

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128942.D
 Acq On : 22 Jun 2022 20:19
 Operator : CG\JU
 Sample : N3422-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-12

Quant Time: Jun 23 01:32:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

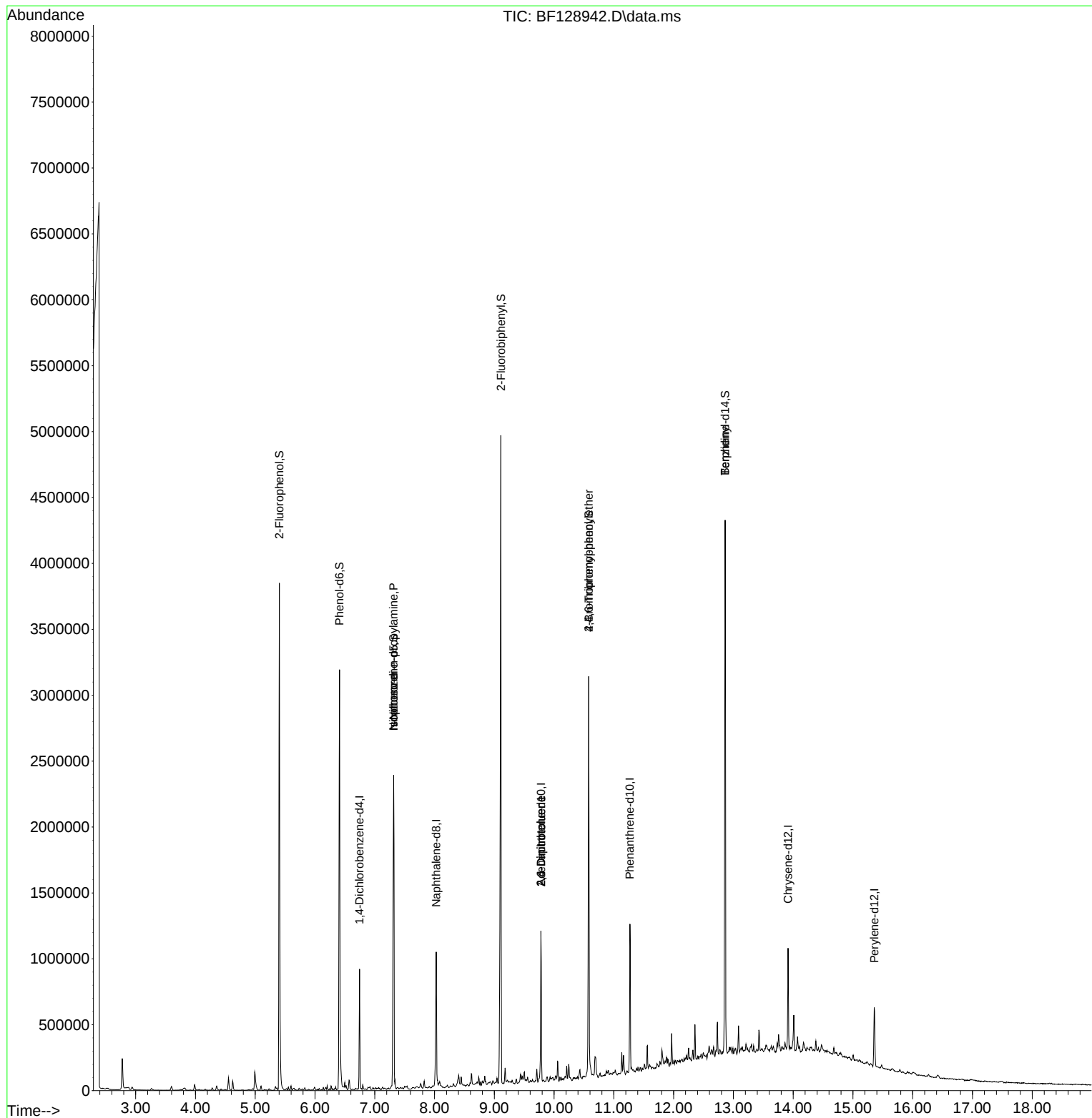
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	113796	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	433360	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	241101	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	414544	20.000	ng	-0.01
76) Chrysene-d12	13.916	240	247336	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	194112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	914538	128.010	ng	0.02
7) Phenol-d6	6.410	99	1088592	124.827	ng	0.00
23) Nitrobenzene-d5	7.316	82	923471	99.214	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	381376	133.876	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1648740	95.792	ng	0.00
79) Terphenyl-d14	12.863	244	1513390	106.322	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	132316	24.403	ng	# 77
25) Isophorone	7.316	82	920221	65.095	ng	# 65
51) 2,6-Dinitrotoluene	9.781	165	32237	9.897	ng	# 27
57) 2,4-Dinitrotoluene	9.781	165	32237	7.416	ng	# 22
67) 4-Bromophenyl-phenylether	10.581	248	25457	5.507	ng	# 1
77) Benzydine	12.863	184	22939	4.652	ng	95

