

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128965.D
 Acq On : 23 Jun 2022 21:35
 Operator : CG\JU
 Sample : N3462-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-0-2-20220622

Quant Time: Jun 24 04:35:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

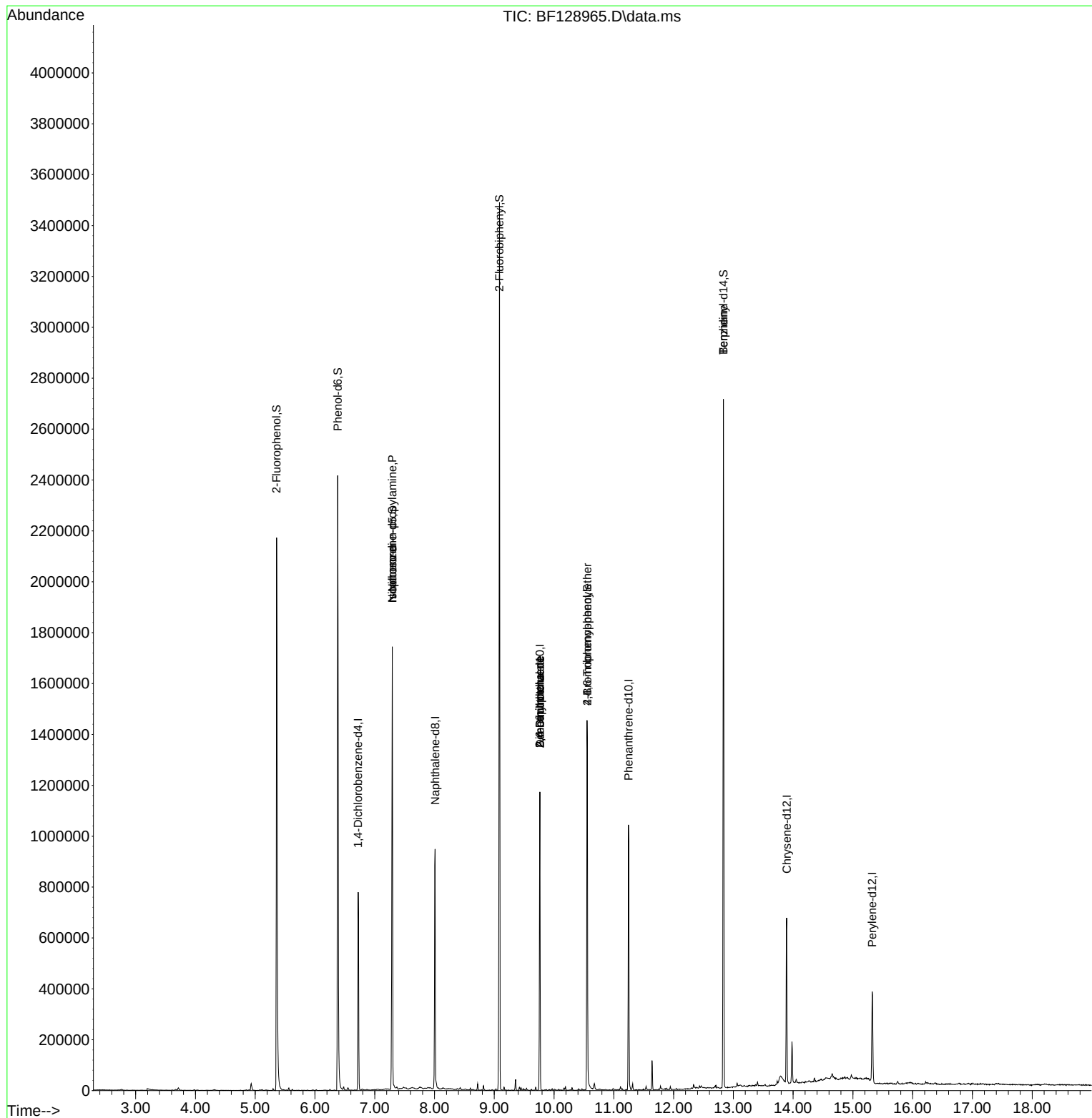
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	106501	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	402225	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	222894	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	393840	20.000	ng	0.00
76) Chrysene-d12	13.892	240	224375	20.000	ng	# 0.00
86) Perylene-d12	15.321	264	165748	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	548372	82.015	ng	0.00
7) Phenol-d6	6.381	99	723041	88.589	ng	0.00
23) Nitrobenzene-d5	7.293	82	518290	59.993	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	176147	66.884	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	963672	60.563	ng	0.00
79) Terphenyl-d14	12.833	244	895790	69.373	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.293	70	72457	14.278	ng	# 80
25) Isophorone	7.293	82	507147	38.652	ng	# 65
50) Dimethylphthalate	9.763	163	40676	2.666	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	28871	9.588	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	28871	7.184	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	11263	2.564	ng	# 1
77) Benzidine	12.833	184	13141	2.938	ng	# 91

