

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128254.D
 Acq On : 13 May 2022 22:33
 Operator : CG\JU
 Sample : N2823-04DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-4DL

Quant Time: May 14 00:57:46 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)

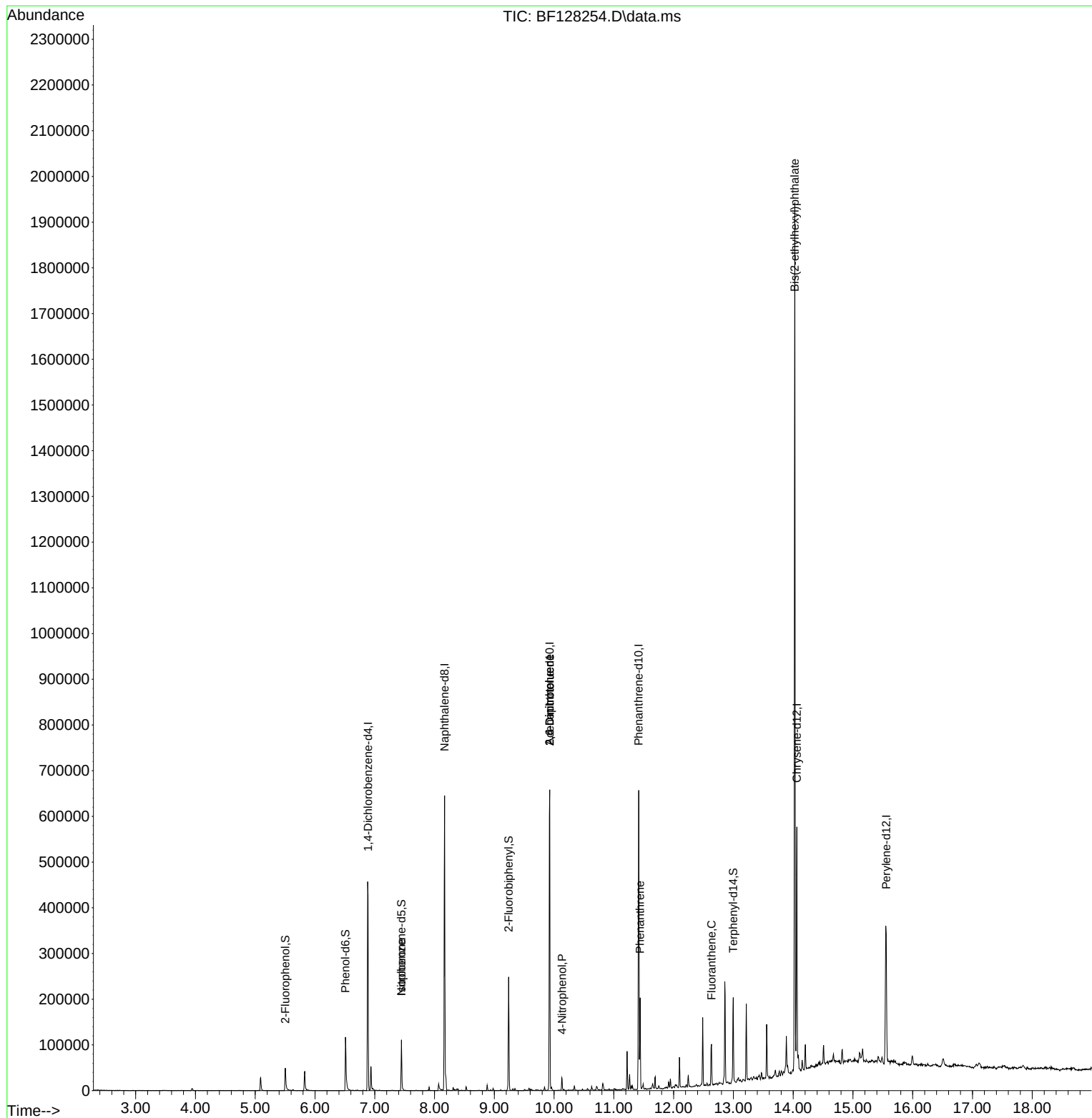
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	64061	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	246118	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	137522	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	219610	20.000	ng	0.00
76) Chrysene-d12	14.063	240	168495	20.000	ng	0.00
86) Perylene-d12	15.557	264	135517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	16680	4.151	ng	0.00
7) Phenol-d6	6.510	99	41386	7.786	ng	-0.02
23) Nitrobenzene-d5	7.445	82	33717	6.164	ng	-0.02
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.239	172	65162	7.414	ng	-0.01
79) Terphenyl-d14	12.998	244	59570	6.634	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.445	82	33716	3.932	ng	# 68
51) 2,6-Dinitrotoluene	9.927	165	17919	9.205	ng	# 22
56) 4-Nitrophenol	10.133	139	4128	2.799	ng	# 1
57) 2,4-Dinitrotoluene	9.927	165	17919	6.884	ng	# 26
71) Phenanthrene	11.439	178	62029	5.672	ng	98
75) Fluoranthene	12.633	202	34835	2.938	ng	96
84) Bis(2-ethylhexyl)phtha...	14.027	149	452328	65.911	ng	99

