

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128337.D
 Acq On : 19 May 2022 15:30
 Operator : CG\JU
 Sample : N2776-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-280MER-10-15

Quant Time: May 19 16:52:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

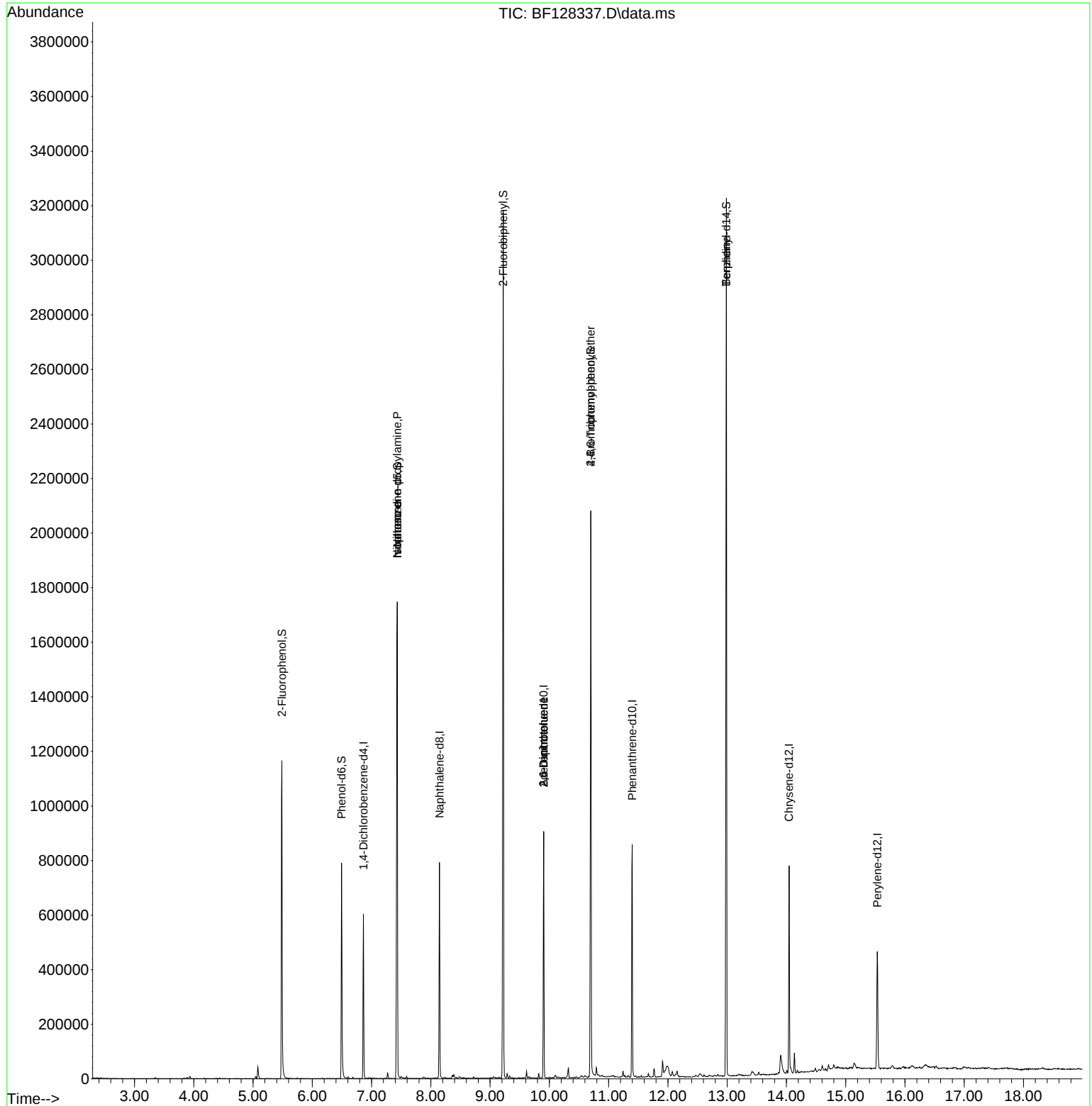
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	75844	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	314495	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	170612	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	311937	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	236666	20.000	ng	-0.01
86) Perylene-d12	15.533	264	198484	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	306984	64.524	ng	0.00
7) Phenol-d6	6.493	99	242964	38.610	ng	-0.02
23) Nitrobenzene-d5	7.434	82	626745	89.672	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	239857	122.582	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	943597	86.538	ng	-0.01
79) Terphenyl-d14	12.986	244	1075595	85.279	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	69	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	84858	21.897	ng	# 77
25) Isophorone	7.434	82	626737	57.197	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	22026	9.120	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	22026	6.820	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	14382	4.285	ng	# 1
77) Benizidine	12.986	184	16247	3.170	ng	# 94

