

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128297.D
 Acq On : 17 May 2022 18:12
 Operator : CG\JU
 Sample : N2863-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS003-0006-01

Quant Time: May 18 01:34:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

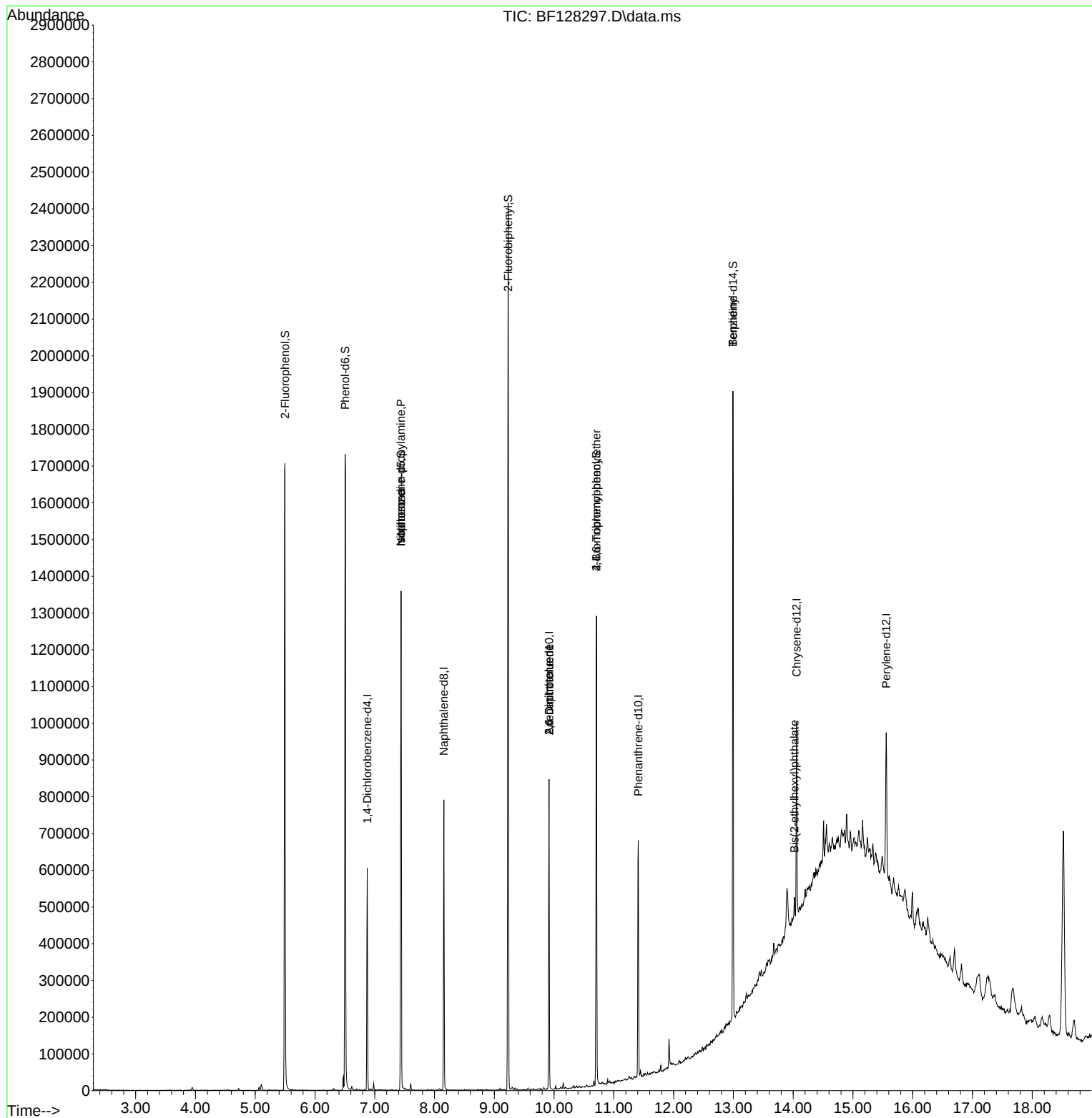
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75994	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	287913	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	151915	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	231510	20.000	ng	0.00
76) Chrysene-d12	14.057	240	171031	20.000	ng	0.00
86) Perylene-d12	15.557	264	162183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	446483	93.659	ng	0.00
7) Phenol-d6	6.504	99	587933	93.245	ng	-0.01
23) Nitrobenzene-d5	7.439	82	422017	65.955	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	140964	80.908	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	671354	69.148	ng	0.00
79) Terphenyl-d14	12.992	244	553699	60.747	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	124	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.439	70	56561	14.567	ng	# 82
25) Isophorone	7.439	82	422013	42.069	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	20478	9.523	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	20478	7.121	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	8970	3.601	ng	# 1
77) Benzidine	12.992	184	8840	2.386	ng	# 89
84) Bis(2-ethylhexyl)phtha...	14.021	149	14899	2.139	ng	99

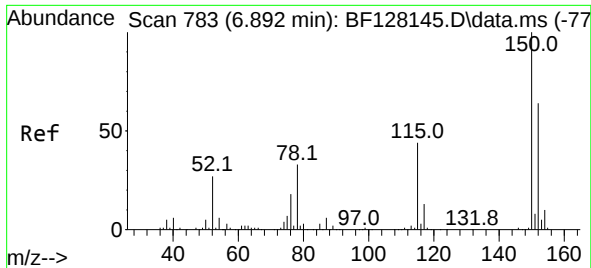
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
Data File : BF128297.D
Acq On : 17 May 2022 18:12
Operator : CG\JU
Sample : N2863-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P003-SS003-0006-01

Quant Time: May 18 01:34:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration

