

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128805.D
 Acq On : 14 Jun 2022 17:44
 Operator : CG\JU
 Sample : N3304-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-9

Quant Time: Jun 15 01:01:46 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)

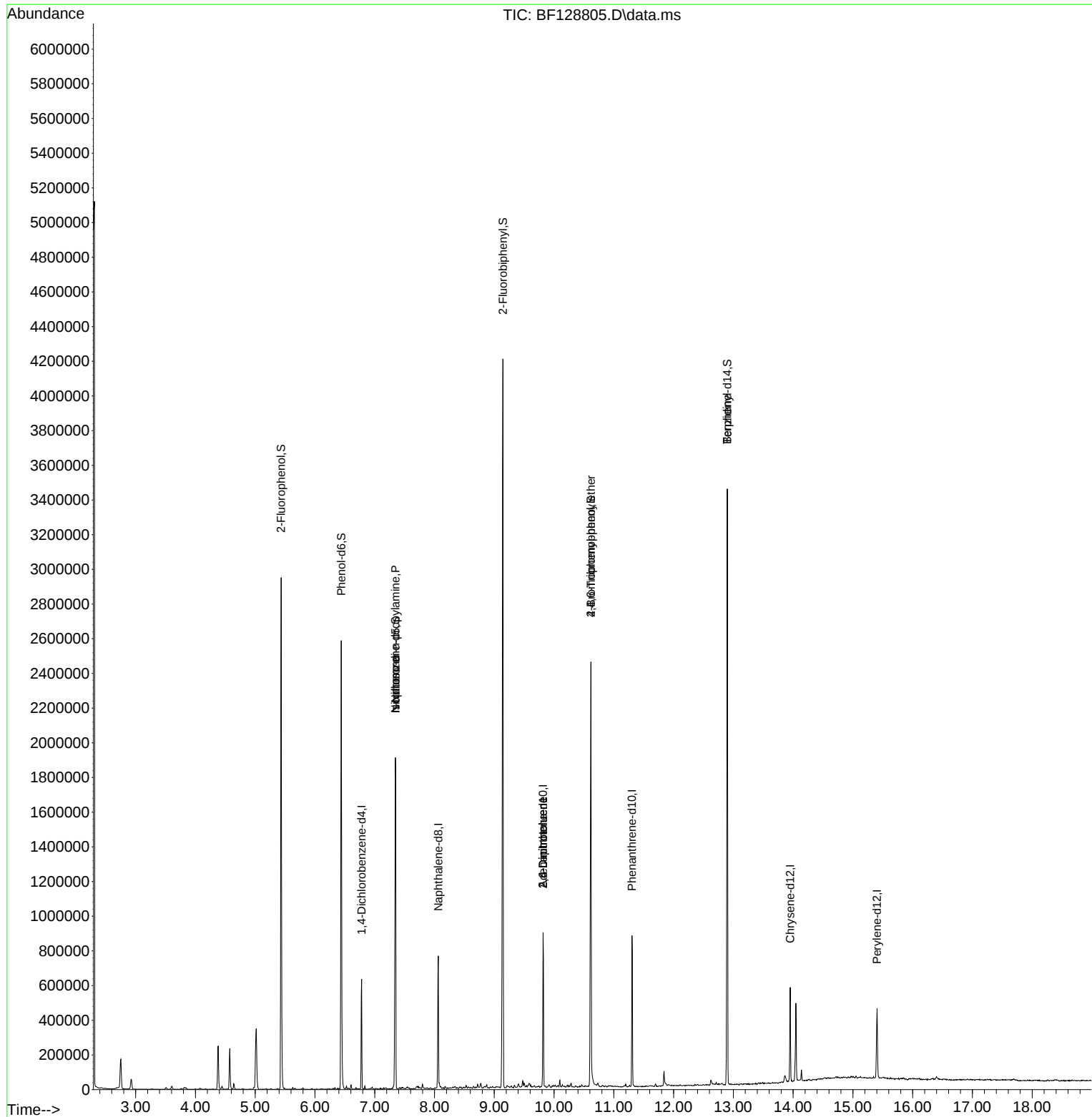
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	81816	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	317157	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	179076	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	309593	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	175930	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	167969	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	703387	136.939	ng	0.02
7) Phenol-d6	6.440	99	800146	127.615	ng	0.00
23) Nitrobenzene-d5	7.345	82	695304	102.071	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	311572	147.255	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1315430	102.898	ng	0.00
79) Terphenyl-d14	12.898	244	1147947	113.381	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	98309	25.218	ng	# 76
25) Isophorone	7.345	82	694408	67.119	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	22590	9.338	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	22590	6.997	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	20920	6.059	ng	# 1
77) Benzidine	12.898	184	16526	4.712	ng	# 95

