

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127144.D
 Acq On : 02 Mar 2022 13:45
 Operator : CG\JU
 Sample : N1721-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-2

Quant Time: Mar 03 00:56:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

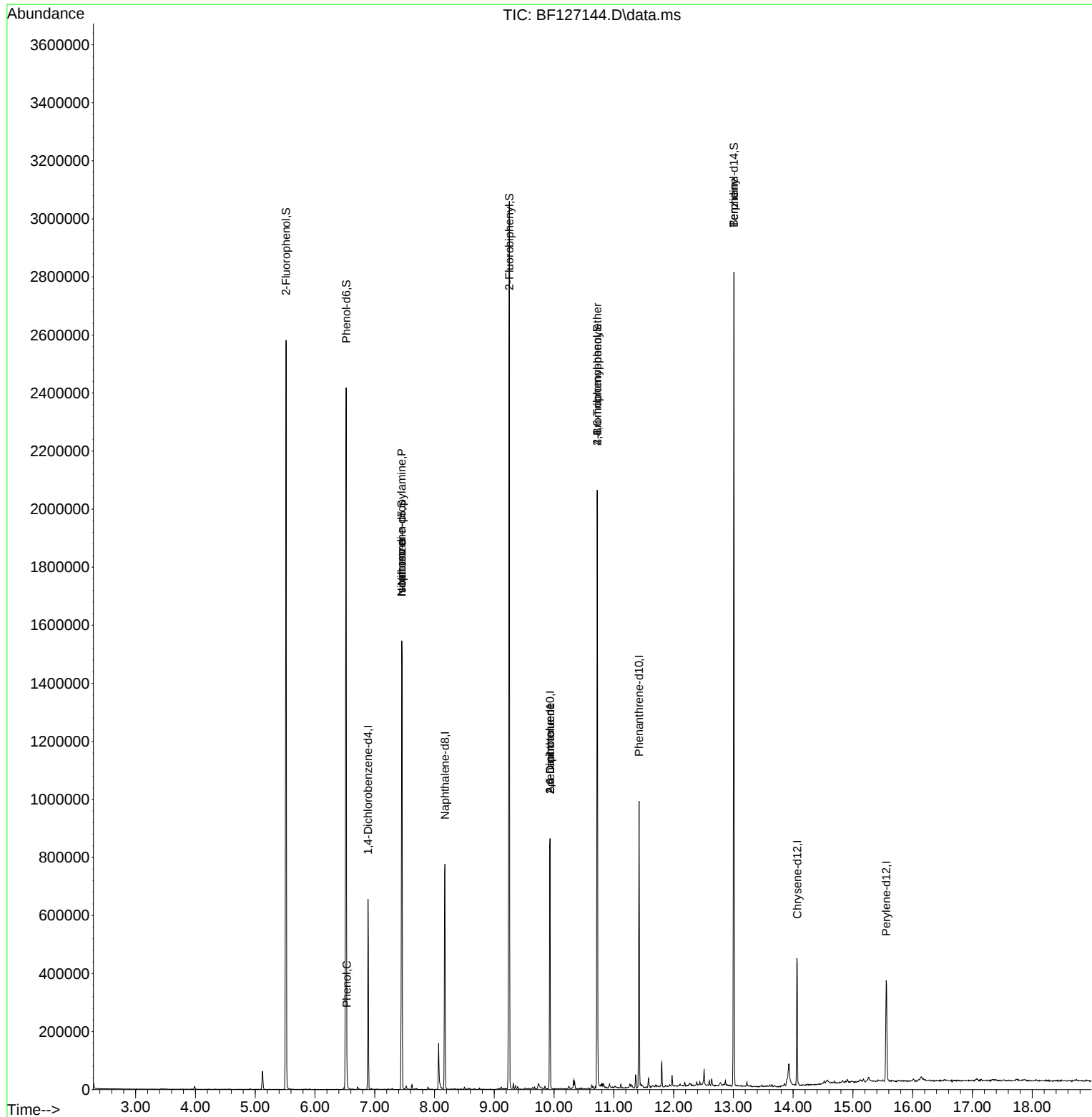
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	83874	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	338758	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	172564	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	305629	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	144906	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	151167	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	583161	107.461	ng	0.00
7) Phenol-d6	6.522	99	762003	104.062	ng	0.00
23) Nitrobenzene-d5	7.451	82	539492	71.884	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	227432	114.469	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	868230	74.069	ng	0.00
79) Terphenyl-d14	13.010	244	870794	88.340	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	22708	3.069	ng	87
19) n-Nitroso-di-n-propyla...	7.451	70	73854	15.652	ng	# 79
25) Isophorone	7.451	82	537664	43.294	ng	# 69
51) 2,6-Dinitrotoluene	9.934	165	21593	8.604	ng	# 21
57) 2,4-Dinitrotoluene	9.934	165	21593	6.364	ng	# 15
67) 4-Bromophenyl-phenylether	10.722	248	14098	4.129	ng	# 1
77) Benzydine	13.010	184	12764	3.241	ng	# 91