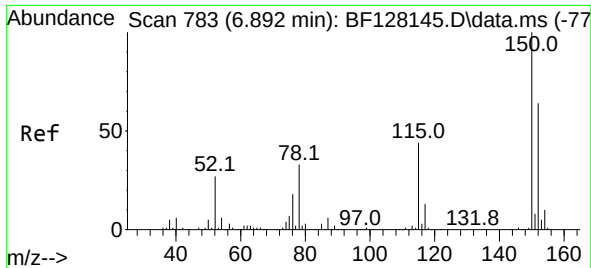
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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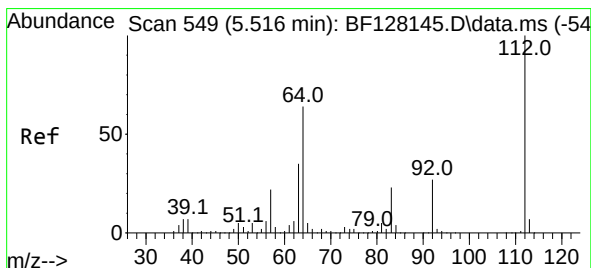
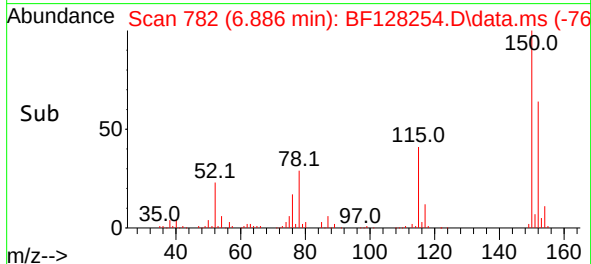
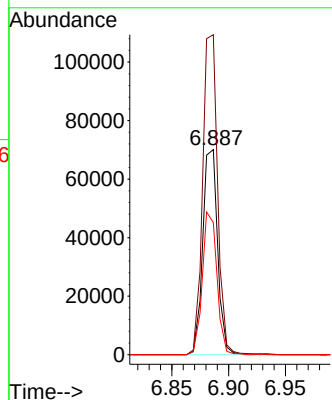
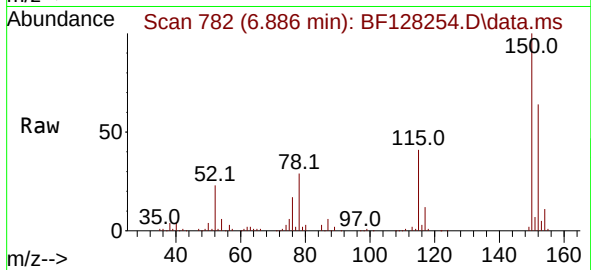




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128254.D
 Acq: 13 May 2022 22:33

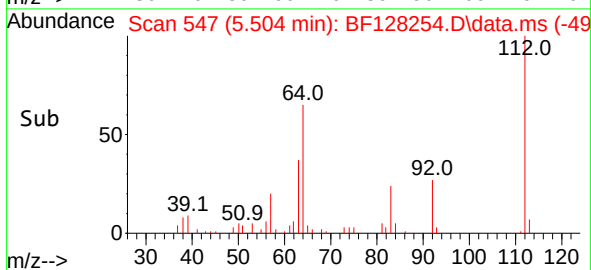
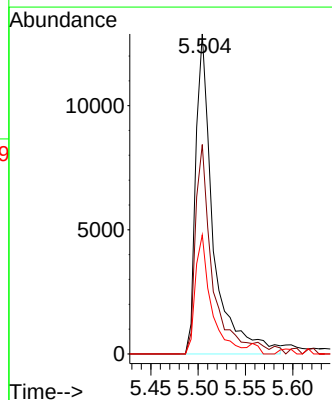
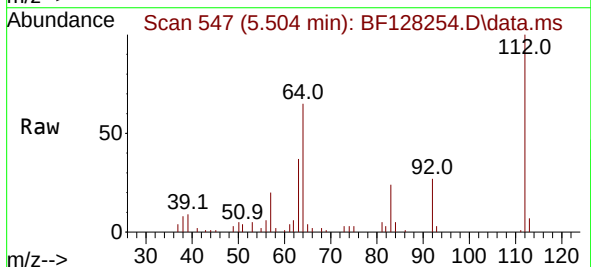
Instrument :
 BNA_F
 ClientSampleId :
 SC-4DL

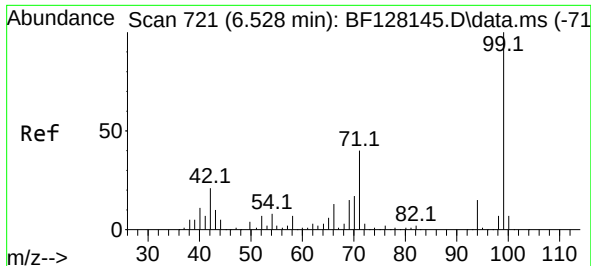
Tgt Ion:152 Resp: 64061
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.3 187.9
 115 64.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 4.151 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.006 min
 Lab File: BF128254.D
 Acq: 13 May 2022 22:33

Tgt Ion:112 Resp: 16680
 Ion Ratio Lower Upper
 112 100
 64 65.5 49.5 74.3
 63 37.2 26.3 39.5

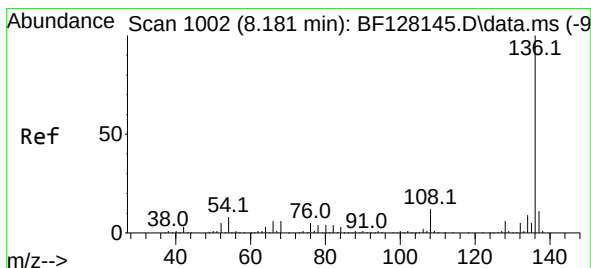
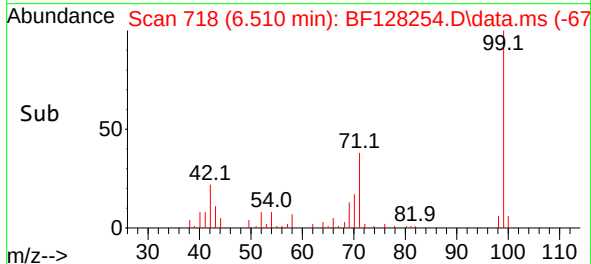
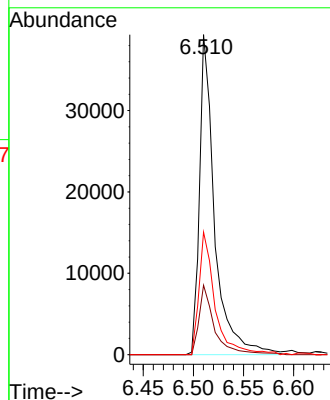
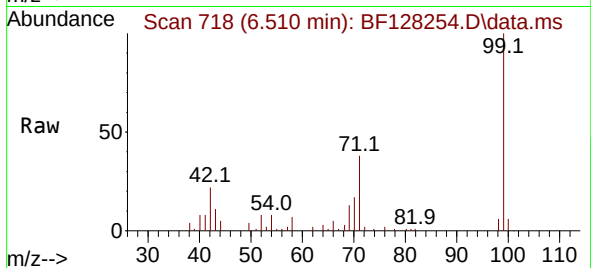




