

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128349.D
 Acq On : 19 May 2022 21:25
 Operator : CG\JU
 Sample : N2864-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P011-SS003-2430-01

Quant Time: May 20 02:47:17 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)

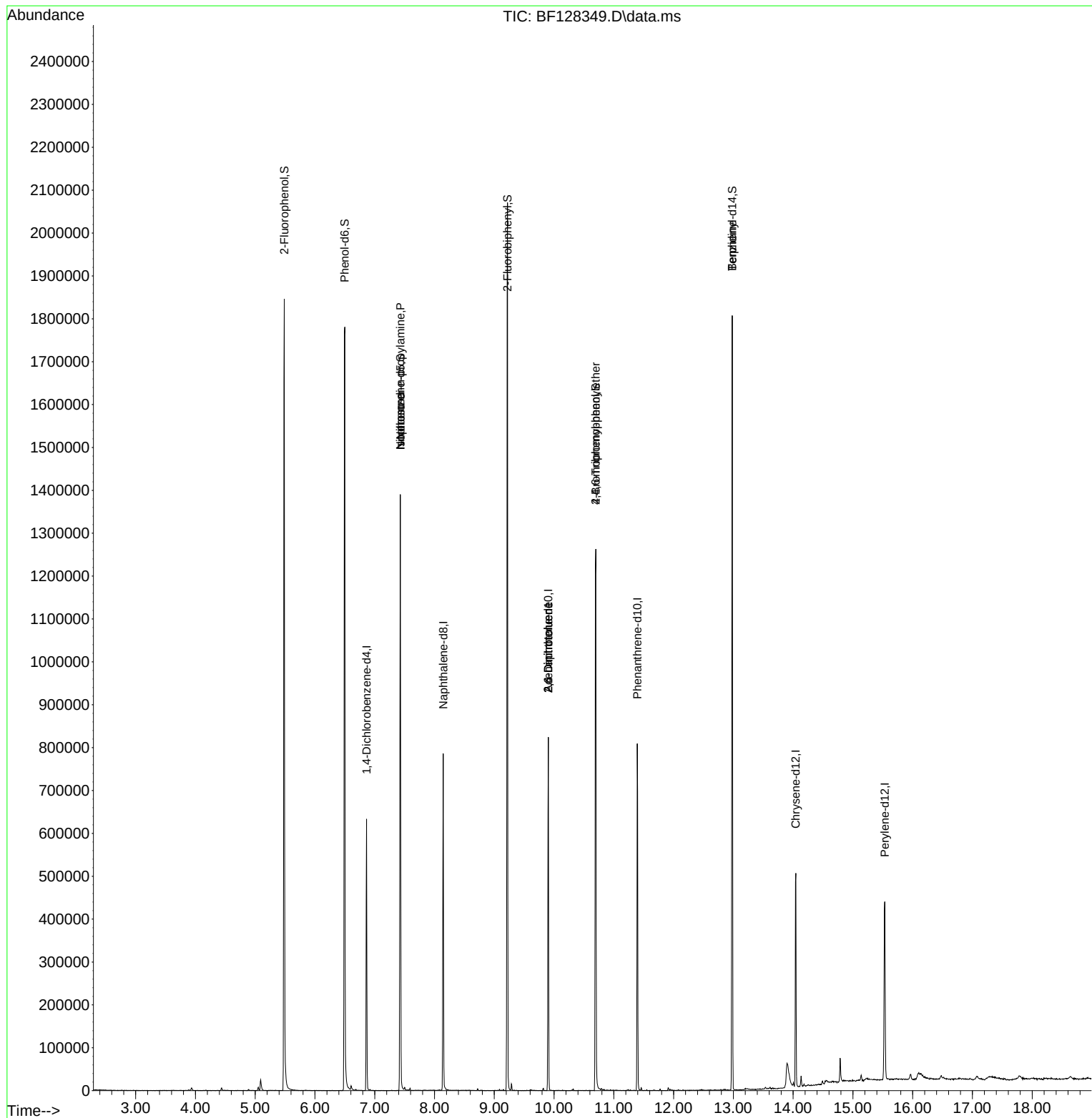
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83245	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	310766	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	162798	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	296790	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	177129	20.000	ng	-0.01
86) Perylene-d12	15.533	264	194901	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	483508	92.591	ng	0.00
7) Phenol-d6	6.498	99	629471	91.137	ng	-0.01
23) Nitrobenzene-d5	7.428	82	436871	63.256	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	153713	82.327	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	631230	60.669	ng	-0.01
79) Terphenyl-d14	12.980	244	575331	60.948	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	983	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	58755	13.814	ng	# 79
25) Isophorone	7.428	82	436866	40.347	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	21469	9.316	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	21469	6.967	ng	# 25
67) 4-Bromophenyl-phenylether	10.698	248	9543	2.989	ng	# 1
77) Benizidine	12.980	184	8421	2.195	ng	# 93

