

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128909.D
 Acq On : 21 Jun 2022 20:57
 Operator : CG\JU
 Sample : N3373-12DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-7DDL

Quant Time: Jun 22 01:55:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

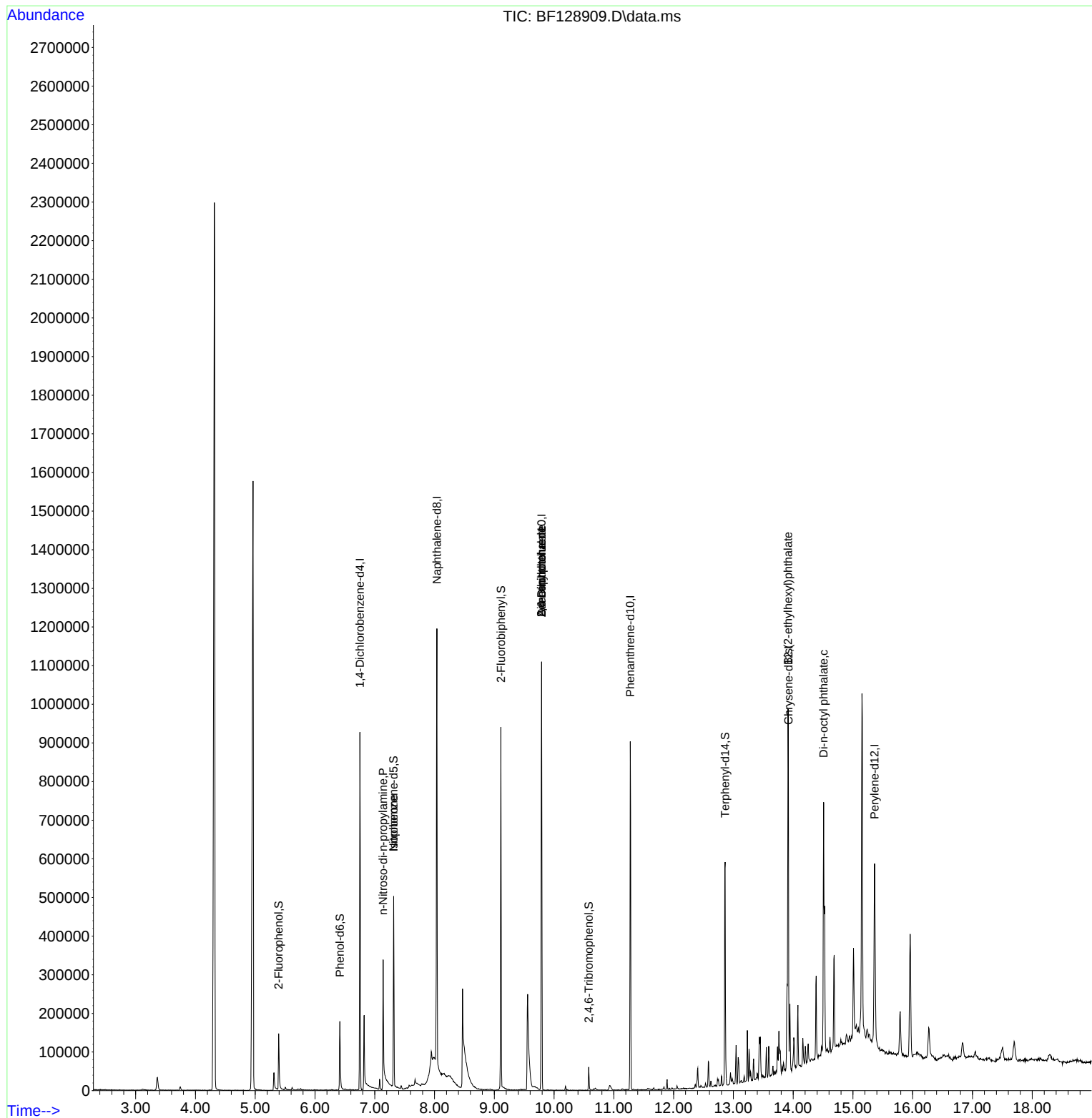
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	115387	20.00	ng	0.00
21) Naphthalene-d8	8.039	136	425321	20.00	ng	# 0.00
39) Acenaphthene-d10	9.792	164	206938	20.00	ng	0.00
64) Phenanthrene-d10	11.274	188	314233	20.00	ng	0.00
76) Chrysene-d12	13.921	240	234623	20.00	ng	# 0.00
86) Perylene-d12	15.362	264	169247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	34264	4.73	ng	0.00
7) Phenol-d6	6.416	99	56370	6.37	ng	0.00
23) Nitrobenzene-d5	7.316	82	122178	13.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	6723	2.75	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	228098	15.44	ng	0.00
79) Terphenyl-d14	12.863	244	190864	14.14	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.139	70	25284	4.60	ng	# 50
25) Isophorone	7.316	82	121835	8.78	ng	# 65
50) Dimethylphthalate	9.792	163	37744	2.66	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	26078	9.33	ng	# 25
57) 2,4-Dinitrotoluene	9.792	165	26078	6.99	ng	# 21
84) Bis(2-ethylhexyl)phtha...	13.915	149	206330	21.65	ng	# 57
85) Di-n-octyl phthalate	14.510	149	441468	30.76	ng	# 94

