

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128253.D
 Acq On : 13 May 2022 22:05
 Operator : CG\JU
 Sample : N2823-12DL 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-12DL

Quant Time: May 14 00:57:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

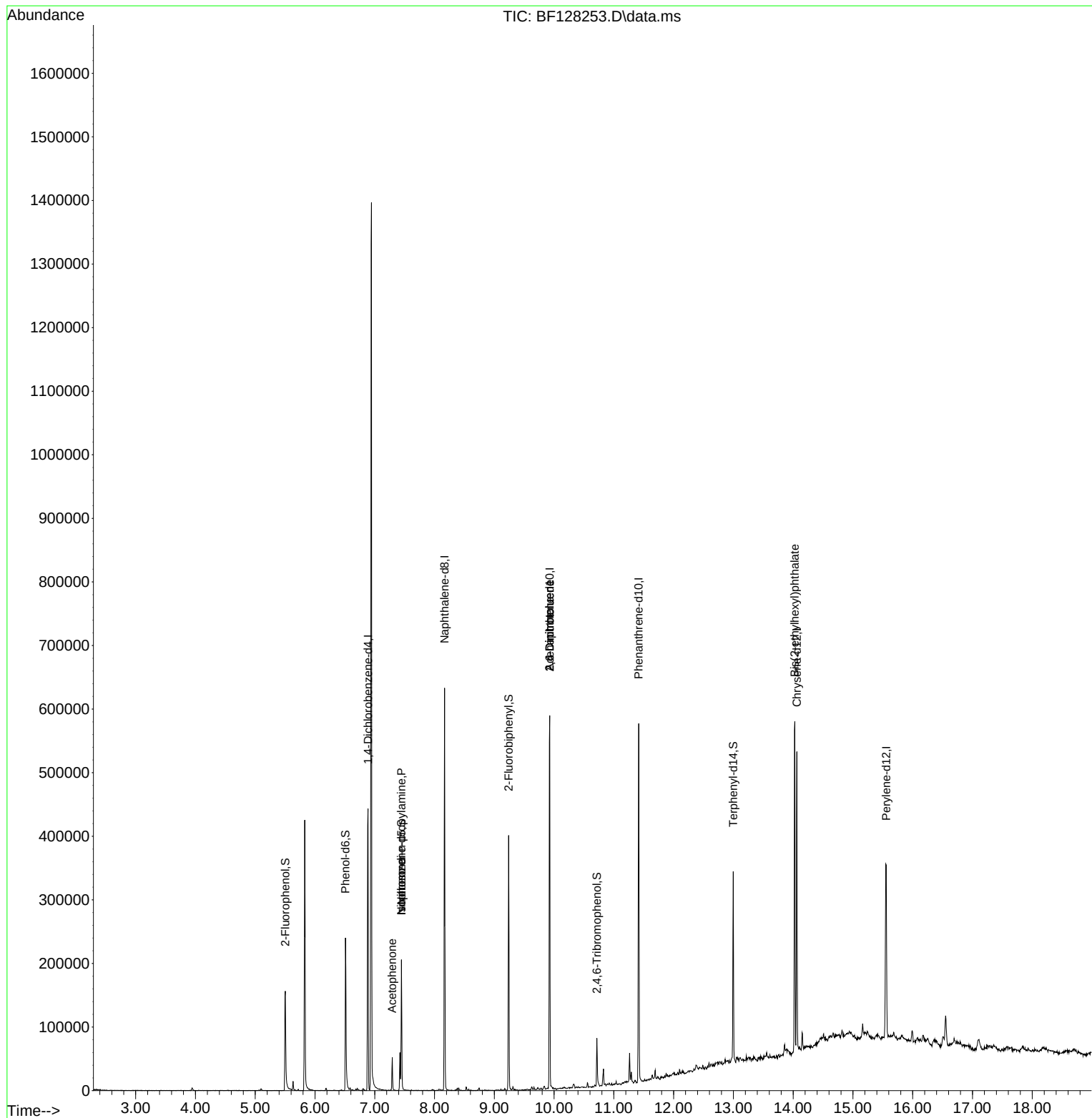
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	60798	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	233326	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	121531	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	186729	20.000	ng	0.00
76) Chrysene-d12	14.062	240	150634	20.000	ng	0.00
86) Perylene-d12	15.556	264	124816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	50973	13.365	ng	0.00
7) Phenol-d6	6.510	99	80059	15.871	ng	-0.02
23) Nitrobenzene-d5	7.445	82	57027	10.998	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	9179	6.586	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	106456	13.706	ng	-0.01
79) Terphenyl-d14	12.998	244	86998	10.837	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	193	Below Cal	#	87
19) n-Nitroso-di-n-propyla...	7.445	70	7884	2.538	ng	# 82
22) Acetophenone	7.292	105	13695	2.357	ng	# 93
25) Isophorone	7.445	82	57026	7.015	ng	# 68
51) 2,6-Dinitrotoluene	9.927	165	15581	9.057	ng	# 21
57) 2,4-Dinitrotoluene	9.927	165	15581	6.773	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.027	149	141625	23.084	ng	99

