

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128341.D
 Acq On : 19 May 2022 17:27
 Operator : CG\JU
 Sample : N2865-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-1218-01

Quant Time: May 19 18:50:07 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)

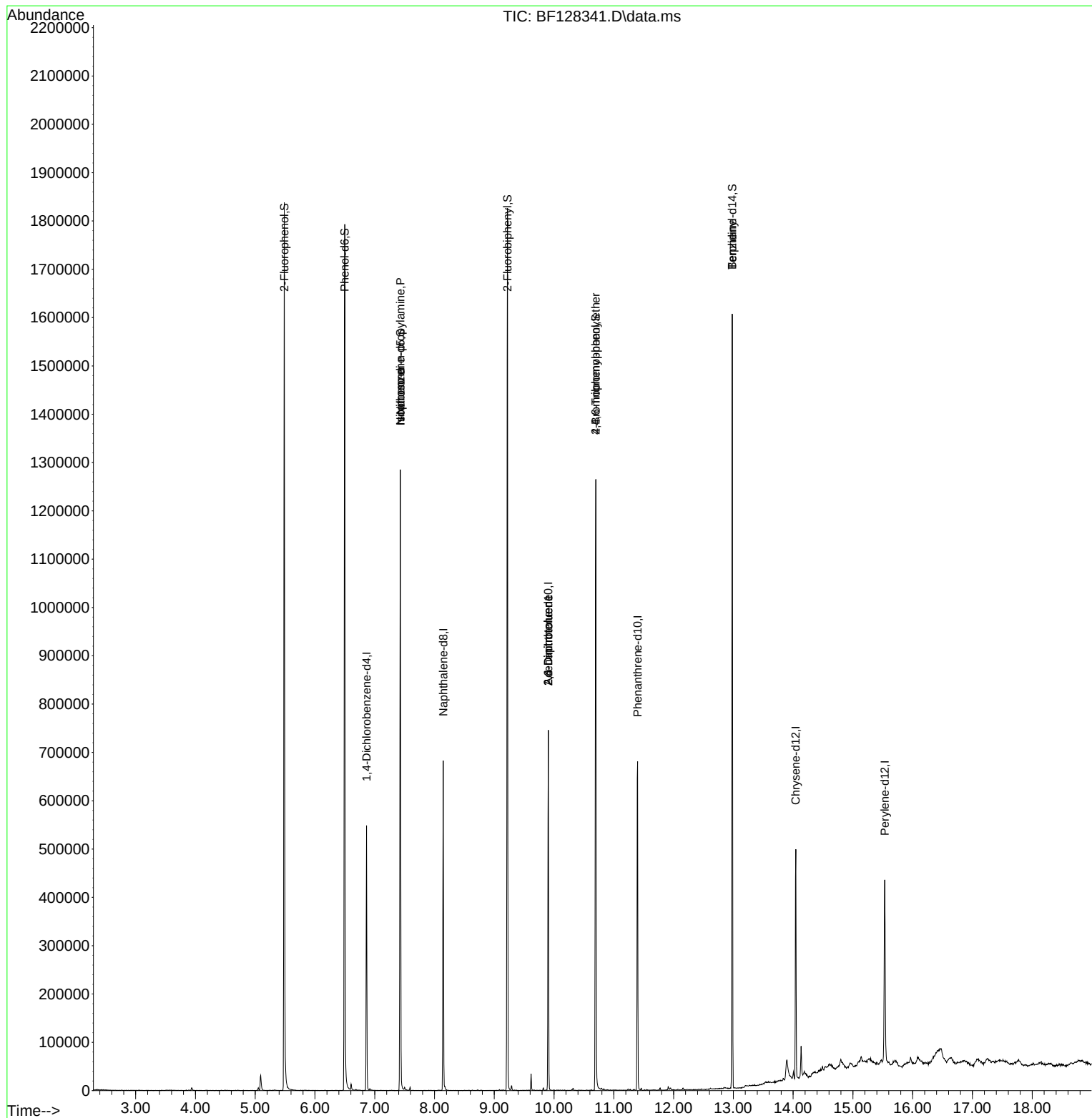
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	70064	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	267845	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	147053	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	253459	20.000	ng	0.00
76) Chrysene-d12	14.045	240	161075	20.000	ng	-0.01
86) Perylene-d12	15.533	264	171577	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	438047	99.667	ng	0.00
7) Phenol-d6	6.498	99	565077	97.206	ng	-0.01
23) Nitrobenzene-d5	7.428	82	398223	66.899	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	145211	86.101	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	539173	57.370	ng	-0.01
79) Terphenyl-d14	12.980	244	496269	57.812	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1033	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	53653	14.987	ng	# 80
25) Isophorone	7.428	82	398220	42.672	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	18613	8.941	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	18613	6.687	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	9148	3.355	ng	# 1
77) Benzydine	12.980	184	7193	2.062	ng	# 92

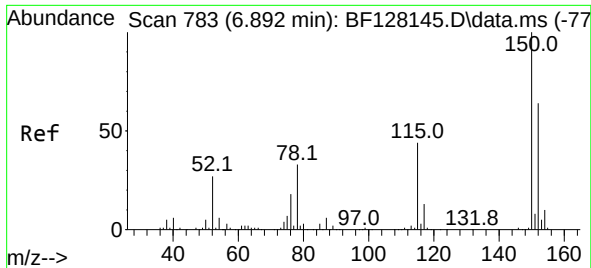
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
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Quant Time: May 19 18:50:07 2022
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QLast Update : Thu May 19 06:47:51 2022
Response via : Initial Calibration