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

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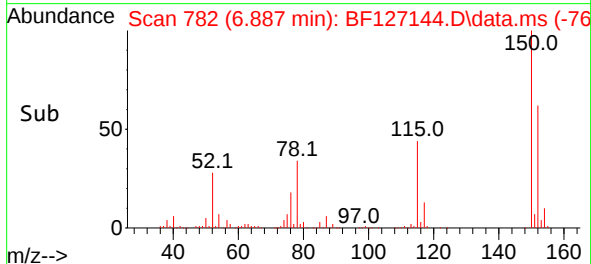
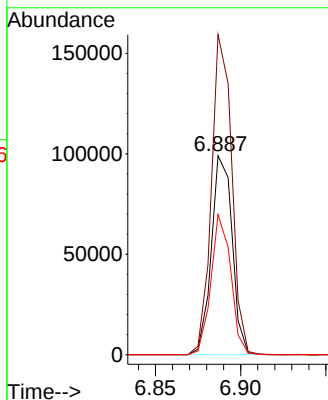
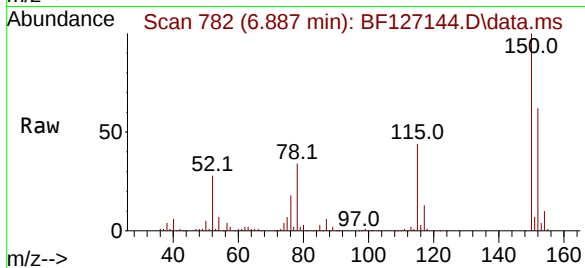




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

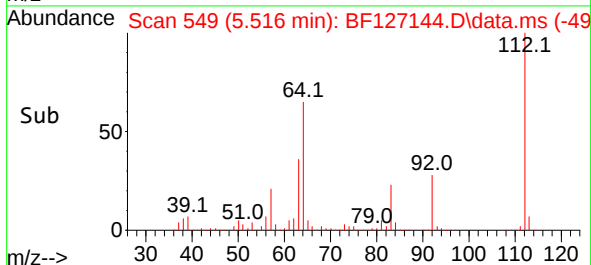
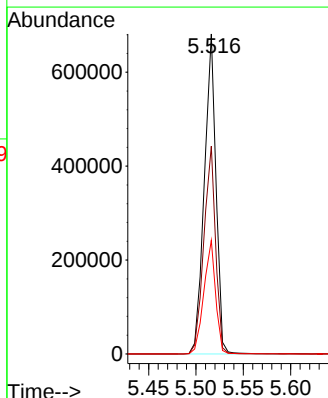
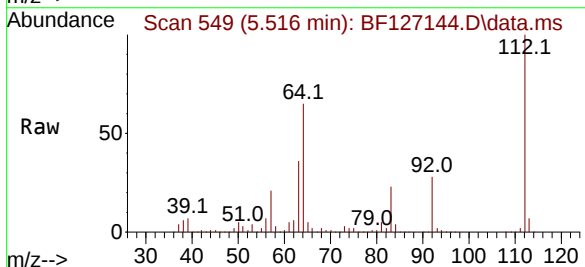
Instrument :
BNA_F
ClientSampleId :
DUM-2

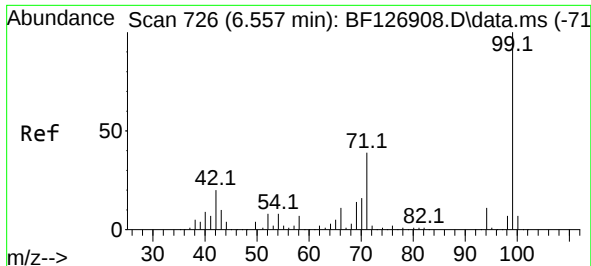
Tgt Ion:152 Resp: 83874
Ion Ratio Lower Upper
152 100
150 160.8 128.1 192.1
115 70.4 56.7 85.1



#5
2-Fluorophenol
Concen: 107.461 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion:112 Resp: 583161
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 35.5 23.9 35.9

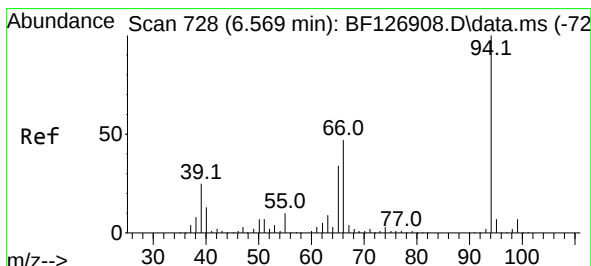
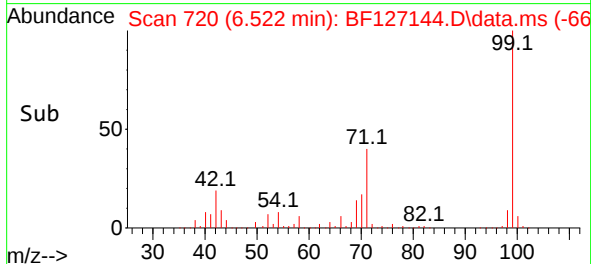
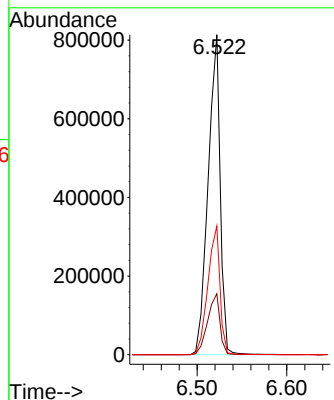
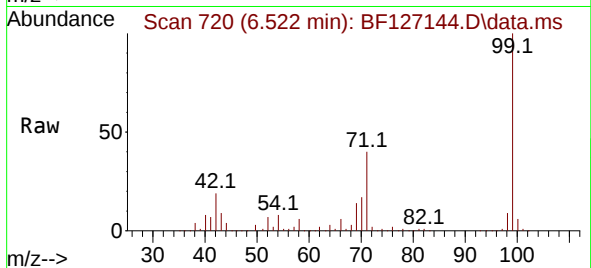




#7
Phenol-d6
Concen: 104.062 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

