

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128342.D
 Acq On : 19 May 2022 17:57
 Operator : CG\JU
 Sample : N2865-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P018-SS001-1824-01

Quant Time: May 19 18:50:22 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)

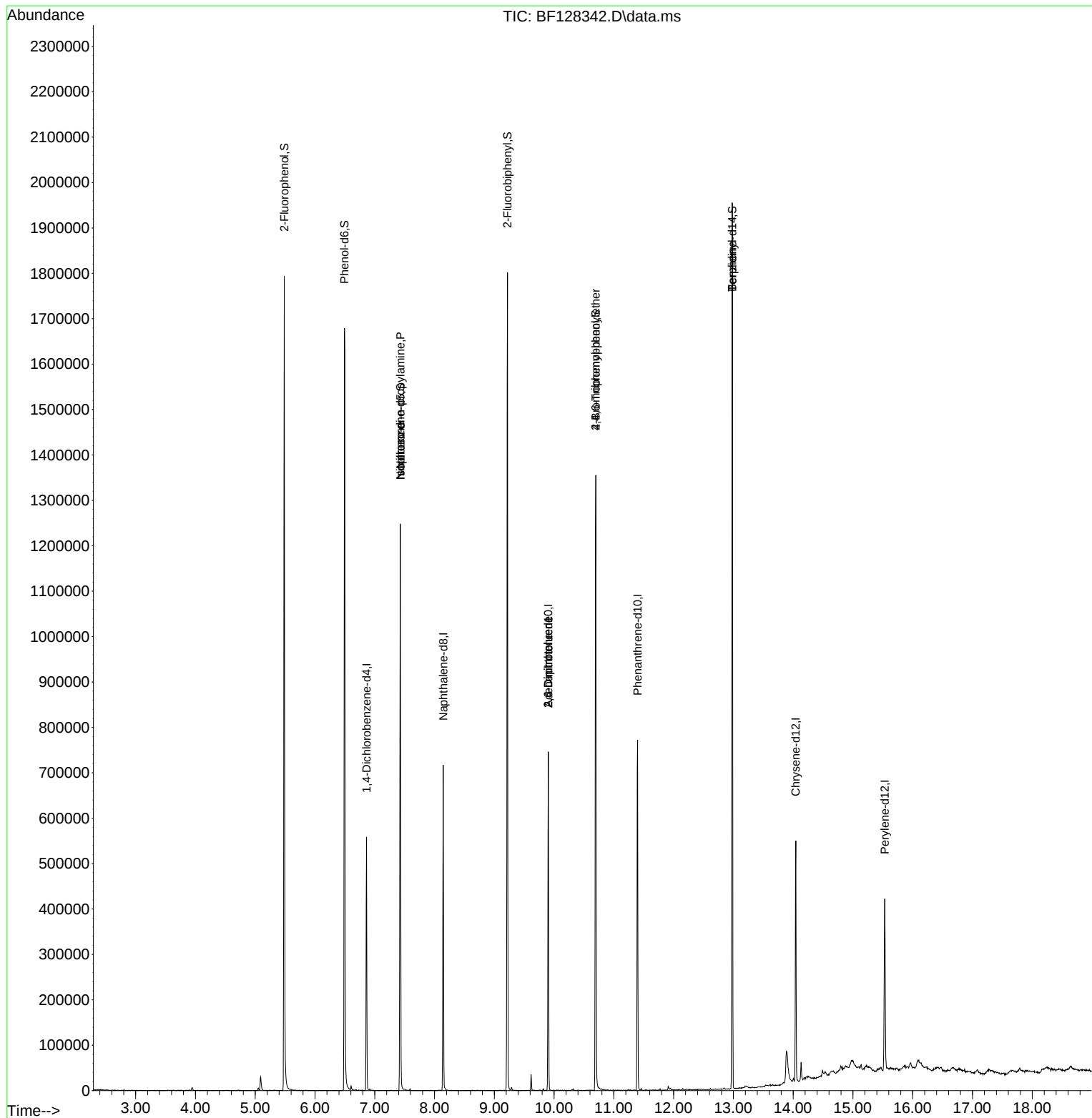
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73529	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	283512	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	147044	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	293241	20.000	ng	0.00
76) Chrysene-d12	14.045	240	176878	20.000	ng	-0.01
86) Perylene-d12	15.533	264	168623	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	431245	93.495	ng	0.00
7) Phenol-d6	6.493	99	567015	92.942	ng	-0.02
23) Nitrobenzene-d5	7.428	82	388355	61.636	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	151823	90.027	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	532312	56.643	ng	-0.01
79) Terphenyl-d14	12.980	244	634374	67.298	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	994	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	52584	13.996	ng	# 79
25) Isophorone	7.428	82	388352	39.315	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	19231	9.239	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	19231	6.909	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	9734	3.085	ng	# 1
77) Benzdine	12.980	184	9478	2.474	ng	# 93

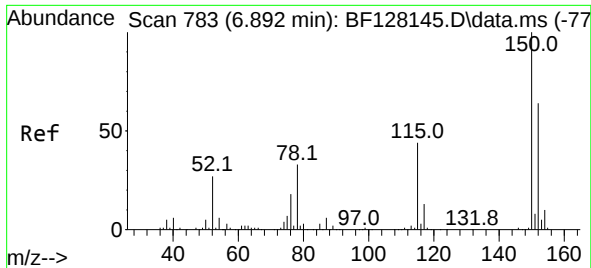
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
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P018-SS001-1824-01

