

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128802.D
 Acq On : 14 Jun 2022 16:15
 Operator : CG\JU
 Sample : N3304-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 15 01:01:25 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)

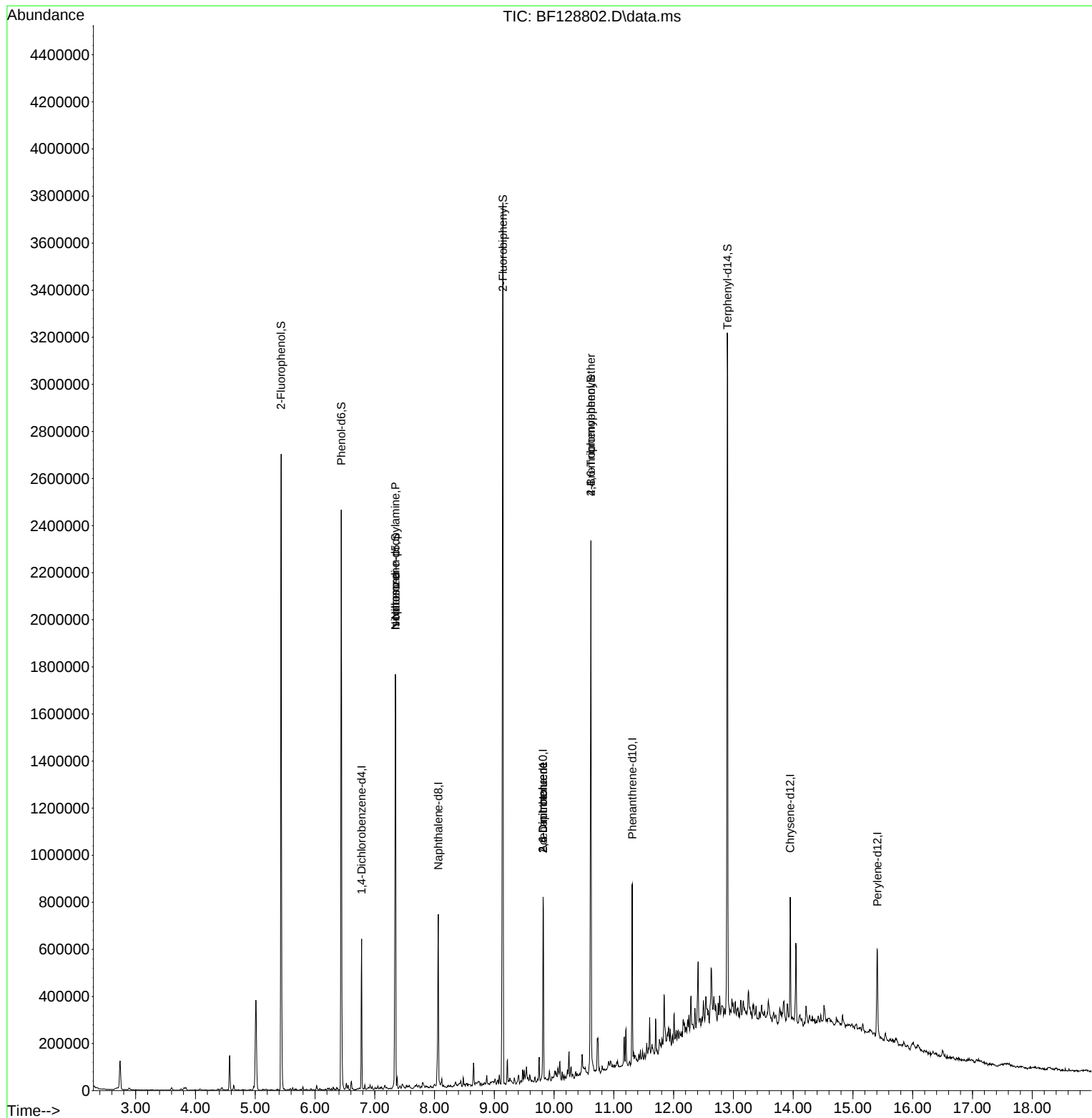
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	79471	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	297253	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	169605	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	286468	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	163211	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	172586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	654201	131.121	ng	0.02
7) Phenol-d6	6.440	99	762337	125.173	ng	0.00
23) Nitrobenzene-d5	7.345	82	631786	98.956	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	278409	138.929	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1210708	99.995	ng	0.00
79) Terphenyl-d14	12.904	244	1060910	112.950	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	89453	23.623	ng	# 77
25) Isophorone	7.345	82	630654	65.038	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	23210	10.130	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	23210	7.590	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	18506	5.793	ng	# 1

