

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128255.D
 Acq On : 13 May 2022 23:03
 Operator : CG\JU
 Sample : N2823-05DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-5DL

Quant Time: May 14 00:57:53 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)

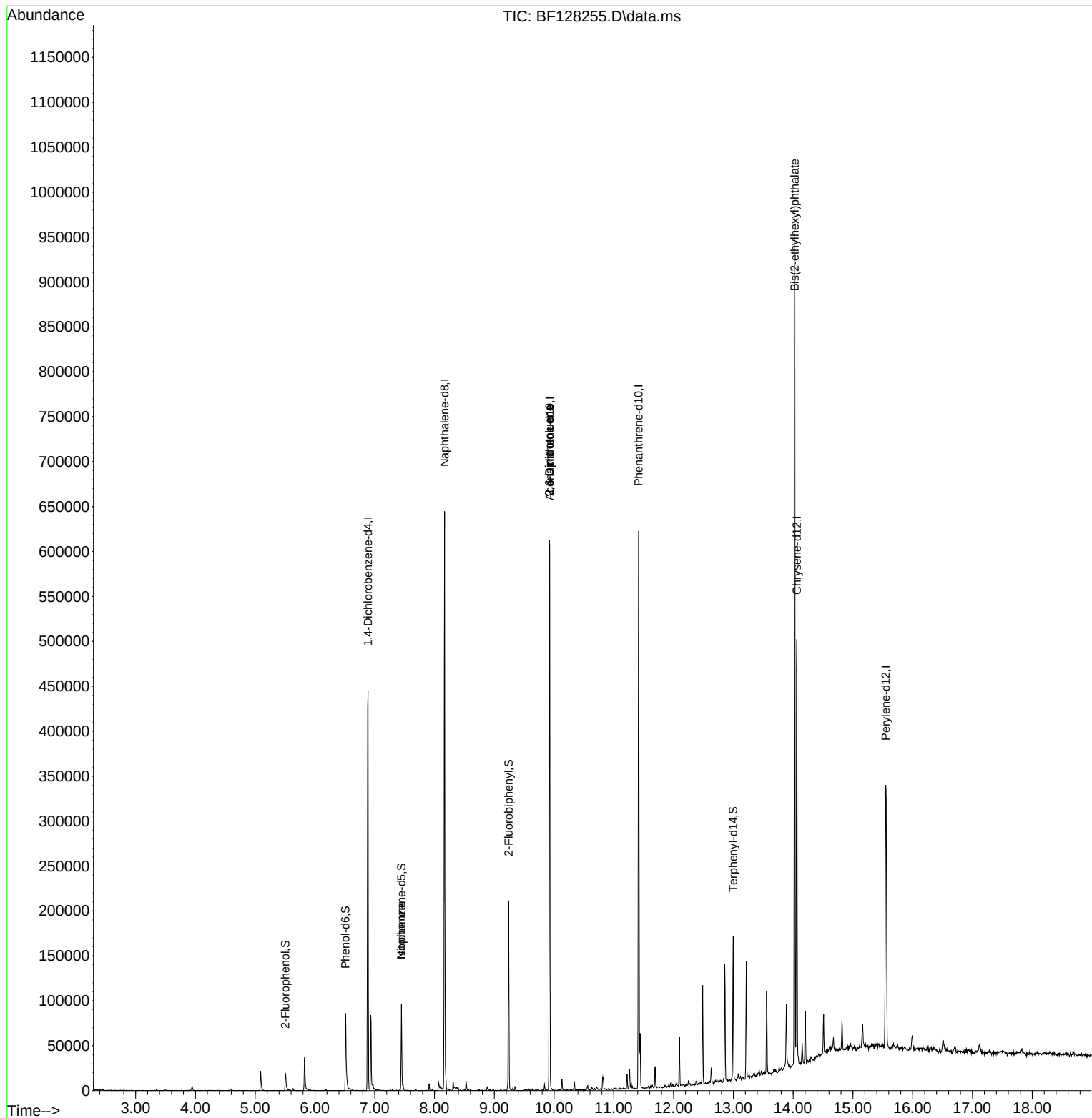
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	62671	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	242405	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	130495	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	205202	20.000	ng	0.00
76) Chrysene-d12	14.063	240	165362	20.000	ng	0.00
86) Perylene-d12	15.551	264	135938	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	7934	2.018	ng	0.00
7) Phenol-d6	6.510	99	32892	6.326	ng	-0.02
23) Nitrobenzene-d5	7.445	82	28870	5.359	ng	-0.02
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.239	172	54497	6.534	ng	-0.01
79) Terphenyl-d14	12.998	244	49033	5.564	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.445	82	28870	3.418	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	16963	9.183	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	16963	6.867	ng	# 26
84) Bis(2-ethylhexyl)phtha...	14.027	149	252919	37.552	ng	98