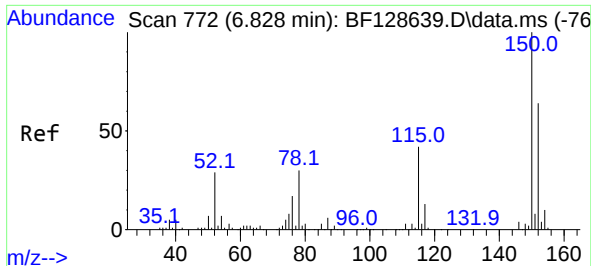
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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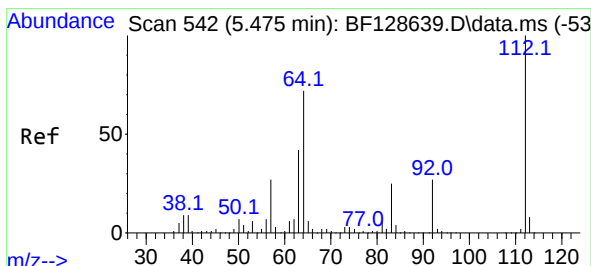
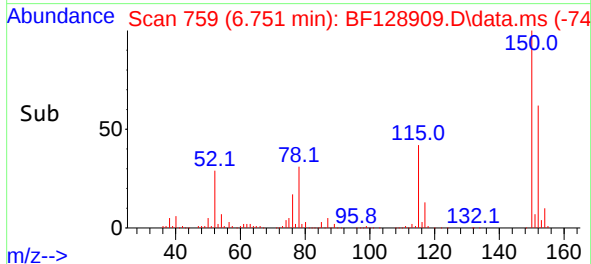
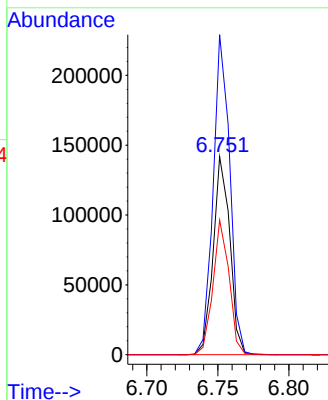
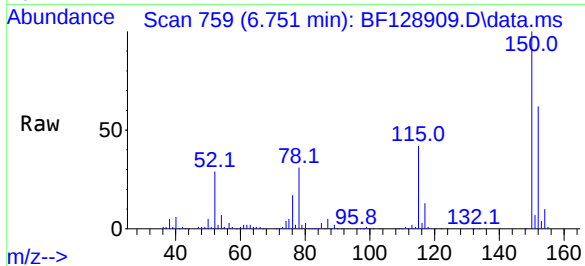




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

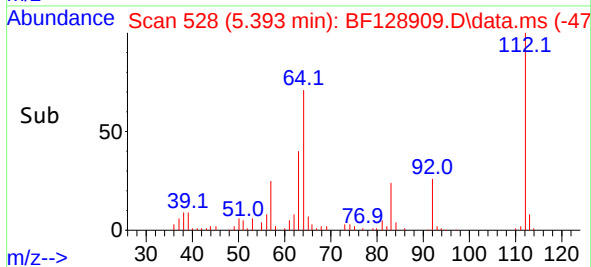
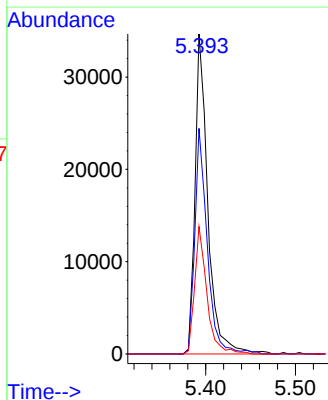
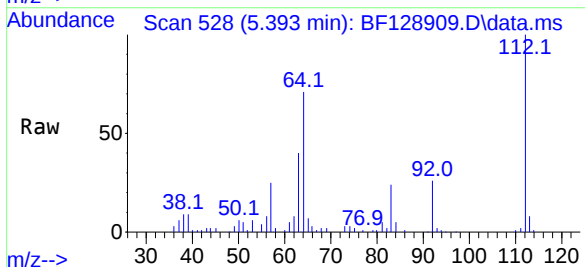
Instrument :
BNA_F
ClientSampleId :
DS-7DDL

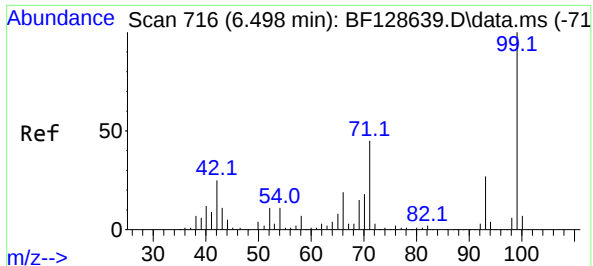
Tgt Ion:152 Resp: 115387
Ion Ratio Lower Upper
152 100
150 161.6 123.7 185.5
115 67.9 49.9 74.9



#5
2-Fluorophenol
Concen: 4.73 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Tgt Ion:112 Resp: 34264
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 39.8 28.0 42.0

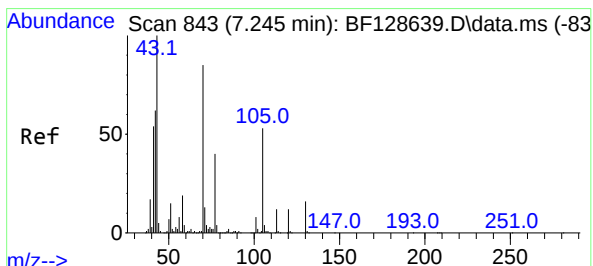
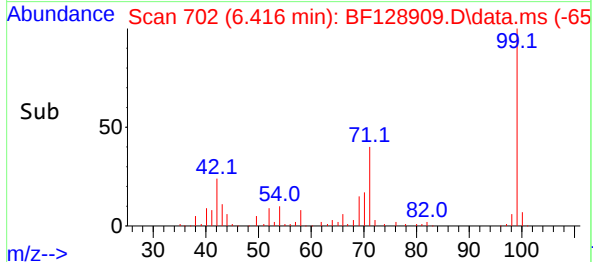
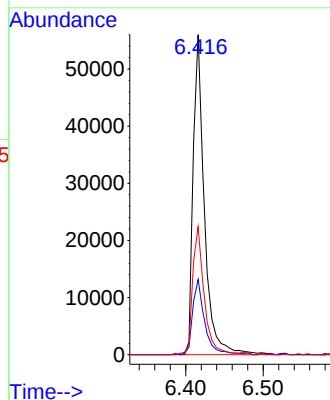
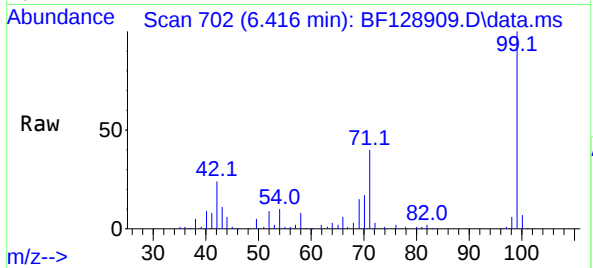