#7
Phenol-d6
Concen: 7.786 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

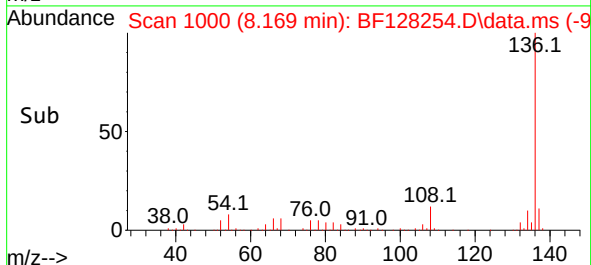
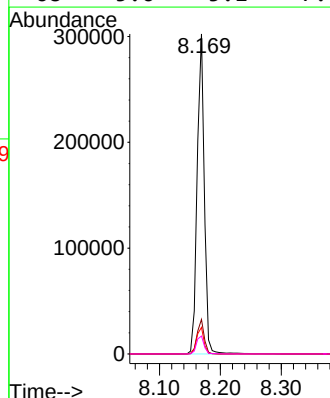
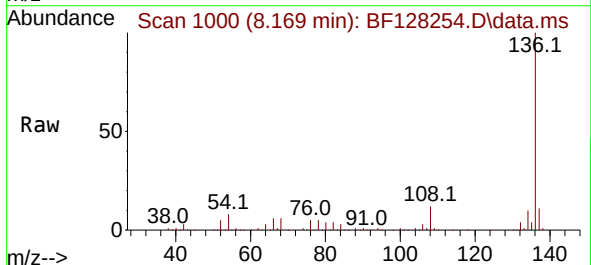
Instrument :
BNA_F
ClientSampleId :
SC-4DL

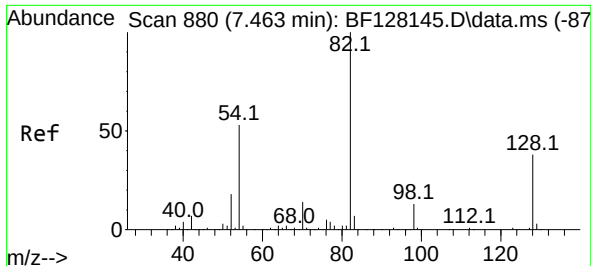
Tgt Ion: 99 Resp: 41386
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

Tgt Ion: 136 Resp: 246118
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 6.8 10.2
68 5.6 5.1 7.7

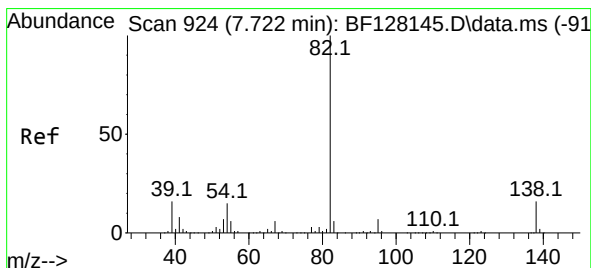
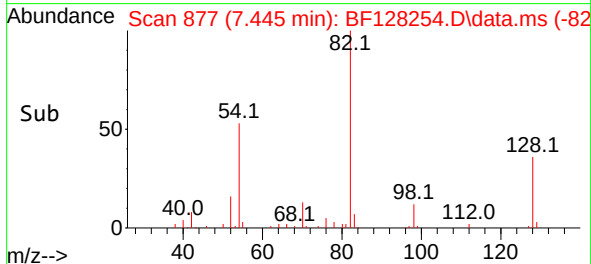
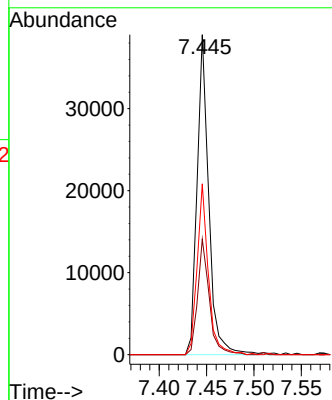
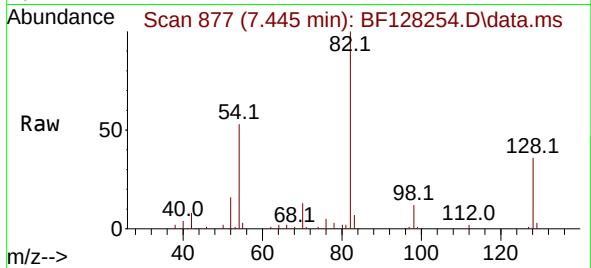




#23
Nitrobenzene-d5
Concen: 6.164 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

