

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128875.D
 Acq On : 20 Jun 2022 14:28
 Operator : CG\JU
 Sample : N3373-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-7D

Quant Time: Jun 21 01:14:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

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

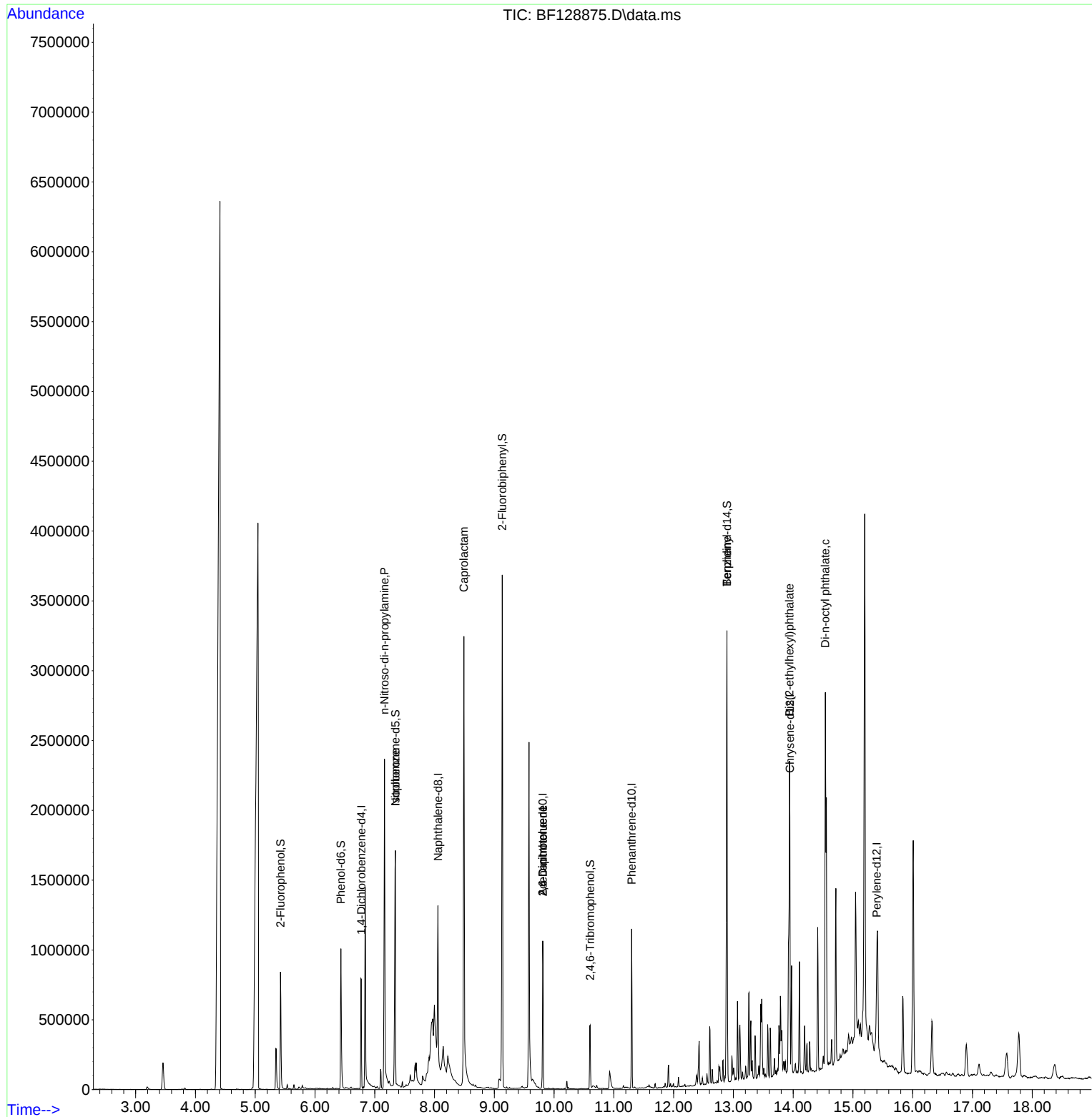
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	111834	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	359825	20.00	ng	0.00
39) Acenaphthene-d10	9.810	164	206521	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	368872	20.00	ng	0.00
76) Chrysene-d12	13.945	240	201313	20.00	ng	# 0.00
86) Perylene-d12	15.398	264	177698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	192499	27.42	ng	0.01
7) Phenol-d6	6.434	99	315989	36.87	ng	0.00
23) Nitrobenzene-d5	7.345	82	579580	74.99	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	55733	22.84	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1123548	76.21	ng	0.00
79) Terphenyl-d14	12.892	244	1041999	89.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.163	70	167214	31.38	ng	# 56
25) Isophorone	7.345	82	579407	49.36	ng	# 65
35) Caprolactam	8.492	113	4546	2.98	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	26027	9.33	ng	# 27
57) 2,4-Dinitrotoluene	9.810	165	26027	6.99	ng	# 22
77) Benzidine	12.892	184	26120	6.51	ng	96
84) Bis(2-ethylhexyl)phtha...	13.939	149	1004742	122.87	ng	# 57
85) Di-n-octyl phthalate	14.539	149	2024281	164.37	ng	97

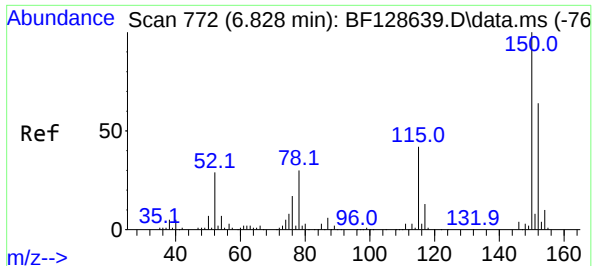
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128875.D
Acq On : 20 Jun 2022 14:28
Operator : CG\JU
Sample : N3373-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DS-7D

Quant Time: Jun 21 01:14:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 21 00:40:09 2022
Response via : Initial Calibration