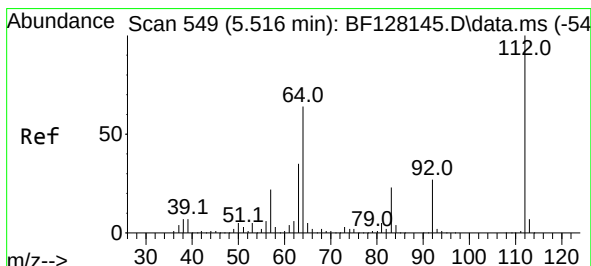
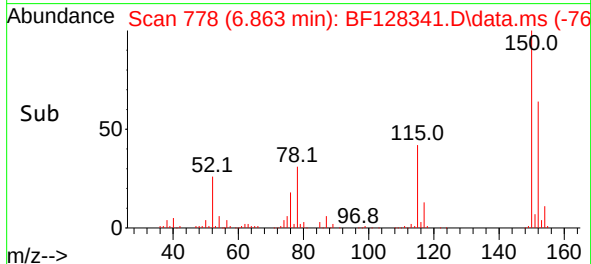
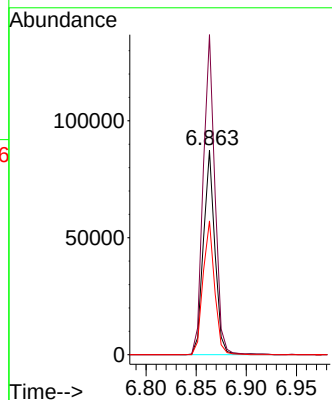
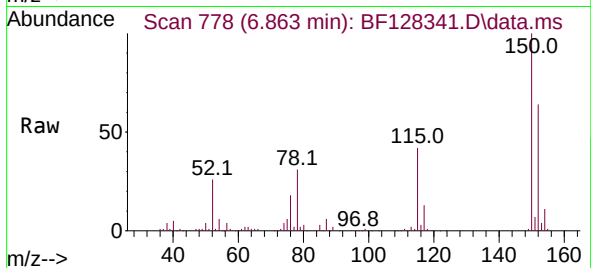




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128341.D
 Acq: 19 May 2022 17:27

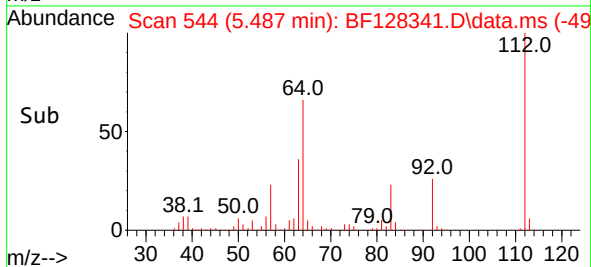
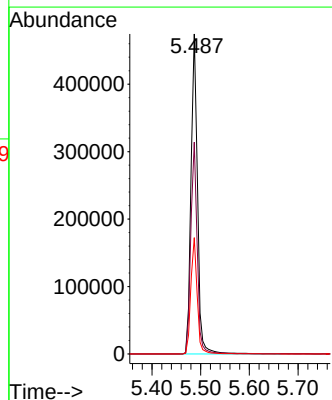
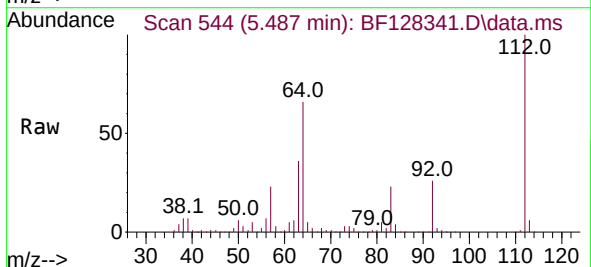
Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-1218-01

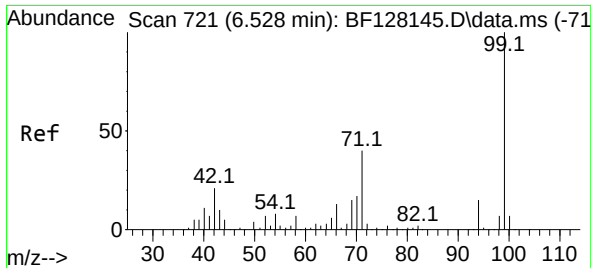
Tgt Ion:152 Resp: 70064
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 65.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 99.667 ng
 RT: 5.487 min Scan# 544
 Delta R.T. -0.006 min
 Lab File: BF128341.D
 Acq: 19 May 2022 17:27

Tgt Ion:112 Resp: 438047
 Ion Ratio Lower Upper
 112 100
 64 66.2 49.5 74.3
 63 36.4 26.3 39.5

