

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128820.D
 Acq On : 15 Jun 2022 11:51
 Operator : CG\JU
 Sample : PB145493TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145493TB

Quant Time: Jun 15 13:08:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

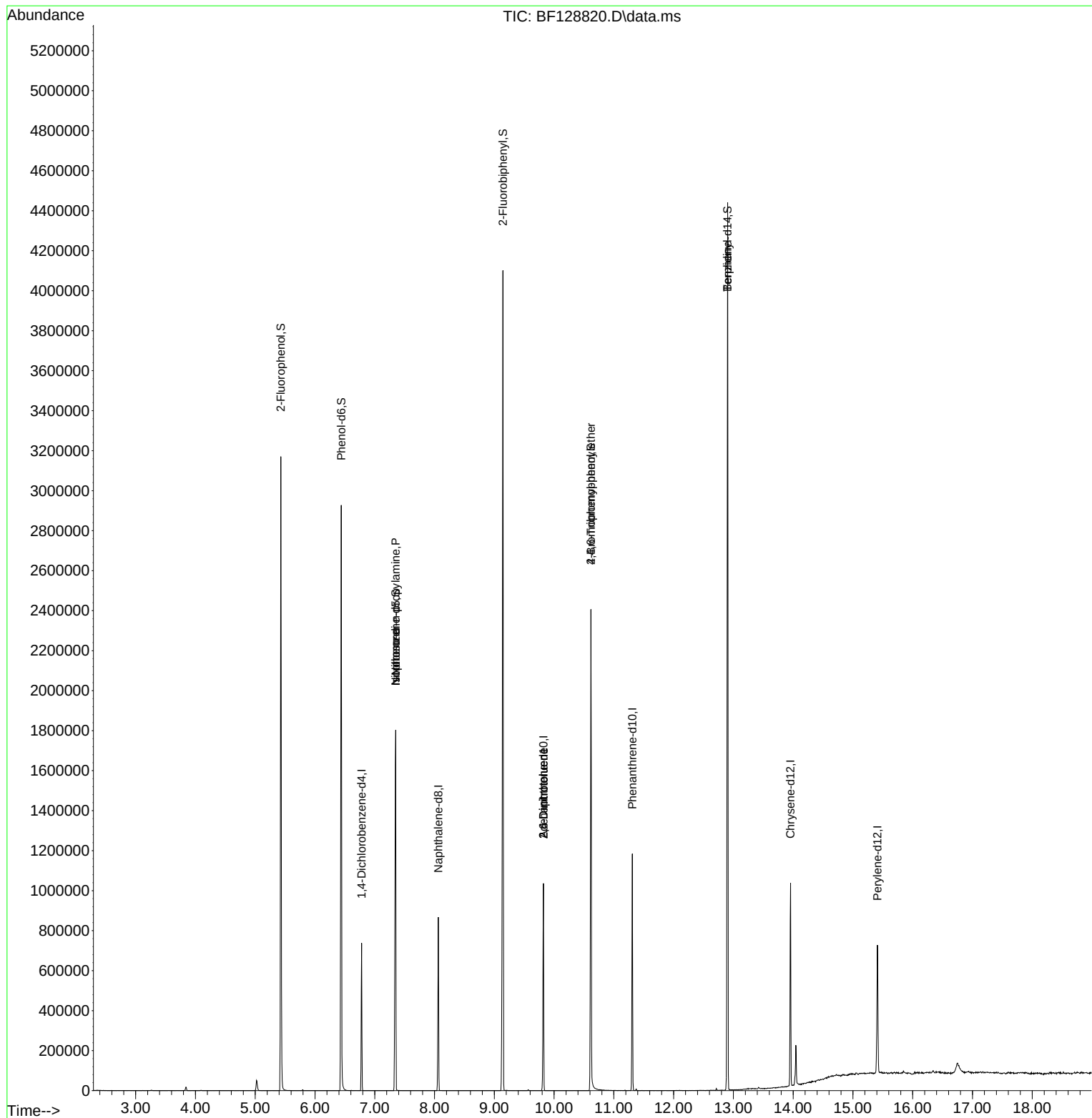
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	93990	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	358632	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	209000	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	401082	20.000	ng	0.00
76) Chrysene-d12	13.957	240	335198	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	285926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	738476	125.148	ng	0.01
7) Phenol-d6	6.439	99	926896	128.683	ng	0.00
23) Nitrobenzene-d5	7.351	82	659595	85.630	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	296700	120.149	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1290223	86.476	ng	0.00
79) Terphenyl-d14	12.904	244	1631378	84.569	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	94245	21.044	ng	# 74
25) Isophorone	7.351	82	659514	56.374	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	26285	9.309	ng	# 25
57) 2,4-Dinitrotoluene	9.822	165	26285	6.976	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	19080	4.266	ng	# 1
77) Benzidine	12.904	184	22071	3.303	ng	# 90