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

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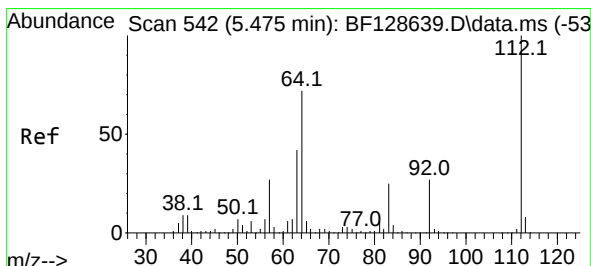
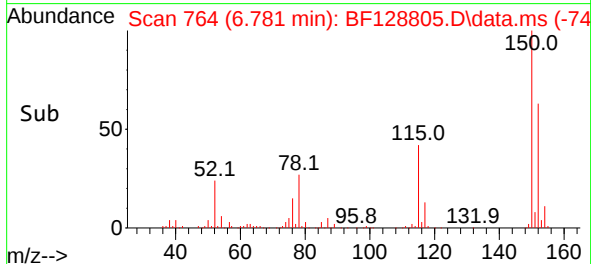
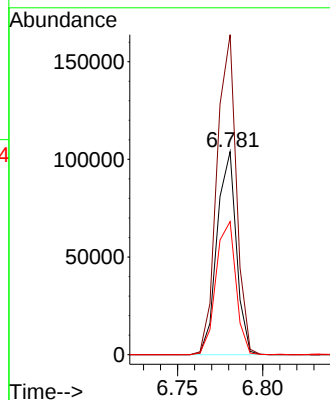
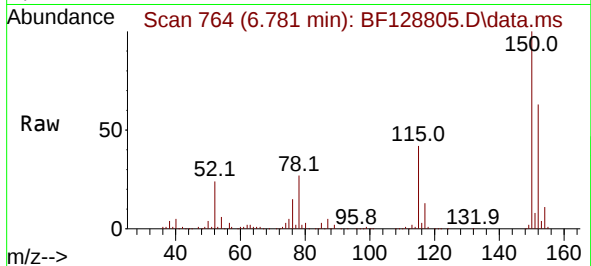




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

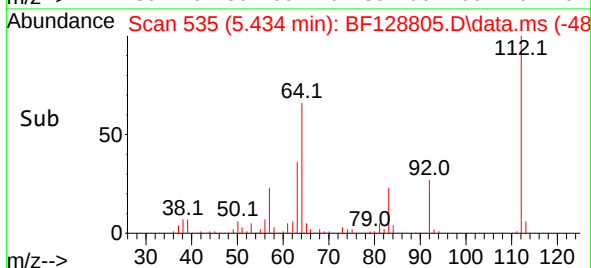
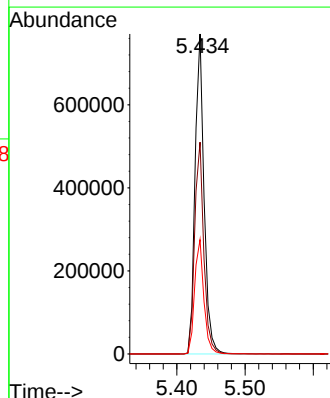
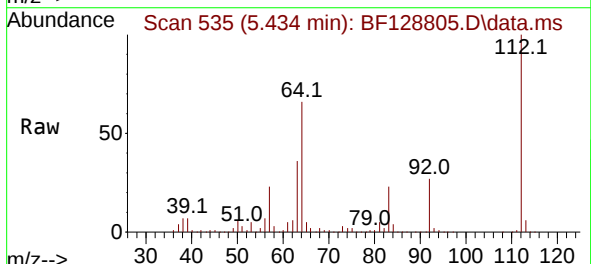
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

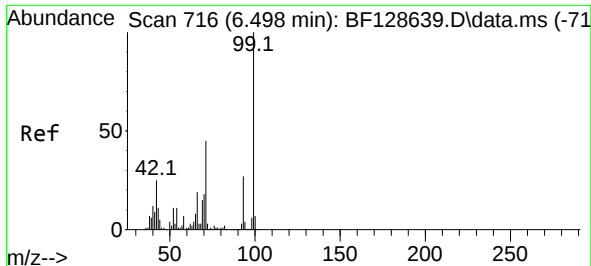
Tgt Ion:152 Resp: 81816
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 65.6 49.9 74.9



#5
2-Fluorophenol
Concen: 136.939 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.018 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

Tgt Ion:112 Resp: 703387
Ion Ratio Lower Upper
112 100
64 66.2 53.3 79.9
63 35.7 28.0 42.0

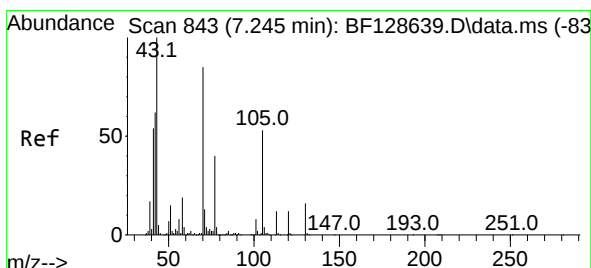
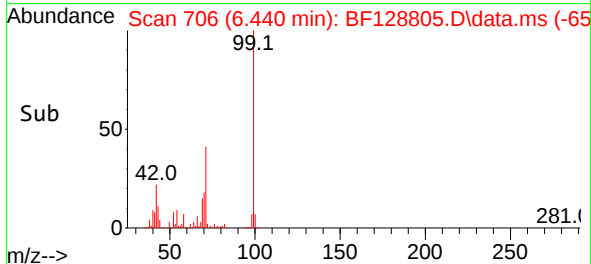
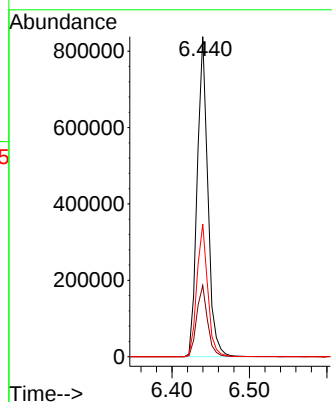
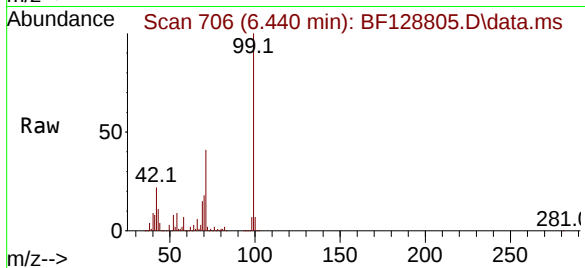