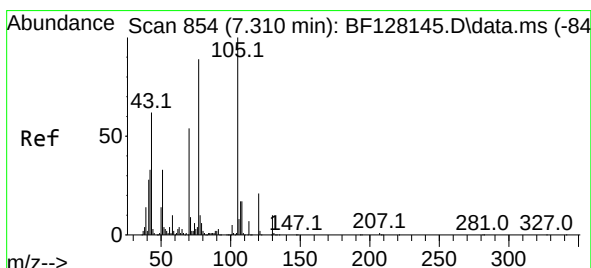
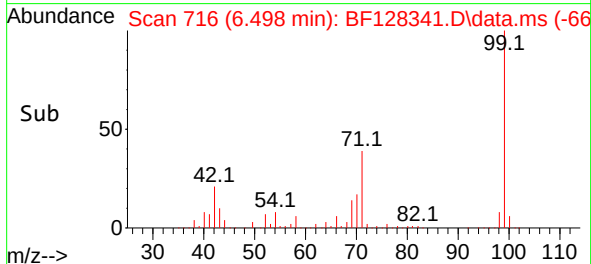
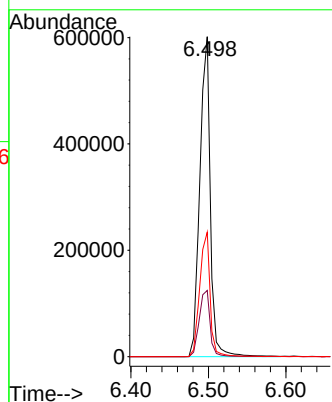
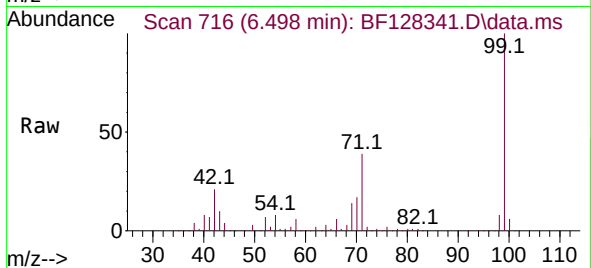




#7
Phenol-d6
Concen: 97.206 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

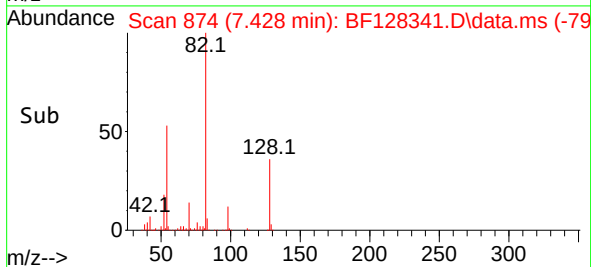
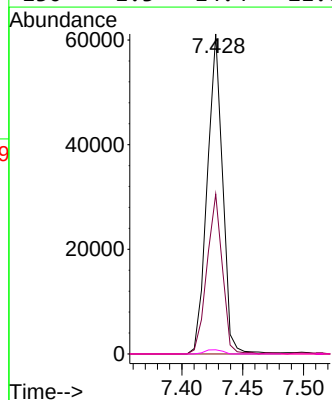
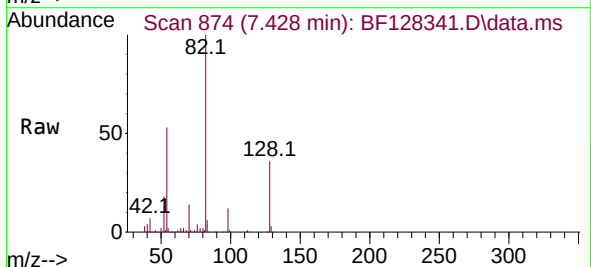
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1218-01

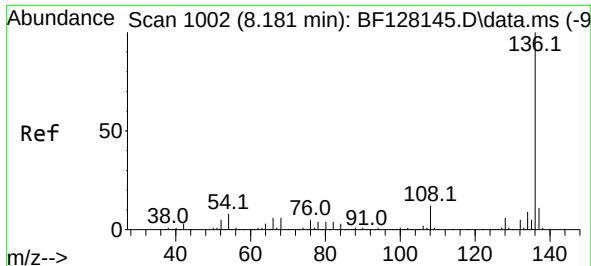
Tgt Ion: 99 Resp: 565077
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.987 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

Tgt Ion: 70 Resp: 53653
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.3 14.4 21.6#



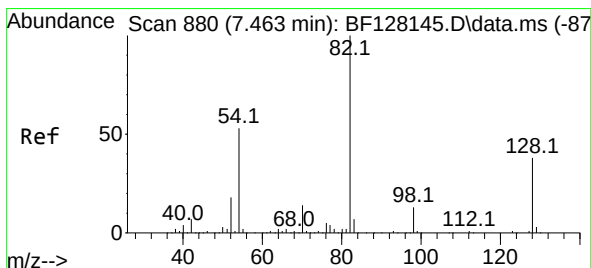
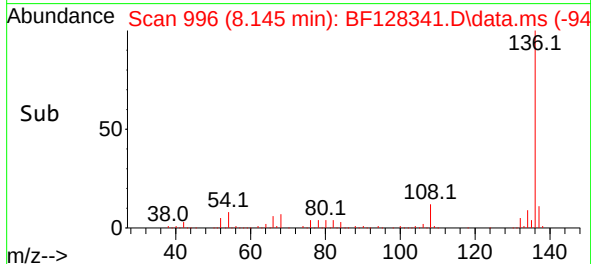
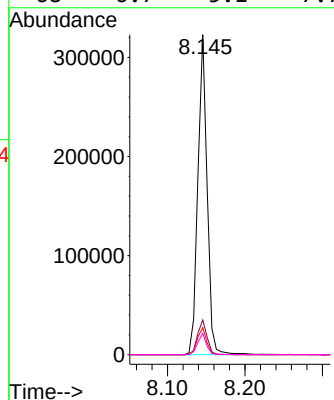
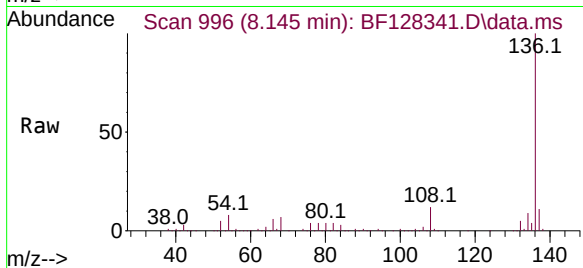