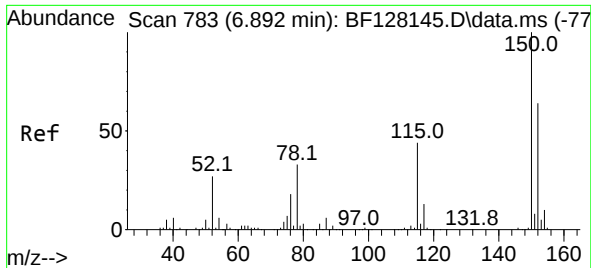
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 19 16:52:32 2022
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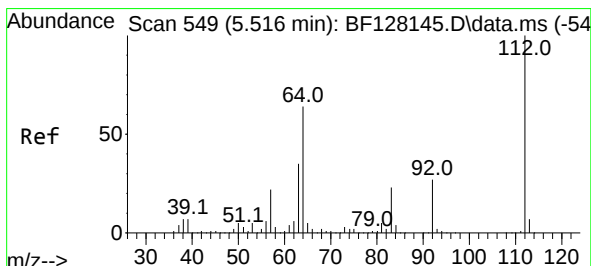
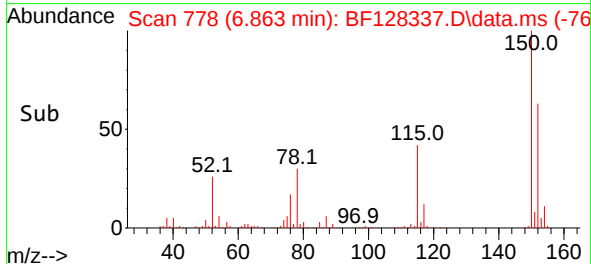
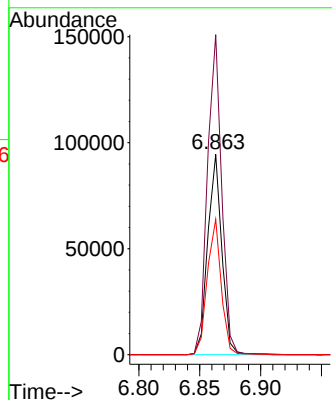
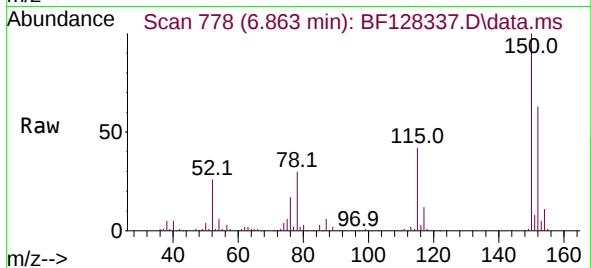




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

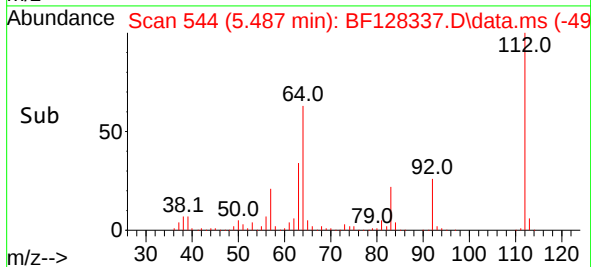
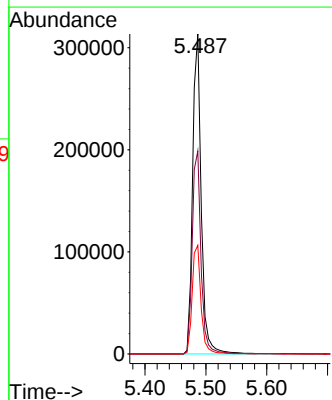
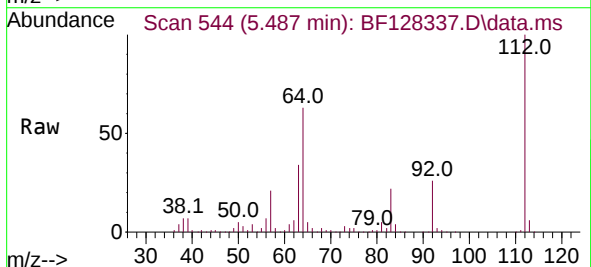
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

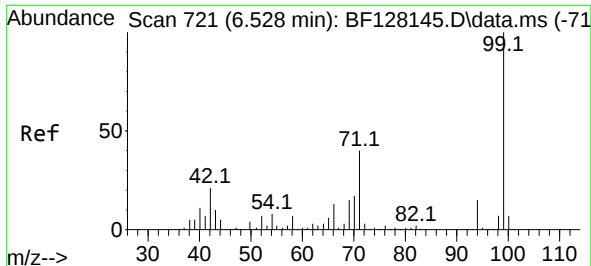
Tgt Ion:152 Resp: 75844
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 67.6 48.8 73.2



#5
2-Fluorophenol
Concen: 64.524 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

Tgt Ion:112 Resp: 306984
Ion Ratio Lower Upper
112 100
64 63.5 49.5 74.3
63 34.0 26.3 39.5

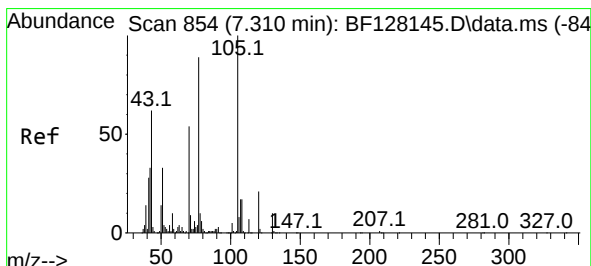
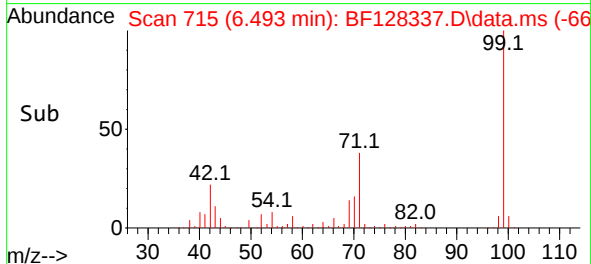
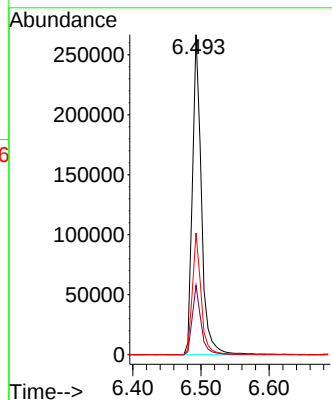
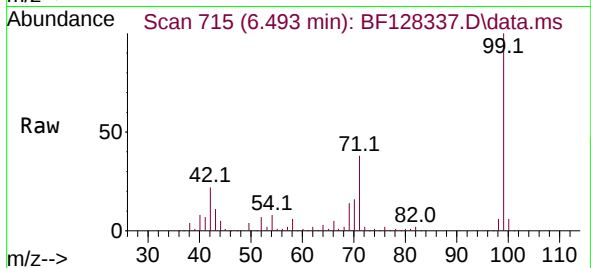




