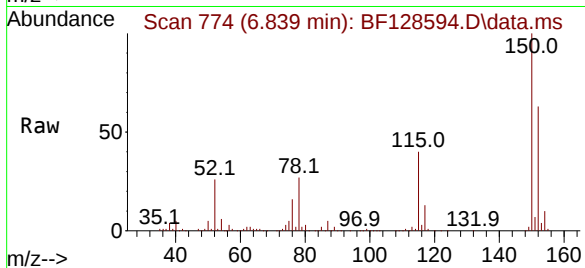
Quant Time: Jun 01 00:57:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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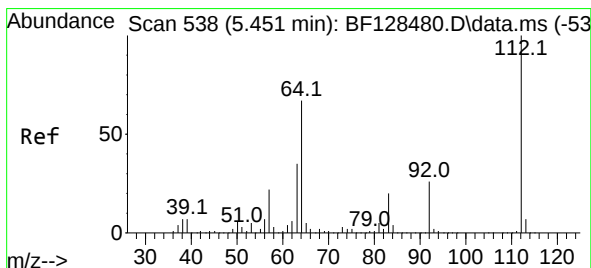
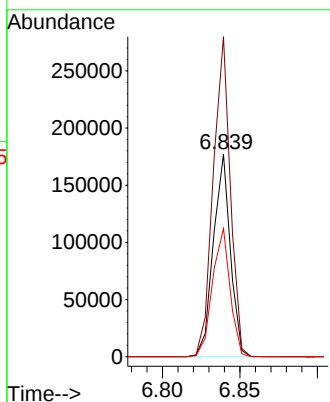
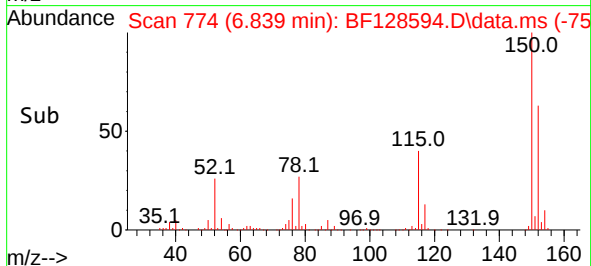


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Instrument :
BNA_F
ClientSampleId :
PB145210BL

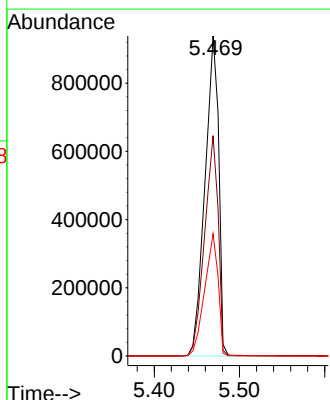
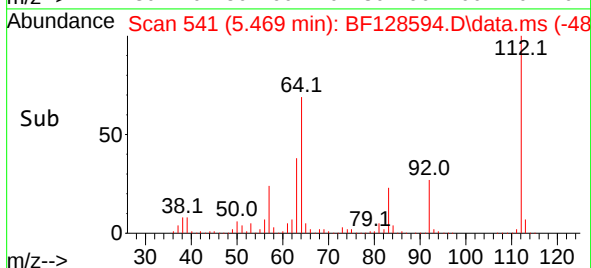
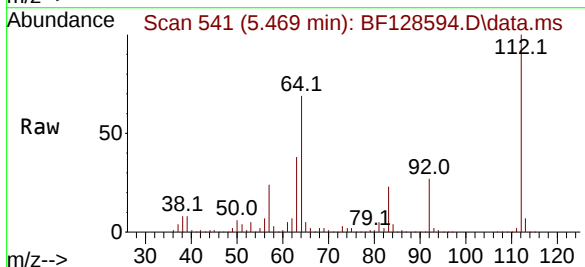


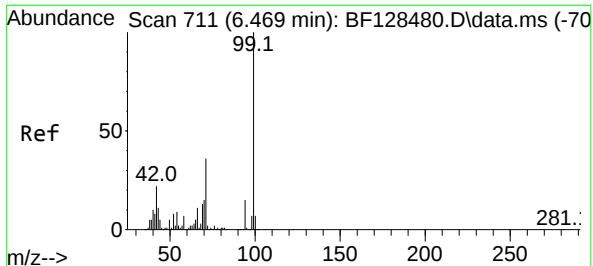
Tgt Ion:152 Resp: 134991
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 128.704 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.017 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Tgt Ion:112 Resp: 1048893
Ion Ratio Lower Upper
112 100
64 68.8 53.3 79.9
63 38.2 28.0 42.0