#7
Phenol-d6
Concen: 6.37 ng
RT: 6.416 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

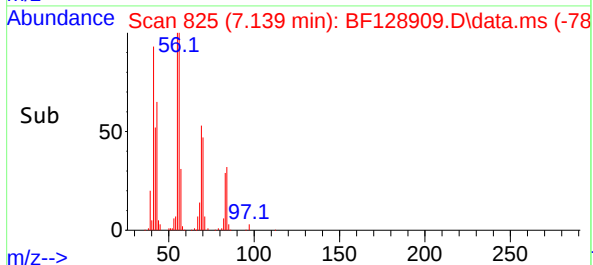
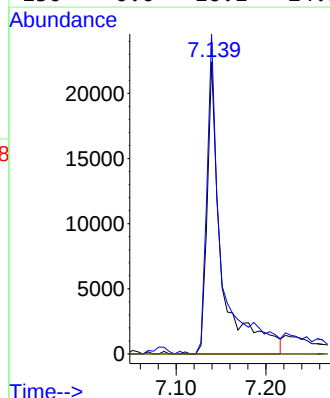
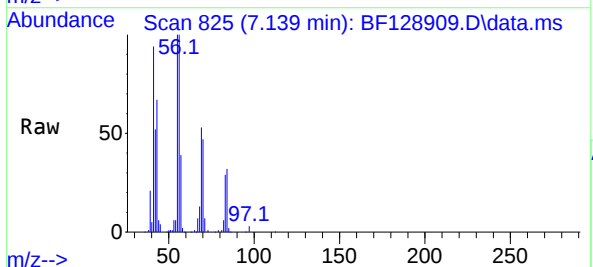
Instrument :
BNA_F
ClientSampleId :
DS-7DDL

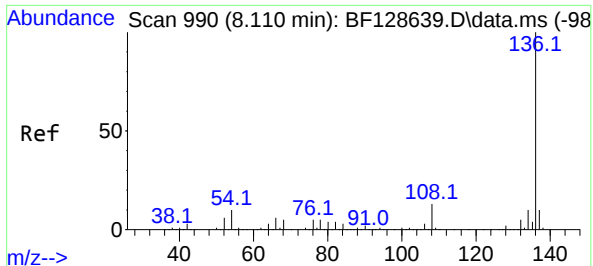
Tgt Ion: 99 Resp: 56370
Ion Ratio Lower Upper
99 100
42 23.5 17.3 25.9
71 40.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 4.60 ng
RT: 7.139 min Scan# 825
Delta R.T. -0.041 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

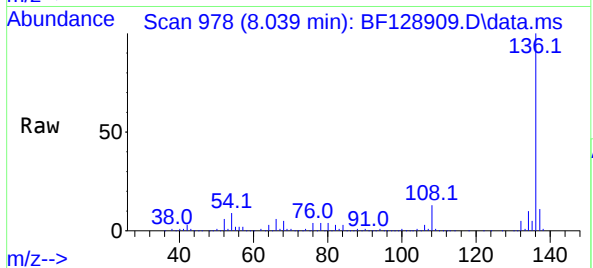
Tgt Ion: 70 Resp: 25284
Ion Ratio Lower Upper
70 100
42 109.5 52.3 78.5#
101 0.0 7.5 11.3#
130 0.0 16.1 24.1#



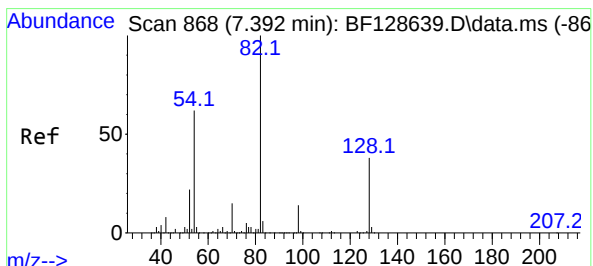
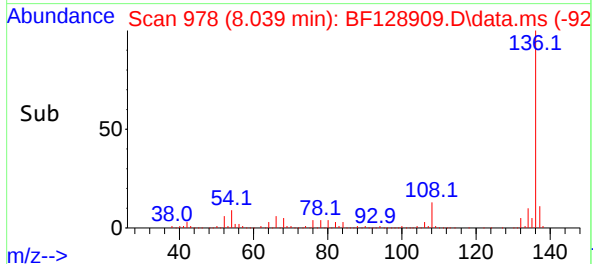
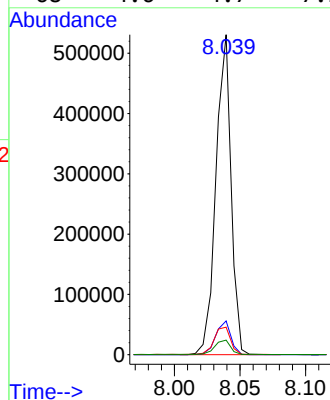


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.039 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Instrument :
BNA_F
ClientSampleId :
DS-7DDL

