

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128981.D
 Acq On : 24 Jun 2022 11:01
 Operator : CG\JU
 Sample : PB145742BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145742BL

Quant Time: Jun 25 06:12:25 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	128231	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	491715	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	274353	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	509579	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	375623	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	288934	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	954009	118.503	ng	0.01
7) Phenol-d6	6.387	99	1199618	122.073	ng	0.00
23) Nitrobenzene-d5	7.292	82	870770	82.450	ng	-0.01
42) 2,4,6-Tribromophenol	10.563	330	338362	104.381	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1598804	81.632	ng	0.00
79) Terphenyl-d14	12.845	244	1774125	82.071	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.292	70	123129	20.152	ng	# 77
25) Isophorone	7.292	82	860558	53.650	ng	# 65
50) Dimethylphthalate	9.763	163	50669	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	35819	9.664	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	35819	7.241	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	22219	3.910	ng	# 1

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

Instrument :

BNA F

ClientSampleId :

PB145742BL

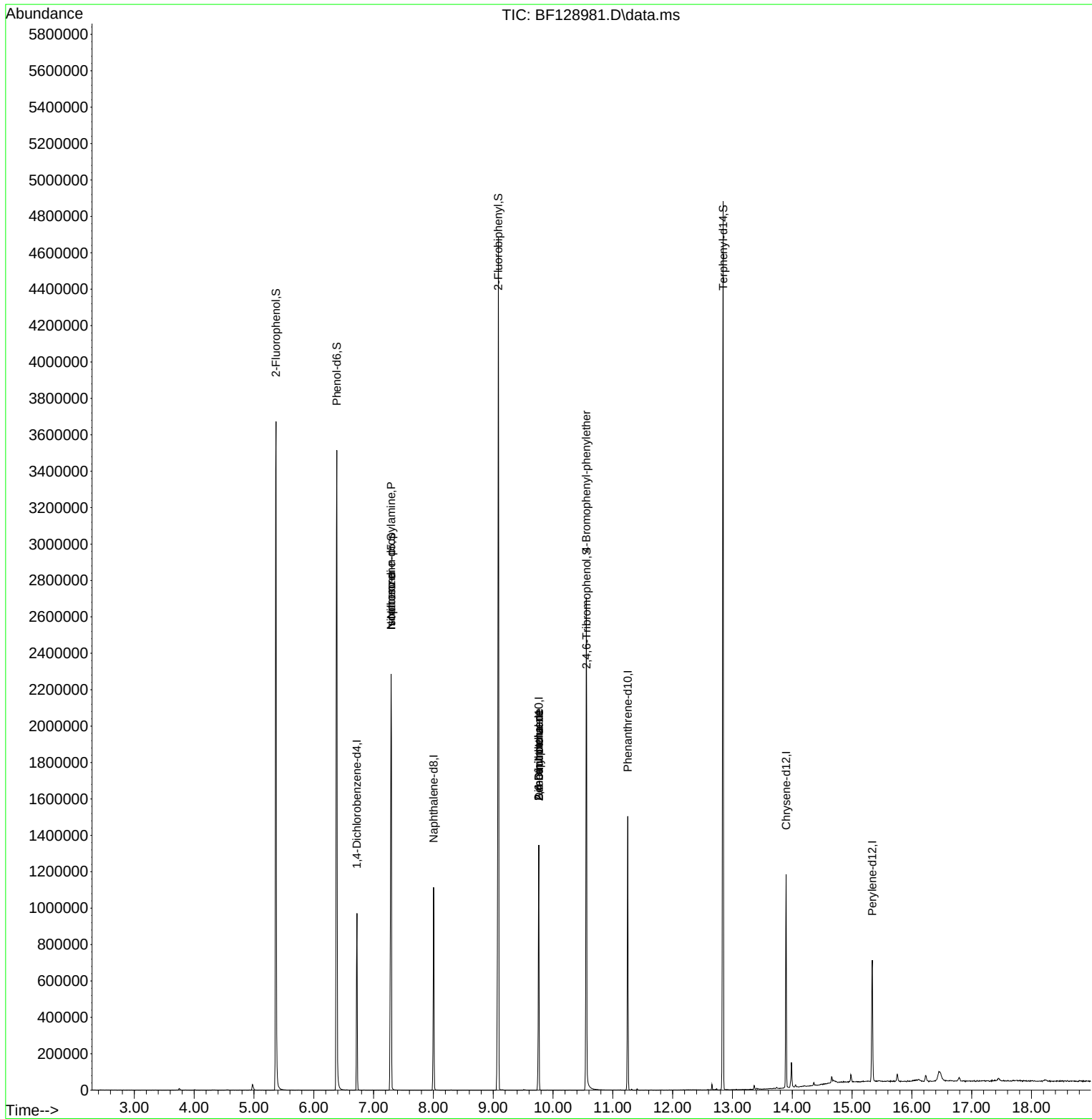
Quant Time: Jun 25 06:12:25 2022

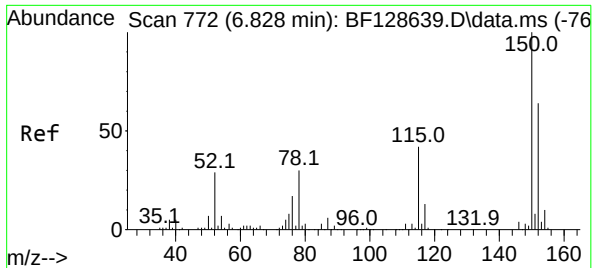
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 24 00:50:48 2022