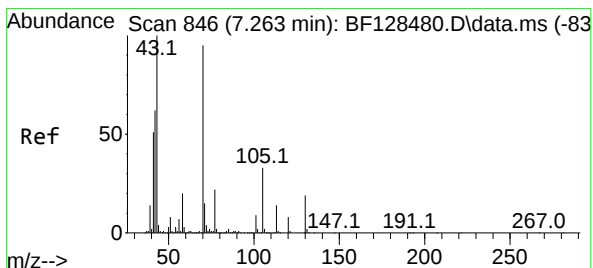
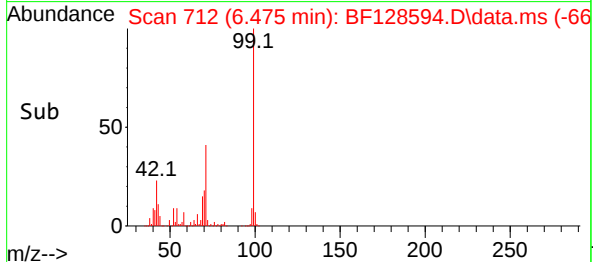
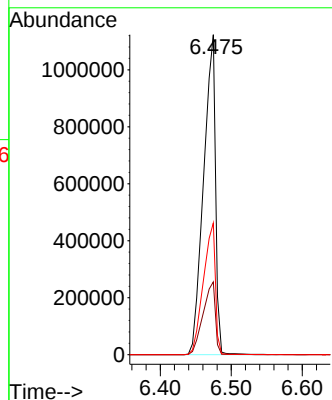
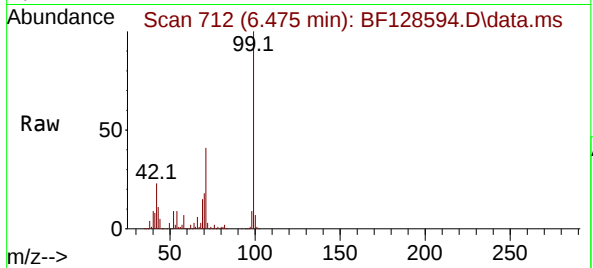




#7
Phenol-d6
Concen: 126.643 ng
RT: 6.475 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

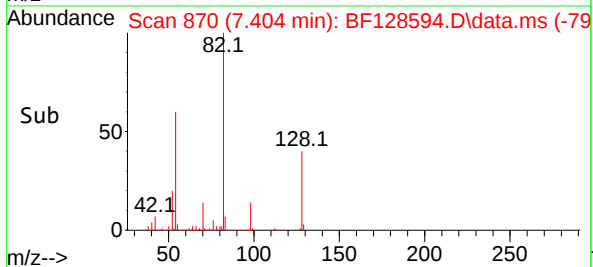
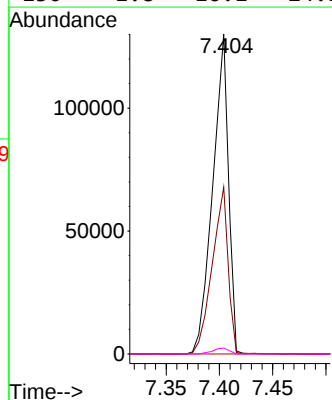
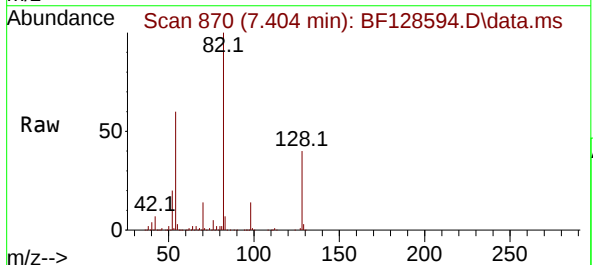
Instrument :
BNA_F
ClientSampleId :
PB145210BL

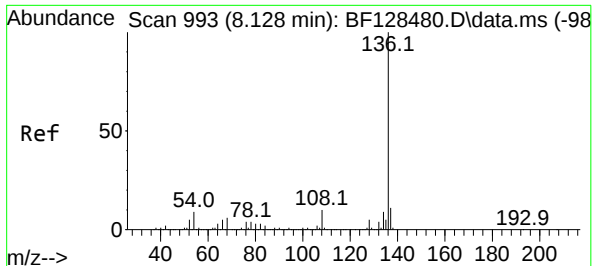
Tgt Ion: 99 Resp: 1315955
Ion Ratio Lower Upper
99 100
42 22.8 17.3 25.9
71 41.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.961 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Tgt Ion: 70 Resp: 133544
Ion Ratio Lower Upper
70 100
42 52.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

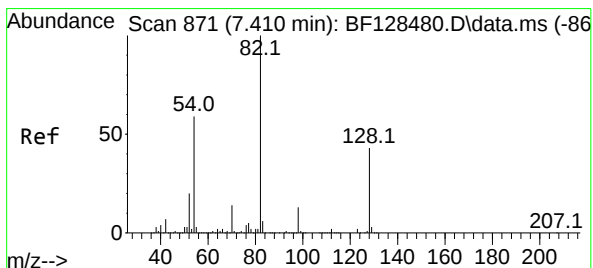
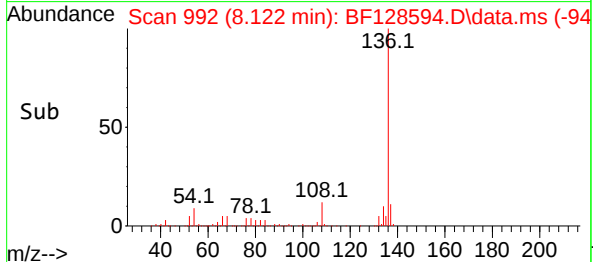
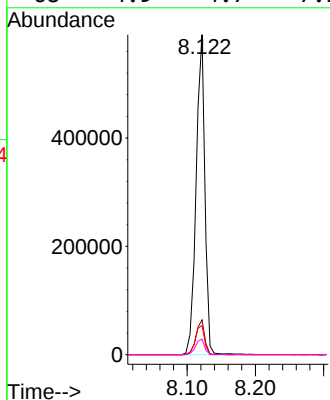
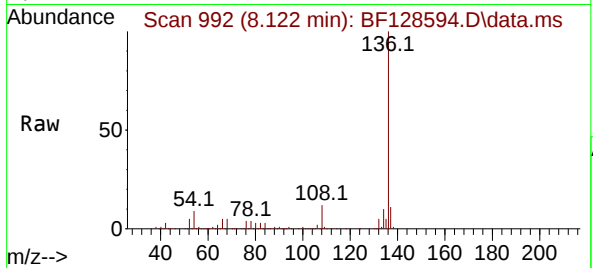