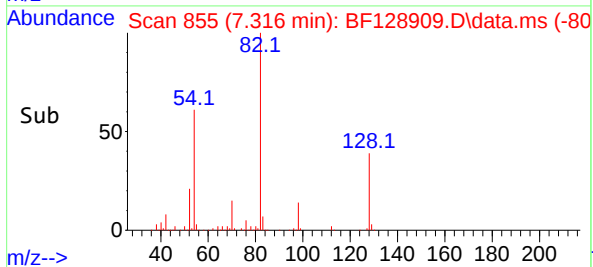
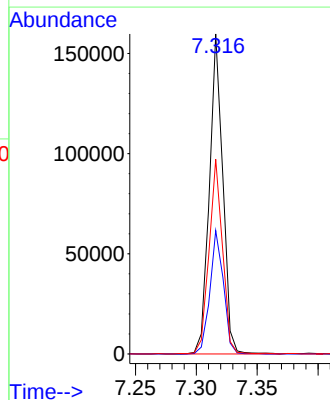
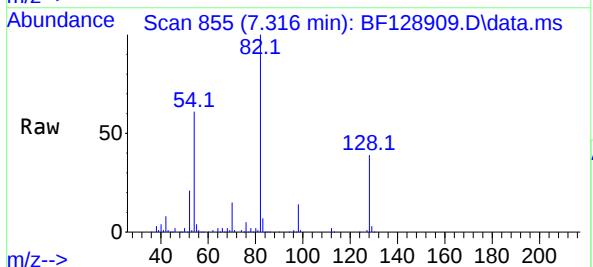


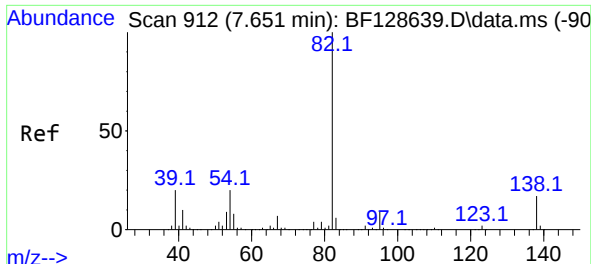
Tgt Ion:136 Resp: 425321
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.6 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 13.37 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Tgt Ion: 82 Resp: 122178
Ion Ratio Lower Upper
82 100
128 38.6 34.0 51.0
54 60.8 46.9 70.3

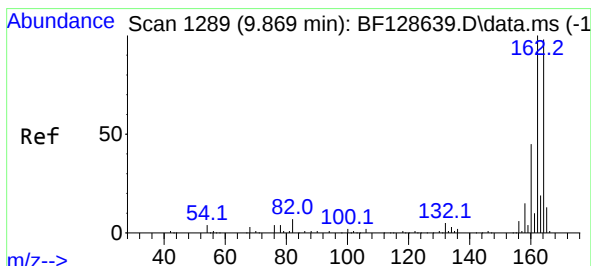
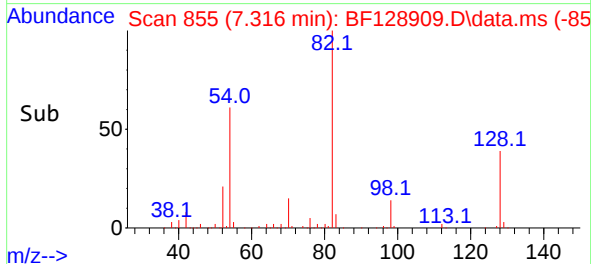
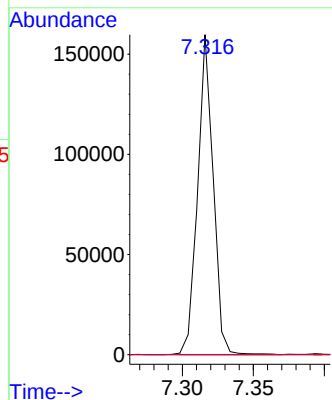
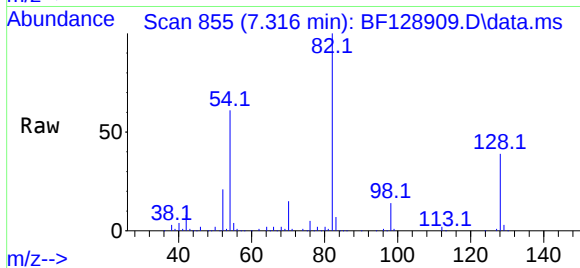




#25
Isophorone
Concen: 8.78 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

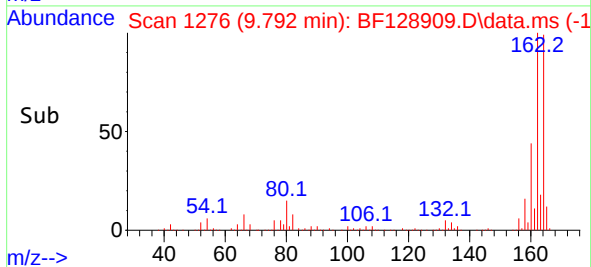
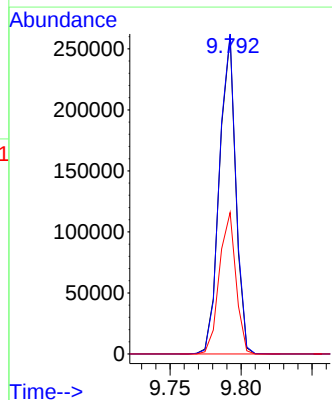
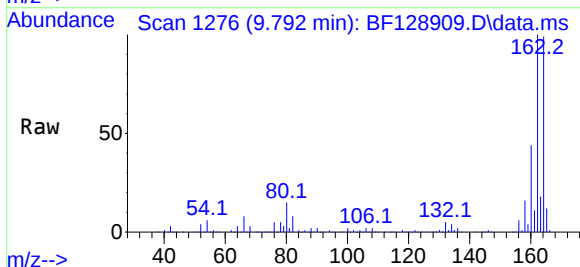
Instrument :
BNA_F
ClientSampleId :
DS-7DDL

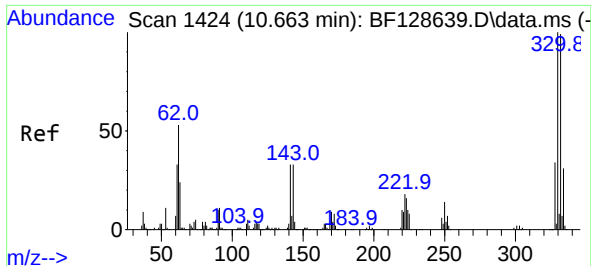
Tgt Ion: 82 Resp: 121835
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Tgt Ion:164 Resp: 206938
Ion Ratio Lower Upper
164 100
162 100.6 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 2.75 ng

