

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128252.D
 Acq On : 13 May 2022 21:35
 Operator : CG\JU
 Sample : N2823-02DL 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-2DL

Quant Time: May 14 00:57:30 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)

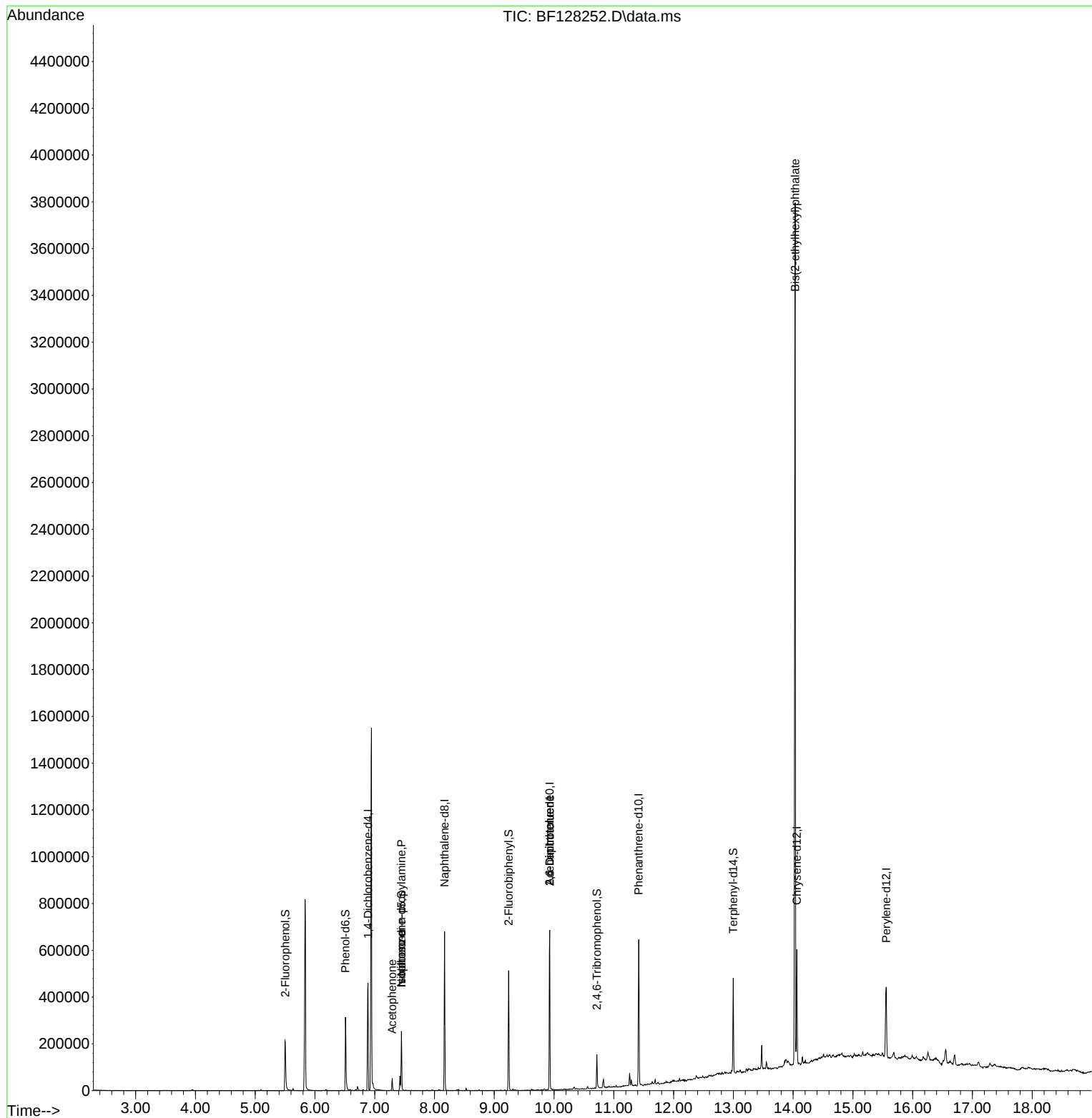
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	63749	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	244370	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	136014	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	212986	20.000	ng	0.00
76) Chrysene-d12	14.063	240	164967	20.000	ng	0.00
86) Perylene-d12	15.557	264	130980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	68918	17.234	ng	0.00
7) Phenol-d6	6.510	99	98933	18.705	ng	-0.02
23) Nitrobenzene-d5	7.445	82	70905	13.056	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	15672	10.047	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	131964	15.181	ng	-0.01
79) Terphenyl-d14	12.998	244	118452	13.473	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	477	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.445	70	9717	2.983	ng	# 79
22) Acetophenone	7.293	105	13659	2.245	ng	# 94
25) Isophorone	7.445	82	70904	8.328	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	16991	8.825	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	16991	6.600	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.033	149	980340	145.904	ng	99

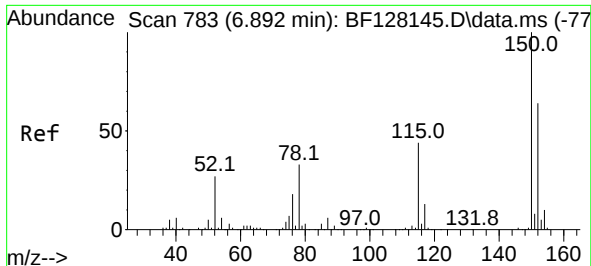
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
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Quant Time: May 14 00:57:30 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