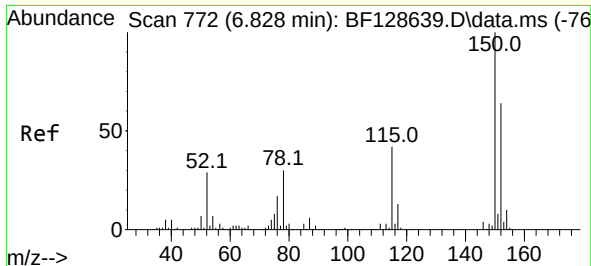
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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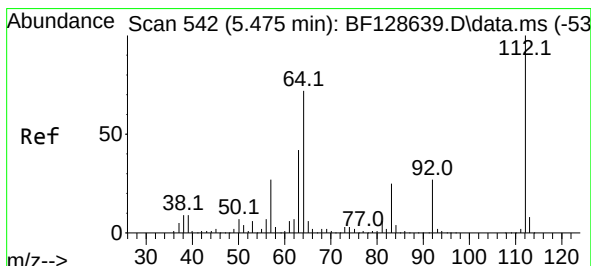
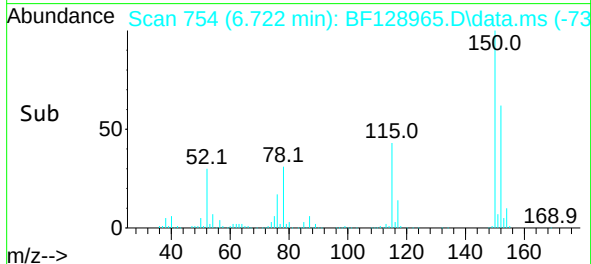
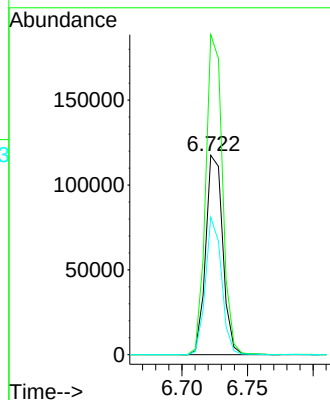
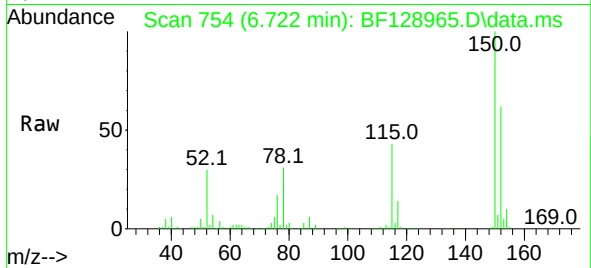




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

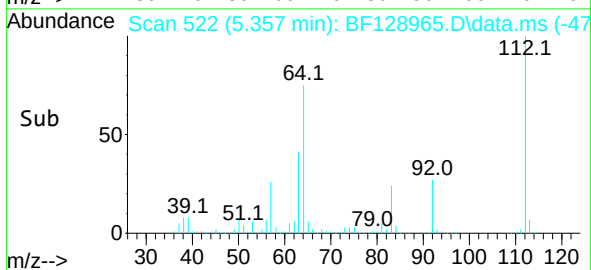
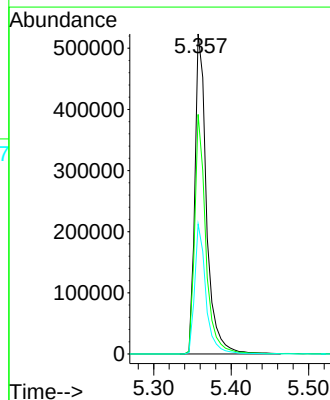
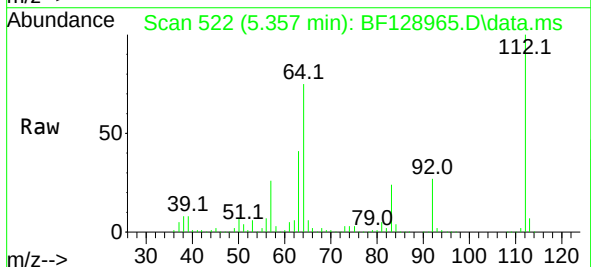
Instrument :
BNA_F
ClientSampleId :
SB-8-0-2-20220622

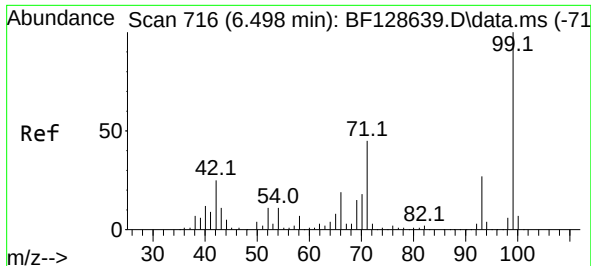
Tgt Ion:152 Resp: 106501
Ion Ratio Lower Upper
152 100
150 160.6 123.7 185.5
115 69.0 49.9 74.9



#5
2-Fluorophenol
Concen: 82.015 ng
RT: 5.357 min Scan# 522
Delta R.T. 0.000 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

Tgt Ion:112 Resp: 548372
Ion Ratio Lower Upper
112 100
64 74.8 53.3 79.9
63 40.6 28.0 42.0

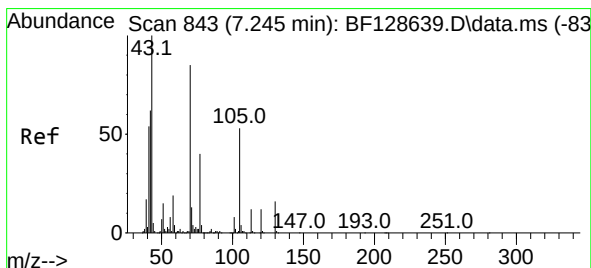
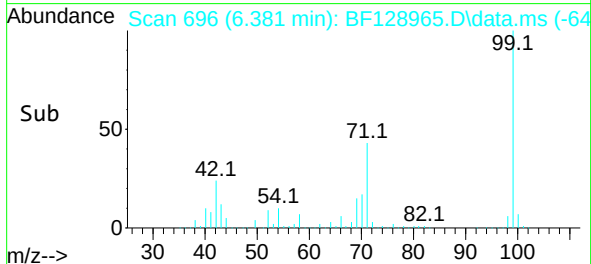
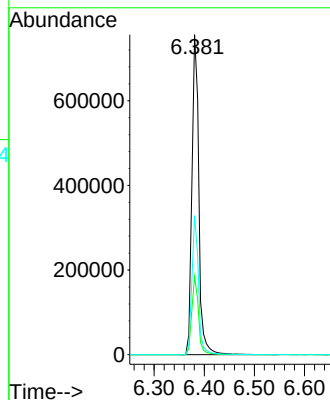
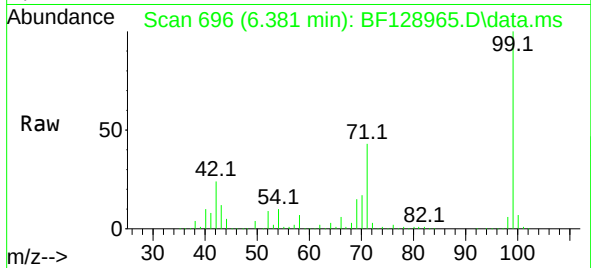