RT: 10.580 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128909.D

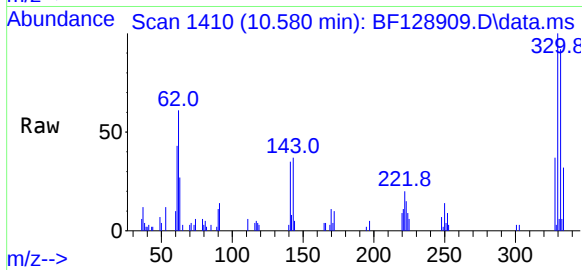
Acq: 21 Jun 2022 20:57

Instrument :

BNA_F

ClientSampleId :

DS-7DDL



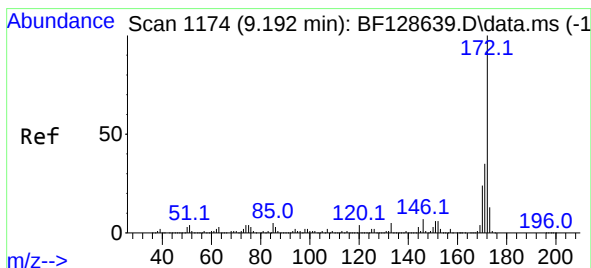
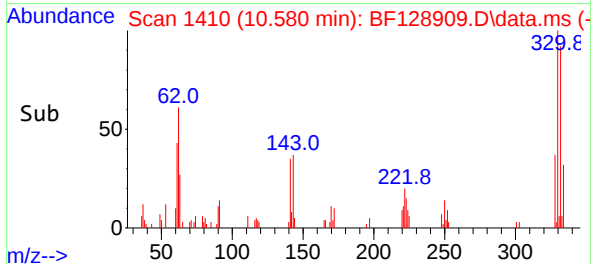
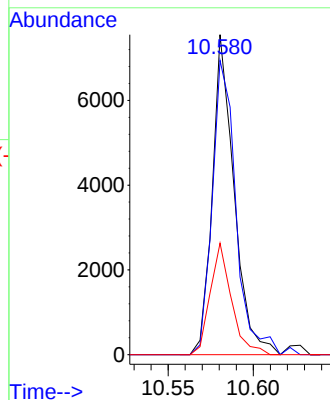
Tgt Ion:330 Resp: 6723

Ion Ratio Lower Upper

330 100

332 100.3 76.8 115.2

141 34.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 15.44 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128909.D

Acq: 21 Jun 2022 20:57

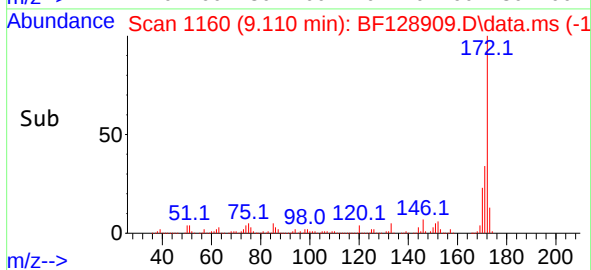
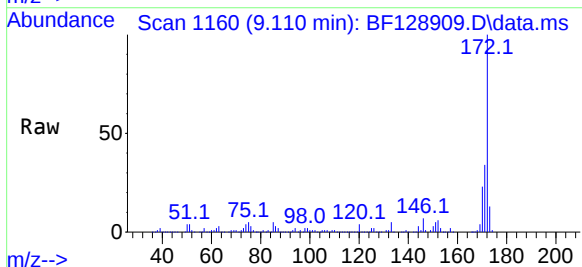
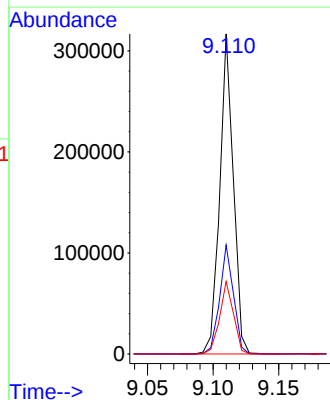
Tgt Ion:172 Resp: 228098