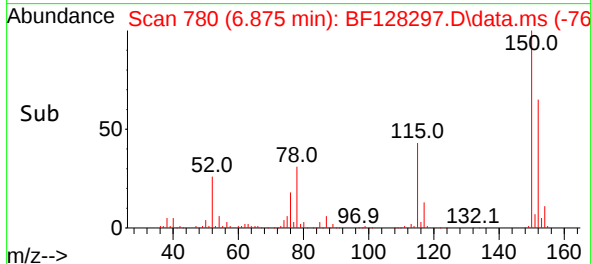
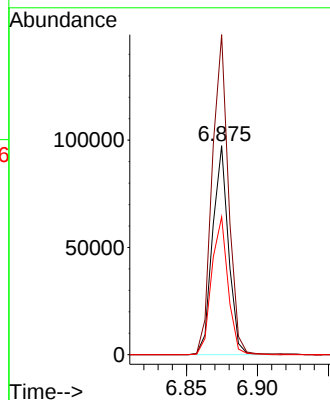
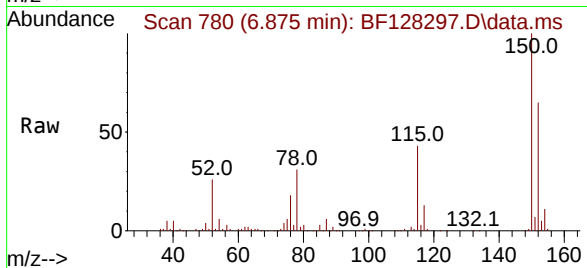




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128297.D
 Acq: 17 May 2022 18:12

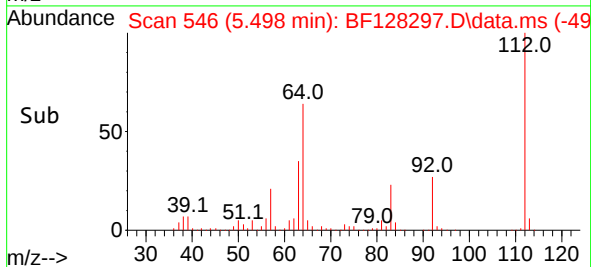
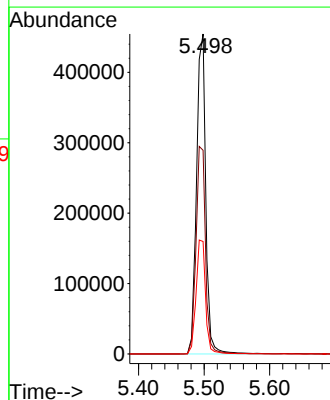
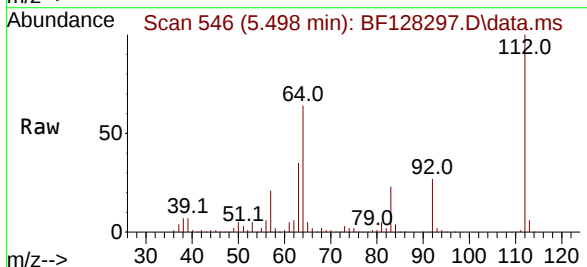
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS003-0006-01

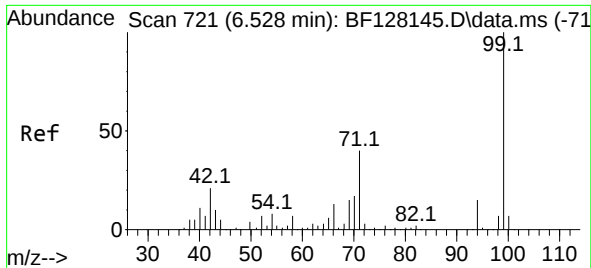
Tgt Ion:152 Resp: 75994
 Ion Ratio Lower Upper
 152 100
 150 153.2 125.3 187.9
 115 65.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 93.659 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.000 min
 Lab File: BF128297.D
 Acq: 17 May 2022 18:12

Tgt Ion:112 Resp: 446483
 Ion Ratio Lower Upper
 112 100
 64 63.6 49.5 74.3
 63 35.1 26.3 39.5

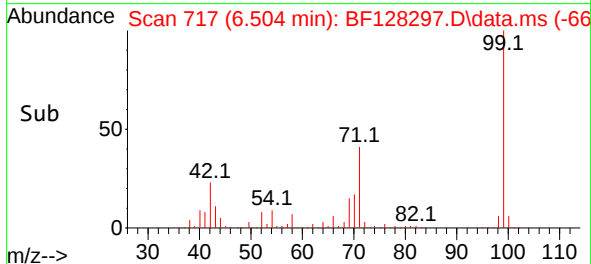
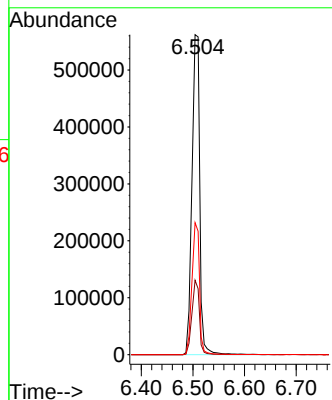
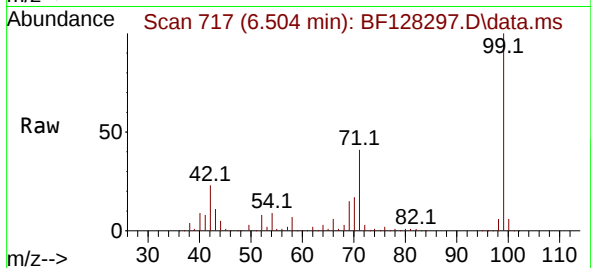