#7
Phenol-d6
Concen: 88.589 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

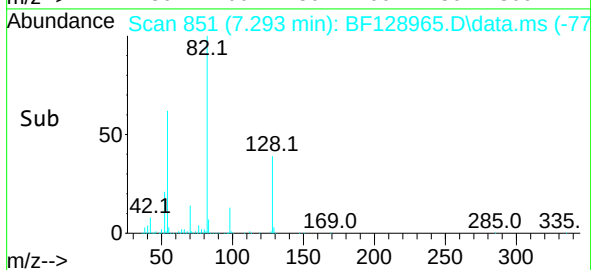
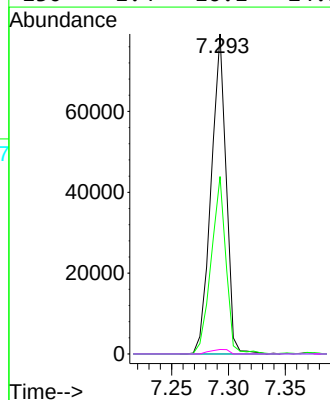
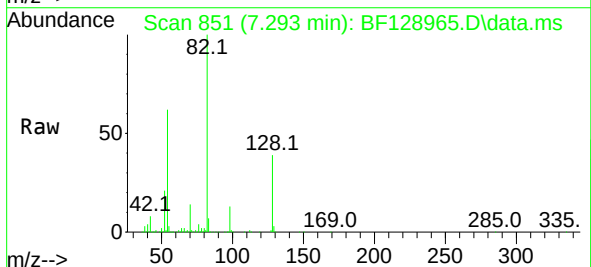
Instrument :
BNA_F
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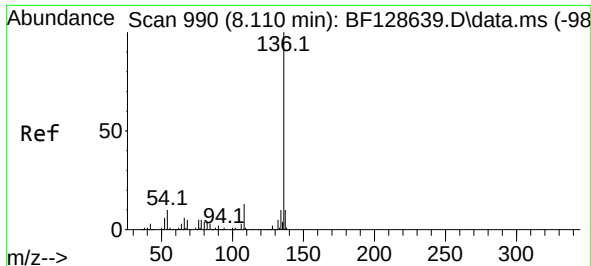
Tgt Ion: 99 Resp: 723041
Ion Ratio Lower Upper
99 100
42 24.5 17.3 25.9
71 43.4 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 14.278 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

Tgt Ion: 70 Resp: 72457
Ion Ratio Lower Upper
70 100
42 55.5 52.3 78.5
101 0.0 7.5 11.3#
130 1.4 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.010 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF128965.D

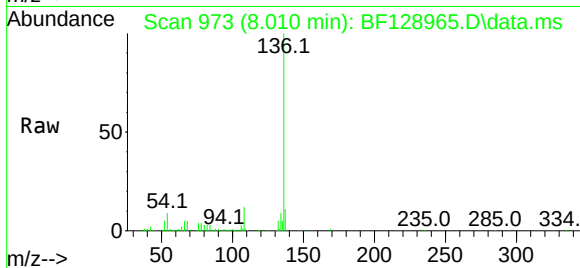
Acq: 23 Jun 2022 21:35

Instrument :

BNA_F

ClientSampleId :

SB-8-0-2-20220622



Tgt Ion:136 Resp: 402225

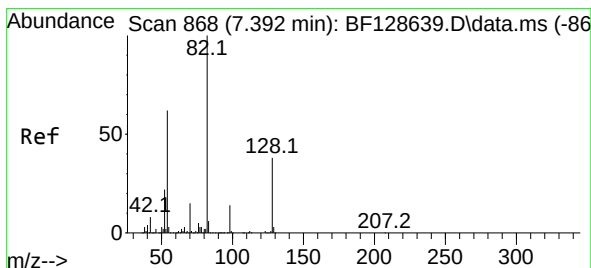
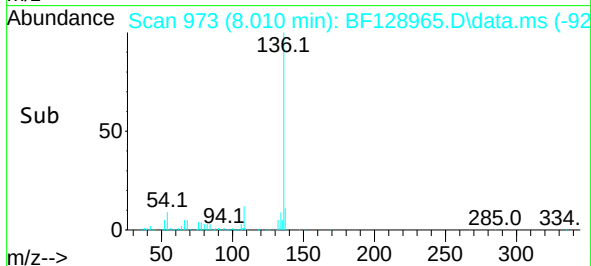
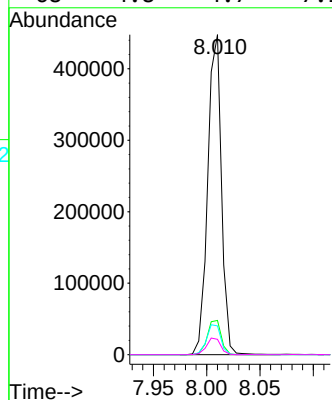
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.0 7.5 11.3