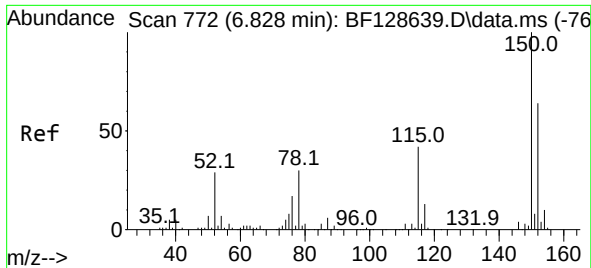
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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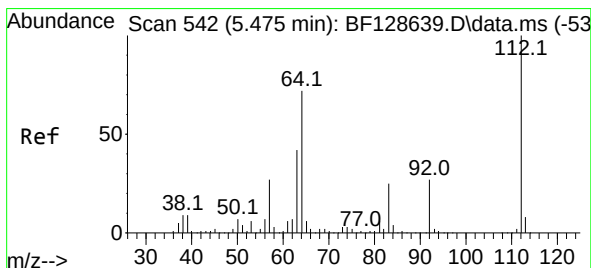
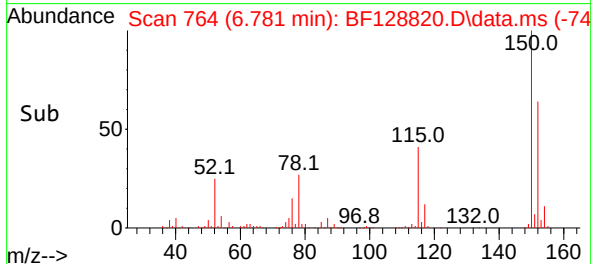
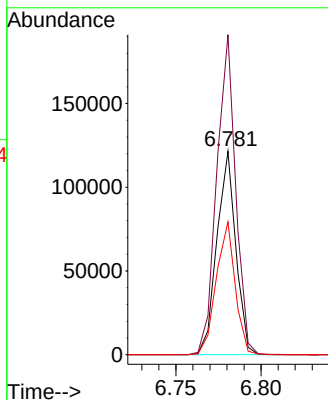
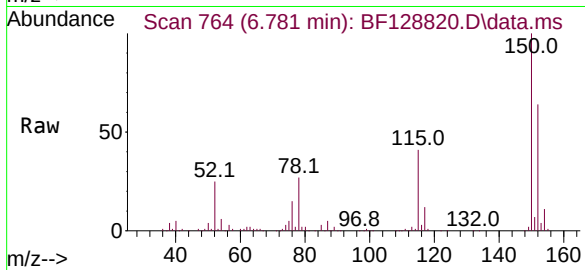




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

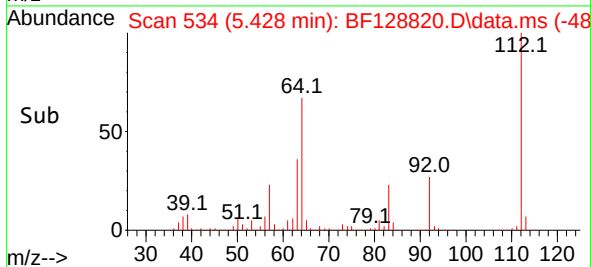
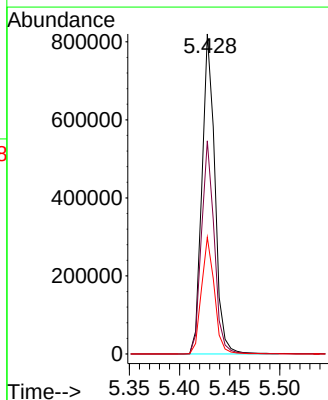
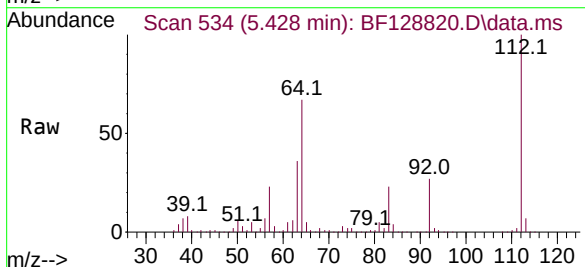
Instrument :
BNA_F
ClientSampleId :
PB145493TB

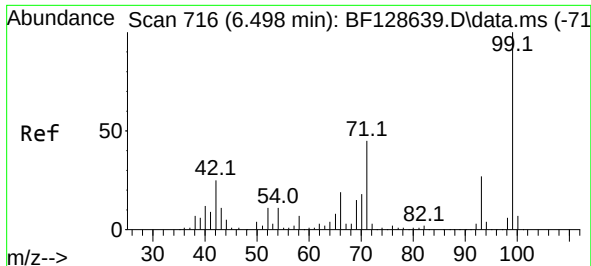
Tgt Ion:152 Resp: 93990
Ion Ratio Lower Upper
152 100
150 157.3 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 125.148 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

Tgt Ion:112 Resp: 738476
Ion Ratio Lower Upper
112 100
64 66.6 53.3 79.9
63 36.5 28.0 42.0

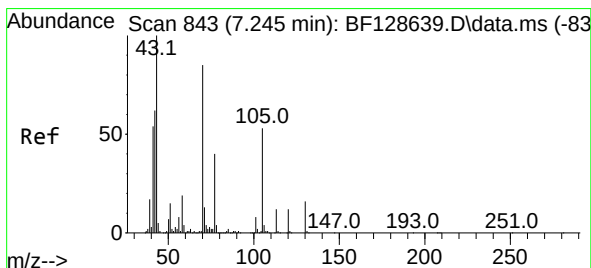
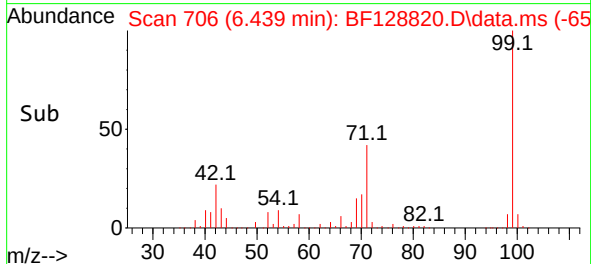
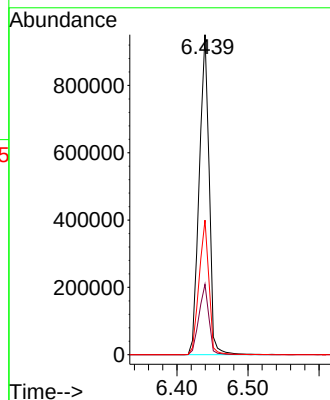
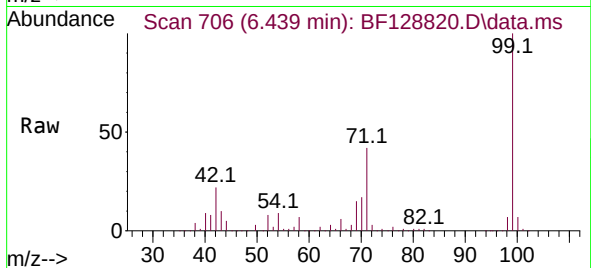