#7
Phenol-d6
Concen: 127.615 ng
RT: 6.440 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

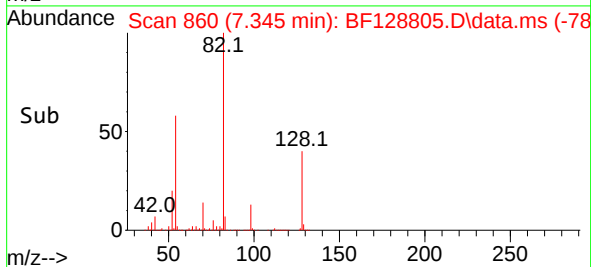
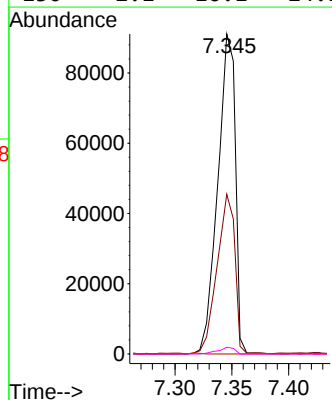
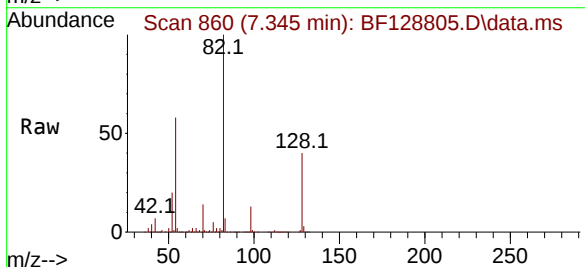
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

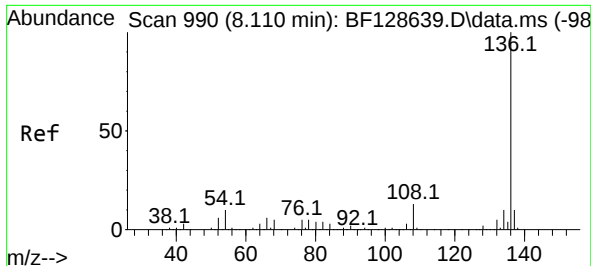
Tgt Ion: 99 Resp: 800146
Ion Ratio Lower Upper
99 100
42 22.3 17.3 25.9
71 41.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.218 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

Tgt Ion: 70 Resp: 98309
Ion Ratio Lower Upper
70 100
42 49.9 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

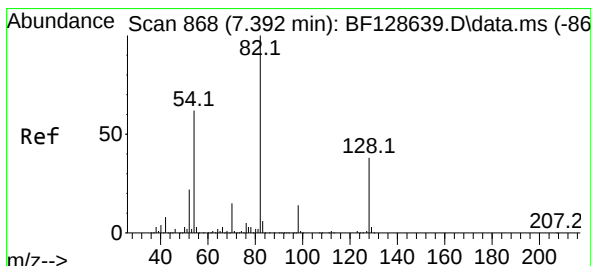
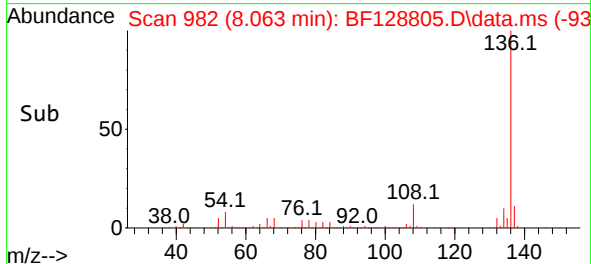
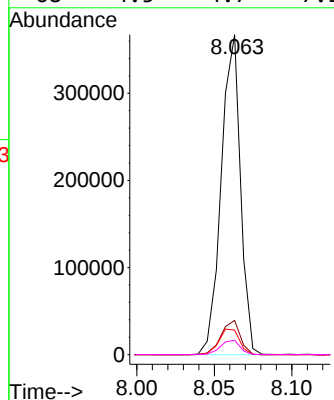
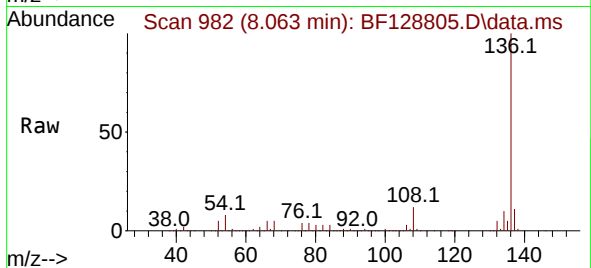