68 4.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 59.993 ng

RT: 7.293 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF128965.D

Acq: 23 Jun 2022 21:35

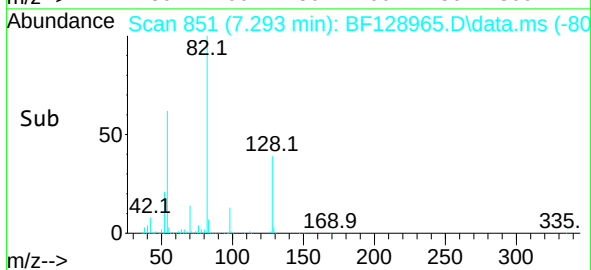
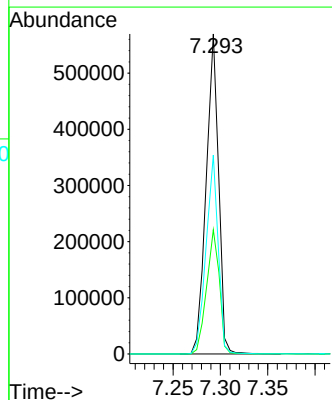
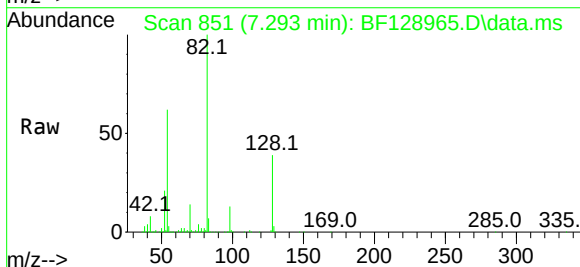
Tgt Ion: 82 Resp: 518290

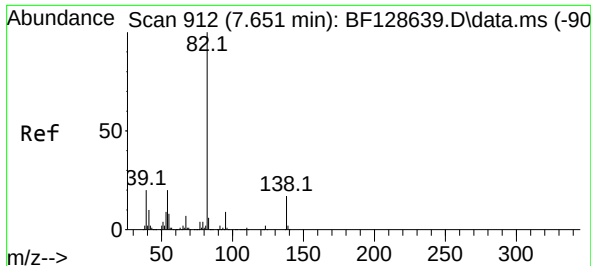
Ion Ratio Lower Upper

82 100

128 38.8 34.0 51.0

54 62.2 46.9 70.3

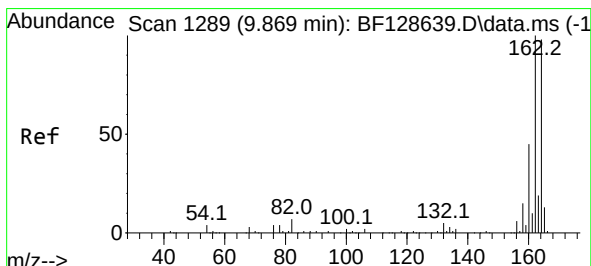
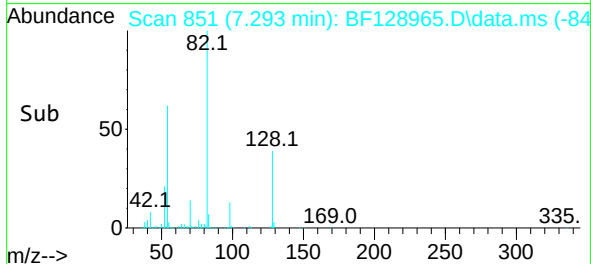
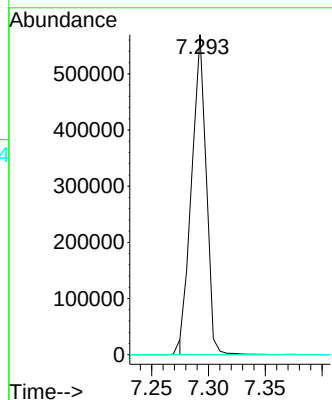
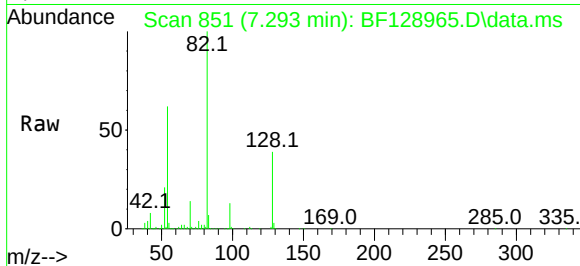




#25
Isophorone
Concen: 38.652 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

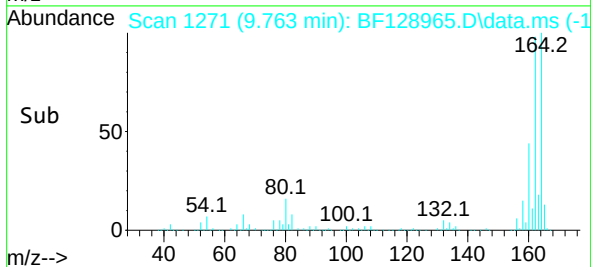
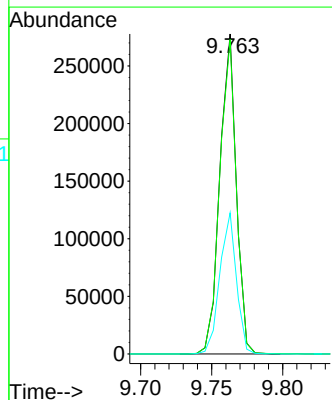
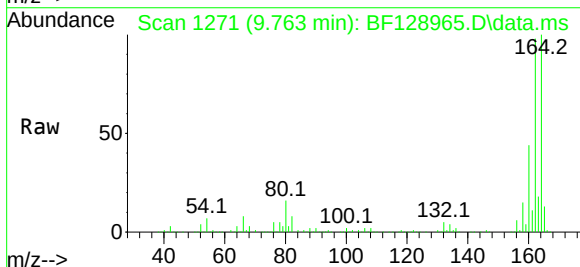
Instrument :
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ClientSampleId :
SB-8-0-2-20220622

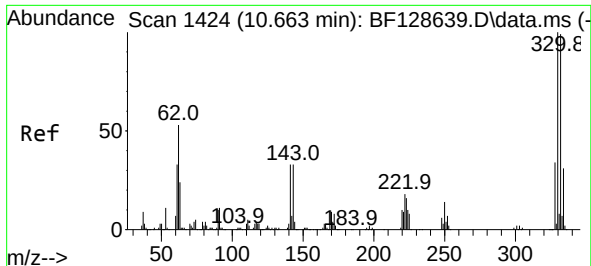
Tgt Ion: 82 Resp: 507147
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