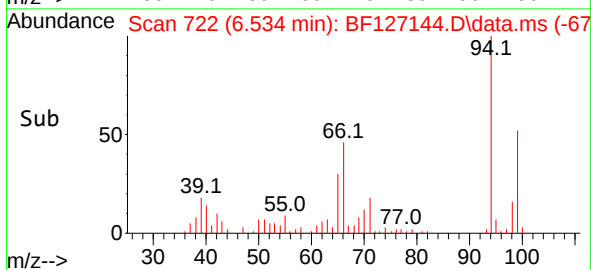
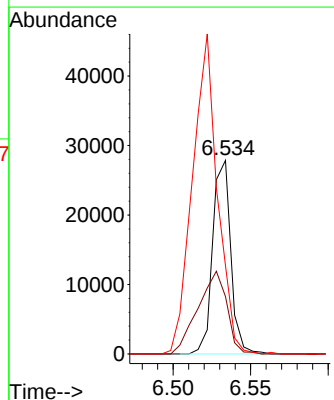
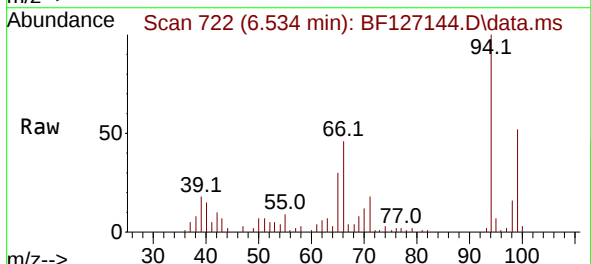
Instrument :
BNA_F
ClientSampleId :
DUM-2

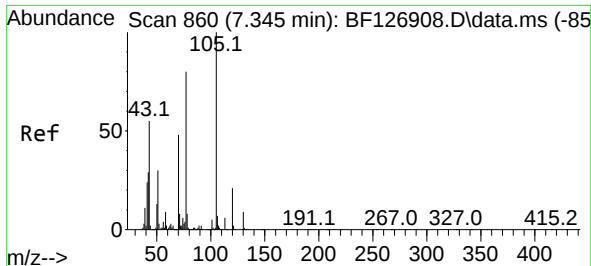
Tgt Ion: 99 Resp: 762003
Ion Ratio Lower Upper
99 100
42 19.1 14.2 21.4
71 40.2 24.3 36.5#



#10
Phenol
Concen: 3.069 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion: 94 Resp: 22708
Ion Ratio Lower Upper
94 100
65 29.7 7.2 47.2
66 45.6 14.5 54.5

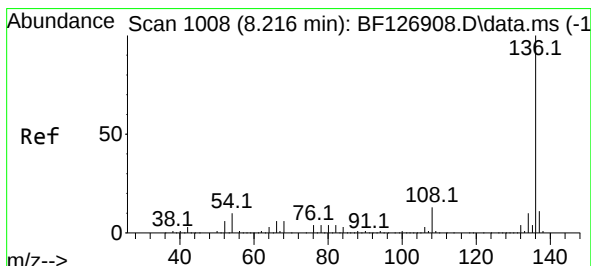
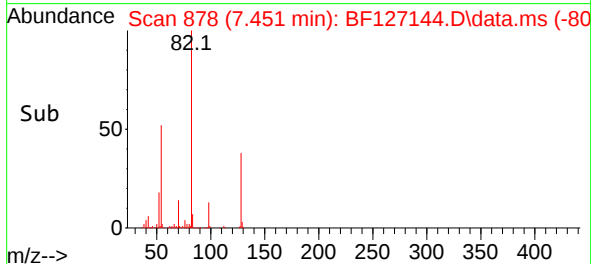
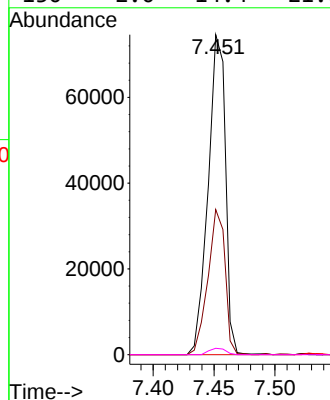
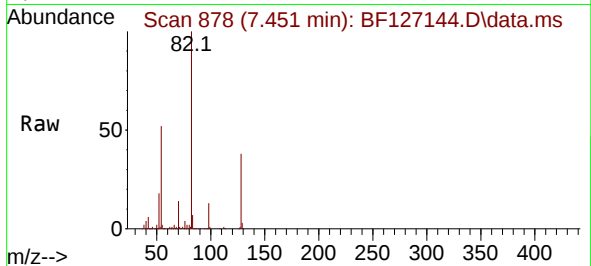




#19
n-Nitroso-di-n-propylamine
Concen: 15.652 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

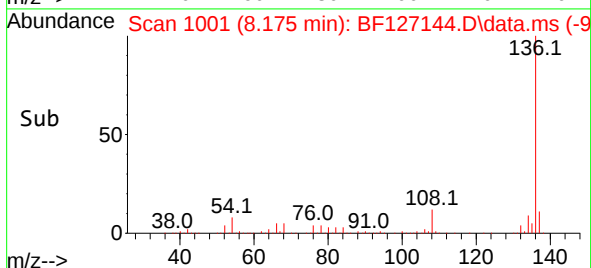
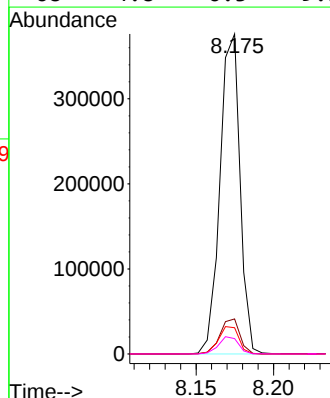
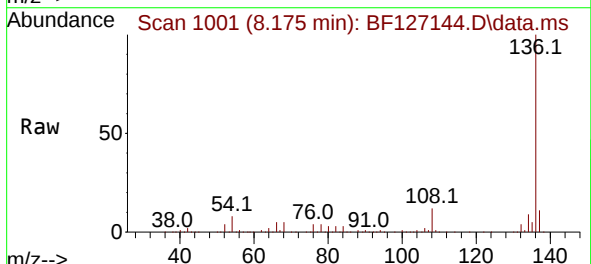
Instrument :
BNA_F
ClientSampleId :
DUM-2