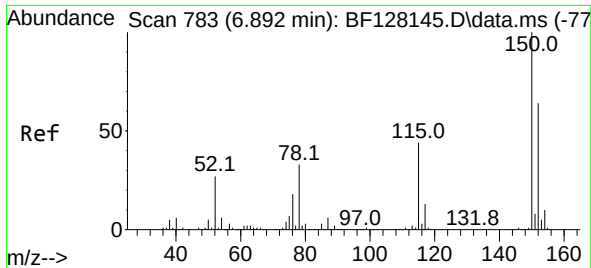
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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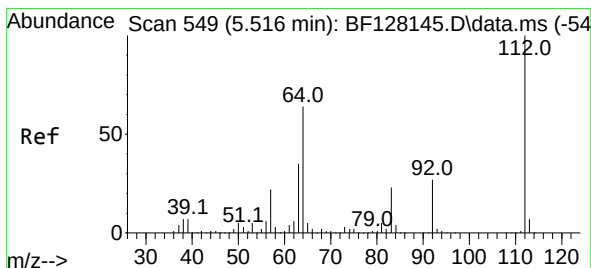
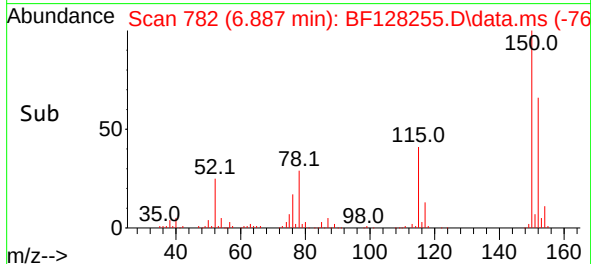
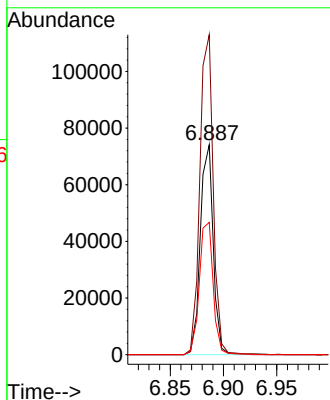
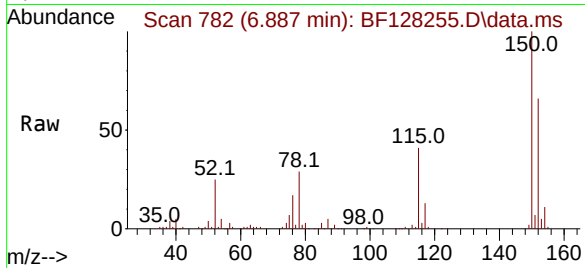




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

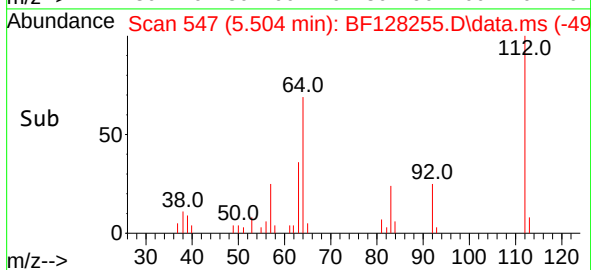
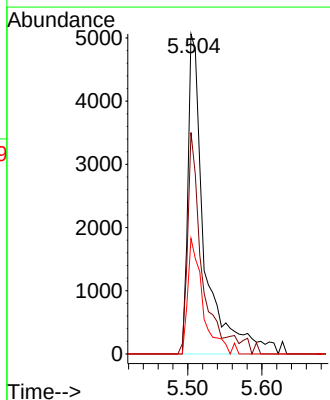
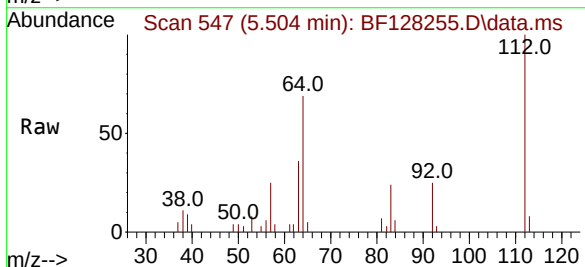
Instrument :
BNA_F
ClientSampleId :
SC-5DL

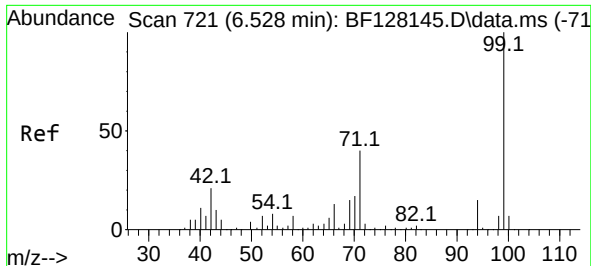
Tgt Ion:152 Resp: 62671
Ion Ratio Lower Upper
152 100
150 152.5 125.3 187.9
115 63.0 48.8 73.2



#5
2-Fluorophenol
Concen: 2.018 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

Tgt Ion:112 Resp: 7934
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 36.1 26.3 39.5