#7
Phenol-d6
Concen: 128.683 ng
RT: 6.439 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

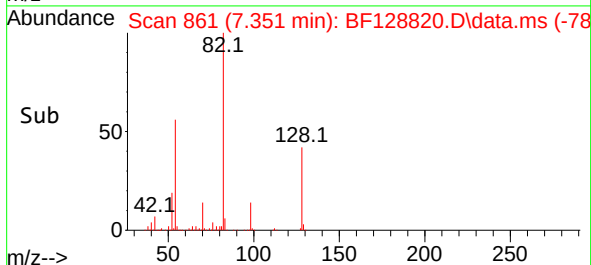
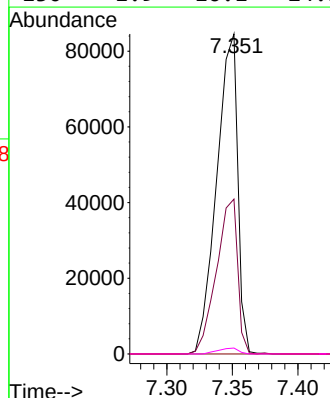
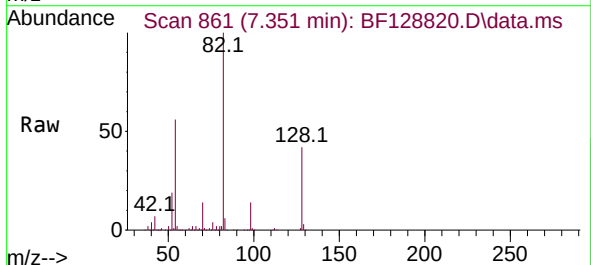
Instrument :
BNA_F
ClientSampleId :
PB145493TB

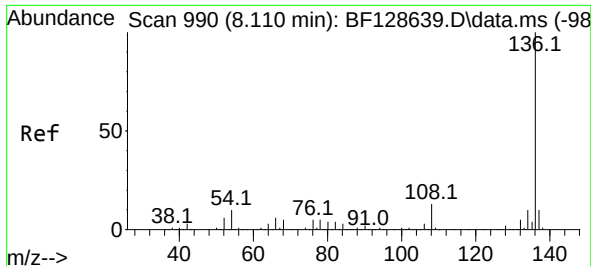
Tgt Ion: 99 Resp: 926896
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 42.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.044 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

Tgt Ion: 70 Resp: 94245
Ion Ratio Lower Upper
70 100
42 48.4 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128820.D

Acq: 15 Jun 2022 11:51

Instrument :

BNA_F

ClientSampleId :

PB145493TB

Tgt Ion:136 Resp: 358632

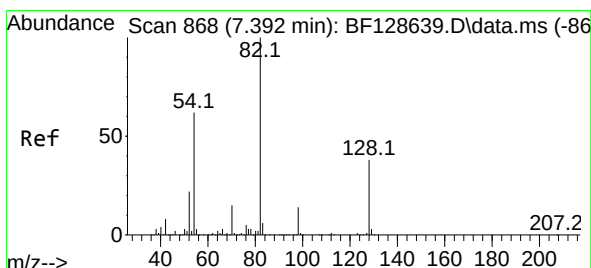
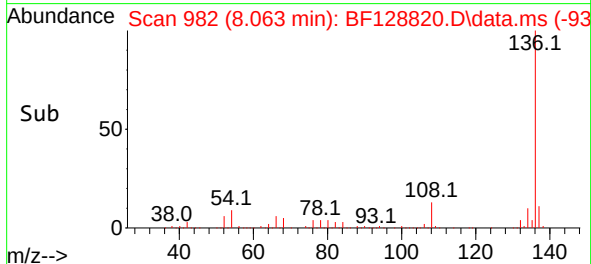
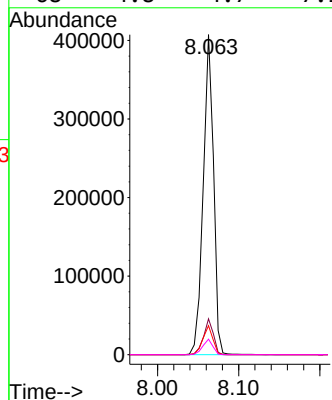
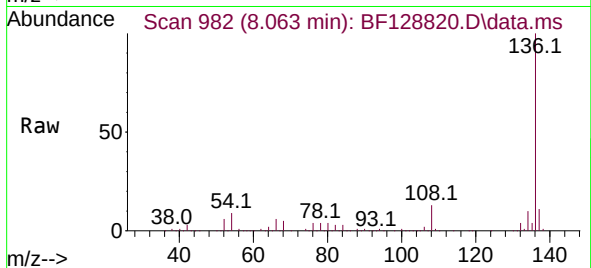
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 7.5 11.3