Response via : Initial Calibration

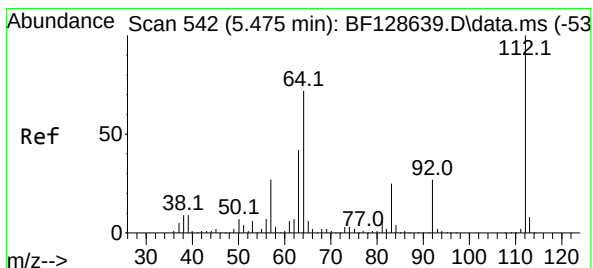
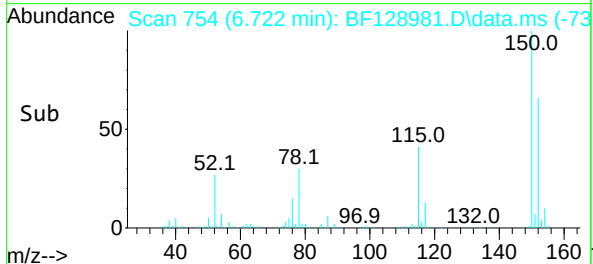
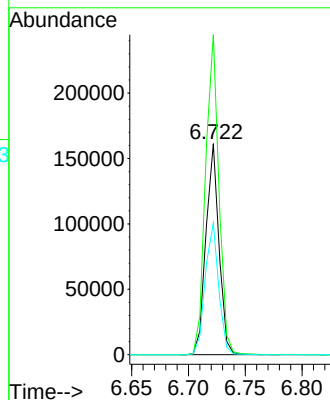
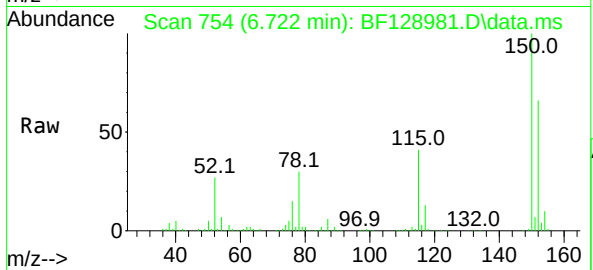




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

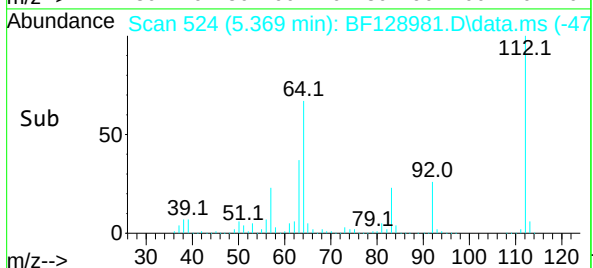
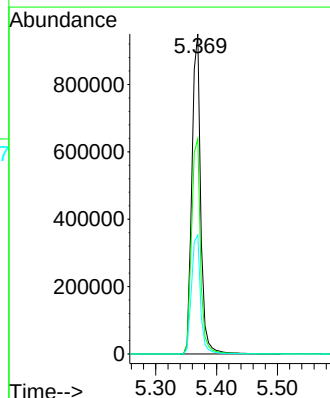
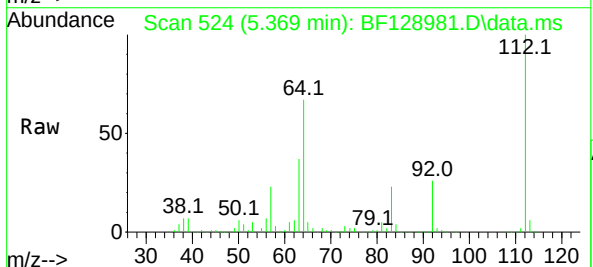
Instrument :
BNA_F
ClientSampleId :
PB145742BL

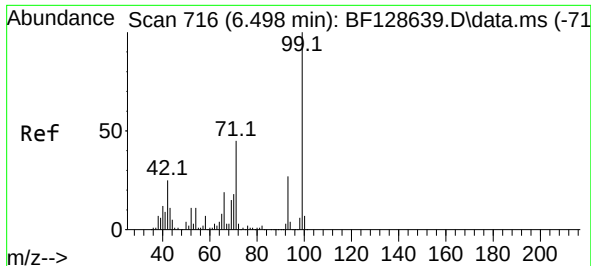
Tgt Ion:152 Resp: 128231
Ion Ratio Lower Upper
152 100
150 151.6 123.7 185.5
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 118.503 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

Tgt Ion:112 Resp: 954009
Ion Ratio Lower Upper
112 100
64 67.3 53.3 79.9
63 37.2 28.0 42.0