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

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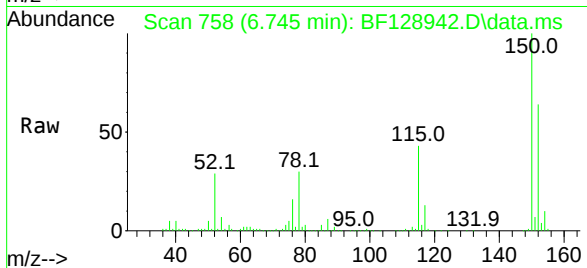
Quant Time: Jun 23 01:32:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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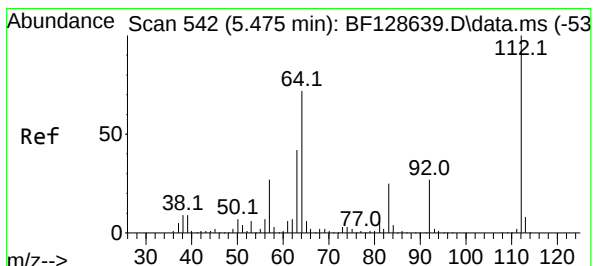
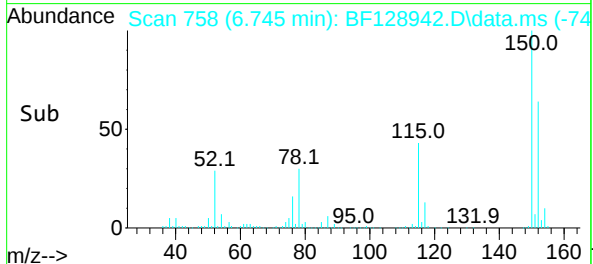
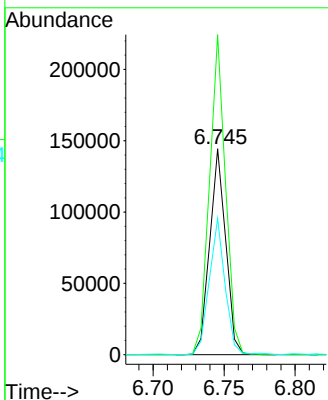


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

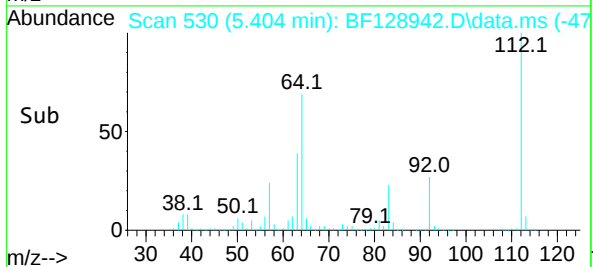
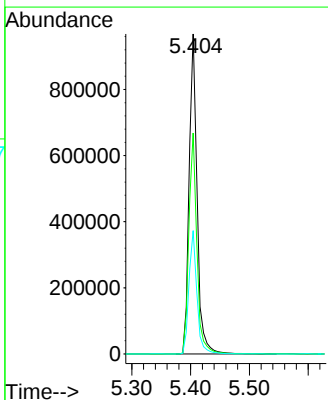
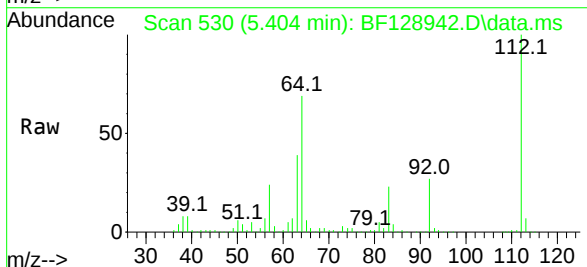


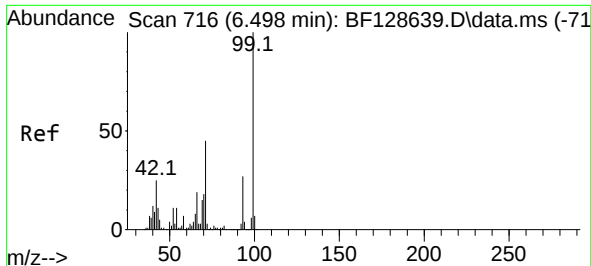
Tgt Ion:152 Resp: 113796
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 66.2 49.9 74.9



#5
2-Fluorophenol
Concen: 128.010 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.018 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Tgt Ion:112 Resp: 914538
Ion Ratio Lower Upper
112 100
64 69.0 53.3 79.9
63 38.6 28.0 42.0

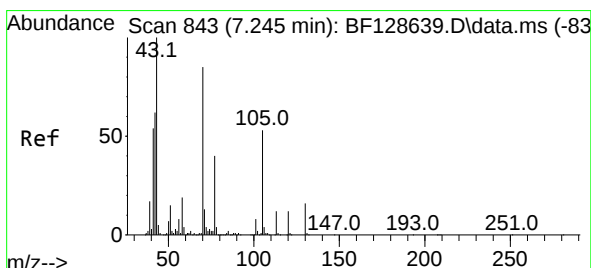
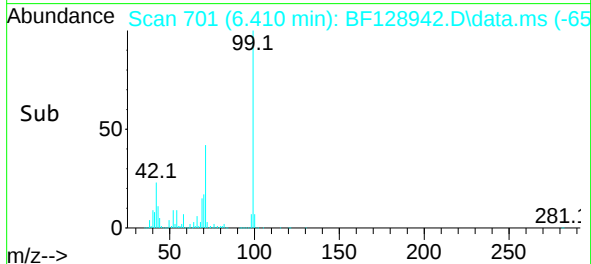
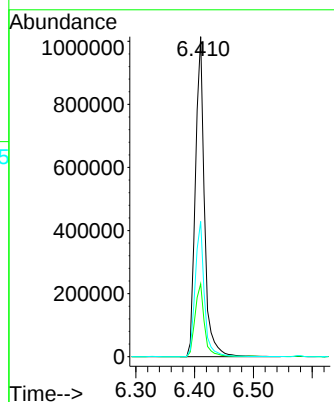
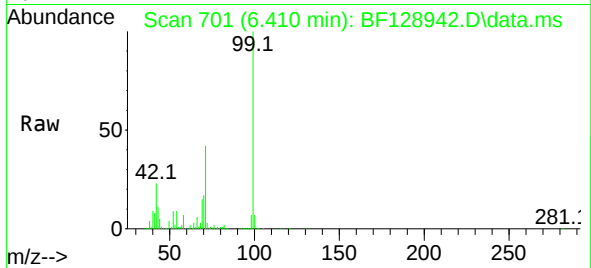