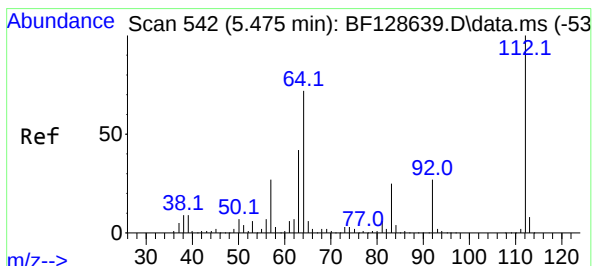
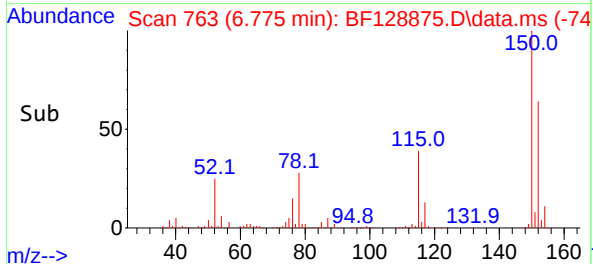
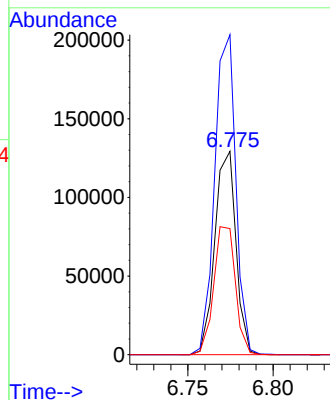
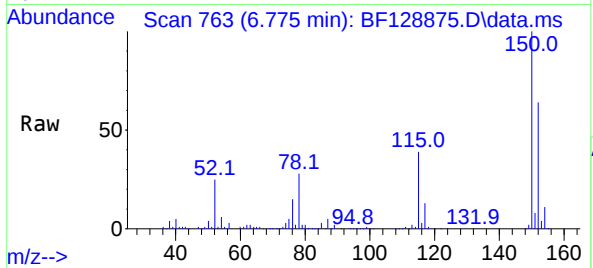




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

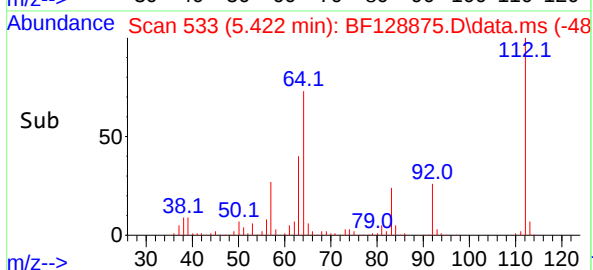
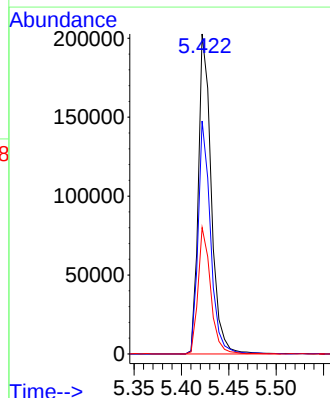
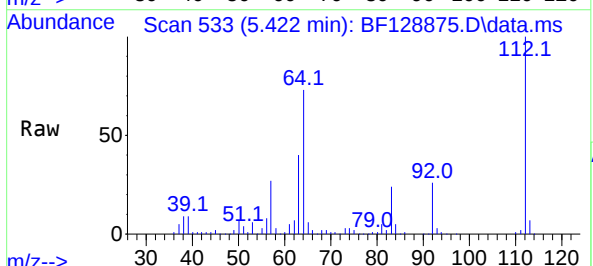
Instrument :
BNA_F
ClientSampleId :
DS-7D

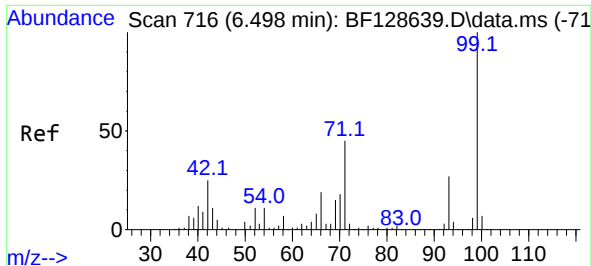
Tgt Ion:152 Resp: 111834
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 62.0 49.9 74.9



#5
2-Fluorophenol
Concen: 27.42 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Tgt Ion:112 Resp: 192499
Ion Ratio Lower Upper
112 100
64 72.8 53.3 79.9
63 39.5 28.0 42.0

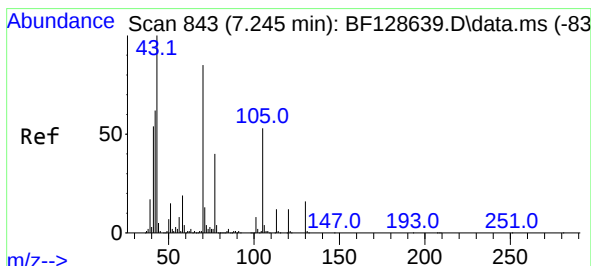
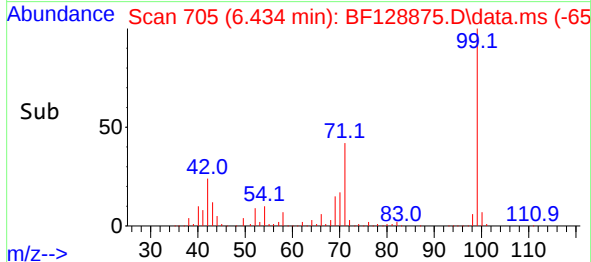
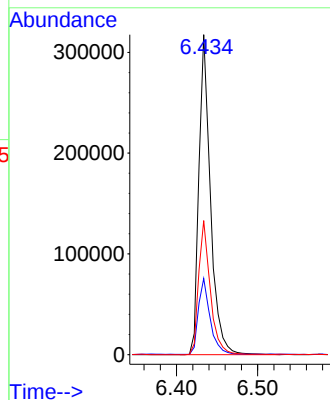
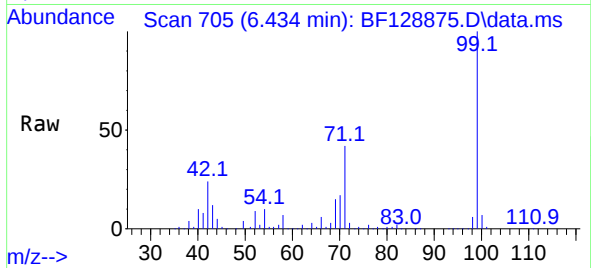