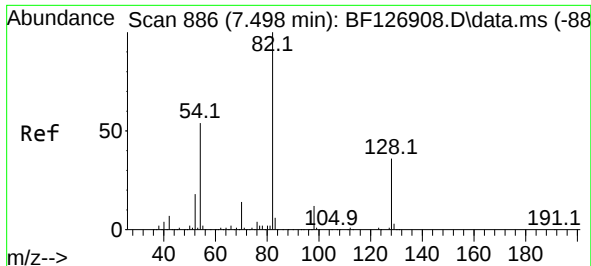
Tgt Ion:	70	Resp:	73854
Ion	Ratio	Lower	Upper
70	100		
42	45.3	45.8	68.8#
101	0.0	6.9	10.3#
130	2.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion:	136	Resp:	338758
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.2	7.8	11.6
68	4.8	6.3	9.5#

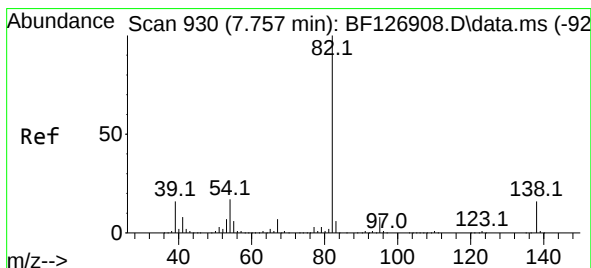
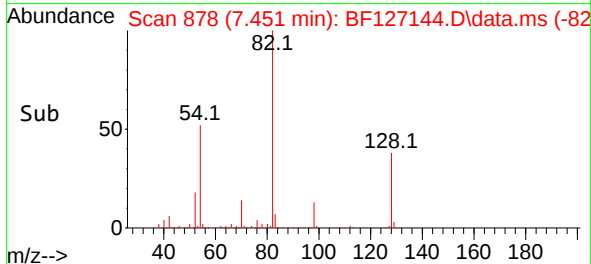
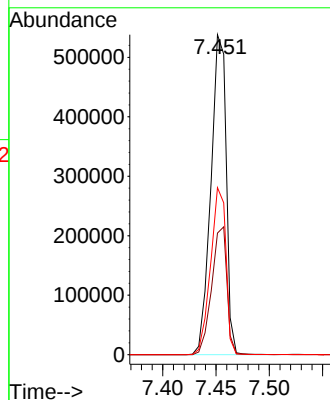
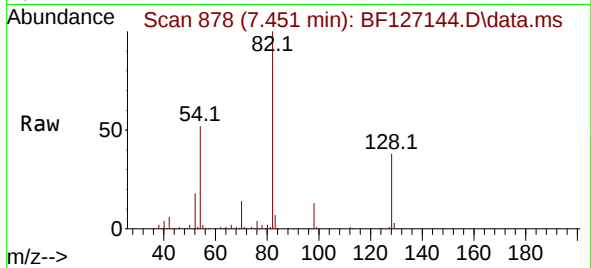




#23
Nitrobenzene-d5
Concen: 71.884 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

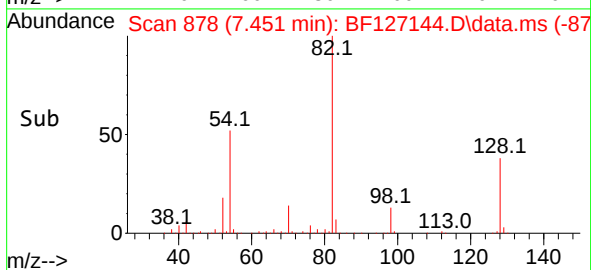
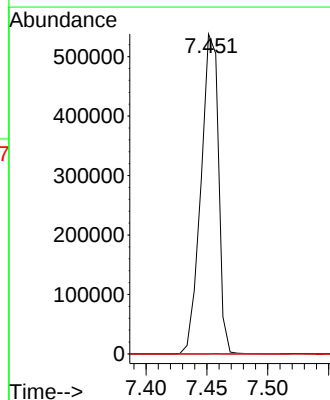
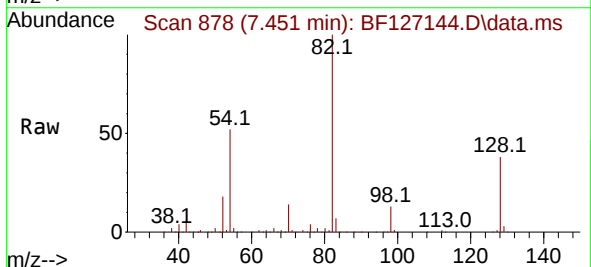
Instrument :
BNA_F
ClientSampleId :
DUM-2

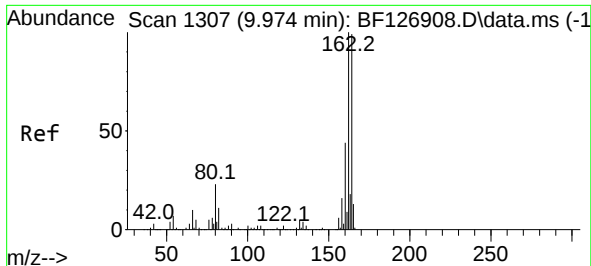
Tgt Ion: 82 Resp: 539492
Ion Ratio Lower Upper
82 100
128 38.0 32.7 49.1
54 52.2 41.7 62.5



#25
Isophorone
Concen: 43.294 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion: 82 Resp: 537664
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