68 4.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 85.630 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF128820.D

Acq: 15 Jun 2022 11:51

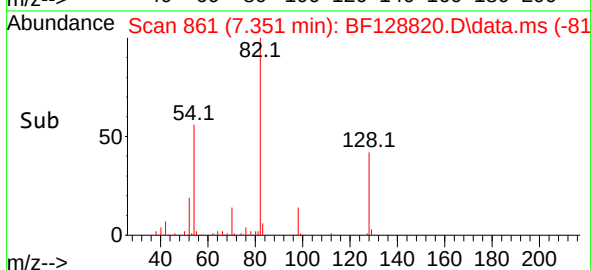
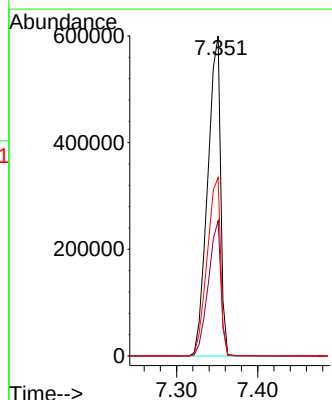
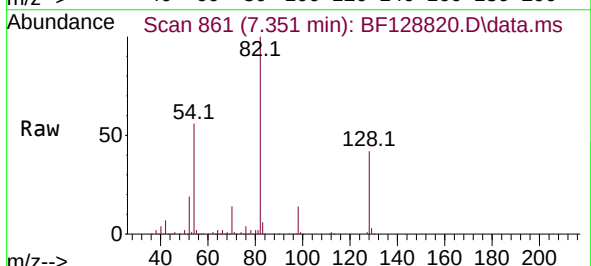
Tgt Ion: 82 Resp: 659595

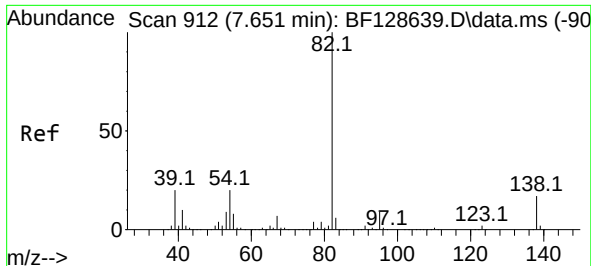
Ion Ratio Lower Upper

82 100

128 42.3 34.0 51.0

54 55.7 46.9 70.3

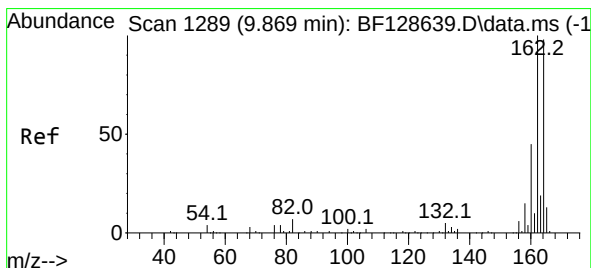
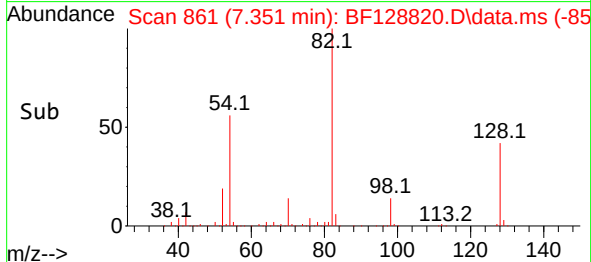
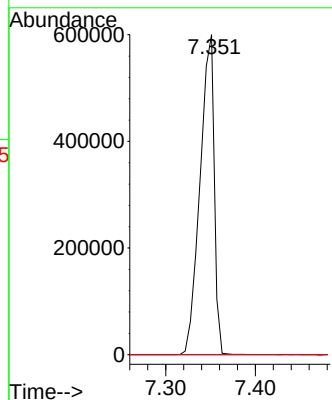
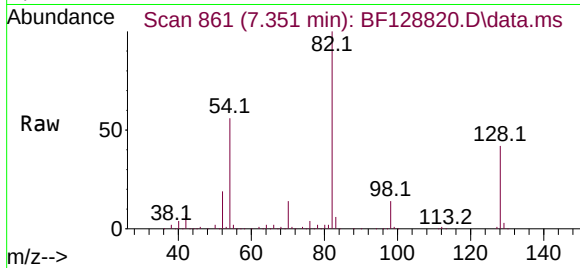




#25
Isophorone
Concen: 56.374 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