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

Instrument :
BNA_F
ClientSampleId :
P018-SS001-1218-01

Tgt Ion:136 Resp: 267845

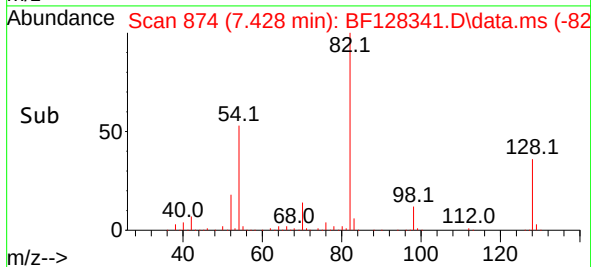
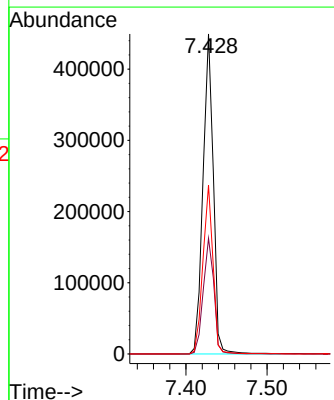
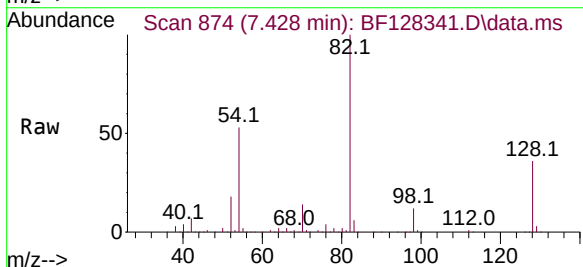
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	6.8	10.2
68	6.7	5.1	7.7

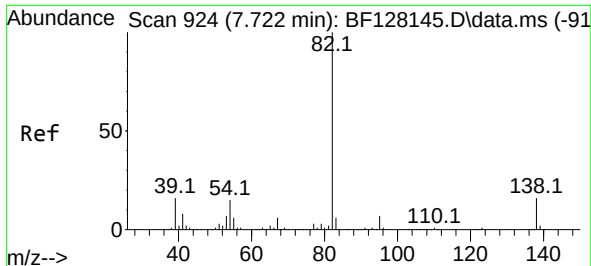


#23
Nitrobenzene-d5
Concen: 66.899 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.017 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

Tgt Ion: 82 Resp: 398223

Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.0	45.0
54	52.7	41.3	61.9

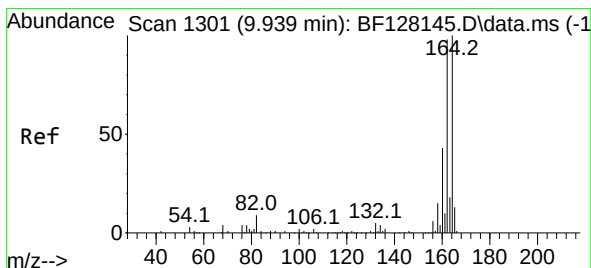
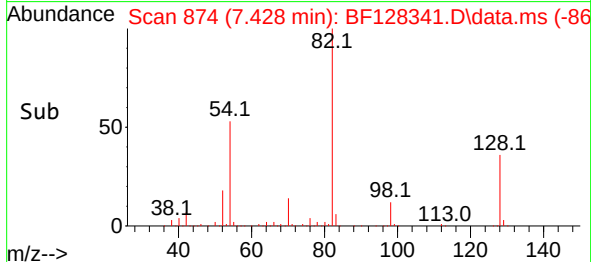
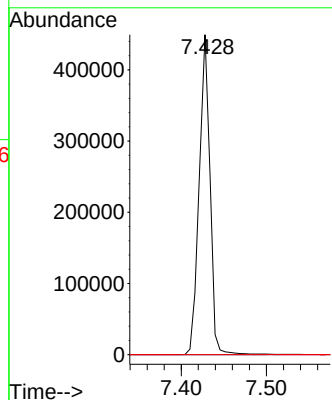
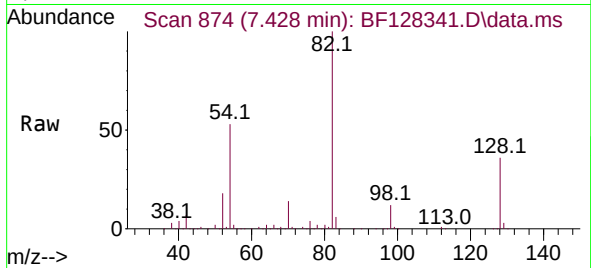




#25
Isophorone
Concen: 42.672 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

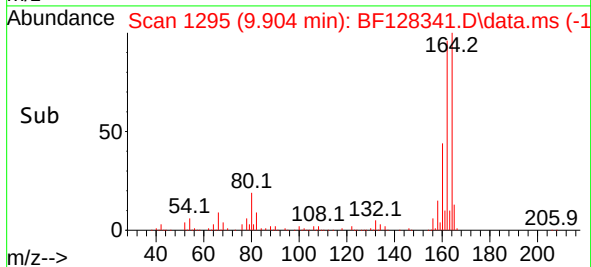
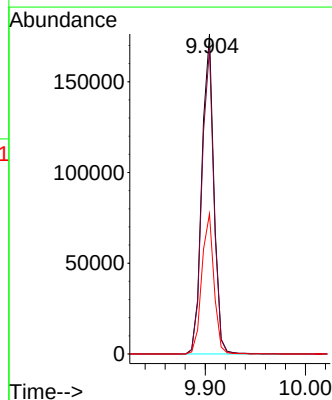
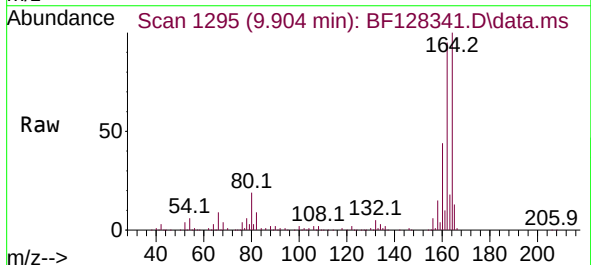
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1218-01