#7
Phenol-d6
Concen: 36.87 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

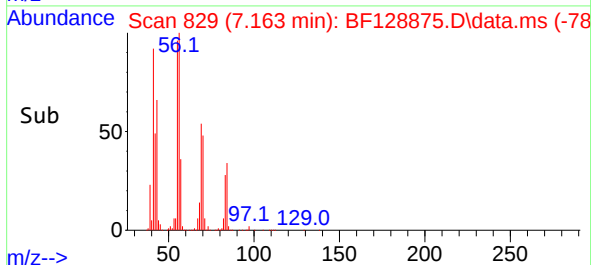
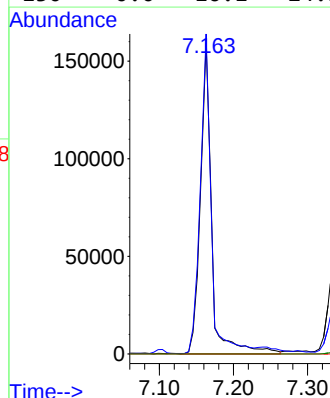
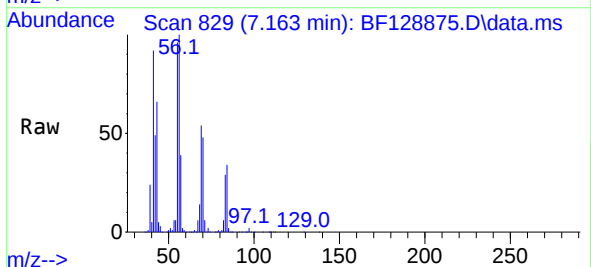
Instrument :
BNA_F
ClientSampleId :
DS-7D

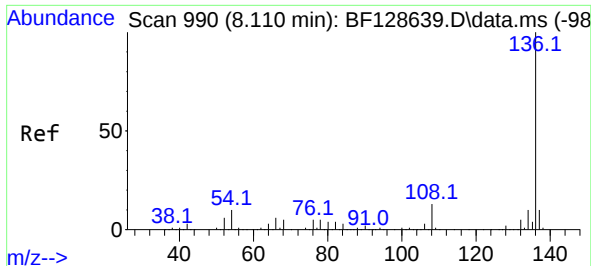
Tgt Ion: 99 Resp: 315989
Ion Ratio Lower Upper
99 100
42 23.8 17.3 25.9
71 41.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 31.38 ng
RT: 7.163 min Scan# 829
Delta R.T. -0.035 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Tgt Ion: 70 Resp: 167214
Ion Ratio Lower Upper
70 100
42 102.9 52.3 78.5#
101 0.0 7.5 11.3#
130 0.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.057 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128875.D

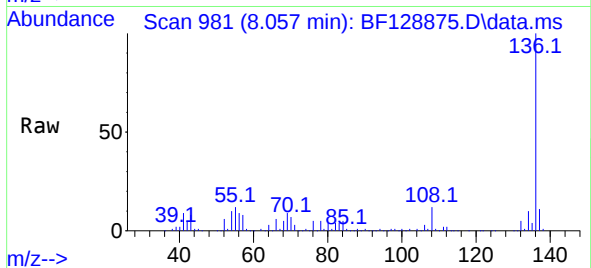
Acq: 20 Jun 2022 14:28

Instrument :

BNA_F

ClientSampleId :

DS-7D



Tgt Ion:136 Resp: 359825

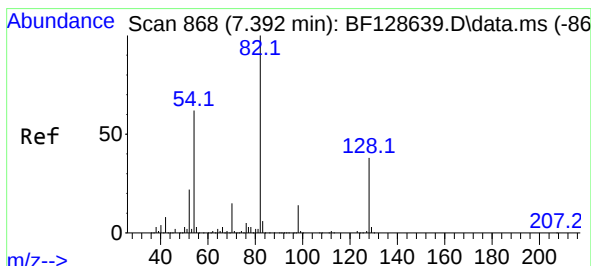
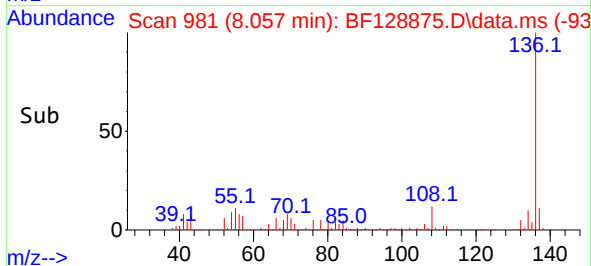
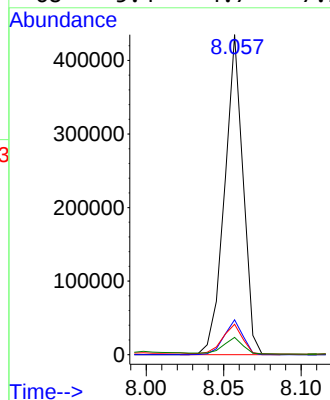
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.5 7.5 11.3

68 5.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 74.99 ng

RT: 7.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF128875.D

Acq: 20 Jun 2022 14:28

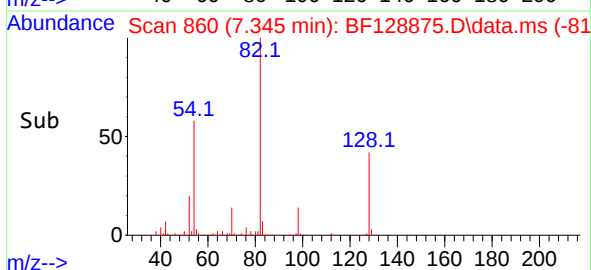
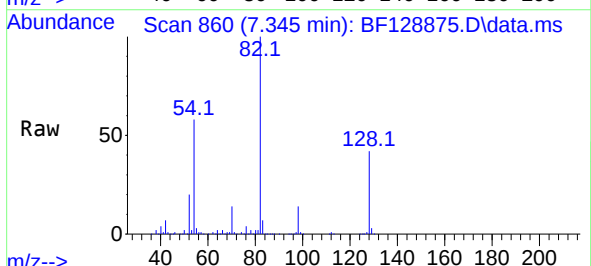
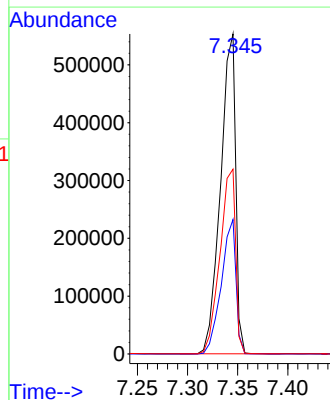
Tgt Ion: 82 Resp: 579580