Tgt Ion: 164 Resp: 222894
Ion Ratio Lower Upper
164 100
162 98.3 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 66.884 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128965.D

Acq: 23 Jun 2022 21:35

Instrument :

BNA_F

ClientSampleId :

SB-8-0-2-20220622

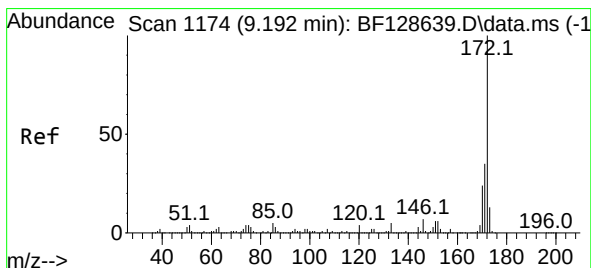
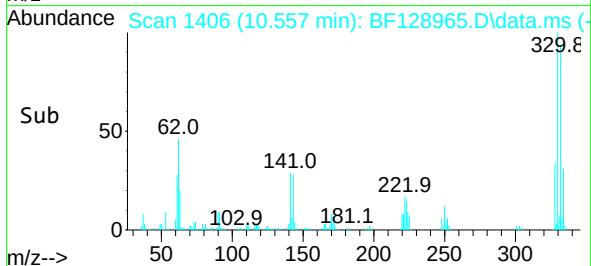
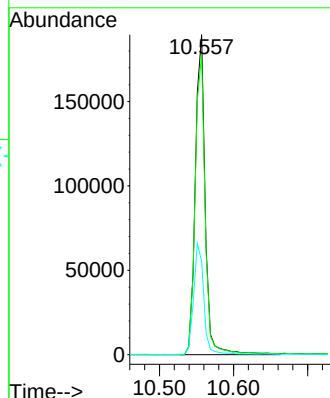
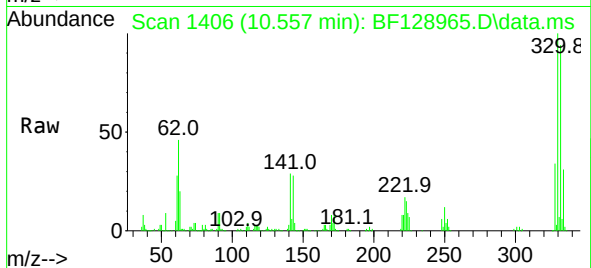
Tgt Ion:330 Resp: 176147

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 36.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 60.563 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128965.D

Acq: 23 Jun 2022 21:35

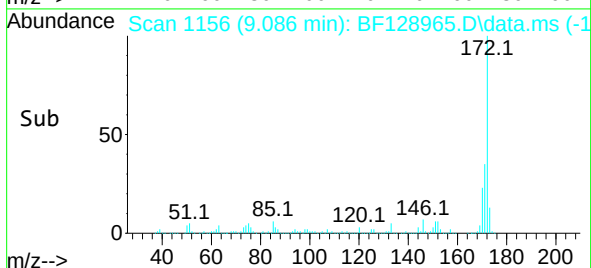
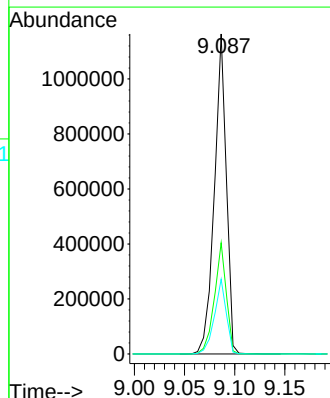
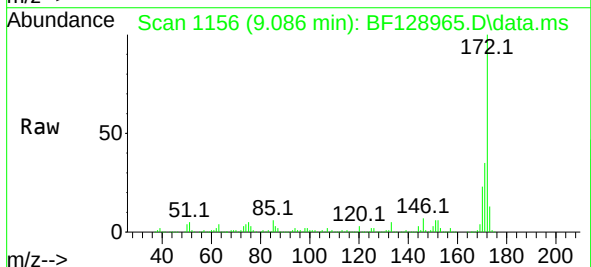
Tgt Ion:172 Resp: 963672

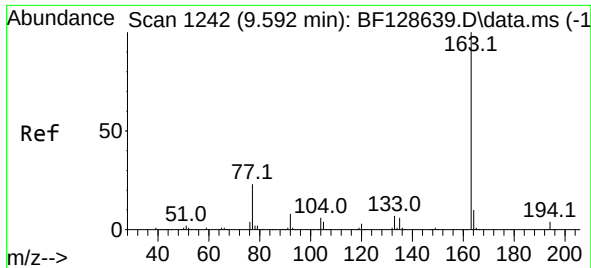
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.4 19.8 29.8

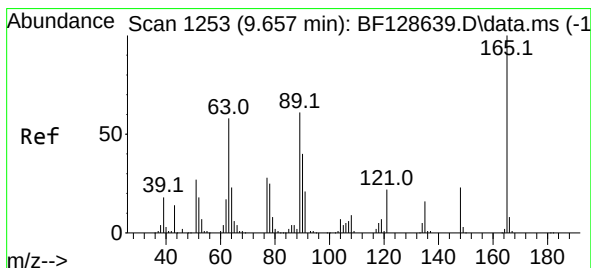
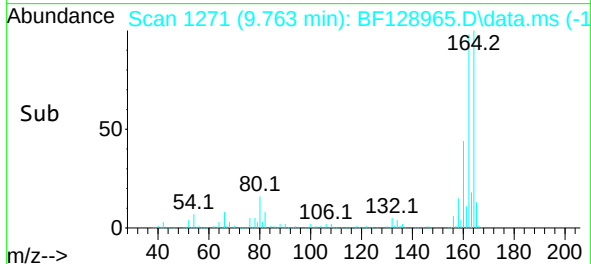
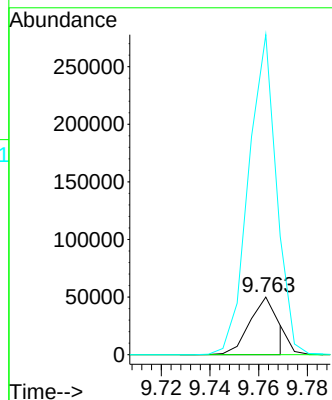
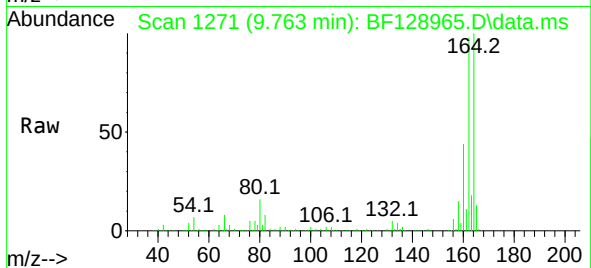