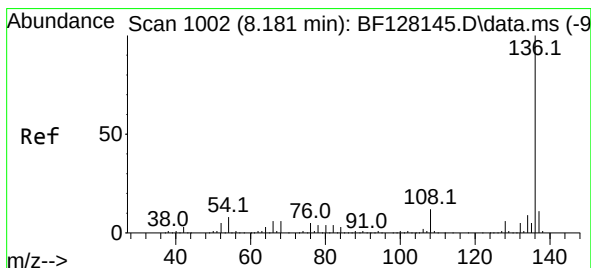
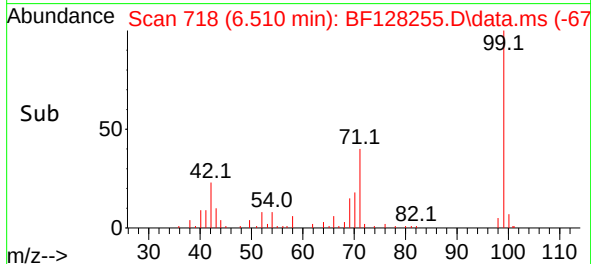
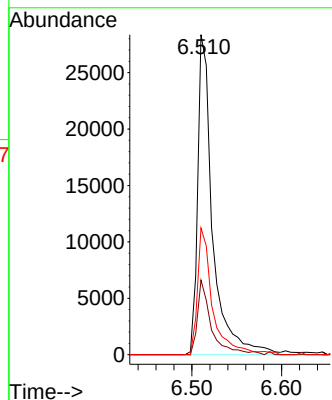
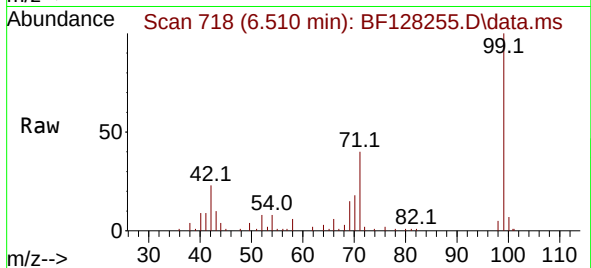




#7
Phenol-d6
Concen: 6.326 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

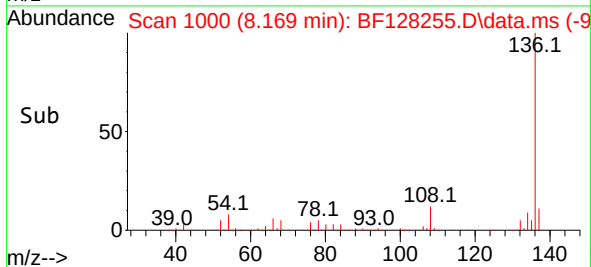
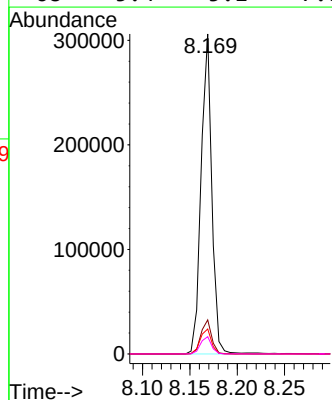
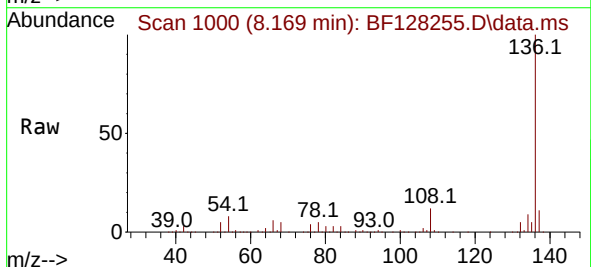
Instrument :
BNA_F
ClientSampleId :
SC-5DL

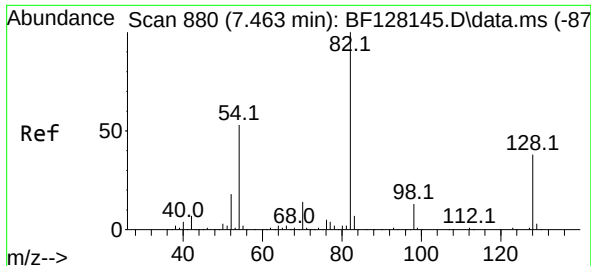
Tgt Ion: 99 Resp: 32892
Ion Ratio Lower Upper
99 100
42 23.3 16.6 24.8
71 39.6 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

Tgt Ion: 136 Resp: 242405
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.8 6.8 10.2
68 5.4 5.1 7.7