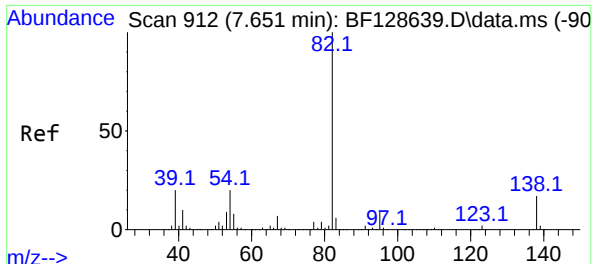
Ion Ratio Lower Upper

82 100

128 42.0 34.0 51.0

54 57.8 46.9 70.3

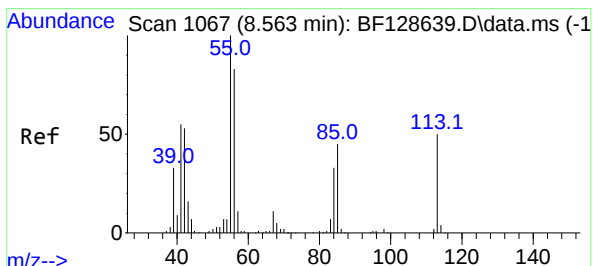
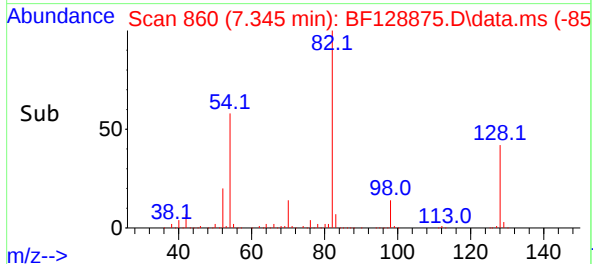
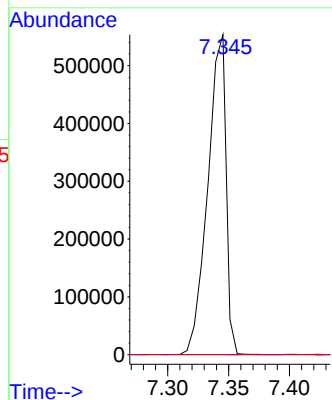
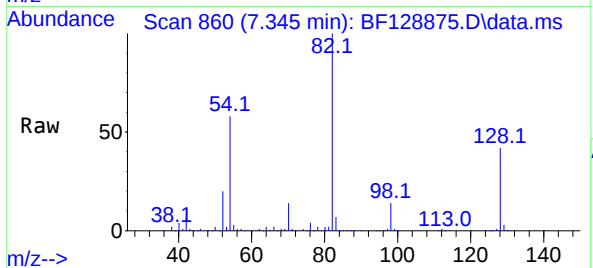




#25
Isophorone
Concen: 49.36 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

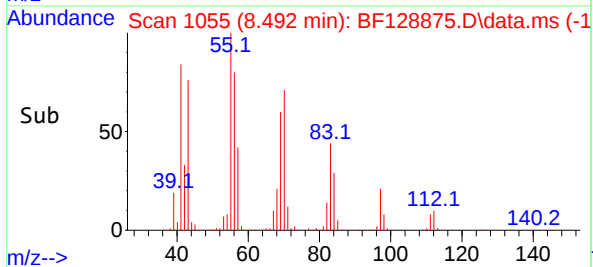
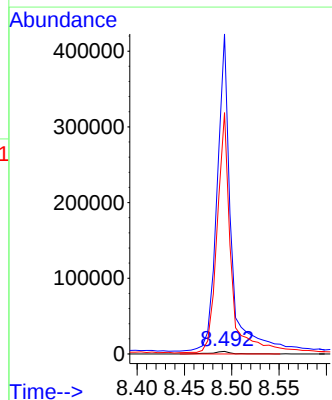
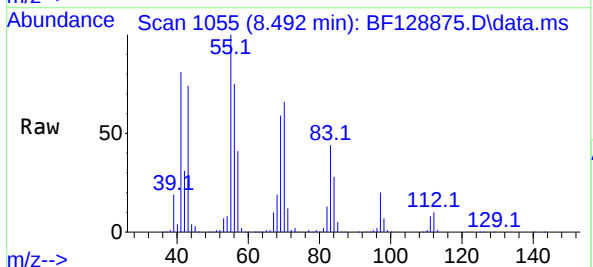
Instrument :
BNA_F
ClientSampleId :
DS-7D

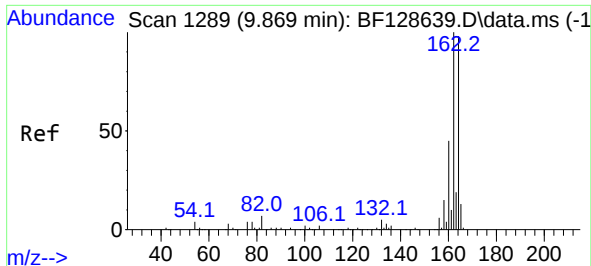
Tgt Ion: 82 Resp: 579407
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#35
Caprolactam
Concen: 2.98 ng
RT: 8.492 min Scan# 1055
Delta R.T. -0.024 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Tgt Ion: 113 Resp: 4546
Ion Ratio Lower Upper
113 100
55 12105.4 188.5 228.5#
56 9127.1 130.6 170.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128875.D

Acq: 20 Jun 2022 14:28

Instrument :

BNA_F

ClientSampleId :