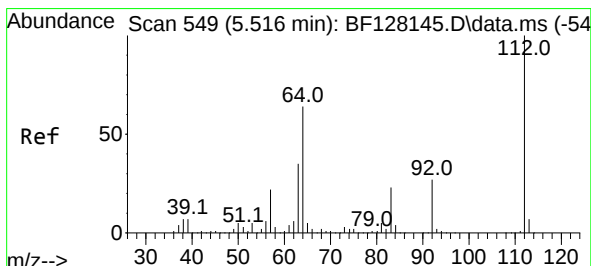
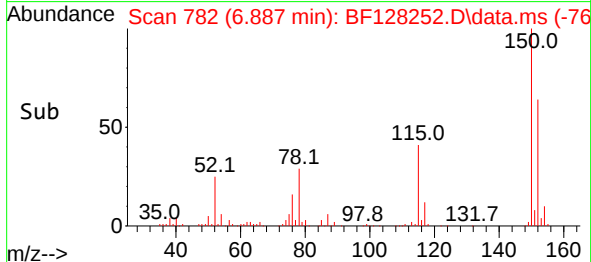
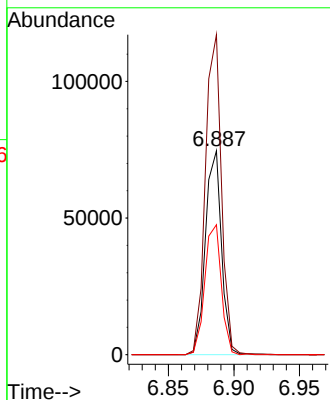
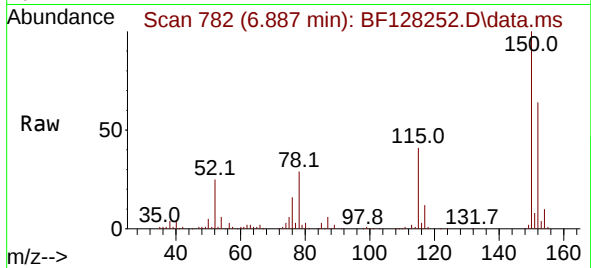




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128252.D
 Acq: 13 May 2022 21:35

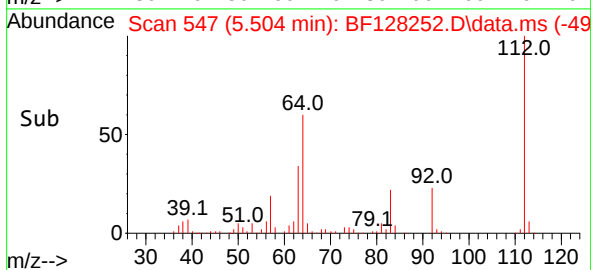
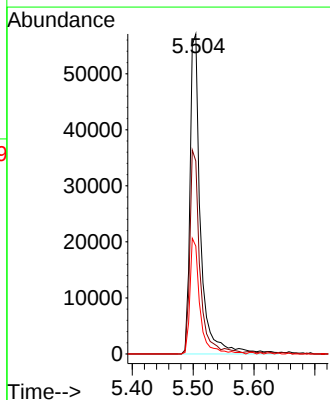
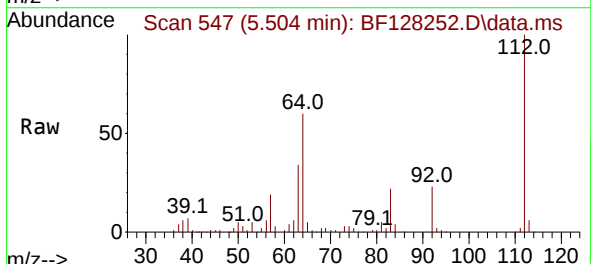
Instrument :
 BNA_F
 ClientSampleId :
 SC-2DL

Tgt Ion:152 Resp: 63749
 Ion Ratio Lower Upper
 152 100
 150 157.0 125.3 187.9
 115 63.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 17.234 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.006 min
 Lab File: BF128252.D
 Acq: 13 May 2022 21:35

Tgt Ion:112 Resp: 68918
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.5 74.3
 63 33.7 26.3 39.5

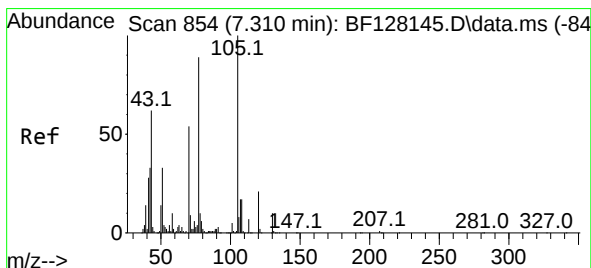
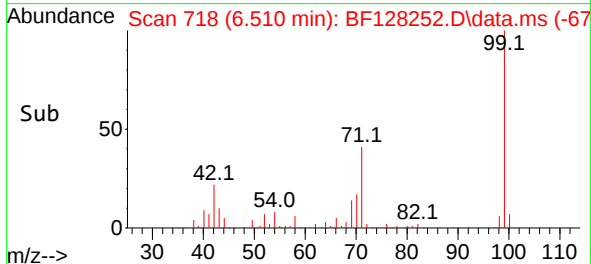
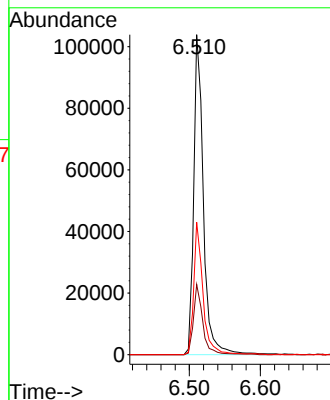
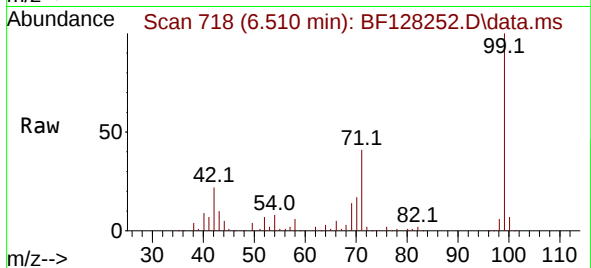