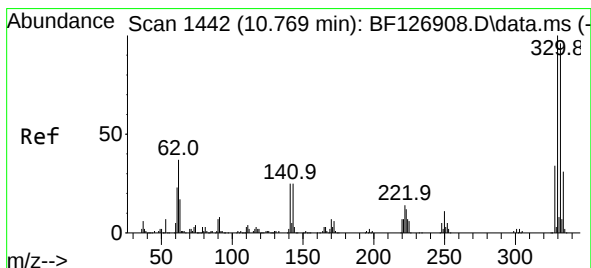
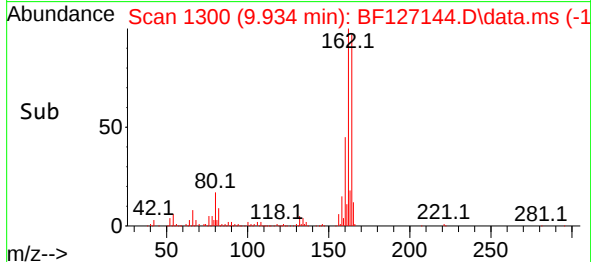
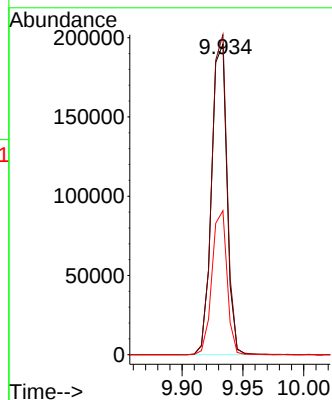
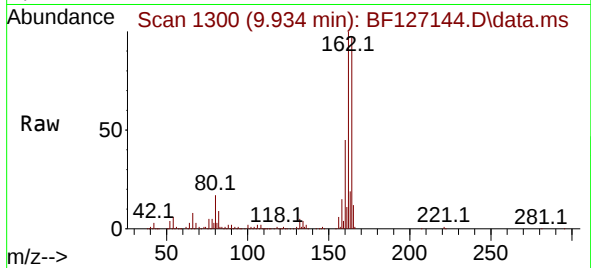




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

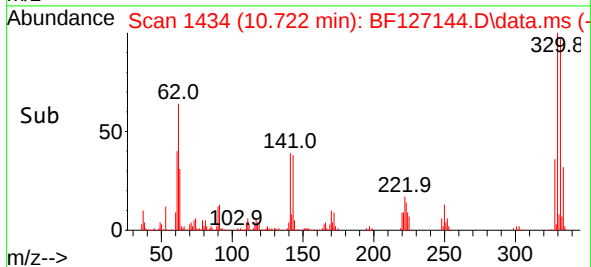
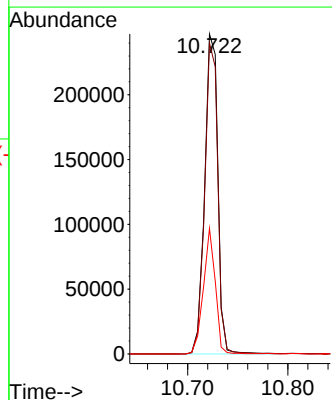
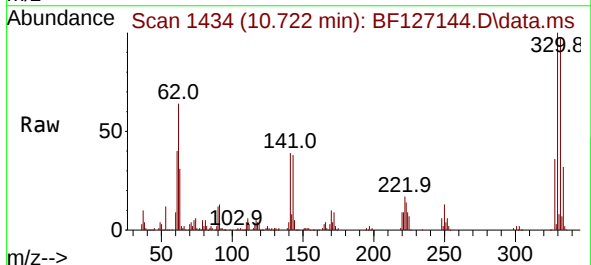
Instrument :
BNA_F
ClientSampleId :
DUM-2

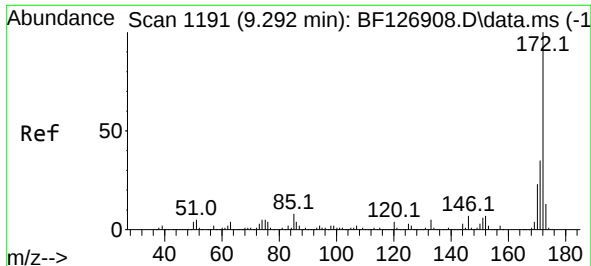
Tgt Ion:164 Resp: 172564
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 46.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 114.469 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion:330 Resp: 227432
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 35.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 74.069 ng

RT: 9.251 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127144.D

Acq: 02 Mar 2022 13:45

Instrument :

BNA_F

ClientSampleId :

DUM-2

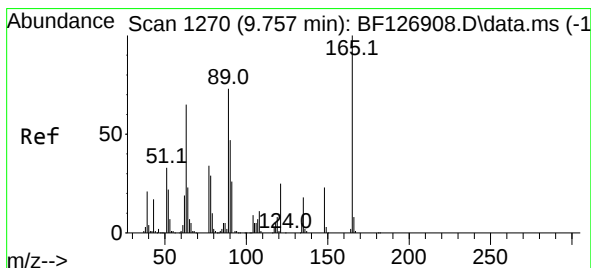
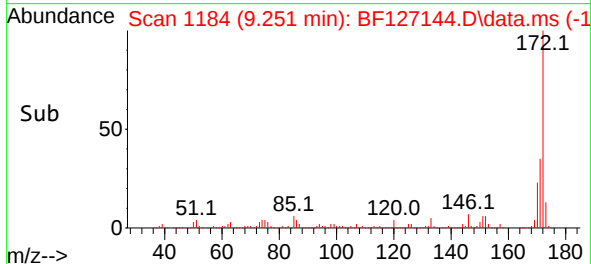
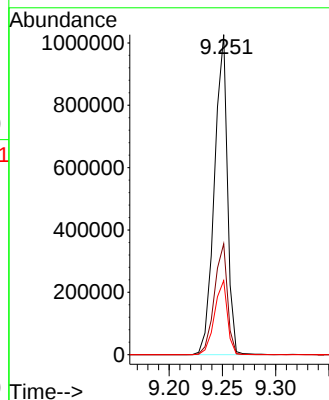
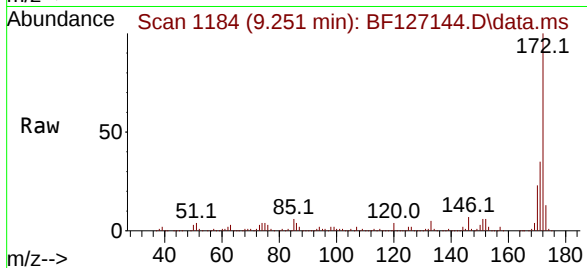
Tgt Ion:172 Resp: 868230