DS-7D

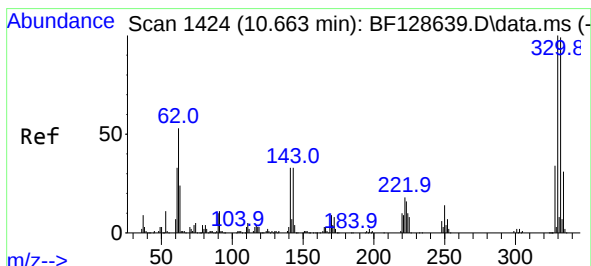
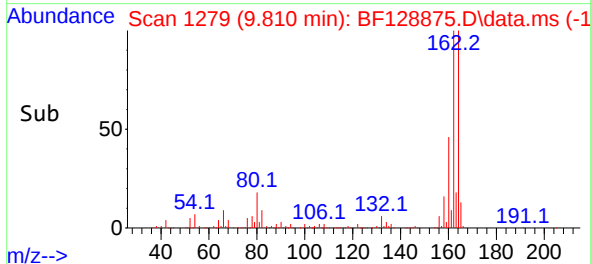
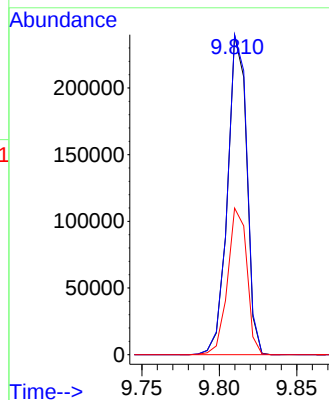
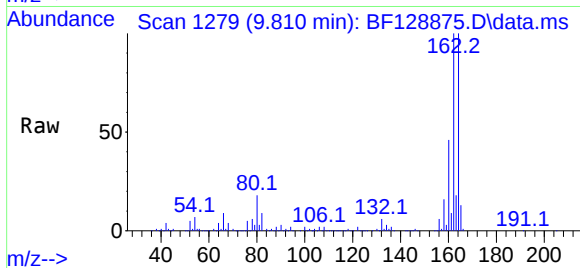
Tgt Ion:164 Resp: 206521

Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 45.9 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 22.84 ng

RT: 10.604 min Scan# 1414

Delta R.T. -0.006 min

Lab File: BF128875.D

Acq: 20 Jun 2022 14:28

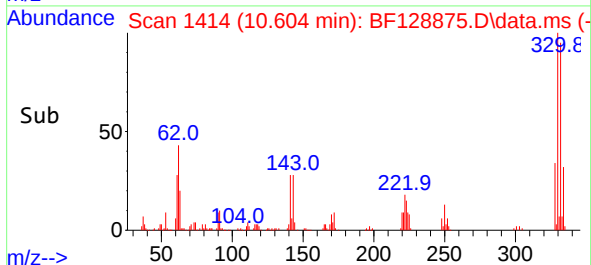
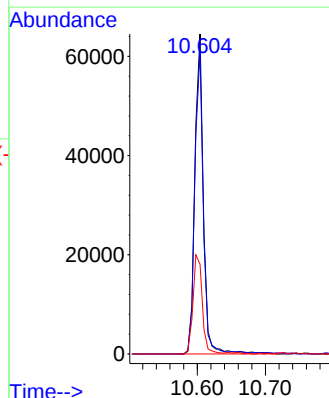
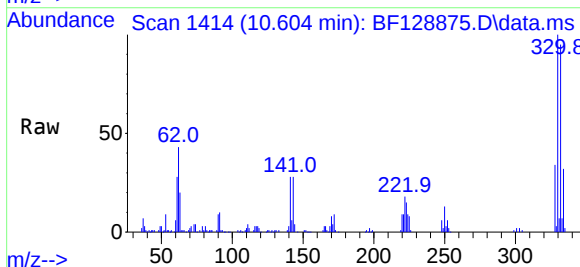
Tgt Ion:330 Resp: 55733

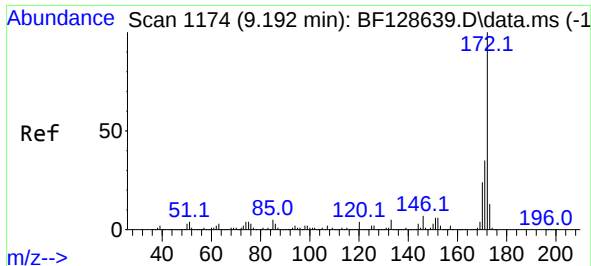
Ion Ratio Lower Upper

330 100

332 92.7 76.8 115.2

141 33.5 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 76.21 ng

RT: 9.133 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF128875.D

Acq: 20 Jun 2022 14:28

Instrument :

BNA_F

ClientSampleId :

DS-7D

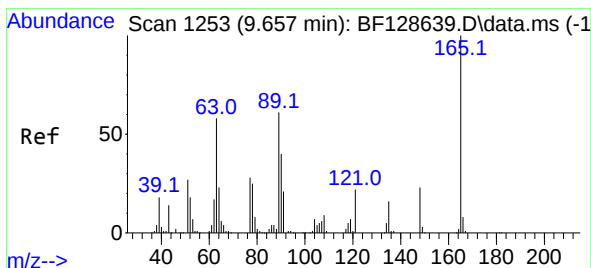
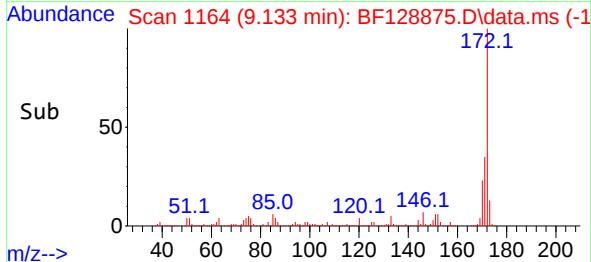
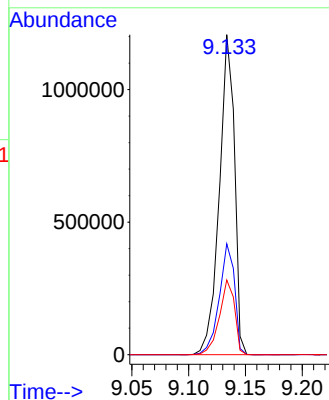
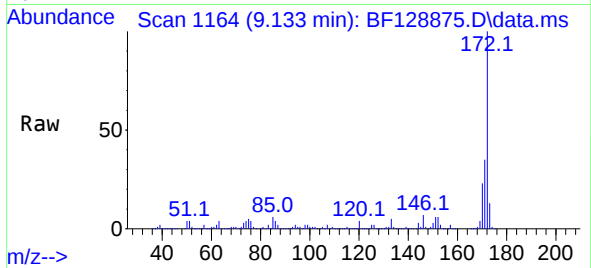
Tgt Ion:172 Resp: 1123548

Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 23.4 19.8 29.8



#51

2,6-Dinitrotoluene

Concen: 9.33 ng

RT: 9.810 min Scan# 1279

Delta R.T. 0.200 min

Lab File: BF128875.D

Acq: 20 Jun 2022 14:28

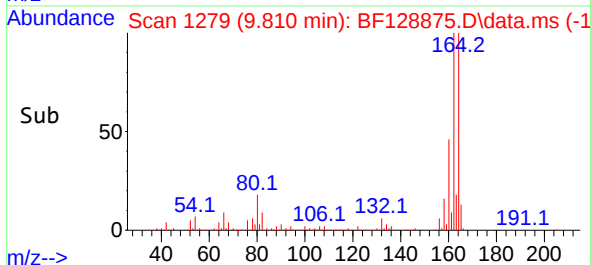
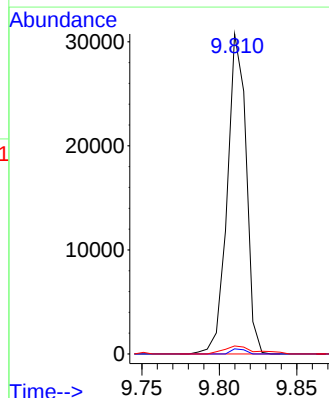
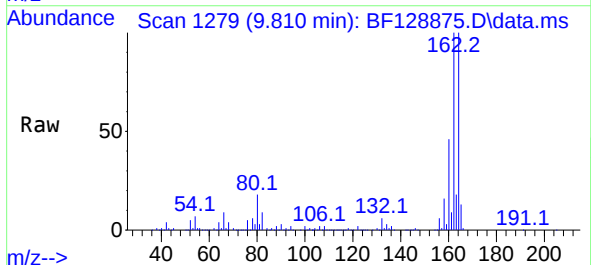
Tgt Ion:165 Resp: 26027

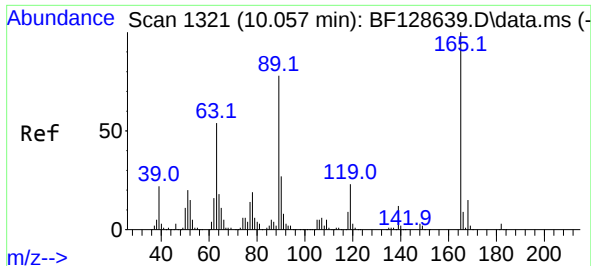
Ion Ratio Lower Upper

165 100

63 1.6 44.9 67.3#

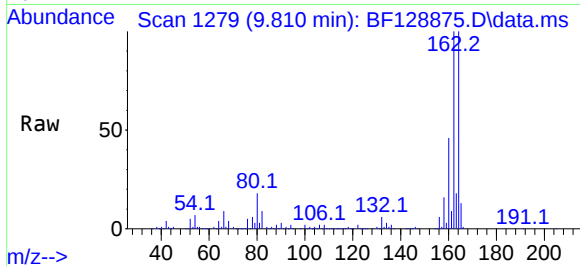
89 2.5 43.6 65.4#



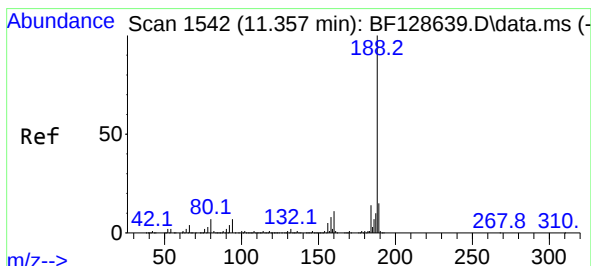
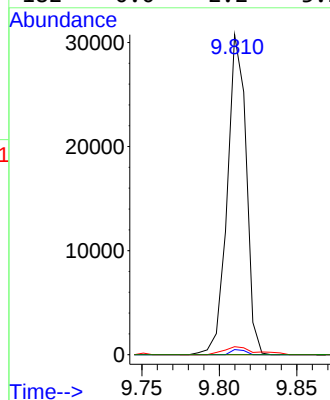
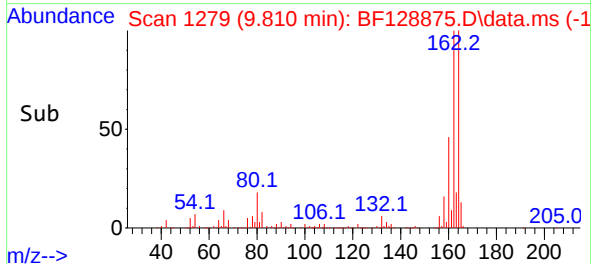


#57
2,4-Dinitrotoluene
Concen: 6.99 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Instrument :
BNA_F
ClientSampleId :
DS-7D

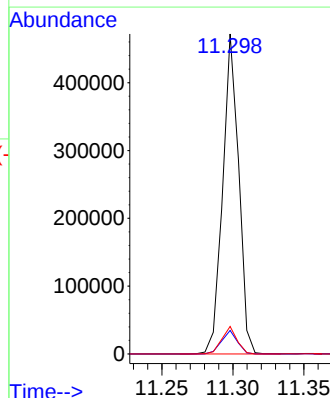
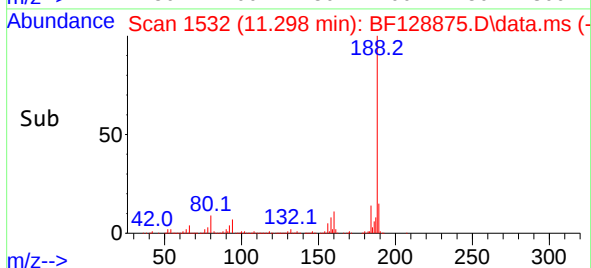
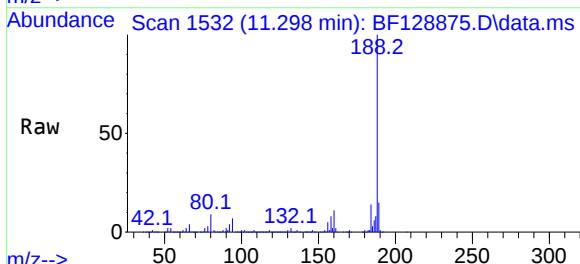