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

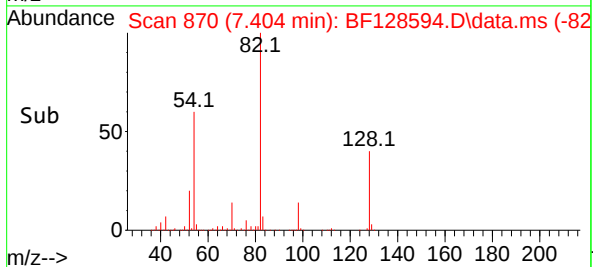
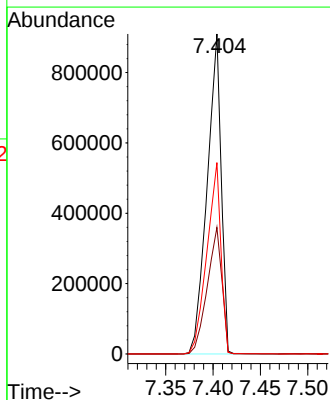
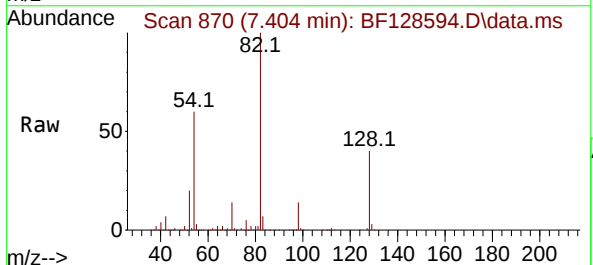
Instrument :
BNA_F
ClientSampleId :
PB145210BL

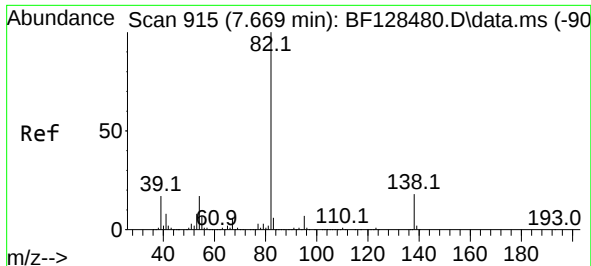
Tgt Ion:	136	Resp:	529546
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.1	7.5	11.3
68	4.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 102.555 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Tgt Ion:	82	Resp:	941396
Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.0	51.0
54	59.8	46.9	70.3

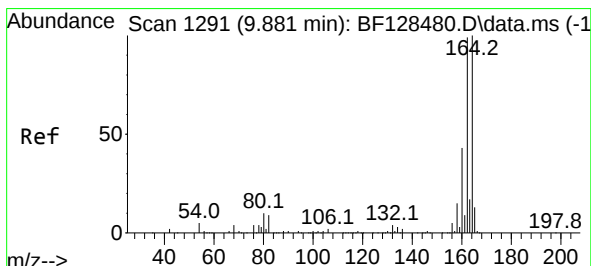
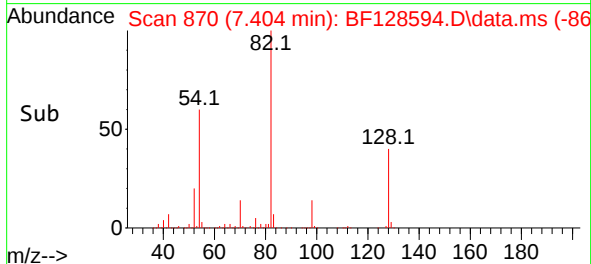
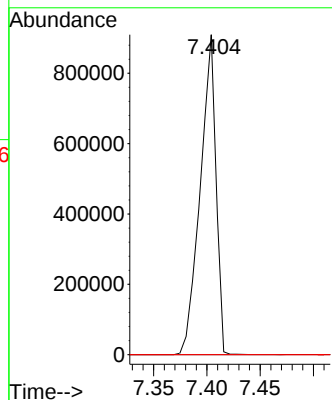
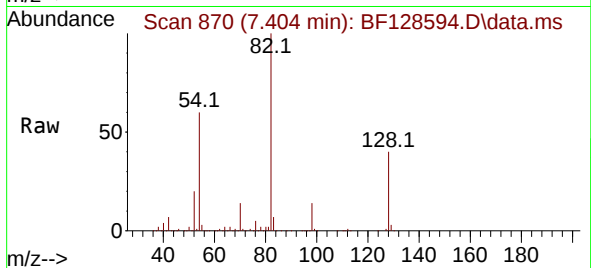




#25
Isophorone
Concen: 55.429 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