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.604 ng

RT: 9.934 min Scan# 1300

Delta R.T. 0.212 min

Lab File: BF127144.D

Acq: 02 Mar 2022 13:45

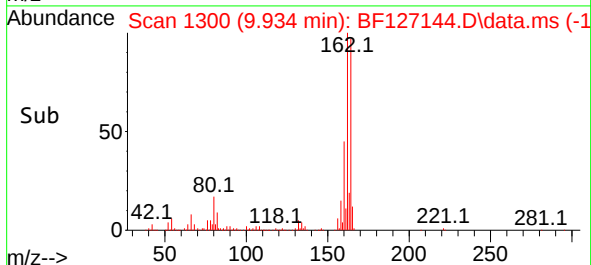
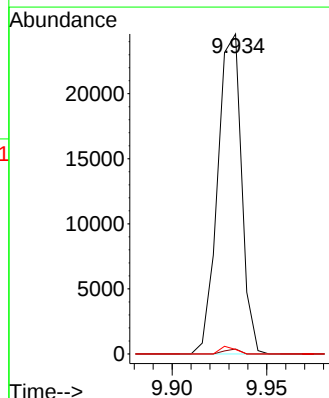
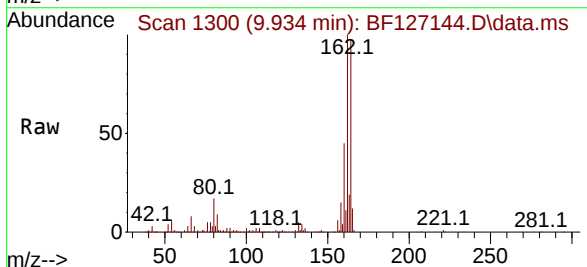
Tgt Ion:165 Resp: 21593

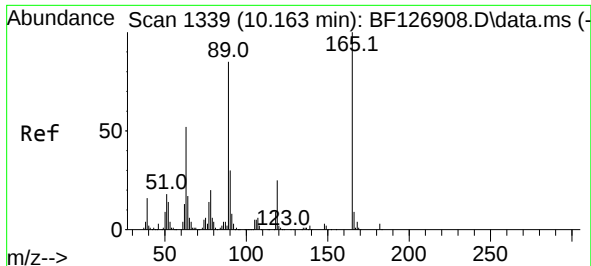
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.4 50.5 75.7#

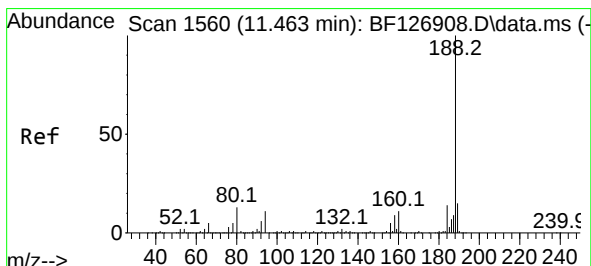
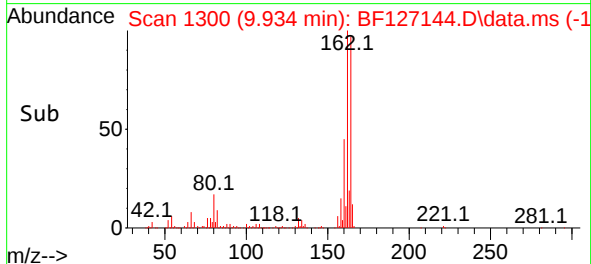
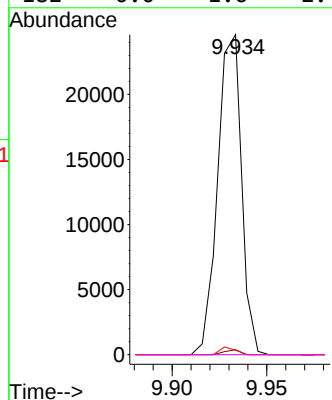
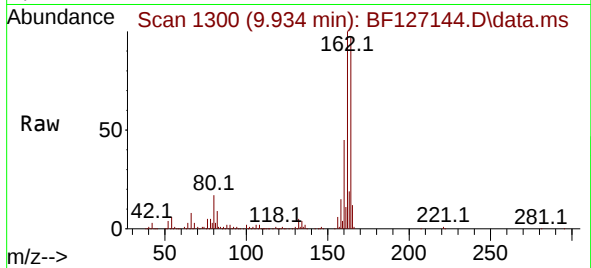




#57
2,4-Dinitrotoluene
Concen: 6.364 ng
RT: 9.934 min Scan# 1153
Delta R.T. -0.194 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