#7
Phenol-d6
Concen: 38.610 ng
RT: 6.493 min Scan# 715
Delta R.T. -0.017 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

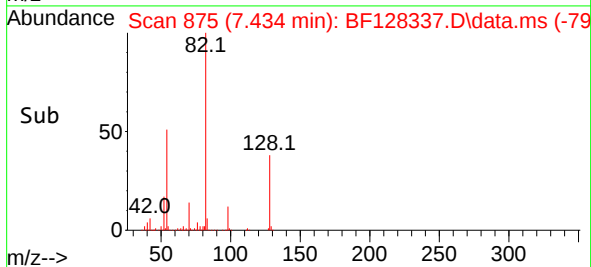
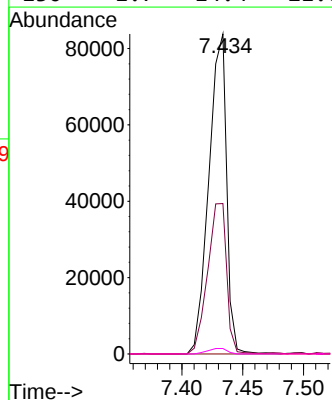
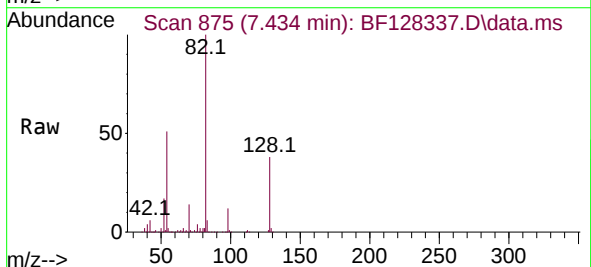
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

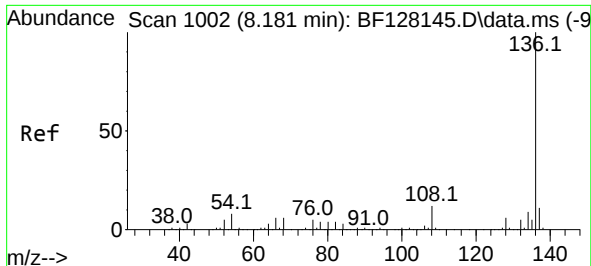
Tgt Ion: 99 Resp: 242964
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.897 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

Tgt Ion: 70 Resp: 84858
Ion Ratio Lower Upper
70 100
42 47.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

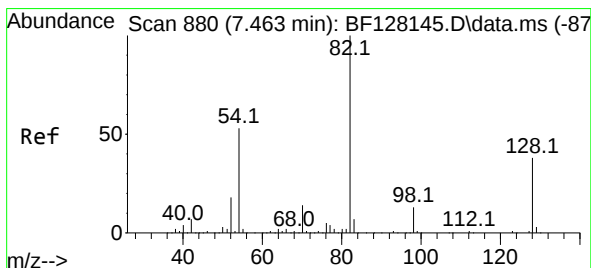
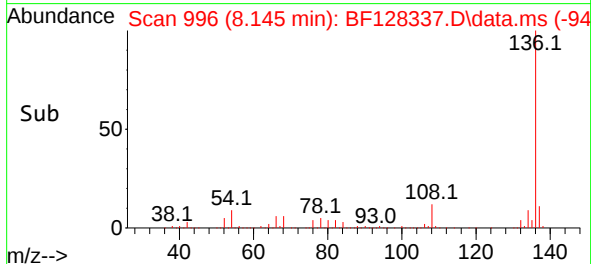
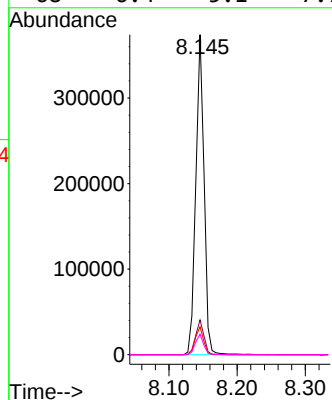
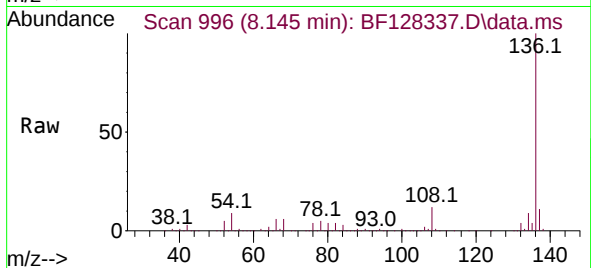