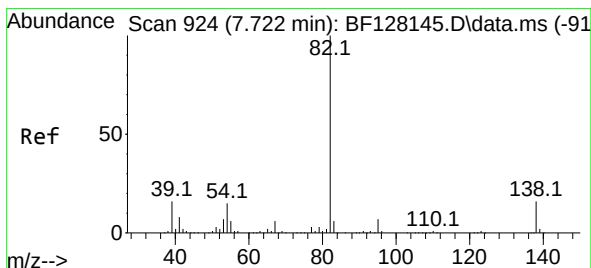
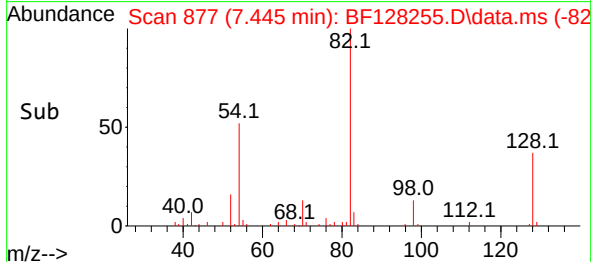
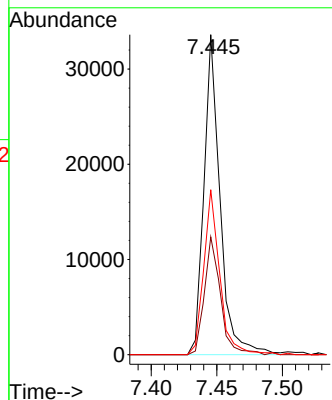
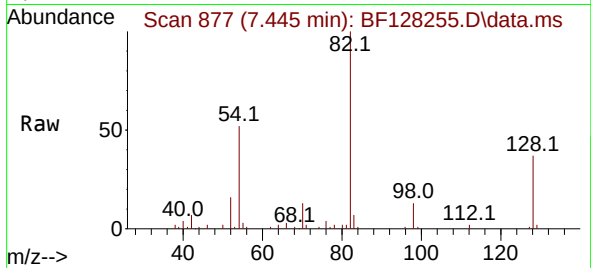




#23
Nitrobenzene-d5
Concen: 5.359 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

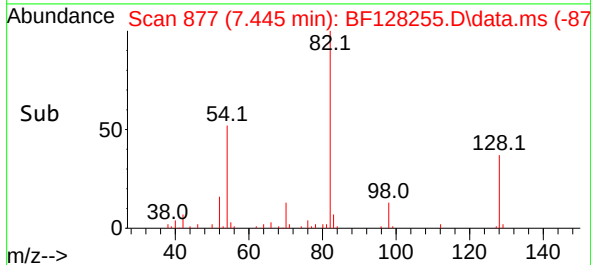
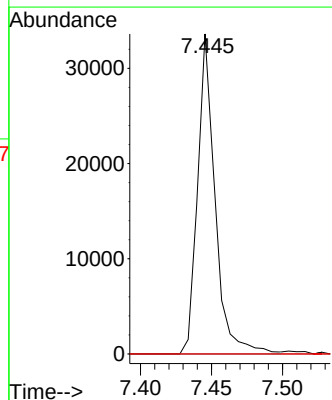
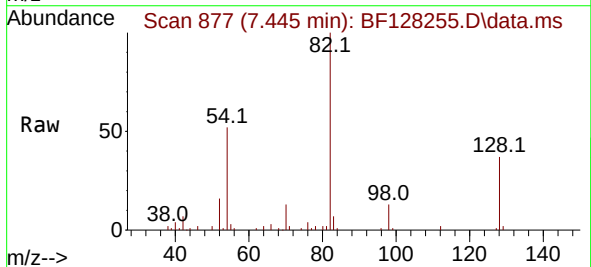
Instrument :
BNA_F
ClientSampleId :
SC-5DL

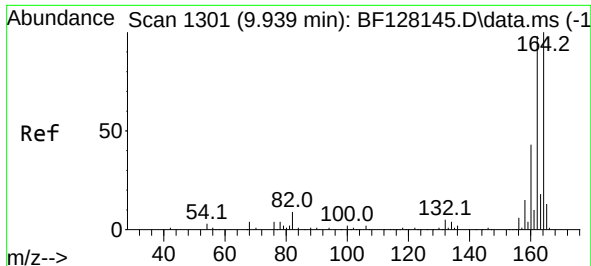
Tgt Ion: 82 Resp: 28870
Ion Ratio Lower Upper
82 100
128 36.8 30.0 45.0
54 51.6 41.3 61.9



#25
Isophorone
Concen: 3.418 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.271 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

Tgt Ion: 82 Resp: 28870
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# 1

Delta R.T. -0.006 min

Lab File: BF128255.D

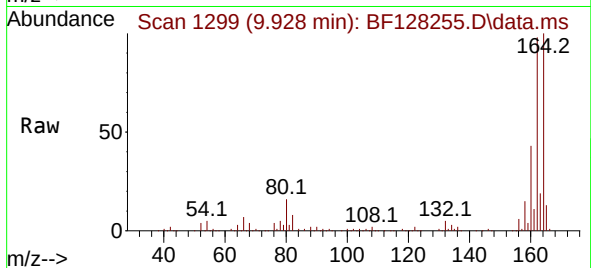
Acq: 13 May 2022 23:03

Instrument :