Quant Time: May 19 18:50:22 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

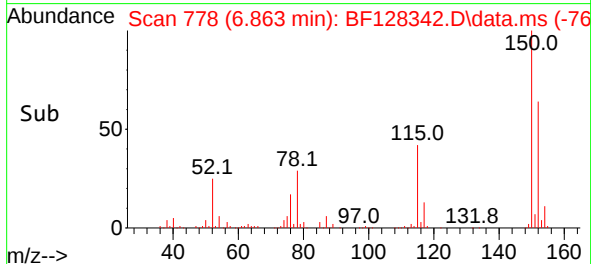
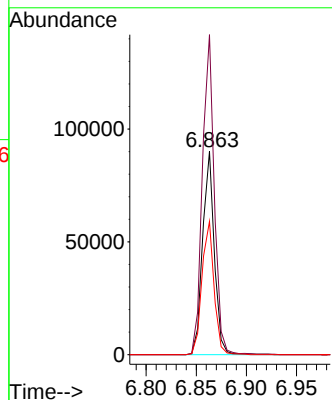
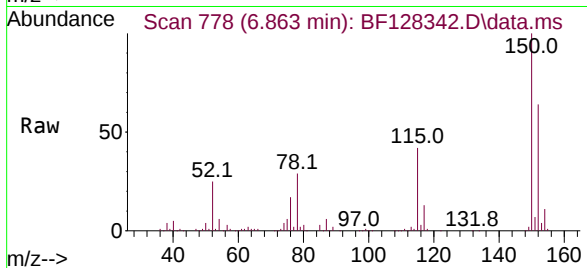




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

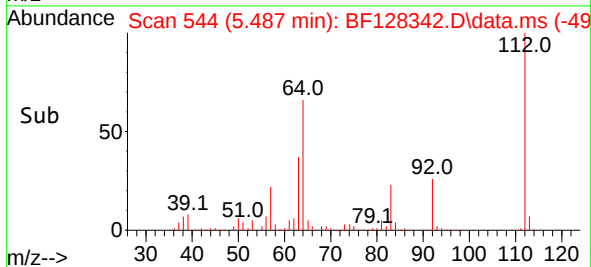
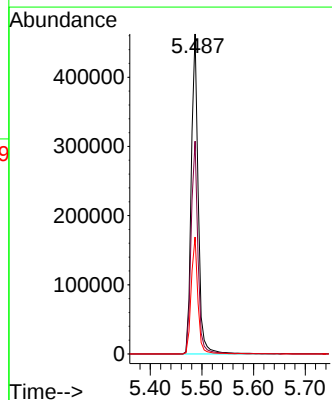
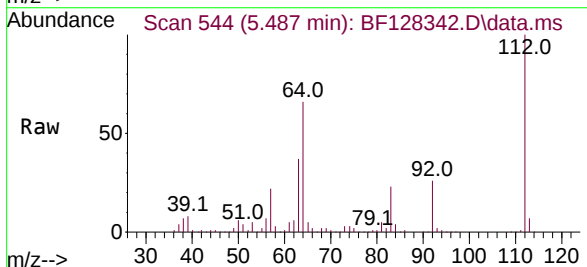
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

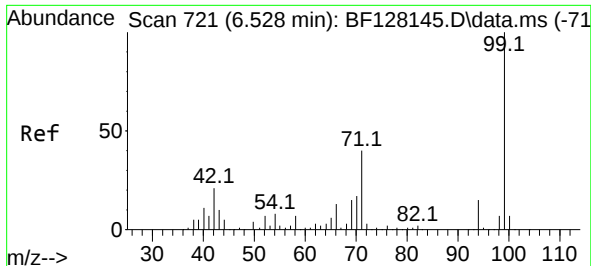
Tgt Ion:152 Resp: 73529
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 93.495 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion:112 Resp: 431245
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 36.5 26.3 39.5

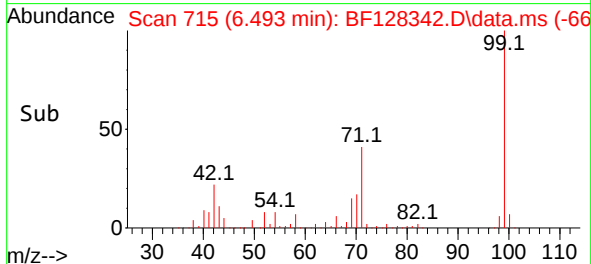
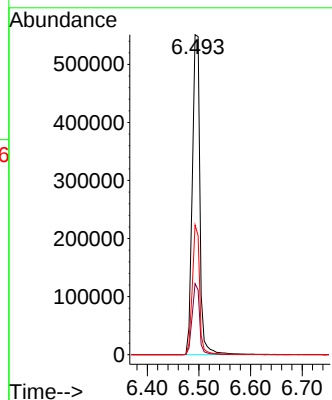
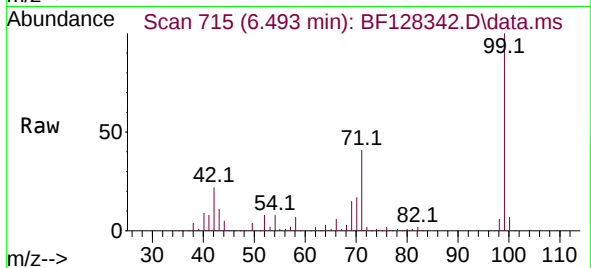