#7
Phenol-d6
Concen: 18.705 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

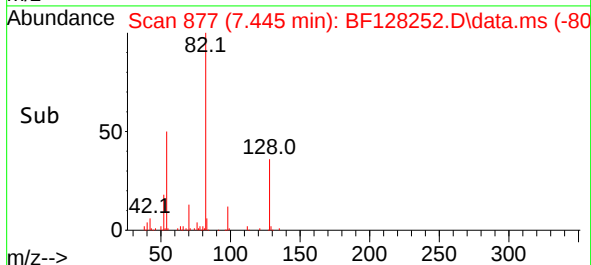
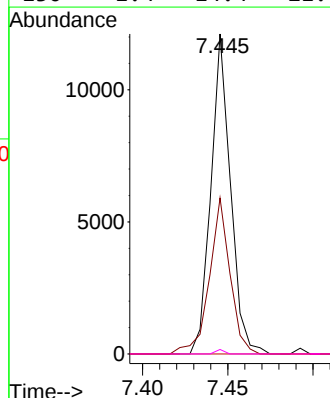
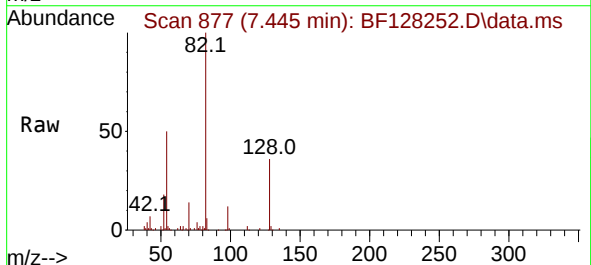
Instrument :
BNA_F
ClientSampleId :
SC-2DL

Tgt Ion: 99 Resp: 98933
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 2.983 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

Tgt Ion: 70 Resp: 9717
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

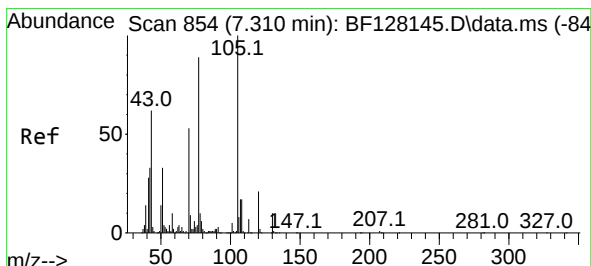
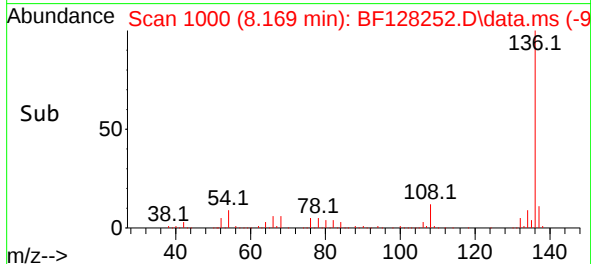
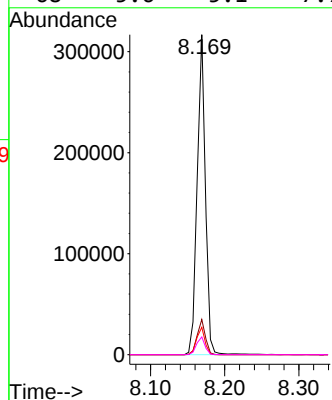
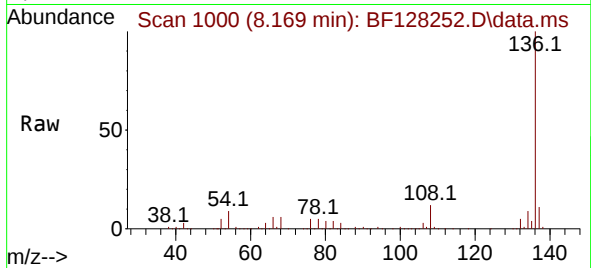