BNA_F

ClientSampleId :

SC-5DL



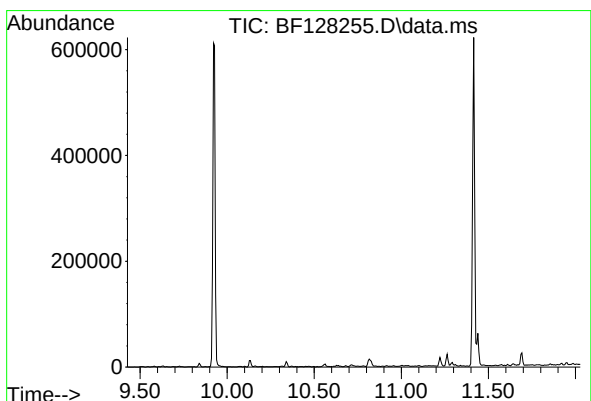
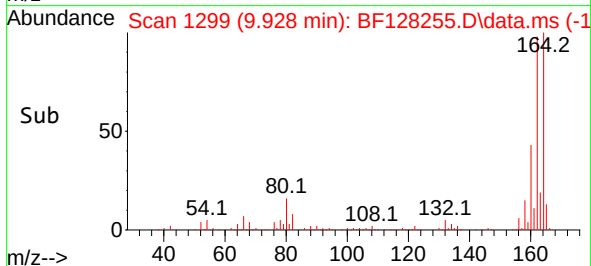
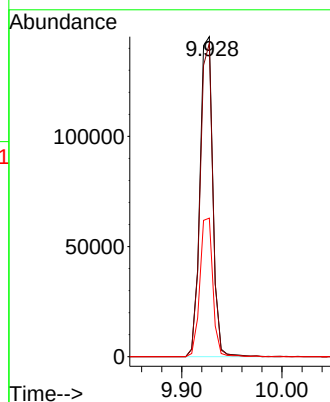
Tgt Ion:164 Resp: 130495

Ion Ratio Lower Upper

164 100

162 97.8 76.0 114.0

160 43.3 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.73 min

Lab File: BF128255.D

Acq: 13 May 2022 23:03

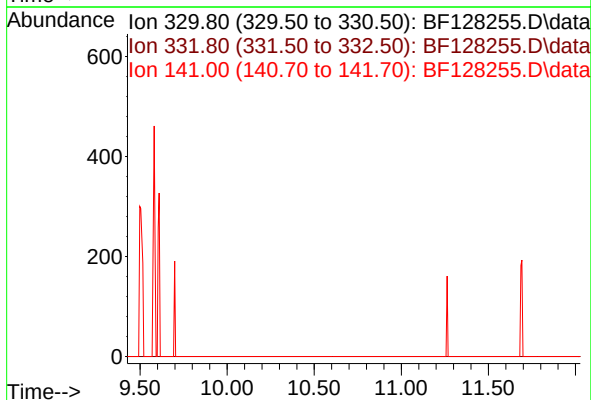
Tgt Ion: 330

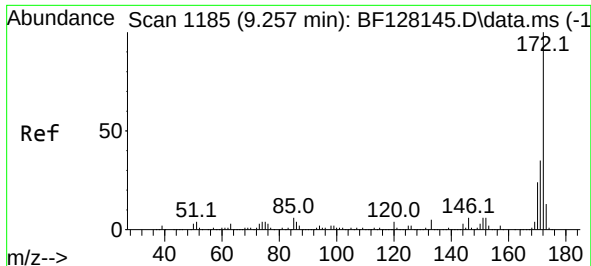
Sig Exp Ratio

330 100

332 98.7

141 36.1





#45

2-Fluorobiphenyl

Concen: 6.534 ng

RT: 9.239 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF128255.D

Acq: 13 May 2022 23:03

Instrument :

BNA_F

ClientSampleId :

SC-5DL

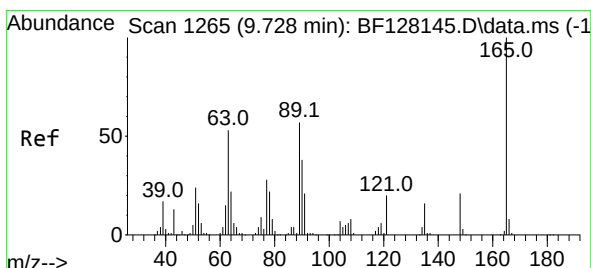
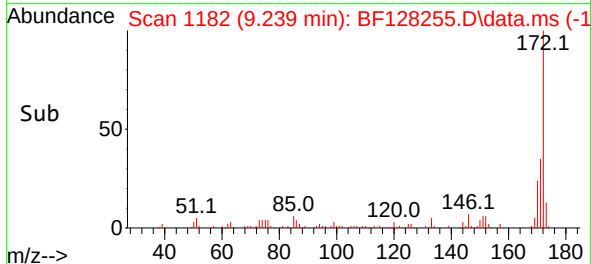
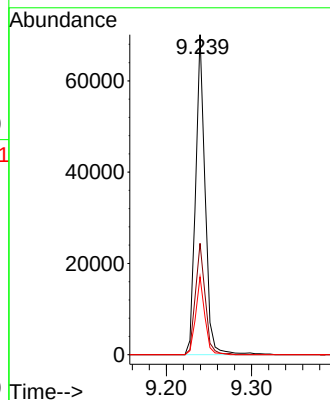
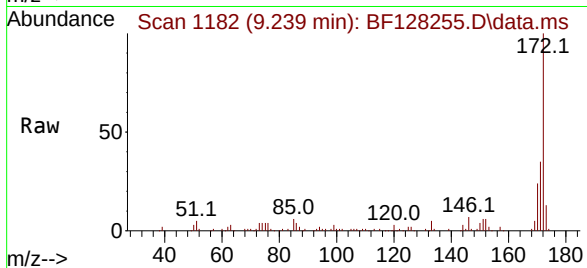
Tgt Ion:172 Resp: 54497