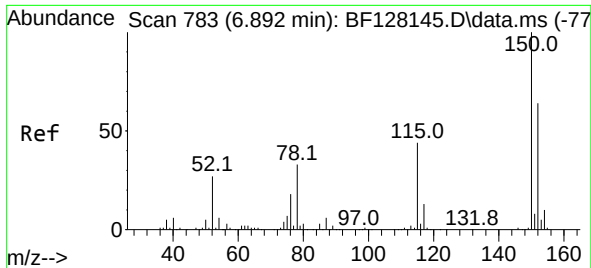
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Quant Time: May 20 02:47:17 2022
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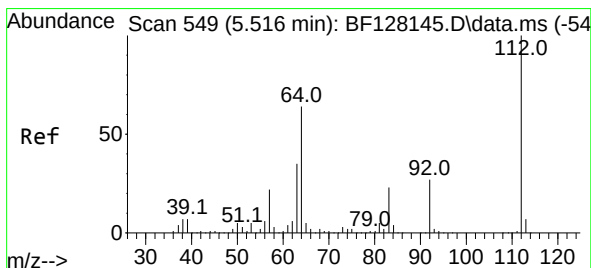
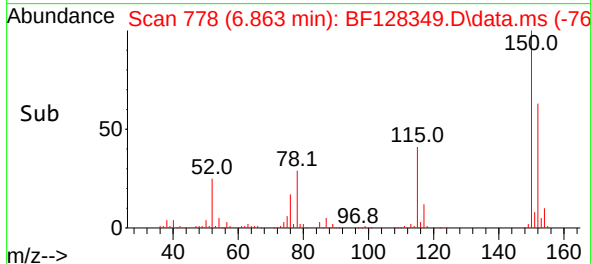
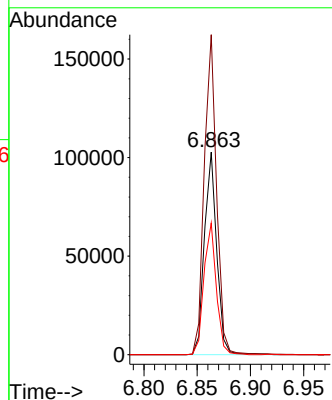
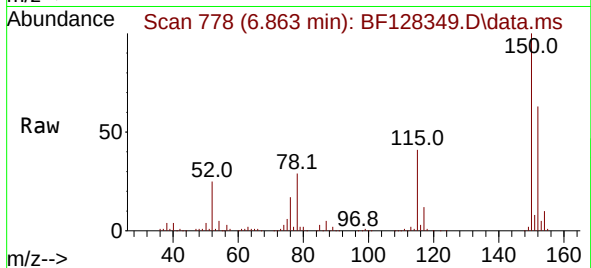




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

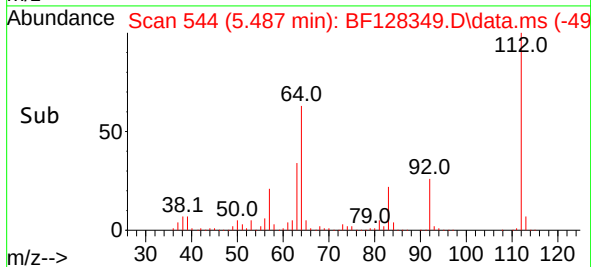
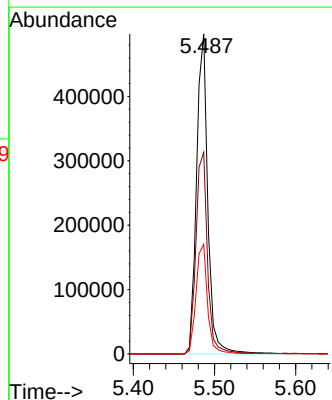
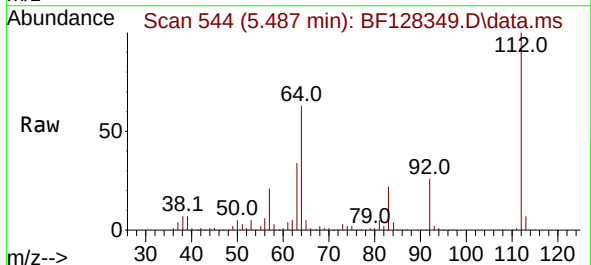
Instrument :
BNA_F
ClientSampleId :
P011-SS003-2430-01

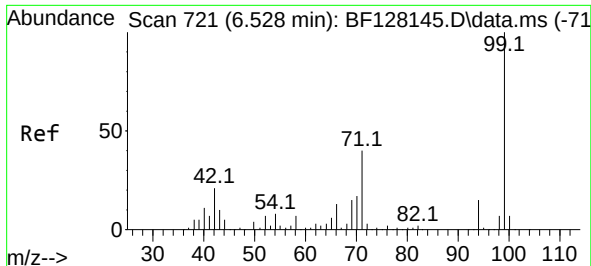
Tgt Ion:152 Resp: 83245
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 65.0 48.8 73.2



#5
2-Fluorophenol
Concen: 92.591 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

Tgt Ion:112 Resp: 483508
Ion Ratio Lower Upper
112 100
64 63.0 49.5 74.3
63 34.2 26.3 39.5

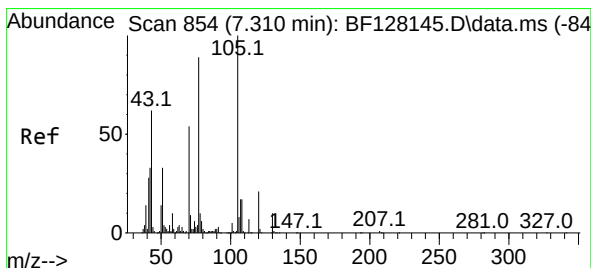
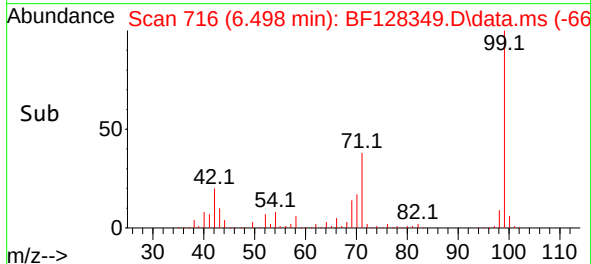
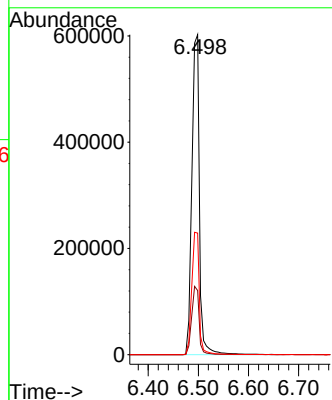
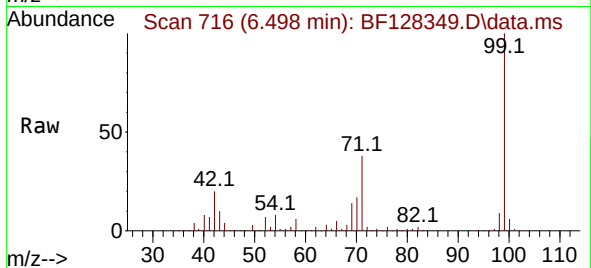