#7
Phenol-d6
Concen: 124.827 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

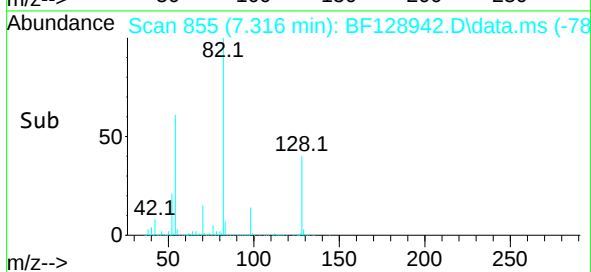
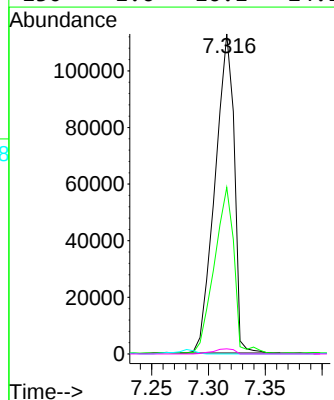
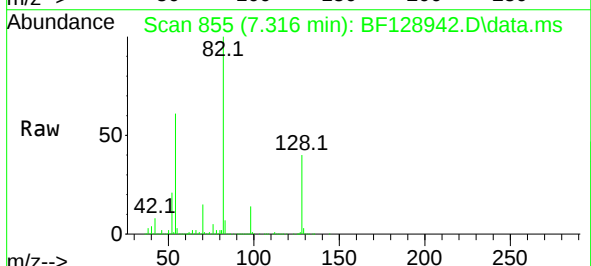
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

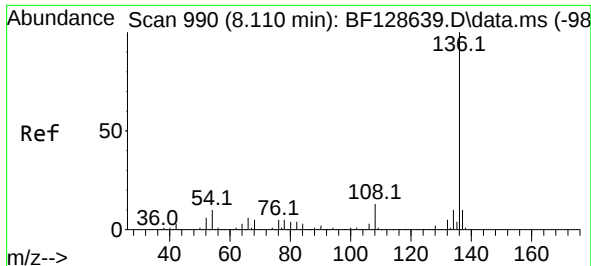
Tgt Ion: 99 Resp: 1088592
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 42.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.403 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Tgt Ion: 70 Resp: 132316
Ion Ratio Lower Upper
70 100
42 52.0 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

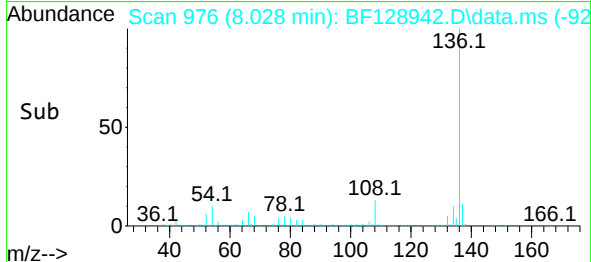
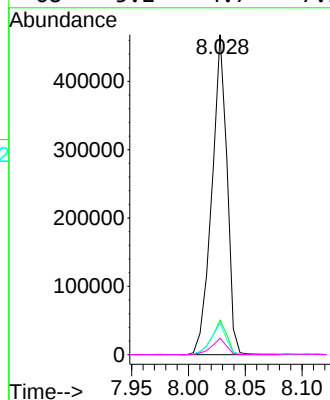
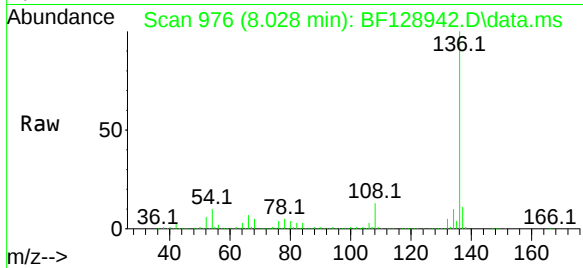