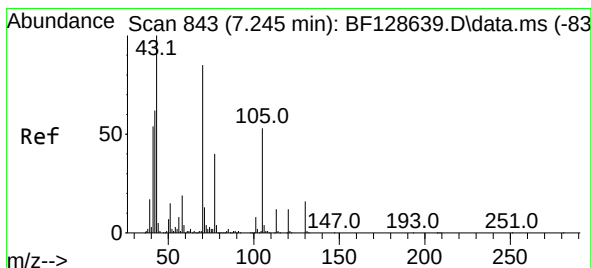
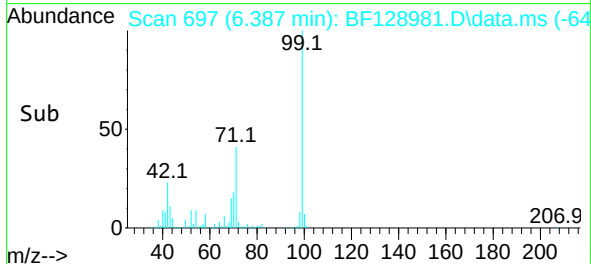
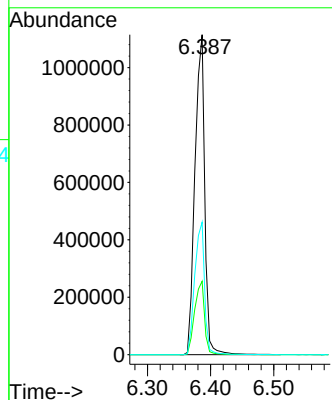
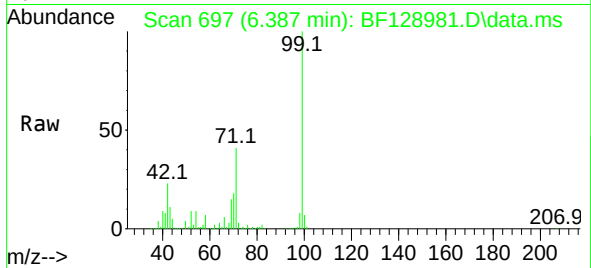




#7
Phenol-d6
Concen: 122.073 ng
RT: 6.387 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

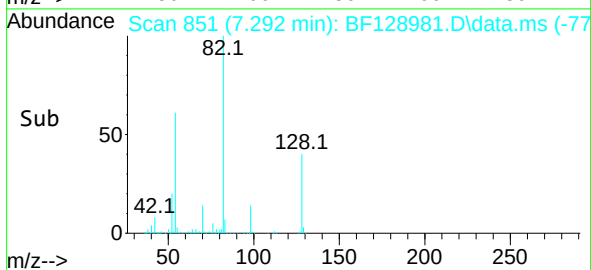
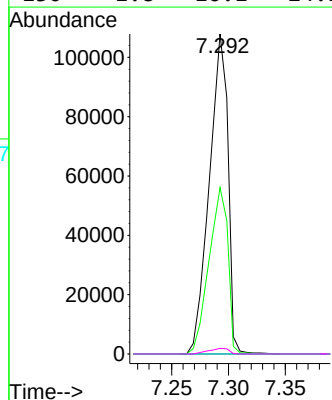
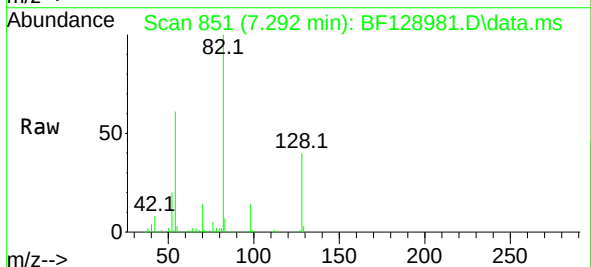
Instrument :
BNA_F
ClientSampleId :
PB145742BL

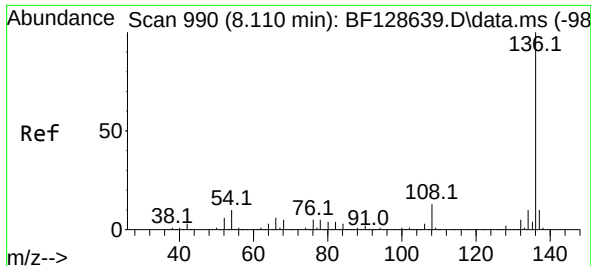
Tgt Ion: 99 Resp: 1199618
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 41.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.152 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

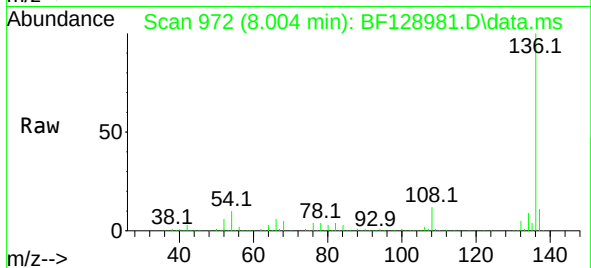
Tgt Ion: 70 Resp: 123129
Ion Ratio Lower Upper
70 100
42 52.0 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#



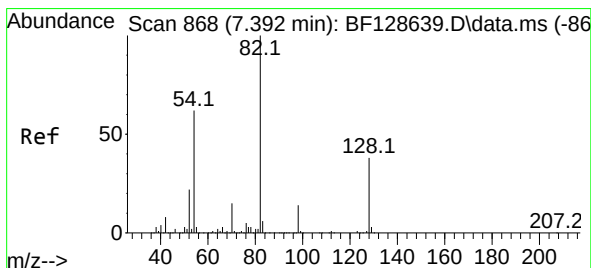
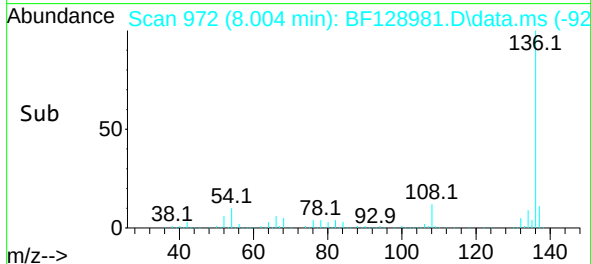
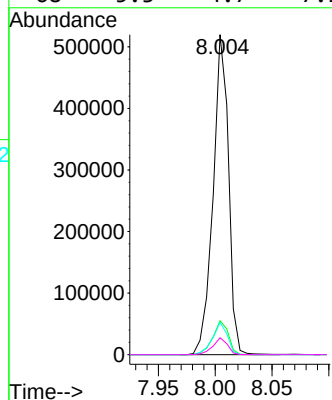