#7
Phenol-d6
Concen: 91.137 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

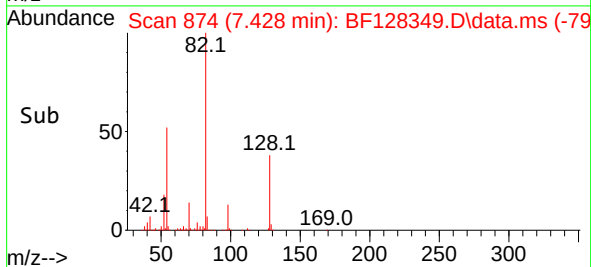
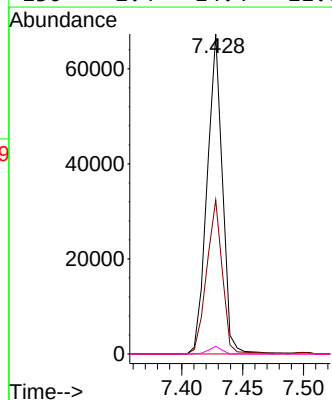
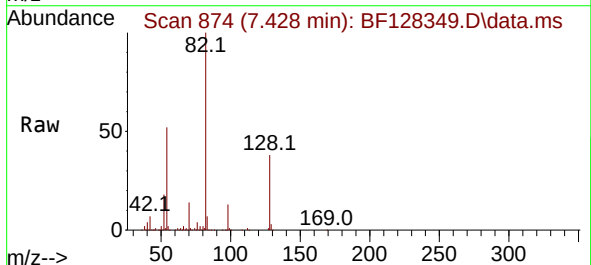
Instrument :
BNA_F
ClientSampleId :
P011-SS003-2430-01

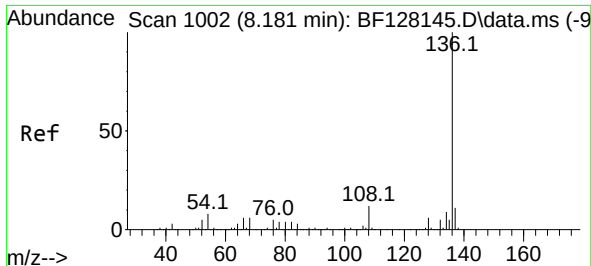
Tgt Ion: 99 Resp: 629471
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 38.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.814 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

Tgt Ion: 70 Resp: 58755
Ion Ratio Lower Upper
70 100
42 48.1 48.7 73.1#
101 0.0 7.2 10.8#
130 2.4 14.4 21.6#

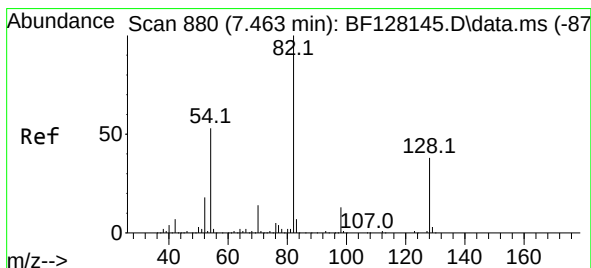
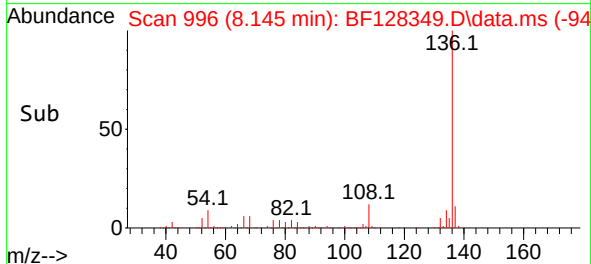
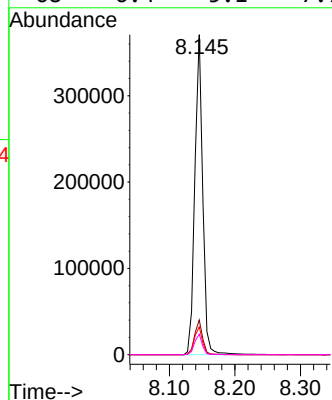
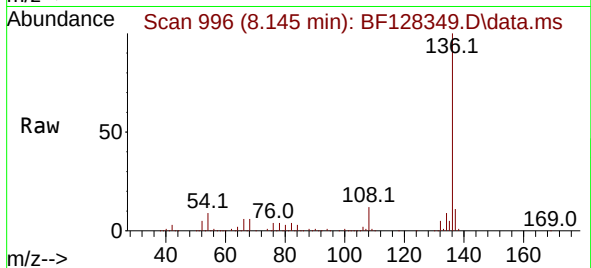