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

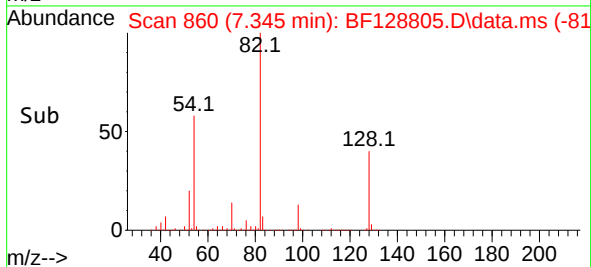
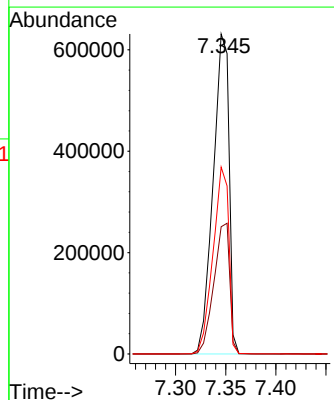
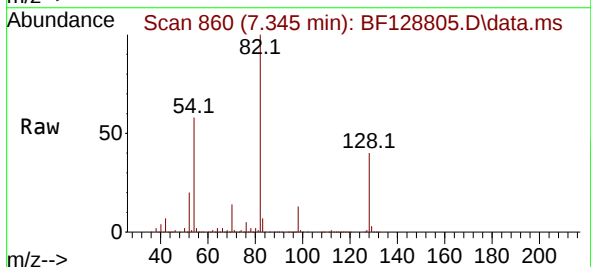
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Tgt Ion:136	Resp:	317157	
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.7	7.5	11.3
68	4.5	4.7	7.1#



#23
Nitrobenzene-d5
Concen: 102.071 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

Tgt Ion: 82	Resp: 695304
Ion Ratio	Lower Upper
82 100	
128 39.8	34.0 51.0
54 58.4	46.9 70.3

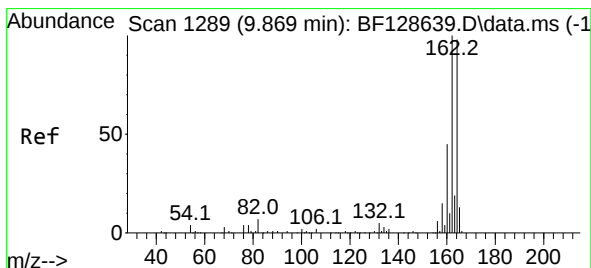
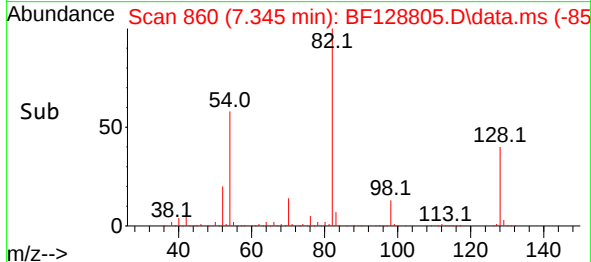
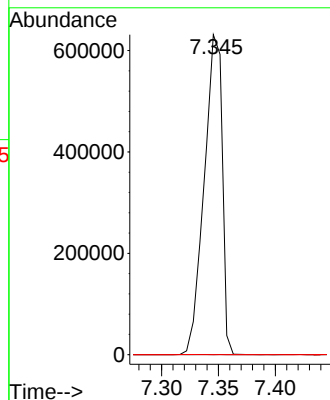
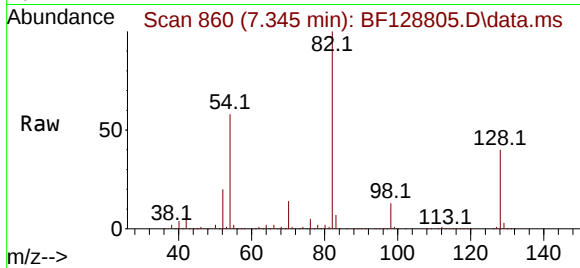




#25
Isophorone
Concen: 67.119 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

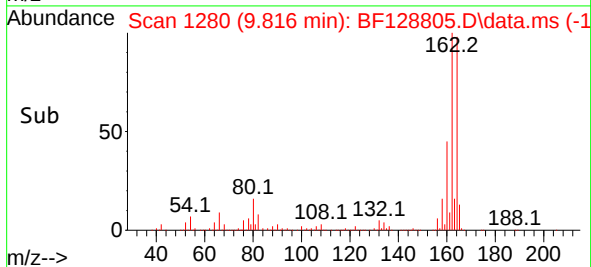
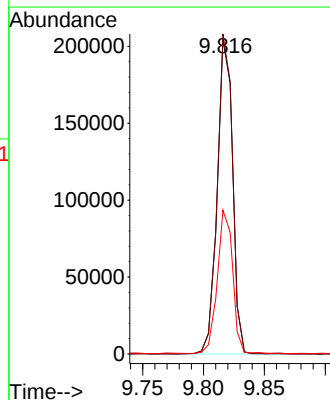
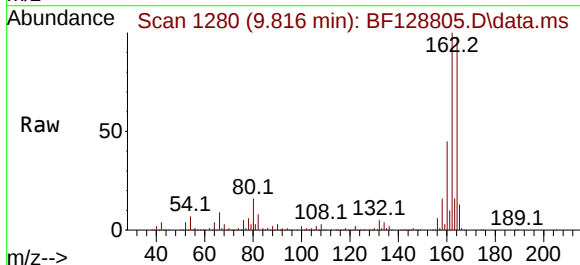
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