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

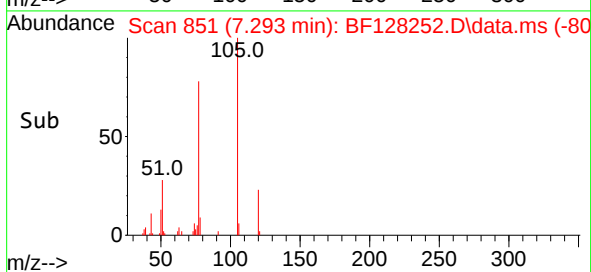
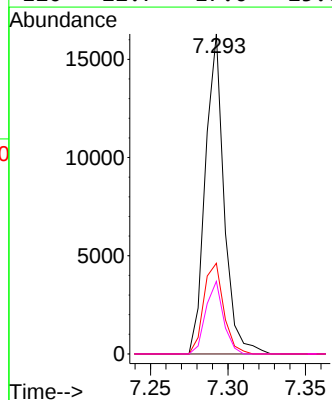
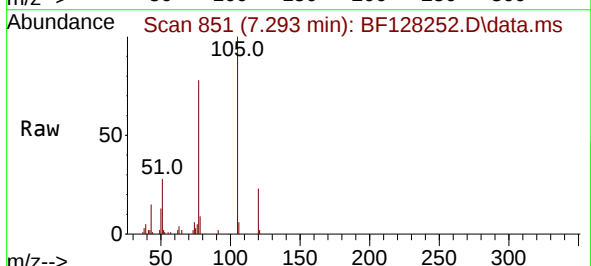
Instrument :
BNA_F
ClientSampleId :
SC-2DL

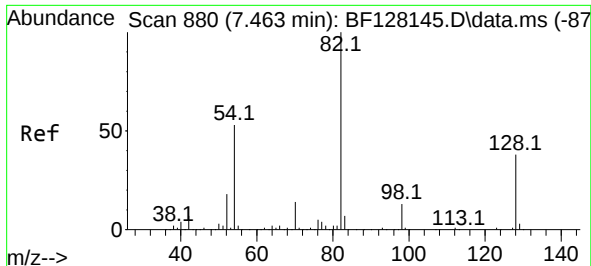
Tgt Ion:136 Resp: 244370
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.8 10.2
68 5.6 5.1 7.7



#22
Acetophenone
Concen: 2.245 ng
RT: 7.293 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

Tgt Ion:105 Resp: 13659
Ion Ratio Lower Upper
105 100
71 0.0 7.3 10.9#
51 28.4 23.7 35.5
120 22.7 17.0 25.6

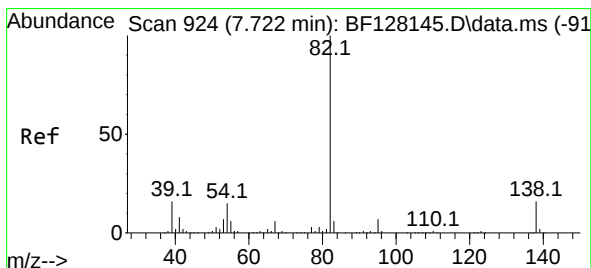
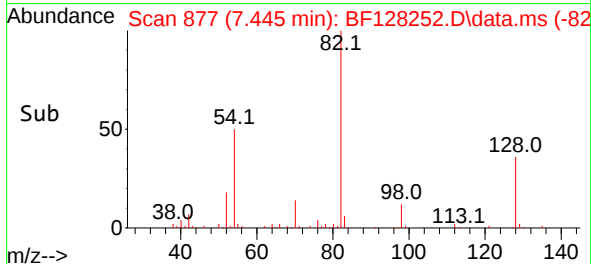
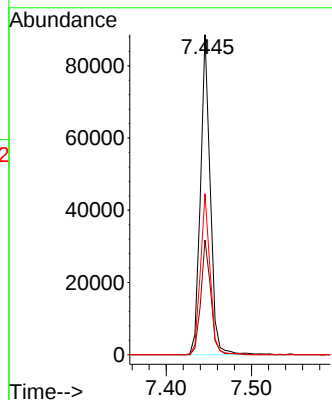
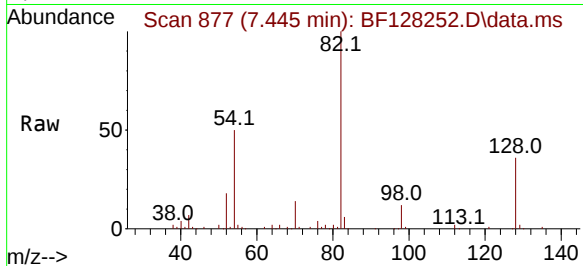




#23
Nitrobenzene-d5
Concen: 13.056 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.018 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

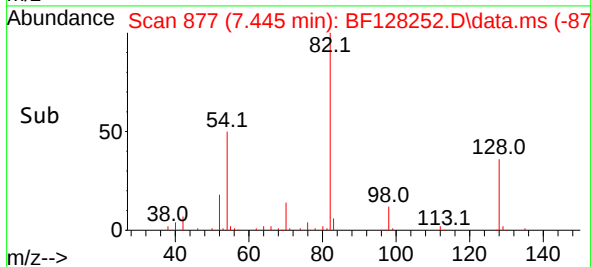
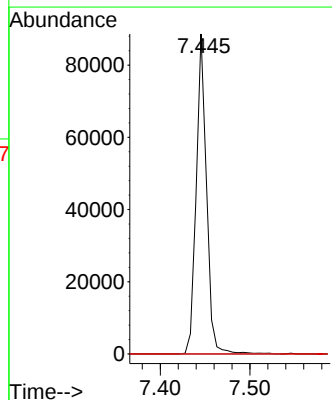
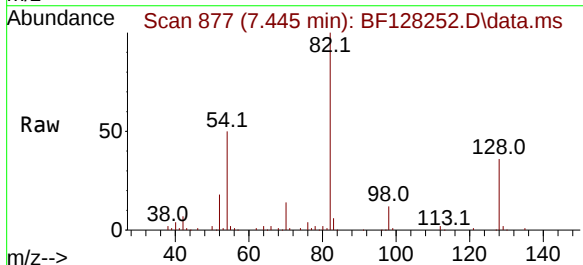
Instrument :
BNA_F
ClientSampleId :
SC-2DL

