

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128322.D
 Acq On : 18 May 2022 20:25
 Operator : CG\JU
 Sample : N2864-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P011-SS003-0006-01

Quant Time: May 19 06:50:39 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)

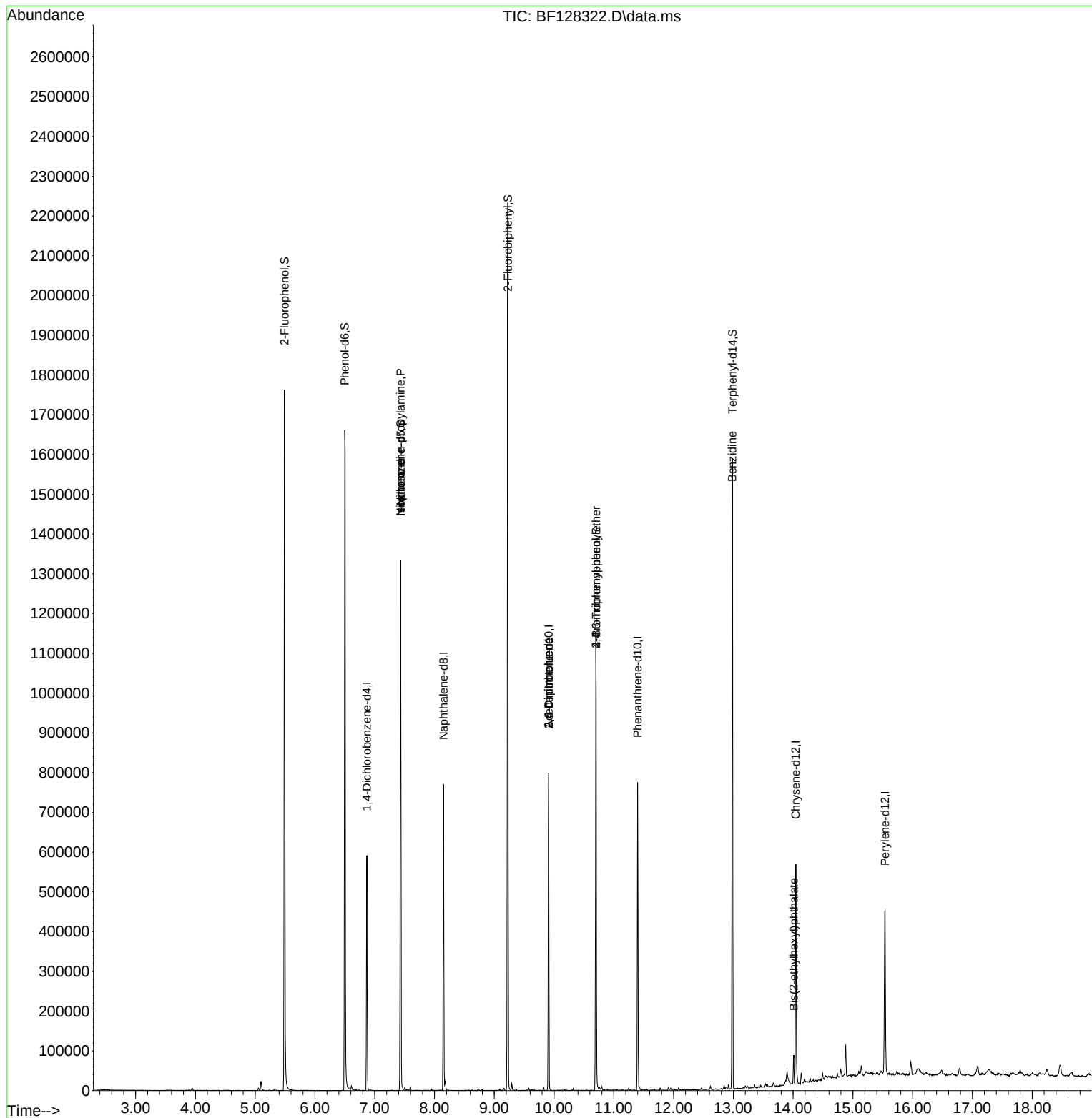
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	77164	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	295572	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	157742	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	259598	20.000	ng	0.00
76) Chrysene-d12	14.045	240	171963	20.000	ng	-0.01
86) Perylene-d12	15.539	264	190313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	424035	87.602	ng	0.00
7) Phenol-d6	6.498	99	558868	87.292	ng	-0.01
23) Nitrobenzene-d5	7.434	82	403688	61.456	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	135356	74.819	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	642912	63.772	ng	0.00
79) Terphenyl-d14	12.986	244	520924	56.842	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	977	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	54820	13.904	ng	# 80
25) Isophorone	7.434	82	403683	39.199	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	20650	9.248	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	20650	6.916	ng	# 25
67) 4-Bromophenyl-phenylether	10.704	248	7993	2.862	ng	# 1
77) Benzidine	12.980	184	7645	2.053	ng	# 90
84) Bis(2-ethylhexyl)phtha...	14.010	149	18274	2.609	ng	99