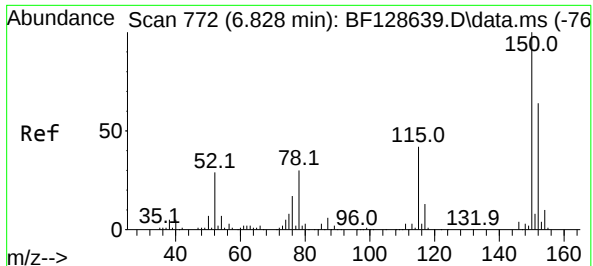
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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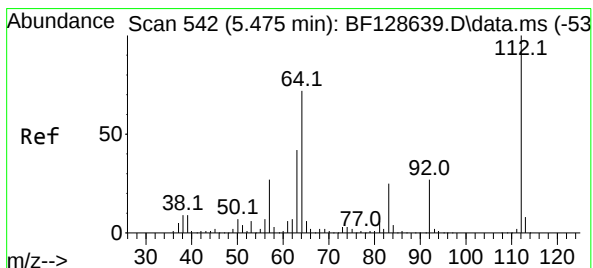
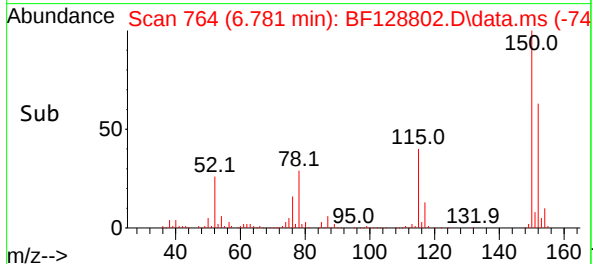
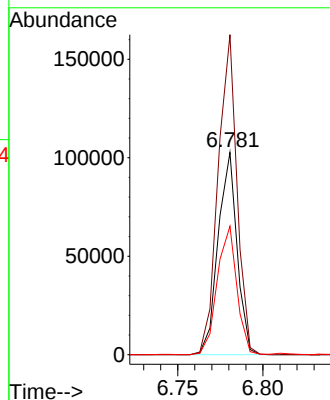
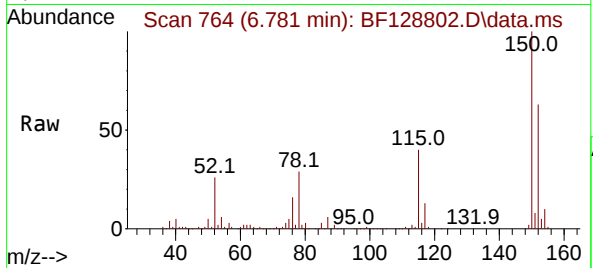




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

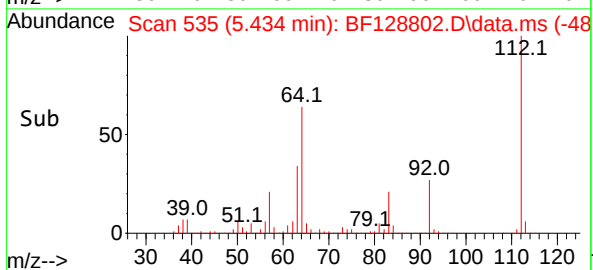
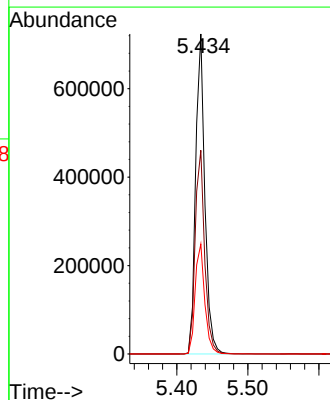
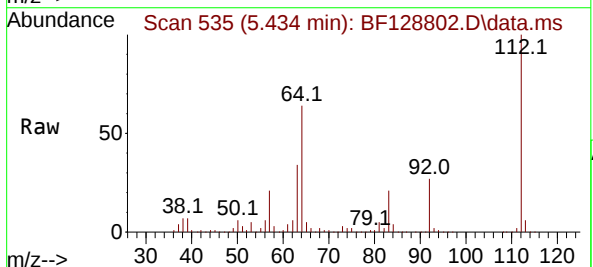
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9-G

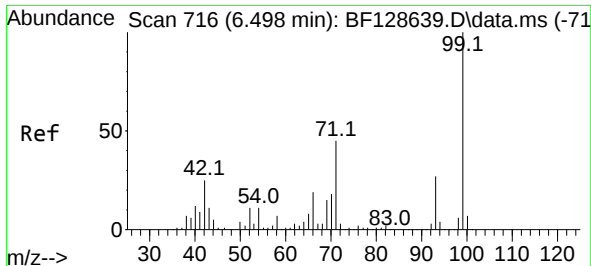
Tgt Ion:152 Resp: 79471
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 131.121 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.018 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion:112 Resp: 654201
Ion Ratio Lower Upper
112 100
64 63.7 53.3 79.9
63 34.4 28.0 42.0