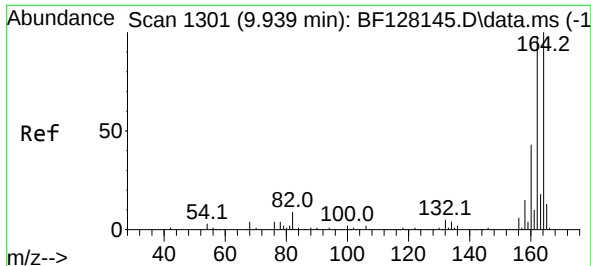
Tgt Ion: 82 Resp: 70905
Ion Ratio Lower Upper
82 100
128 35.9 30.0 45.0
54 50.3 41.3 61.9



#25
Isophorone
Concen: 8.328 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.271 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

Tgt Ion: 82 Resp: 70904
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#

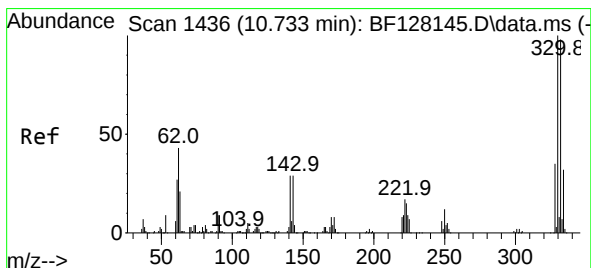
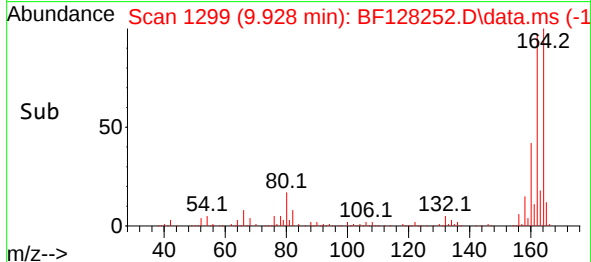
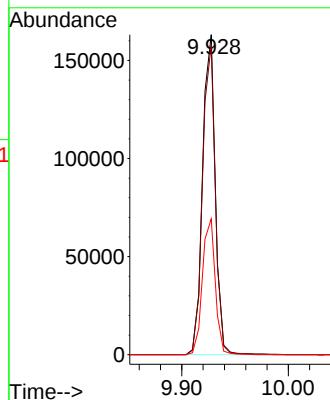
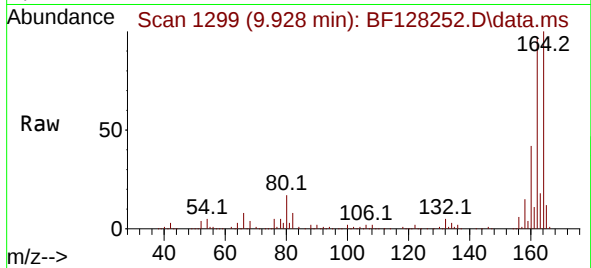




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

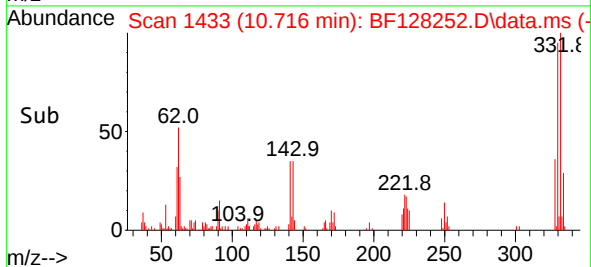
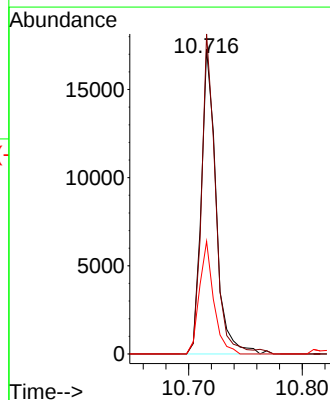
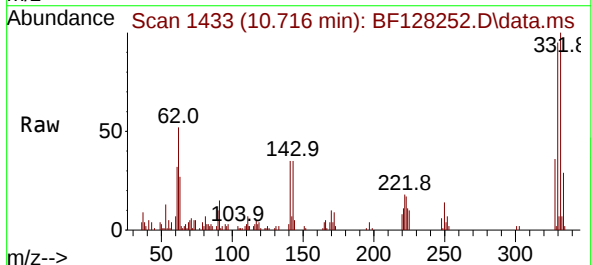
Instrument :
BNA_F
ClientSampleId :
SC-2DL

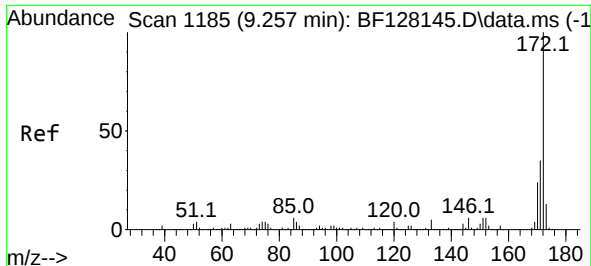
Tgt Ion:164 Resp: 136014
Ion Ratio Lower Upper
164 100
162 96.9 76.0 114.0
160 42.5 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 10.047 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