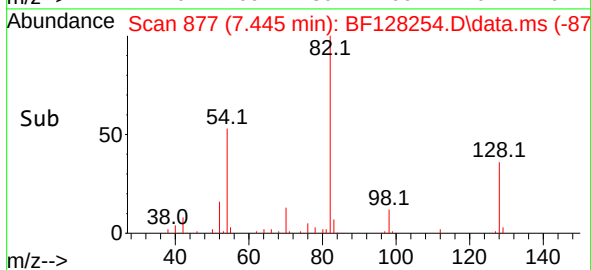
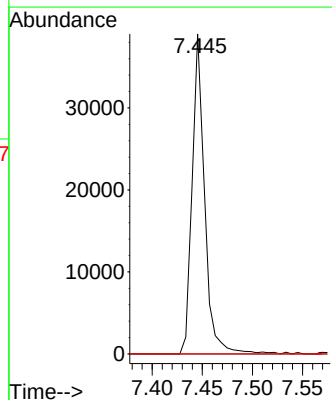
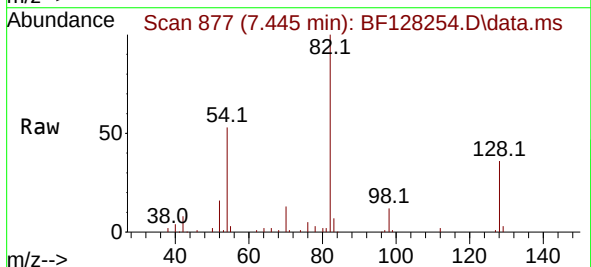
Instrument :
BNA_F
ClientSampleId :
SC-4DL

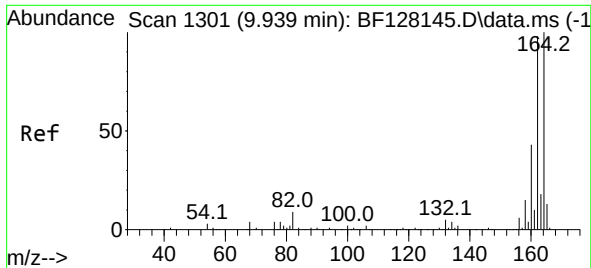
Tgt Ion: 82 Resp: 33717
Ion Ratio Lower Upper
82 100
128 36.1 30.0 45.0
54 53.4 41.3 61.9



#25
Isophorone
Concen: 3.932 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.271 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

Tgt Ion: 82 Resp: 33716
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: BF128254.D

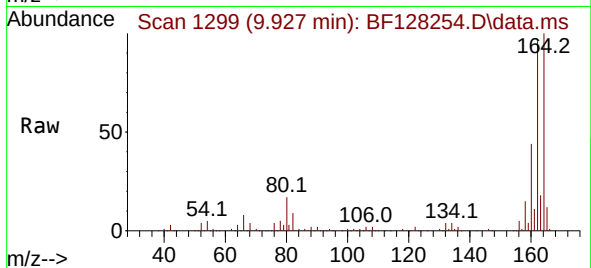
Acq: 13 May 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SC-4DL



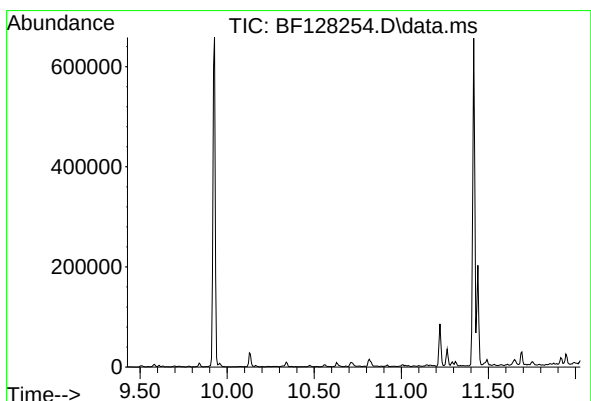
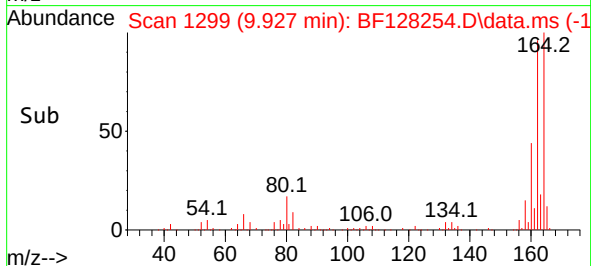
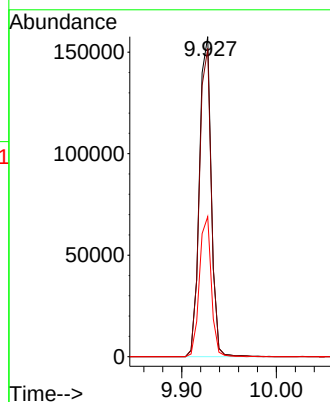
Tgt Ion:164 Resp: 137522