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

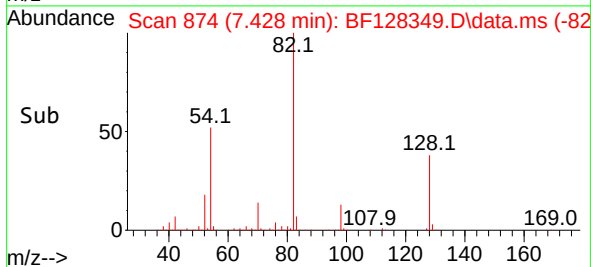
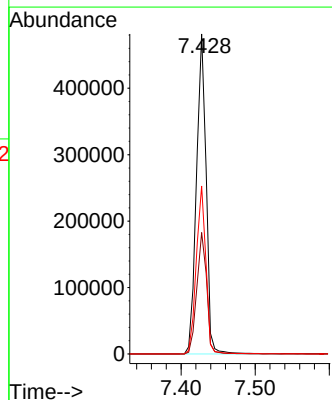
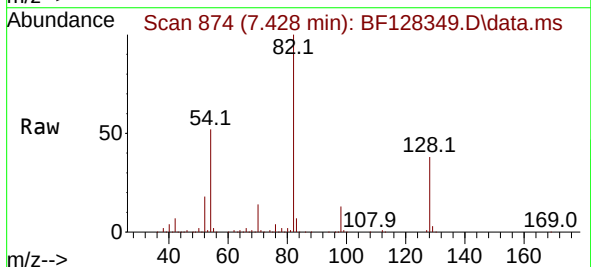
Instrument :
BNA_F
ClientSampleId :
P011-SS003-2430-01

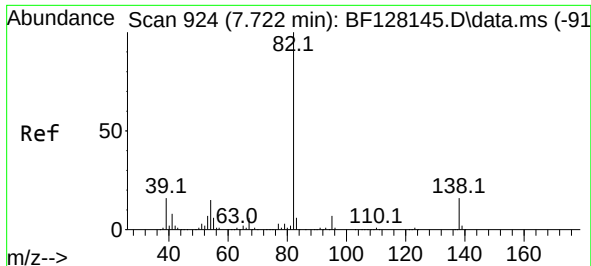
Tgt Ion:136 Resp: 310766
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 6.8 10.2
68 6.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 63.256 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.017 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

Tgt Ion: 82 Resp: 436871
Ion Ratio Lower Upper
82 100
128 37.9 30.0 45.0
54 52.5 41.3 61.9

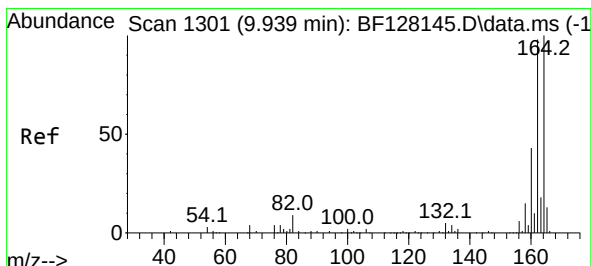
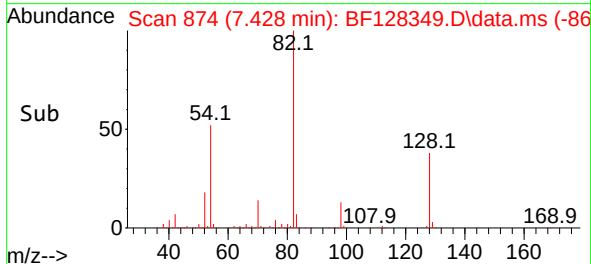
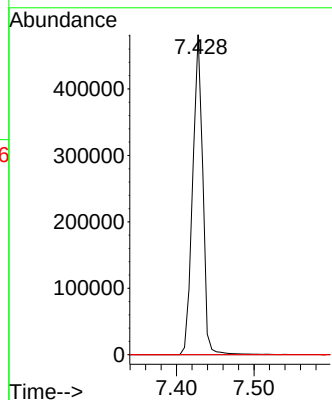
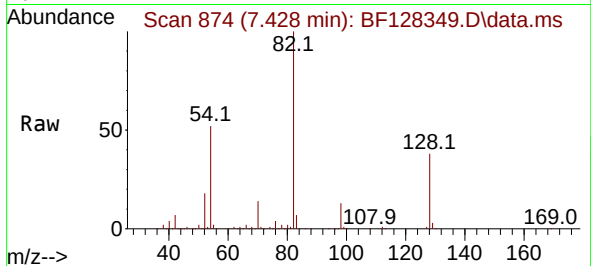




#25
Isophorone
Concen: 40.347 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

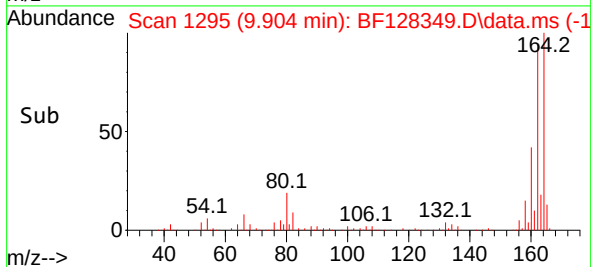
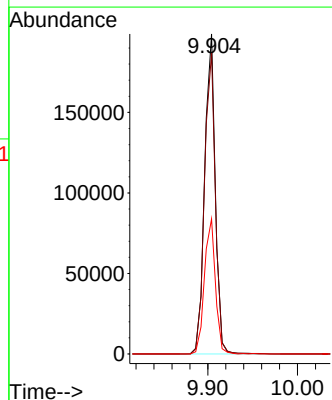
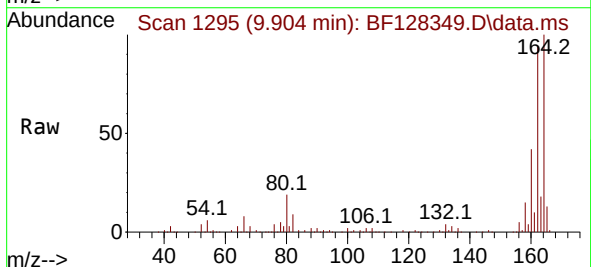
Instrument :
BNA_F
ClientSampleId :
P011-SS003-2430-01

