

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128347.D
 Acq On : 19 May 2022 20:25
 Operator : CG\JU
 Sample : N2871-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P017-SS001-1218-01

Quant Time: May 20 02:47:05 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)

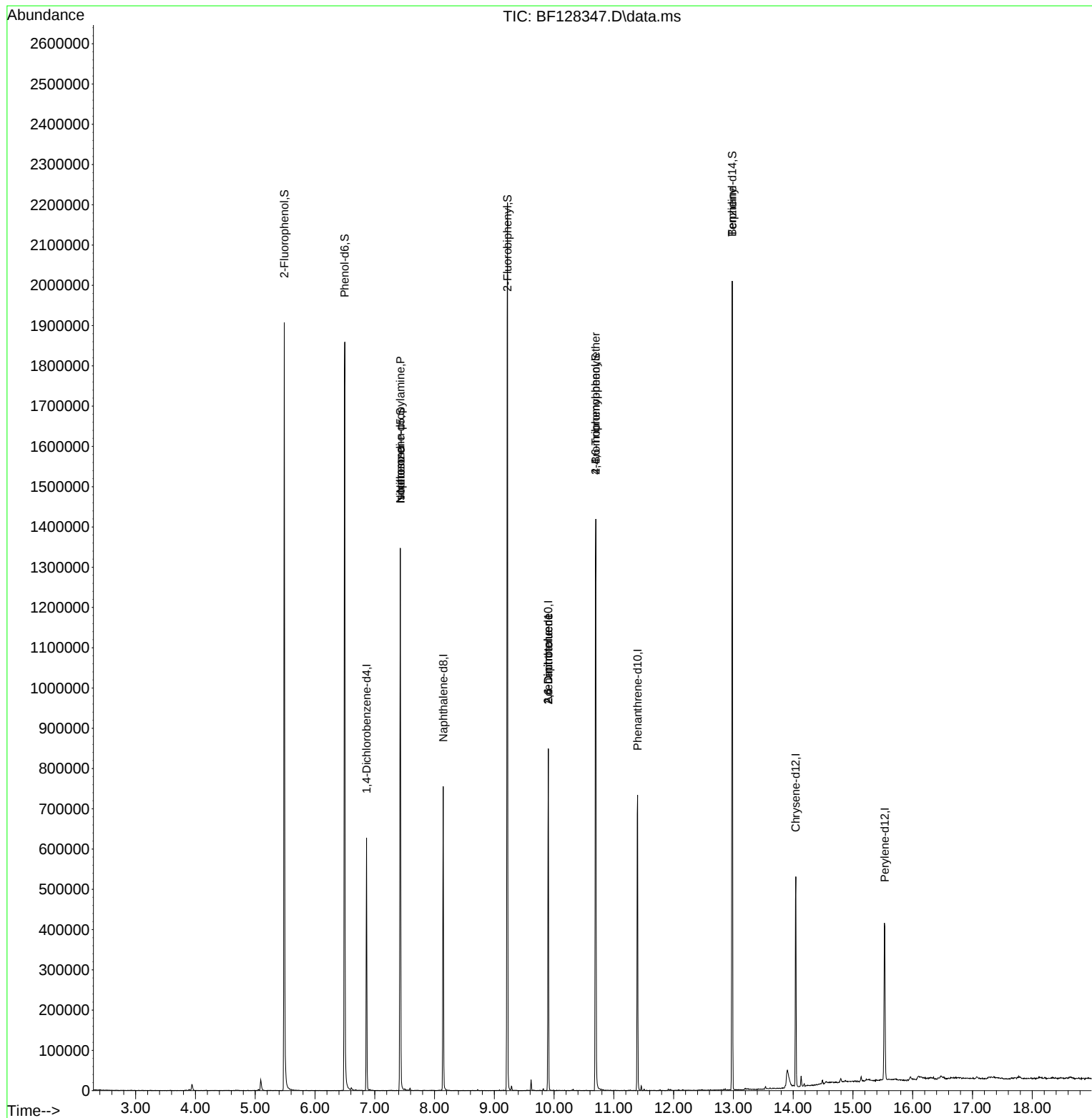
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80906	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	304627	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	167055	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	276326	20.000	ng	0.00
76) Chrysene-d12	14.045	240	182718	20.000	ng	-0.01
86) Perylene-d12	15.533	264	181699	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	458354	90.312	ng	0.00
7) Phenol-d6	6.498	99	627201	93.434	ng	-0.01
23) Nitrobenzene-d5	7.428	82	436941	64.541	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	164855	86.045	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	674347	63.162	ng	-0.01
79) Terphenyl-d14	12.980	244	634440	65.154	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1188	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	58492	14.149	ng	# 80
25) Isophorone	7.428	82	436938	41.167	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	21509	9.095	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21509	6.802	ng	# 25
67) 4-Bromophenyl-phenylether	10.698	248	10367	3.487	ng	# 1
77) Benzidine	12.980	184	9475	2.394	ng	# 88