Ion Ratio Lower Upper

164 100

162 96.3 76.0 114.0

160 43.7 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.73 min

Lab File: BF128254.D

Acq: 13 May 2022 22:33

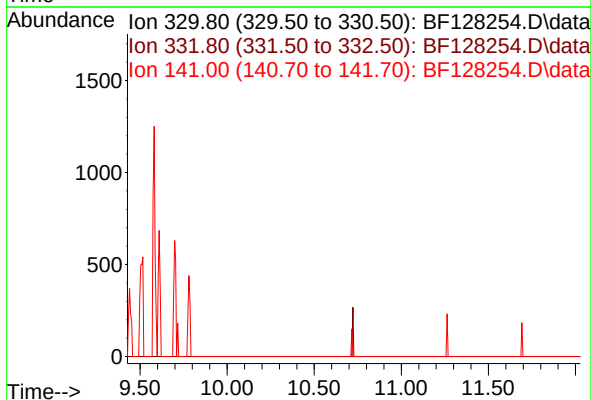
Tgt Ion: 330

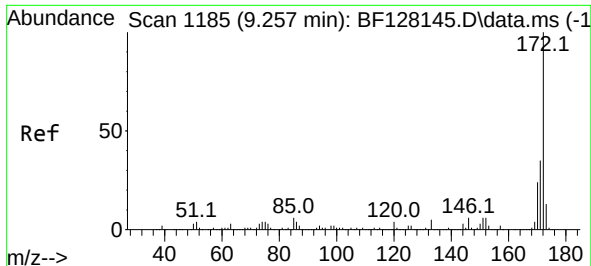
Sig Exp Ratio

330 100

332 98.7

141 36.1





#45

2-Fluorobiphenyl

Concen: 7.414 ng

RT: 9.239 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF128254.D

Acq: 13 May 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SC-4DL

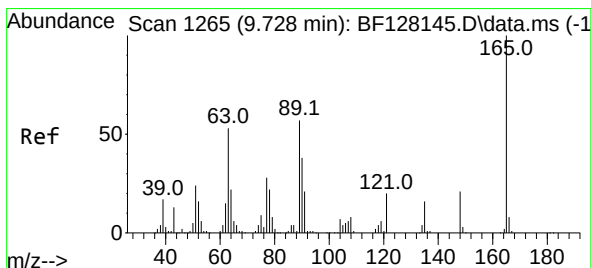
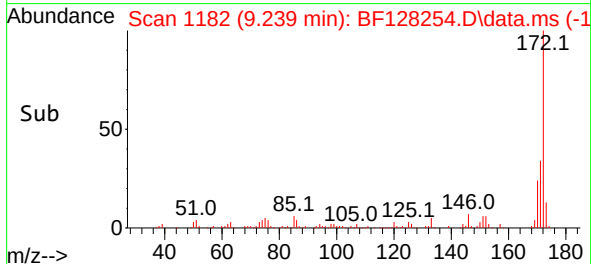
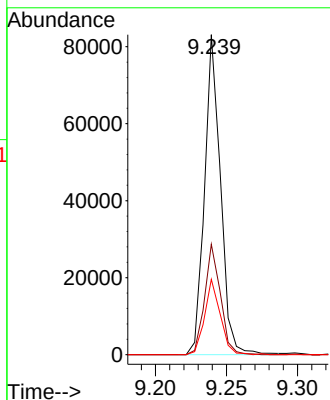
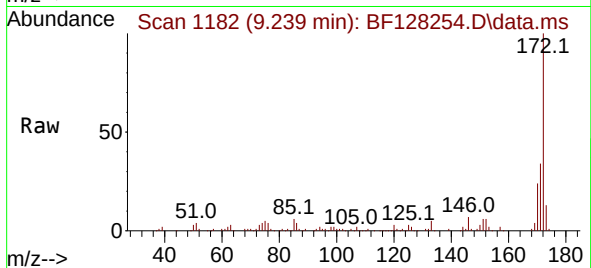
Tgt Ion:172 Resp: 65162

Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.5 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.205 ng

RT: 9.927 min Scan# 1299

Delta R.T. 0.206 min

Lab File: BF128254.D

Acq: 13 May 2022 22:33

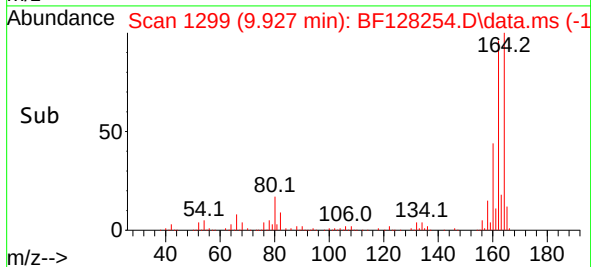
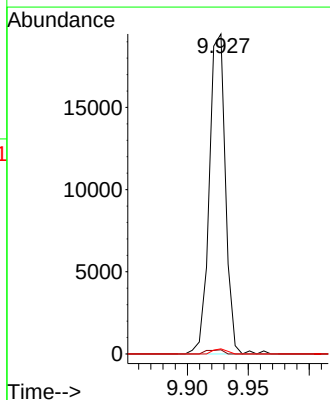
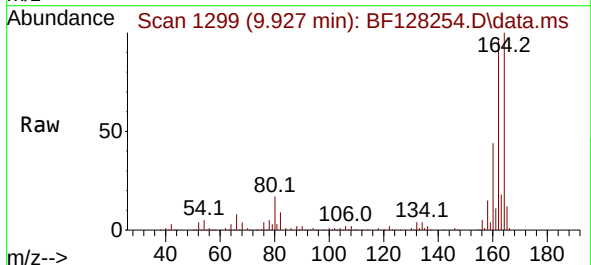
Tgt Ion:165 Resp: 17919

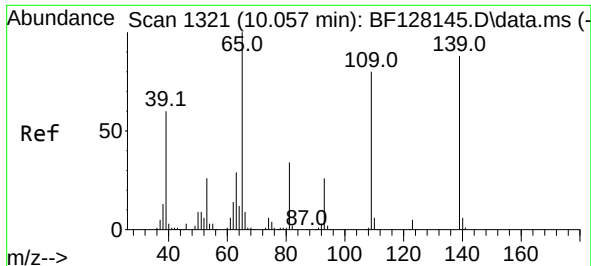
Ion Ratio Lower Upper

165 100

63 1.3 49.5 74.3#

89 1.6 49.0 73.4#

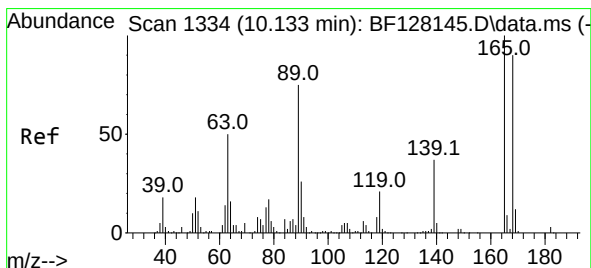
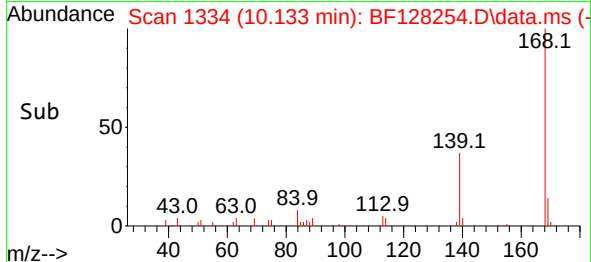
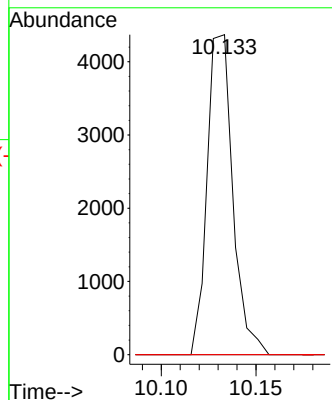
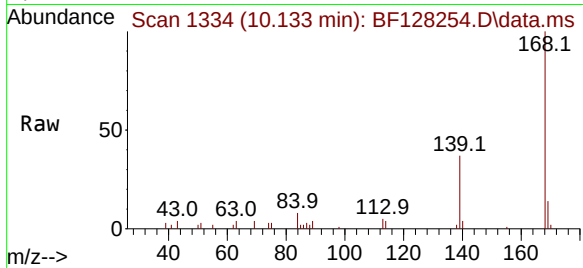