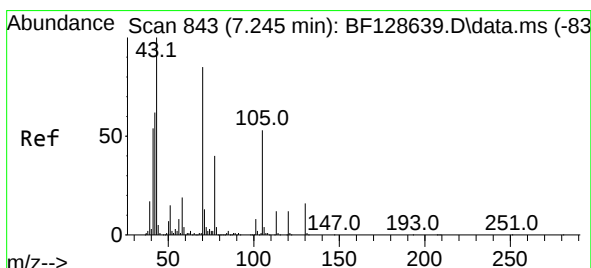
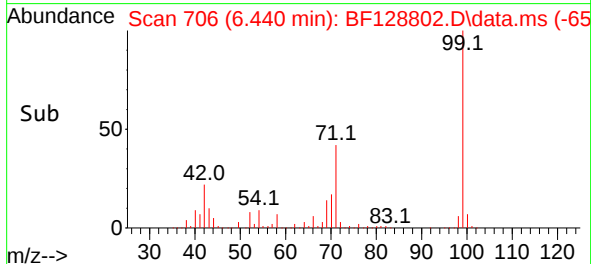
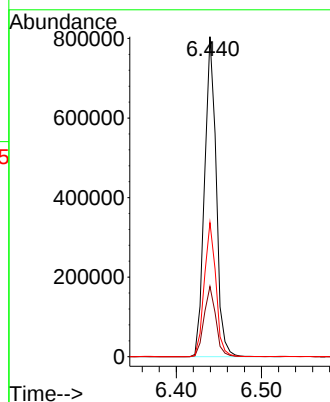
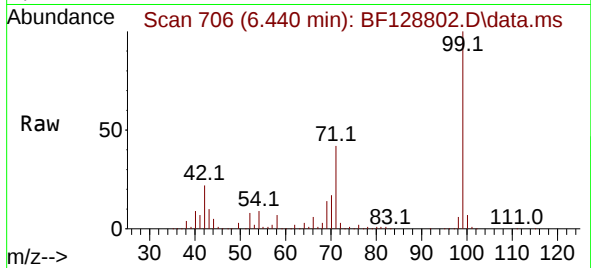




#7
Phenol-d6
Concen: 125.173 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

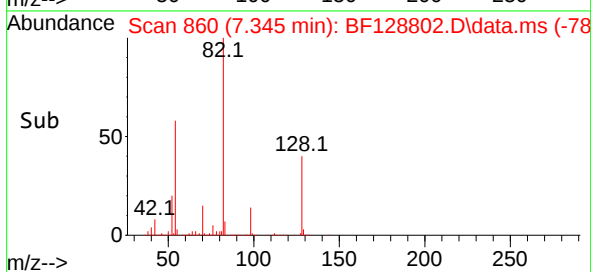
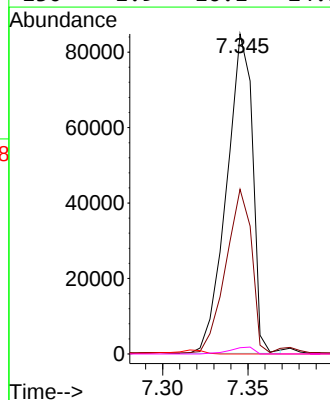
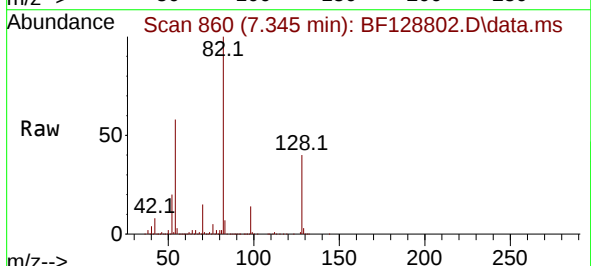
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9-G

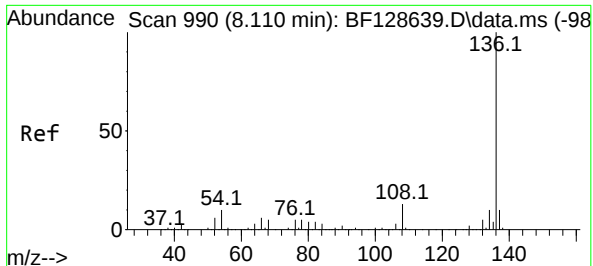
Tgt Ion: 99 Resp: 762337
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 41.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 23.623 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion: 70 Resp: 89453
Ion Ratio Lower Upper
70 100
42 51.5 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