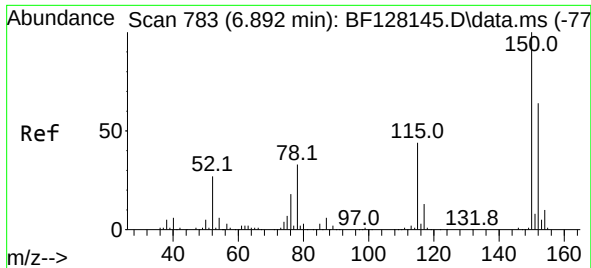
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 14 00:51:21 2022
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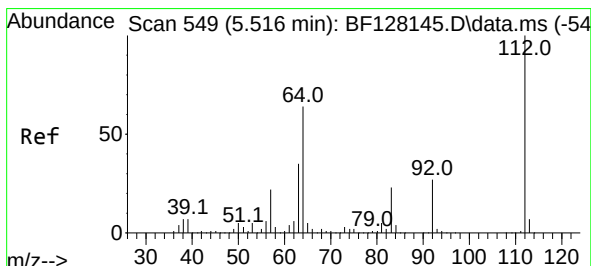
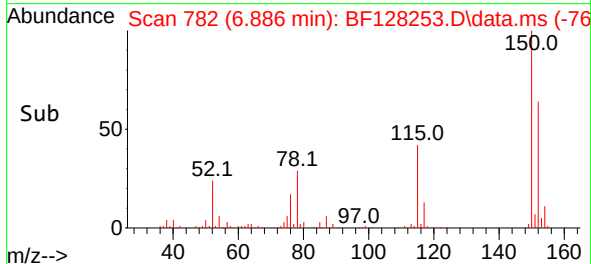
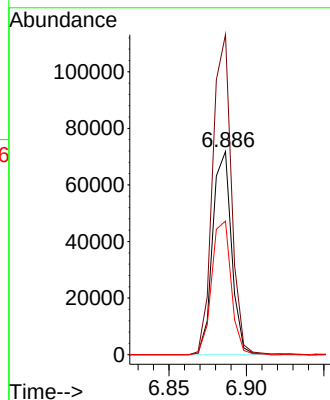
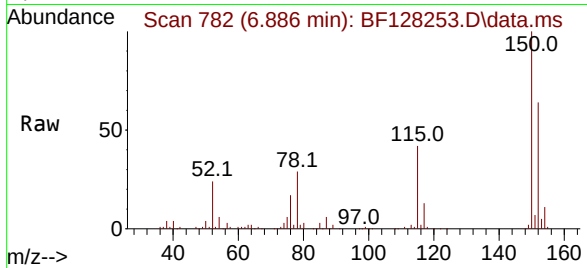




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

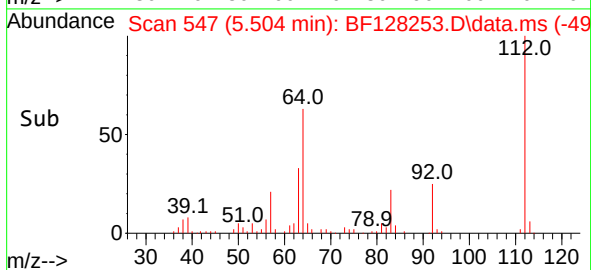
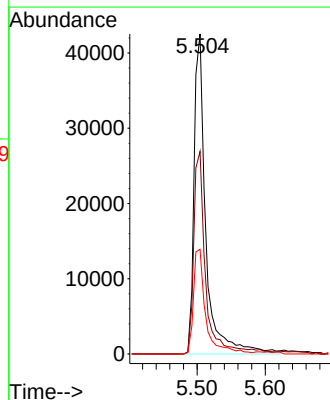
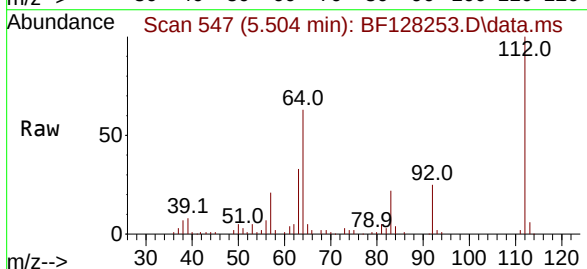
Instrument :
BNA_F
ClientSampleId :
SC-12DL

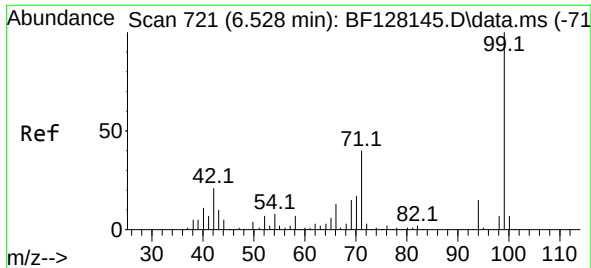
Tgt Ion:152 Resp: 60798
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 65.7 48.8 73.2



#5
2-Fluorophenol
Concen: 13.365 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

Tgt Ion:112 Resp: 50973
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 32.7 26.3 39.5

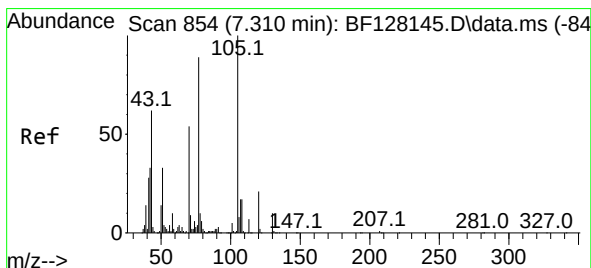
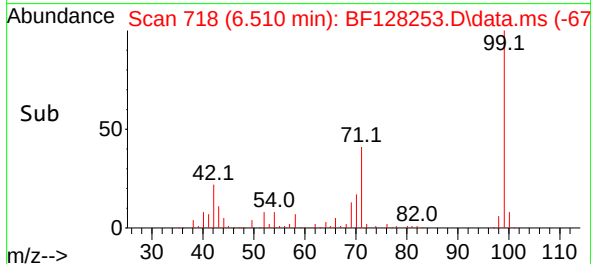
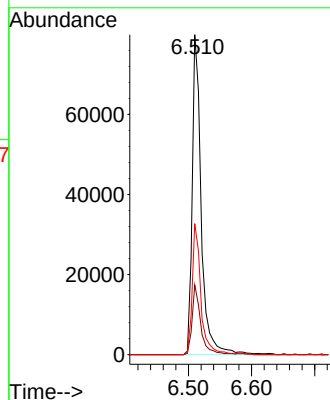
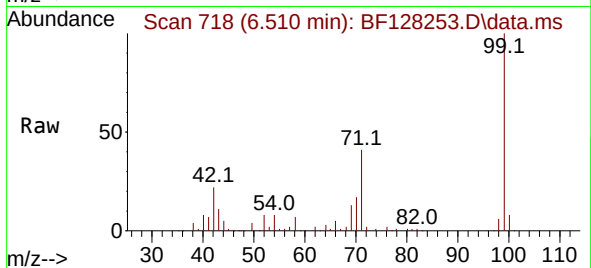