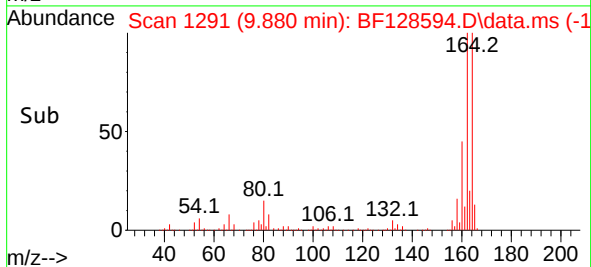
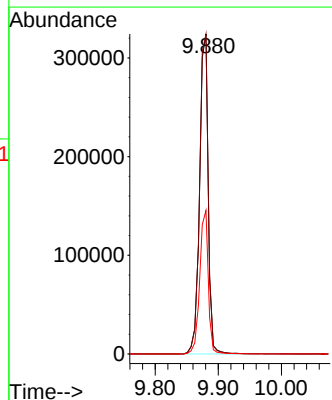
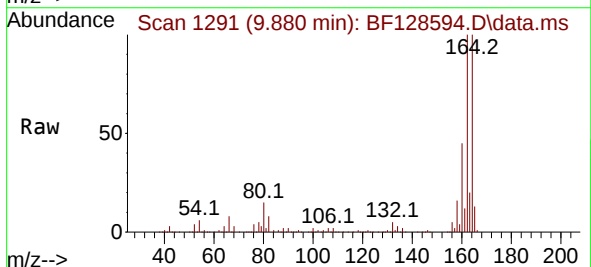
Instrument :
BNA_F
ClientSampleId :
PB145210BL

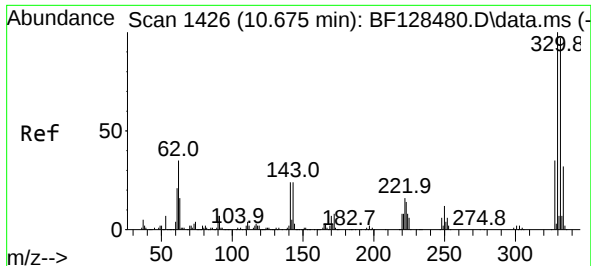
Tgt Ion: 82 Resp: 938624
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.001 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Tgt Ion: 164 Resp: 305618
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 150.946 ng

RT: 10.674 min Scan# 1426

Delta R.T. -0.000 min

Lab File: BF128594.D

Acq: 31 May 2022 14:36

Instrument :

BNA_F

ClientSampleId :

PB145210BL

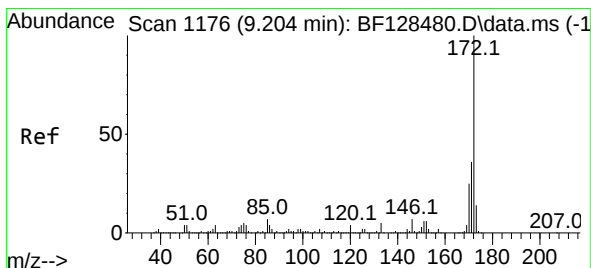
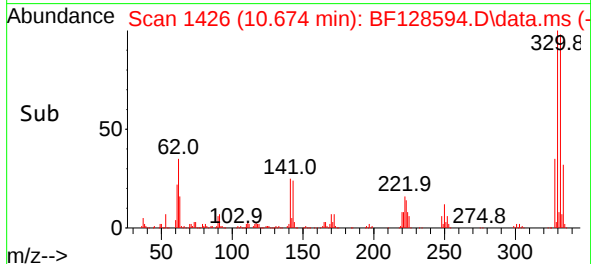
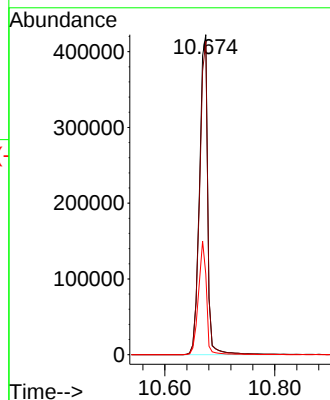
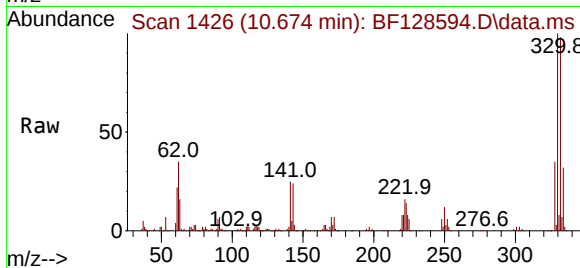
Tgt Ion:330 Resp: 439096

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 94.952 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF128594.D

Acq: 31 May 2022 14:36

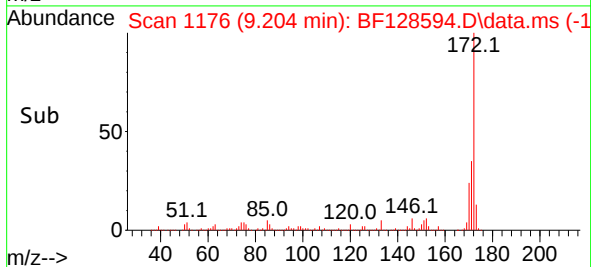
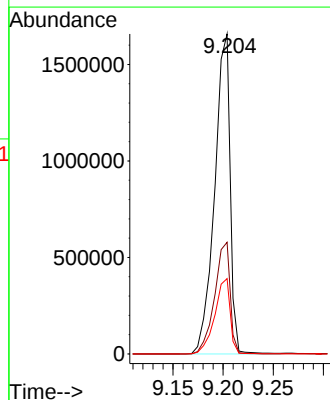
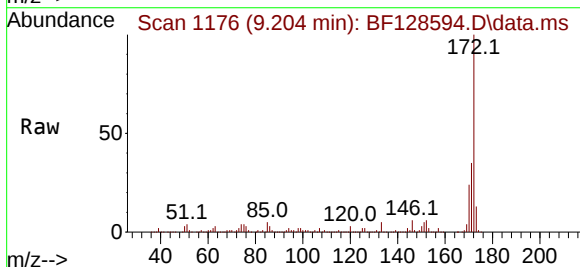
Tgt Ion:172 Resp: 1786185