#7
Phenol-d6
Concen: 93.245 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

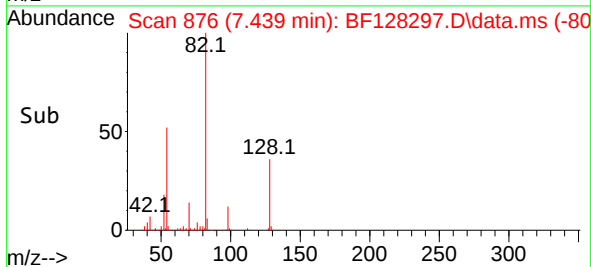
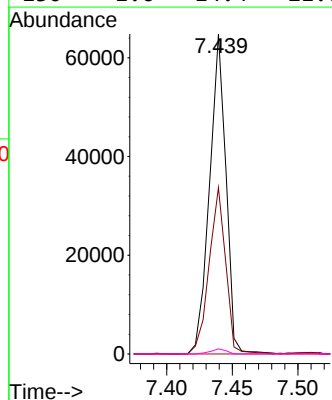
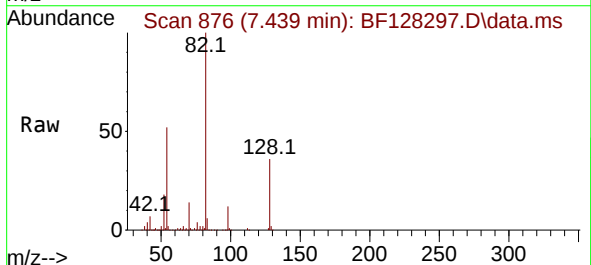
Instrument :
BNA_F
ClientSampleId :
P003-SS003-0006-01

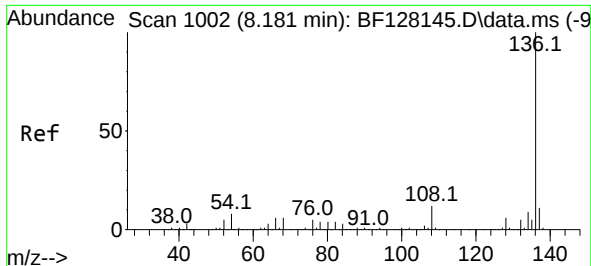
Tgt Ion: 99 Resp: 587933
Ion Ratio Lower Upper
99 100
42 23.3 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.567 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

Tgt Ion: 70 Resp: 56561
Ion Ratio Lower Upper
70 100
42 52.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128297.D

Acq: 17 May 2022 18:12

Instrument :

BNA_F

ClientSampleId :

P003-SS003-0006-01

Tgt Ion:136 Resp: 287913

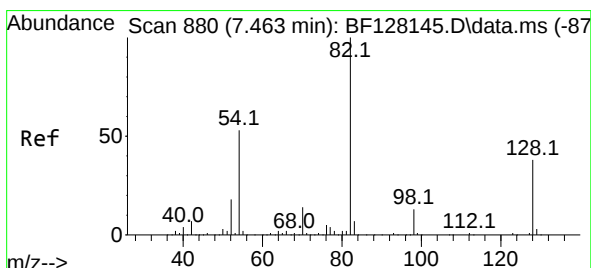
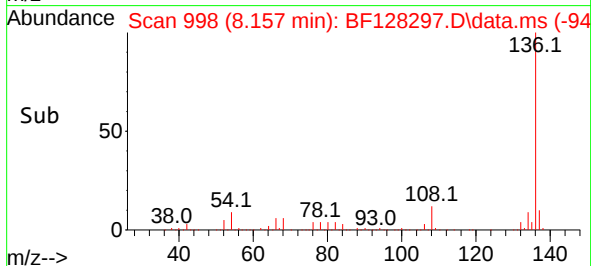
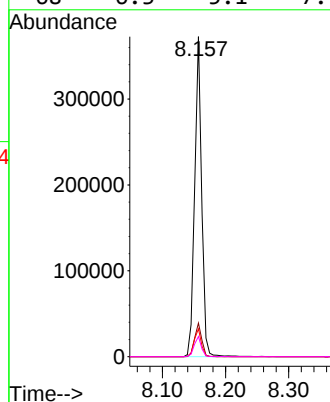
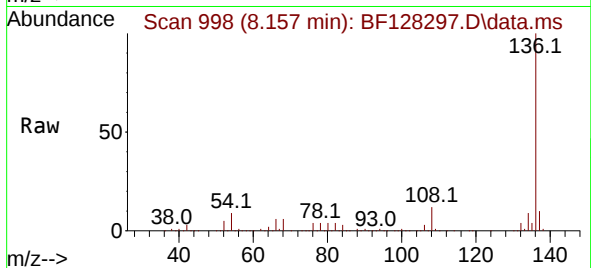
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.7 6.8 10.2