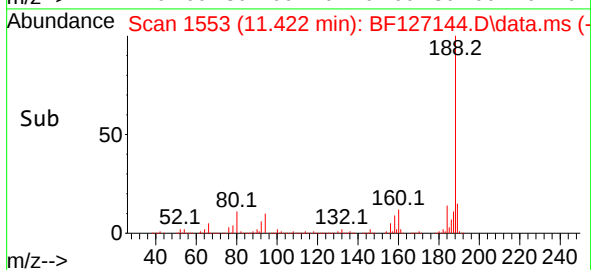
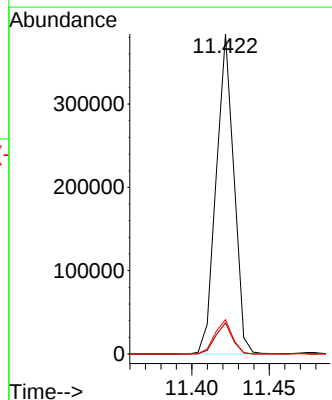
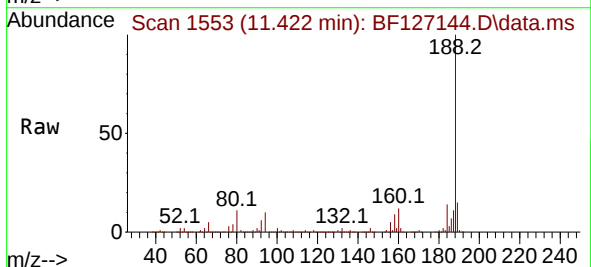
Instrument :
BNA_F
ClientSampleId :
DUM-2

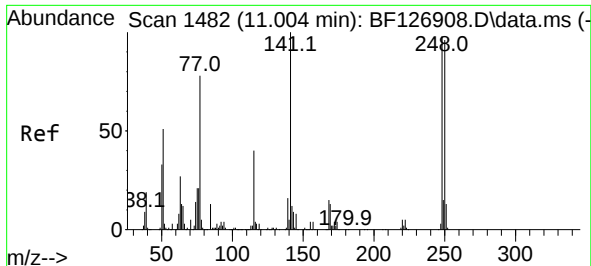
Tgt Ion:165 Resp: 21593
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.4 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion:188 Resp: 305629
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 10.7 11.8 17.6#

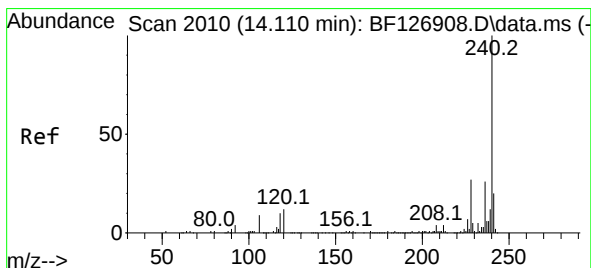
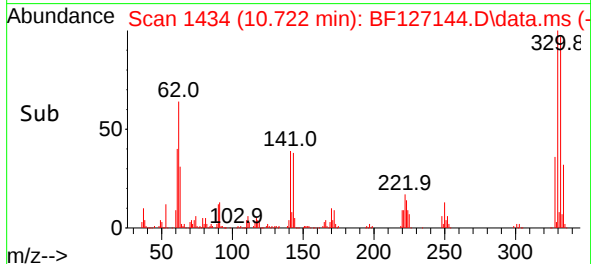
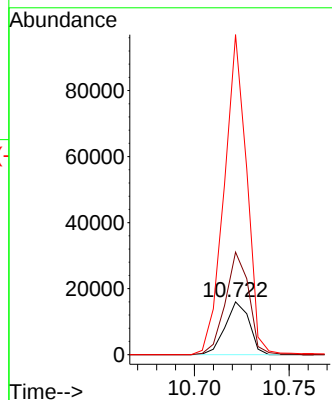
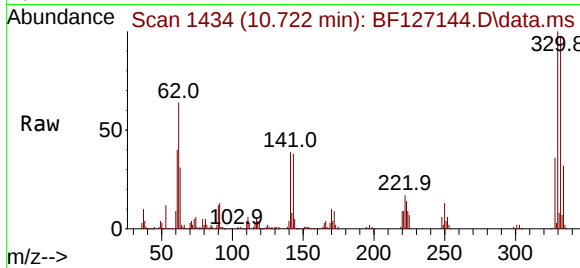




#67
4-Bromophenyl-phenylether
Concen: 4.129 ng
RT: 10.722 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

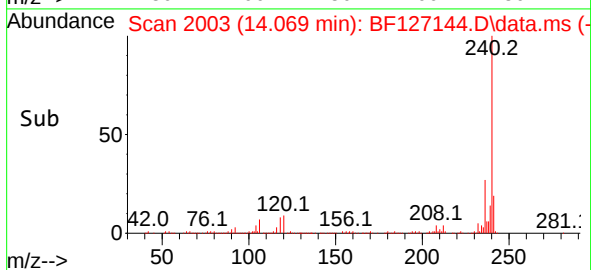
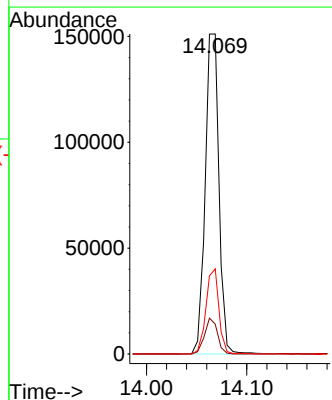
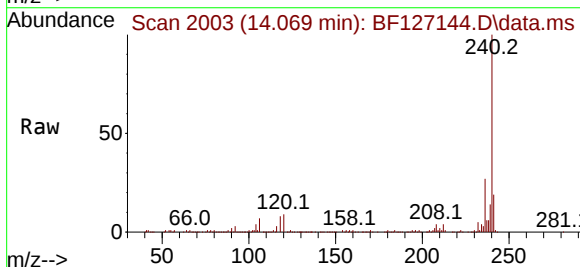
Instrument :
BNA_F
ClientSampleId :
DUM-2