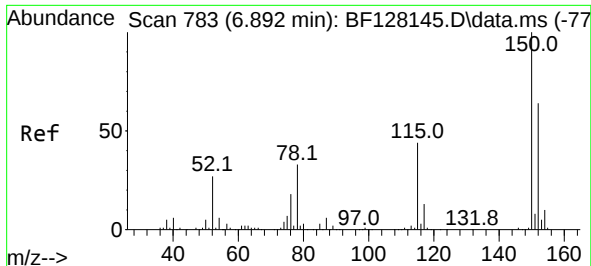
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
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Quant Time: May 19 06:50:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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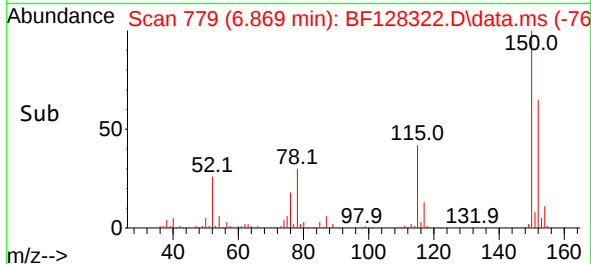
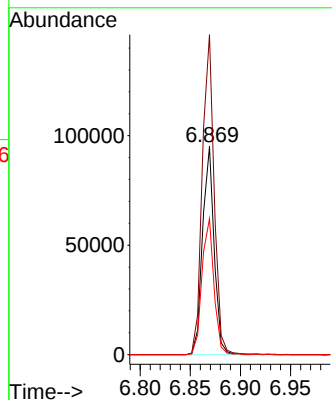
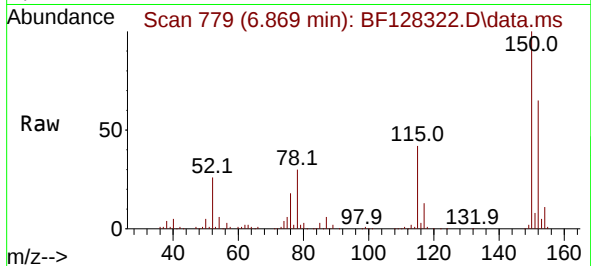




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

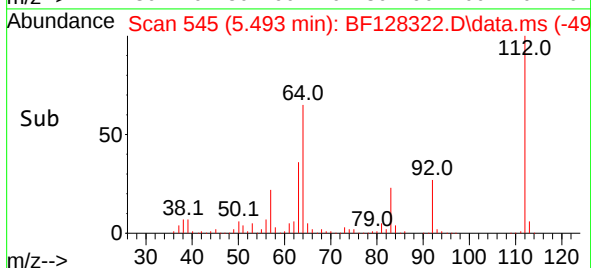
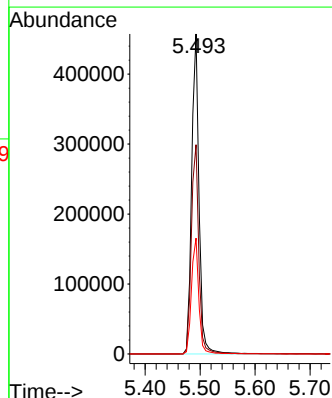
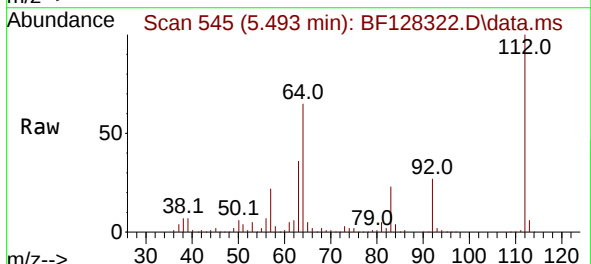
Instrument :
BNA_F
ClientSampleId :
P011-SS003-0006-01

Tgt Ion:152 Resp: 77164
Ion Ratio Lower Upper
152 100
150 153.8 125.3 187.9
115 65.3 48.8 73.2



#5
2-Fluorophenol
Concen: 87.602 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

Tgt Ion:112 Resp: 424035
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 36.2 26.3 39.5

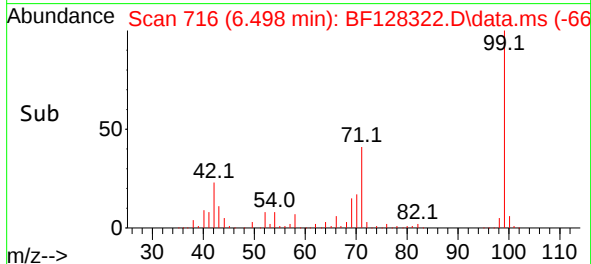
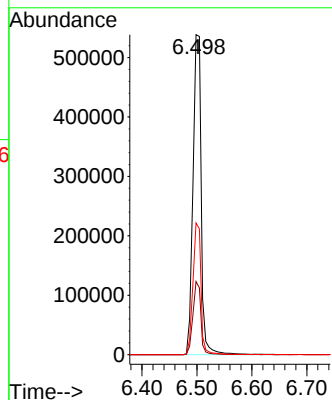
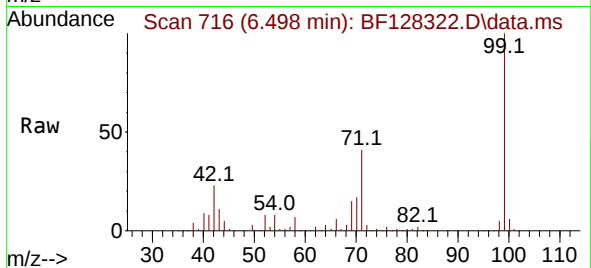




#7
Phenol-d6
Concen: 87.292 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