68 6.3 5.1 7.7



#23

Nitrobenzene-d5

Concen: 65.955 ng

RT: 7.439 min Scan# 876

Delta R.T. -0.012 min

Lab File: BF128297.D

Acq: 17 May 2022 18:12

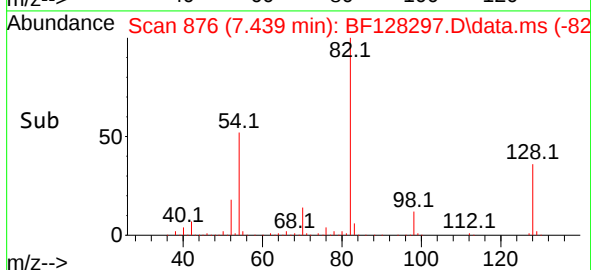
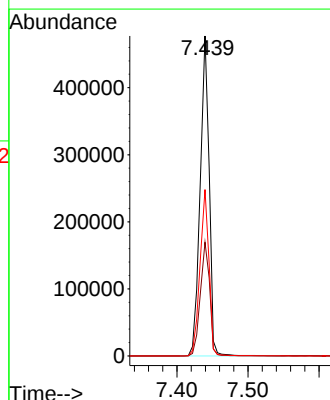
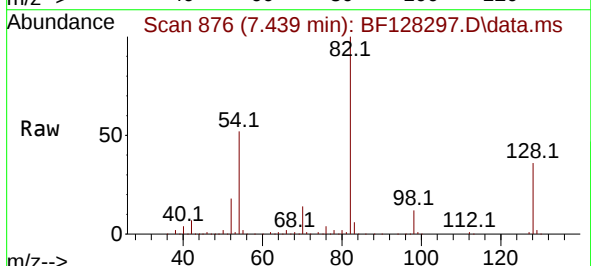
Tgt Ion: 82 Resp: 422017

Ion Ratio Lower Upper

82 100

128 35.5 30.0 45.0

54 52.0 41.3 61.9

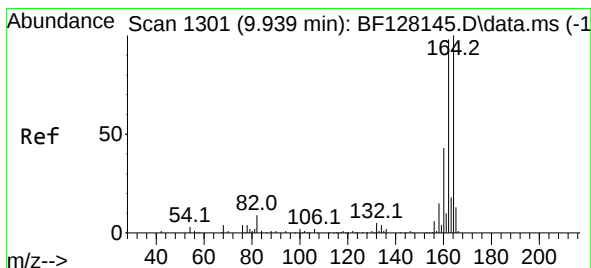
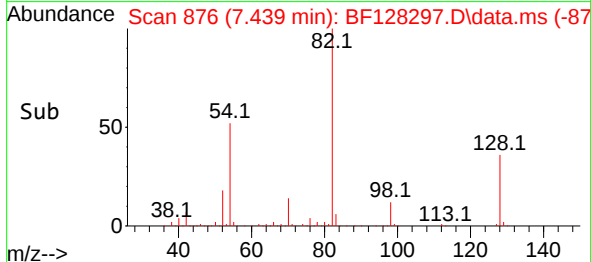
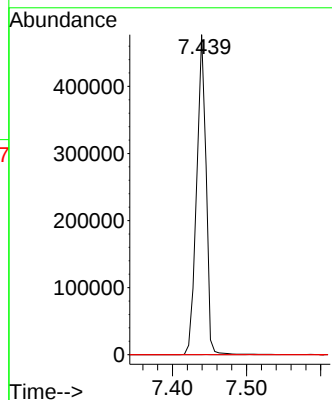
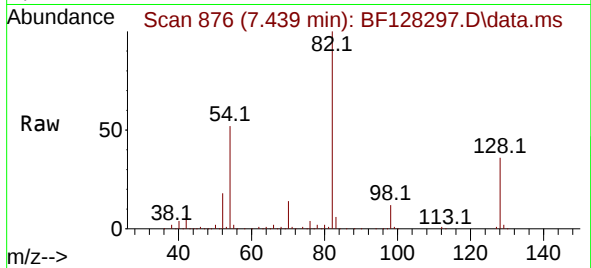




#25
Isophorone
Concen: 42.069 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

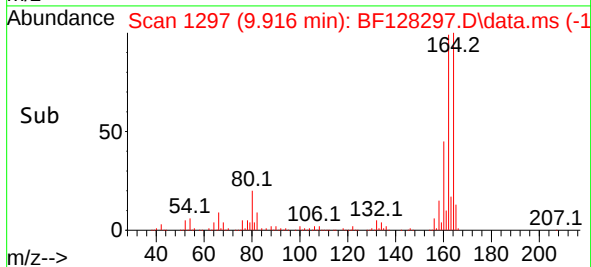
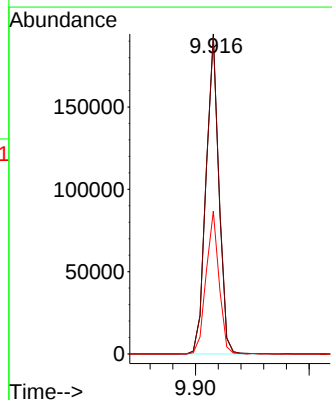
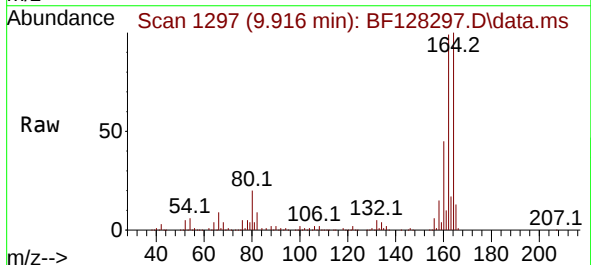
Instrument :
BNA_F
ClientSampleId :
P003-SS003-0006-01

Tgt Ion: 82 Resp: 422013
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: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

Tgt Ion:164 Resp: 151915
Ion Ratio Lower Upper
164 100
162 99.0 76.0 114.0
160 44.7 34.8 52.2