#7
Phenol-d6
Concen: 15.871 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

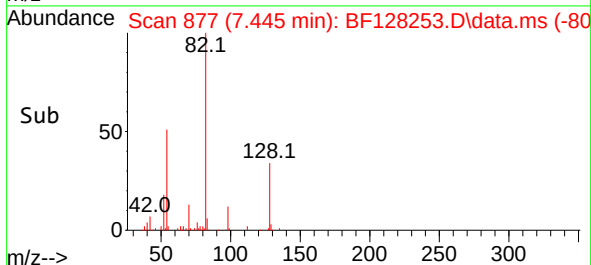
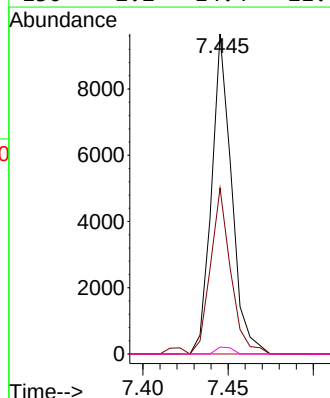
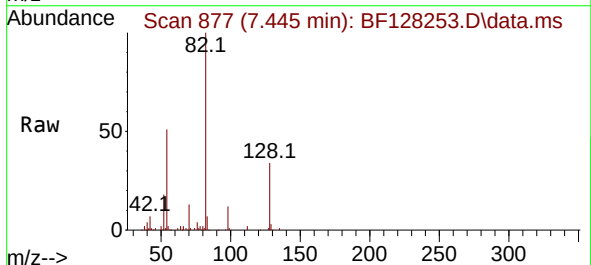
Instrument :
BNA_F
ClientSampleId :
SC-12DL

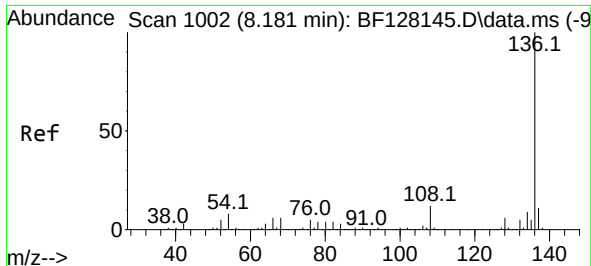
Tgt Ion: 99 Resp: 80059
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.538 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

Tgt Ion: 70 Resp: 7884
Ion Ratio Lower Upper
70 100
42 51.8 48.7 73.1
101 0.0 7.2 10.8#
130 2.2 14.4 21.6#

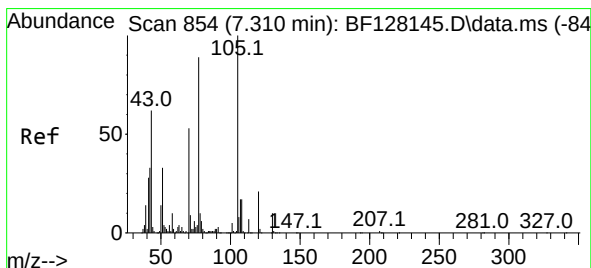
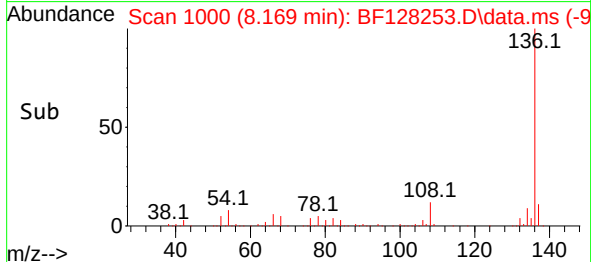
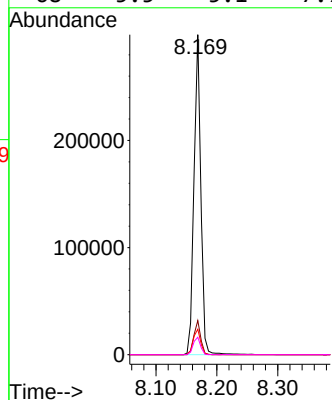
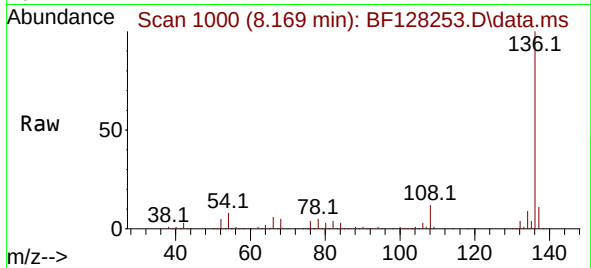