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

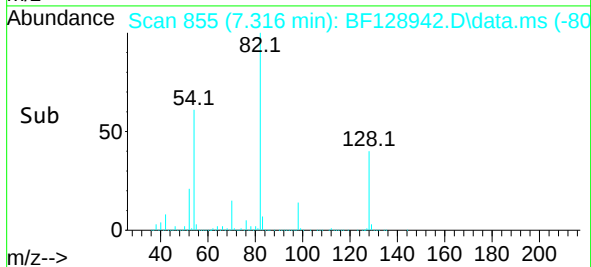
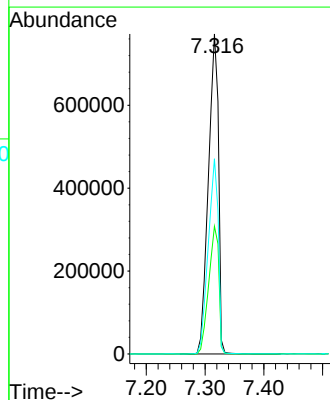
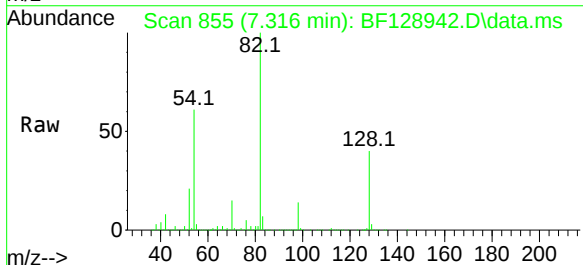
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

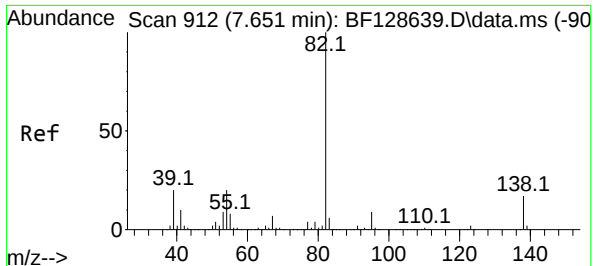
Tgt Ion:136 Resp: 433360
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.9 7.5 11.3
68 5.2 4.7 7.1



#23
Nitrobenzene-d5
Concen: 99.214 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Tgt Ion: 82 Resp: 923471
Ion Ratio Lower Upper
82 100
128 39.9 34.0 51.0
54 61.0 46.9 70.3

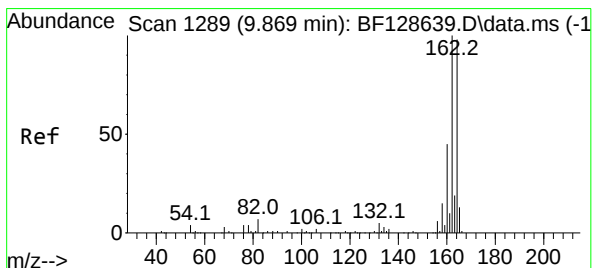
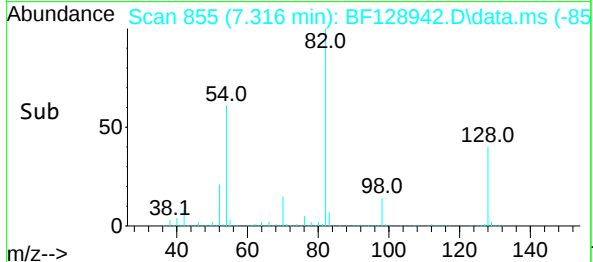
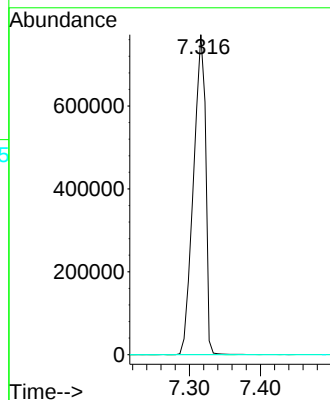
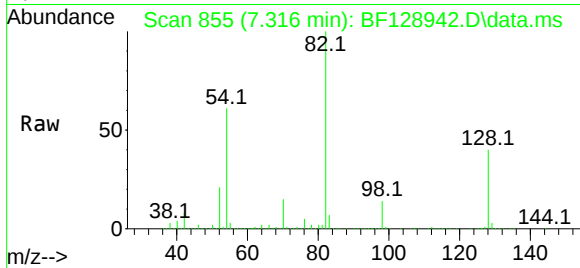




#25
Isophorone
Concen: 65.095 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

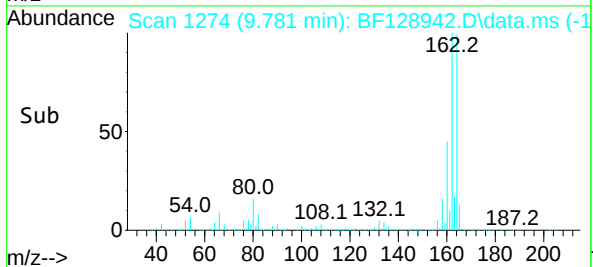
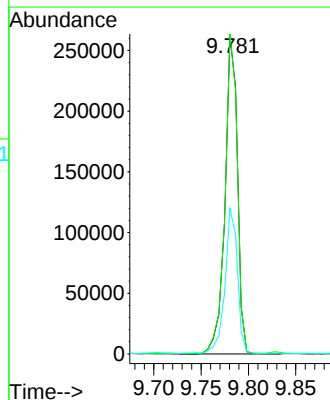
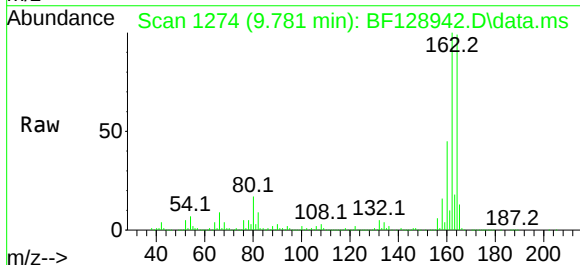
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