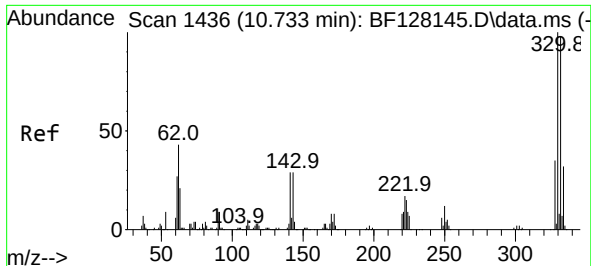
Tgt Ion: 82 Resp: 436866
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

Tgt Ion:164 Resp: 162798
Ion Ratio Lower Upper
164 100
162 94.0 76.0 114.0
160 42.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 82.327 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.011 min

Lab File: BF128349.D

Acq: 19 May 2022 21:25

Instrument :

BNA_F

ClientSampleId :

P011-SS003-2430-01

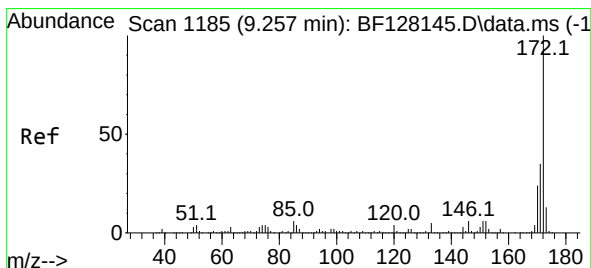
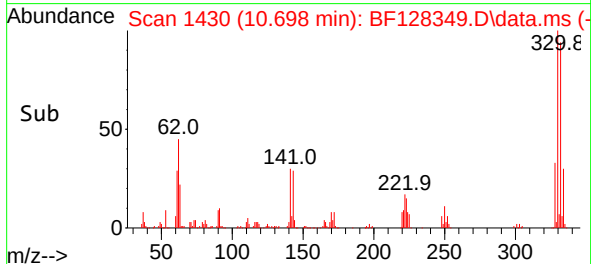
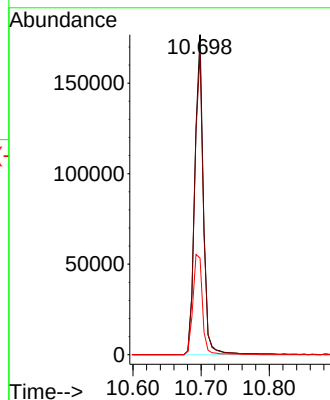
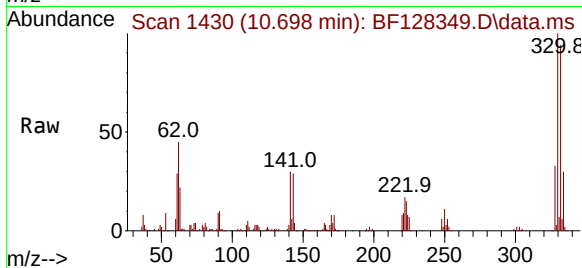
Tgt Ion:330 Resp: 153713

Ion Ratio Lower Upper

330 100

332 96.3 79.0 118.4

141 34.8 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 60.669 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.011 min

Lab File: BF128349.D

Acq: 19 May 2022 21:25

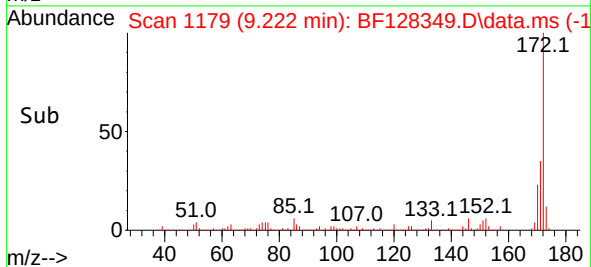
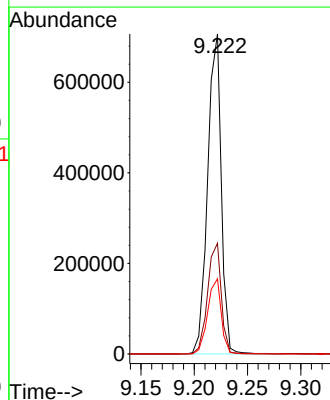
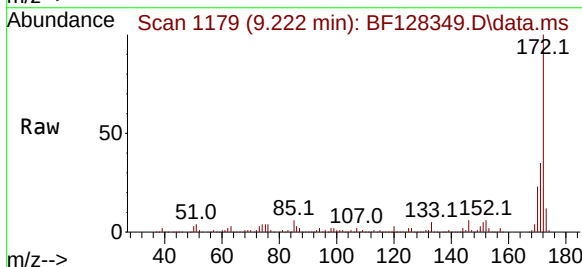
Tgt Ion:172 Resp: 631230