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

Instrument :
BNA_F
ClientSampleId :
PB145742BL

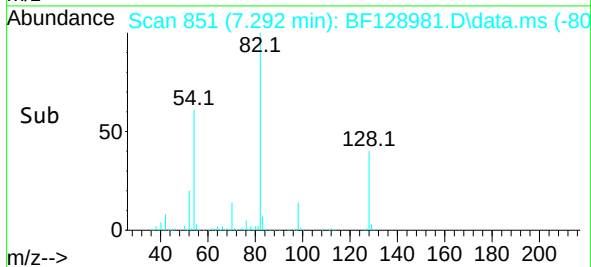
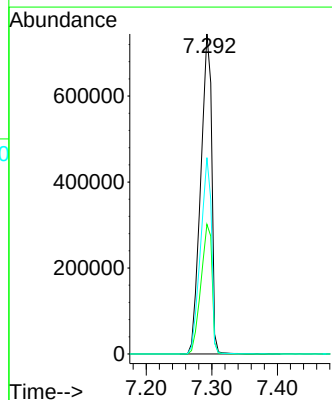
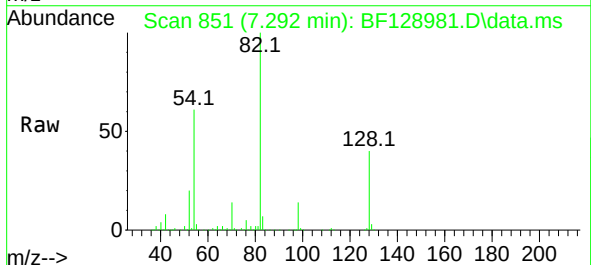


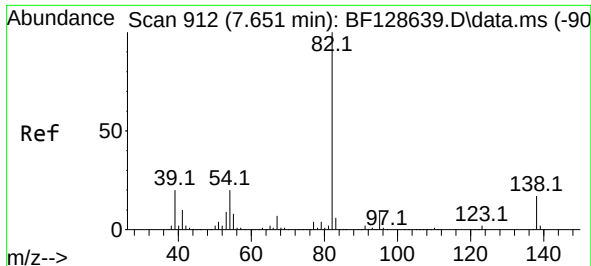
Tgt Ion:136 Resp: 491715
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.1 7.5 11.3
68 5.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 82.450 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

Tgt Ion: 82 Resp: 870770
Ion Ratio Lower Upper
82 100
128 40.5 34.0 51.0
54 61.3 46.9 70.3

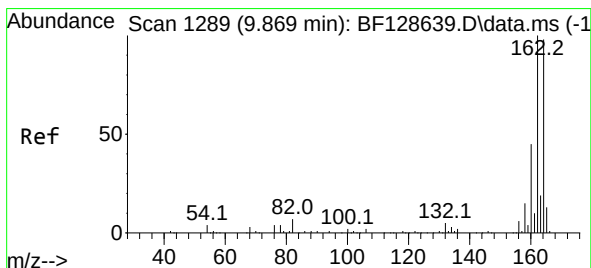
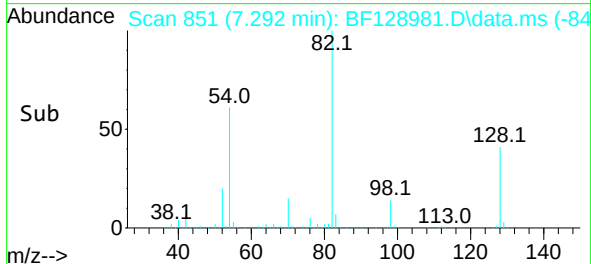
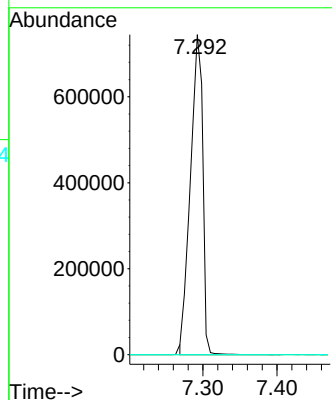
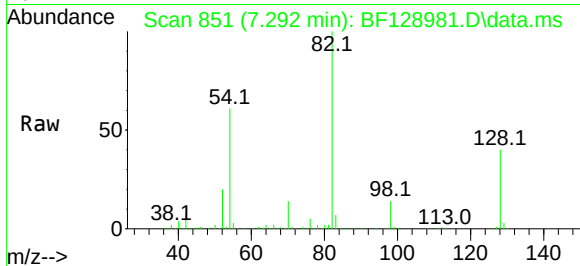




#25
Isophorone
Concen: 53.650 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