Tgt Ion:330 Resp: 15672
Ion Ratio Lower Upper
330 100
332 98.9 79.0 118.4
141 35.8 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 15.181 ng

RT: 9.239 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF128252.D

Acq: 13 May 2022 21:35

Instrument :

BNA_F

ClientSampleId :

SC-2DL

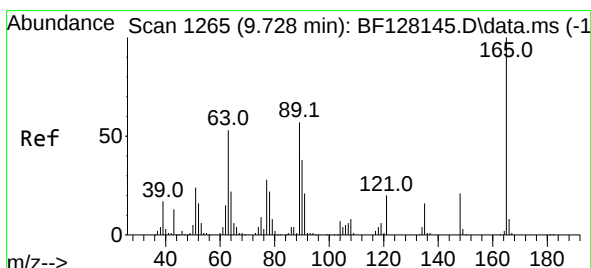
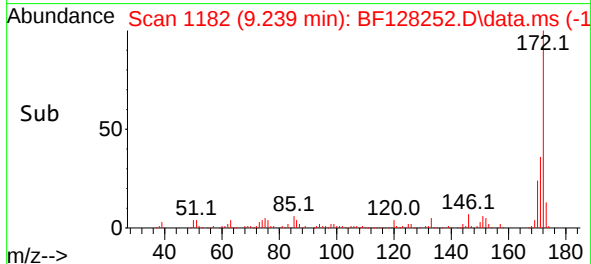
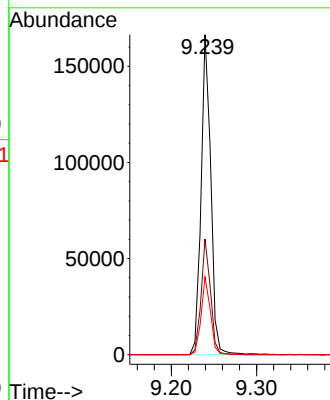
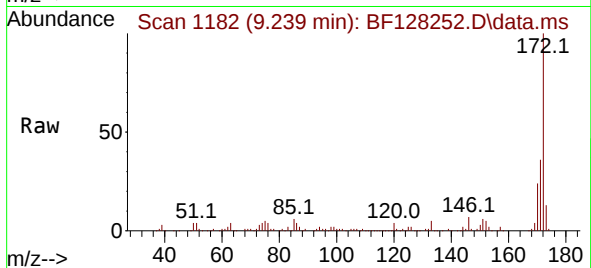
Tgt Ion:172 Resp: 131964

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

170 24.3 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.825 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128252.D

Acq: 13 May 2022 21:35

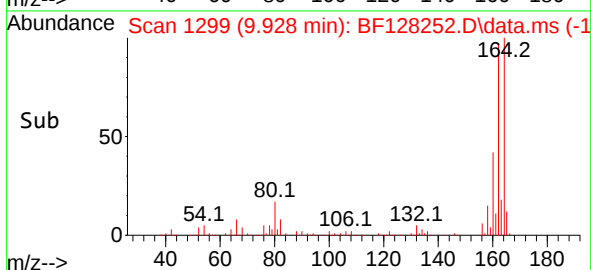
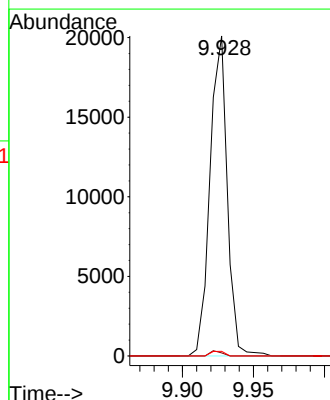
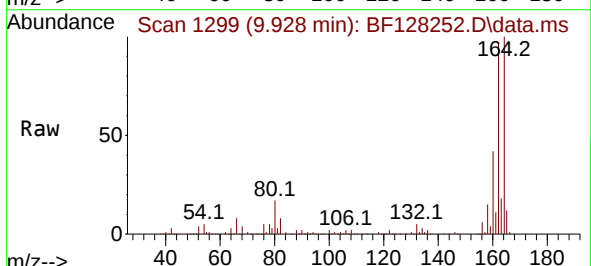
Tgt Ion:165 Resp: 16991

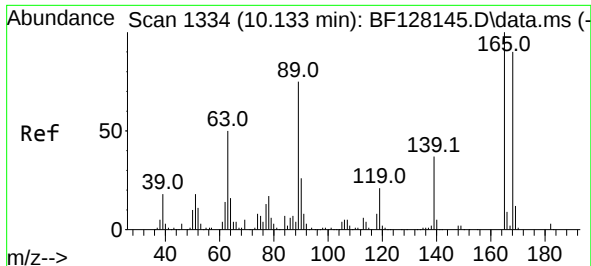
Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.4 49.0 73.4#