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

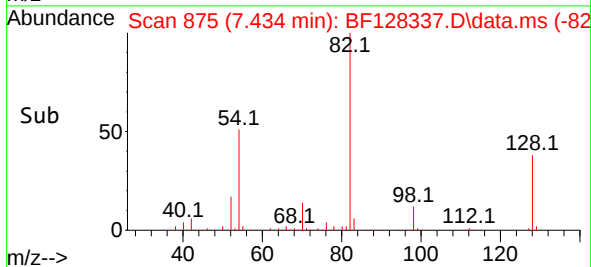
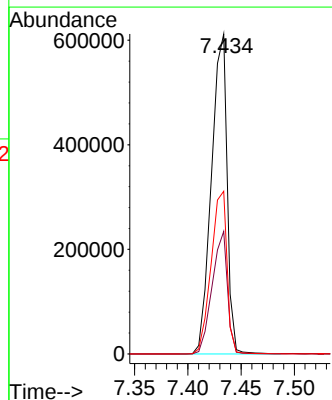
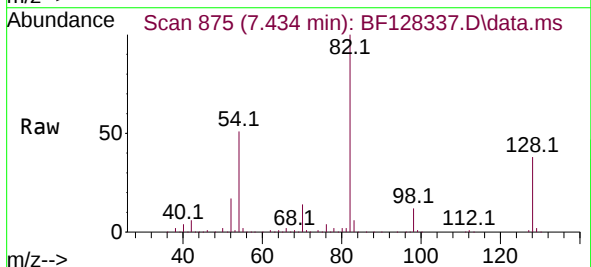
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

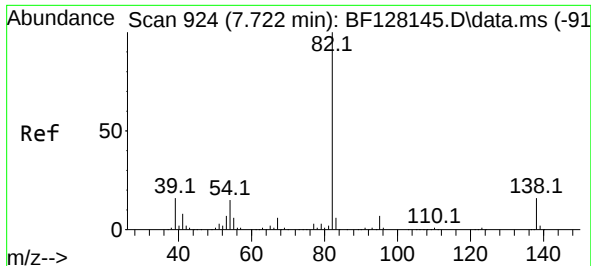
Tgt Ion:136	Resp: 314495
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.7	6.8 10.2
68 6.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 89.672 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

Tgt Ion: 82	Resp: 626745
Ion Ratio	Lower Upper
82 100	
128 38.3	30.0 45.0
54 50.9	41.3 61.9

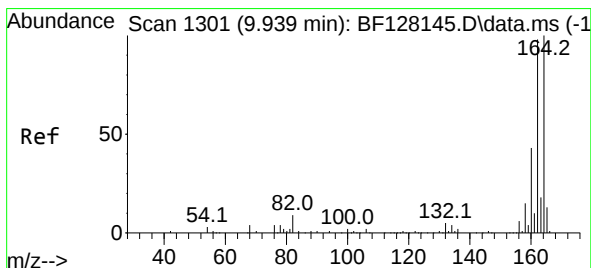
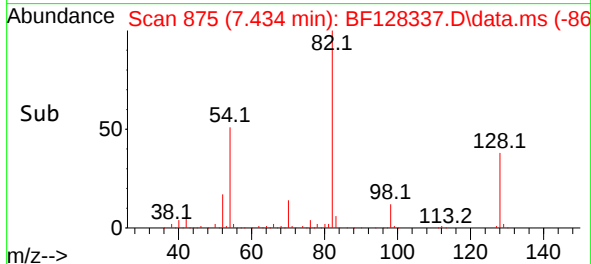
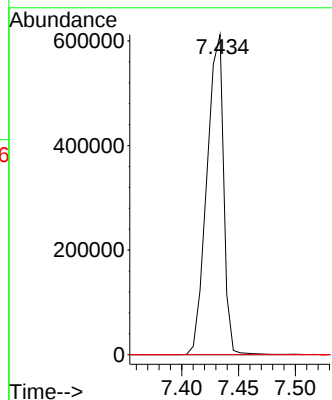
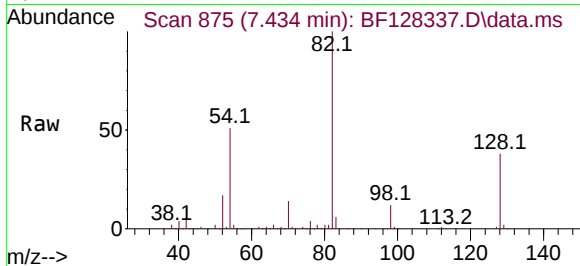




#25
Isophorone
Concen: 57.197 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

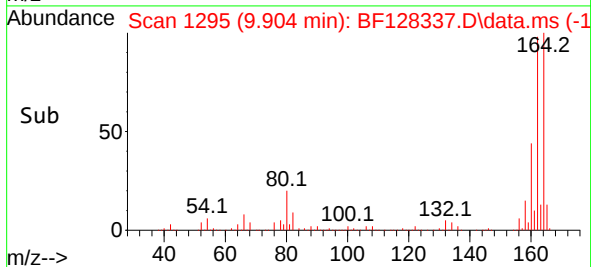
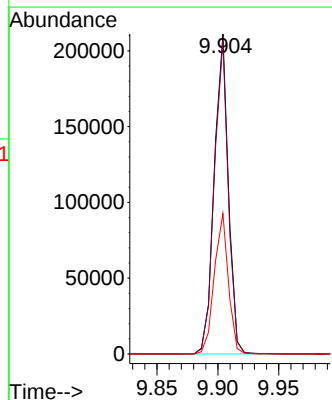
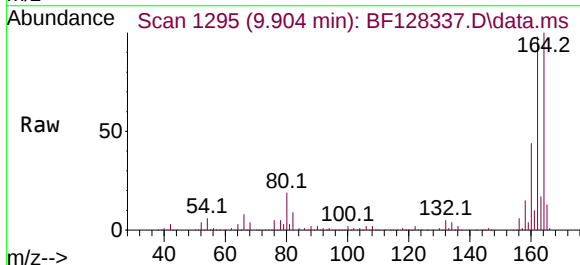
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