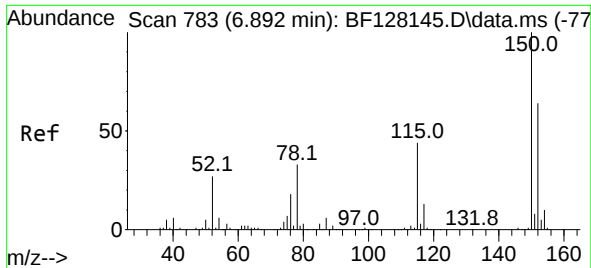
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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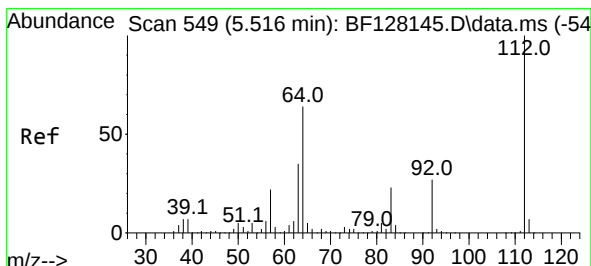
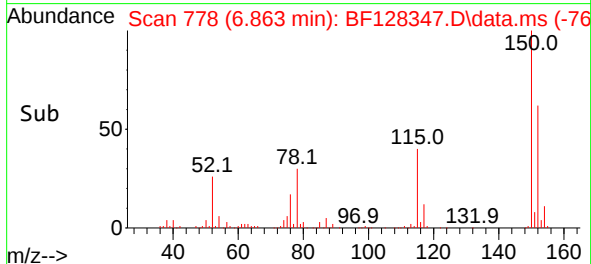
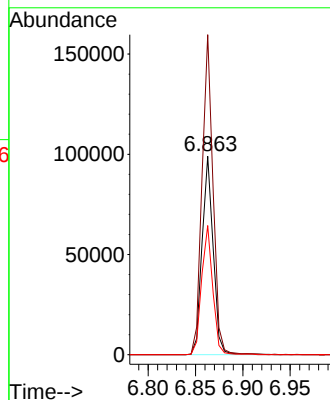
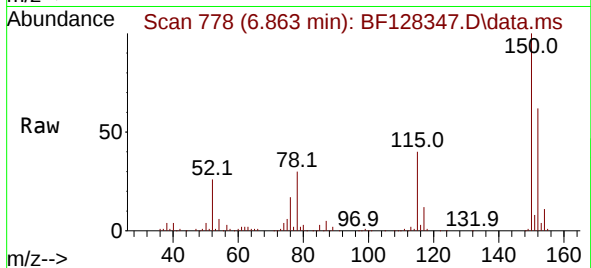




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

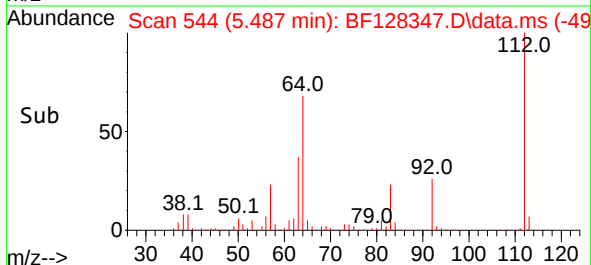
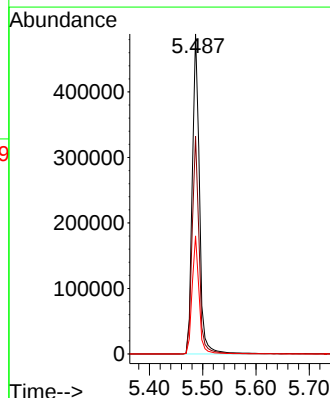
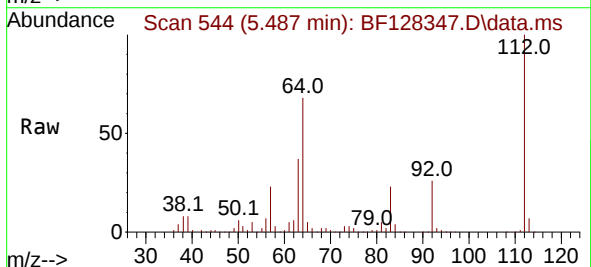
Instrument :
BNA_F
ClientSampleId :
P017-SS001-1218-01

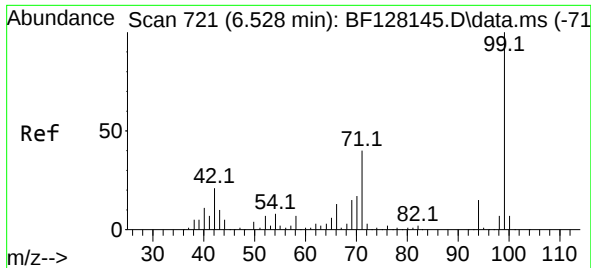
Tgt Ion:152 Resp: 80906
Ion Ratio Lower Upper
152 100
150 161.3 125.3 187.9
115 65.1 48.8 73.2



#5
2-Fluorophenol
Concen: 90.312 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

Tgt Ion:112 Resp: 458354
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 36.9 26.3 39.5