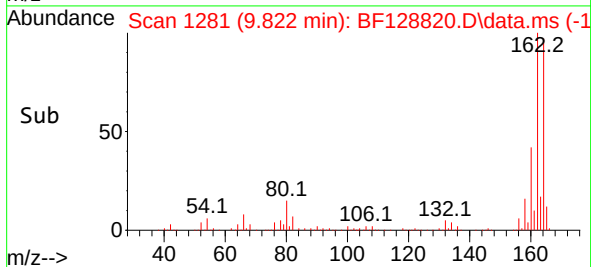
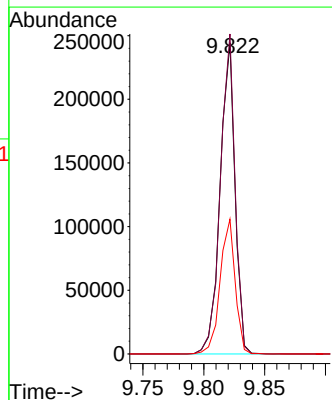
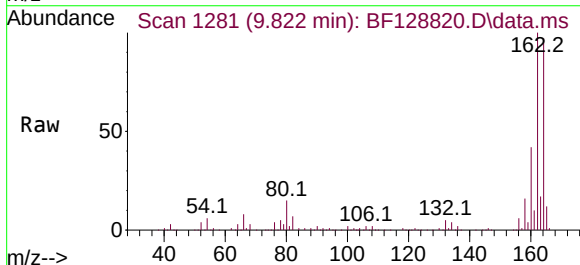
Instrument :
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ClientSampleId :
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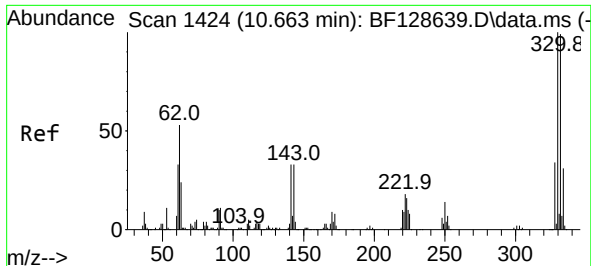
Tgt Ion: 82 Resp: 659514
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

Tgt Ion:164 Resp: 209000
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 120.149 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128820.D

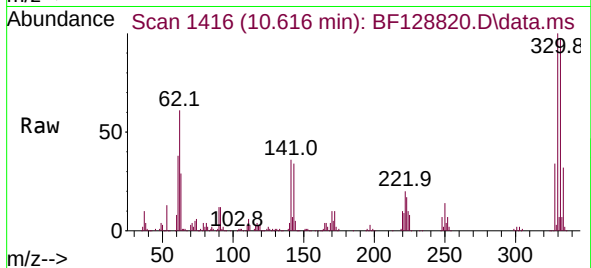
Acq: 15 Jun 2022 11:51

Instrument :

BNA_F

ClientSampleId :

PB145493TB



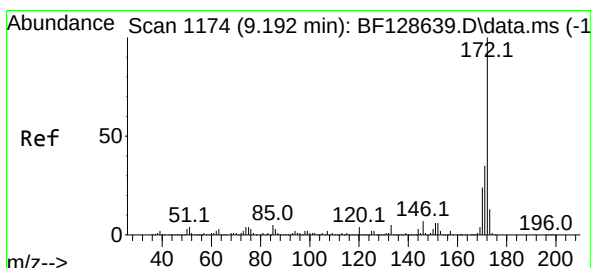
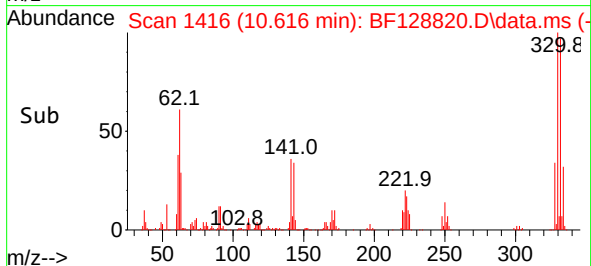
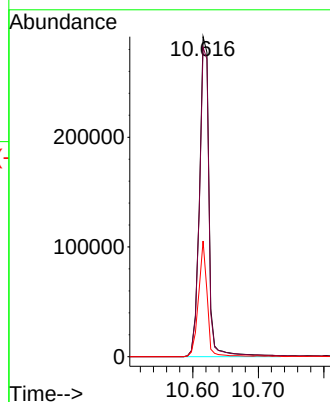
Tgt Ion:330 Resp: 296700

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 32.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.476 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128820.D

Acq: 15 Jun 2022 11:51

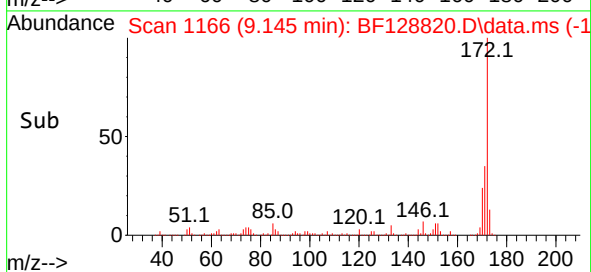
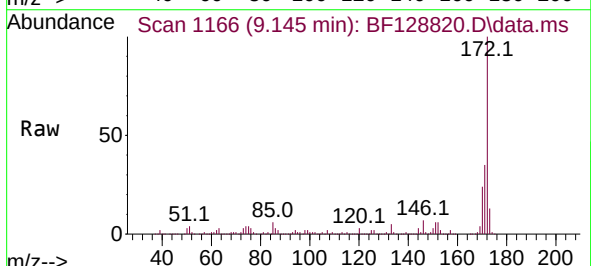
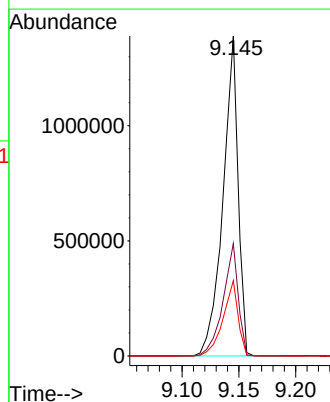
Tgt Ion:172 Resp: 1290223