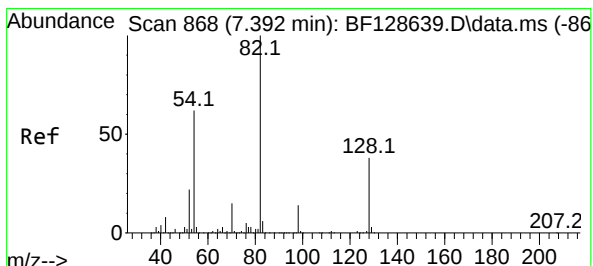
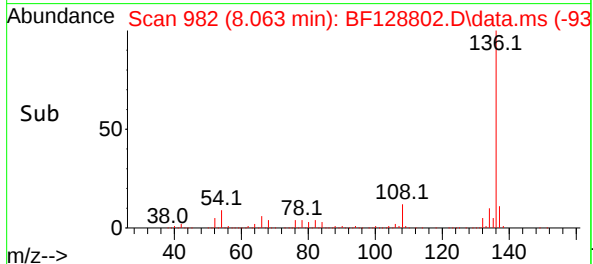
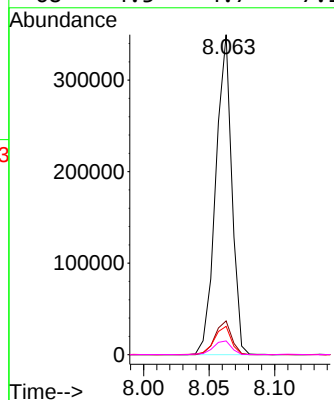
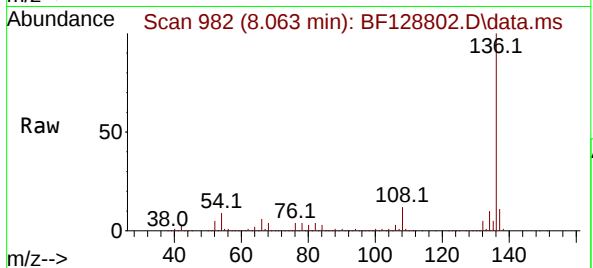


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

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

Tgt Ion:136 Resp: 297253

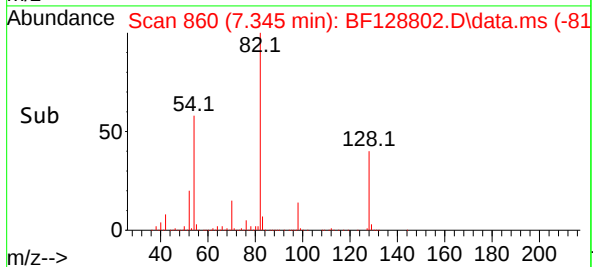
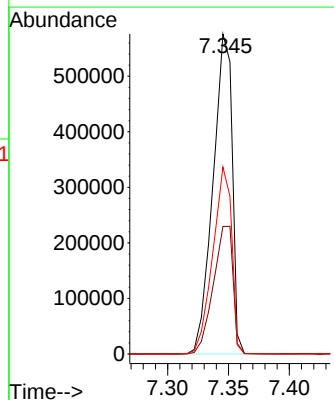
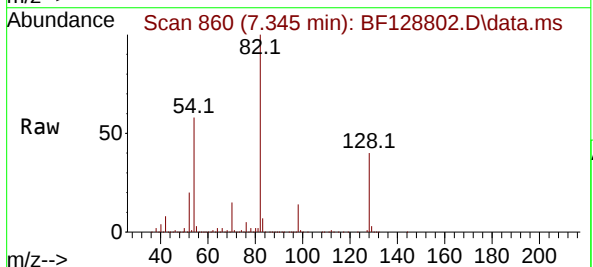
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.9	7.5	11.3
68	4.3	4.7	7.1

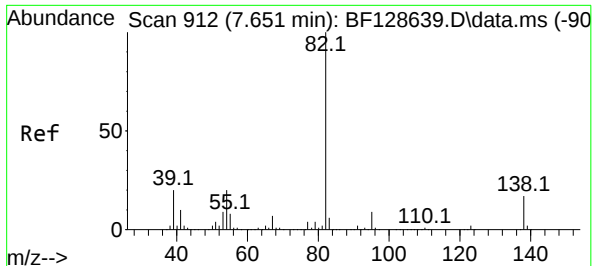


#23
Nitrobenzene-d5
Concen: 98.956 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion: 82 Resp: 631786