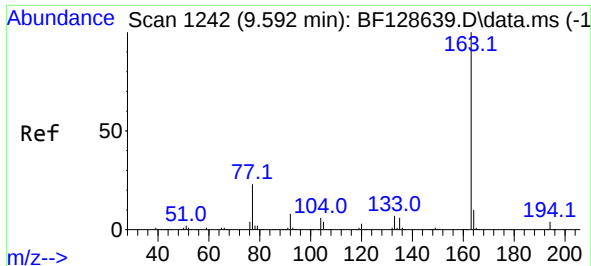
Ion Ratio Lower Upper

172 100

171 34.0 28.8 43.2

170 22.7 19.8 29.8

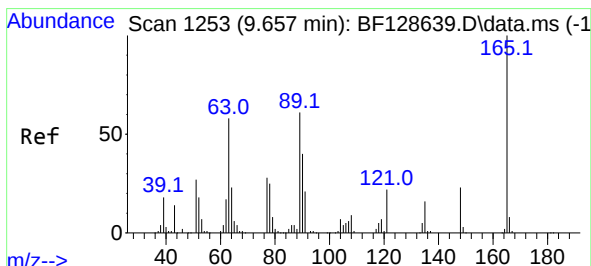
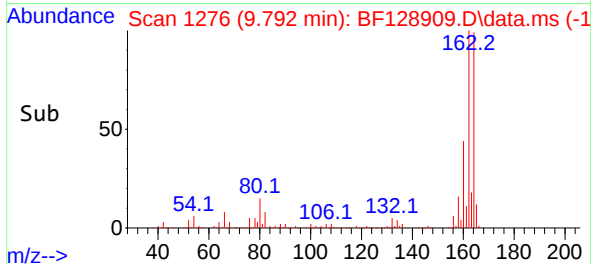
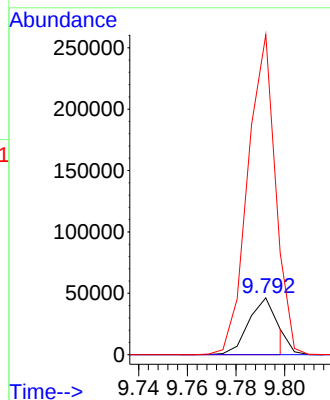
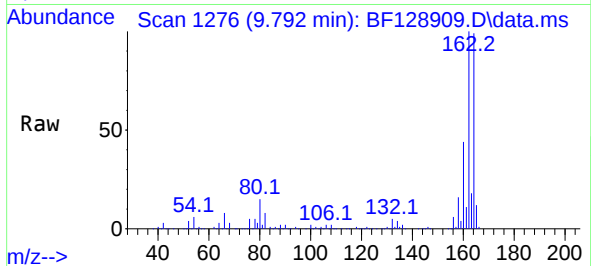




#50
Dimethylphthalate
Concen: 2.66 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.271 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

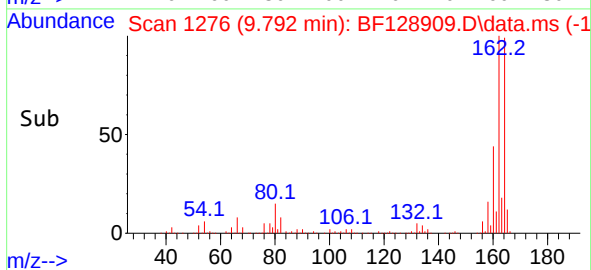
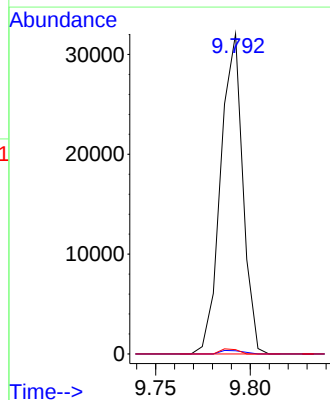
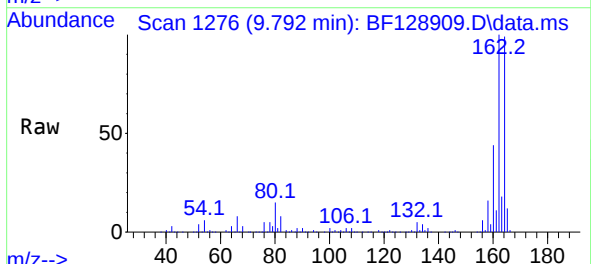
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DS-7DDL

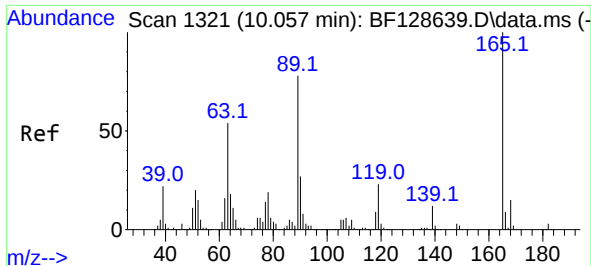
Tgt Ion:163 Resp: 37744
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 563.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.33 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.206 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Tgt Ion:165 Resp: 26078
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#

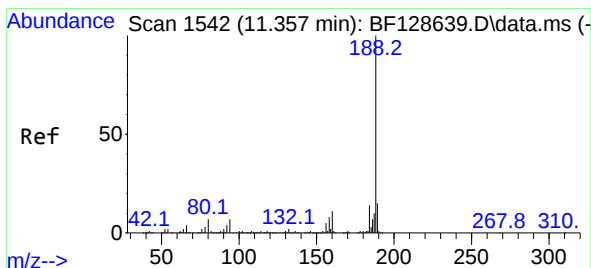
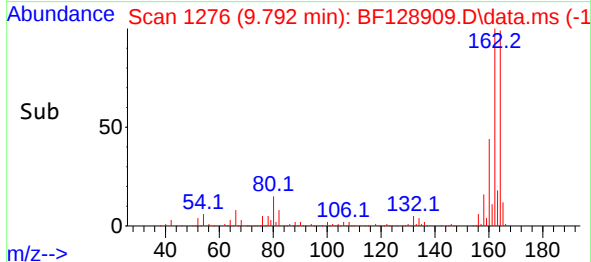
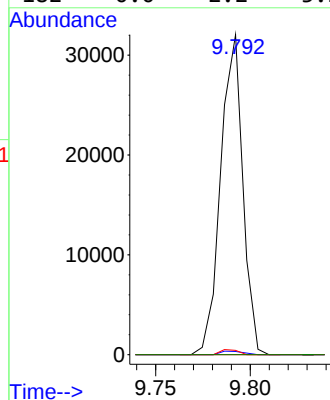
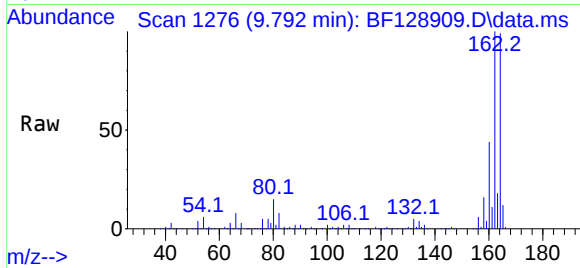




#57
2,4-Dinitrotoluene
Concen: 6.99 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