#7
Phenol-d6
Concen: 92.942 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

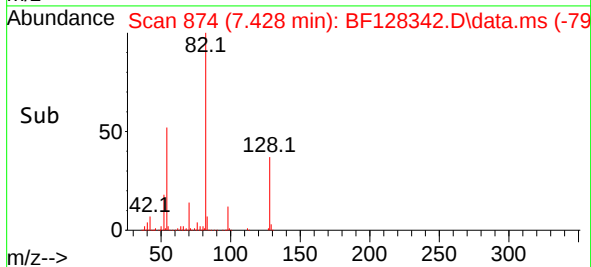
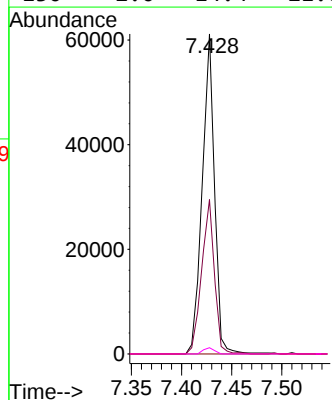
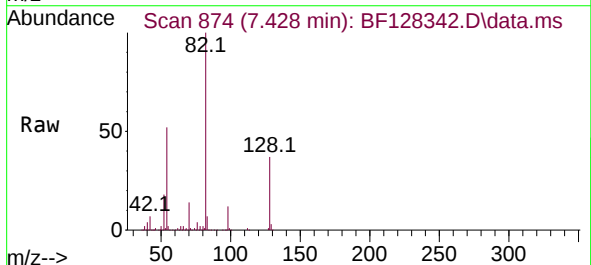
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

Tgt Ion: 99 Resp: 567015
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 40.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.996 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.141 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion: 70 Resp: 52584
Ion Ratio Lower Upper
70 100
42 48.3 48.7 73.1#
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

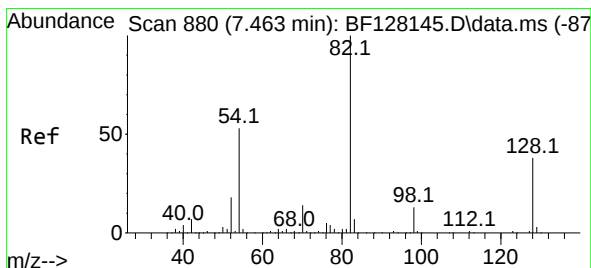
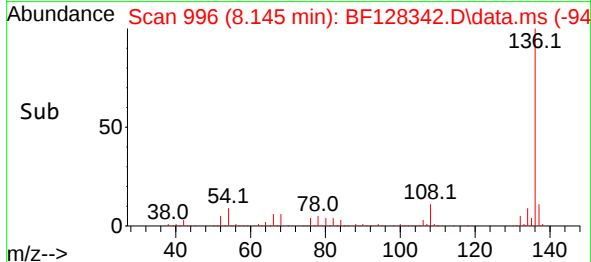
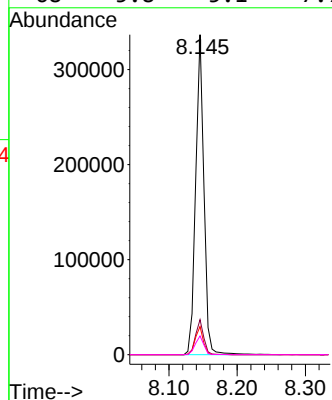
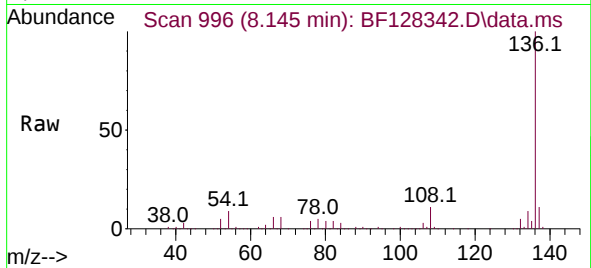




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

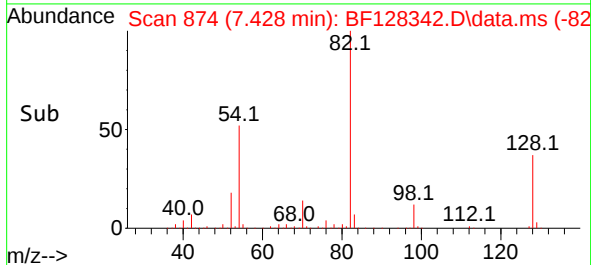
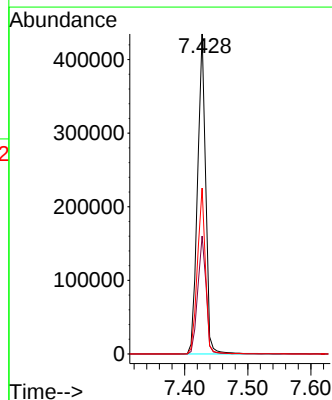
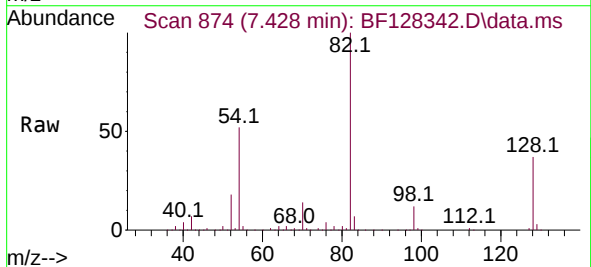
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