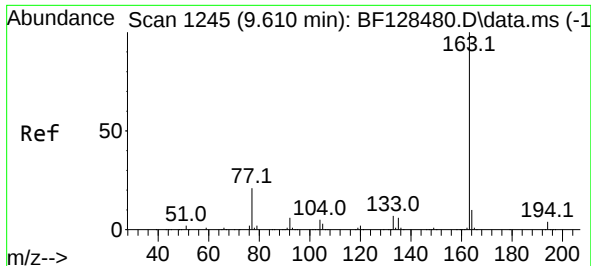
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.5 19.8 29.8

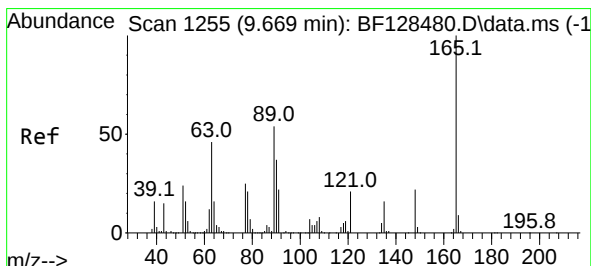
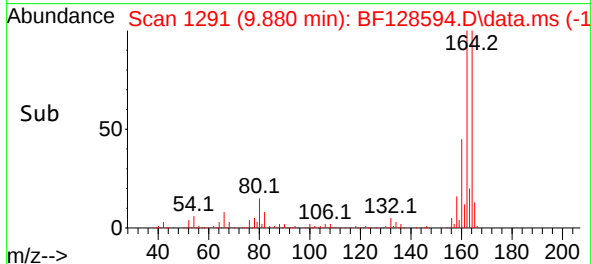
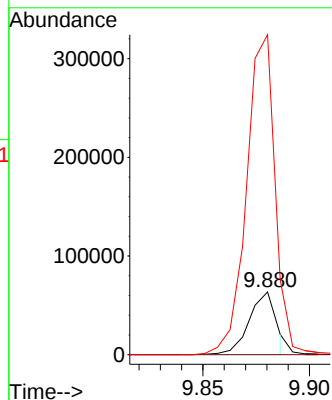
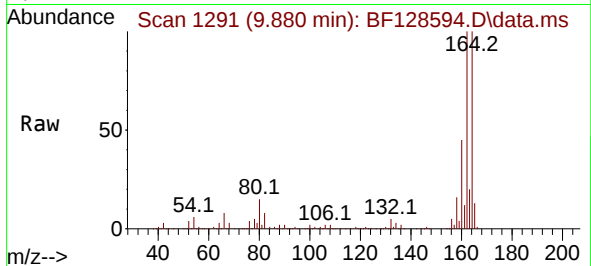




#50
Dimethylphthalate
Concen: 2.817 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.270 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

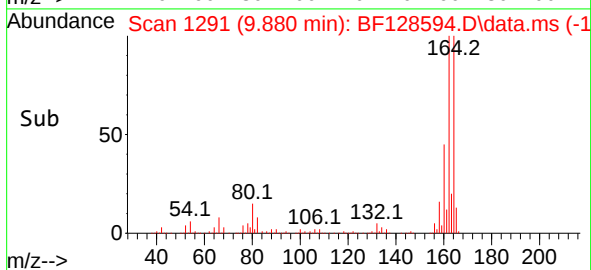
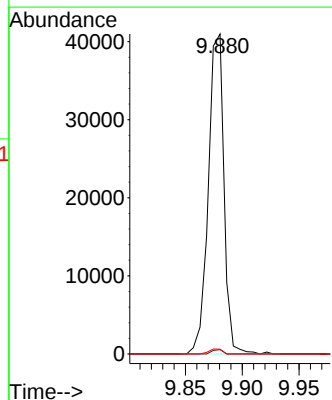
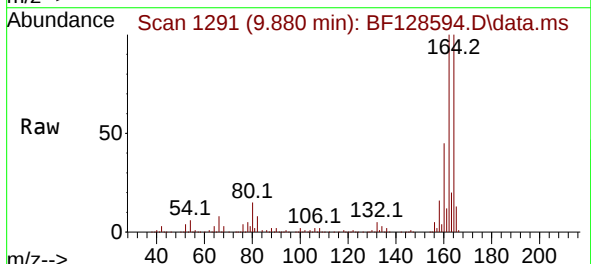
Instrument :
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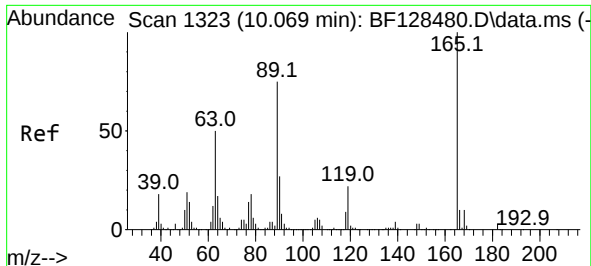
Tgt Ion:163 Resp: 55847
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 510.5 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.812 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.212 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Tgt Ion:165 Resp: 39282
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.5 43.6 65.4#