#56
4-Nitrophenol
Concen: 2.799 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.076 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

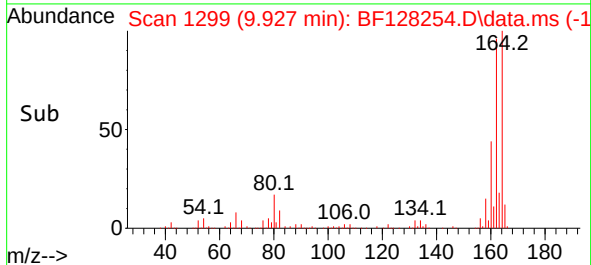
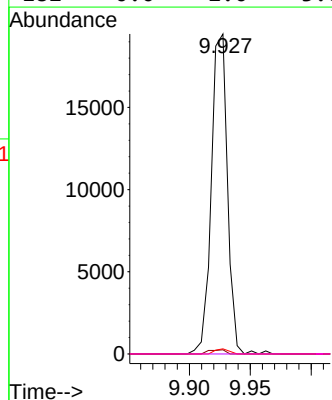
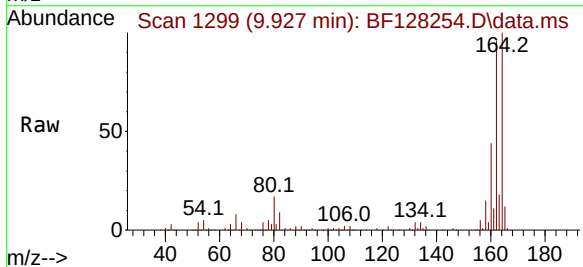
Instrument :
BNA_F
ClientSampleId :
SC-4DL

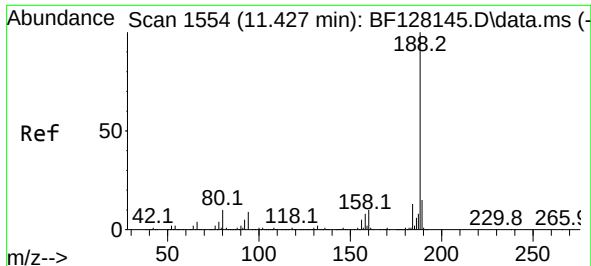
Tgt Ion:139 Resp: 4128
Ion Ratio Lower Upper
139 100
109 0.0 61.9 101.9#
65 0.0 93.5 133.5#



#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

Tgt Ion:165 Resp: 17919
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

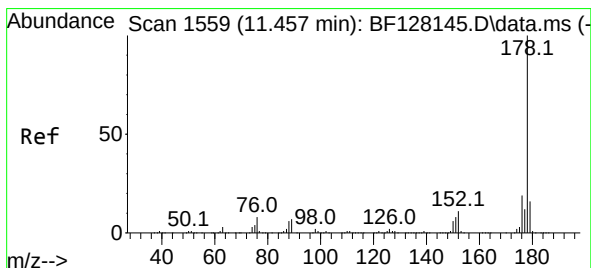
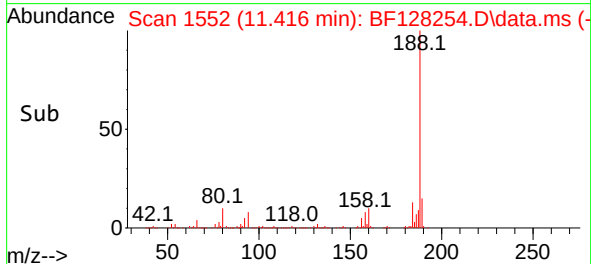
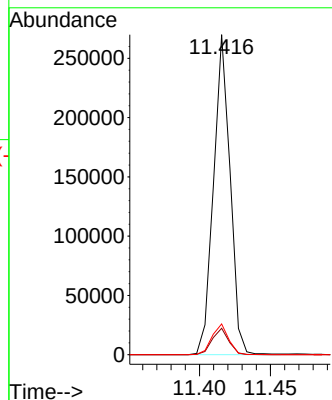
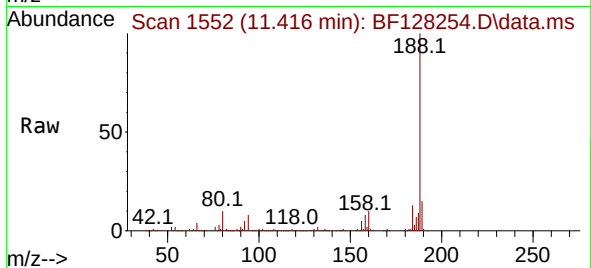