Tgt Ion:	136	Resp:	283512
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.8	6.8	10.2
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 61.636 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.017 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion:	82	Resp:	388355
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.0	45.0
54	51.8	41.3	61.9

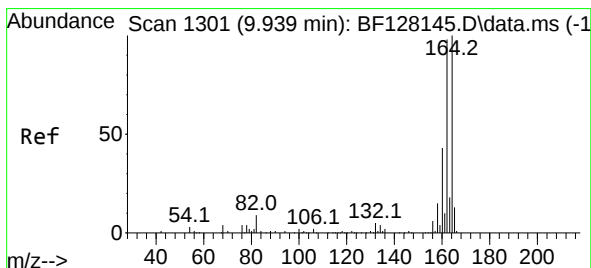
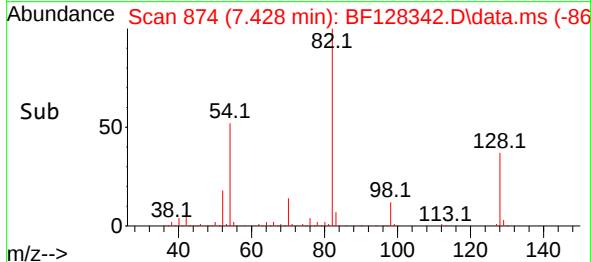
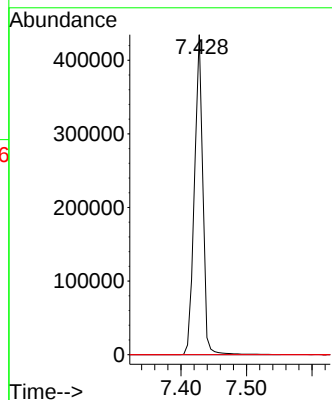
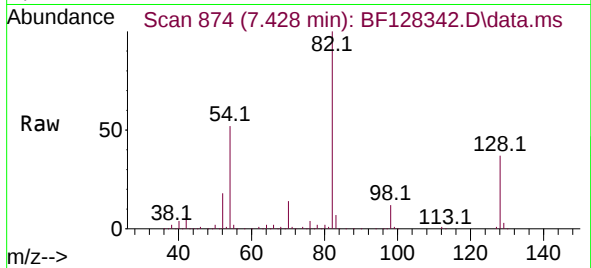




#25
Isophorone
Concen: 39.315 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

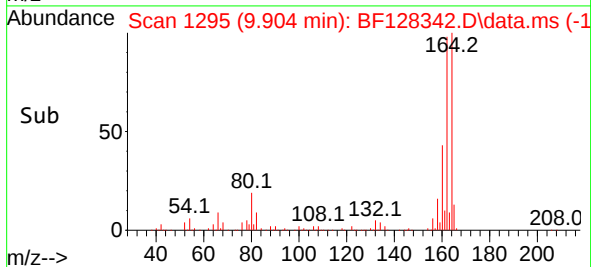
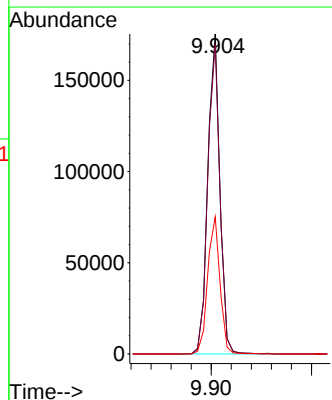
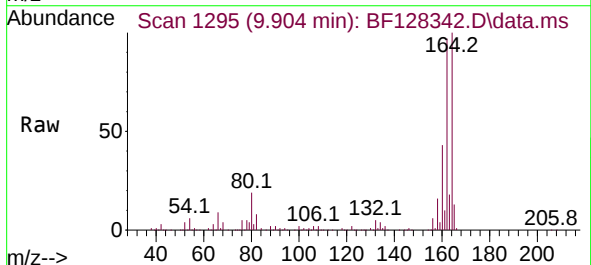
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

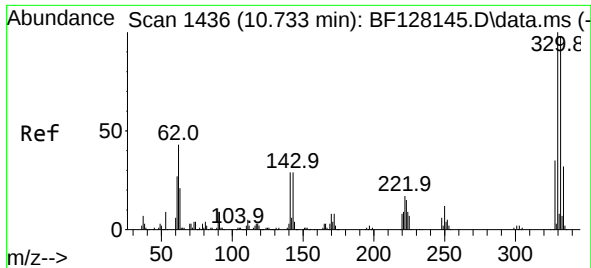
Tgt Ion: 82 Resp: 388352
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion:164 Resp: 147044
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 90.027 ng