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

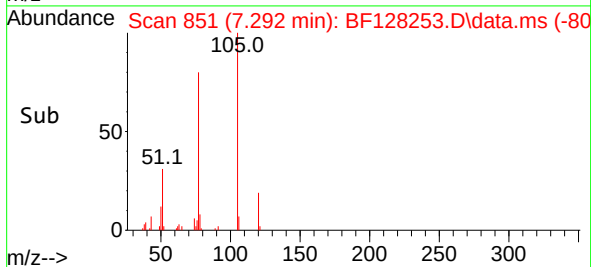
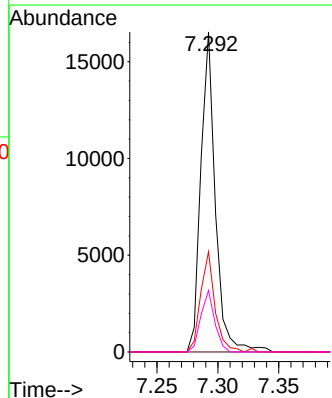
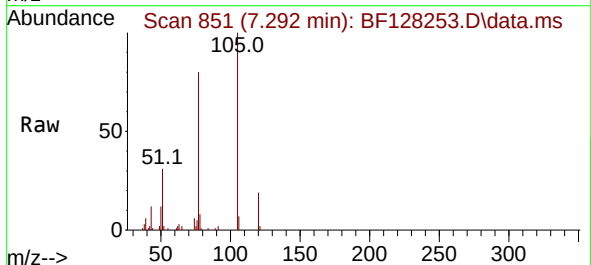
Instrument :
BNA_F
ClientSampleId :
SC-12DL

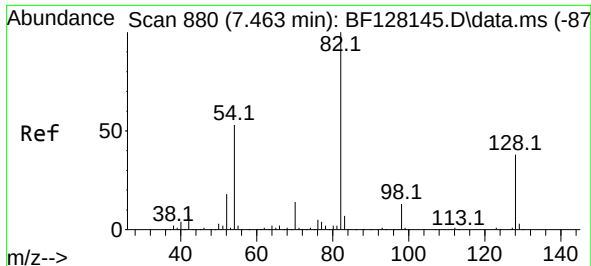
Tgt Ion:136 Resp: 233326
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.9 6.8 10.2
68 5.5 5.1 7.7



#22
Acetophenone
Concen: 2.357 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

Tgt Ion:105 Resp: 13695
Ion Ratio Lower Upper
105 100
71 0.0 7.3 10.9#
51 31.3 23.7 35.5
120 19.3 17.0 25.6

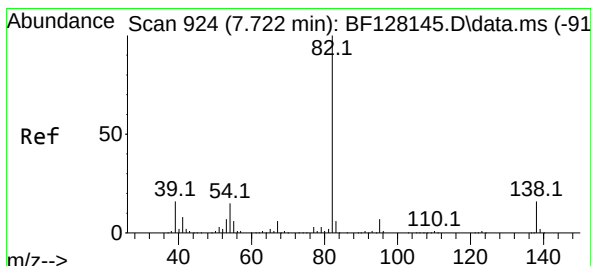
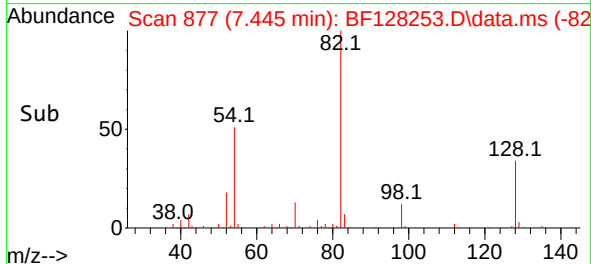
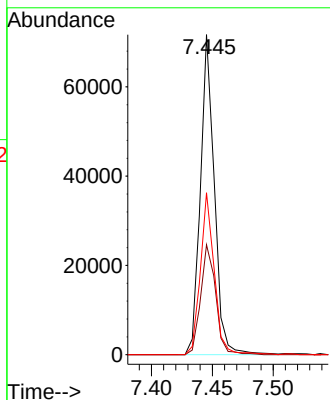
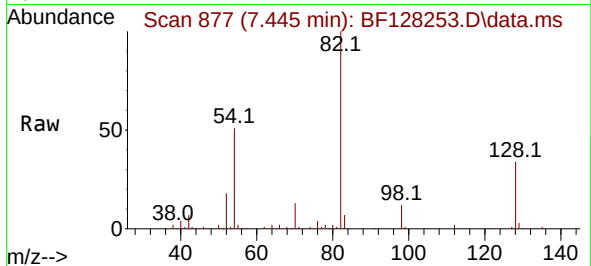




#23
Nitrobenzene-d5
Concen: 10.998 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

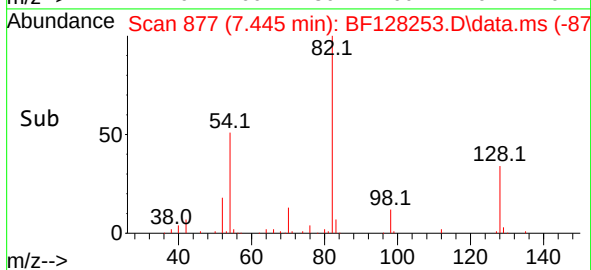
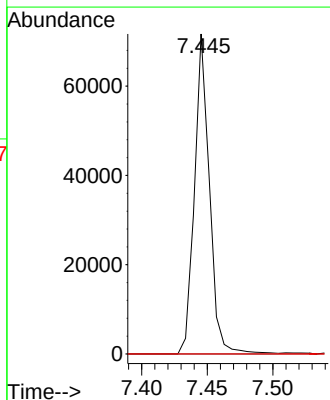
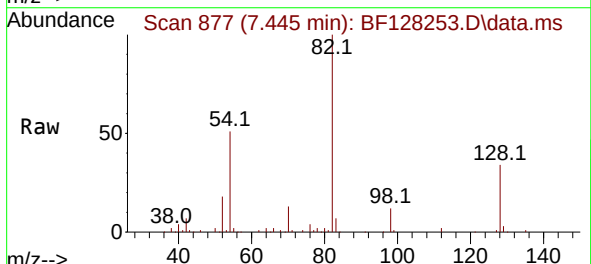
Instrument :
BNA_F
ClientSampleId :
SC-12DL