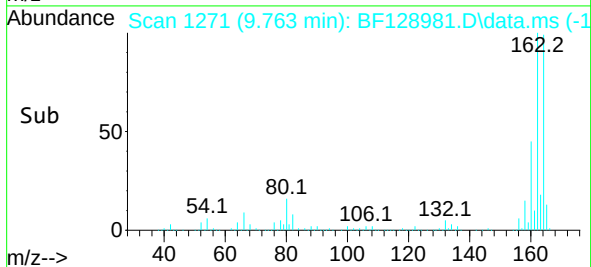
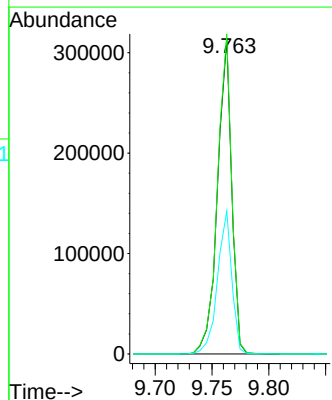
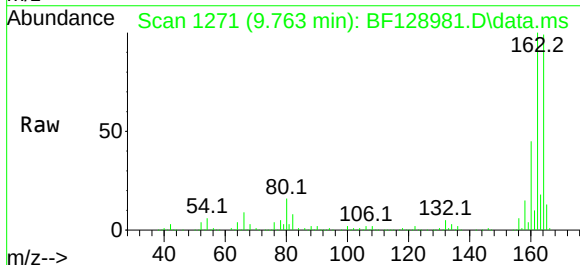
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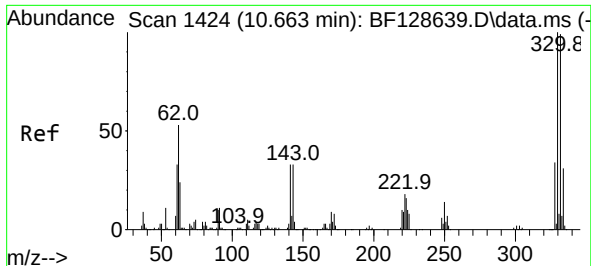
Tgt Ion: 82 Resp: 860558
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

Tgt Ion:164 Resp: 274353
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 104.381 ng

RT: 10.563 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128981.D

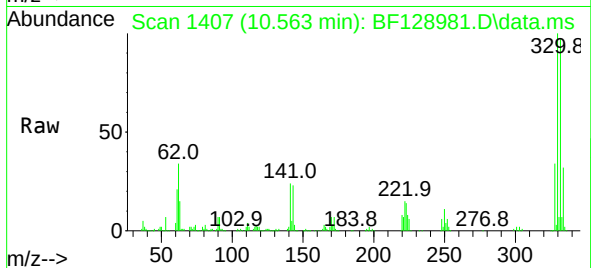
Acq: 24 Jun 2022 11:01

Instrument :

BNA_F

ClientSampleId :

PB145742BL



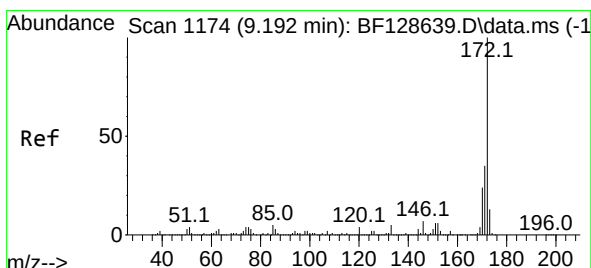
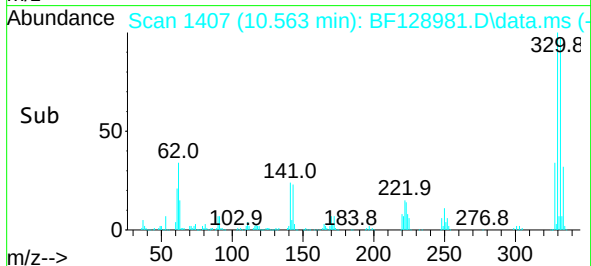
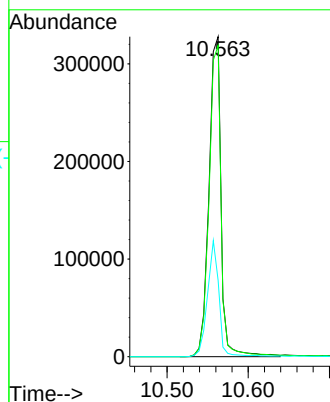
Tgt Ion:330 Resp: 338362

Ion Ratio Lower Upper

330 100

332 97.9 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.632 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128981.D

Acq: 24 Jun 2022 11:01

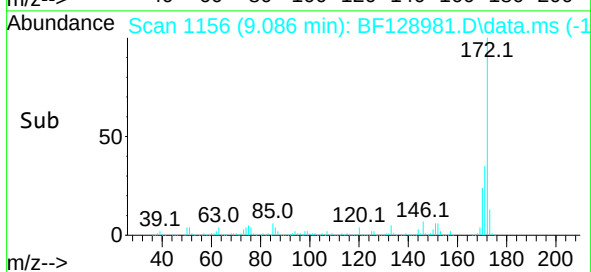
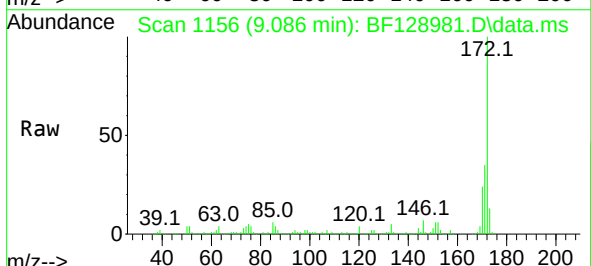
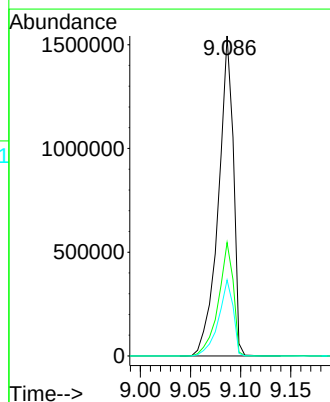
Tgt Ion:172 Resp: 1598804