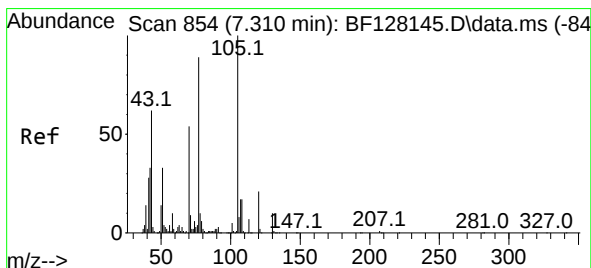
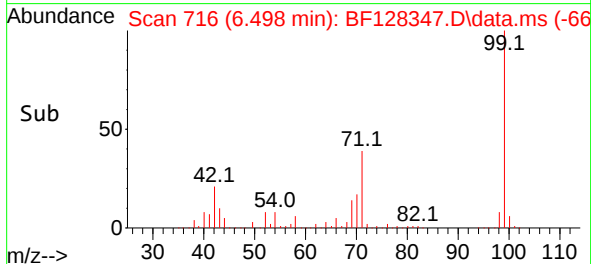
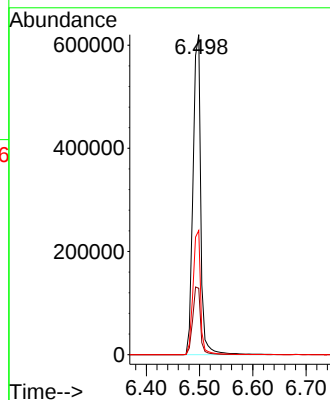
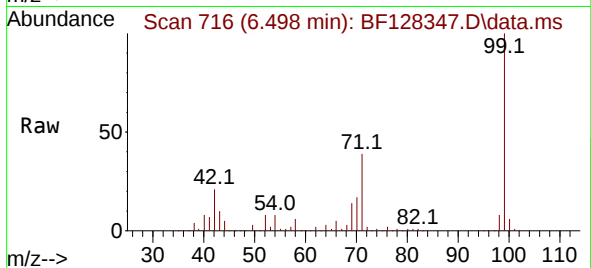




#7
Phenol-d6
Concen: 93.434 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

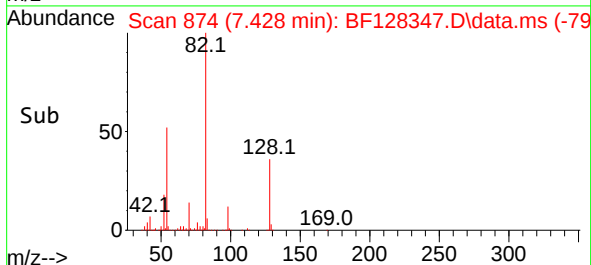
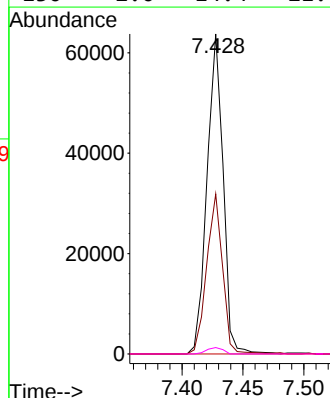
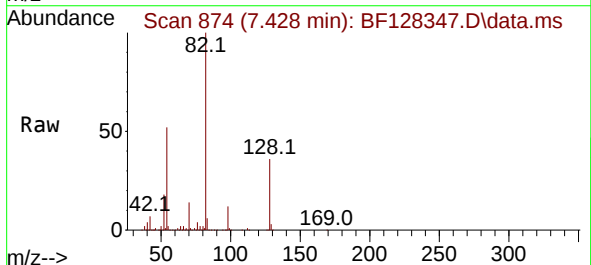
Instrument :
BNA_F
ClientSampleId :
P017-SS001-1218-01

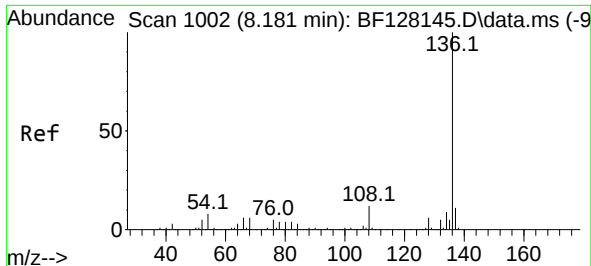
Tgt Ion: 99 Resp: 627201
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 38.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.149 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

Tgt Ion: 70 Resp: 58492
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

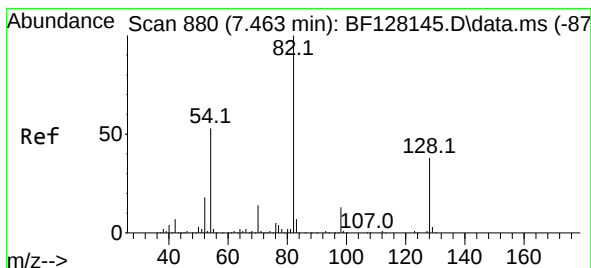
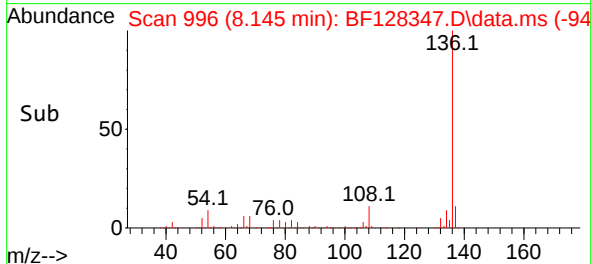
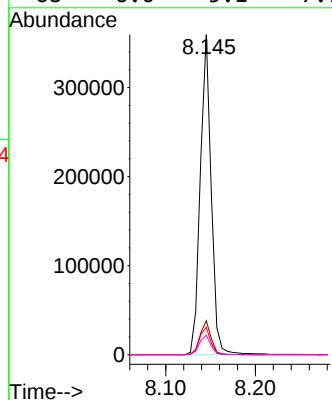
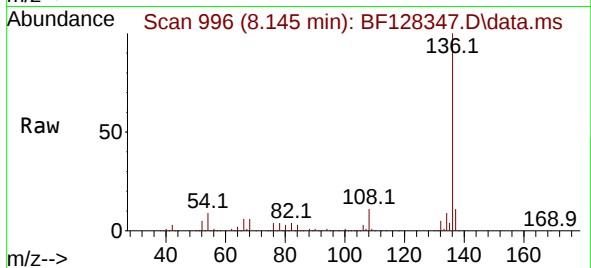