RT: 10.698 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

Instrument :

BNA_F

ClientSampleId :

P018-SS001-1824-01

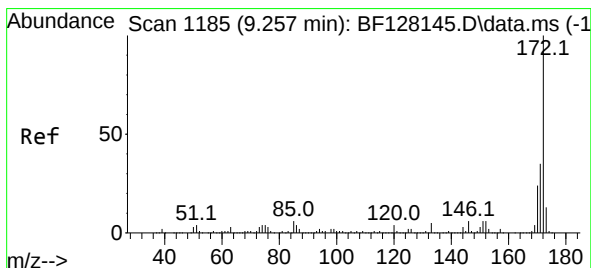
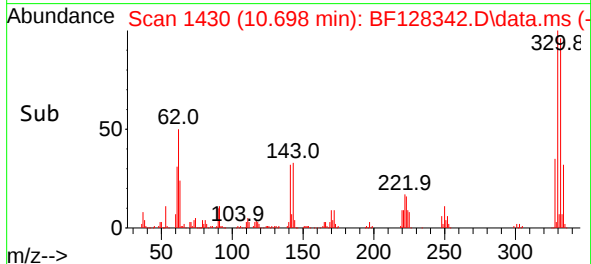
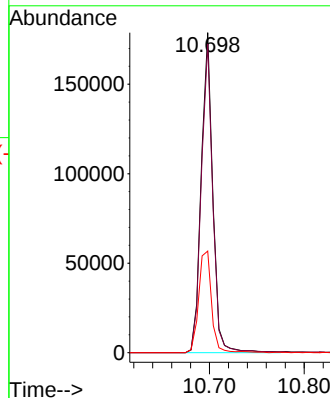
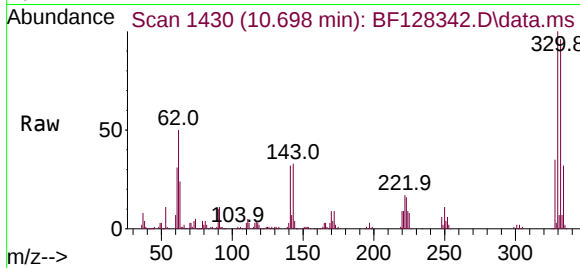
Tgt Ion:330 Resp: 151823

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 35.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 56.643 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

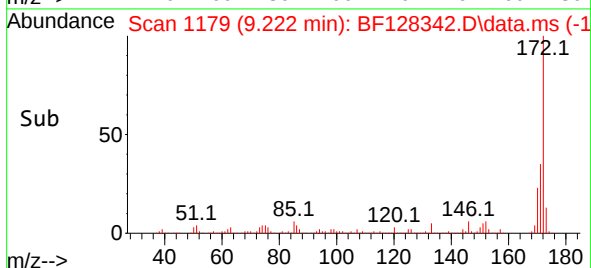
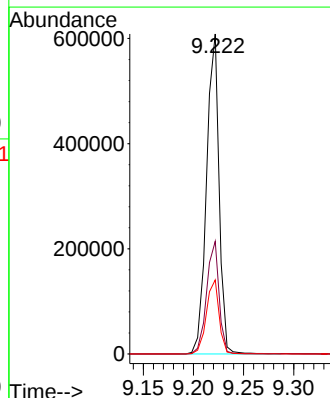
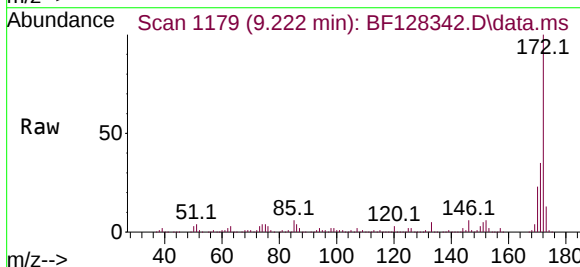
Tgt Ion:172 Resp: 532312

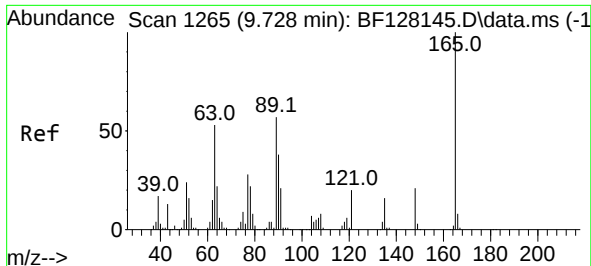
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.1 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.239 ng

RT: 9.904 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

Instrument :

BNA_F

ClientSampleId :