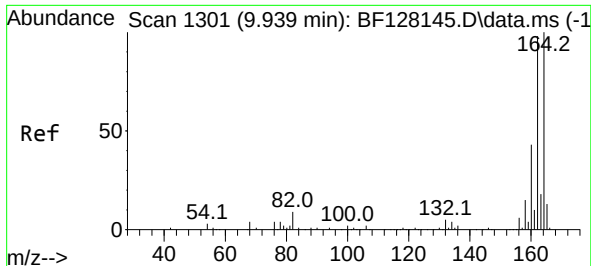
Tgt Ion: 82 Resp: 57027
Ion Ratio Lower Upper
82 100
128 34.3 30.0 45.0
54 50.6 41.3 61.9



#25
Isophorone
Concen: 7.015 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.271 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

Tgt Ion: 82 Resp: 57026
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: 9.927 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128253.D

Acq: 13 May 2022 22:05

Instrument :

BNA_F

ClientSampleId :

SC-12DL

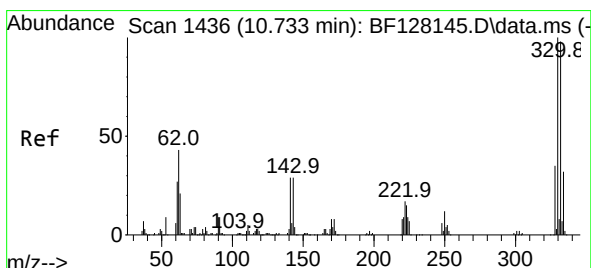
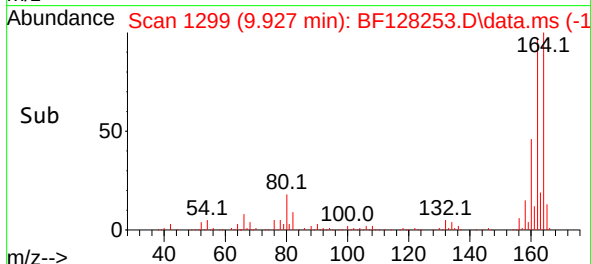
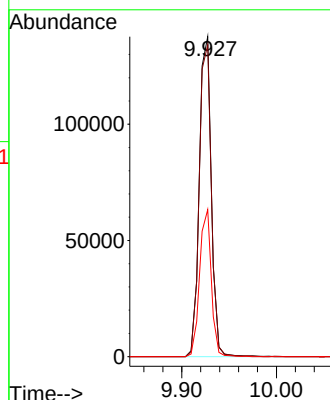
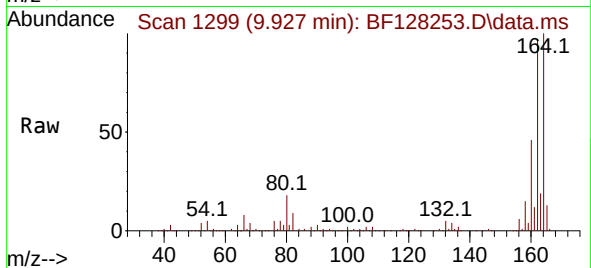
Tgt Ion:164 Resp: 121531

Ion Ratio Lower Upper

164 100

162 97.4 76.0 114.0

160 46.0 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 6.586 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128253.D

Acq: 13 May 2022 22:05

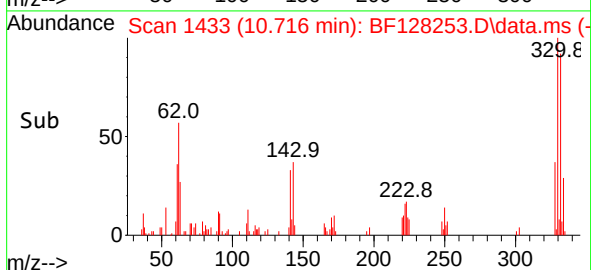
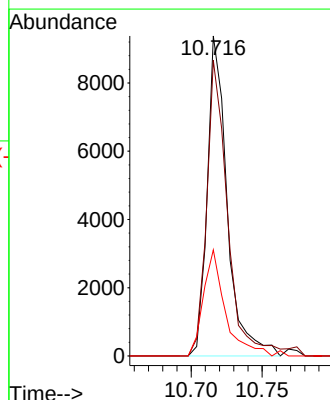
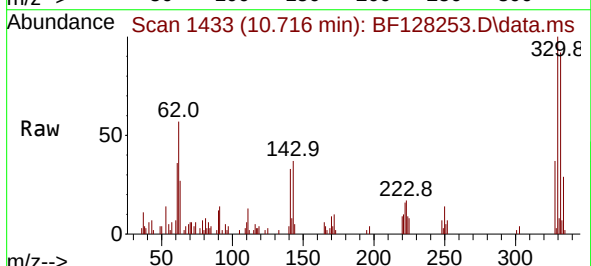
Tgt Ion:330 Resp: 9179