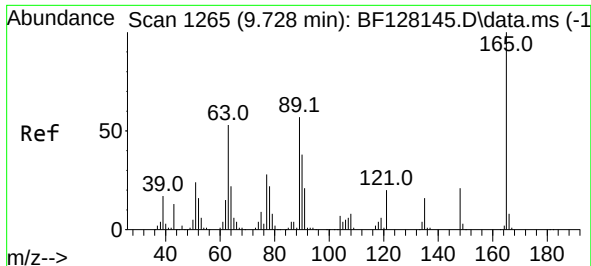
Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.5 19.1 28.7

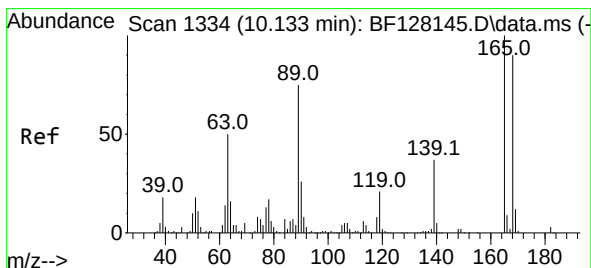
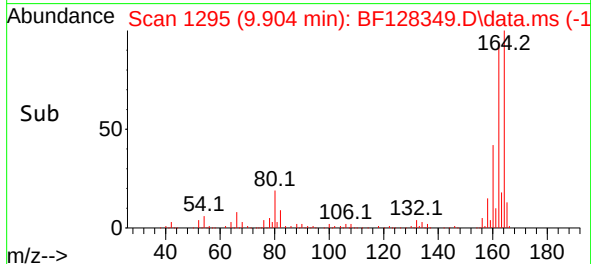
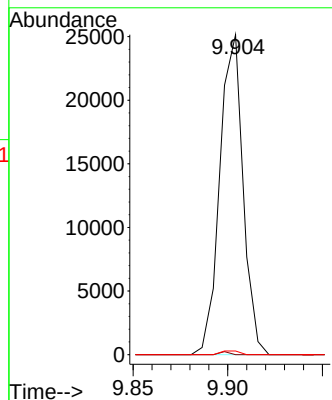
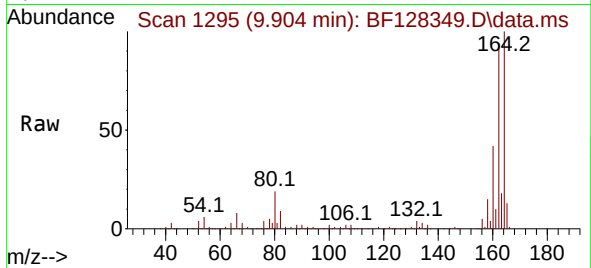




#51
2,6-Dinitrotoluene
Concen: 9.316 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

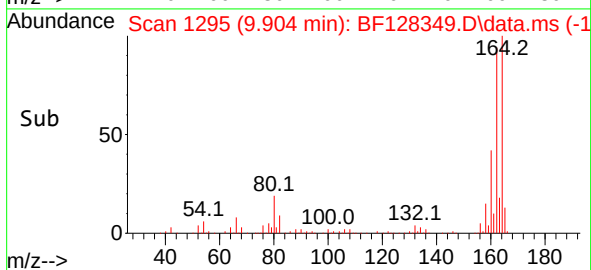
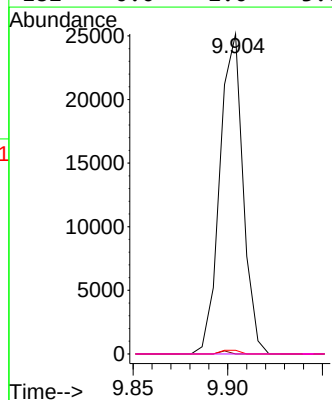
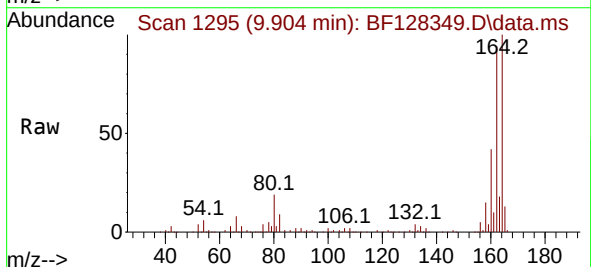
Instrument :
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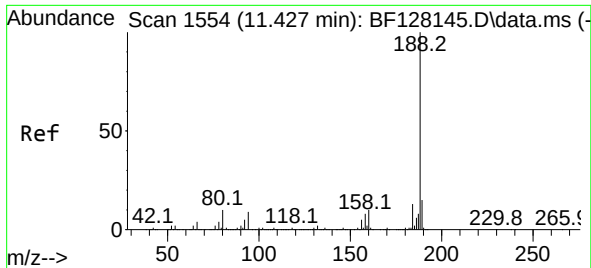
Tgt Ion:165 Resp: 21469
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.967 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.211 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

Tgt Ion:165 Resp: 21469
Ion Ratio Lower Upper
165 100
63 0.0 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