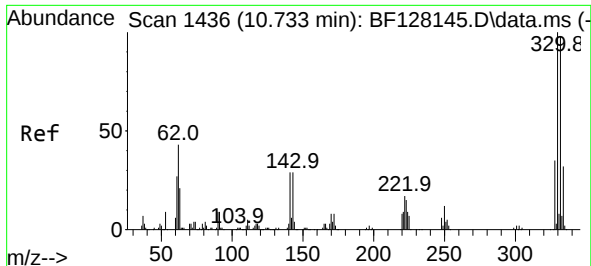
Tgt Ion: 82 Resp: 626737
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

Tgt Ion:164 Resp: 170612
Ion Ratio Lower Upper
164 100
162 97.9 76.0 114.0
160 43.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 122.582 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128337.D

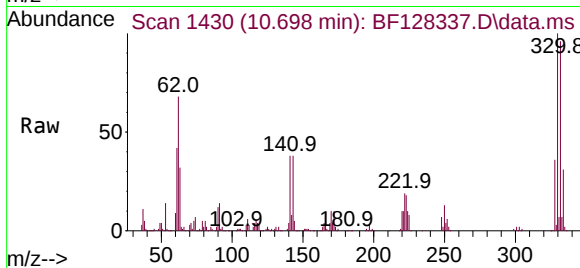
Acq: 19 May 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CF-280MER-10-15



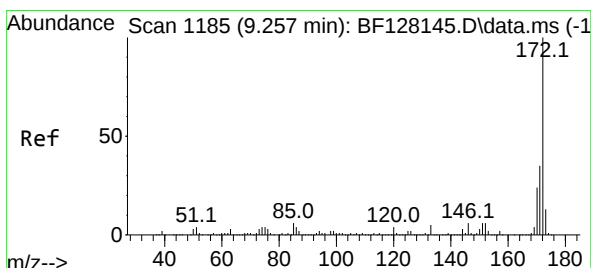
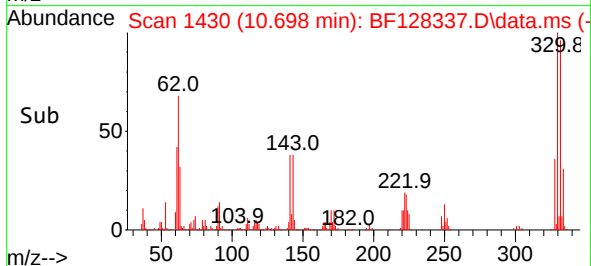
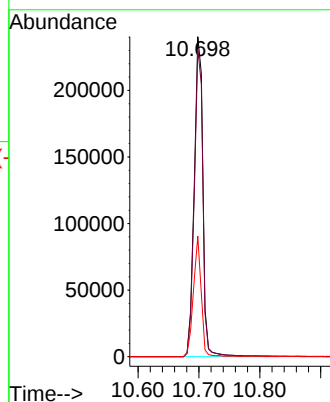
Tgt Ion:330 Resp: 239857

Ion Ratio Lower Upper

330 100

332 94.7 79.0 118.4

141 33.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 86.538 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128337.D

Acq: 19 May 2022 15:30

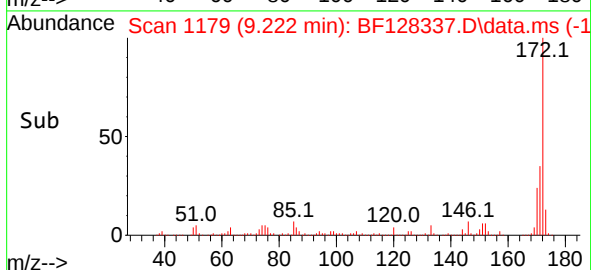
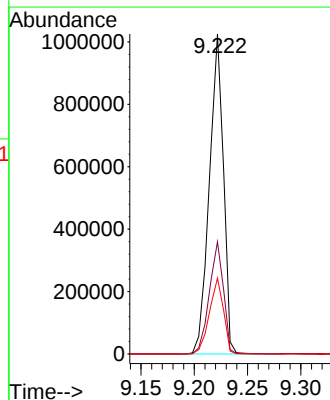
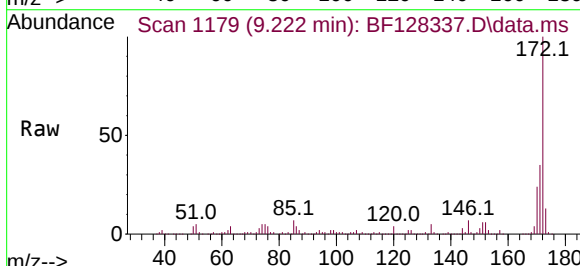
Tgt Ion:172 Resp: 943597