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

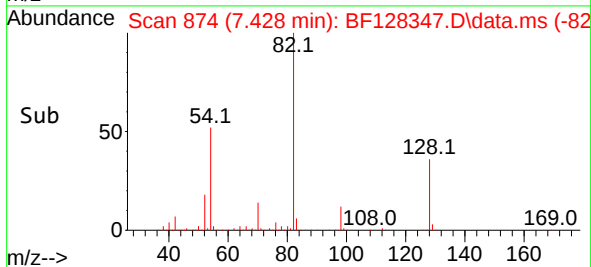
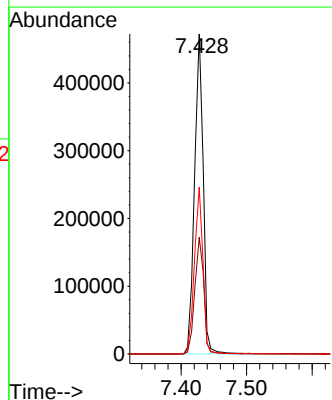
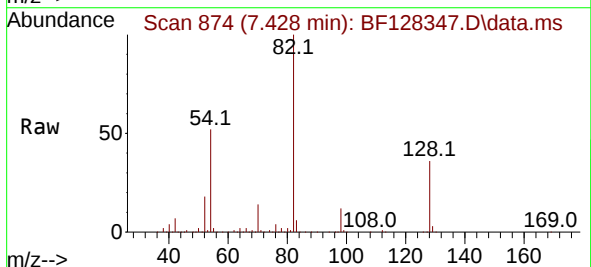
Instrument :
BNA_F
ClientSampleId :
P017-SS001-1218-01

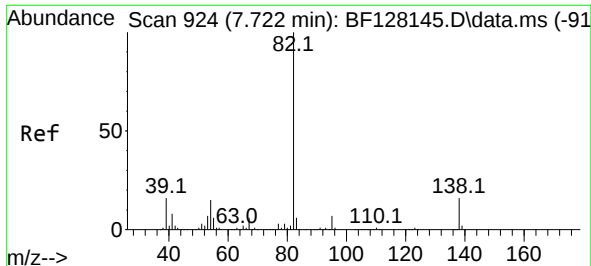
Tgt Ion:136 Resp: 304627
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 6.8 10.2
68 6.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 64.541 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.018 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

Tgt Ion: 82 Resp: 436941
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 52.1 41.3 61.9

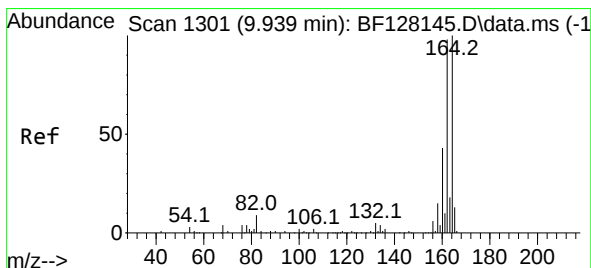
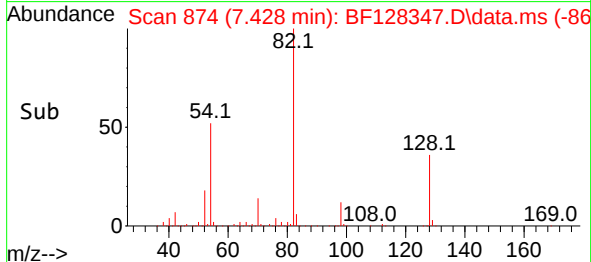
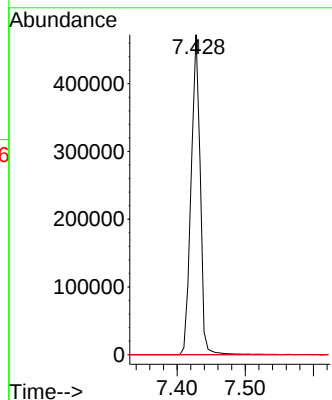
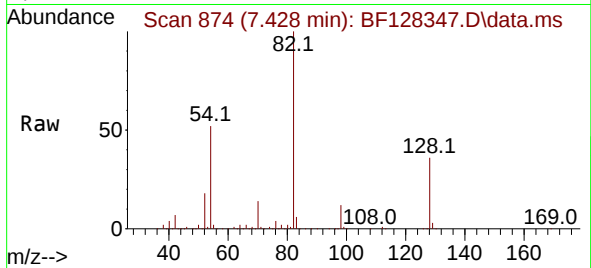




#25
Isophorone
Concen: 41.167 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

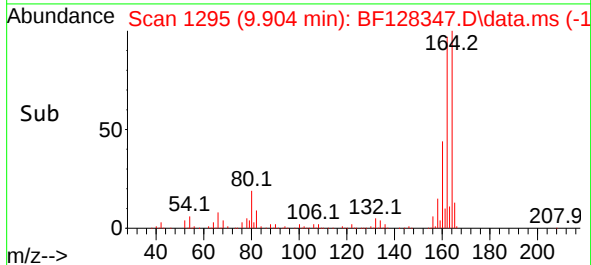
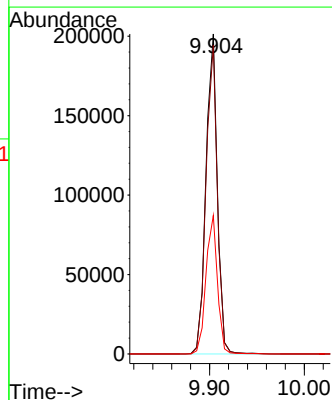
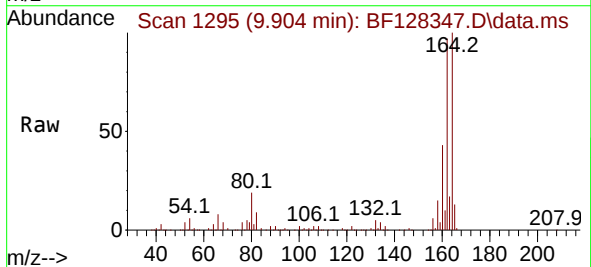
Instrument :
BNA_F
ClientSampleId :
P017-SS001-1218-01