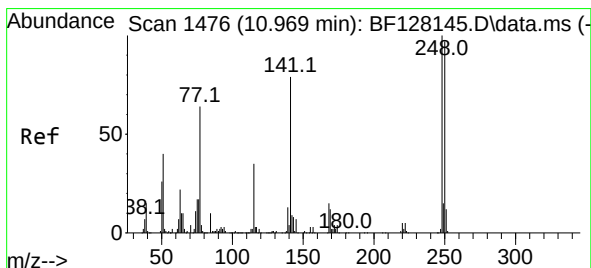
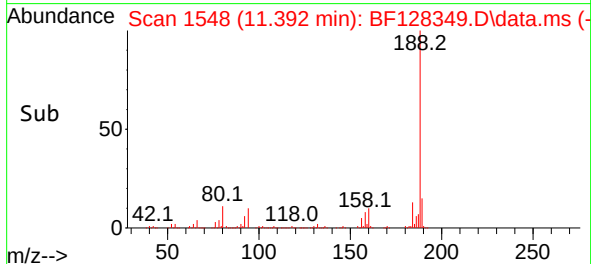
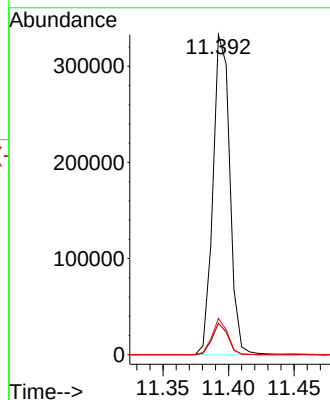
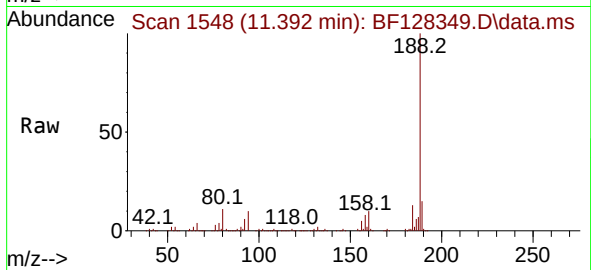




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

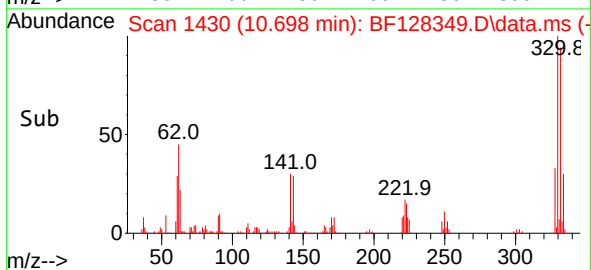
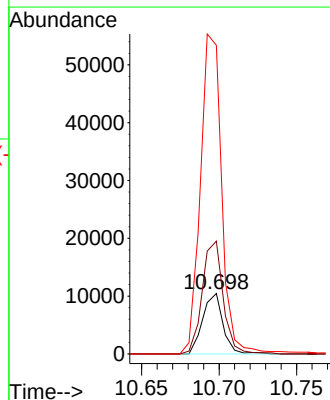
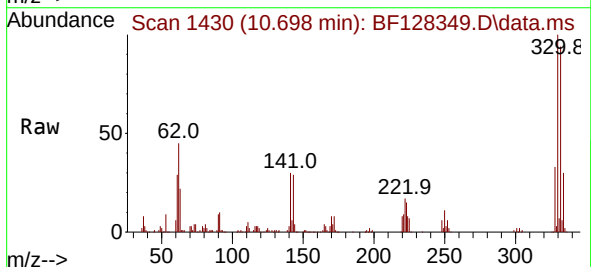
Instrument :
BNA_F
ClientSampleId :
P011-SS003-2430-01

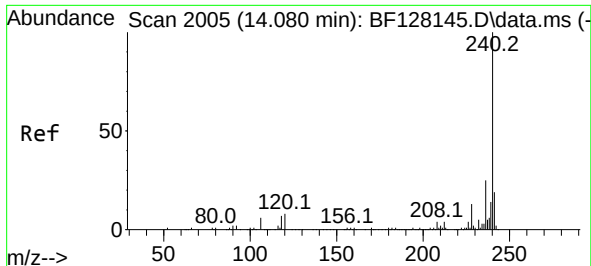
Tgt Ion:188 Resp: 296790
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 11.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.989 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

Tgt Ion:248 Resp: 9543
Ion Ratio Lower Upper
248 100
250 186.5 77.7 116.5#
141 510.3 65.6 98.4#

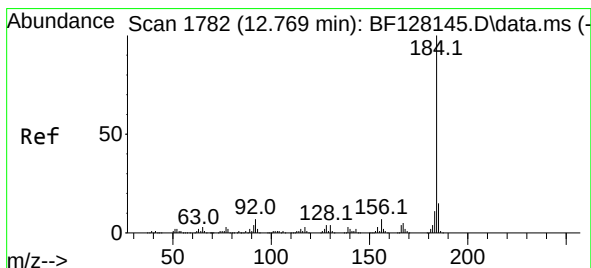
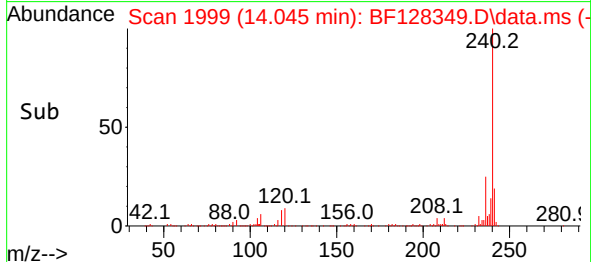
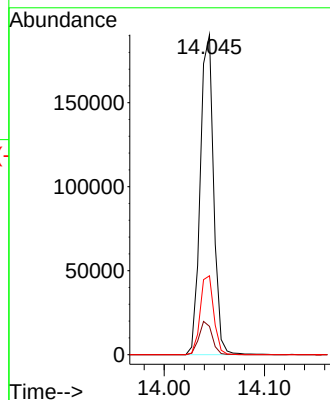
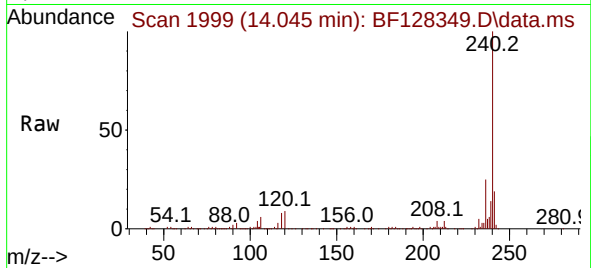