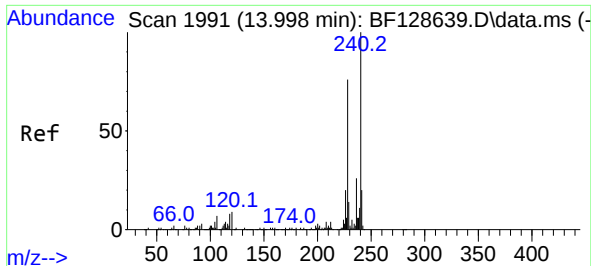
Tgt Ion:165 Resp: 26027
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 2.5 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Tgt Ion:188 Resp: 368872
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.6 7.6 11.4

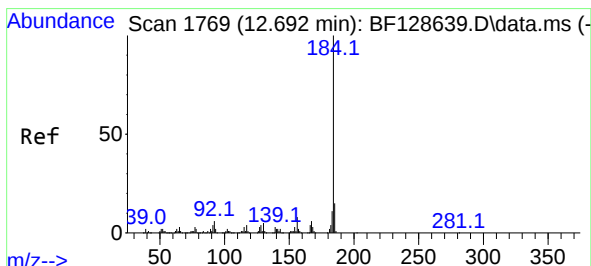
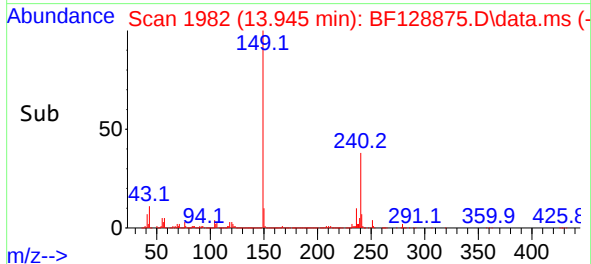
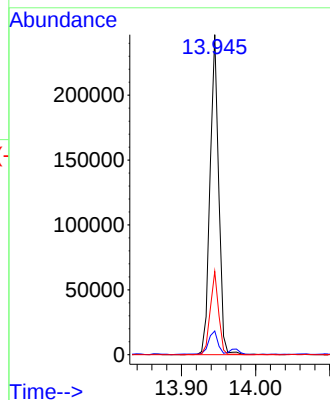
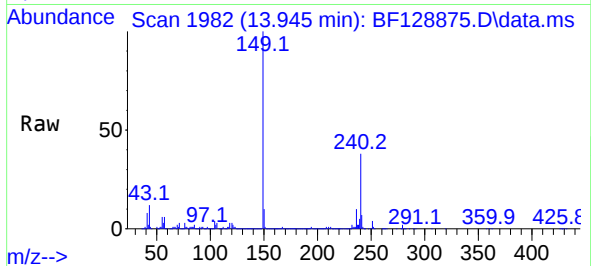




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

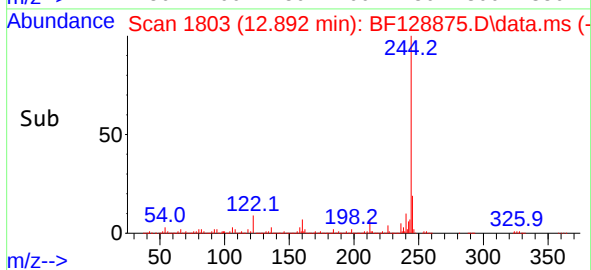
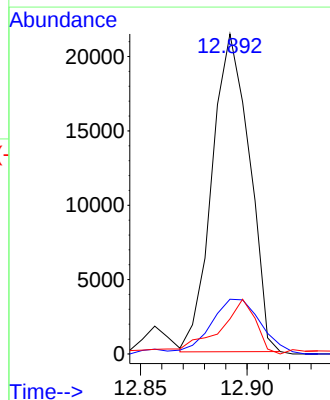
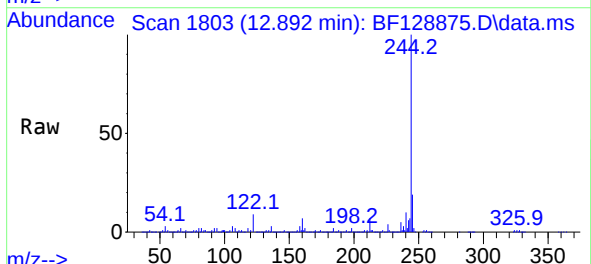
Instrument :
BNA_F
ClientSampleId :
DS-7D

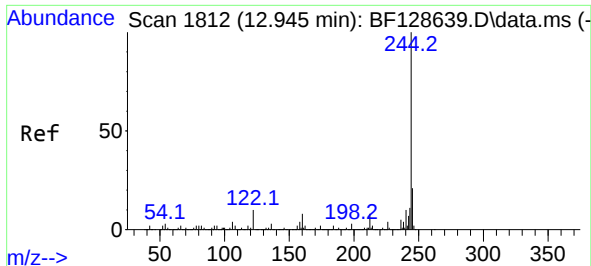
Tgt Ion:240 Resp: 201313
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 26.0 20.8 31.2



#77
Benzidine
Concen: 6.51 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.247 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Tgt Ion:184 Resp: 26120
Ion Ratio Lower Upper
184 100
185 17.1 11.9 17.9
183 11.0 9.3 13.9