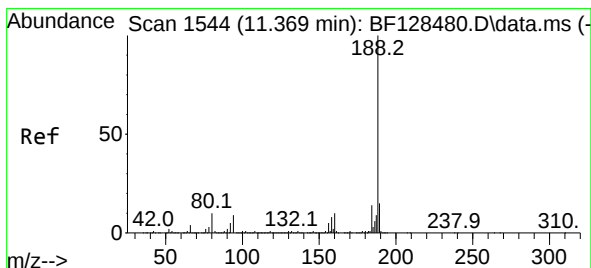
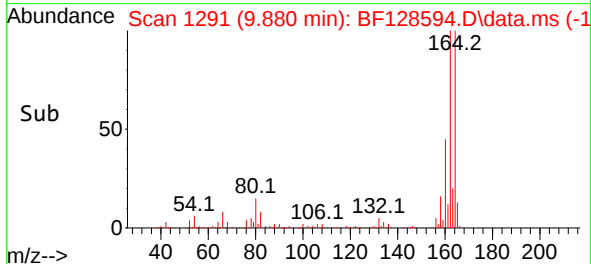
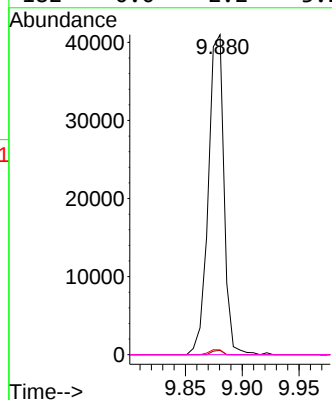
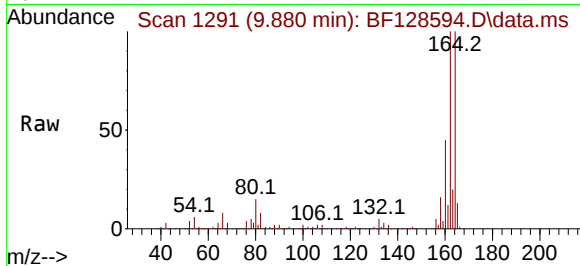




#57
2,4-Dinitrotoluene
Concen: 9.037 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

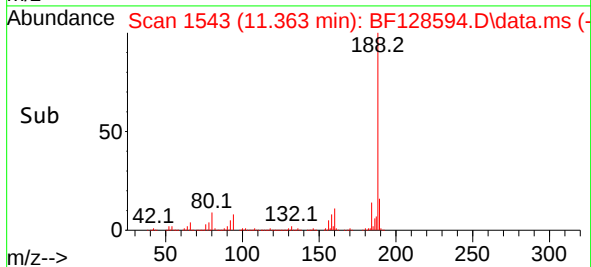
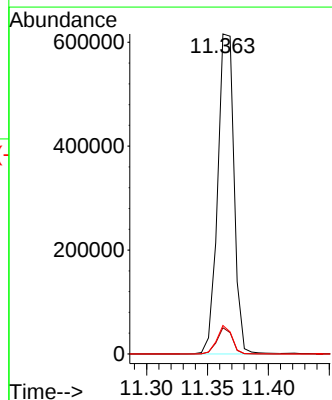
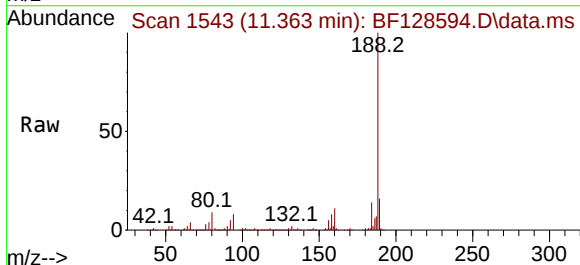
Instrument :
BNA_F
ClientSampleId :
PB145210BL

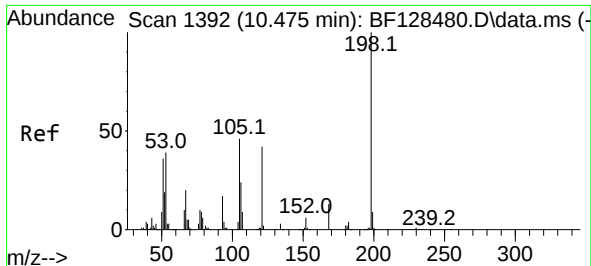
Tgt Ion:165 Resp: 39282
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Tgt Ion:188 Resp: 577242
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.9 7.6 11.4