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	58.4	46.9	70.3

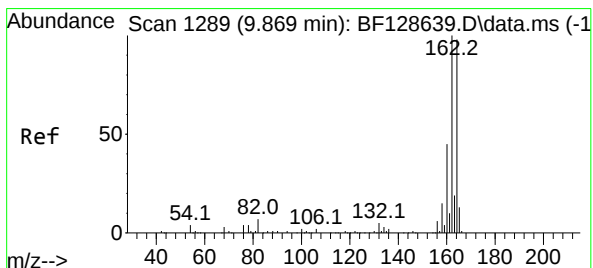
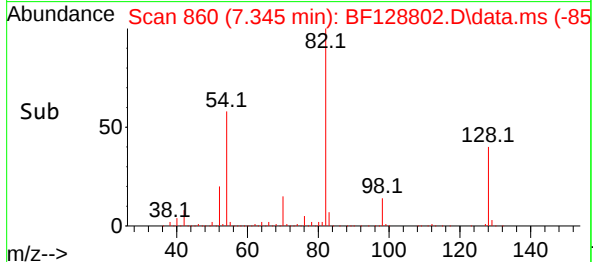
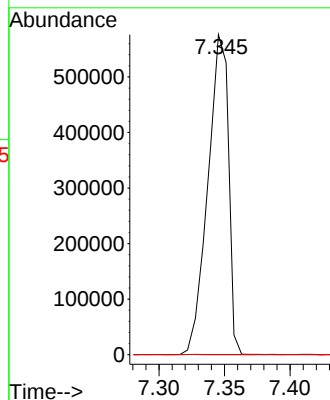
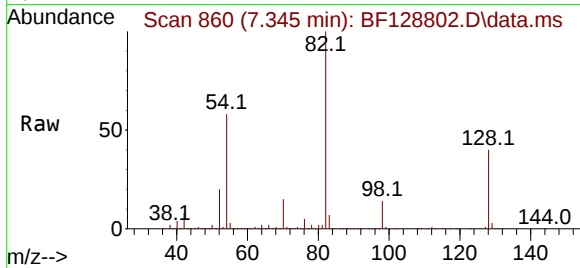




#25
Isophorone
Concen: 65.038 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

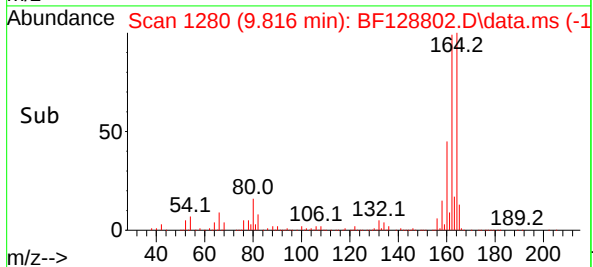
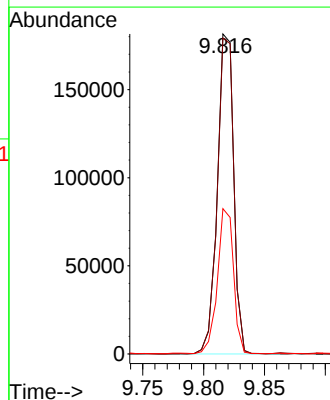
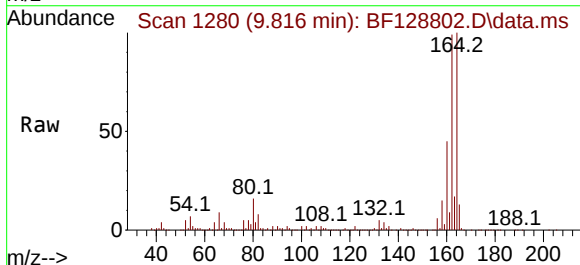
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9-G

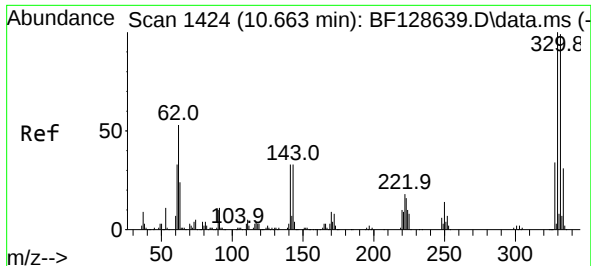
Tgt Ion: 82 Resp: 630654
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

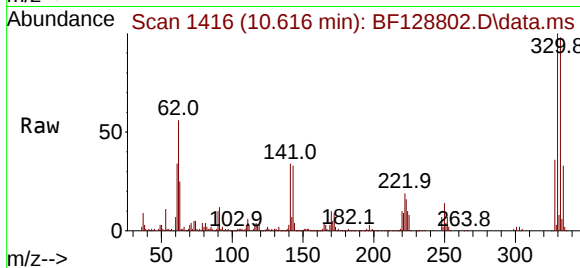
Tgt Ion:164 Resp: 169605
Ion Ratio Lower Upper
164 100
162 98.8 79.5 119.3
160 45.4 34.2 51.4



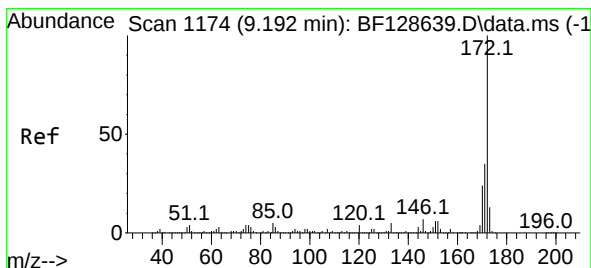
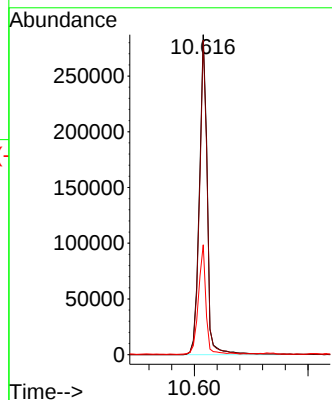
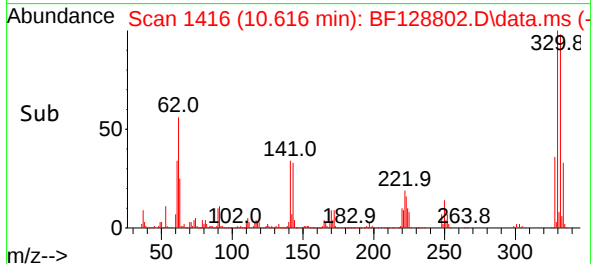