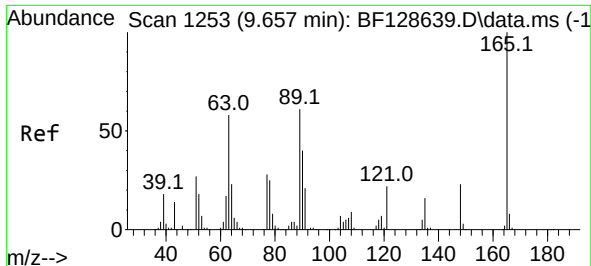
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.8 29.8

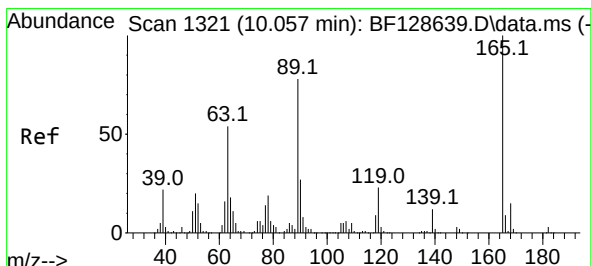
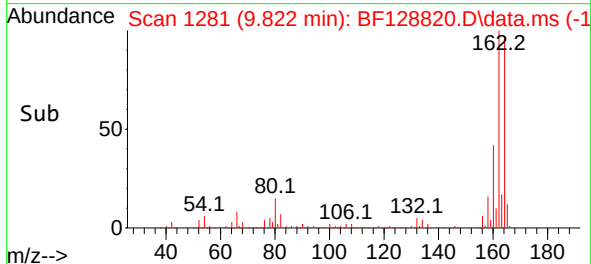
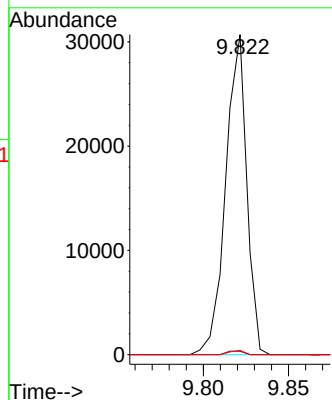
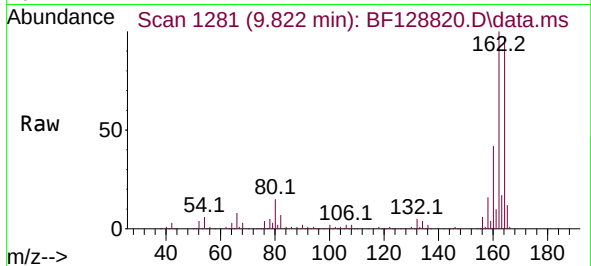




#51
2,6-Dinitrotoluene
Concen: 9.309 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.206 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

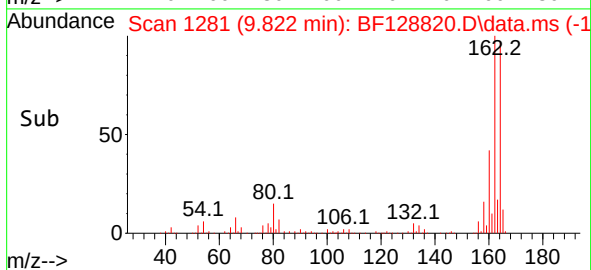
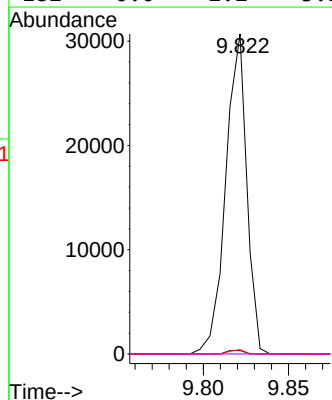
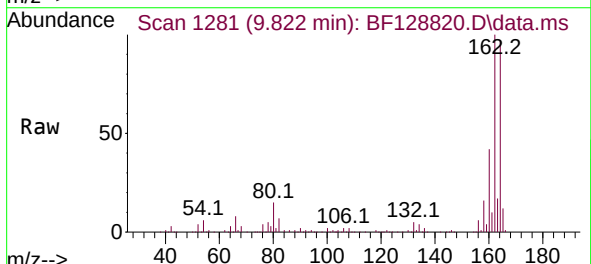
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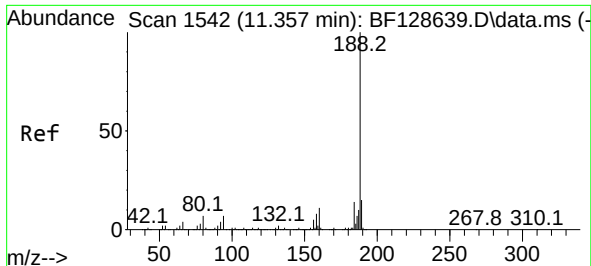
Tgt Ion:165 Resp: 26285
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.976 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.200 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