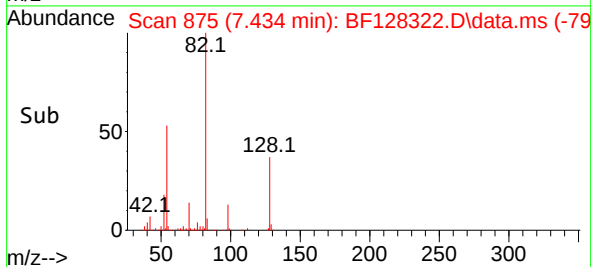
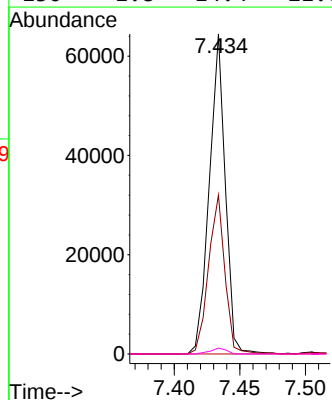
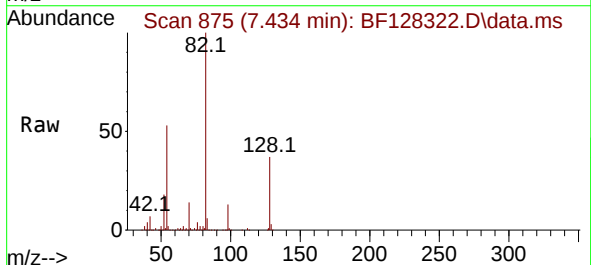
Instrument :
BNA_F
ClientSampleId :
P011-SS003-0006-01

Tgt Ion: 99 Resp: 558868
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 41.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.904 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

Tgt Ion: 70 Resp: 54820
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

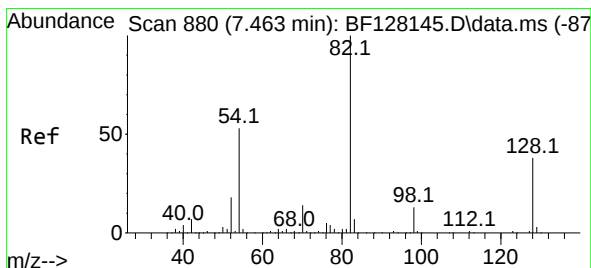
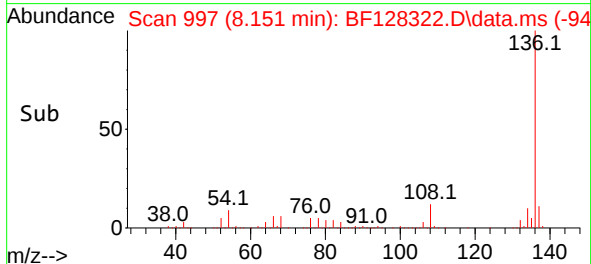
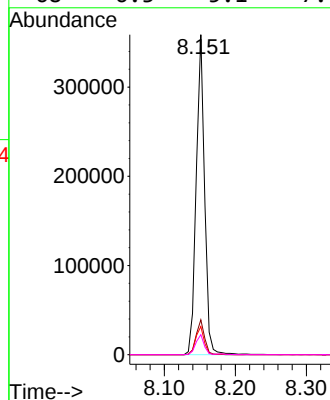
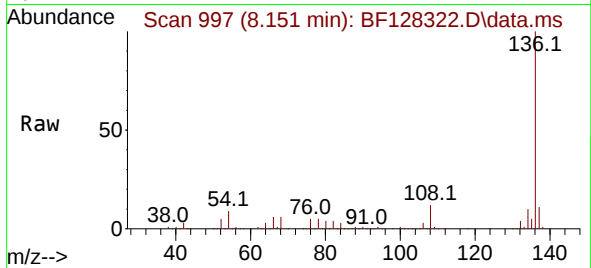




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

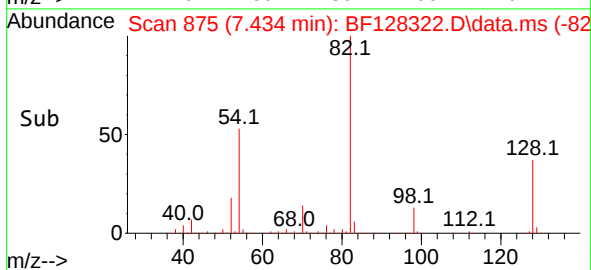
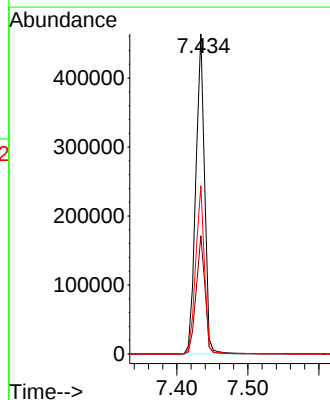
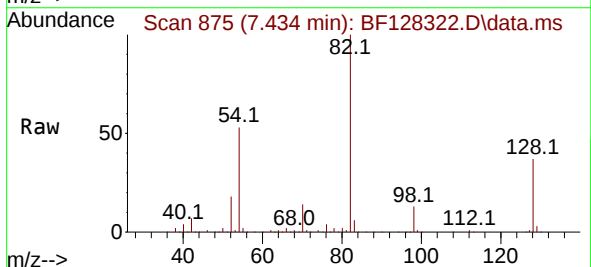
Instrument :
BNA_F
ClientSampleId :
P011-SS003-0006-01

Tgt Ion:136 Resp: 295572
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.8 10.2
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 61.456 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