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 24.3 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.183 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.200 min

Lab File: BF128255.D

Acq: 13 May 2022 23:03

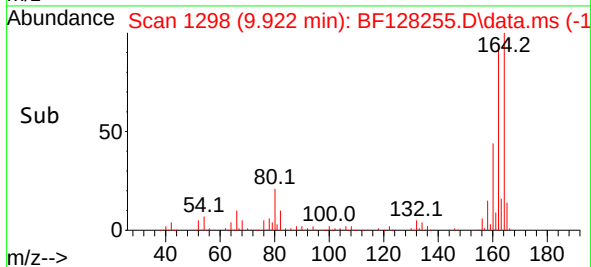
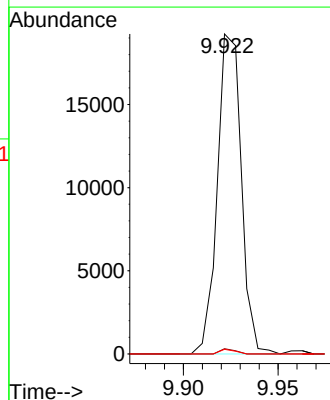
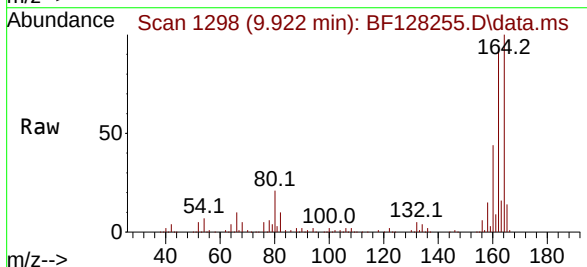
Tgt Ion:165 Resp: 16963

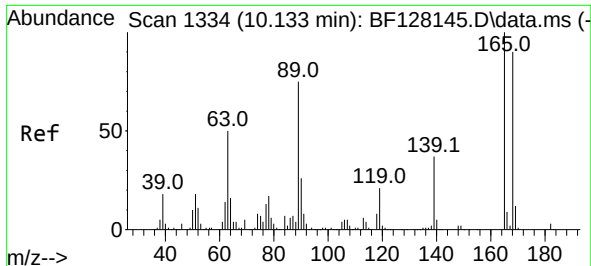
Ion Ratio Lower Upper

165 100

63 1.7 49.5 74.3#

89 1.4 49.0 73.4#

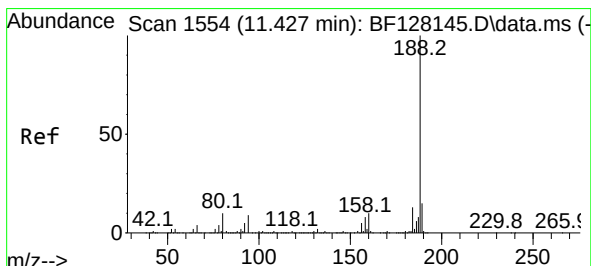
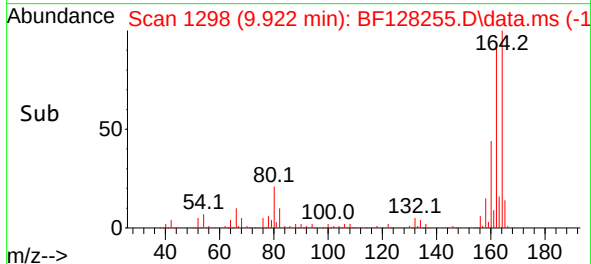
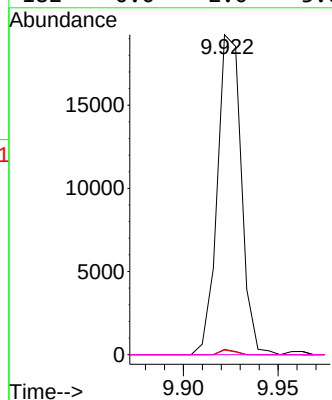
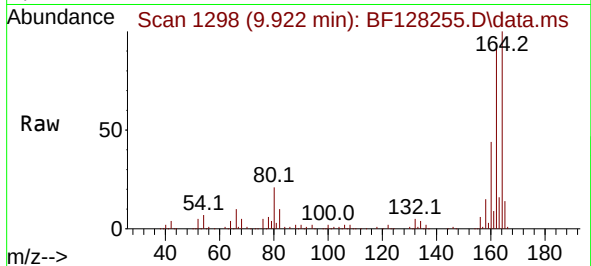