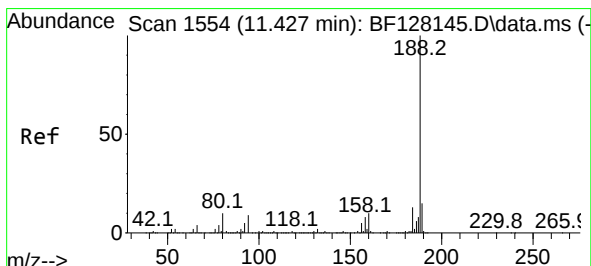
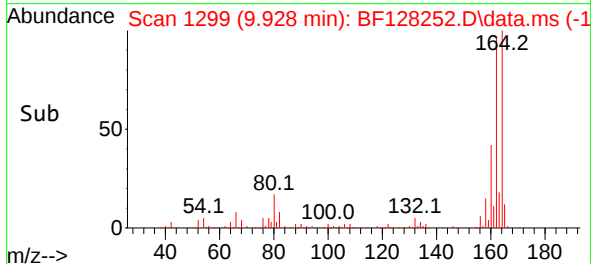
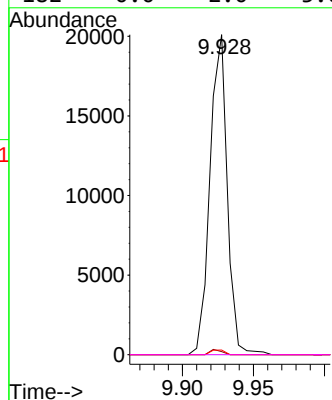
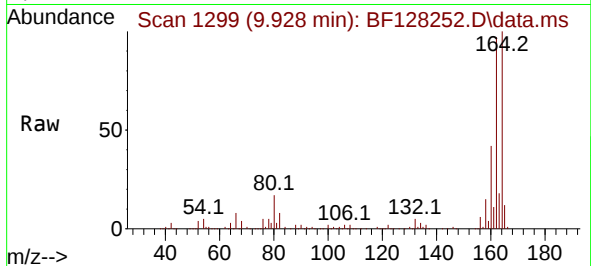




#57
2,4-Dinitrotoluene
Concen: 6.600 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

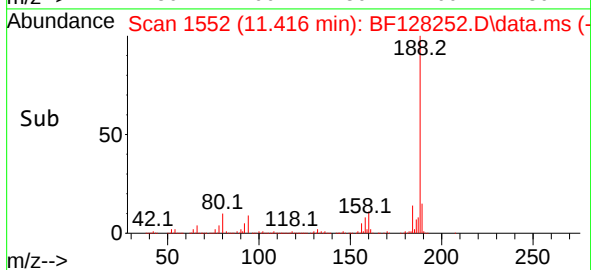
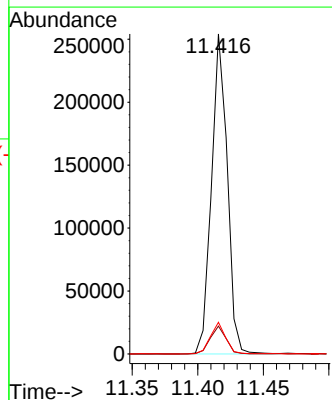
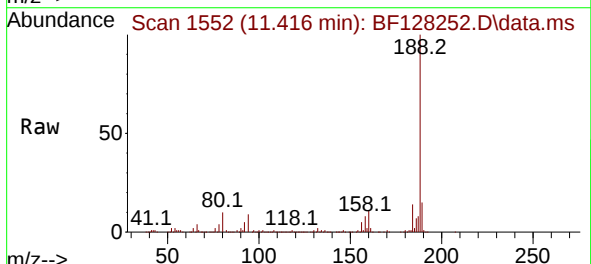
Instrument :
BNA_F
ClientSampleId :
SC-2DL

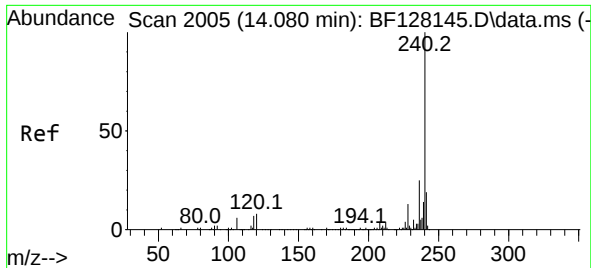
Tgt Ion:165 Resp: 16991
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

Tgt Ion:188 Resp: 212986
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.9 8.9 13.3

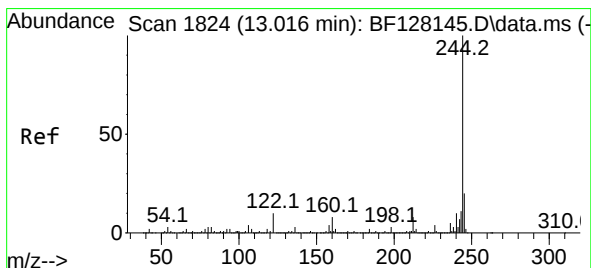
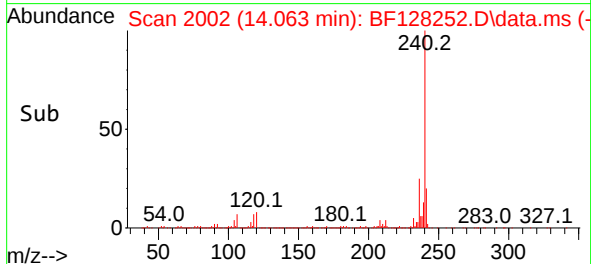
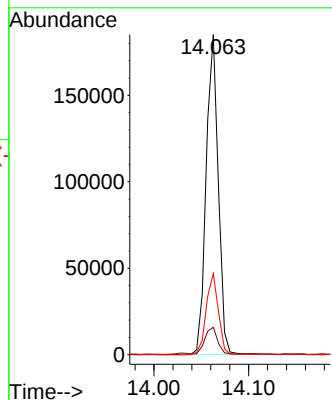
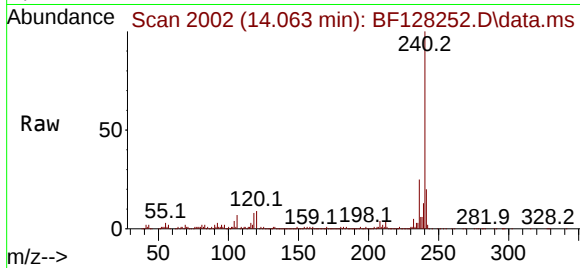