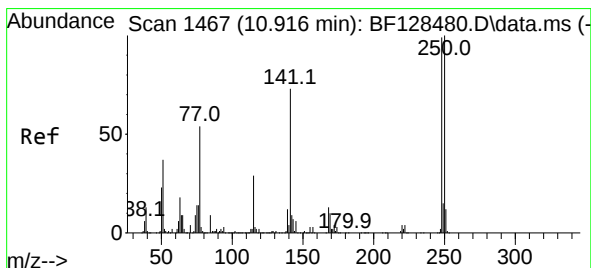
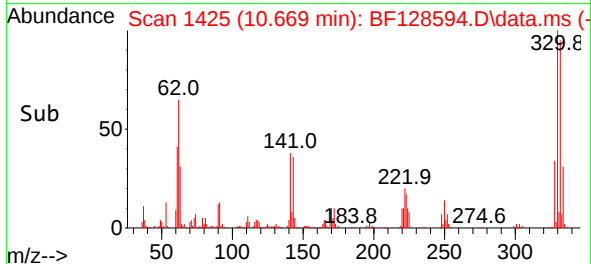
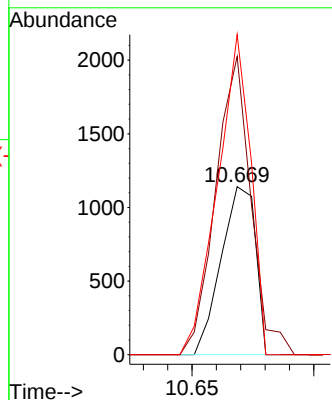
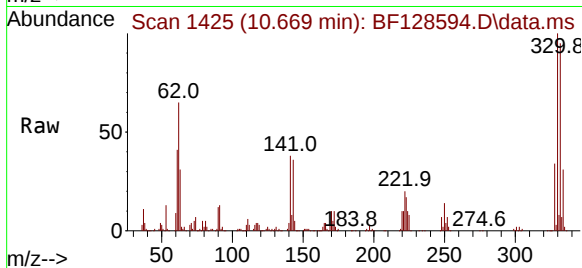




#65
4,6-Dinitro-2-methylphenol
Concen: 5.874 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

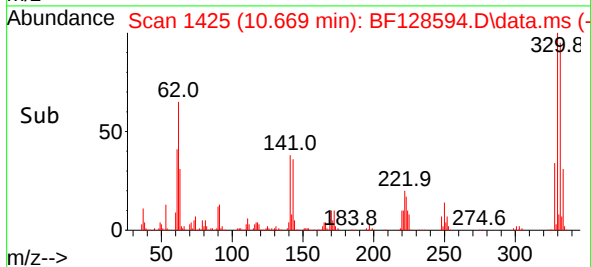
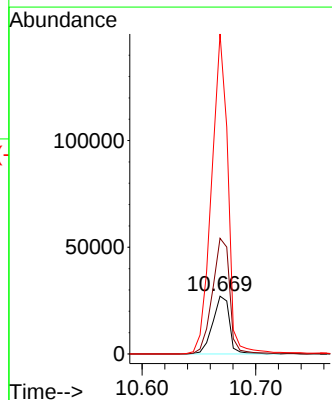
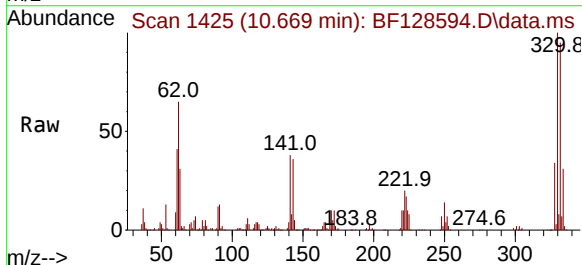
Instrument :
BNA_F
ClientSampleId :
PB145210BL

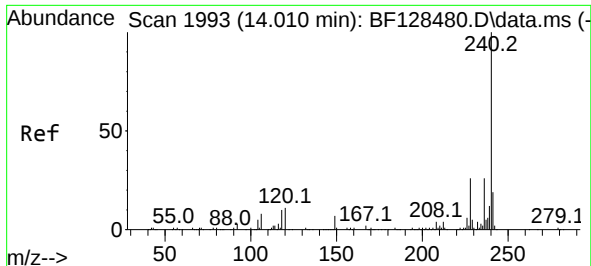
Tgt Ion:198 Resp: 1121
Ion Ratio Lower Upper
198 100
51 177.5 37.6 77.6#
105 190.4 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 4.665 ng
RT: 10.669 min Scan# 1425
Delta R.T. -0.247 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

Tgt Ion:248 Resp: 27822
Ion Ratio Lower Upper
248 100
250 200.4 80.6 120.8#
141 554.6 58.9 88.3#

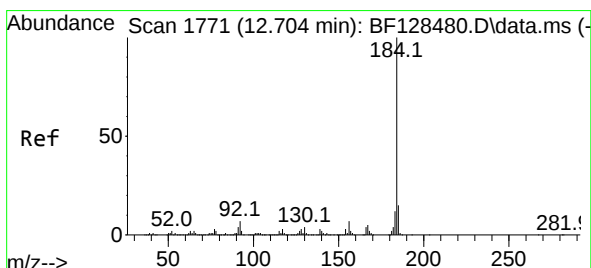
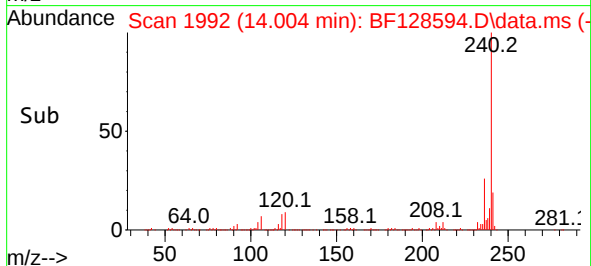
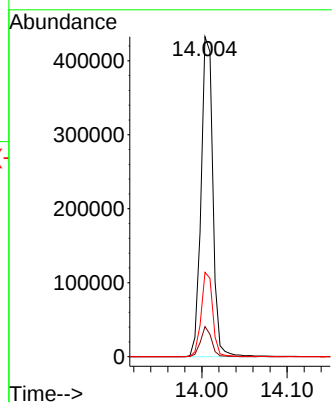
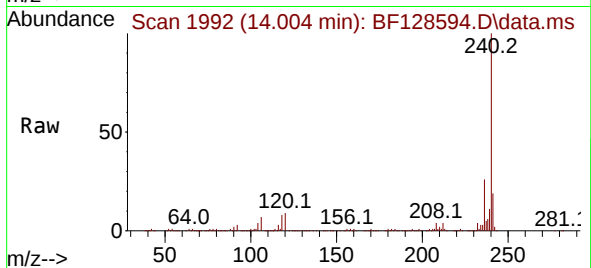