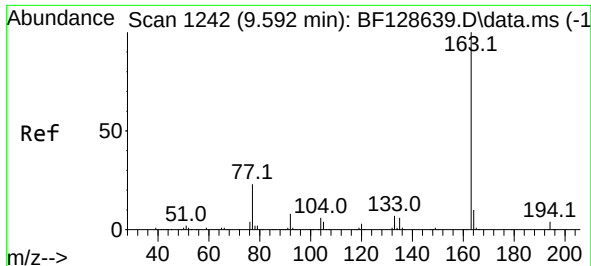
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.7 19.8 29.8

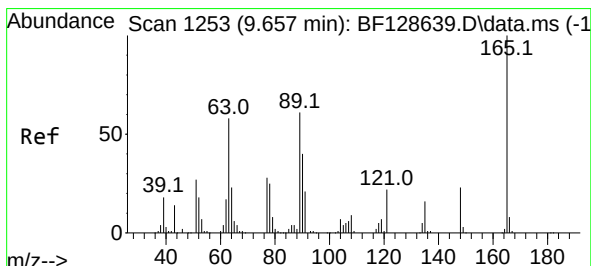
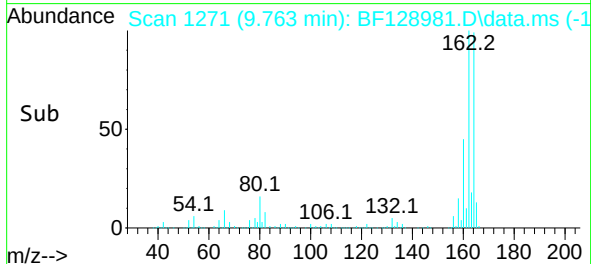
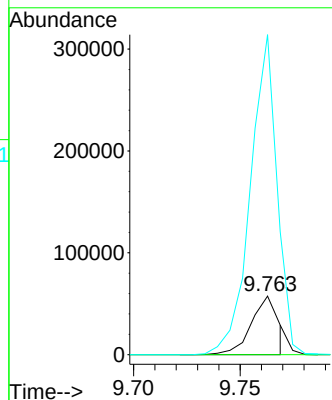
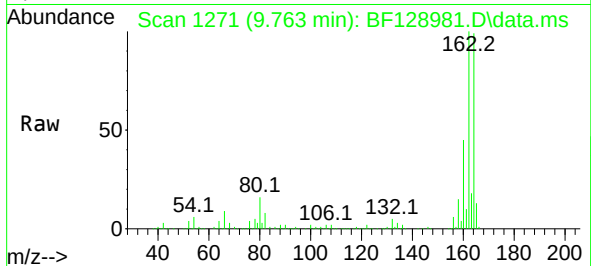




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

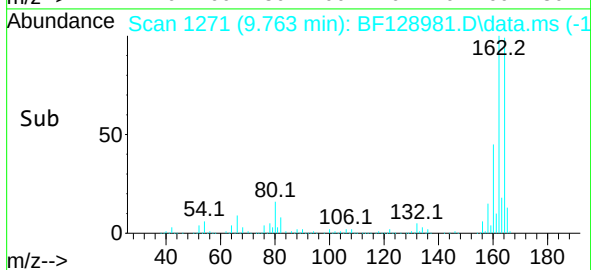
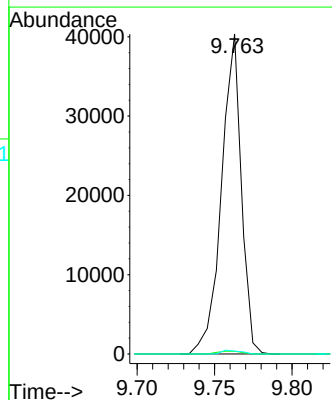
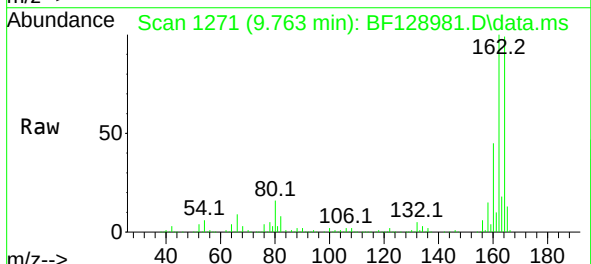
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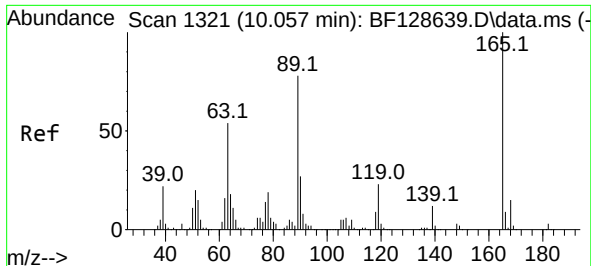
Tgt Ion:163 Resp: 50669
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 547.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.664 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

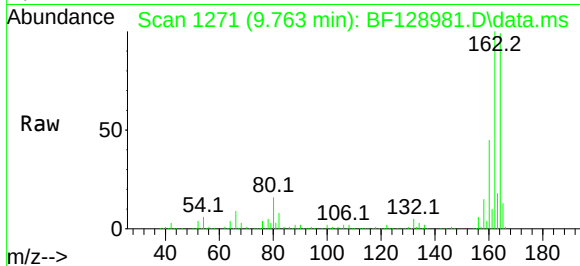
Tgt Ion:165 Resp: 35819
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 0.9 43.6 65.4#