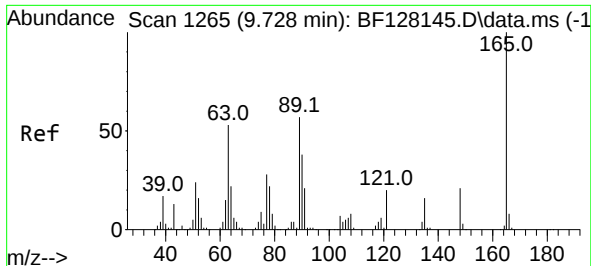
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.7 19.1 28.7

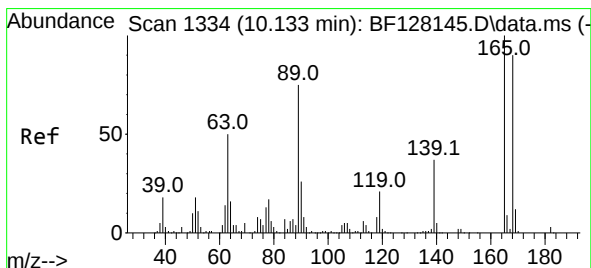
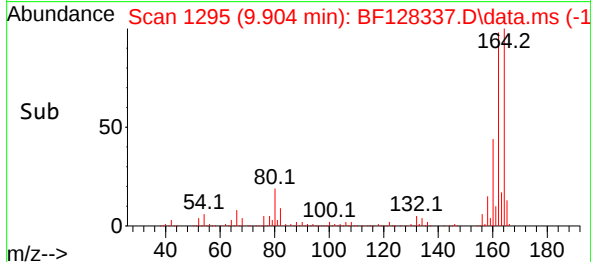
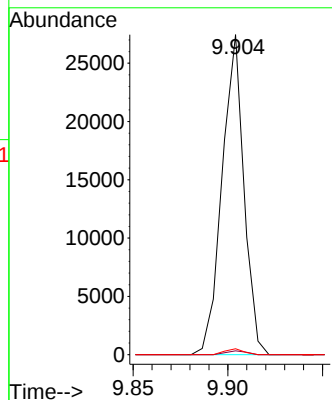
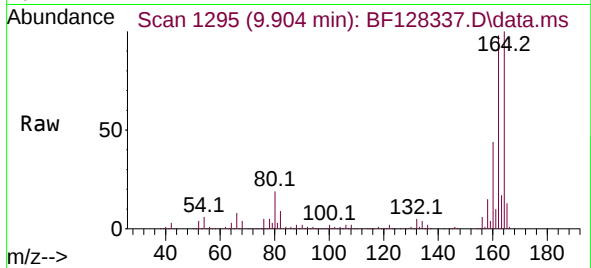




#51
2,6-Dinitrotoluene
Concen: 9.120 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

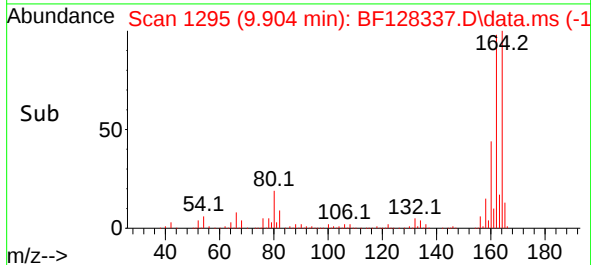
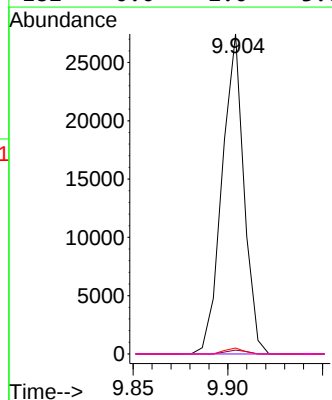
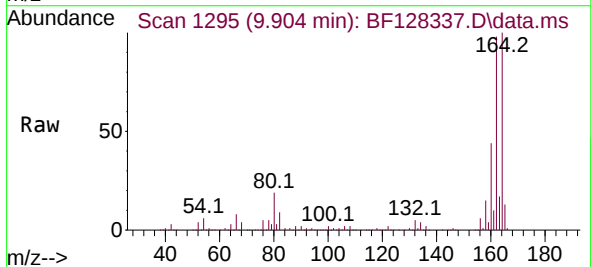
Instrument :
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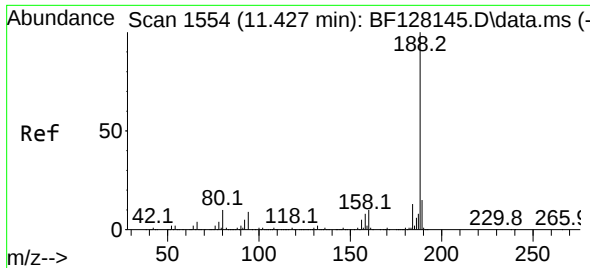
Tgt Ion:165 Resp: 22026
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.820 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