Tgt Ion: 82 Resp: 403688
Ion Ratio Lower Upper
82 100
128 36.9 30.0 45.0
54 52.5 41.3 61.9

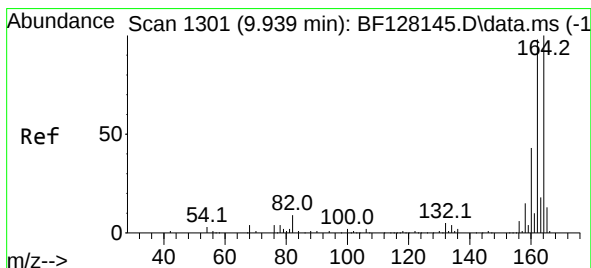
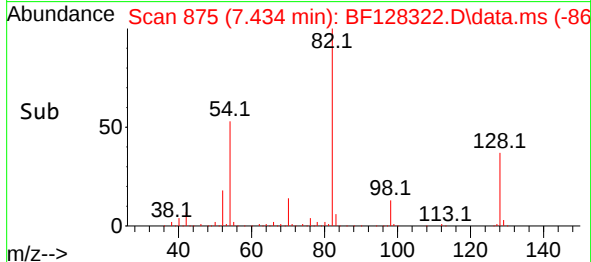
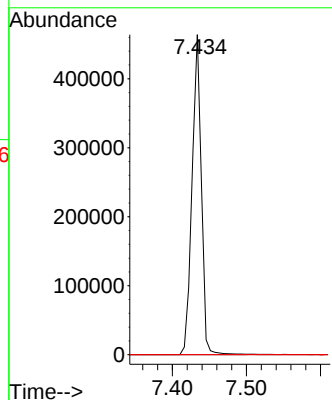
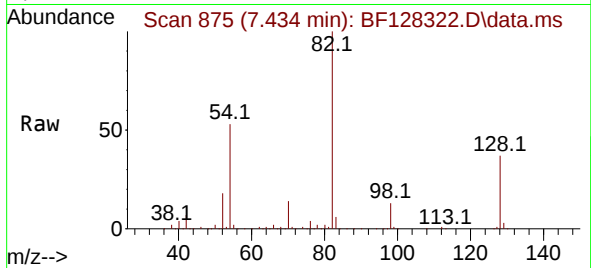




#25
Isophorone
Concen: 39.199 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

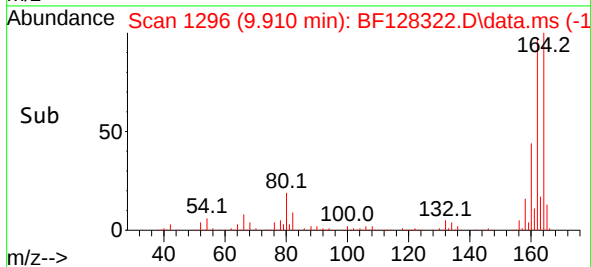
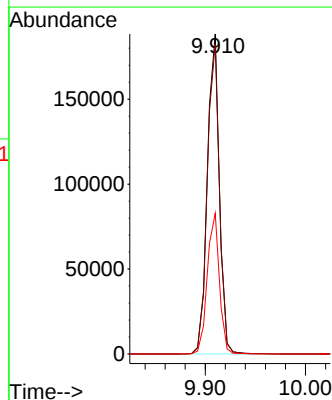
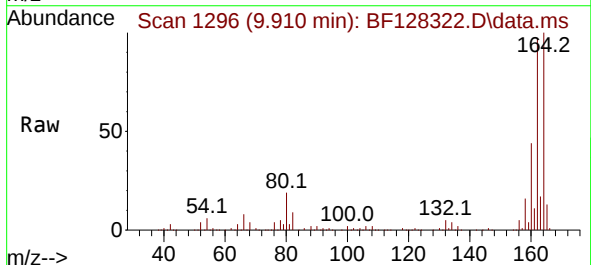
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ClientSampleId :
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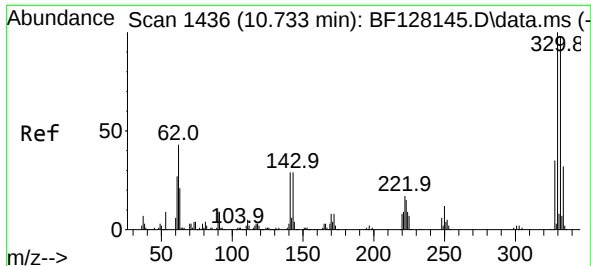
Tgt Ion: 82 Resp: 403683
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

Tgt Ion:164 Resp: 157742
Ion Ratio Lower Upper
164 100
162 96.9 76.0 114.0
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 74.819 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128322.D

Acq: 18 May 2022 20:25

Instrument :

BNA_F

ClientSampleId :