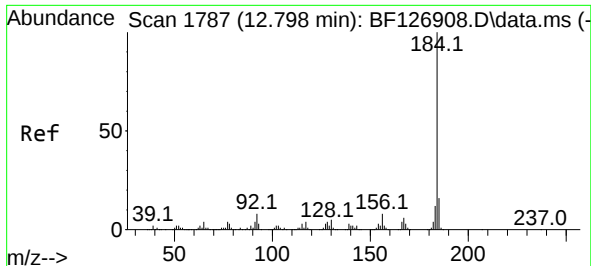
Tgt Ion:248 Resp: 14098
Ion Ratio Lower Upper
248 100
250 194.3 76.2 114.4#
141 606.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion:240 Resp: 144906
Ion Ratio Lower Upper
240 100
120 9.3 14.4 21.6#
236 26.6 20.5 30.7

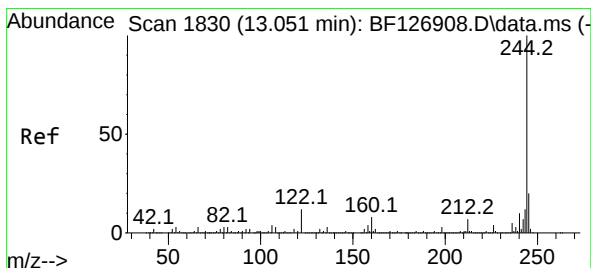
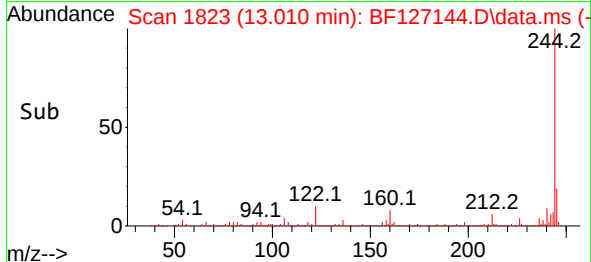
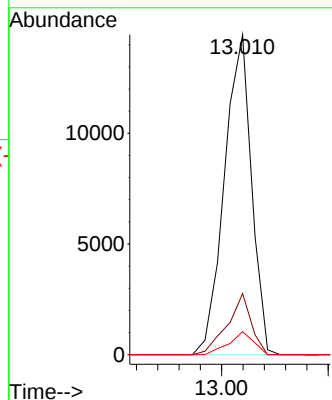
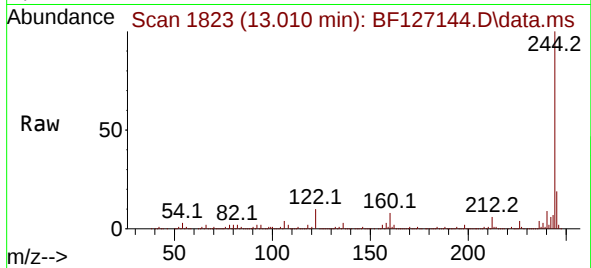




#77
Benzidine
Concen: 3.241 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

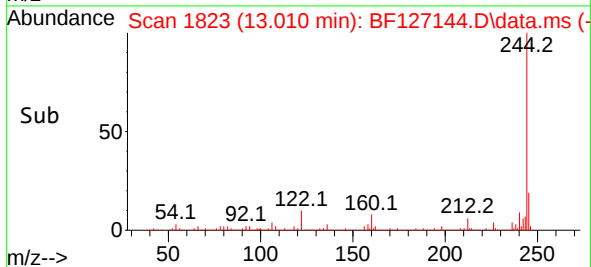
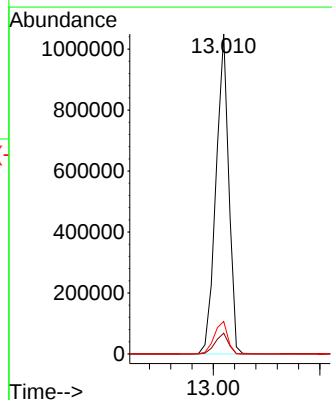
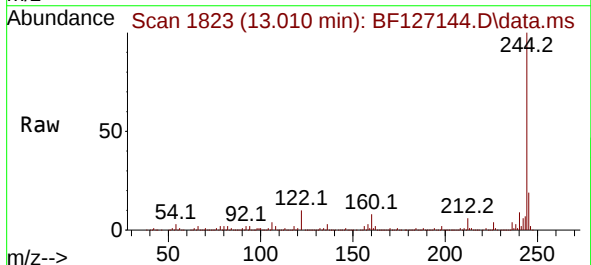
Instrument :
BNA_F
ClientSampleId :
DUM-2

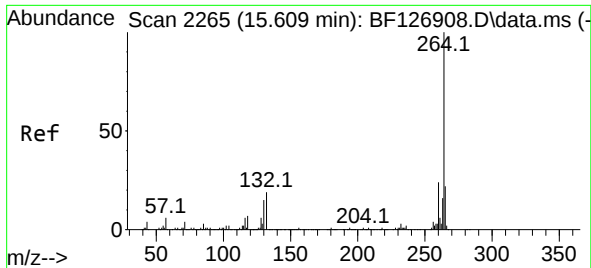
Tgt Ion:184 Resp: 12764
Ion Ratio Lower Upper
184 100
185 19.1 11.8 17.8#
183 7.2 8.2 12.2#



#79
Terphenyl-d14
Concen: 88.340 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Tgt Ion:244 Resp: 870794
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.1 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127144.D
Acq: 02 Mar 2022 13:45

Instrument :
BNA_F
ClientSampleId :
DUM-2

Tgt Ion:264 Resp: 151167
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.2 17.4 26.2