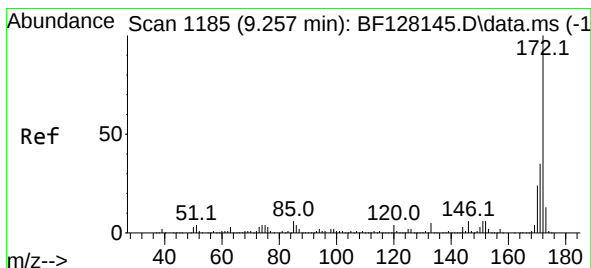
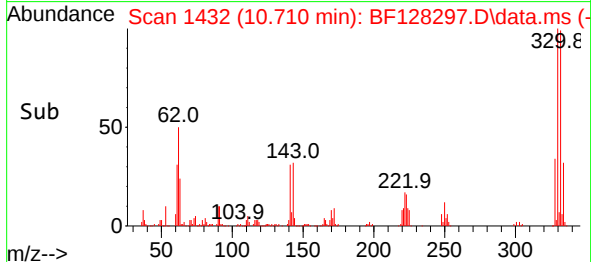
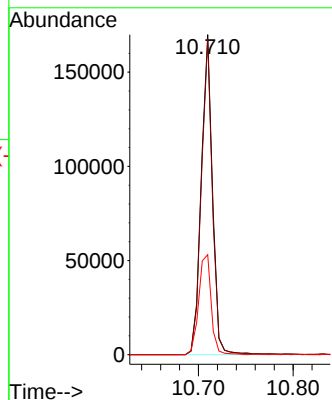
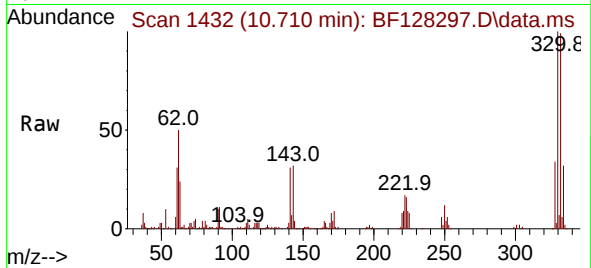




#42
2,4,6-Tribromophenol
Concen: 80.908 ng
RT: 10.710 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

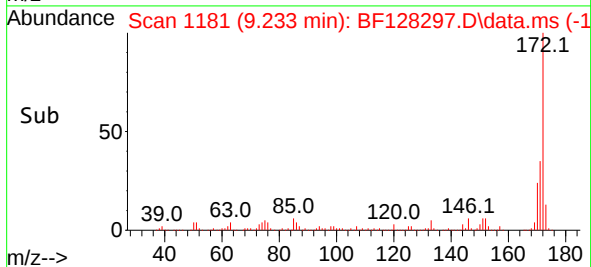
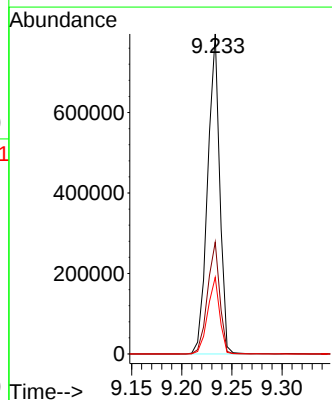
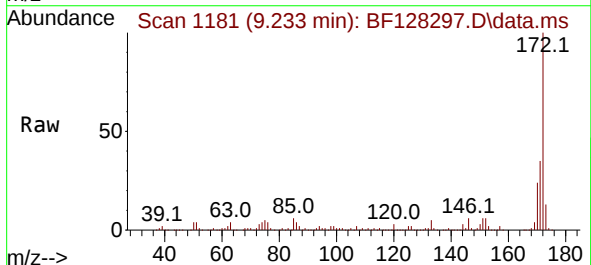
Instrument :
BNA_F
ClientSampleId :
P003-SS003-0006-01

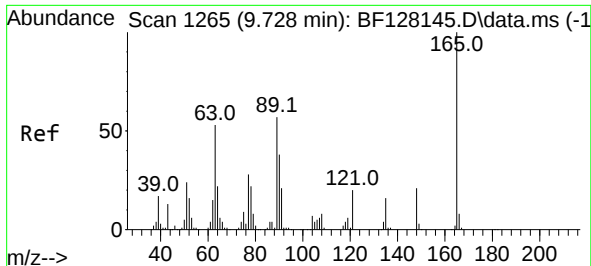
Tgt Ion:330 Resp: 140964
Ion Ratio Lower Upper
330 100
332 97.2 79.0 118.4
141 34.7 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 69.148 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

Tgt Ion:172 Resp: 671354
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.9 19.1 28.7

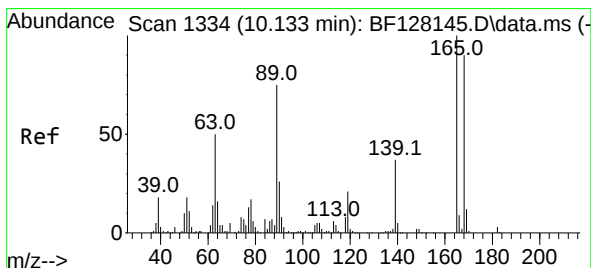
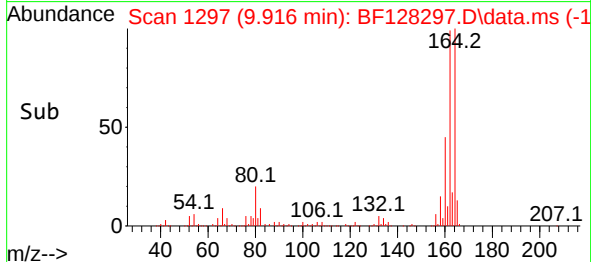
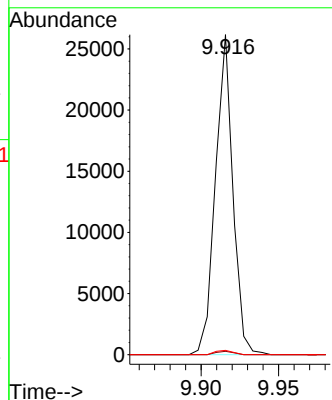
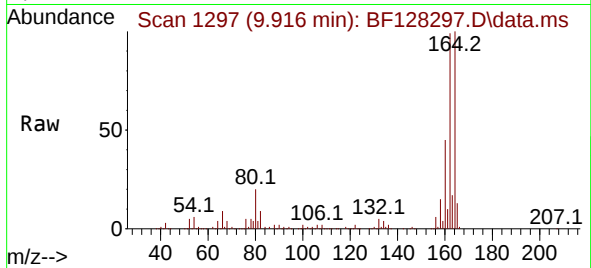