Tgt Ion: 82 Resp: 920221
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: 9.781 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Tgt Ion:164 Resp: 241101
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 45.7 34.2 51.4

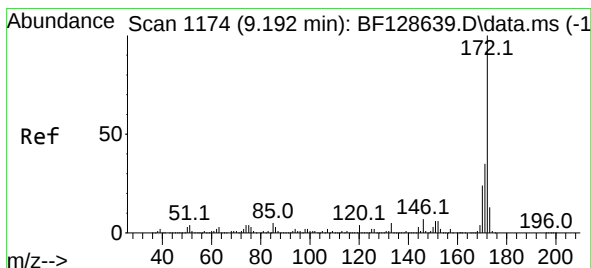
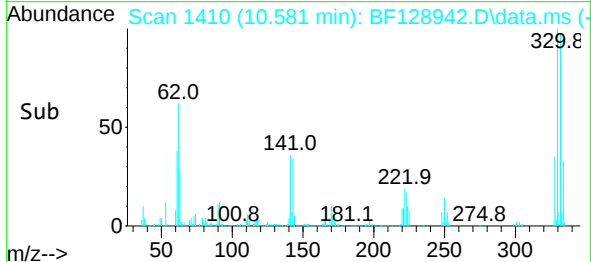
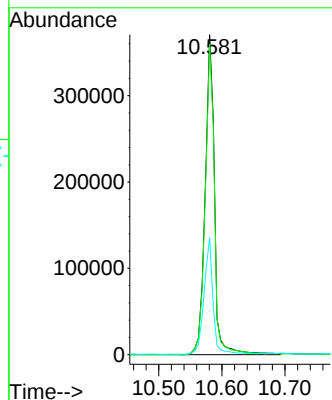
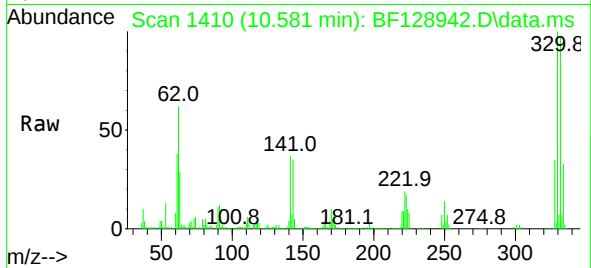




#42
2,4,6-Tribromophenol
Concen: 133.876 ng
RT: 10.581 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

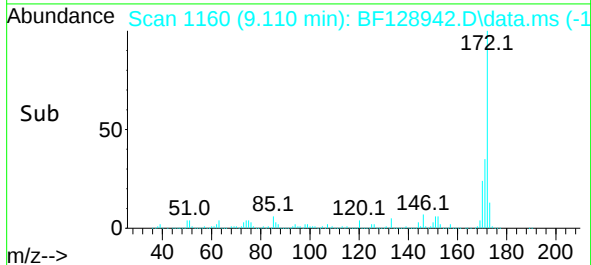
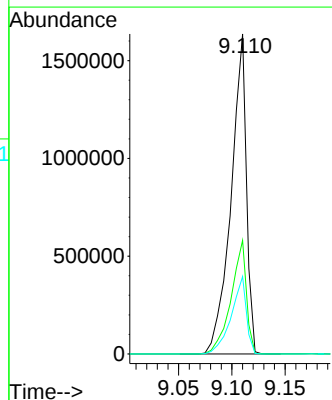
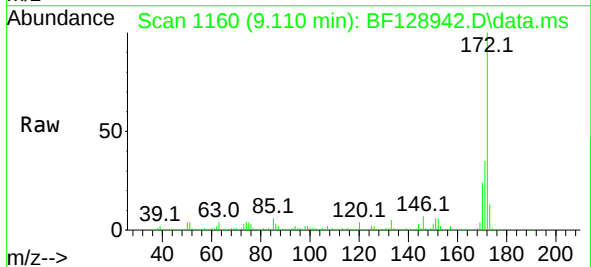
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

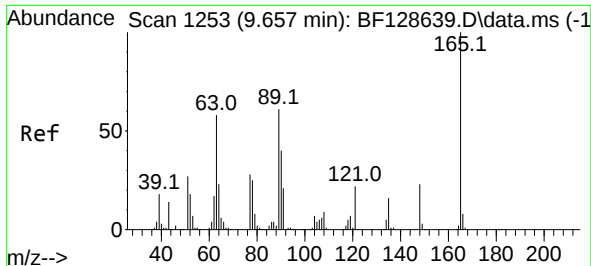
Tgt Ion:330 Resp: 381376
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 35.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 95.792 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Tgt Ion:172 Resp: 1648740
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.2 19.8 29.8