P011-SS003-0006-01

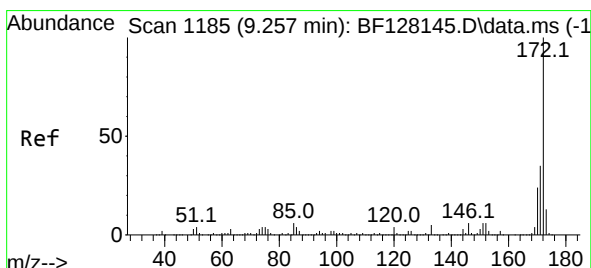
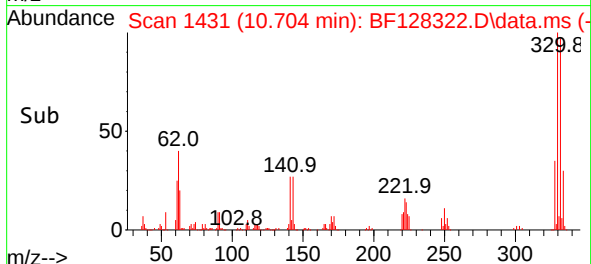
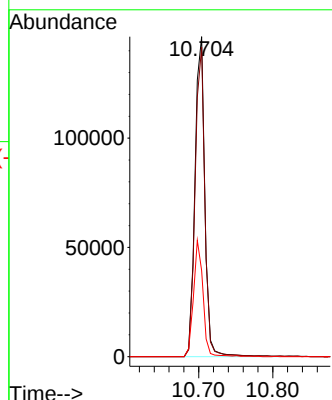
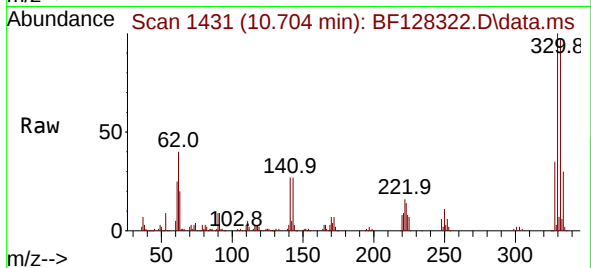
Tgt Ion:330 Resp: 135356

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 34.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 63.772 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF128322.D

Acq: 18 May 2022 20:25

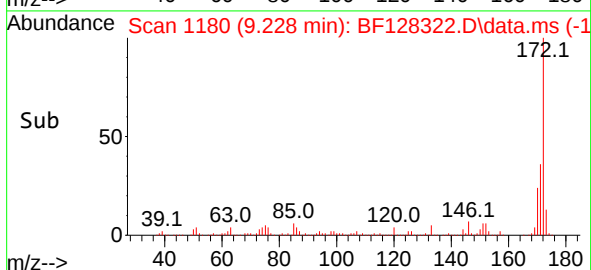
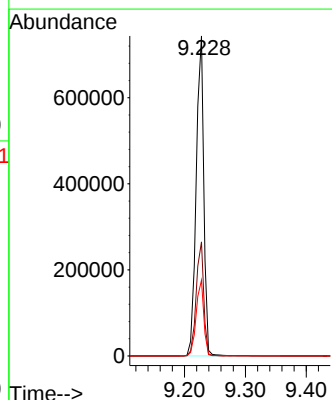
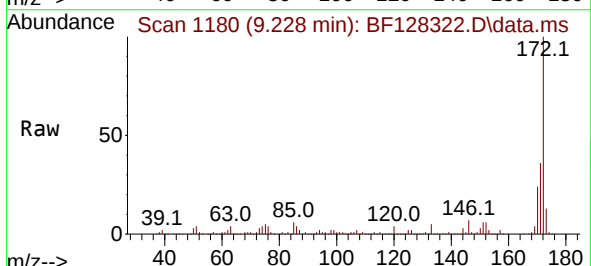
Tgt Ion:172 Resp: 642912

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 23.7 19.1 28.7

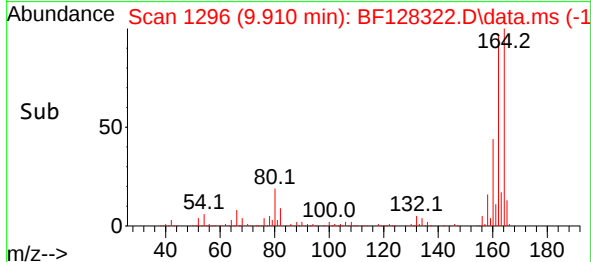
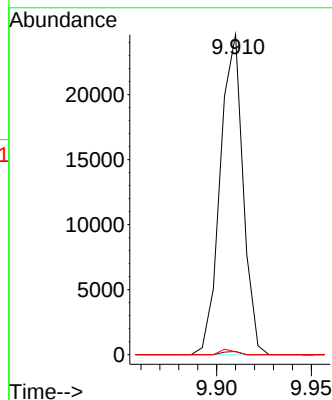
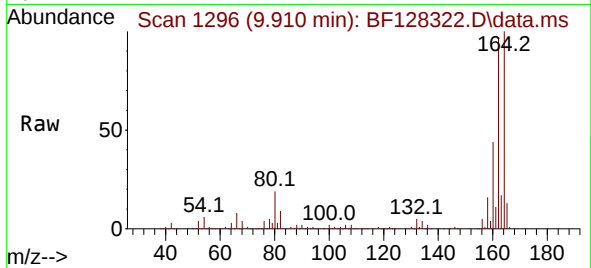




#51
2,6-Dinitrotoluene
Concen: 9.248 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