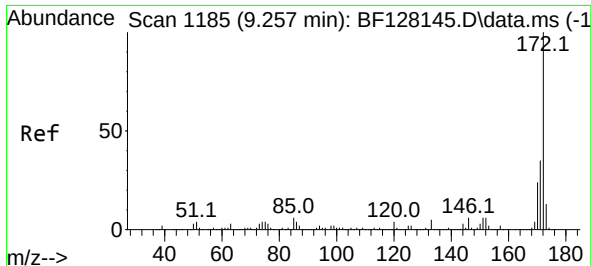
Ion Ratio Lower Upper

330 100

332 97.6 79.0 118.4

141 36.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 13.706 ng

RT: 9.239 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF128253.D

Acq: 13 May 2022 22:05

Instrument :

BNA_F

ClientSampleId :

SC-12DL

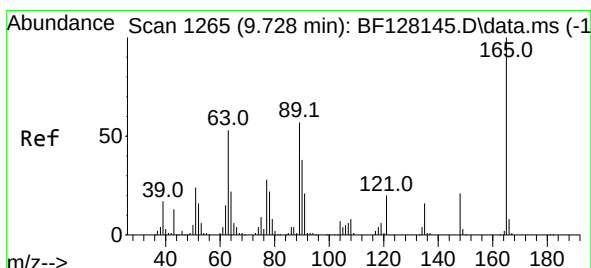
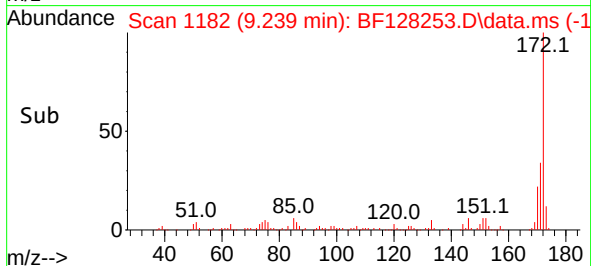
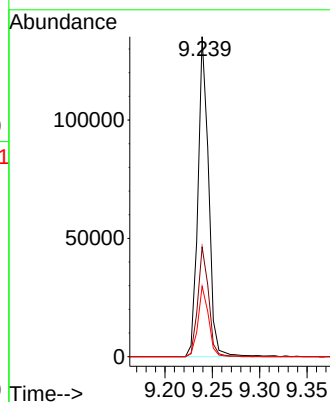
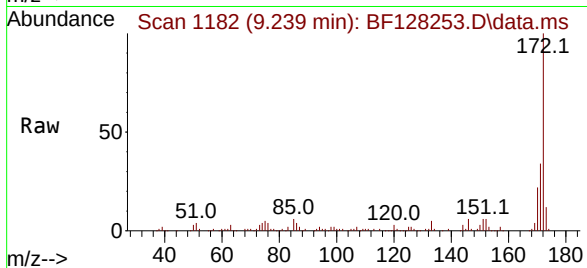
Tgt Ion:172 Resp: 106456

Ion Ratio Lower Upper

172 100

171 34.3 28.6 42.8

170 22.0 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.057 ng

RT: 9.927 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128253.D

Acq: 13 May 2022 22:05

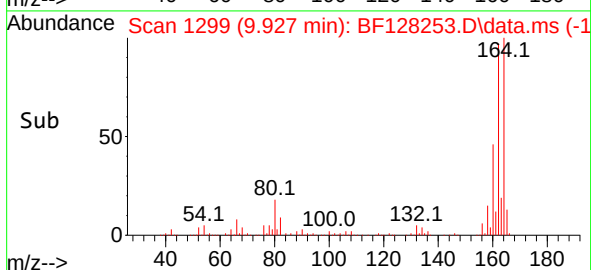
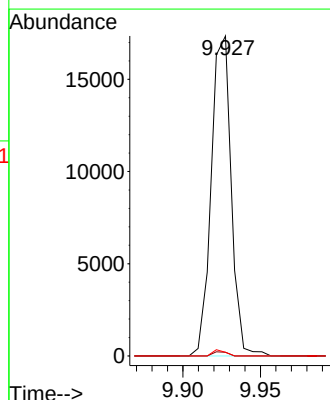
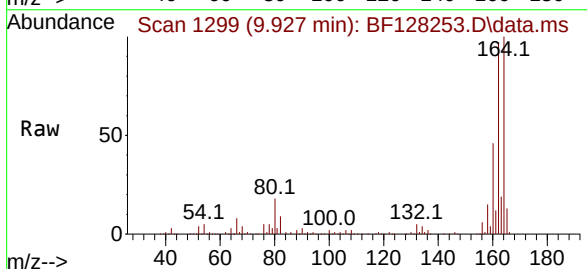
Tgt Ion:165 Resp: 15581

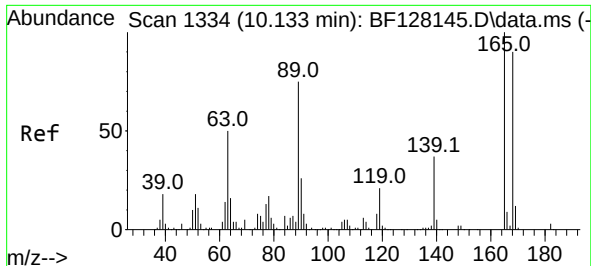
Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.2 49.0 73.4#