Tgt Ion:165 Resp: 26285
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#

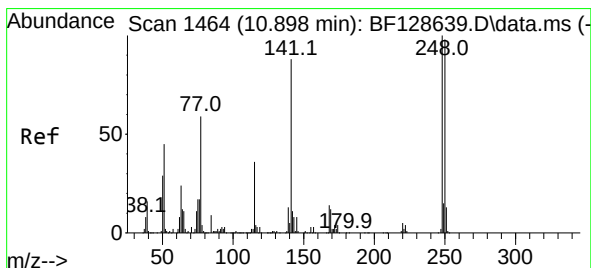
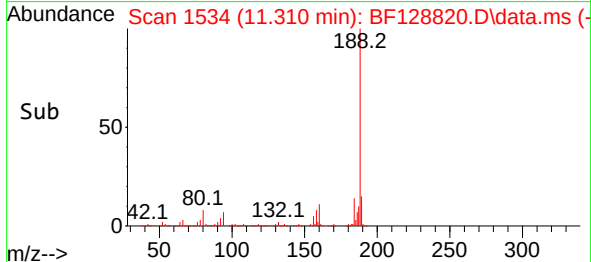
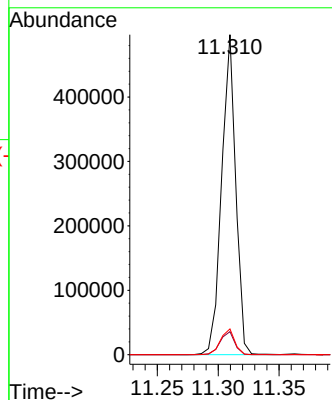
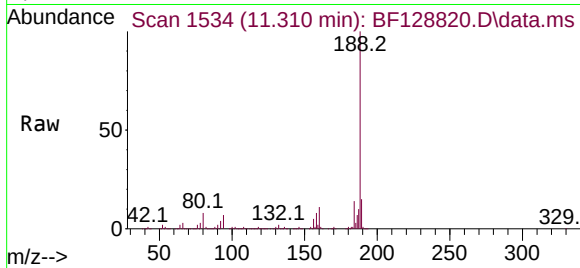




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

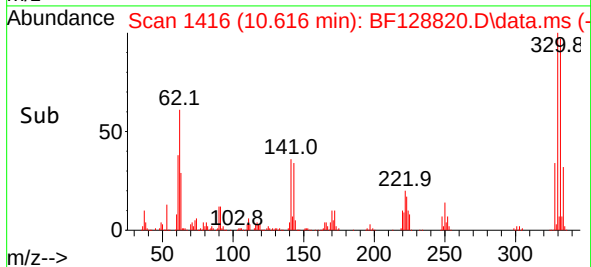
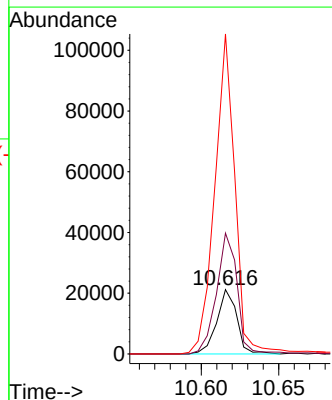
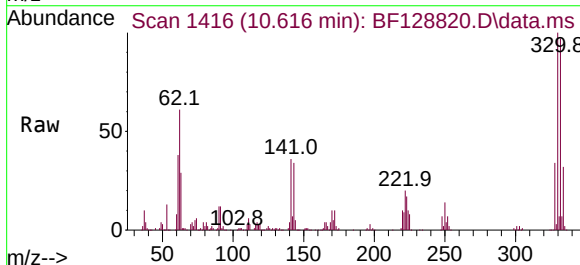
Instrument :
BNA_F
ClientSampleId :
PB145493TB

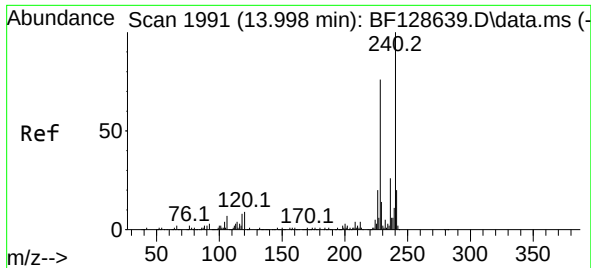
Tgt Ion:188 Resp: 401082
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.266 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

Tgt Ion:248 Resp: 19080
Ion Ratio Lower Upper
248 100
250 187.8 80.6 120.8#
141 497.4 58.9 88.3#

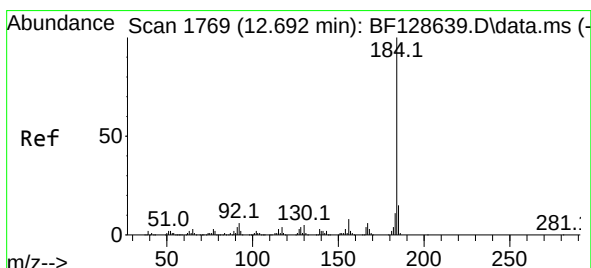
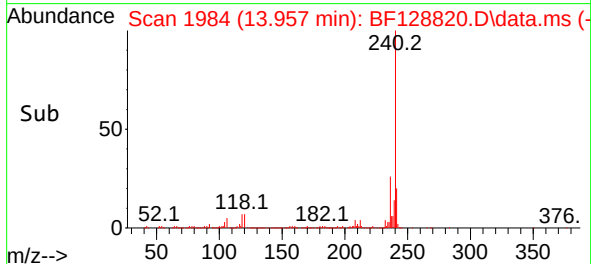
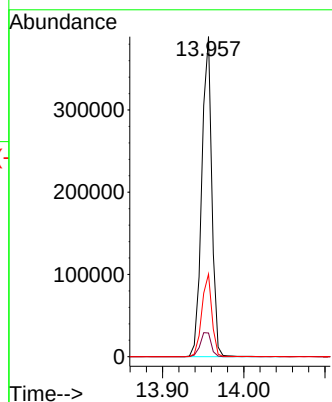
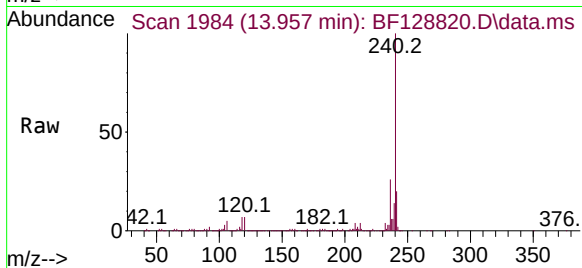