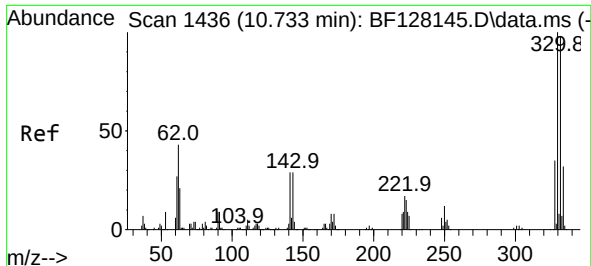
Tgt Ion: 82 Resp: 398220
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

Tgt Ion:164 Resp: 147053
Ion Ratio Lower Upper
164 100
162 95.5 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.101 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.011 min

Lab File: BF128341.D

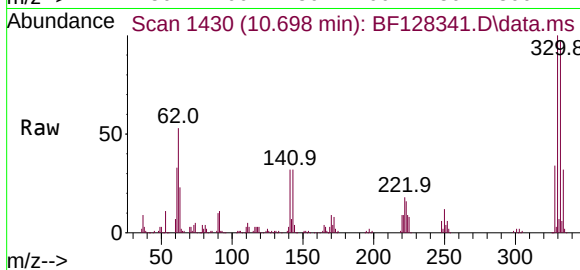
Acq: 19 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

P018-SS001-1218-01



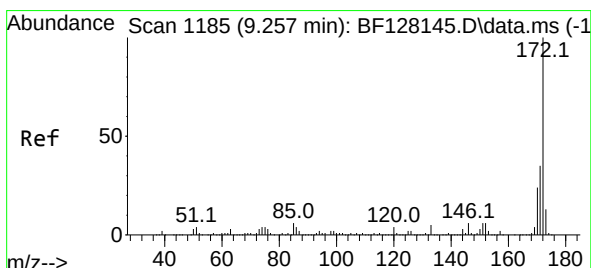
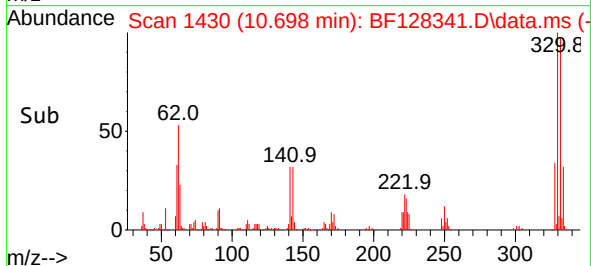
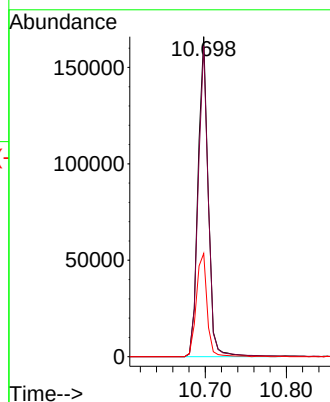
Tgt Ion:330 Resp: 145211

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 57.370 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128341.D

Acq: 19 May 2022 17:27

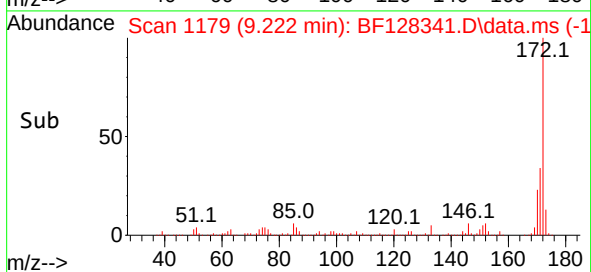
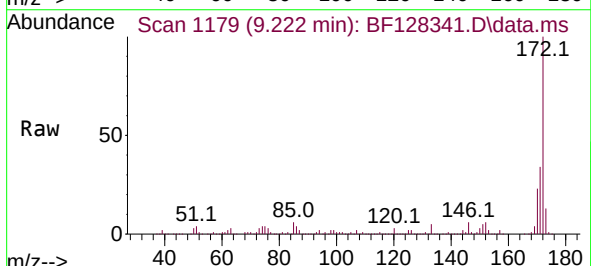
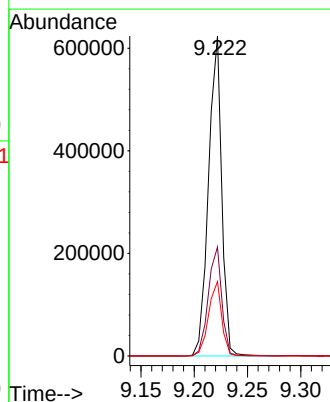
Tgt Ion:172 Resp: 539173