Tgt Ion: 82 Resp: 694408
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: 9.816 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

Tgt Ion:164 Resp: 179076
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 147.255 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128805.D

Acq: 14 Jun 2022 17:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-9

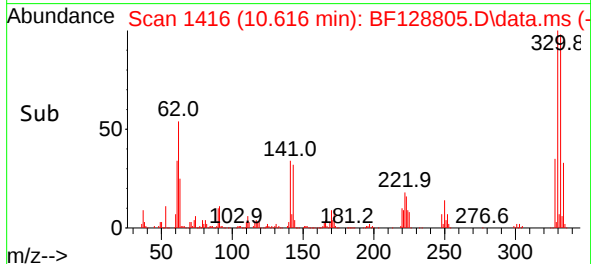
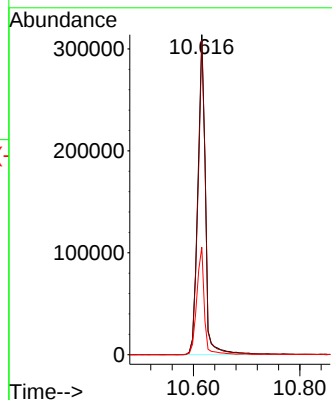
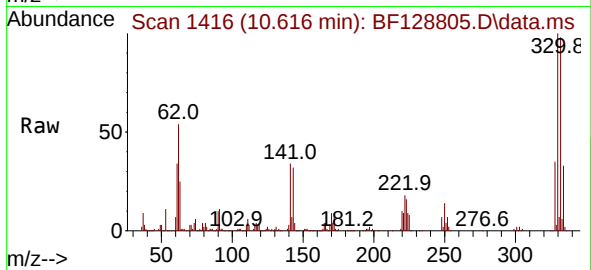
Tgt Ion:330 Resp: 311572

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 33.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 102.898 ng

RT: 9.145 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF128805.D

Acq: 14 Jun 2022 17:44

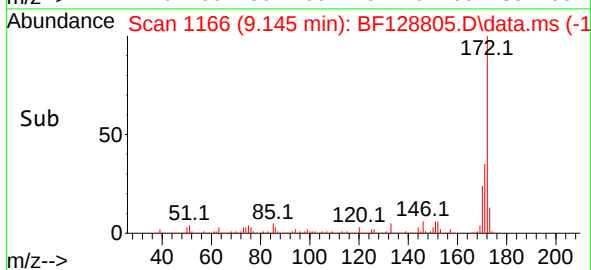
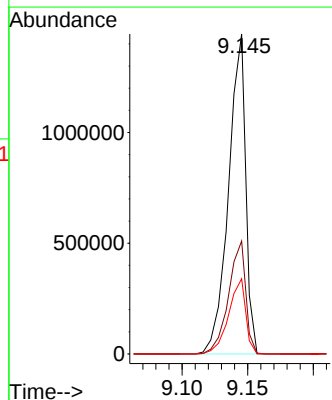
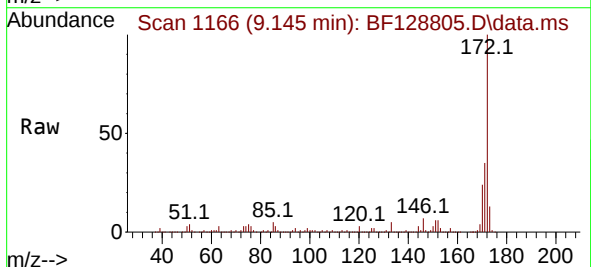
Tgt Ion:172 Resp: 1315430

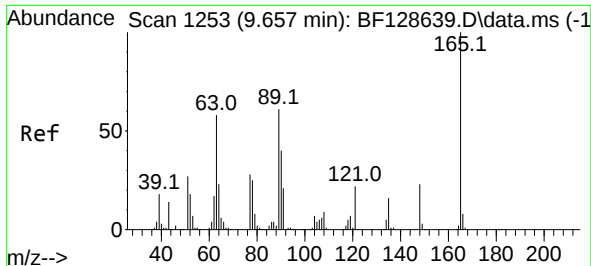
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 19.8 29.8