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

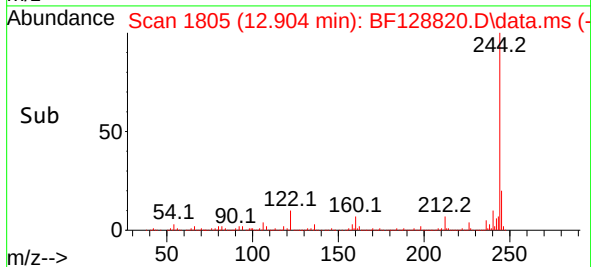
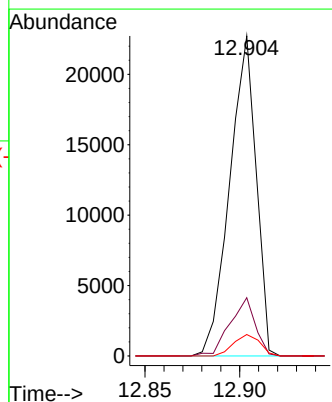
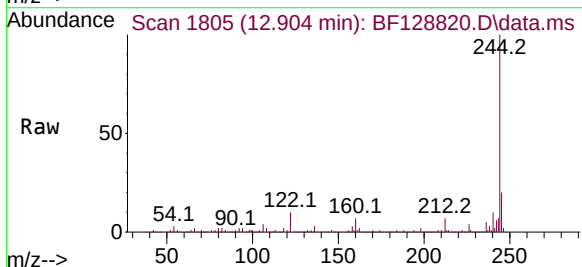
Instrument :
BNA_F
ClientSampleId :
PB145493TB

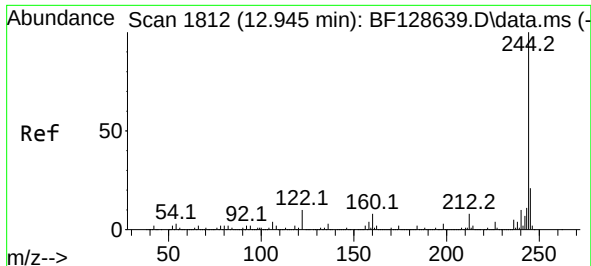
Tgt Ion:240 Resp: 335198
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 25.8 20.8 31.2



#77
Benzidine
Concen: 3.303 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.253 min
Lab File: BF128820.D
Acq: 15 Jun 2022 11:51

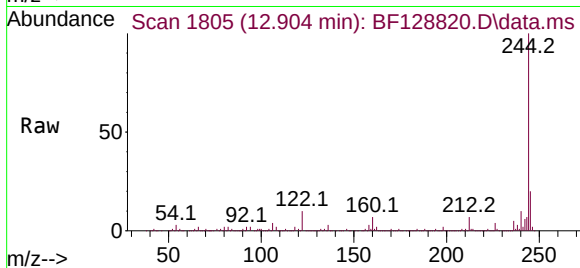
Tgt Ion:184 Resp: 22071
Ion Ratio Lower Upper
184 100
185 18.2 11.9 17.9#
183 6.7 9.3 13.9#





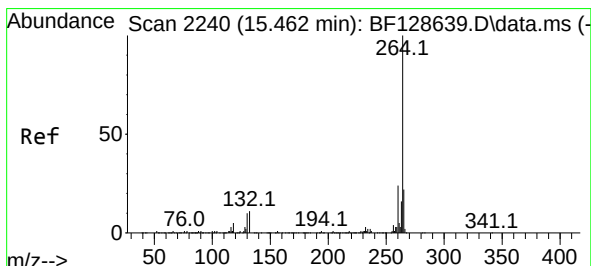
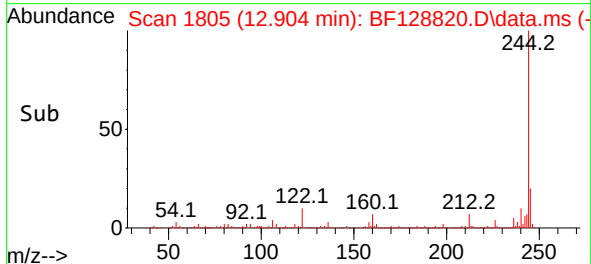
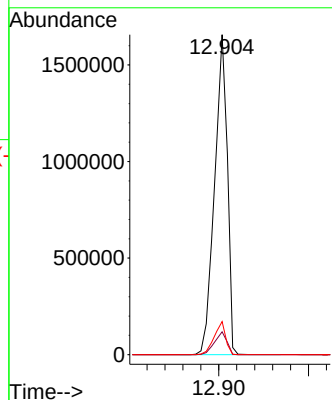
#79
 Terphenyl-d14
 Concen: 84.569 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128820.D
 Acq: 15 Jun 2022 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB145493TB



Tgt Ion:244 Resp: 1631378

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.4	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: BF128820.D
 Acq: 15 Jun 2022 11:51

Tgt Ion:264 Resp: 285926

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.4	17.2	25.8