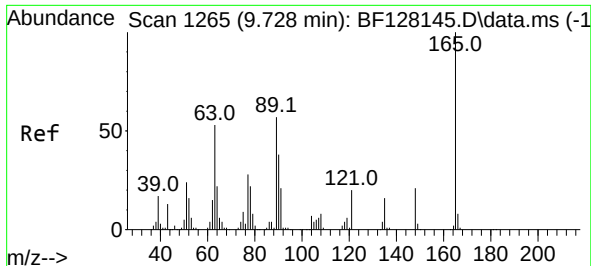
Ion Ratio Lower Upper

172 100

171 34.1 28.6 42.8

170 23.3 19.1 28.7

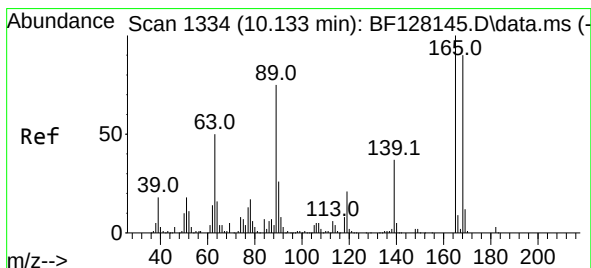
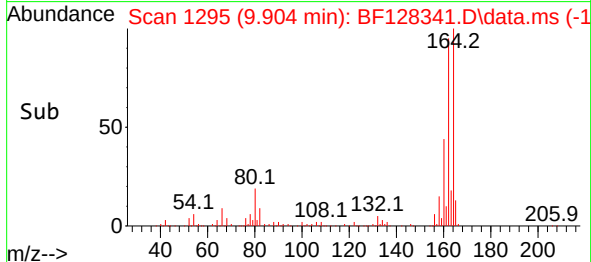
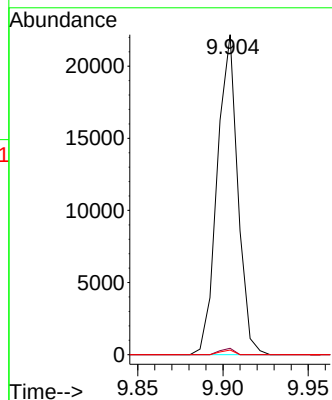
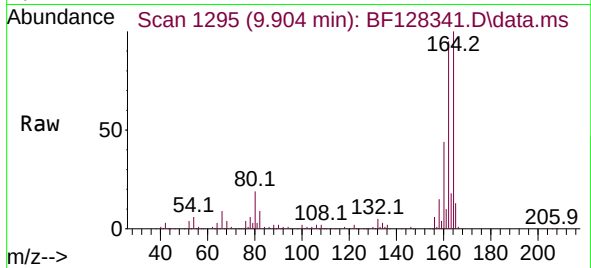




#51
2,6-Dinitrotoluene
Concen: 8.941 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

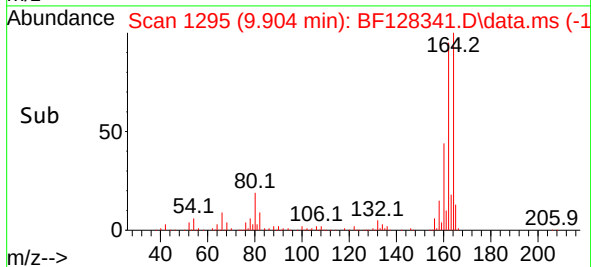
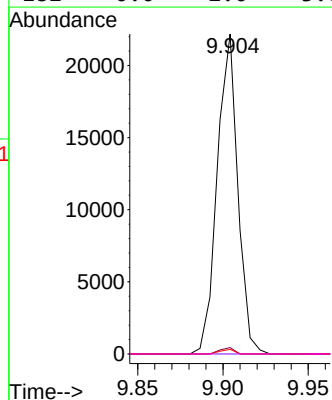
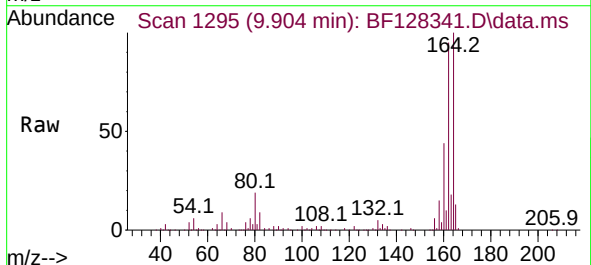
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1218-01

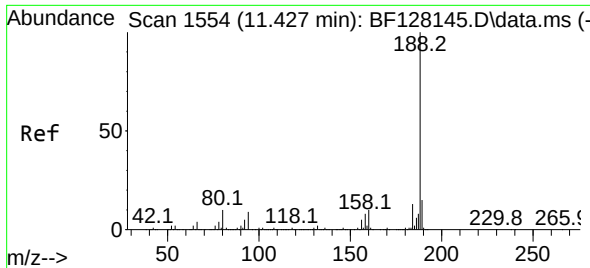
Tgt Ion:165 Resp: 18613
Ion Ratio Lower Upper
165 100
63 2.0 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.211 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

Tgt Ion:165 Resp: 18613
Ion Ratio Lower Upper
165 100
63 2.0 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