#42
2,4,6-Tribromophenol
Concen: 138.929 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

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

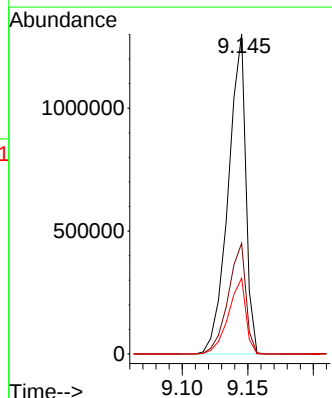
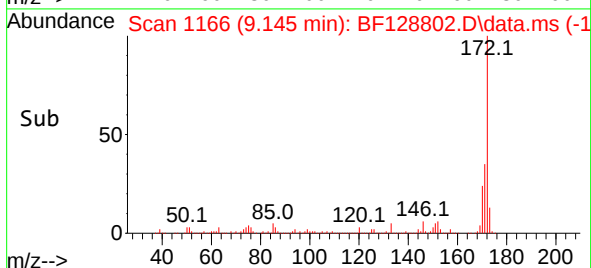
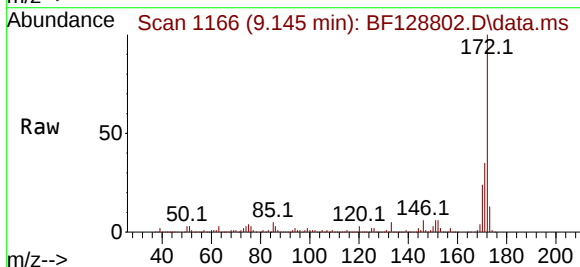


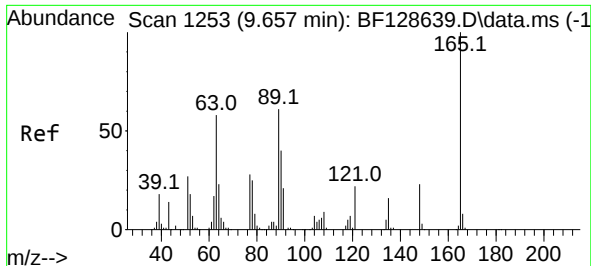
Tgt Ion:330 Resp: 278409
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 32.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 99.995 ng
RT: 9.145 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion:172 Resp: 1210708
Ion Ratio Lower Upper
172 100
171 34.6 28.8 43.2
170 23.7 19.8 29.8

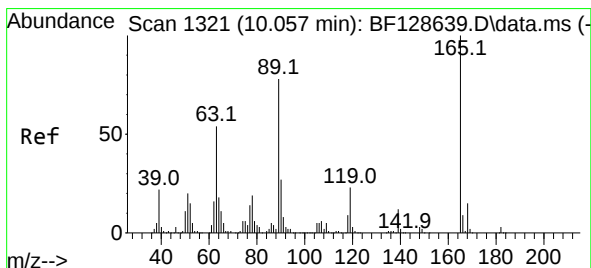
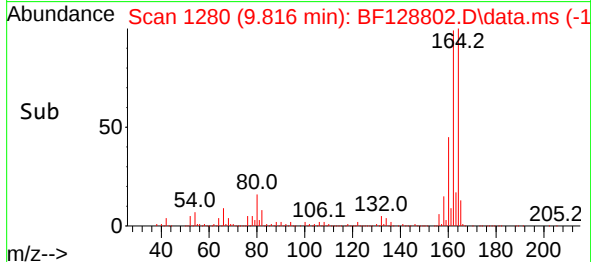
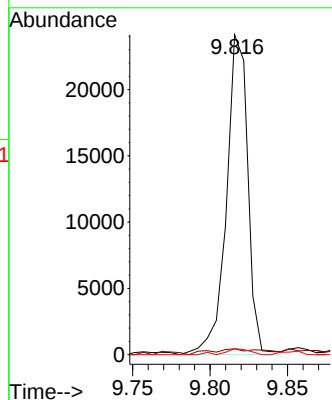
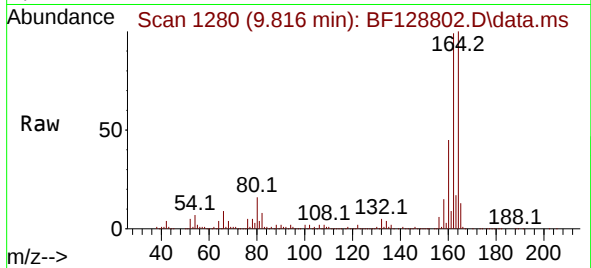