Tgt Ion:165 Resp: 22026
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

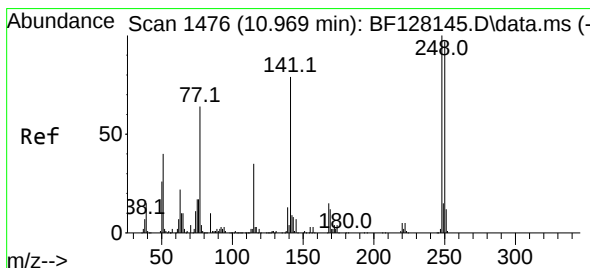
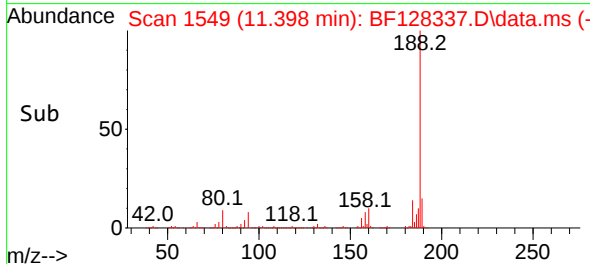
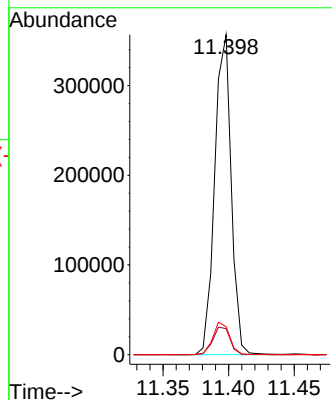
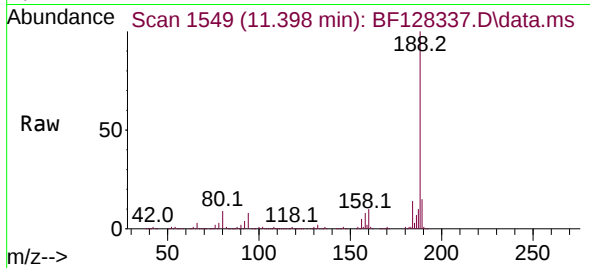




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

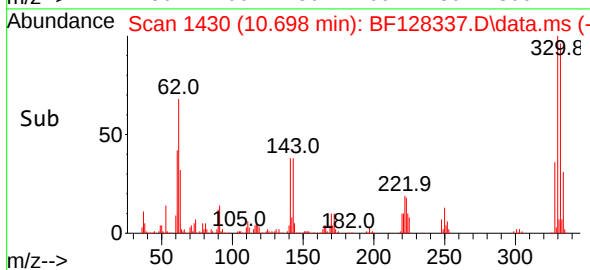
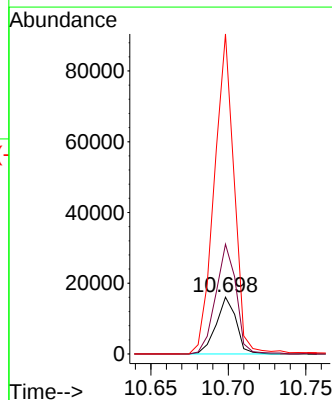
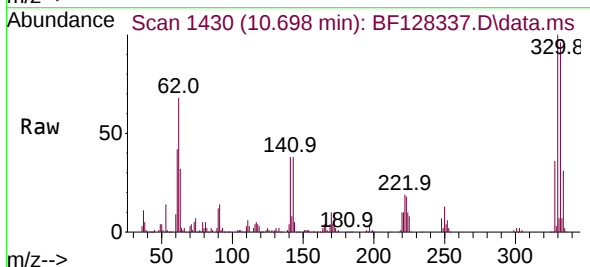
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

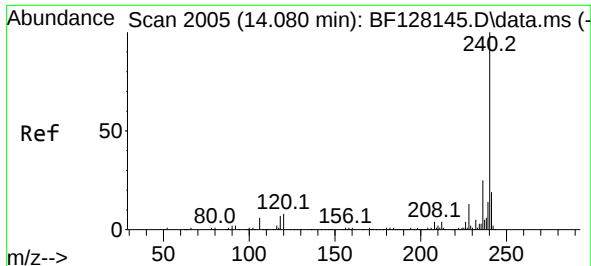
Tgt Ion:188 Resp: 311937
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 8.8 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.285 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

Tgt Ion:248 Resp: 14382
Ion Ratio Lower Upper
248 100
250 193.2 77.7 116.5#
141 563.6 65.6 98.4#

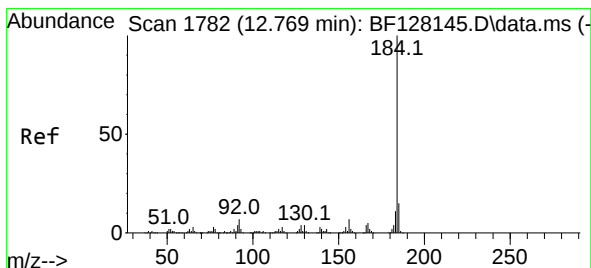
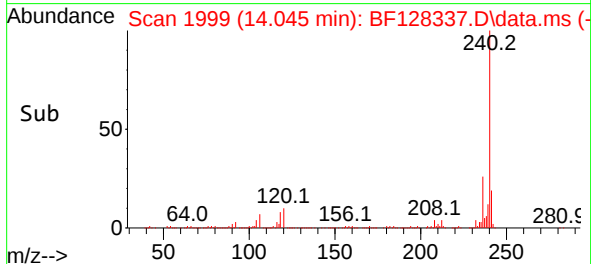
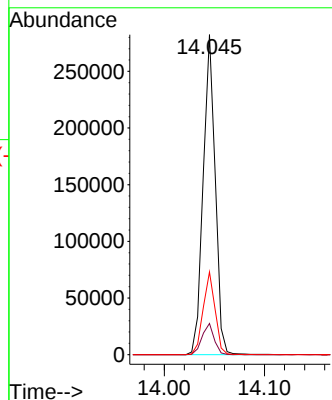
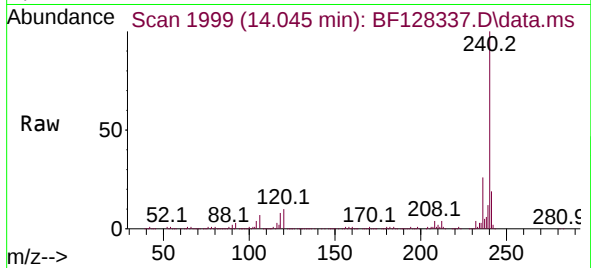