#51
2,6-Dinitrotoluene
Concen: 9.523 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

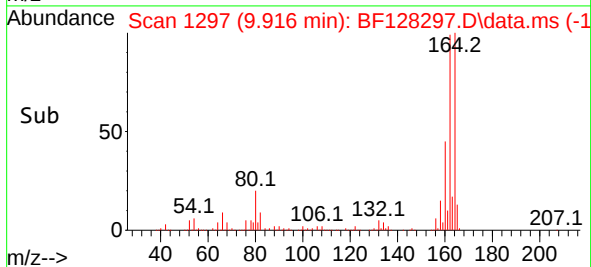
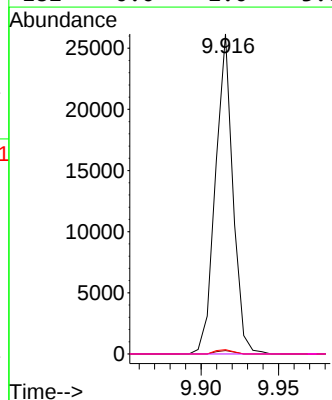
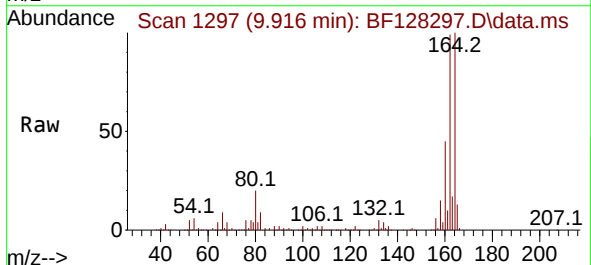
Instrument :
BNA_F
ClientSampleId :
P003-SS003-0006-01

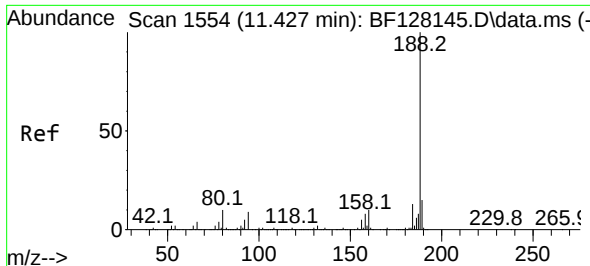
Tgt Ion:165 Resp: 20478
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.121 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

Tgt Ion:165 Resp: 20478
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

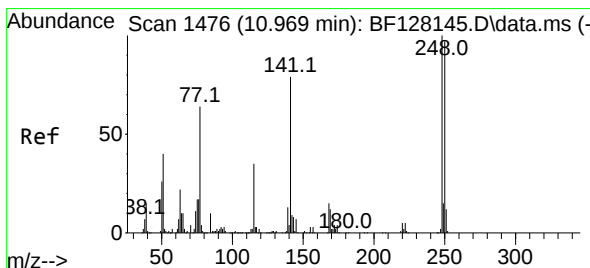
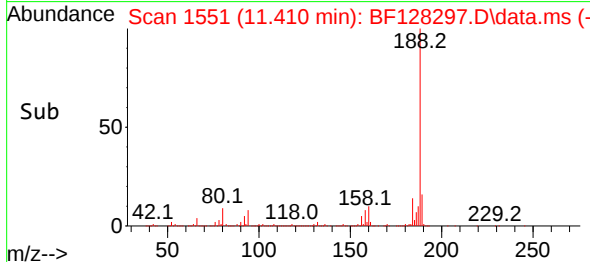
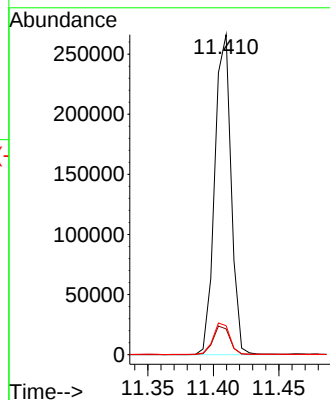
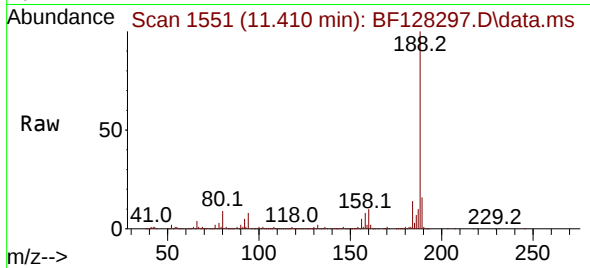