P018-SS001-1824-01

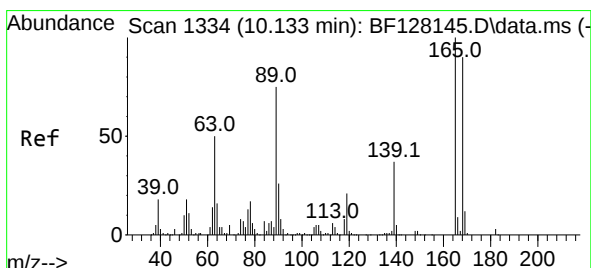
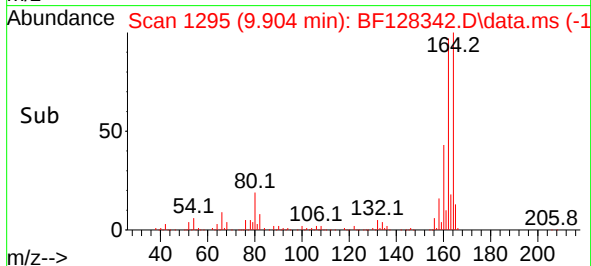
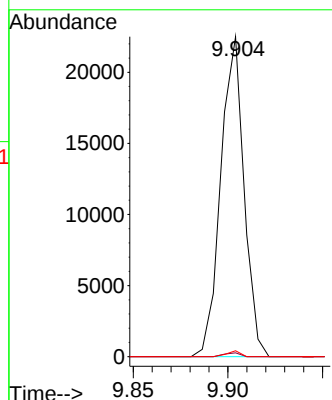
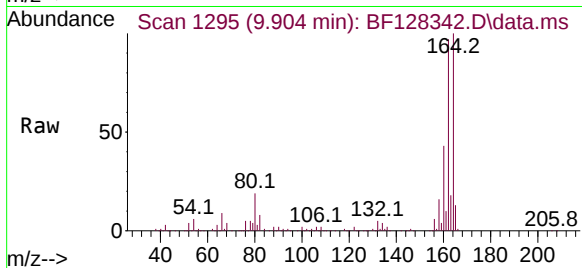
Tgt Ion:165 Resp: 19231

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: 6.909 ng

RT: 9.904 min Scan# 1295

Delta R.T. -0.212 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

Tgt Ion:165 Resp: 19231

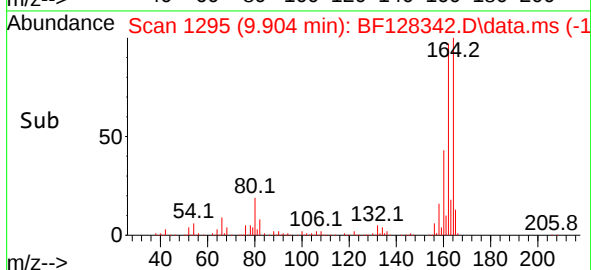
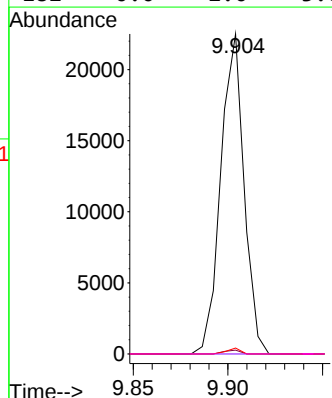
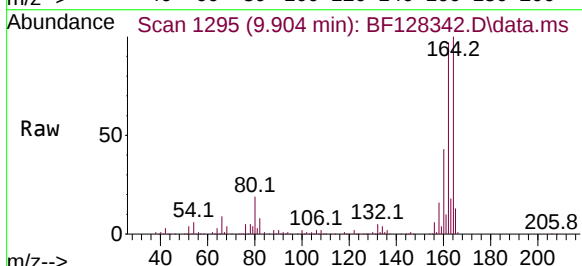
Ion Ratio Lower Upper

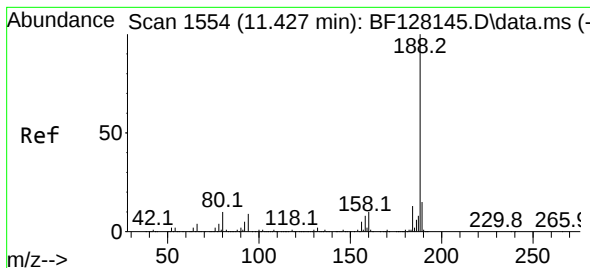
165 100

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: BF128342.D

Acq: 19 May 2022 17:57

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ClientSampleId :

P018-SS001-1824-01

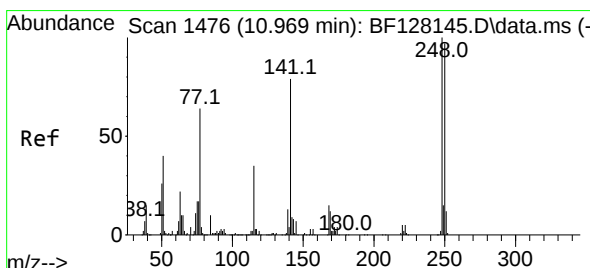
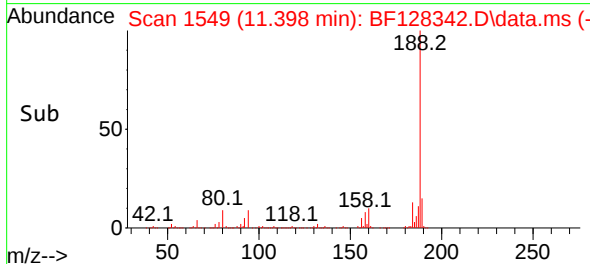
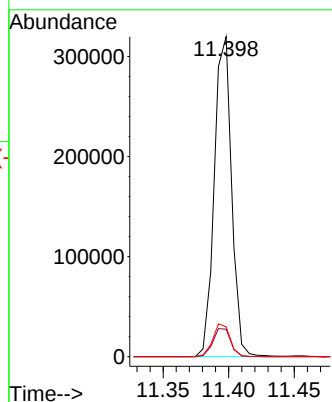
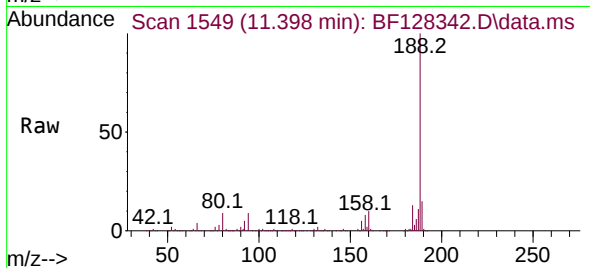
Tgt Ion:188 Resp: 293241