#57
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

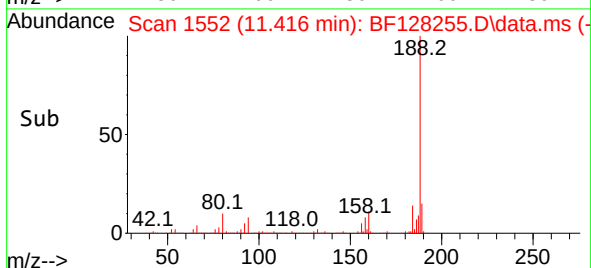
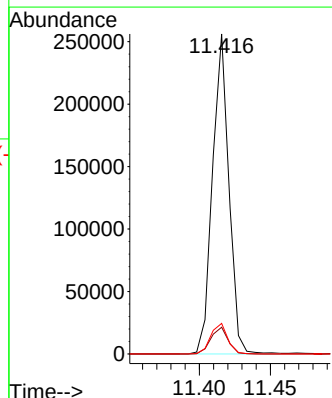
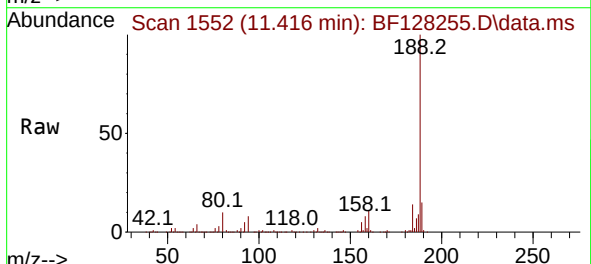
Instrument :
BNA_F
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SC-5DL

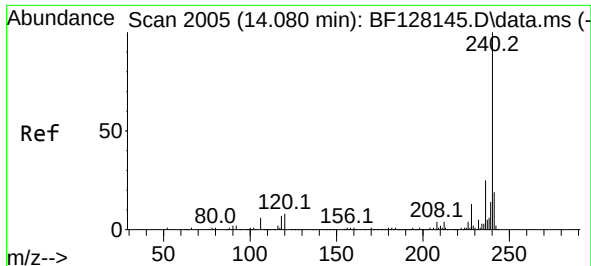
Tgt Ion:165 Resp: 16963
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

Tgt Ion:188 Resp: 205202
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 9.5 8.9 13.3

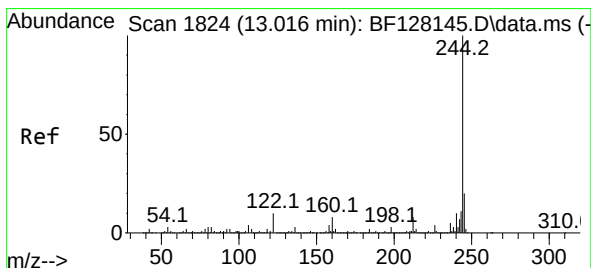
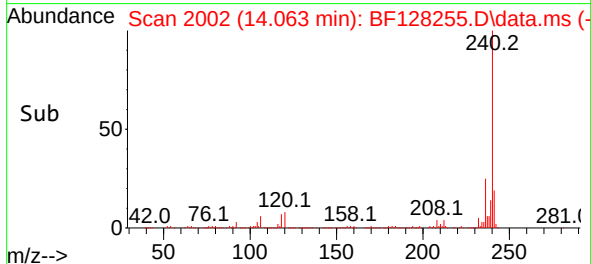
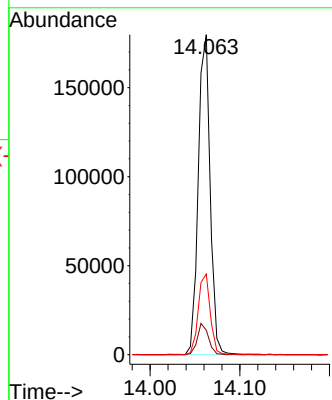
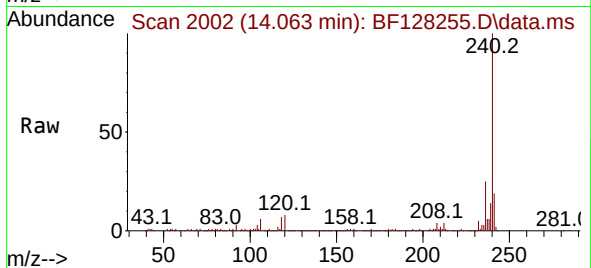