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

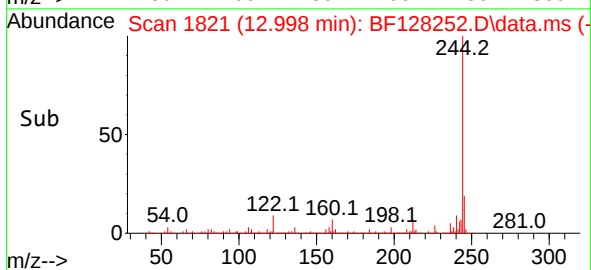
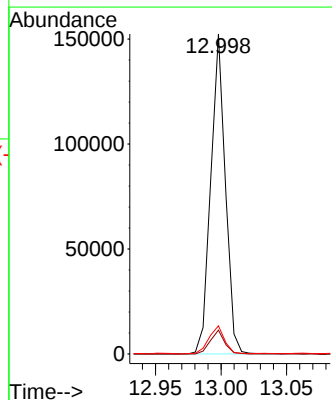
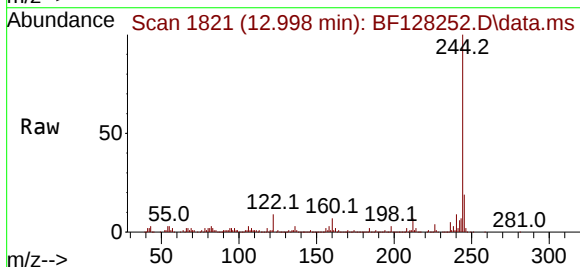
Instrument :
BNA_F
ClientSampleId :
SC-2DL

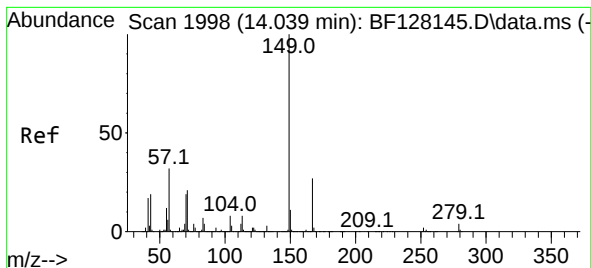
Tgt Ion:240 Resp: 164967
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 25.3 20.3 30.5



#79
Terphenyl-d14
Concen: 13.473 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF128252.D
Acq: 13 May 2022 21:35

Tgt Ion:244 Resp: 118452
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.8 8.6 12.8

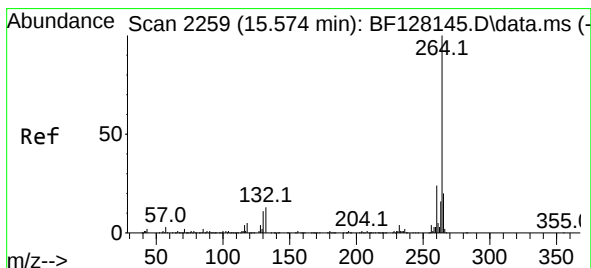
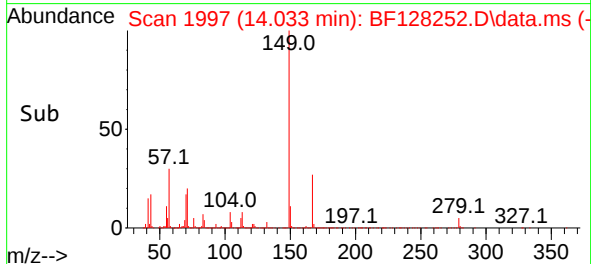
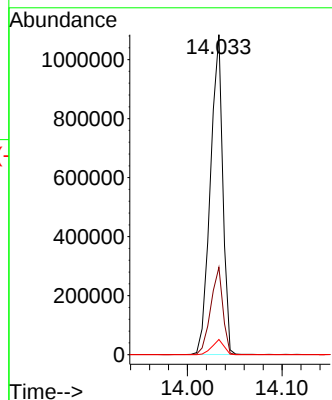
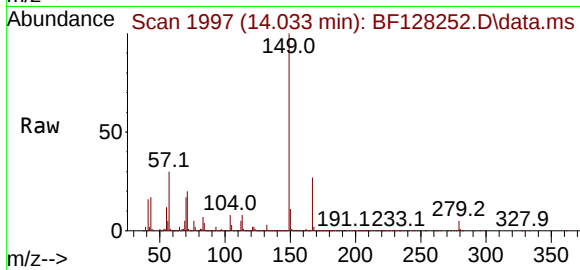




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 145.904 ng
 RT: 14.033 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: BF128252.D
 Acq: 13 May 2022 21:35

Instrument :
 BNA_F
 ClientSampleId :
 SC-2DL

Tgt Ion:149 Resp: 980340
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.0 33.0
 279 4.7 3.4 5.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128252.D
 Acq: 13 May 2022 21:35

Tgt Ion:264 Resp: 130980
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.0 17.5 26.3