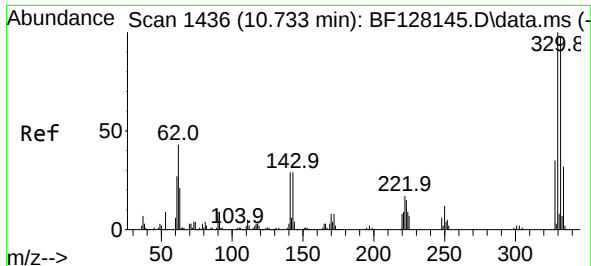
Tgt Ion: 82 Resp: 436938
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

Tgt Ion:164 Resp: 167055
Ion Ratio Lower Upper
164 100
162 96.5 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.045 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128347.D

Acq: 19 May 2022 20:25

Instrument :

BNA_F

ClientSampleId :

P017-SS001-1218-01

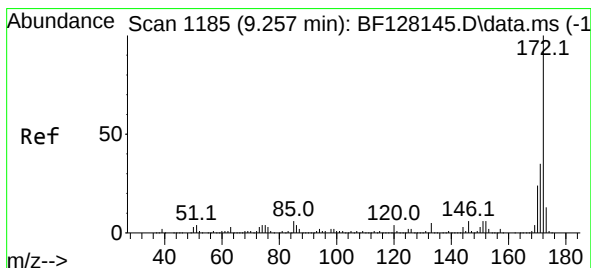
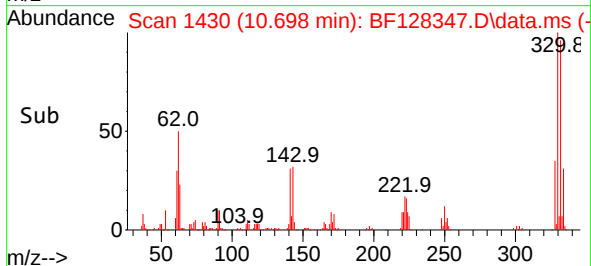
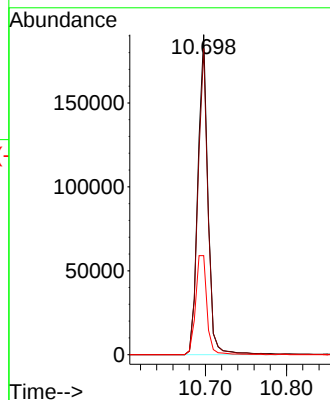
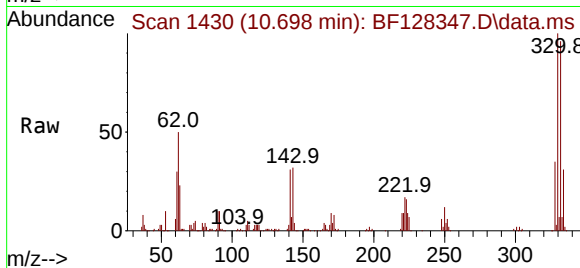
Tgt Ion:330 Resp: 164855

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 34.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 63.162 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128347.D

Acq: 19 May 2022 20:25

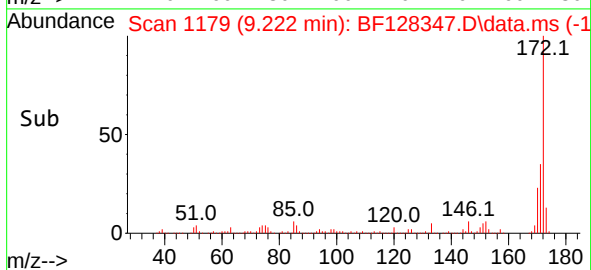
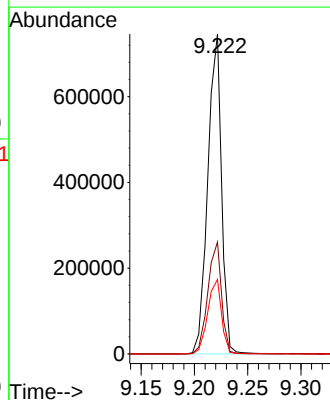
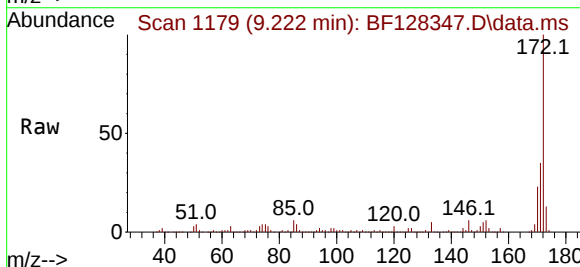
Tgt Ion:172 Resp: 674347