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

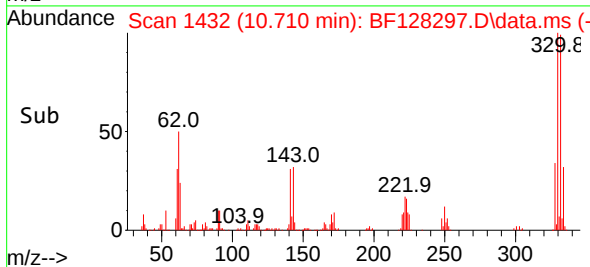
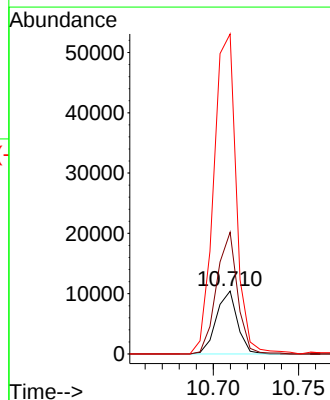
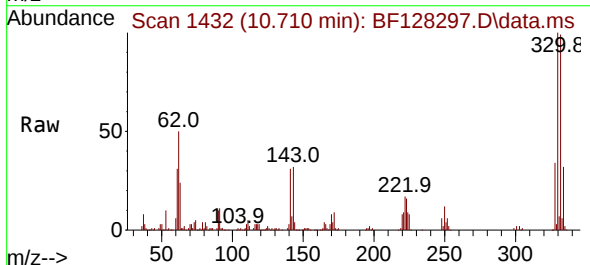
Instrument :
BNA_F
ClientSampleId :
P003-SS003-0006-01

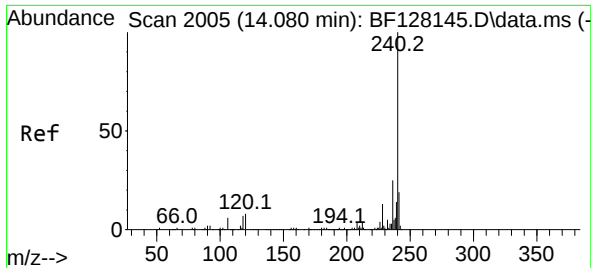
Tgt Ion:188 Resp: 231510
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 9.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.601 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

Tgt Ion:248 Resp: 8970
Ion Ratio Lower Upper
248 100
250 193.7 77.7 116.5#
141 509.3 65.6 98.4#

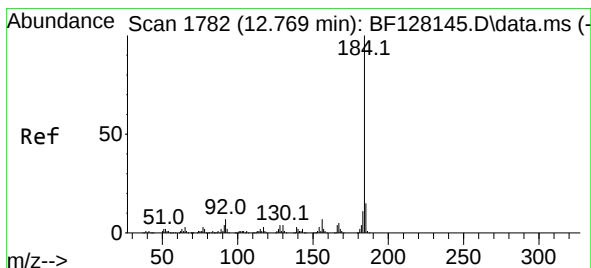
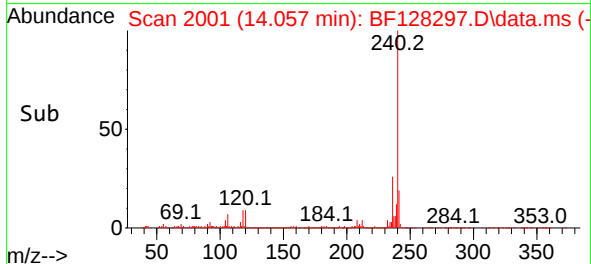
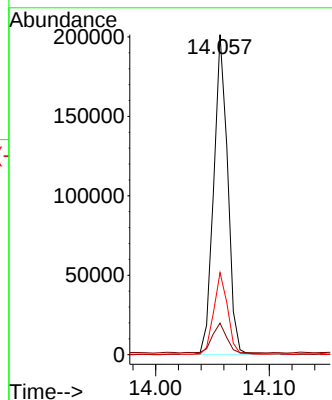
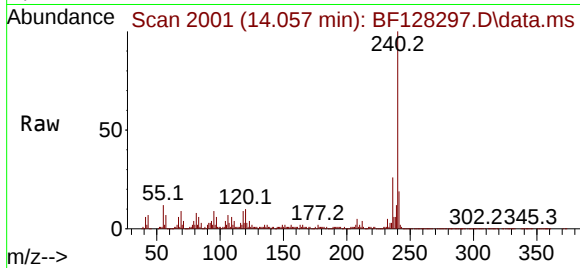




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

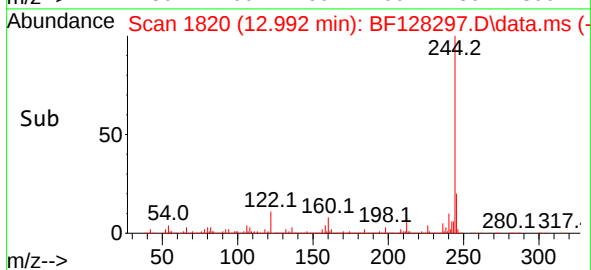
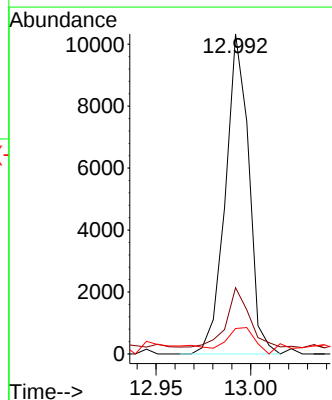
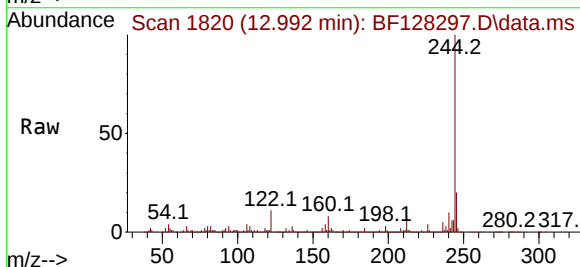
Instrument :
BNA_F
ClientSampleId :
P003-SS003-0006-01