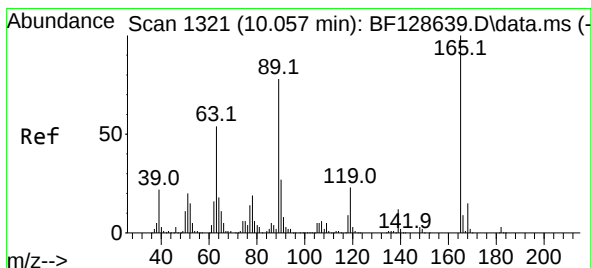
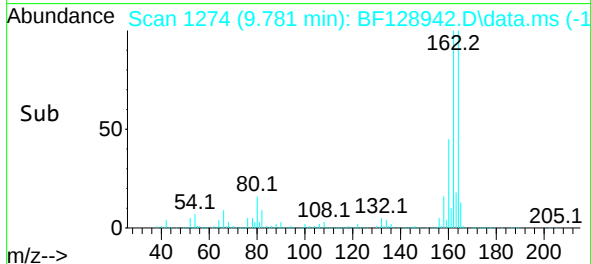
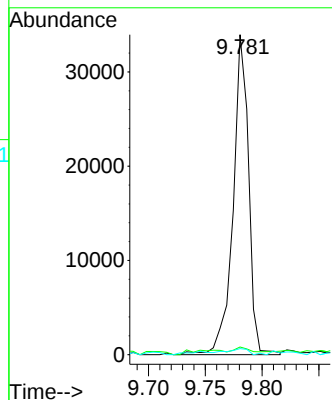
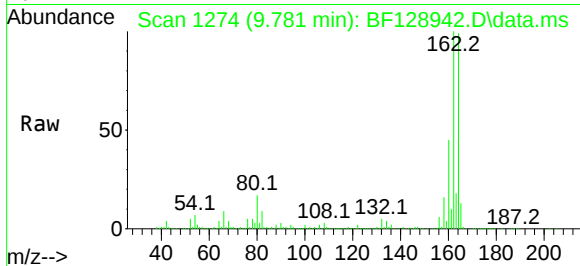




#51
2,6-Dinitrotoluene
Concen: 9.897 ng
RT: 9.781 min Scan# 1274
Delta R.T. 0.194 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

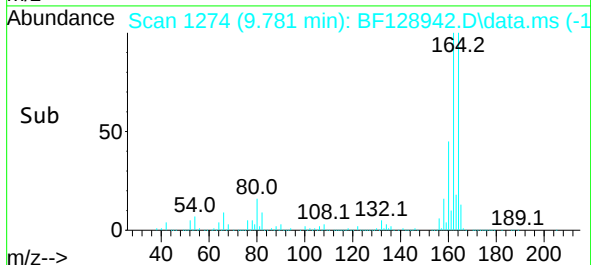
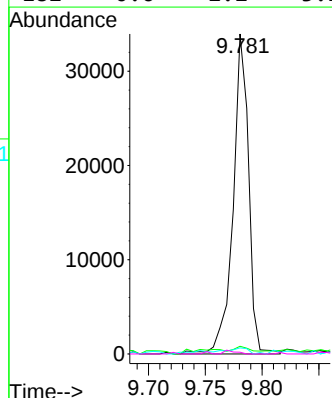
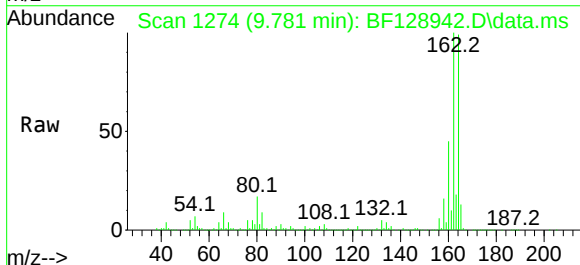
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WC-14A-1A-12

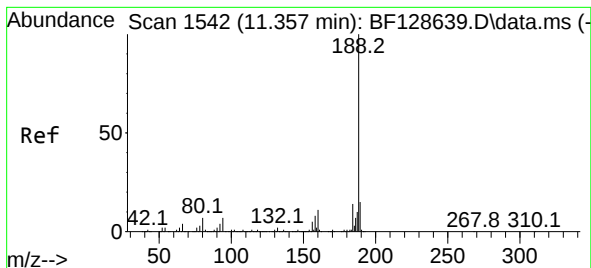
Tgt Ion:165 Resp: 32237
Ion Ratio Lower Upper
165 100
63 2.4 44.9 67.3#
89 1.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.416 ng
RT: 9.781 min Scan# 1274
Delta R.T. -0.212 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Tgt Ion:165 Resp: 32237
Ion Ratio Lower Upper
165 100
63 2.4 39.8 59.6#
89 1.9 60.2 90.2#
182 0.6 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128942.D