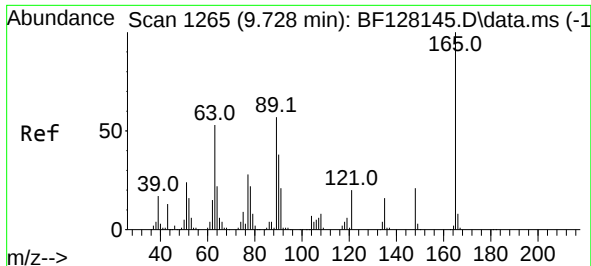
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.3 19.1 28.7

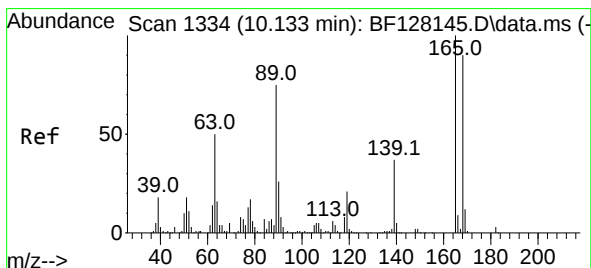
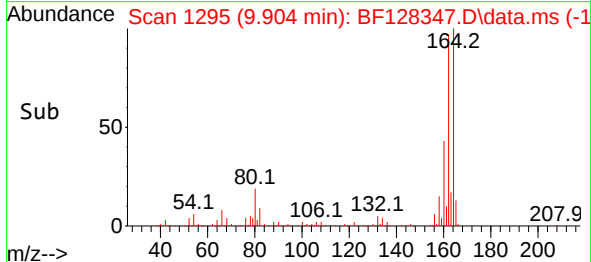
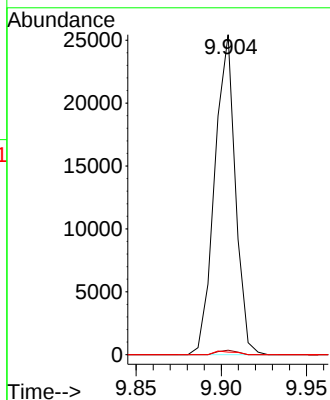
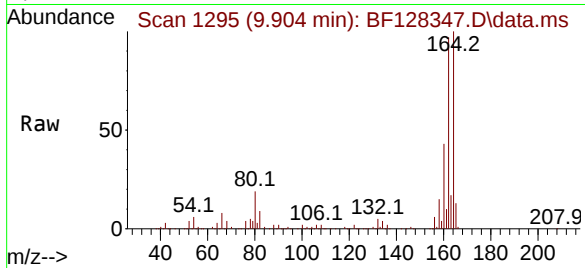




#51
2,6-Dinitrotoluene
Concen: 9.095 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

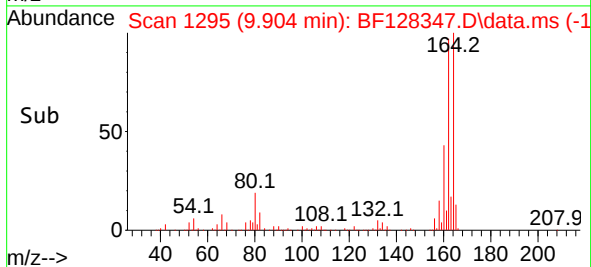
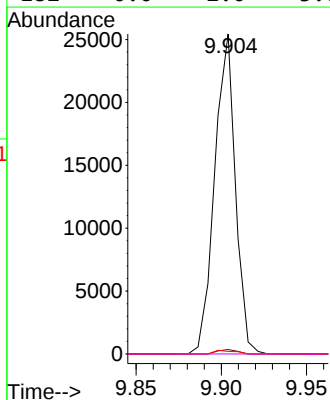
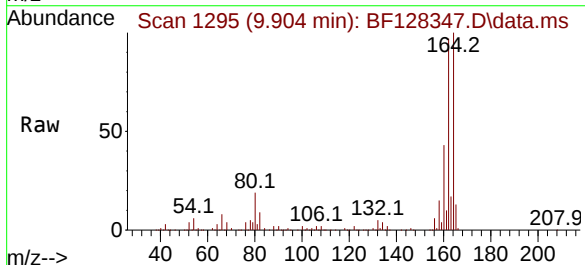
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ClientSampleId :
P017-SS001-1218-01

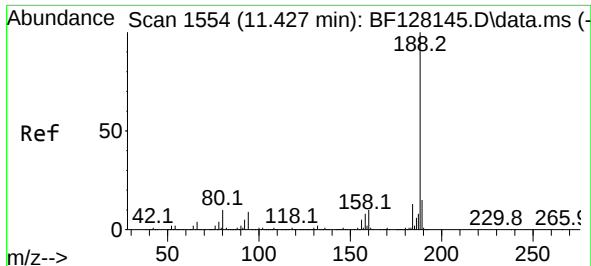
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	49.5	74.3#
89	0.8	49.0	73.4#



#57
2,4-Dinitrotoluene
Concen: 6.802 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

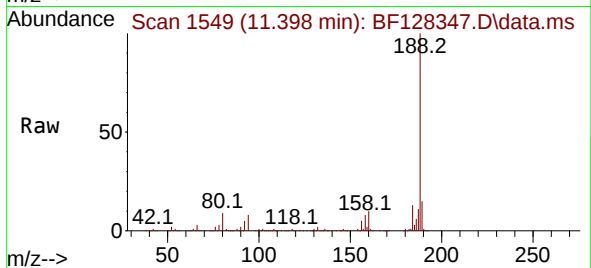
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.6	49.0#
89	0.8	55.2	82.8#
182	0.0	2.0	3.0#