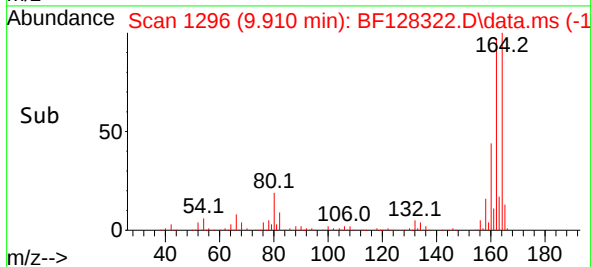
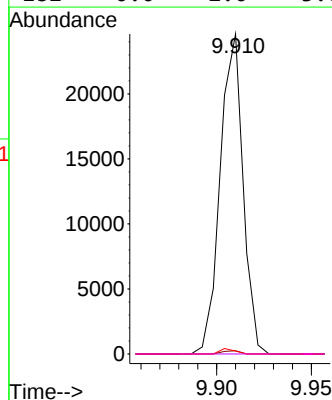
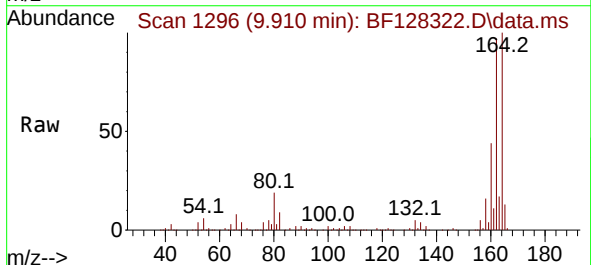
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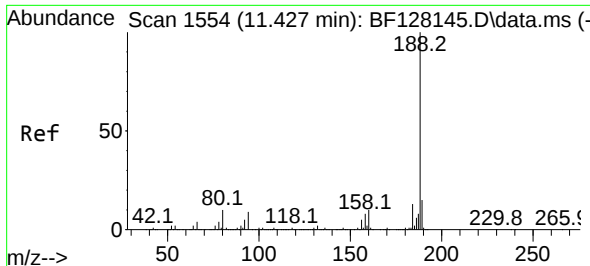
Tgt Ion:165 Resp: 20650
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.916 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.206 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

Tgt Ion:165 Resp: 20650
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

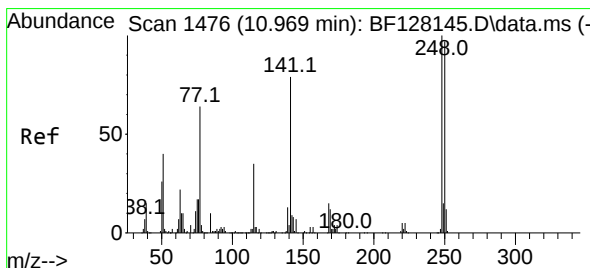
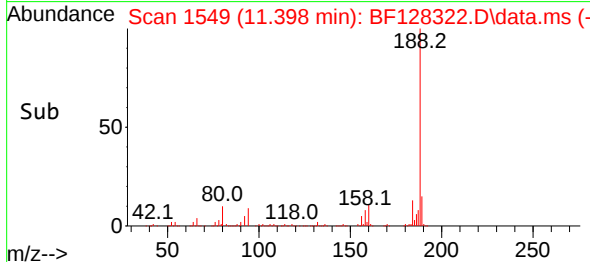
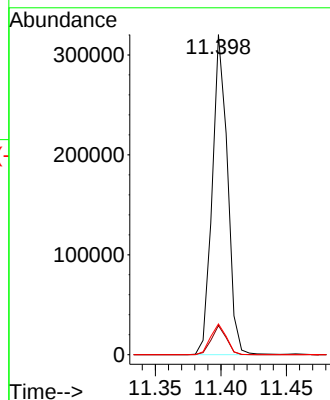
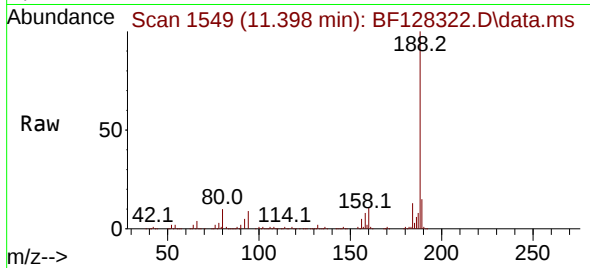




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

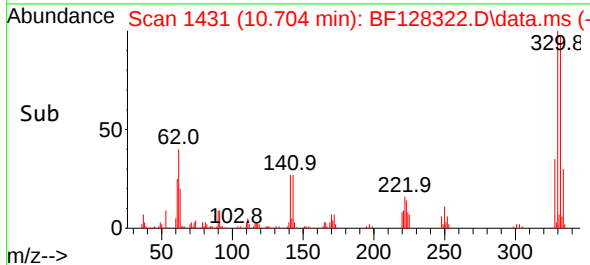
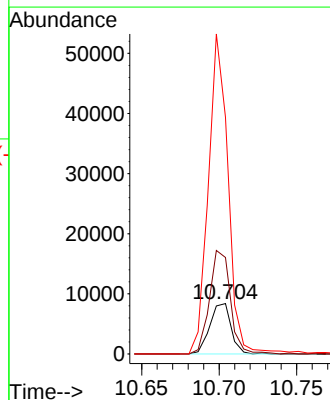
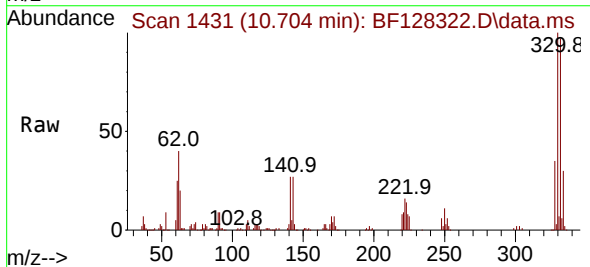
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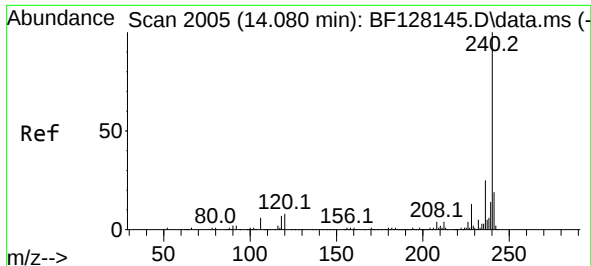
Tgt Ion:188 Resp: 259598
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.862 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