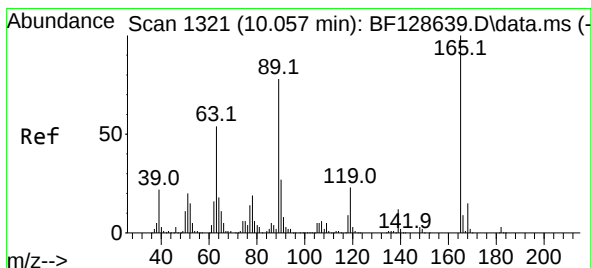
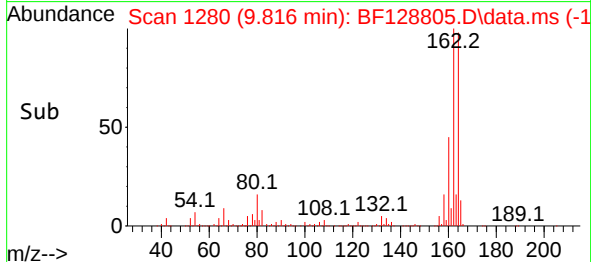
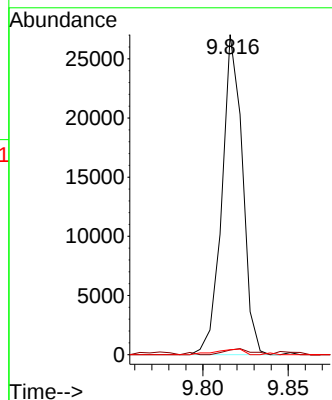
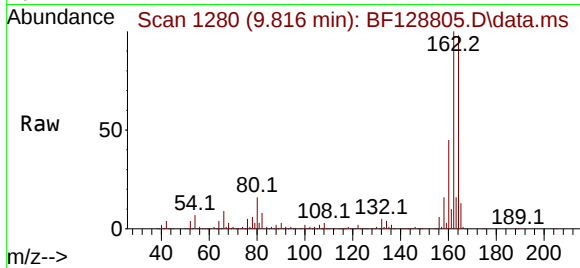




#51
2,6-Dinitrotoluene
Concen: 9.338 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.200 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

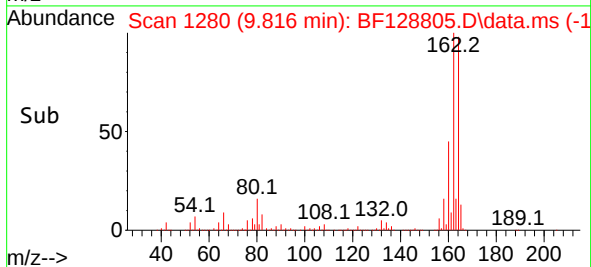
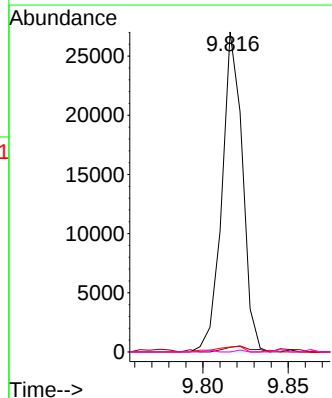
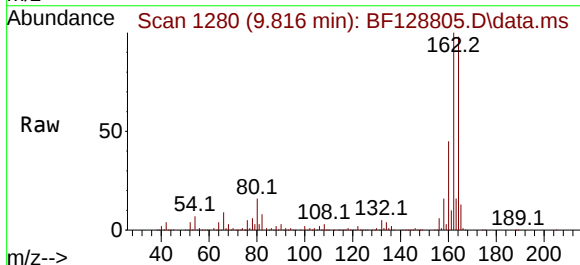
Instrument :
BNA_F
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WC-14A-1A-9

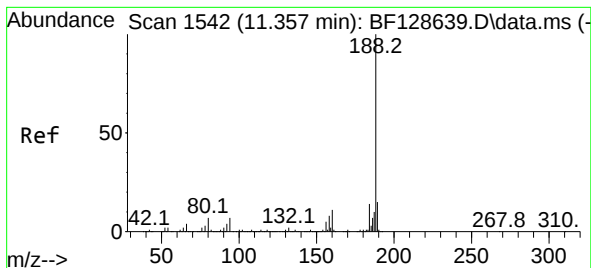
Tgt Ion:165 Resp: 22590
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.997 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

Tgt Ion:165 Resp: 22590
Ion Ratio Lower Upper
165 100
63 1.4 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128805.D

Acq: 14 Jun 2022 17:44

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-9

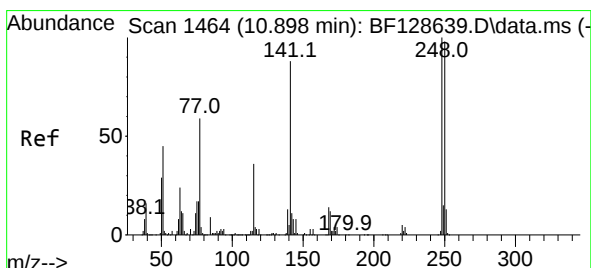
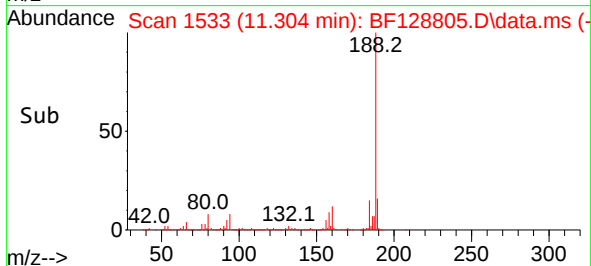
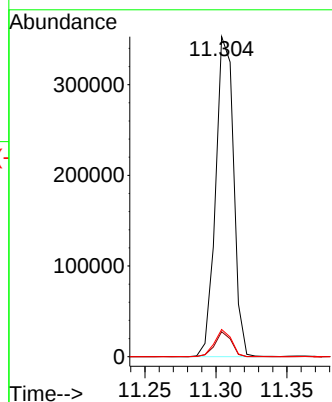
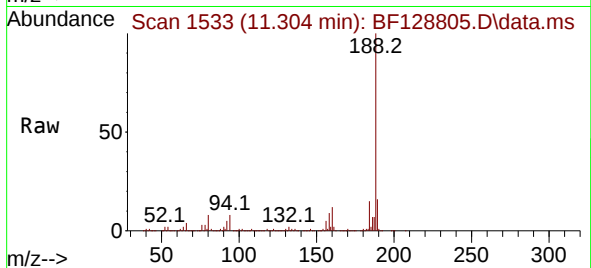
Tgt Ion:188 Resp: 309593