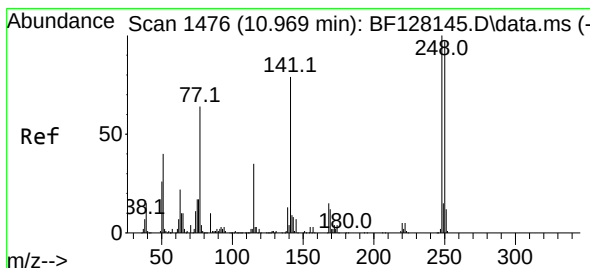
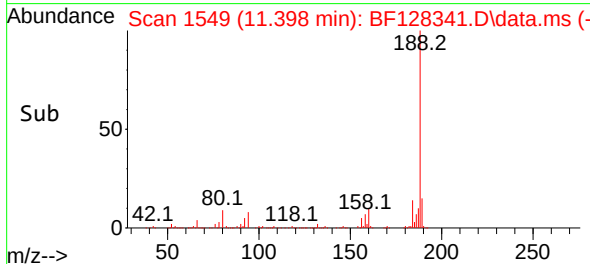
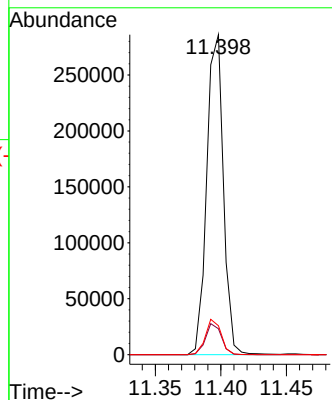
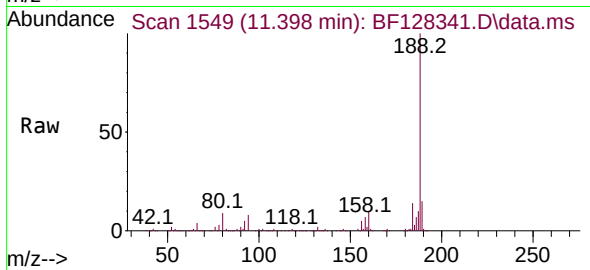




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

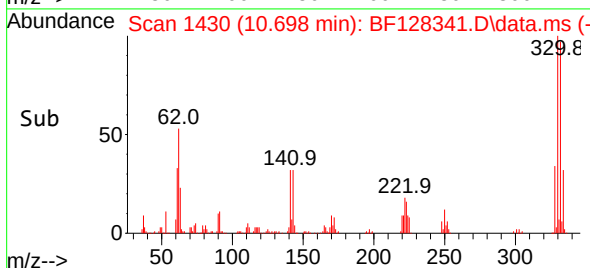
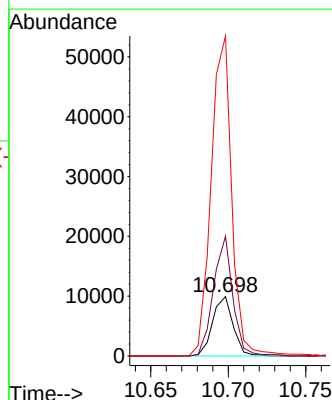
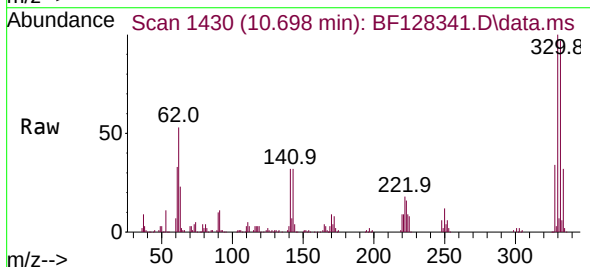
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1218-01

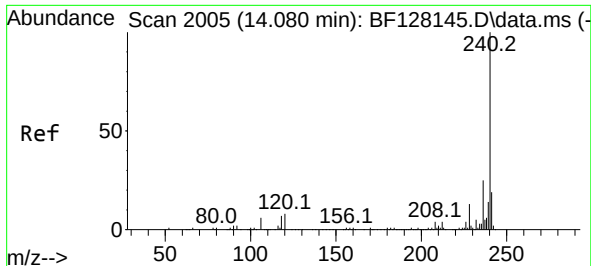
Tgt Ion:188 Resp: 253459
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 9.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.355 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

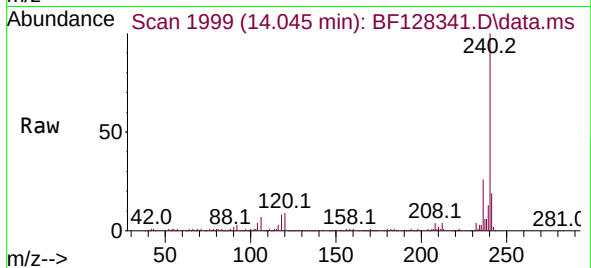
Tgt Ion:248 Resp: 9148
Ion Ratio Lower Upper
248 100
250 201.2 77.7 116.5#
141 538.3 65.6 98.4#



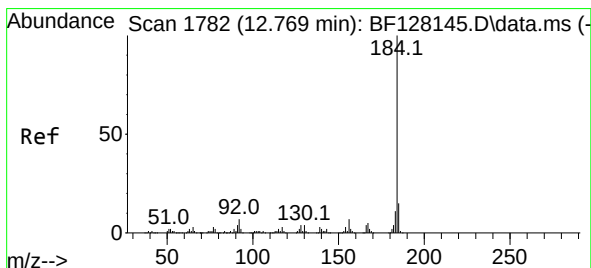
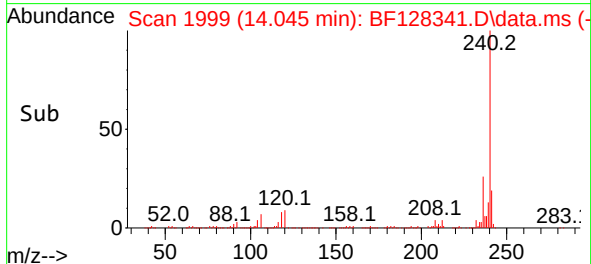
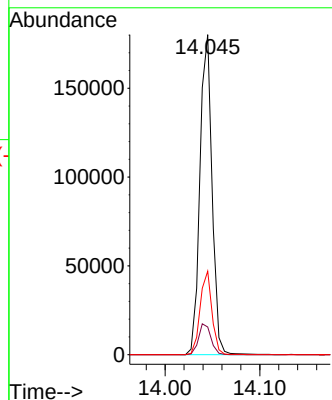