Acq: 22 Jun 2022 20:19

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

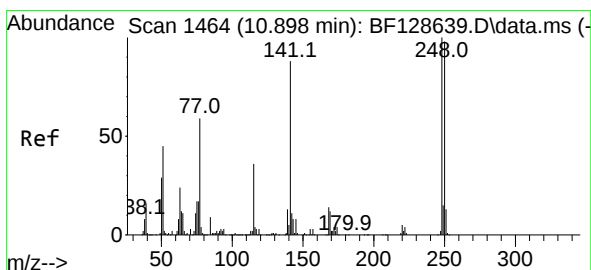
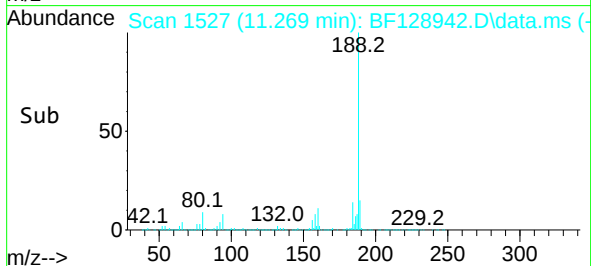
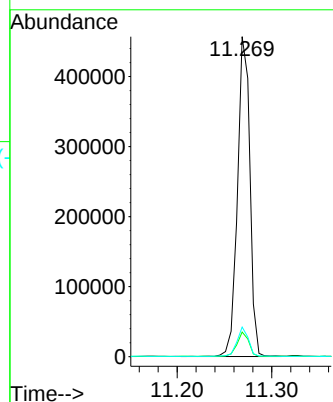
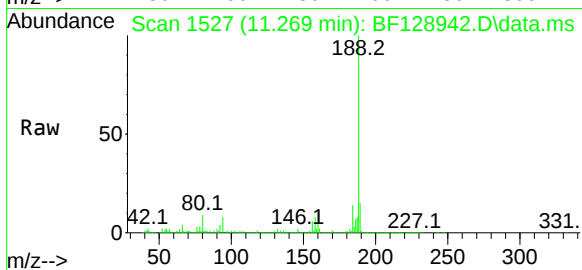
Tgt Ion:188 Resp: 414544

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 9.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.507 ng

RT: 10.581 min Scan# 1410

Delta R.T. -0.247 min

Lab File: BF128942.D

Acq: 22 Jun 2022 20:19

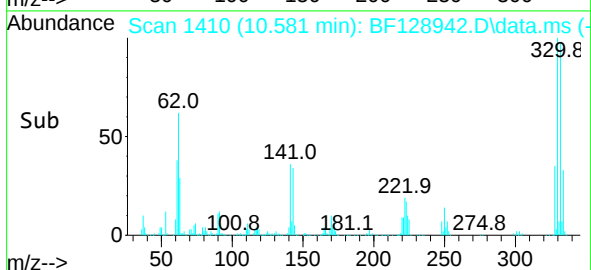
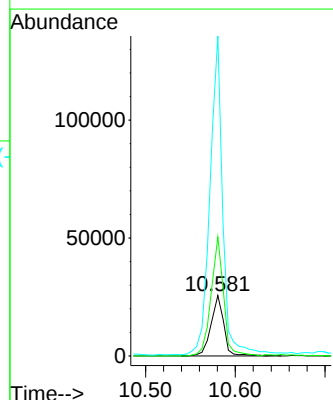
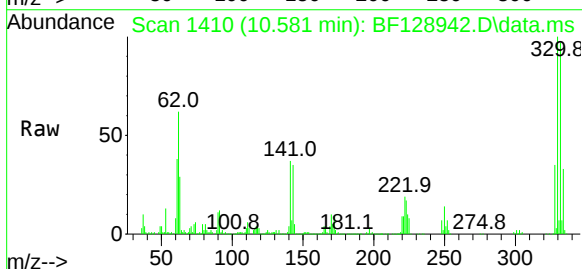
Tgt Ion:248 Resp: 25457

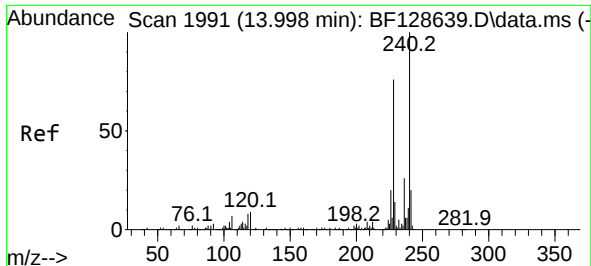
Ion Ratio Lower Upper

248 100

250 197.0 80.6 120.8#

141 529.2 58.9 88.3#

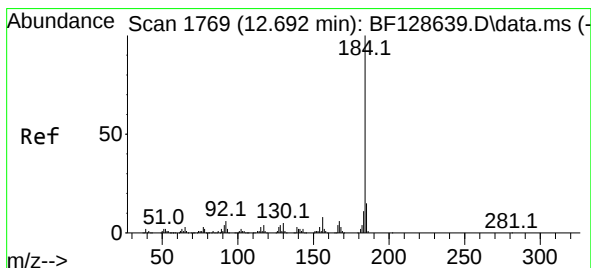
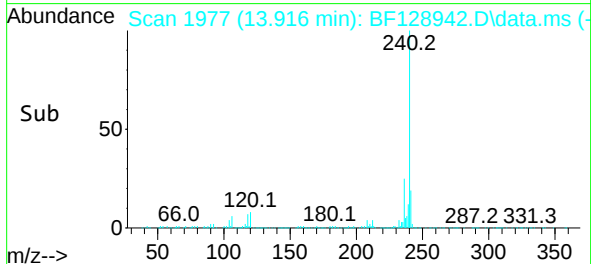
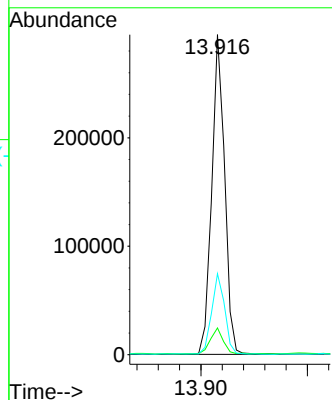
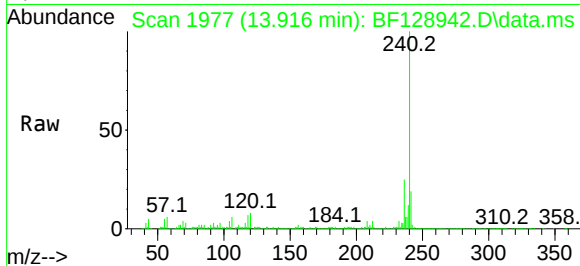