#51
2,6-Dinitrotoluene
Concen: 10.130 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.200 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

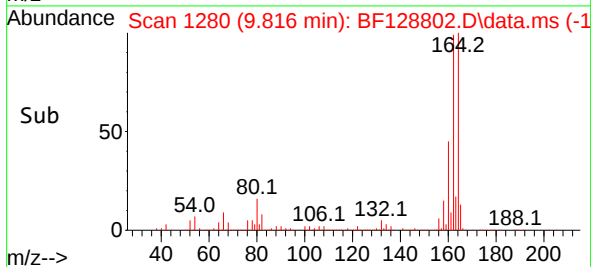
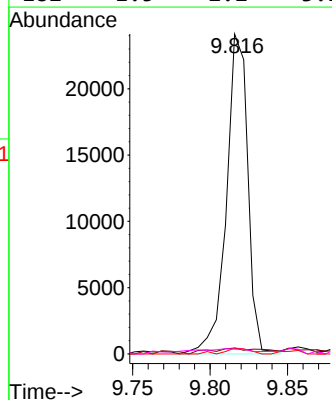
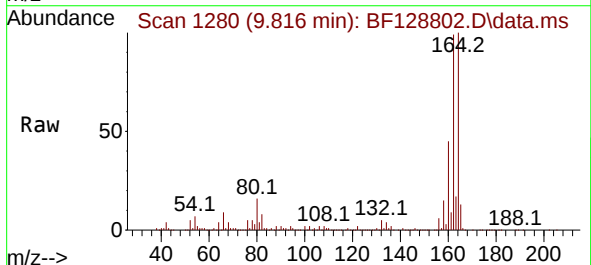
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9-G

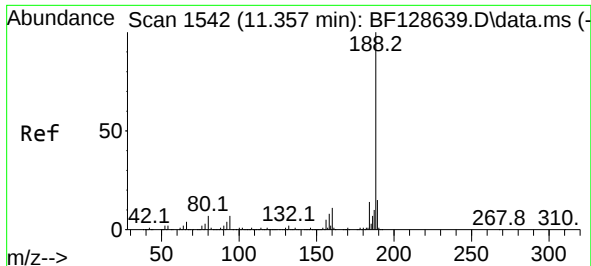
Tgt Ion:165 Resp: 23210
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 1.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.590 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion:165 Resp: 23210
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.9 60.2 90.2#
182 1.5 2.2 3.2#

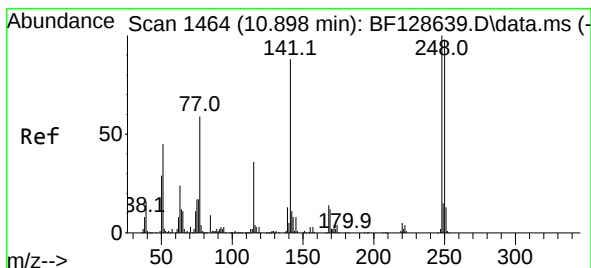
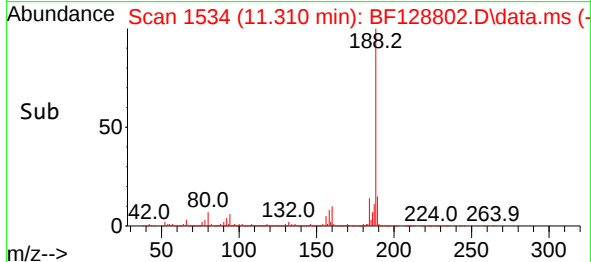
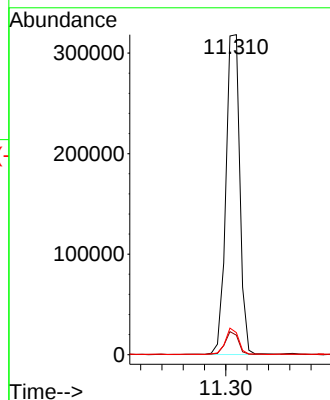
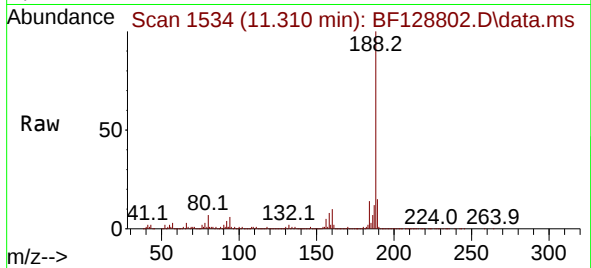