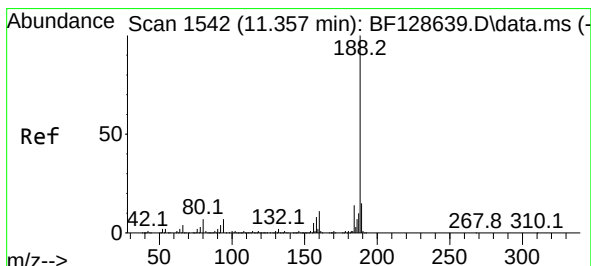
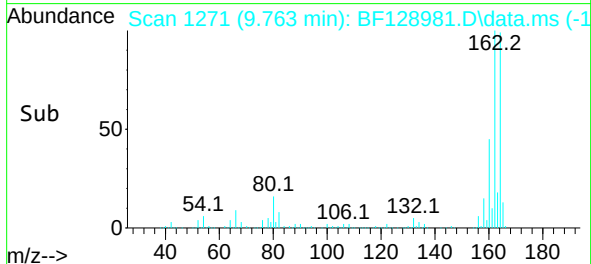
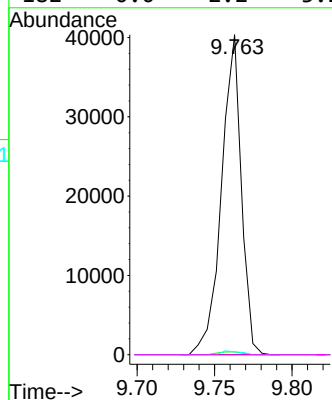


#57
2,4-Dinitrotoluene
Concen: 7.241 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

Instrument :
BNA_F
ClientSampleId :
PB145742BL

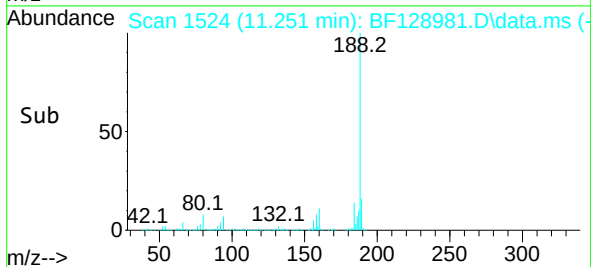
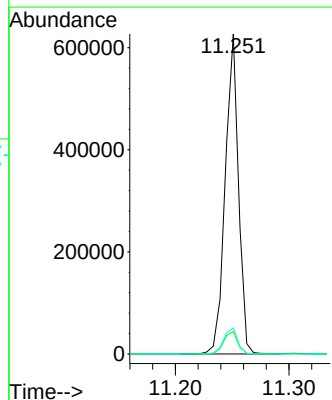
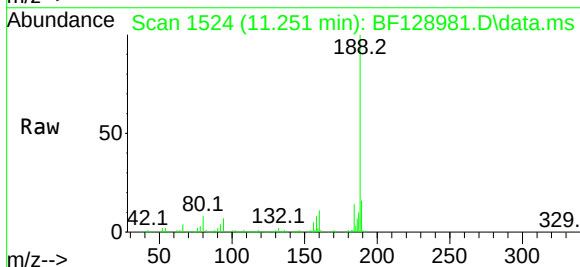


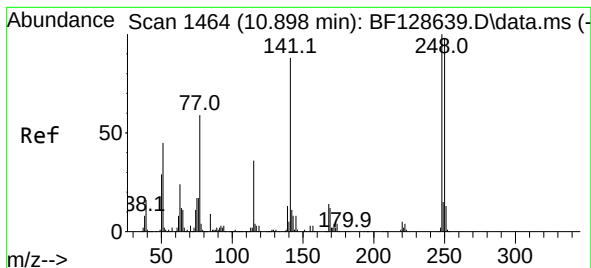
Tgt Ion:165 Resp: 35819
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

Tgt Ion:188 Resp: 509579
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 8.1 7.6 11.4

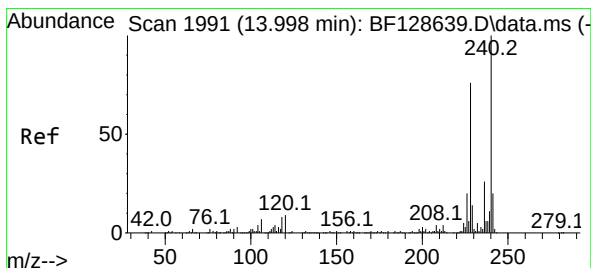
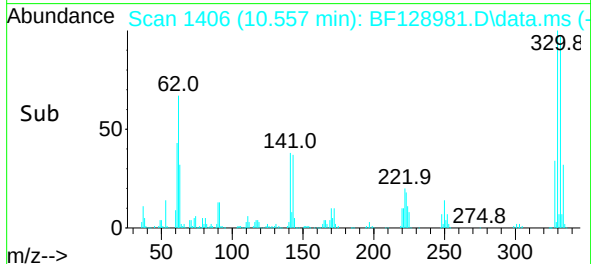
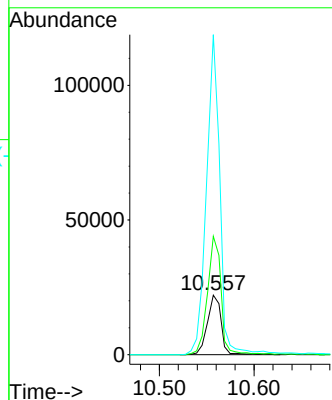
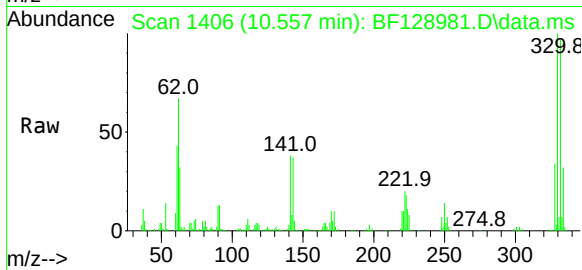