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

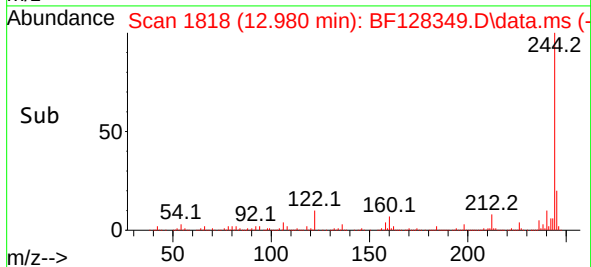
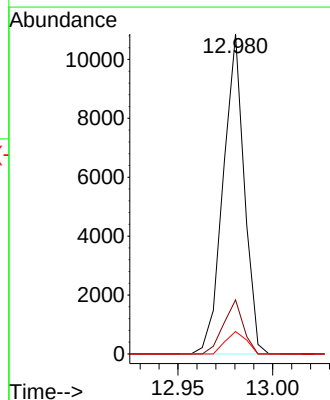
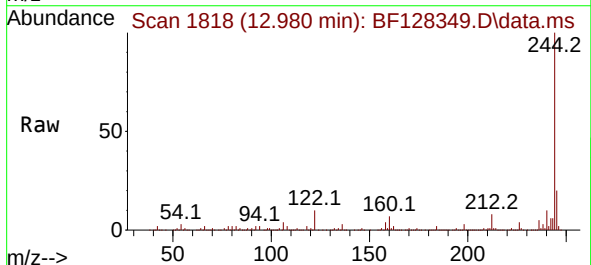
Instrument :
BNA_F
ClientSampleId :
P011-SS003-2430-01

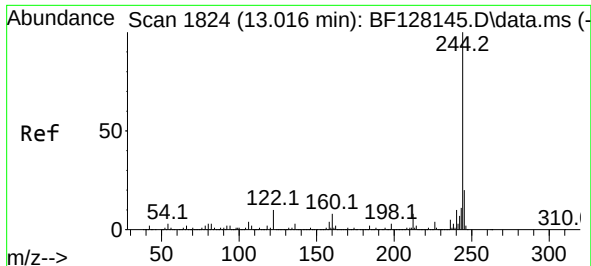
Tgt Ion:240 Resp: 177129
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 24.7 20.3 30.5



#77
Benzidine
Concen: 2.195 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.236 min
Lab File: BF128349.D
Acq: 19 May 2022 21:25

Tgt Ion:184 Resp: 8421
Ion Ratio Lower Upper
184 100
185 16.9 12.1 18.1
183 7.0 9.0 13.4

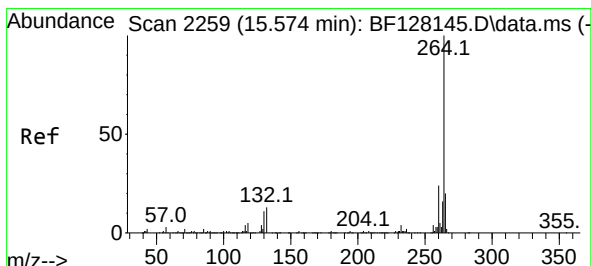
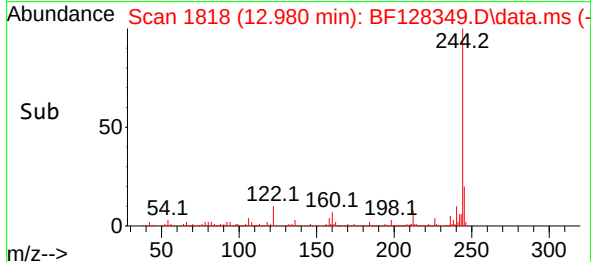
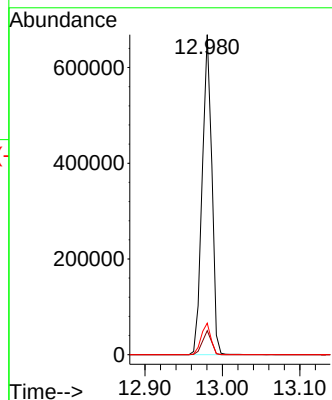
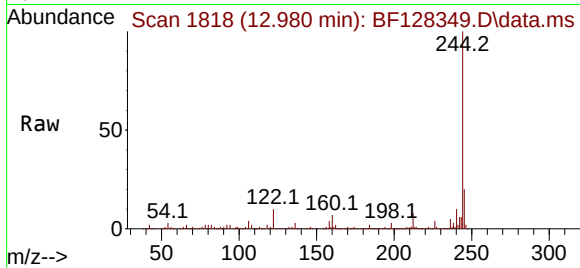




#79
 Terphenyl-d14
 Concen: 60.948 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.011 min
 Lab File: BF128349.D
 Acq: 19 May 2022 21:25

Instrument :
 BNA_F
 ClientSampleId :
 P011-SS003-2430-01

Tgt Ion:244 Resp: 575331
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.011 min
 Lab File: BF128349.D
 Acq: 19 May 2022 21:25

Tgt Ion:264 Resp: 194901
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.2 17.5 26.3