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

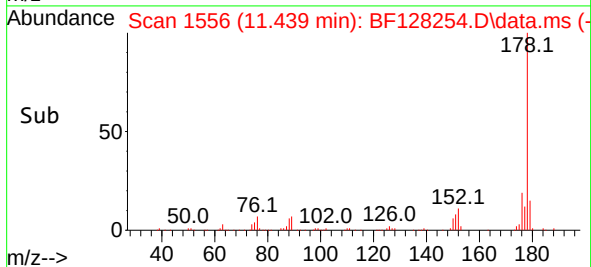
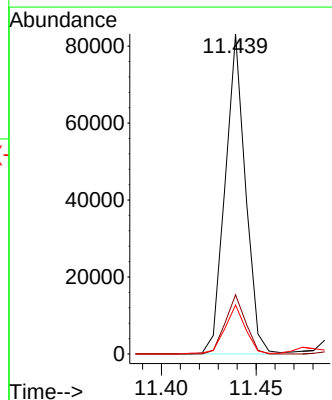
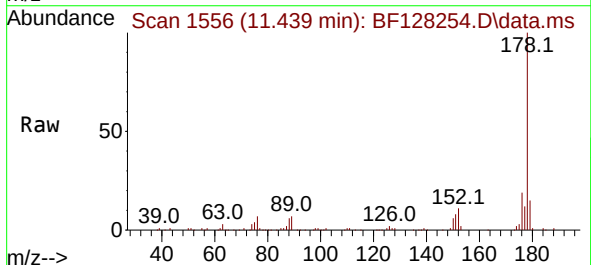
Instrument :
BNA_F
ClientSampleId :
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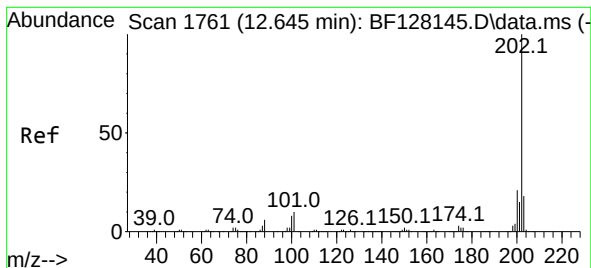
Tgt Ion:188 Resp: 219610
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.6 8.9 13.3



#71
Phenanthrene
Concen: 5.672 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.012 min
Lab File: BF128254.D
Acq: 13 May 2022 22:33

Tgt Ion:178 Resp: 62029
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.3 12.6 19.0





#75

Fluoranthene

Concen: 2.938 ng

RT: 12.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128254.D

Acq: 13 May 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SC-4DL

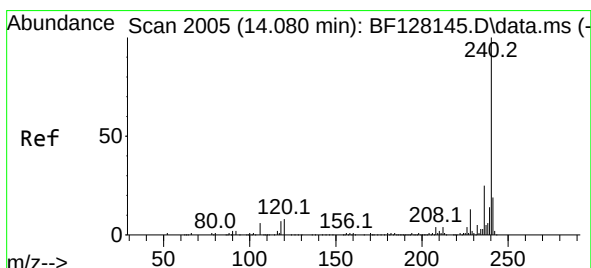
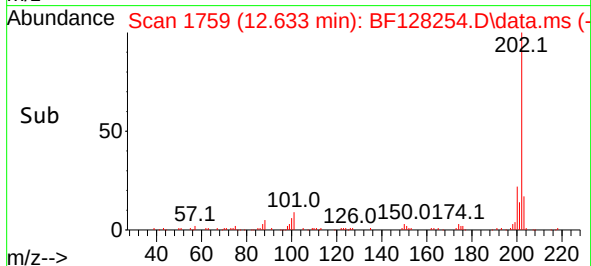
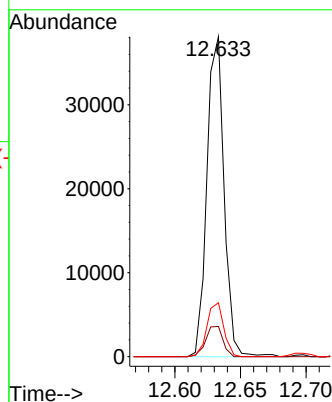
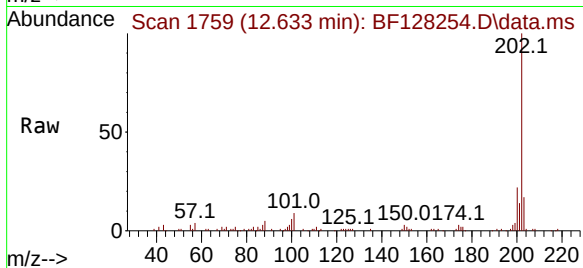
Tgt Ion:202 Resp: 34835

Ion Ratio Lower Upper

202 100

101 9.4 0.0 31.6

203 16.8 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF128254.D

Acq: 13 May 2022 22:33

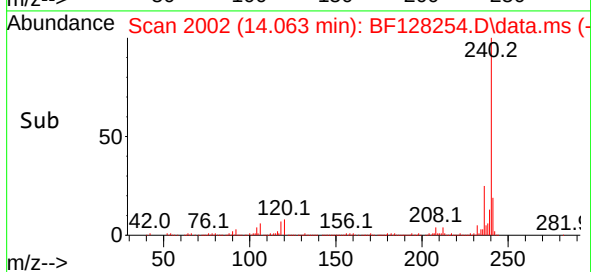
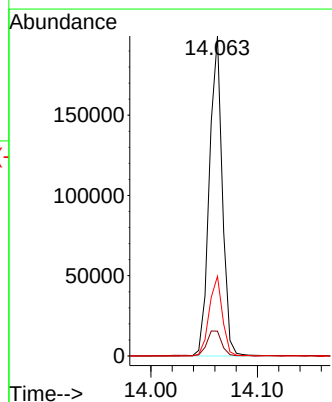
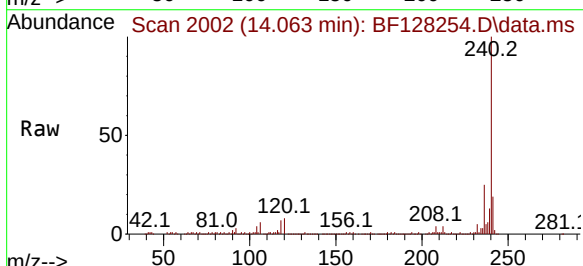
Tgt Ion:240 Resp: 168495