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

Instrument :
BNA_F
ClientSampleId :
P018-SS001-1218-01

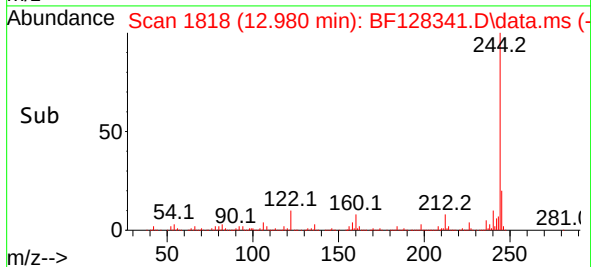
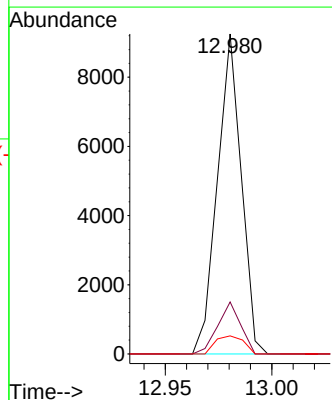
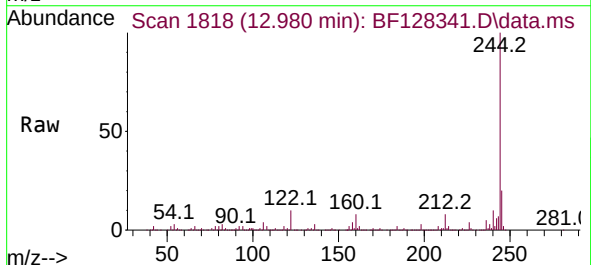


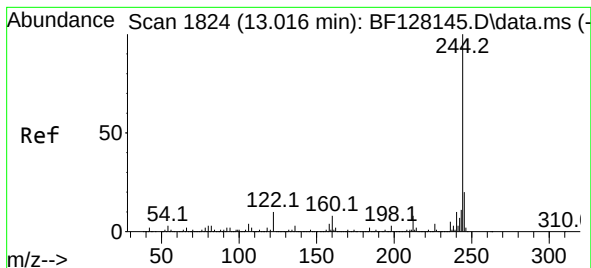
Tgt Ion:240 Resp: 161075
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.1 20.3 30.5



#77
Benzidine
Concen: 2.062 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.236 min
Lab File: BF128341.D
Acq: 19 May 2022 17:27

Tgt Ion:184 Resp: 7193
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 5.7 9.0 13.4#





#79

Terphenyl-d14

Concen: 57.812 ng

RT: 12.980 min Scan# 1818

Delta R.T. -0.011 min

Lab File: BF128341.D

Acq: 19 May 2022 17:27

Instrument :

BNA_F

ClientSampleId :

P018-SS001-1218-01

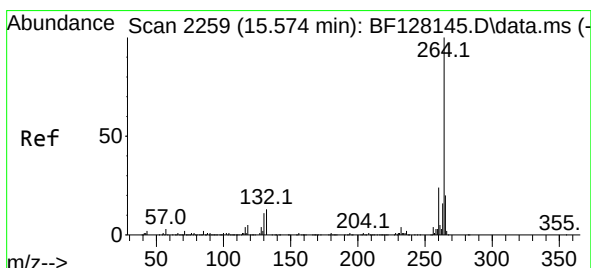
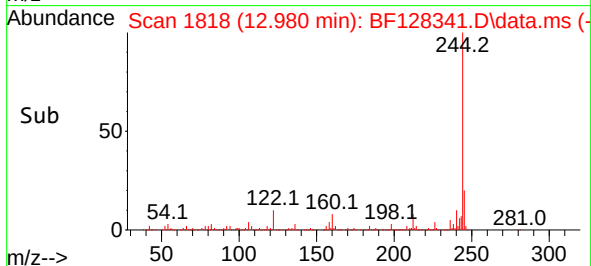
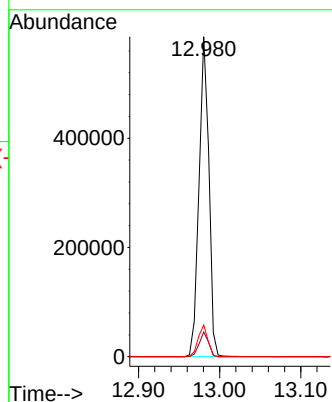
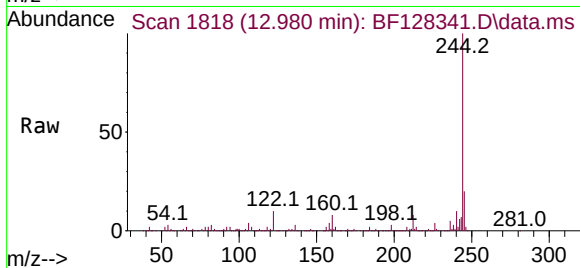
Tgt Ion:244 Resp: 496269

Ion Ratio Lower Upper

244 100

212 7.7 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. -0.012 min

Lab File: BF128341.D

Acq: 19 May 2022 17:27

Tgt Ion:264 Resp: 171577

Ion Ratio Lower Upper

264 100

260 23.2 20.1 30.1

265 21.1 17.5 26.3