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 9.4 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.085 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.247 min

Lab File: BF128342.D

Acq: 19 May 2022 17:57

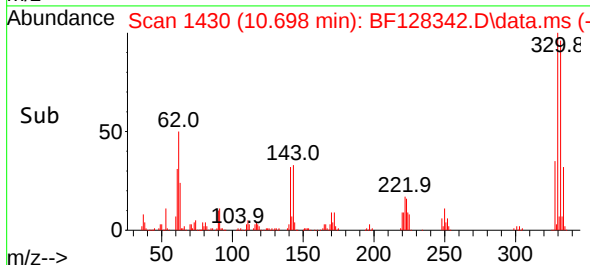
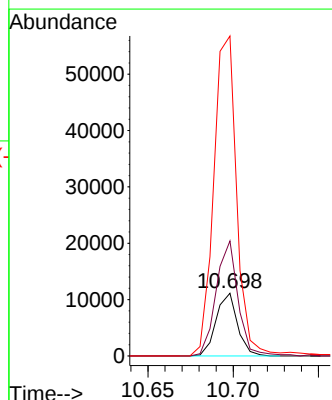
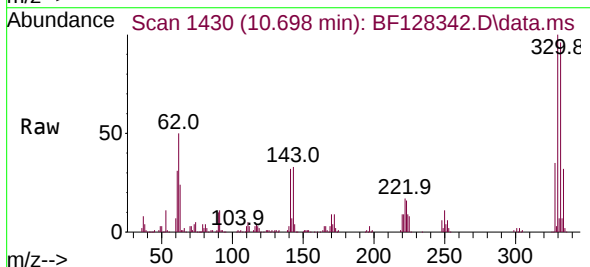
Tgt Ion:248 Resp: 9734

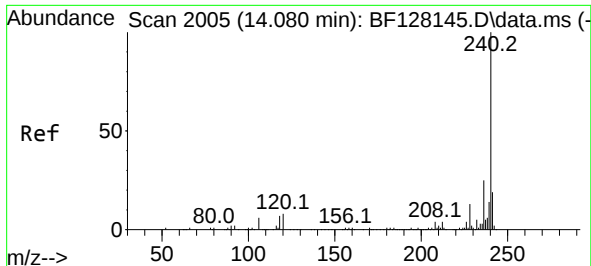
Ion Ratio Lower Upper

248 100

250 183.4 77.7 116.5#

141 510.1 65.6 98.4#

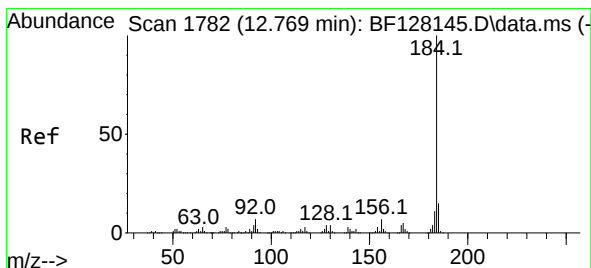
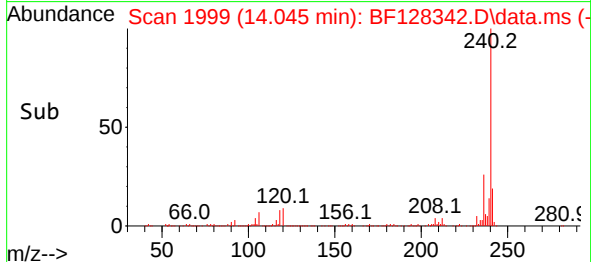
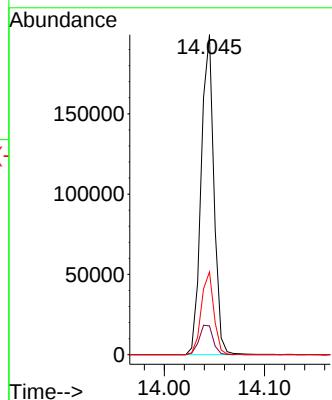
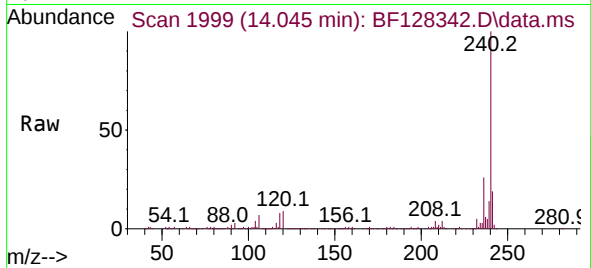