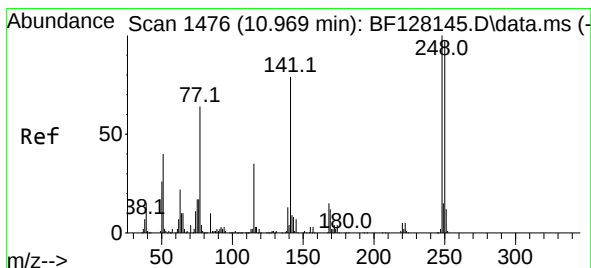
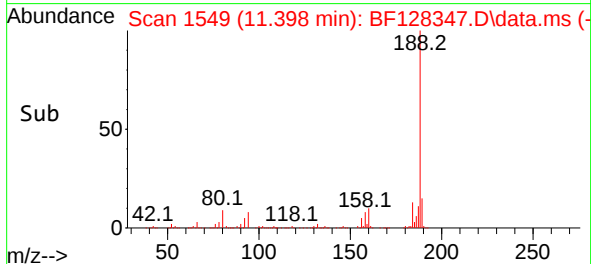
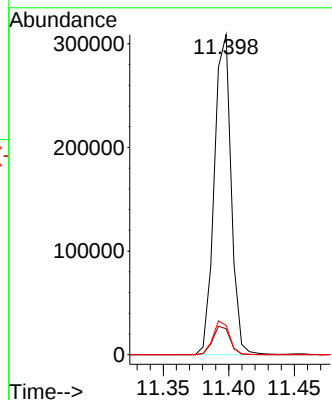


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

Instrument :
BNA_F
ClientSampleId :
P017-SS001-1218-01

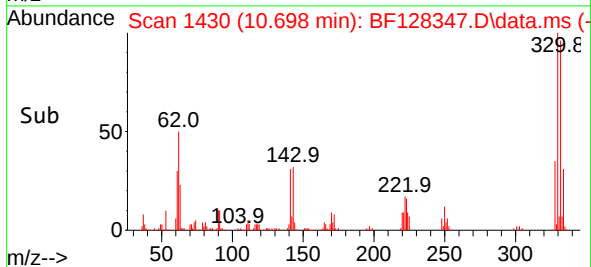
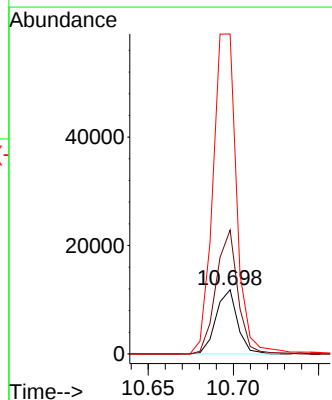
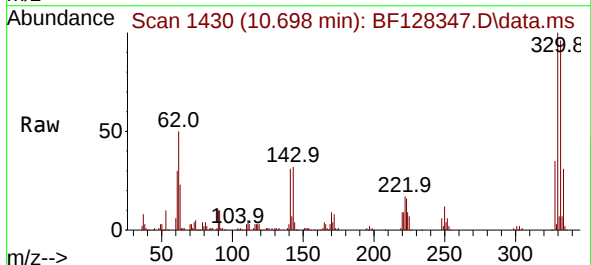


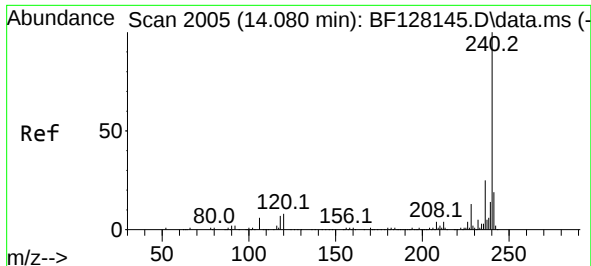
Tgt Ion:188 Resp: 276326
Ion Ratio Lower Upper
188 100
94 8.1 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.487 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

Tgt Ion:248 Resp: 10367
Ion Ratio Lower Upper
248 100
250 193.4 77.7 116.5#
141 499.3 65.6 98.4#

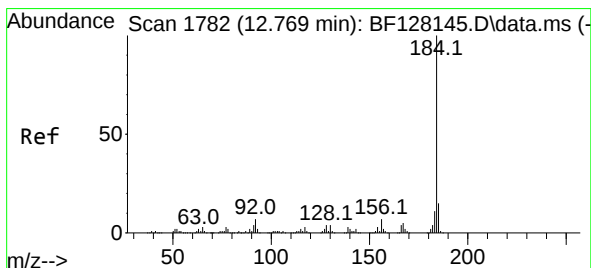
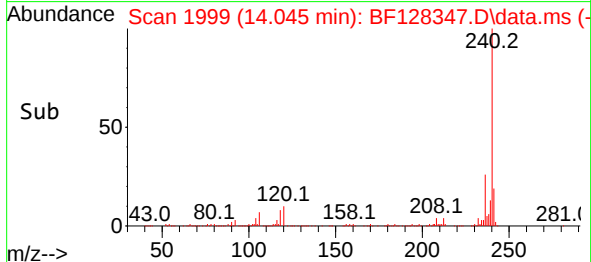
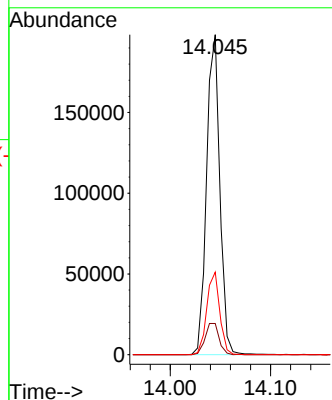
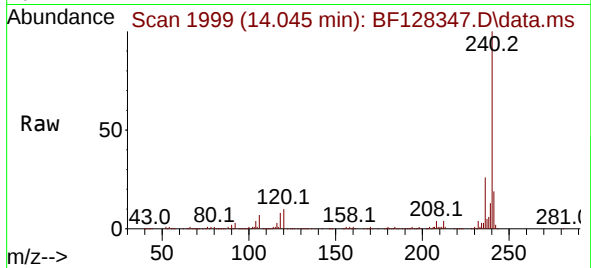