#67
4-Bromophenyl-phenylether
Concen: 3.910 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

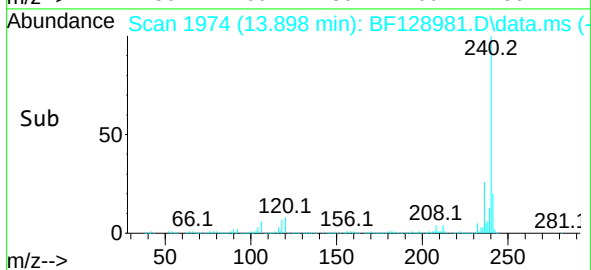
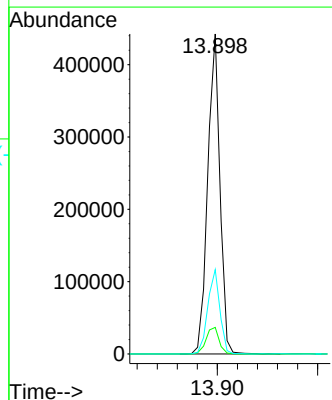
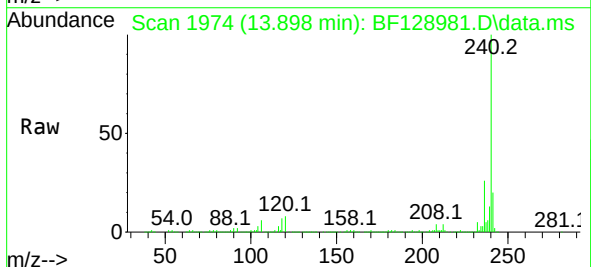
Instrument :
BNA_F
ClientSampleId :
PB145742BL

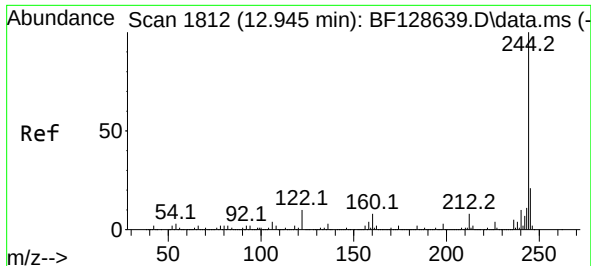
Tgt Ion:248 Resp: 22219
Ion Ratio Lower Upper
248 100
250 199.1 80.6 120.8#
141 538.3 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BF128981.D
Acq: 24 Jun 2022 11:01

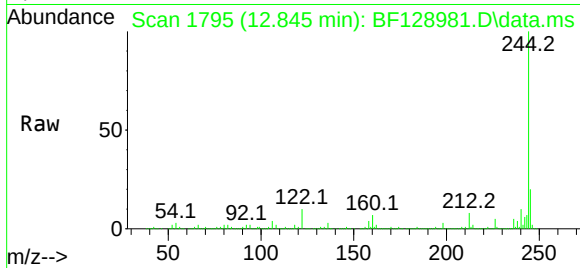
Tgt Ion:240 Resp: 375623
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 26.4 20.8 31.2



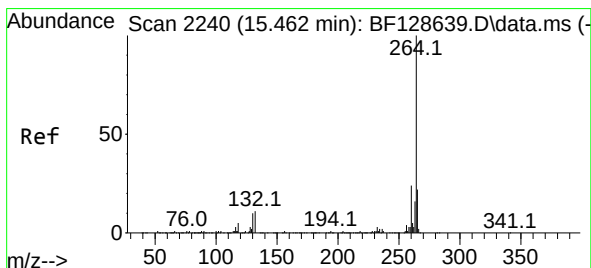
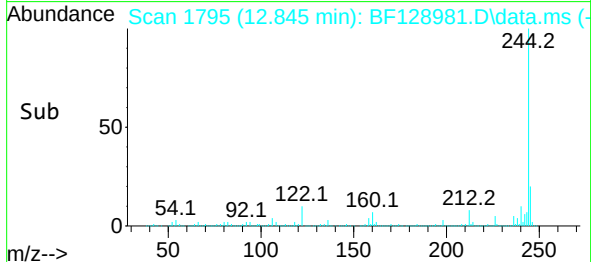
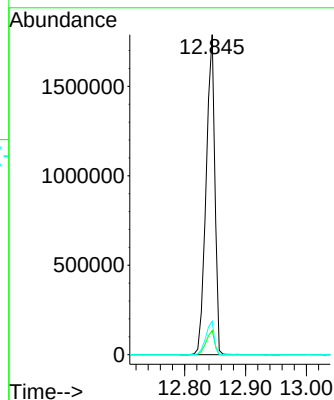


#79
 Terphenyl-d14
 Concen: 82.071 ng
 RT: 12.845 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128981.D
 Acq: 24 Jun 2022 11:01

Instrument :
 BNA_F
 ClientSampleId :
 PB145742BL



Tgt Ion:244 Resp: 1774125
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 2219
 Delta R.T. 0.012 min
 Lab File: BF128981.D
 Acq: 24 Jun 2022 11:01

Tgt Ion:264 Resp: 288934
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.2 17.2 25.8