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 8.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 6.059 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.241 min

Lab File: BF128805.D

Acq: 14 Jun 2022 17:44

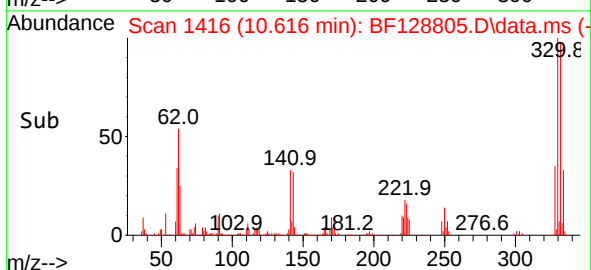
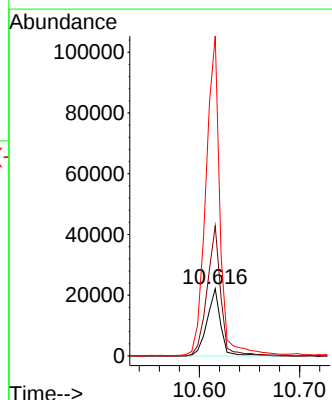
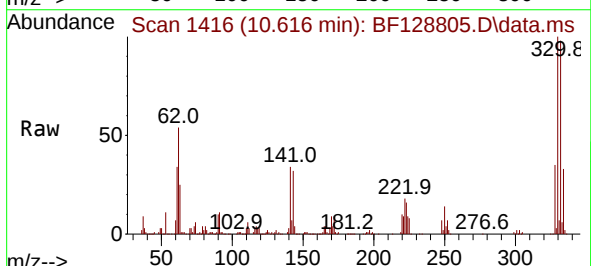
Tgt Ion:248 Resp: 20920

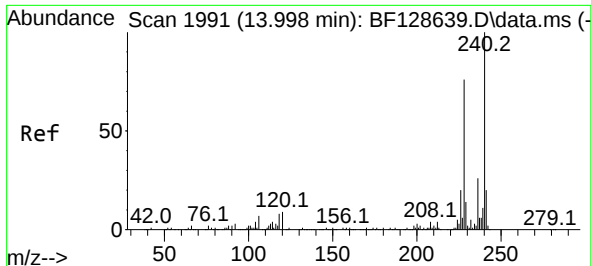
Ion Ratio Lower Upper

248 100

250 193.5 80.6 120.8#

141 476.0 58.9 88.3#

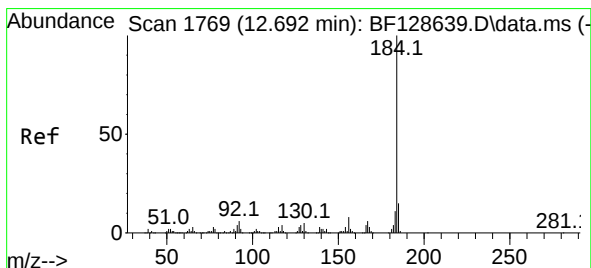
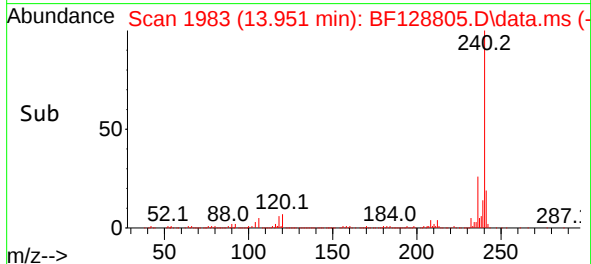
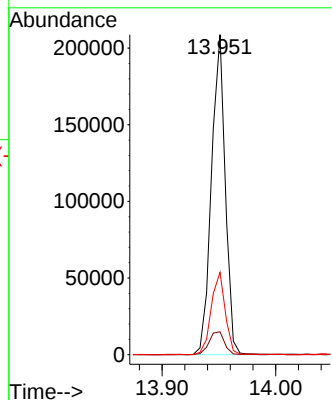
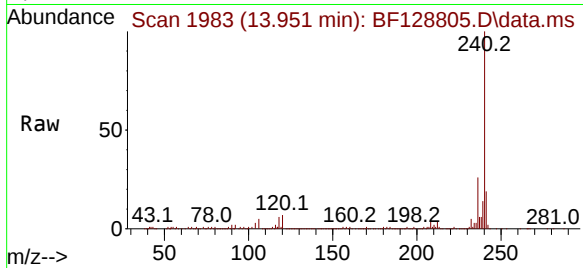