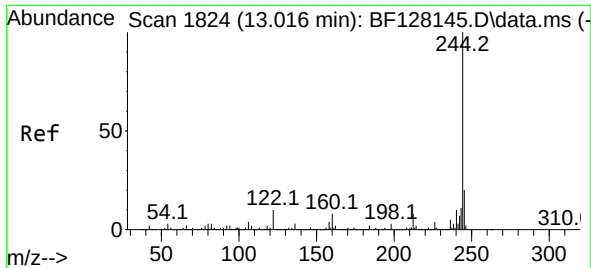
Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

236 24.9 20.3 30.5

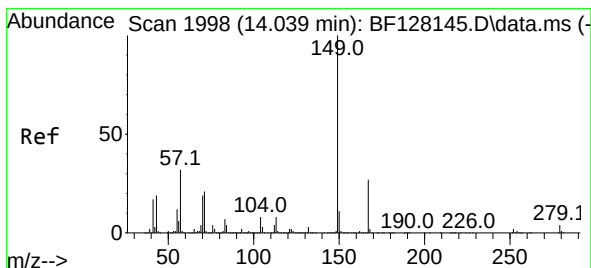
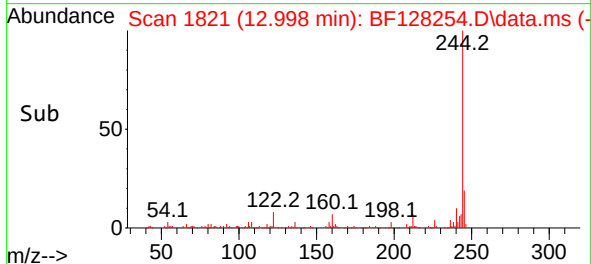
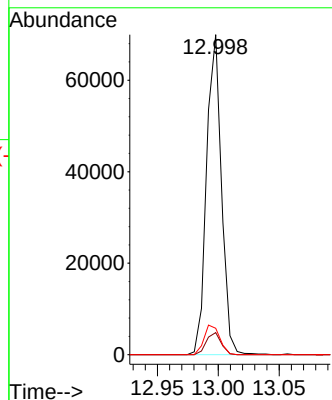
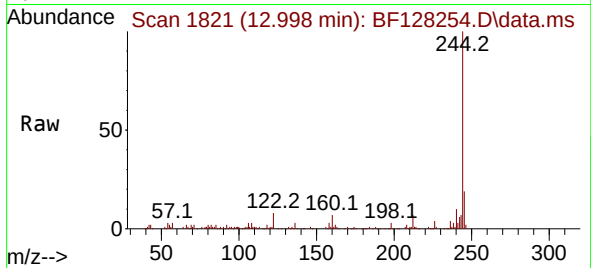




#79
 Terphenyl-d14
 Concen: 6.634 ng
 RT: 12.998 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF128254.D
 Acq: 13 May 2022 22:33

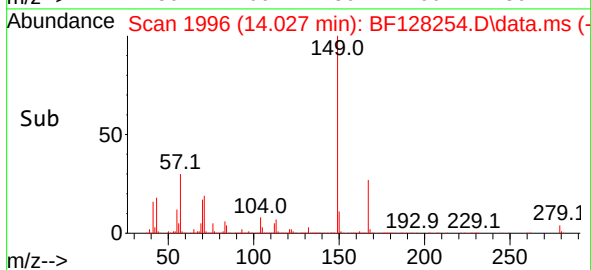
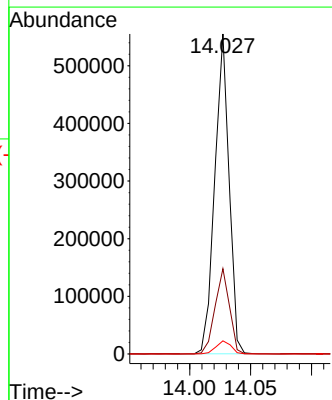
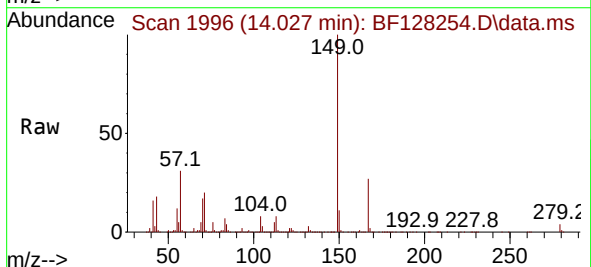
Instrument :
 BNA_F
 ClientSampleId :
 SC-4DL

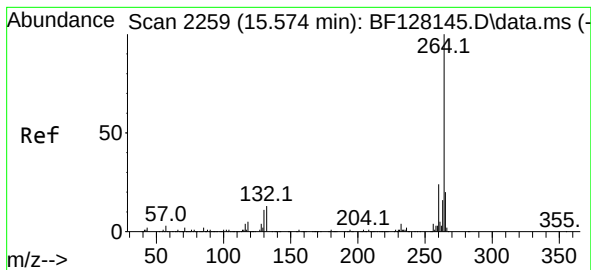
Tgt Ion:244 Resp: 59570
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 8.3 8.6 12.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 65.911 ng
 RT: 14.027 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: BF128254.D
 Acq: 13 May 2022 22:33

Tgt Ion:149 Resp: 452328
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.0 33.0
 279 4.1 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128254.D

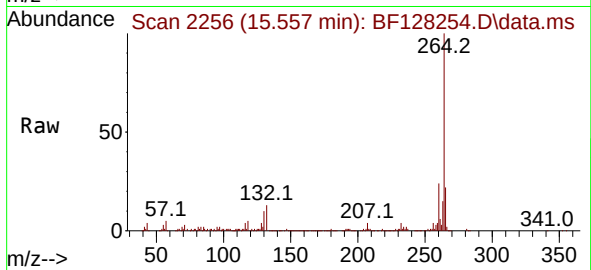
Acq: 13 May 2022 22:33

Instrument :

BNA_F

ClientSampleId :

SC-4DL



Tgt Ion:264 Resp: 135517

Ion Ratio Lower Upper

264 100

260 23.7 20.1 30.1

265 21.7 17.5 26.3