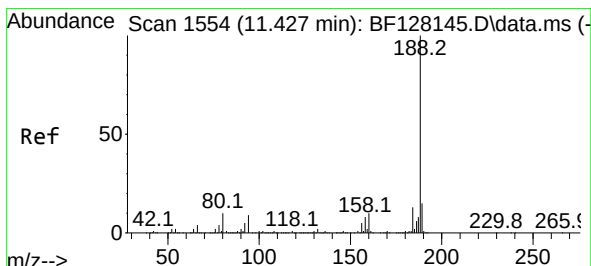
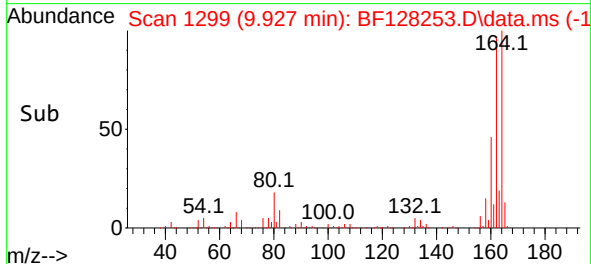
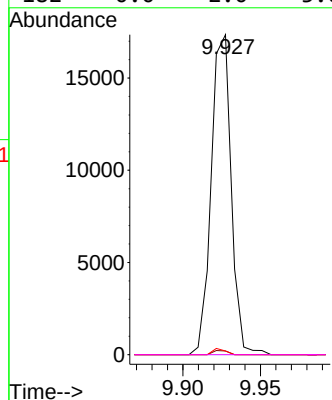
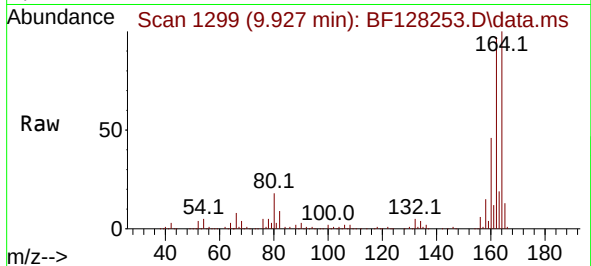




#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

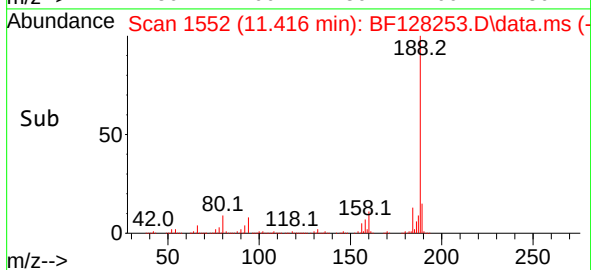
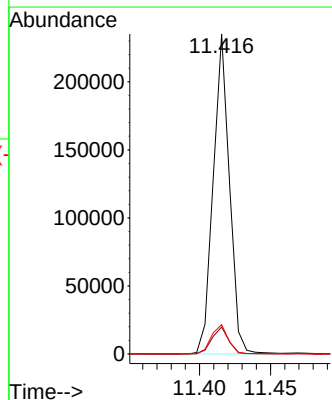
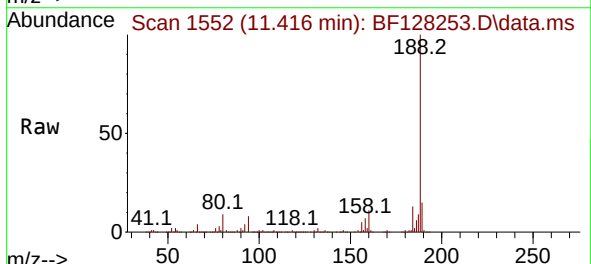
Instrument :
BNA_F
ClientSampleId :
SC-12DL

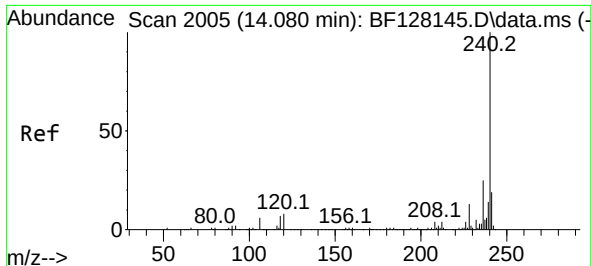
Tgt Ion:165	Resp:	15581
Ion	Ratio	Lower Upper
165	100	
63	1.2	32.6 49.0#
89	1.2	55.2 82.8#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

Tgt Ion:188	Resp:	186729
Ion	Ratio	Lower Upper
188	100	
94	8.4	8.0 12.0
80	9.1	8.9 13.3

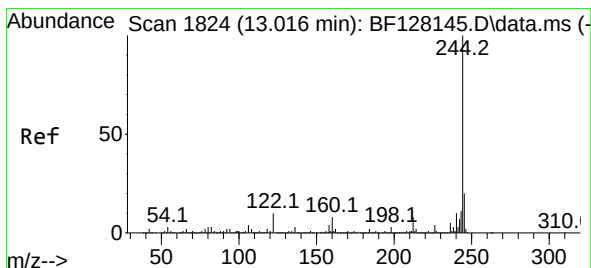
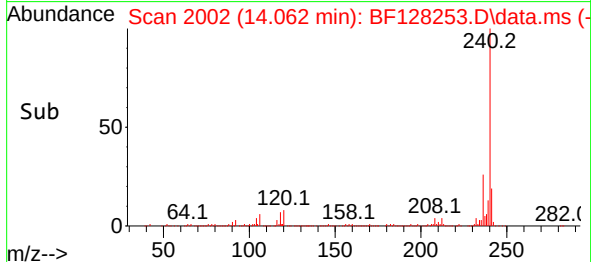
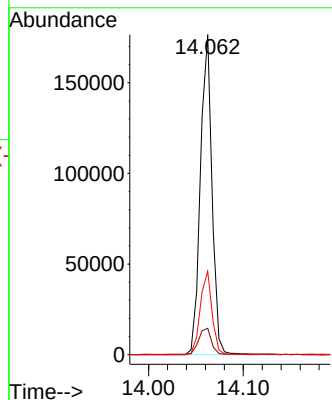
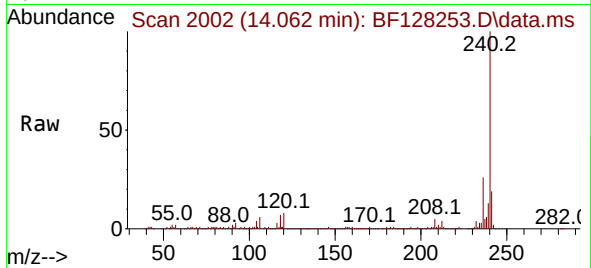