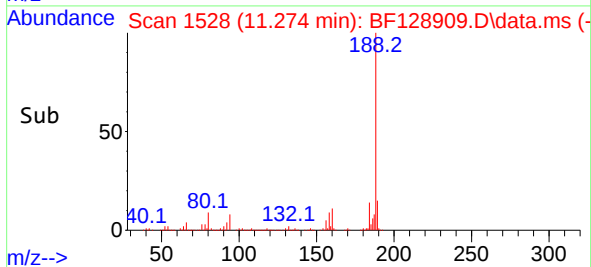
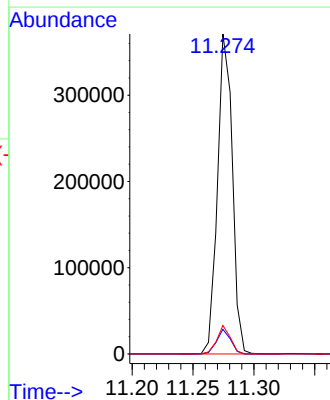
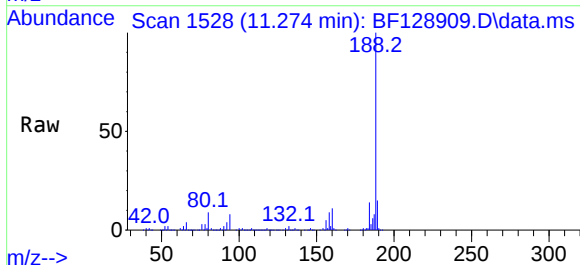
Instrument :
BNA_F
ClientSampleId :
DS-7DDL

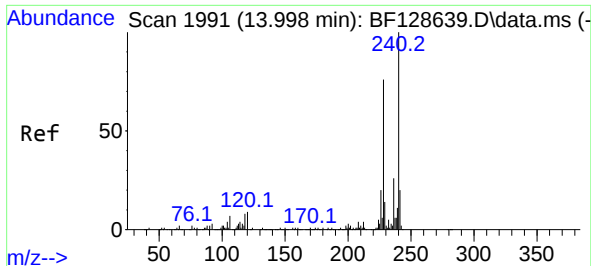
Tgt Ion:165 Resp: 26078
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Tgt Ion:188 Resp: 314233
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.9 7.6 11.4

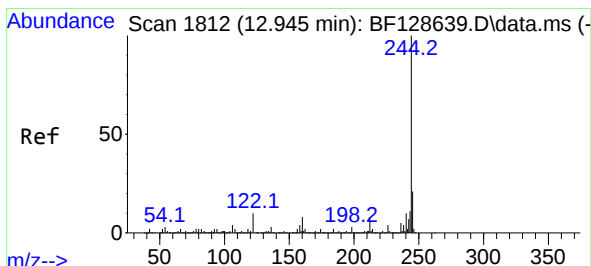
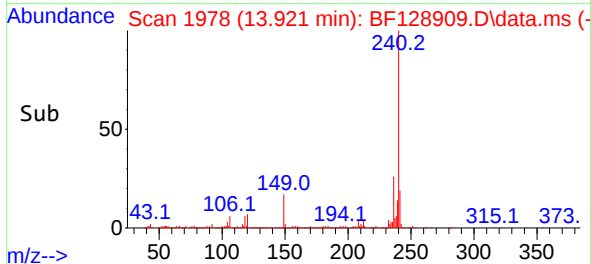
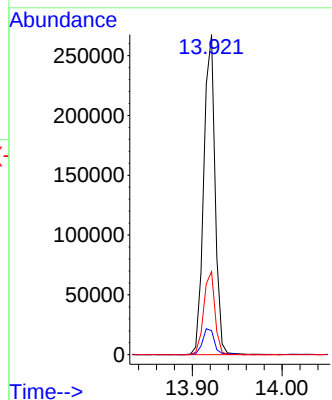
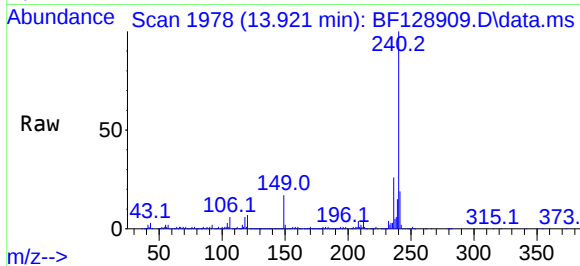




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

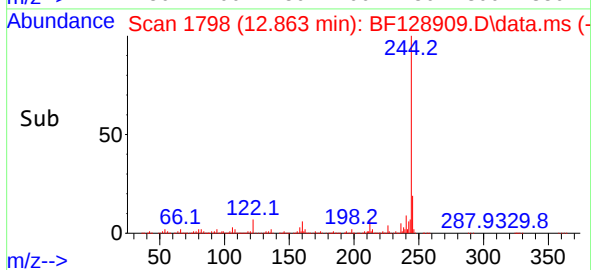
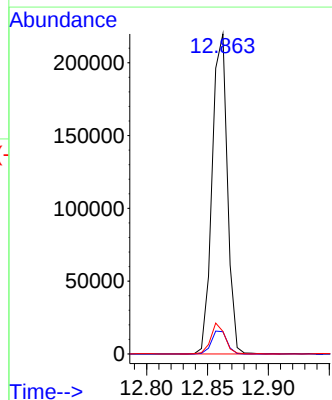
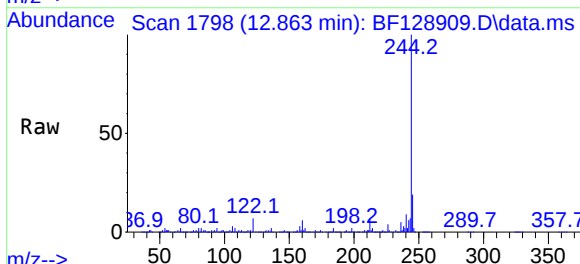
Instrument :
BNA_F
ClientSampleId :
DS-7DDL