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

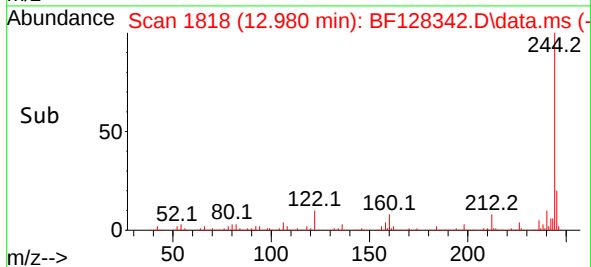
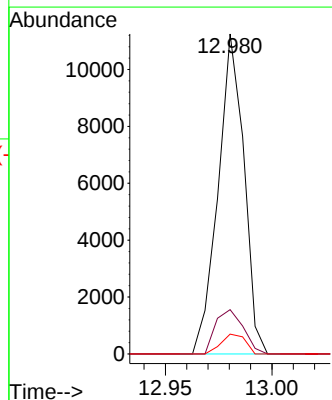
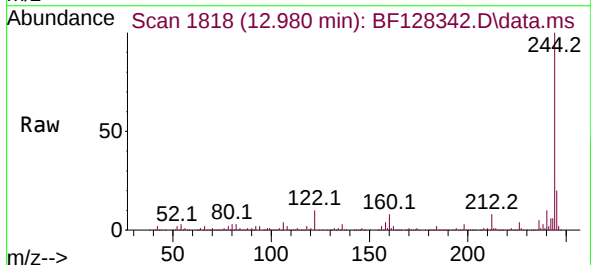
Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

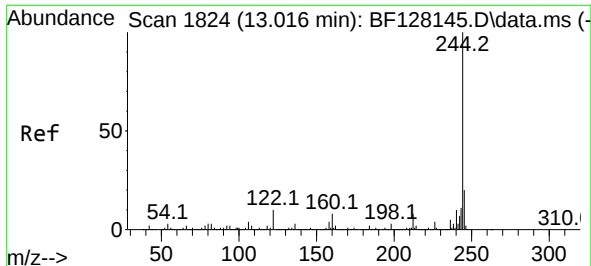
Tgt Ion:240 Resp: 176878
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.474 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.235 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion:184 Resp: 9478
Ion Ratio Lower Upper
184 100
185 13.8 12.1 18.1
183 6.2 9.0 13.4#

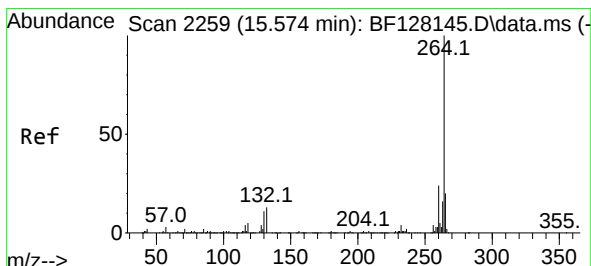
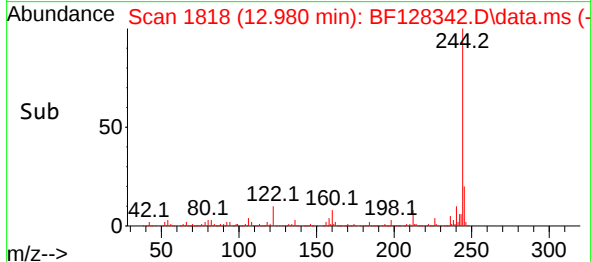
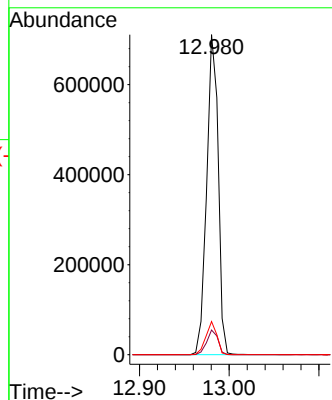
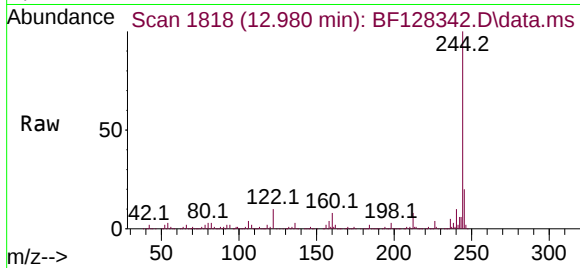




#79
Terphenyl-d14
Concen: 67.298 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128342.D
Acq: 19 May 2022 17:57

Instrument :
BNA_F
ClientSampleId :
P018-SS001-1824-01

Tgt Ion:244 Resp: 634374
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 10.3 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: BF128342.D
Acq: 19 May 2022 17:57

Tgt Ion:264 Resp: 168623
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 20.7 17.5 26.3