Tgt Ion:248 Resp: 7993
Ion Ratio Lower Upper
248 100
250 191.4 77.7 116.5#
141 469.8 65.6 98.4#

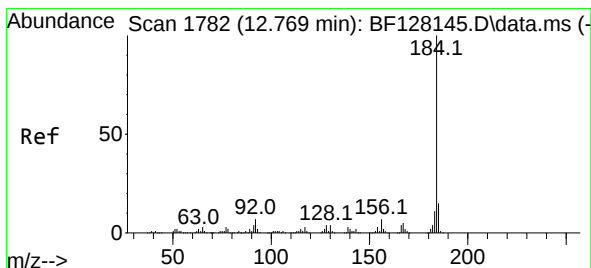
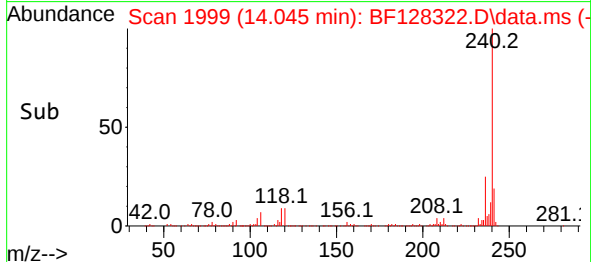
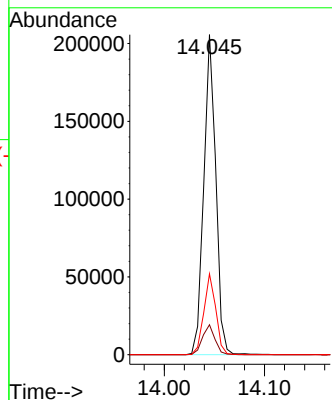
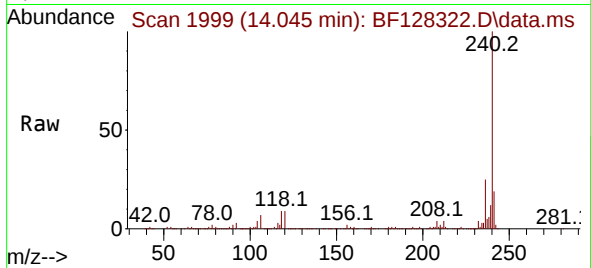




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

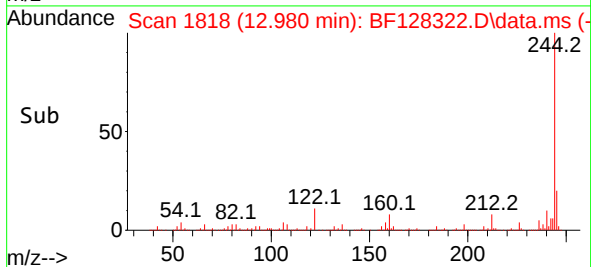
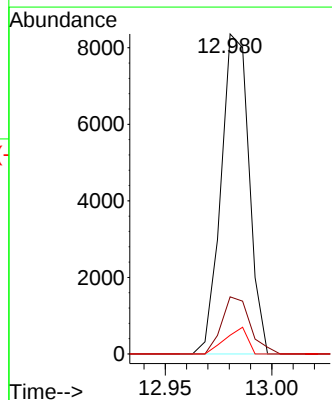
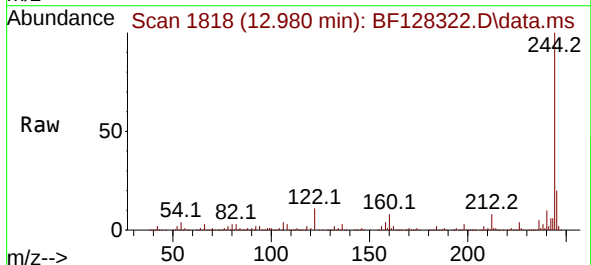
Instrument :
BNA_F
ClientSampleId :
P011-SS003-0006-01

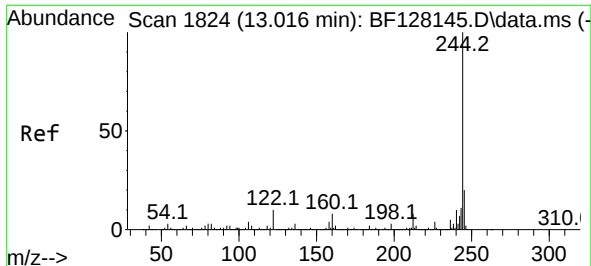
Tgt Ion:240 Resp: 171963
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.2 20.3 30.5



#77
Benzidine
Concen: 2.053 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.236 min
Lab File: BF128322.D
Acq: 18 May 2022 20:25

Tgt Ion:184 Resp: 7645
Ion Ratio Lower Upper
184 100
185 17.8 12.1 18.1
183 5.9 9.0 13.4#