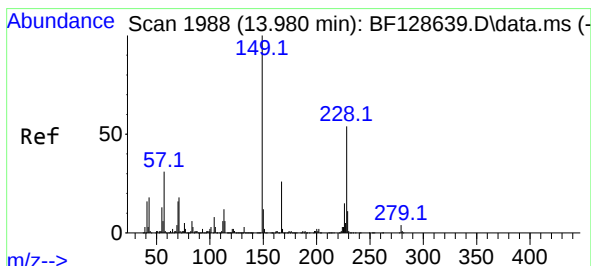
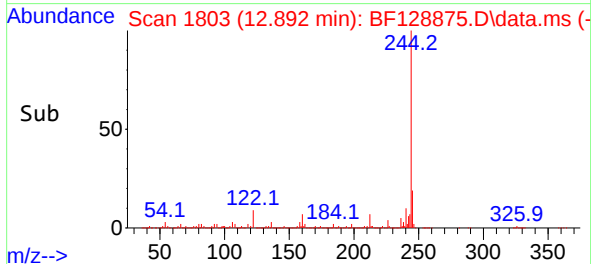
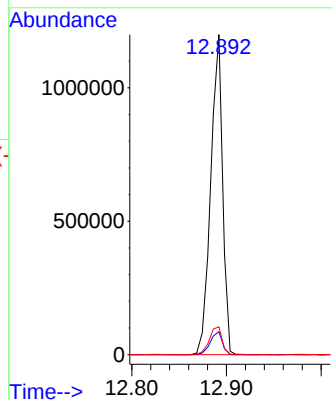
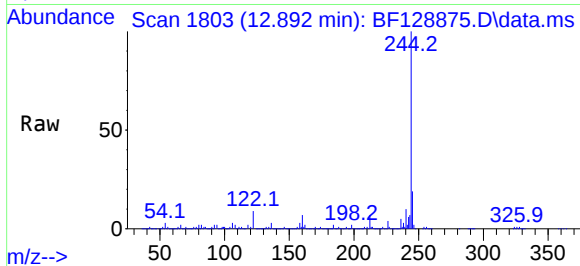




#79
 Terphenyl-d14
 Concen: 89.94 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: BF128875.D
 Acq: 20 Jun 2022 14:28

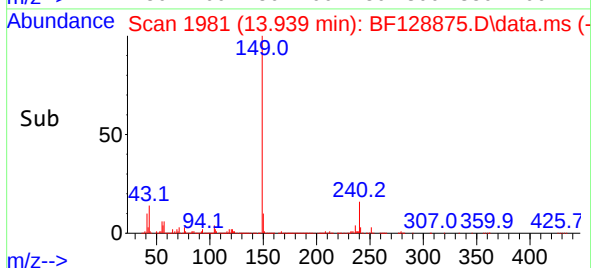
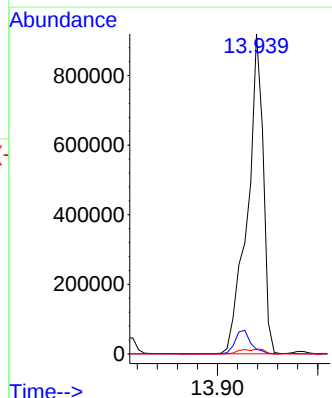
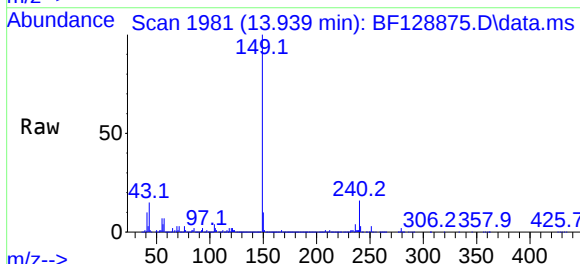
Instrument :
 BNA_F
 ClientSampleId :
 DS-7D

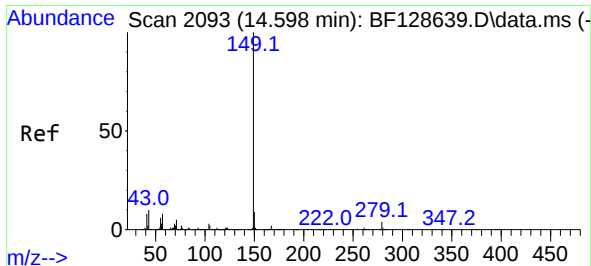
Tgt Ion:244 Resp: 1041999
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.7 8.8 13.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 122.87 ng
 RT: 13.939 min Scan# 1981
 Delta R.T. 0.012 min
 Lab File: BF128875.D
 Acq: 20 Jun 2022 14:28

Tgt Ion:149 Resp: 1004742
 Ion Ratio Lower Upper
 149 100
 167 1.4 21.0 31.4#
 279 1.6 3.1 4.7#

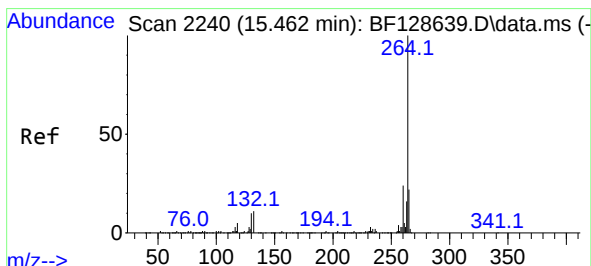
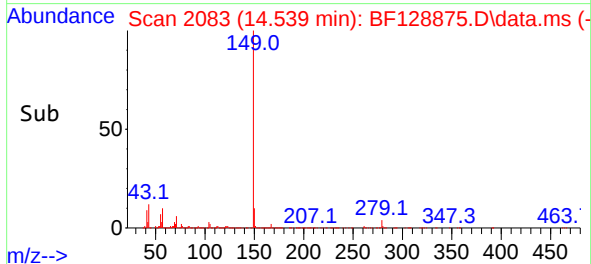
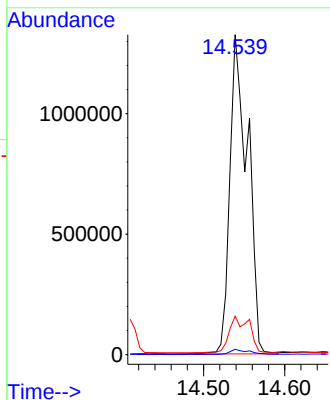
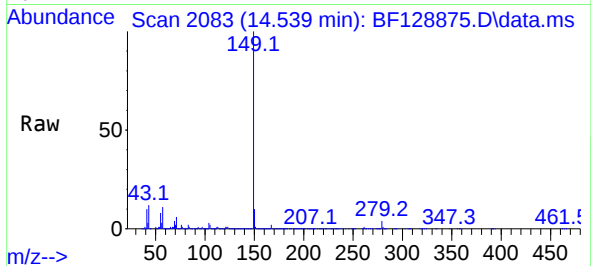




#85
Di-n-octyl phthalate
Concen: 164.37 ng
RT: 14.539 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Instrument :
BNA_F
ClientSampleId :
DS-7D

Tgt Ion:149 Resp: 2024281
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.9 9.2 13.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.398 min Scan# 2229
Delta R.T. -0.000 min
Lab File: BF128875.D
Acq: 20 Jun 2022 14:28

Tgt Ion:264 Resp: 177698
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.6 17.2 25.8