#50
Dimethylphthalate
Concen: 2.666 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

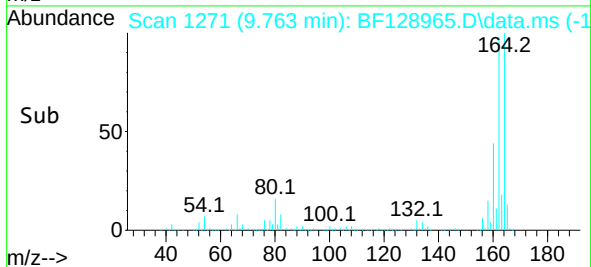
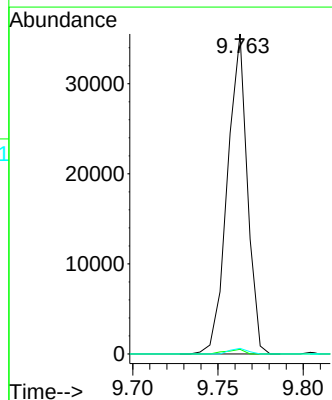
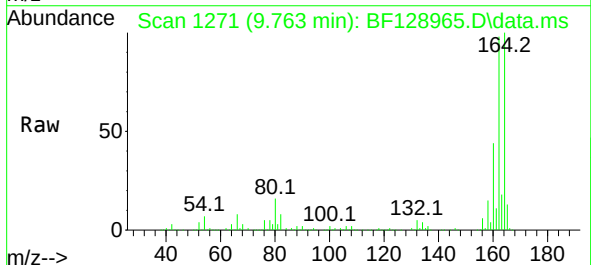
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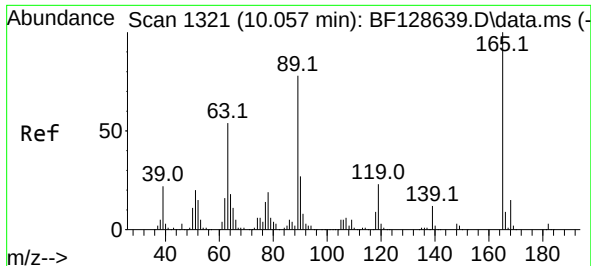
Tgt Ion:163 Resp: 40676
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 555.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.588 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

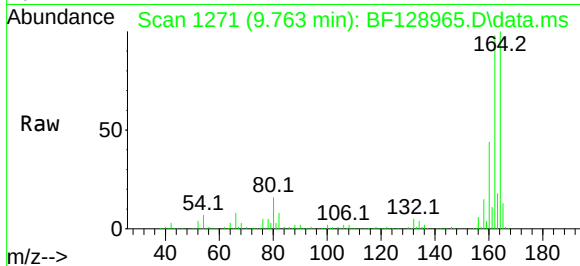
Tgt Ion:165 Resp: 28871
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.7 43.6 65.4#



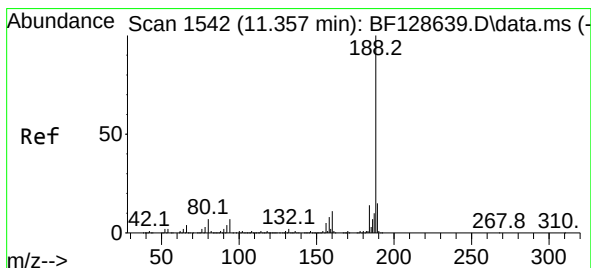
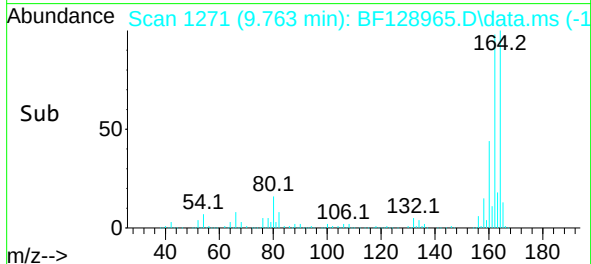
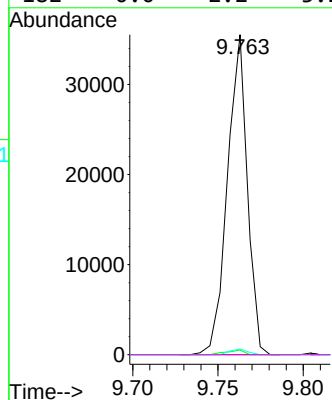


#57
2,4-Dinitrotoluene
Concen: 7.184 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