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

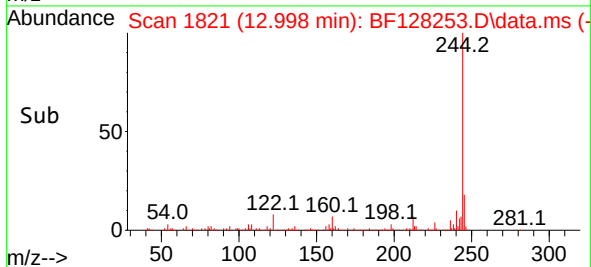
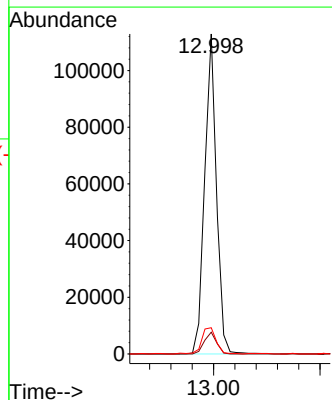
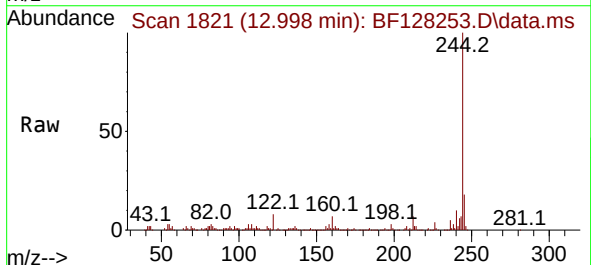
Instrument :
BNA_F
ClientSampleId :
SC-12DL

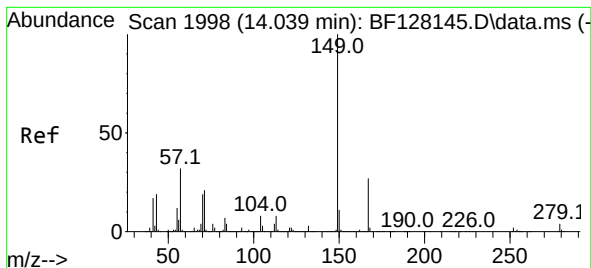
Tgt Ion:240 Resp: 150634
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 10.837 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF128253.D
Acq: 13 May 2022 22:05

Tgt Ion:244 Resp: 86998
Ion Ratio Lower Upper
244 100
212 6.8 6.2 9.4
122 8.2 8.6 12.8#

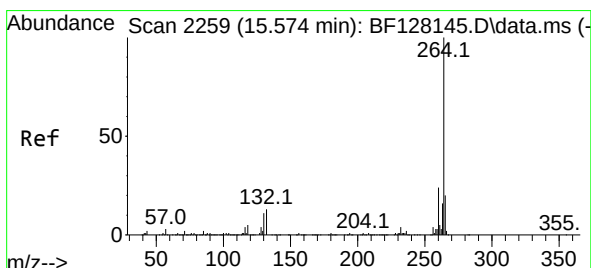
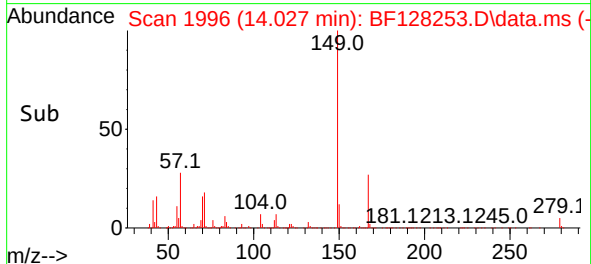
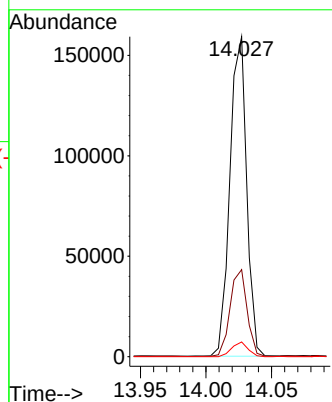
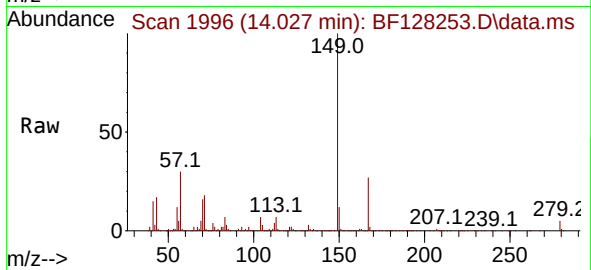




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 23.084 ng
 RT: 14.027 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: BF128253.D
 Acq: 13 May 2022 22:05

Instrument :
 BNA_F
 ClientSampleId :
 SC-12DL

Tgt Ion:149 Resp: 141625
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.0 33.0
 279 4.6 3.4 5.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128253.D
 Acq: 13 May 2022 22:05

Tgt Ion:264 Resp: 124816
 Ion Ratio Lower Upper
 264 100
 260 23.6 20.1 30.1
 265 22.3 17.5 26.3