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

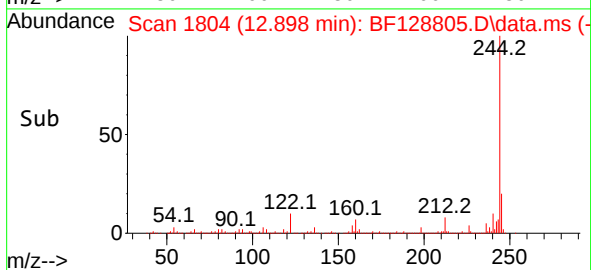
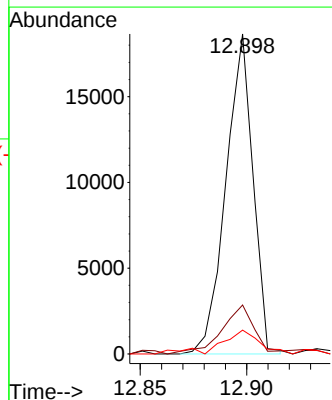
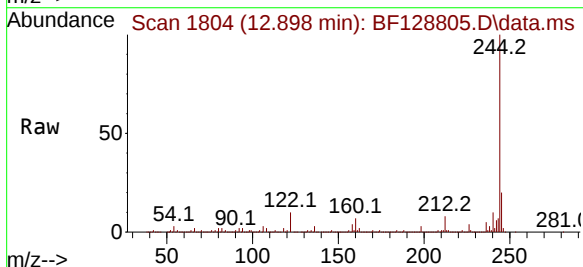
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9

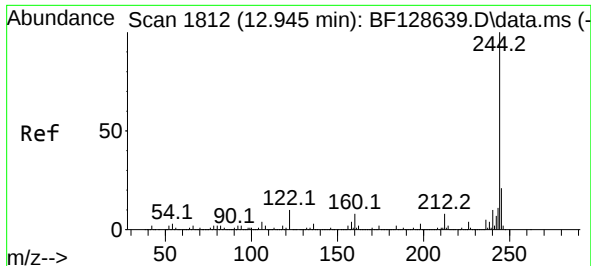
Tgt Ion:240 Resp: 175930
Ion Ratio Lower Upper
240 100
120 7.1 8.9 13.3#
236 25.8 20.8 31.2



#77
Benzidine
Concen: 4.712 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.247 min
Lab File: BF128805.D
Acq: 14 Jun 2022 17:44

Tgt Ion:184 Resp: 16526
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 7.4 9.3 13.9#

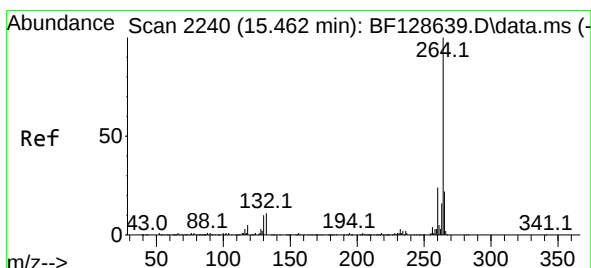
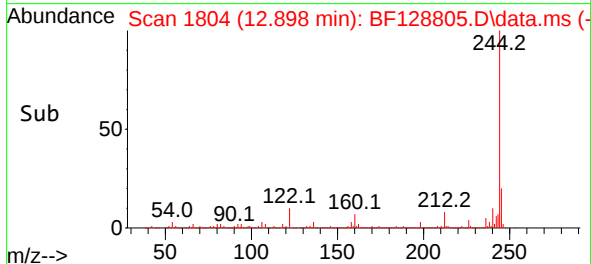
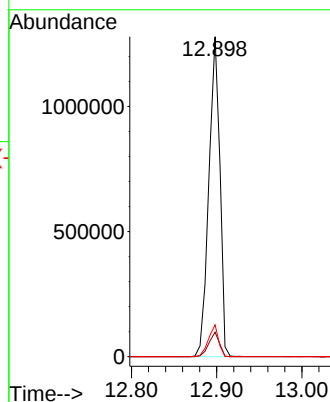
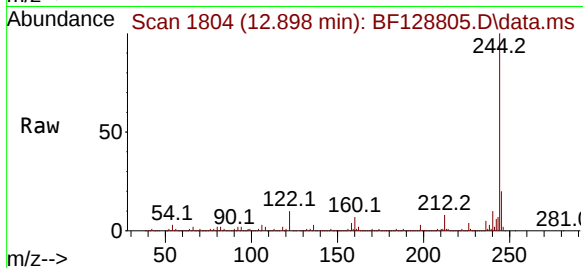




#79
 Terphenyl-d14
 Concen: 113.381 ng
 RT: 12.898 min Scan# 1812
 Delta R.T. -0.006 min
 Lab File: BF128805.D
 Acq: 14 Jun 2022 17:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-9

Tgt Ion:244 Resp: 1147947
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: BF128805.D
 Acq: 14 Jun 2022 17:44

Tgt Ion:264 Resp: 167969
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 20.4 17.2 25.8