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

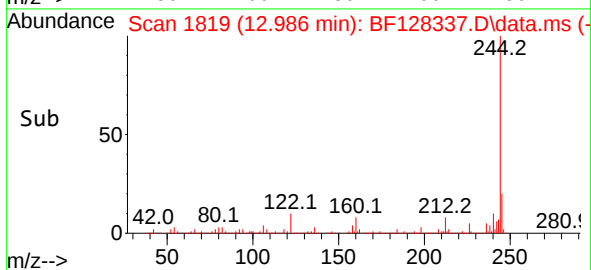
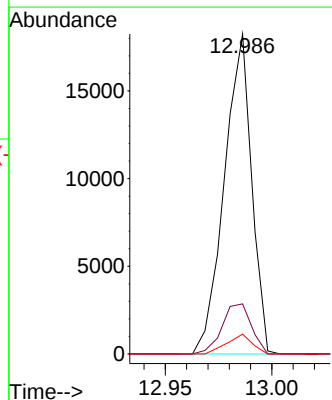
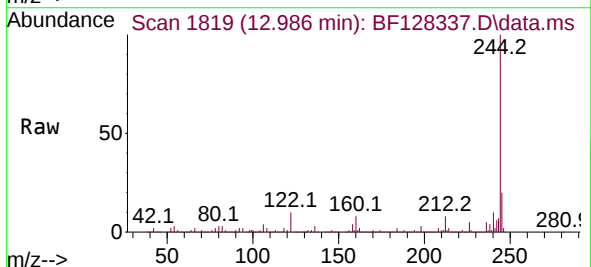
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

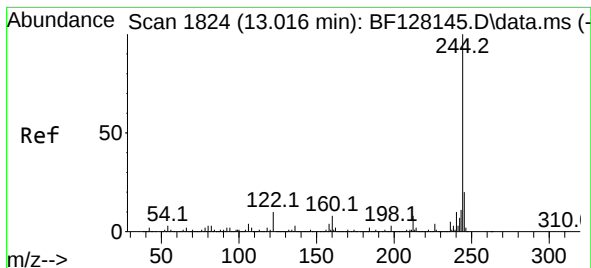
Tgt Ion:240 Resp: 236666
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 3.170 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF128337.D
Acq: 19 May 2022 15:30

Tgt Ion:184 Resp: 16247
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 6.2 9.0 13.4#





#79

Terphenyl-d14

Concen: 85.279 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128337.D

Acq: 19 May 2022 15:30

Instrument :

BNA_F

ClientSampleId :

CF-280MER-10-15

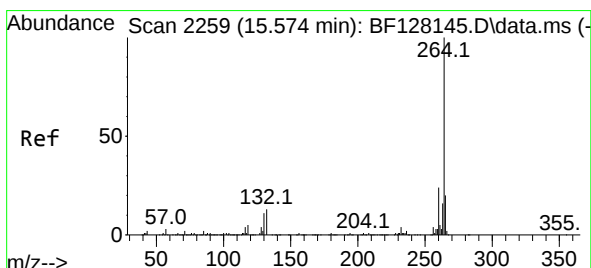
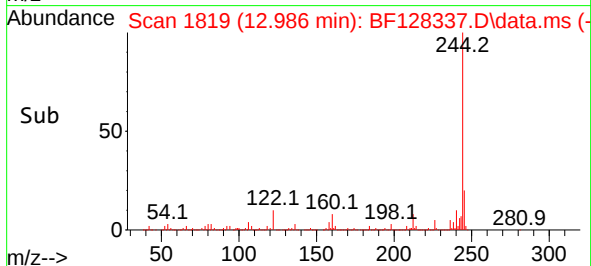
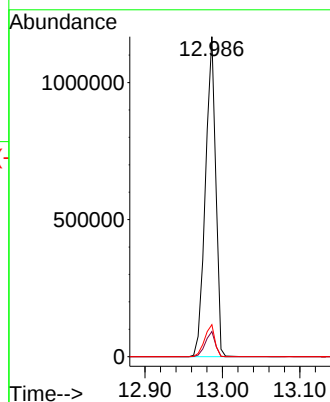
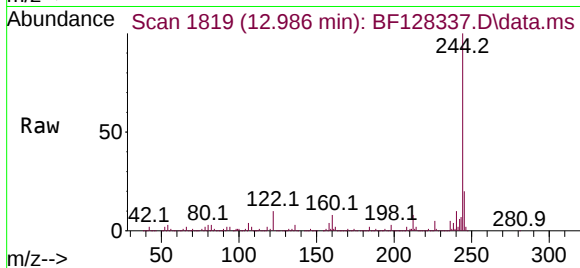
Tgt Ion:244 Resp: 1075595

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

122 10.0 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2252

Delta R.T. -0.012 min

Lab File: BF128337.D

Acq: 19 May 2022 15:30

Tgt Ion:264 Resp: 198484

Ion Ratio Lower Upper

264 100

260 23.4 20.1 30.1

265 21.1 17.5 26.3