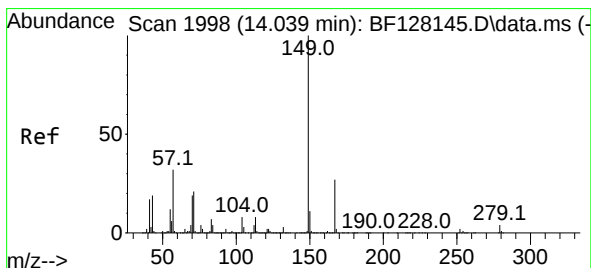
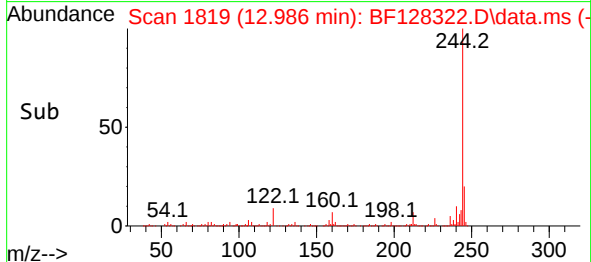
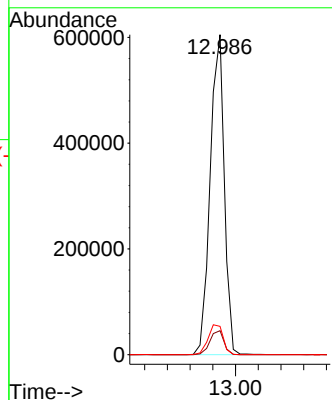
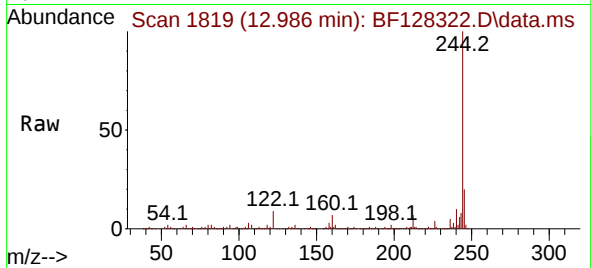




#79
 Terphenyl-d14
 Concen: 56.842 ng
 RT: 12.986 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128322.D
 Acq: 18 May 2022 20:25

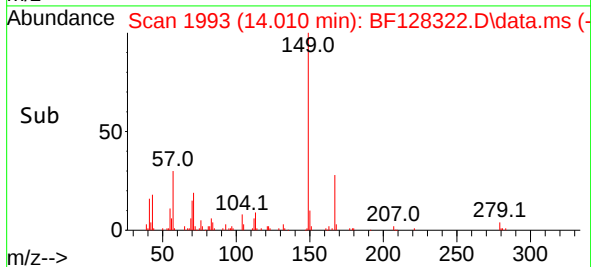
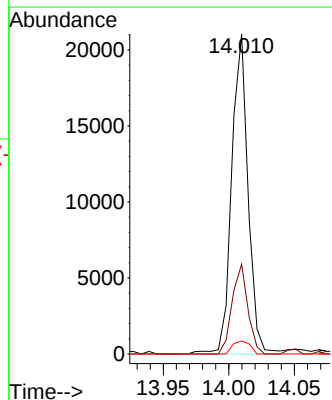
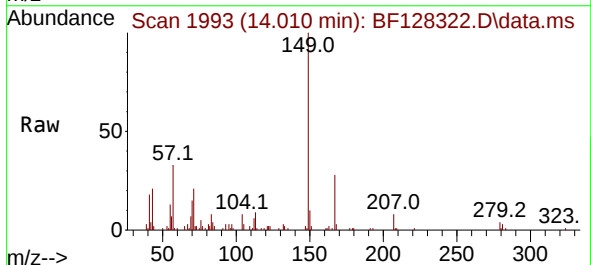
Instrument :
 BNA_F
 ClientSampleId :
 P011-SS003-0006-01

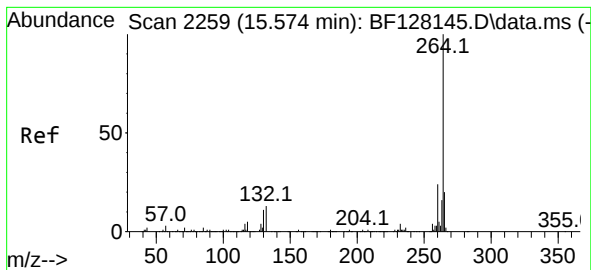
Tgt Ion:244 Resp: 520924
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.9 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.609 ng
 RT: 14.010 min Scan# 1993
 Delta R.T. -0.006 min
 Lab File: BF128322.D
 Acq: 18 May 2022 20:25

Tgt Ion:149 Resp: 18274
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.0 33.0
 279 4.1 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128322.D

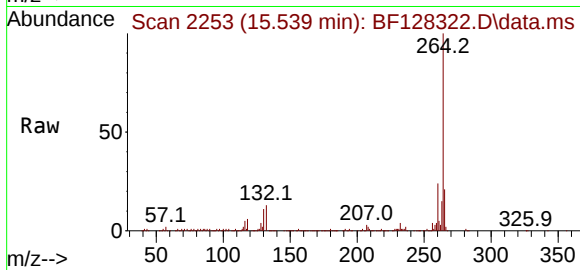
Acq: 18 May 2022 20:25

Instrument :

BNA_F

ClientSampleId :

P011-SS003-0006-01



Tgt Ion:264 Resp: 190313

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.3 17.5 26.3