Instrument :
BNA_F
ClientSampleId :
SB-8-0-2-20220622

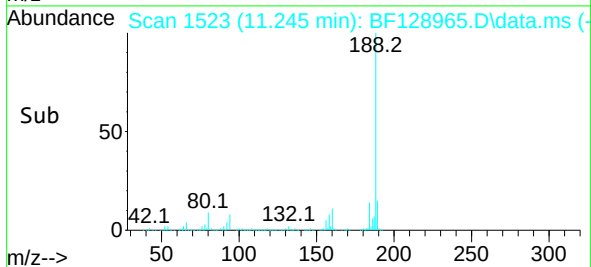
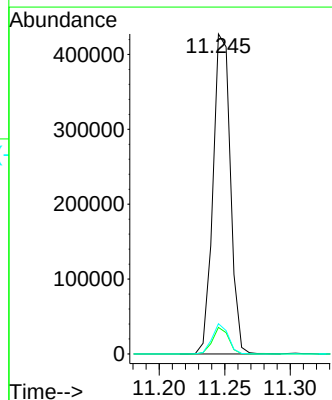
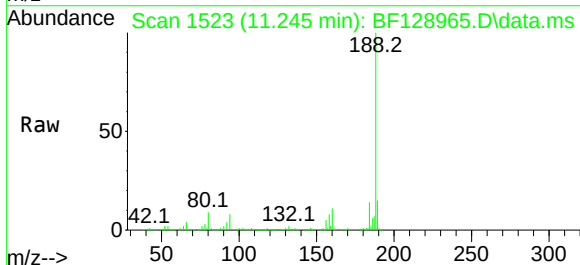


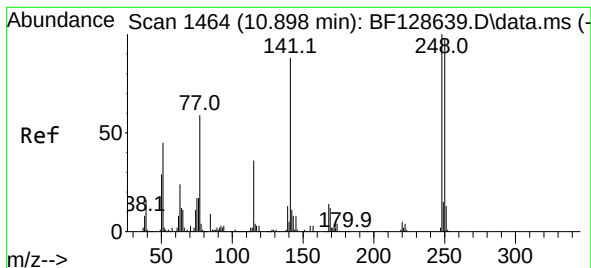
Tgt Ion:165 Resp: 28871
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

Tgt Ion:188 Resp: 393840
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 9.4 7.6 11.4

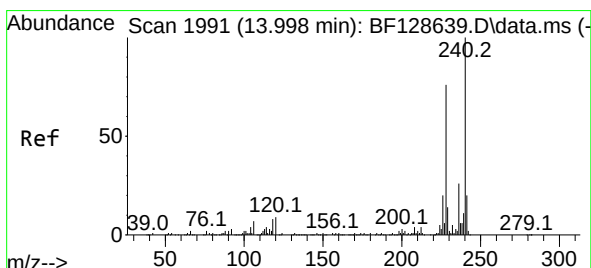
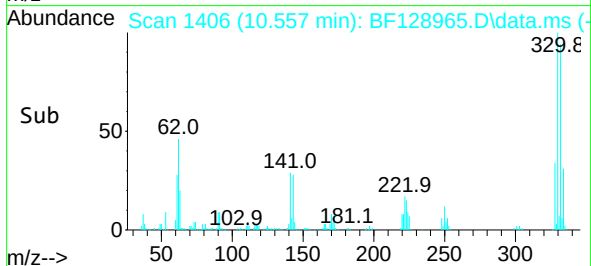
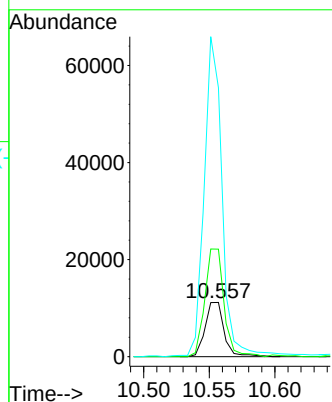
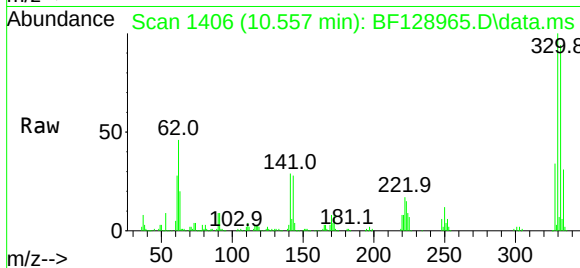




#67
4-Bromophenyl-phenylether
Concen: 2.564 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

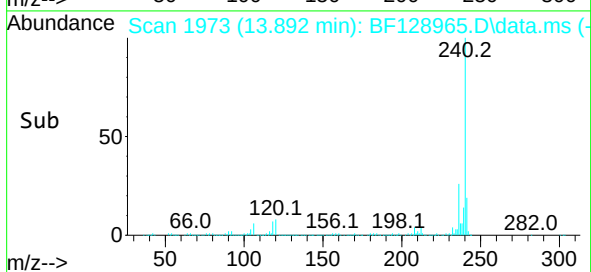
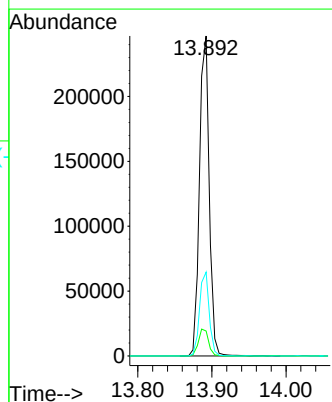
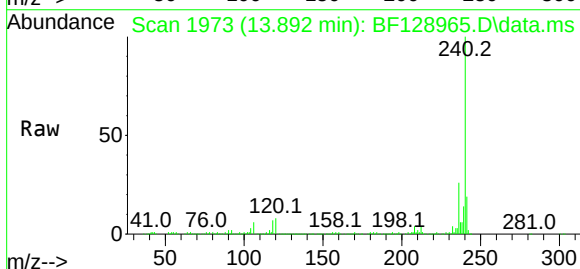
Instrument :
BNA_F
ClientSampleId :
SB-8-0-2-20220622