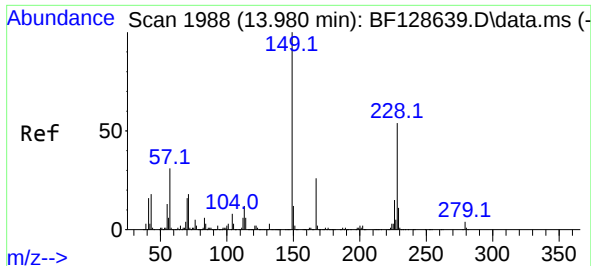
Tgt Ion:240 Resp: 234623
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 14.14 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Tgt Ion:244 Resp: 190864
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 7.1 8.8 13.2#

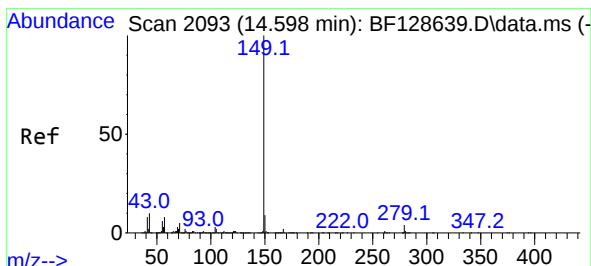
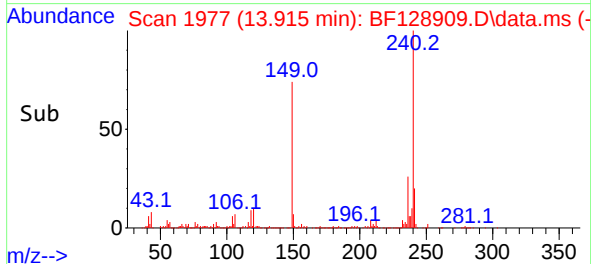
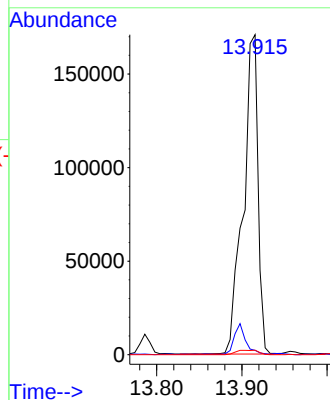
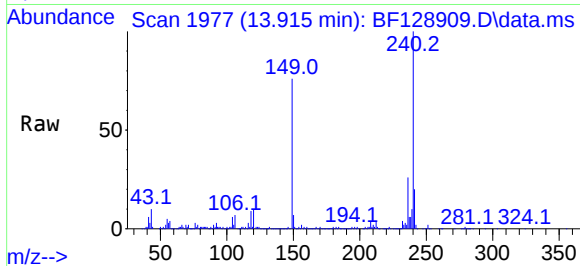




#84
Bis(2-ethylhexyl)phthalate
Concen: 21.65 ng
RT: 13.915 min Scan# 1977
Delta R.T. 0.018 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

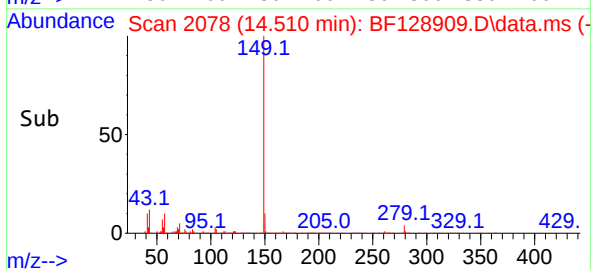
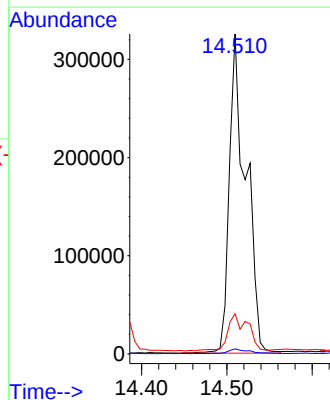
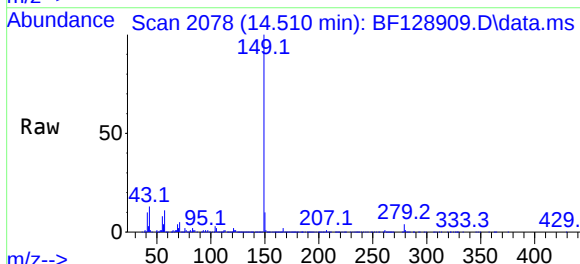
Instrument :
BNA_F
ClientSampleId :
DS-7DDL

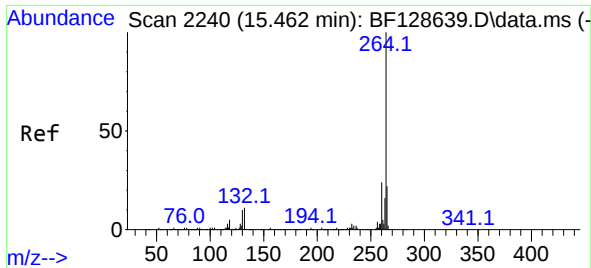
Tgt Ion:149 Resp: 206330
Ion Ratio Lower Upper
149 100
167 1.4 21.0 31.4#
279 1.4 3.1 4.7#



#85
Di-n-octyl phthalate
Concen: 30.76 ng
RT: 14.510 min Scan# 2078
Delta R.T. 0.000 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

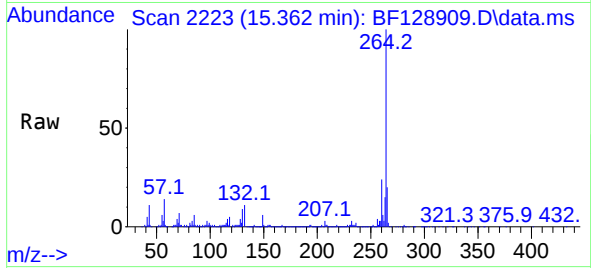
Tgt Ion:149 Resp: 441468
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9#
43 14.1 9.2 13.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.362 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128909.D
Acq: 21 Jun 2022 20:57

Instrument :
BNA_F
ClientSampleId :
DS-7DDL



Tgt Ion:264 Resp: 169247

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	19.9	17.2	25.8