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

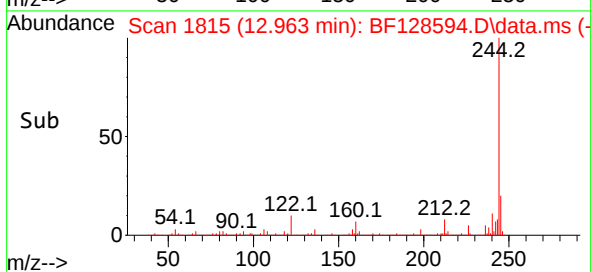
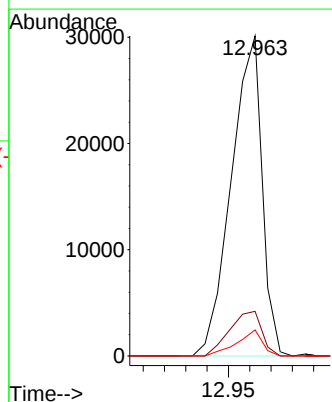
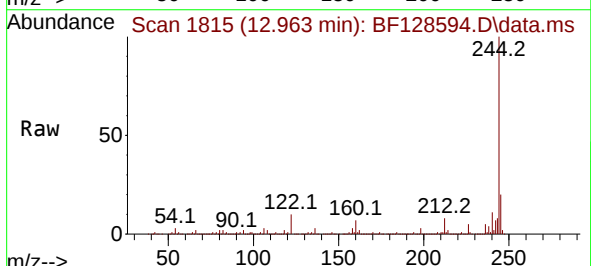
Instrument :
BNA_F
ClientSampleId :
PB145210BL

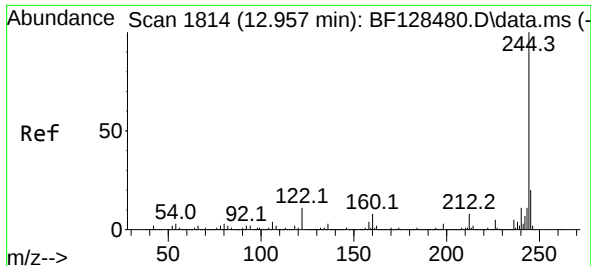
Tgt Ion:240 Resp: 416111
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.145 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.259 min
Lab File: BF128594.D
Acq: 31 May 2022 14:36

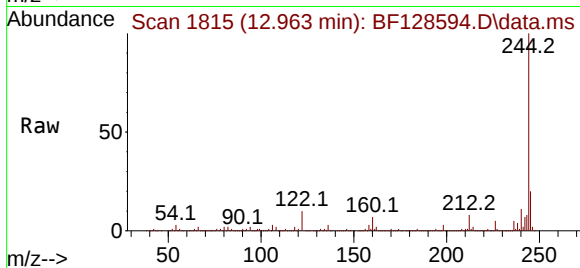
Tgt Ion:184 Resp: 30189
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 8.2 9.3 13.9#



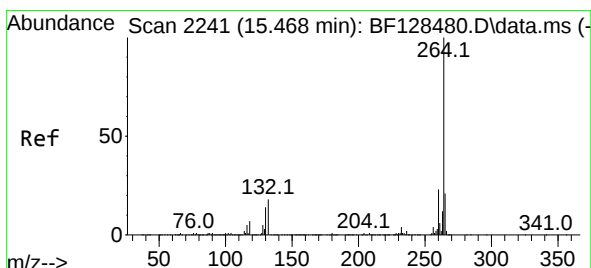
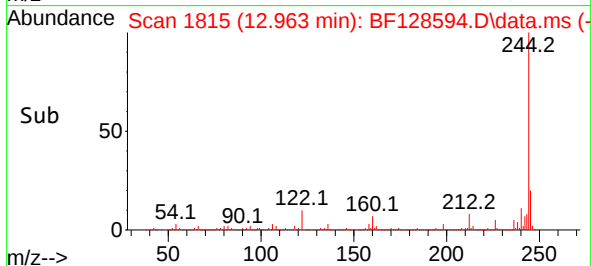
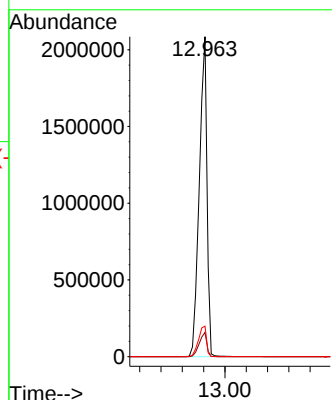


#79
 Terphenyl-d14
 Concen: 96.343 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128594.D
 Acq: 31 May 2022 14:36

Instrument :
 BNA_F
 ClientSampleId :
 PB145210BL



Tgt Ion:244 Resp: 2075063
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF128594.D
 Acq: 31 May 2022 14:36

Tgt Ion:264 Resp: 314705
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 17.2 25.8