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

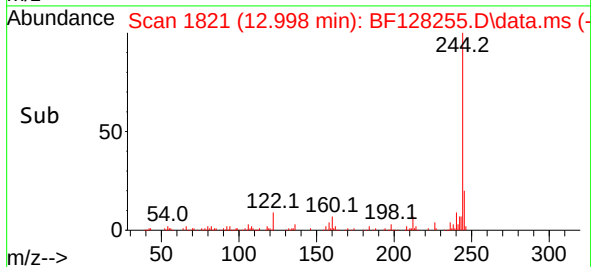
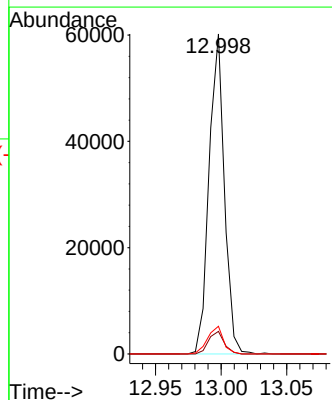
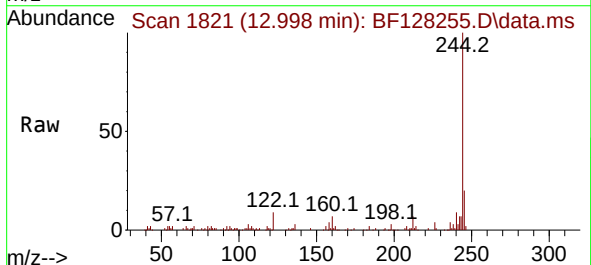
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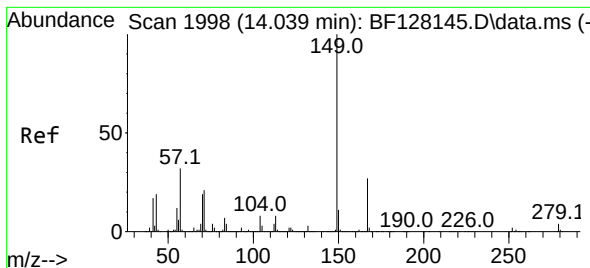
Tgt Ion:240 Resp: 165362
Ion Ratio Lower Upper
240 100
120 7.6 7.0 10.6
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 5.564 ng
RT: 12.998 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

Tgt Ion:244 Resp: 49033
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.4
122 8.7 8.6 12.8

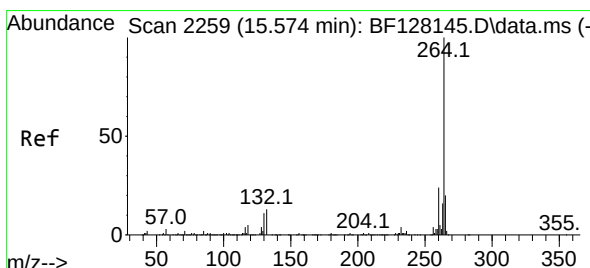
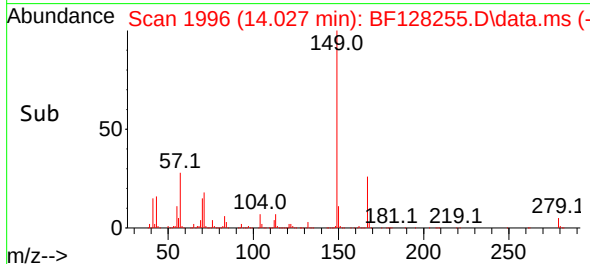
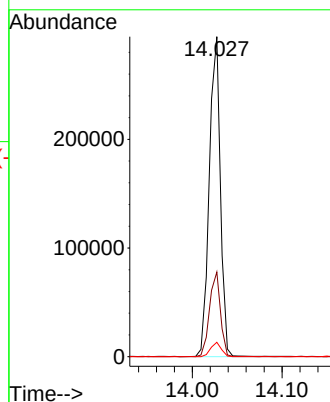
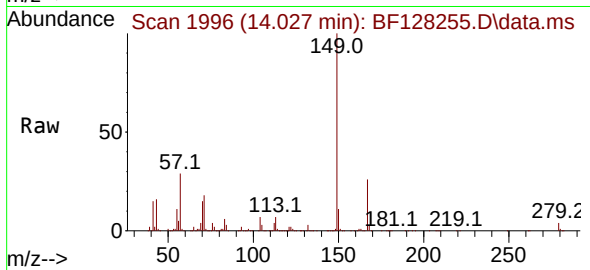




#84
Bis(2-ethylhexyl)phthalate
Concen: 37.552 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

Instrument :
BNA_F
ClientSampleId :
SC-5DL

Tgt Ion:149 Resp: 252919
Ion Ratio Lower Upper
149 100
167 26.5 22.0 33.0
279 4.5 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. -0.012 min
Lab File: BF128255.D
Acq: 13 May 2022 23:03

Tgt Ion:264 Resp: 135938
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 21.4 17.5 26.3