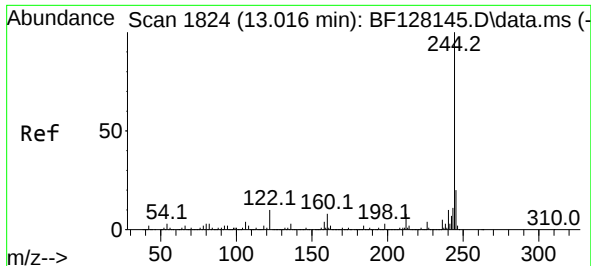
Tgt Ion:240 Resp: 171031
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.386 ng
RT: 12.992 min Scan# 1820
Delta R.T. 0.241 min
Lab File: BF128297.D
Acq: 17 May 2022 18:12

Tgt Ion:184 Resp: 8840
Ion Ratio Lower Upper
184 100
185 20.7 12.1 18.1#
183 7.9 9.0 13.4#

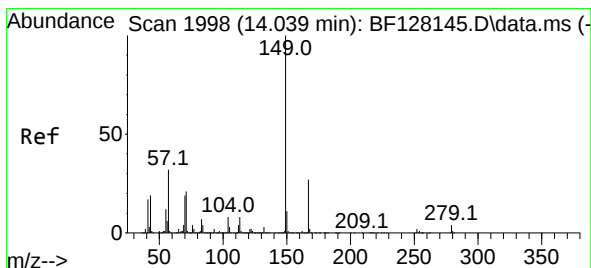
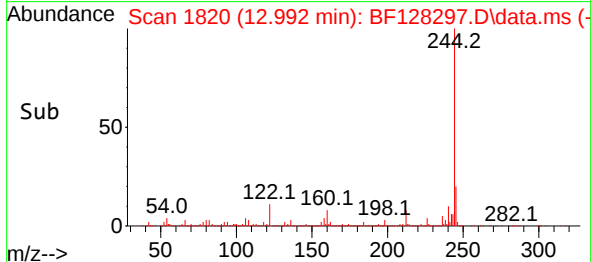
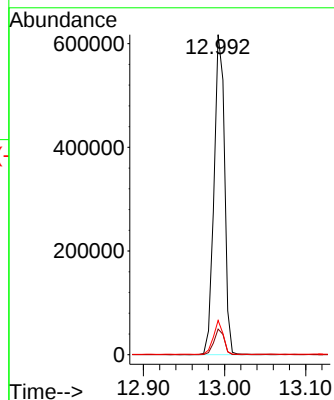
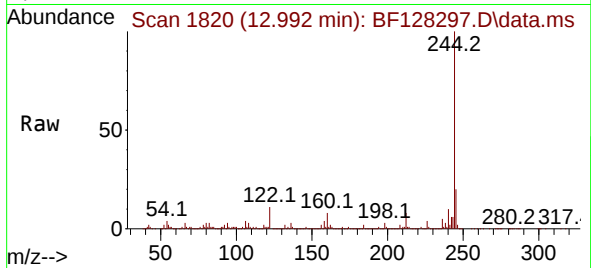




#79
 Terphenyl-d14
 Concen: 60.747 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128297.D
 Acq: 17 May 2022 18:12

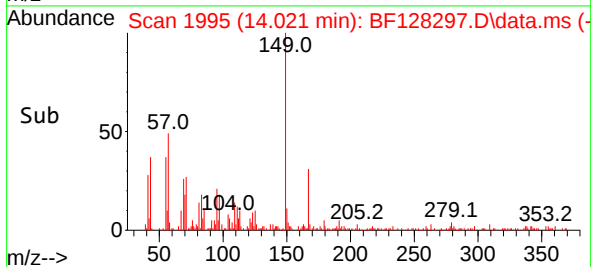
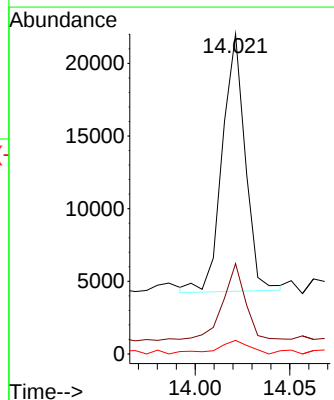
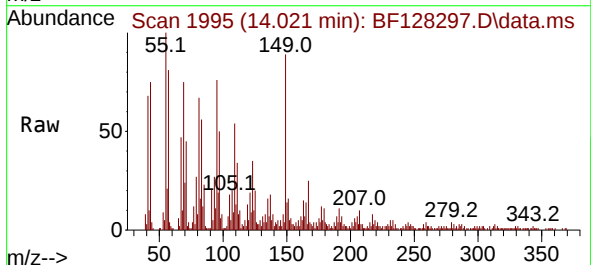
Instrument :
 BNA_F
 ClientSampleId :
 P003-SS003-0006-01

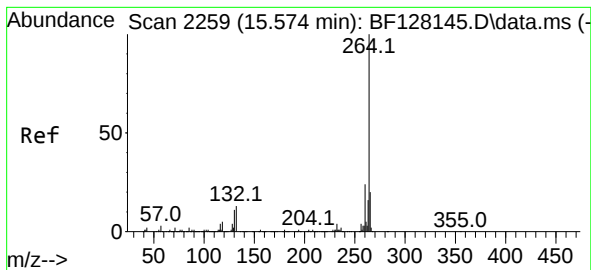
Tgt Ion:244 Resp: 553699
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 10.7 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.139 ng
 RT: 14.021 min Scan# 1995
 Delta R.T. -0.000 min
 Lab File: BF128297.D
 Acq: 17 May 2022 18:12

Tgt Ion:149 Resp: 14899
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.0 33.0
 279 4.3 3.4 5.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128297.D
 Acq: 17 May 2022 18:12

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS003-0006-01

Tgt Ion:264 Resp: 162183
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.1 30.1
 265 21.9 17.5 26.3