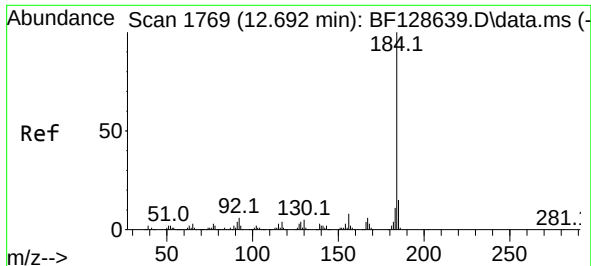
Tgt Ion:248 Resp: 11263
Ion Ratio Lower Upper
248 100
250 198.4 80.6 120.8#
141 496.5 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

Tgt Ion:240 Resp: 224375
Ion Ratio Lower Upper
240 100
120 7.8 8.9 13.3#
236 26.2 20.8 31.2

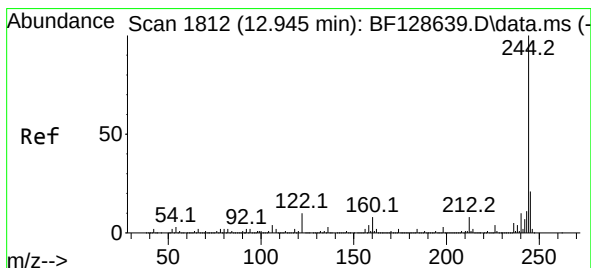
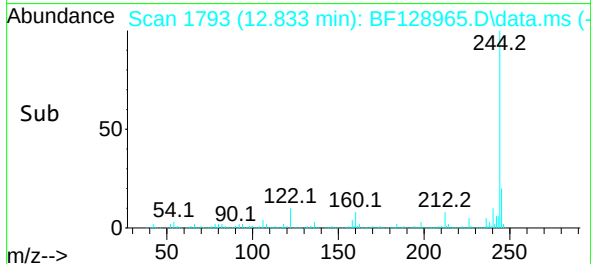
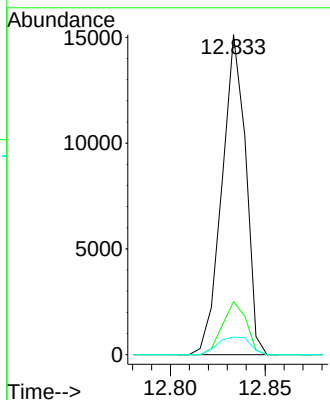
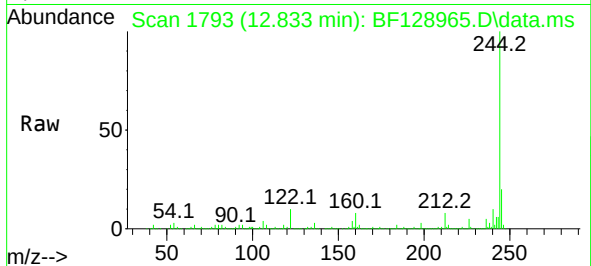




#77
Benzidine
Concen: 2.938 ng
RT: 12.833 min Scan# 1793
Delta R.T. 0.241 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

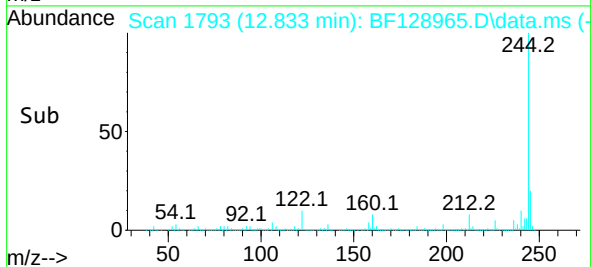
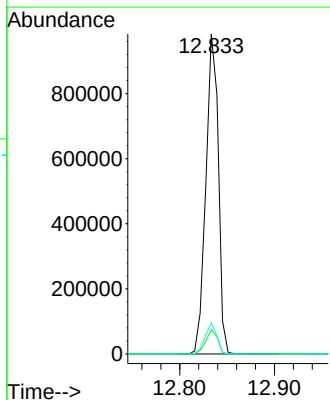
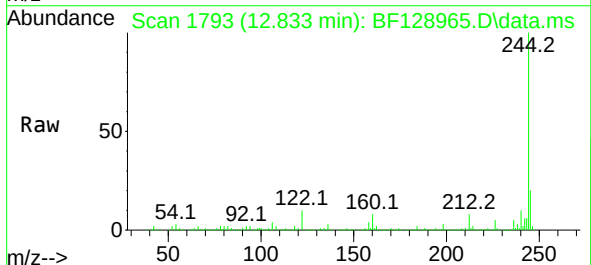
Instrument :
BNA_F
ClientSampleId :
SB-8-0-2-20220622

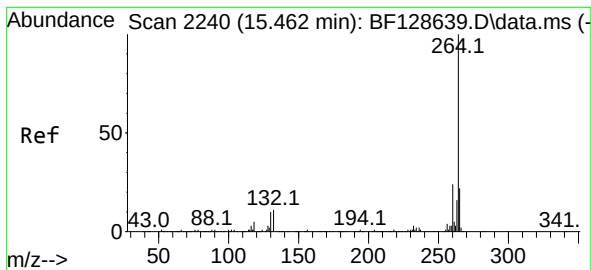
Tgt Ion:184 Resp: 13141
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 5.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 69.373 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF128965.D
Acq: 23 Jun 2022 21:35

Tgt Ion:244 Resp: 895790
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 9.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.321 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128965.D

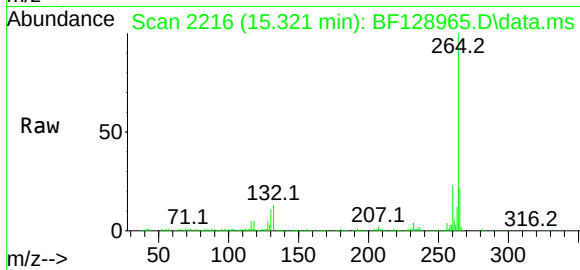
Acq: 23 Jun 2022 21:35

Instrument :

BNA_F

ClientSampleId :

SB-8-0-2-20220622



Tgt Ion:264 Resp: 165748

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 22.1 17.2 25.8