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

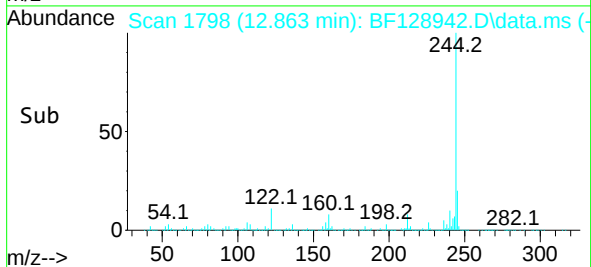
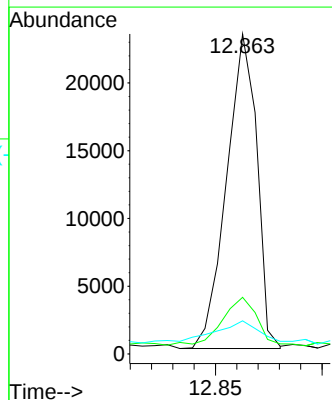
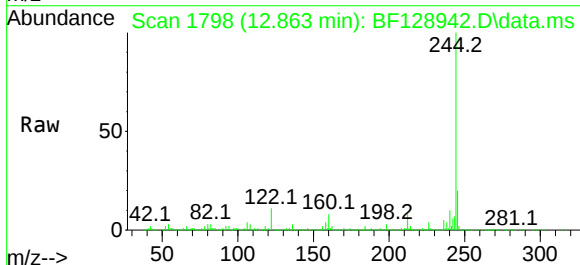
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

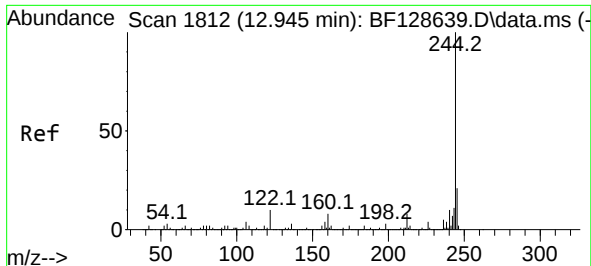
Tgt Ion:240 Resp: 247336
Ion Ratio Lower Upper
240 100
120 8.3 8.9 13.3#
236 25.3 20.8 31.2



#77
Benzidine
Concen: 4.652 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128942.D
Acq: 22 Jun 2022 20:19

Tgt Ion:184 Resp: 22939
Ion Ratio Lower Upper
184 100
185 17.7 11.9 17.9
183 10.4 9.3 13.9

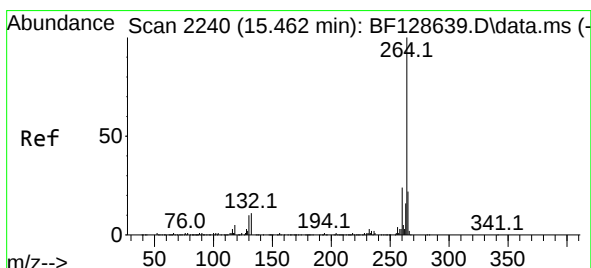
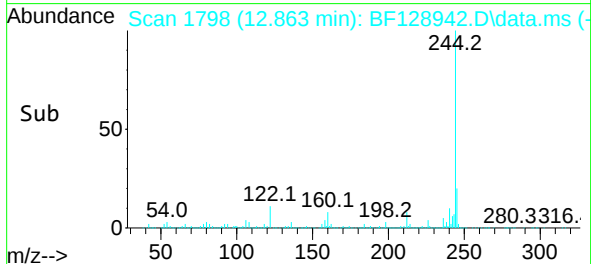
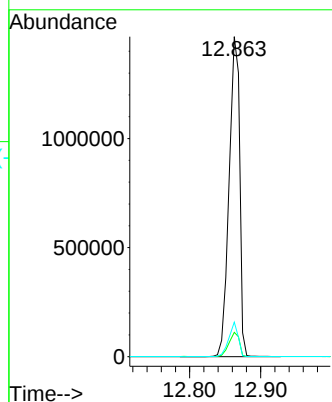
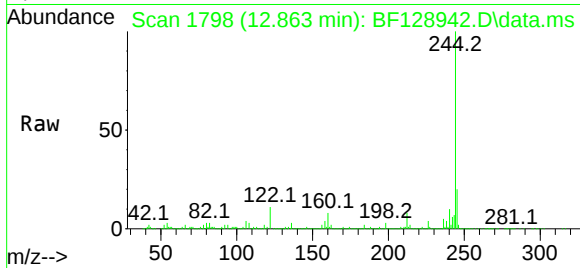




#79
 Terphenyl-d14
 Concen: 106.322 ng
 RT: 12.863 min Scan# 1798
 Delta R.T. -0.006 min
 Lab File: BF128942.D
 Acq: 22 Jun 2022 20:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-12

Tgt Ion:244 Resp: 1513390
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF128942.D
 Acq: 22 Jun 2022 20:19

Tgt Ion:264 Resp: 194112
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 22.5 17.2 25.8