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

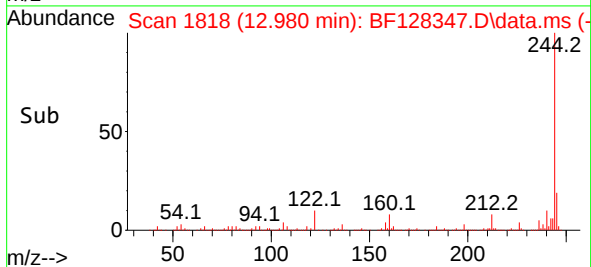
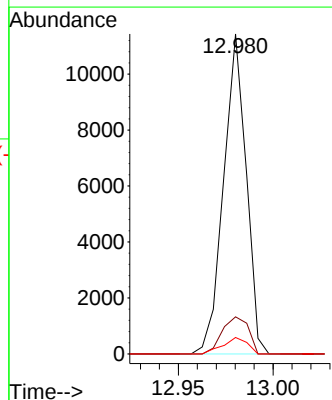
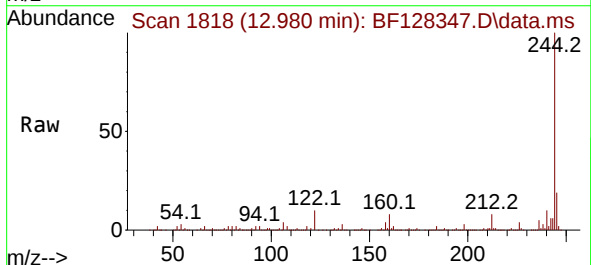
Instrument :
BNA_F
ClientSampleId :
P017-SS001-1218-01

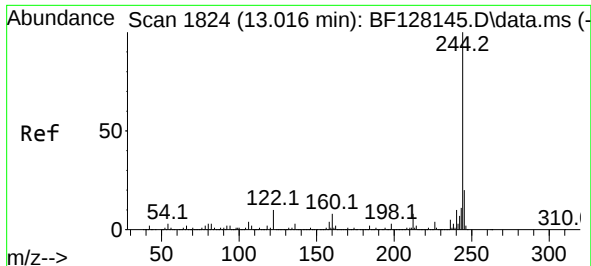
Tgt Ion:240 Resp: 182718
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 2.394 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.235 min
Lab File: BF128347.D
Acq: 19 May 2022 20:25

Tgt Ion:184 Resp: 9475
Ion Ratio Lower Upper
184 100
185 11.6 12.1 18.1#
183 5.2 9.0 13.4#

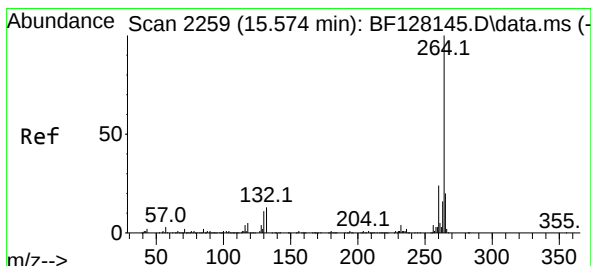
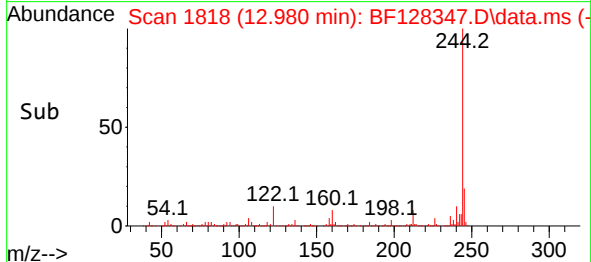
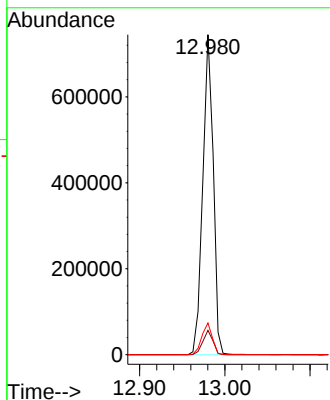
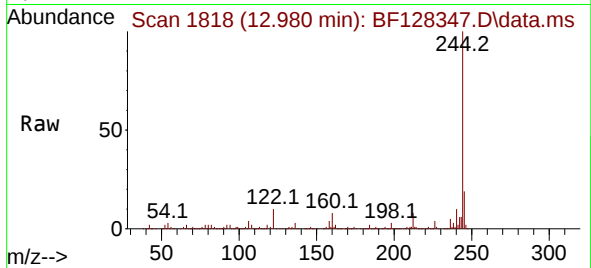




#79
 Terphenyl-d14
 Concen: 65.154 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.012 min
 Lab File: BF128347.D
 Acq: 19 May 2022 20:25

Instrument :
 BNA_F
 ClientSampleId :
 P017-SS001-1218-01

Tgt Ion:244 Resp: 634440
 Ion Ratio Lower Upper
 244 100
 212 7.6 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: BF128347.D
 Acq: 19 May 2022 20:25

Tgt Ion:264 Resp: 181699
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.1 17.5 26.3