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

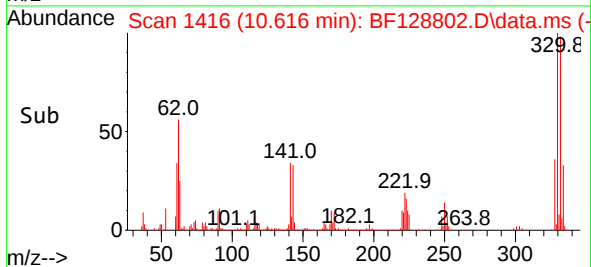
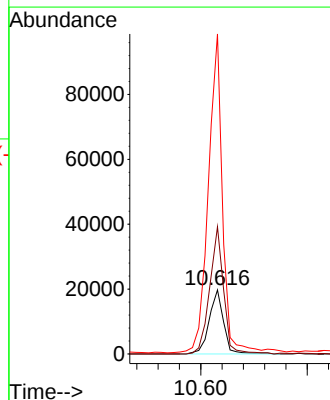
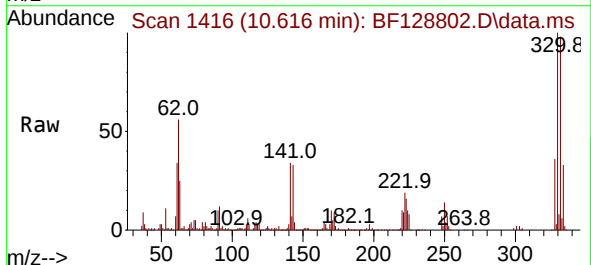
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-9-G

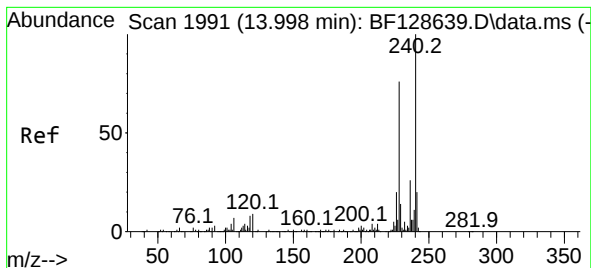
Tgt Ion:188 Resp: 286468
Ion Ratio Lower Upper
188 100
94 6.1 7.0 10.6#
80 6.9 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 5.793 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

Tgt Ion:248 Resp: 18506
Ion Ratio Lower Upper
248 100
250 198.5 80.6 120.8#
141 499.6 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: BF128802.D

Acq: 14 Jun 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-9-G

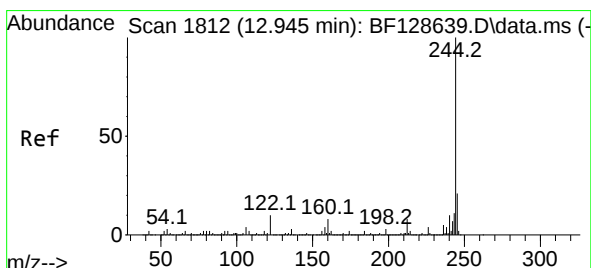
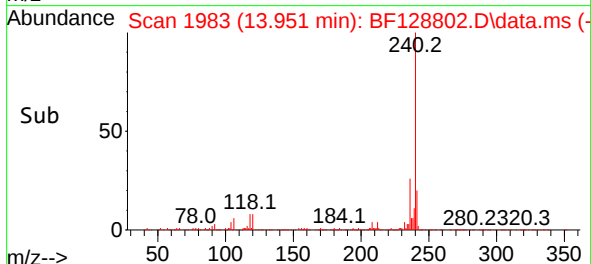
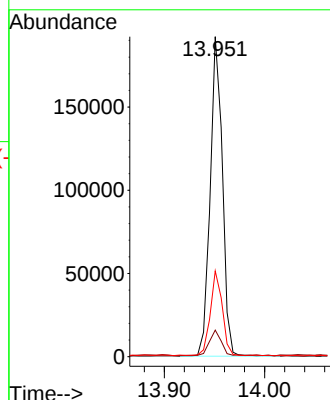
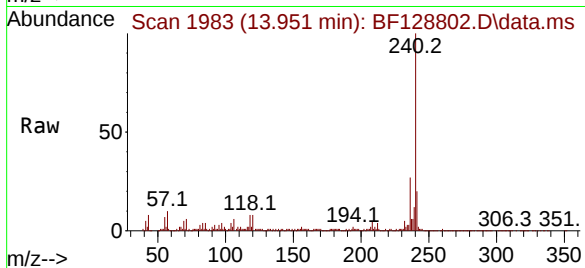
Tgt Ion:240 Resp: 163211

Ion Ratio Lower Upper

240 100

120 8.3 8.9 13.3#

236 26.8 20.8 31.2



#79

Terphenyl-d14

Concen: 112.950 ng

RT: 12.904 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF128802.D

Acq: 14 Jun 2022 16:15

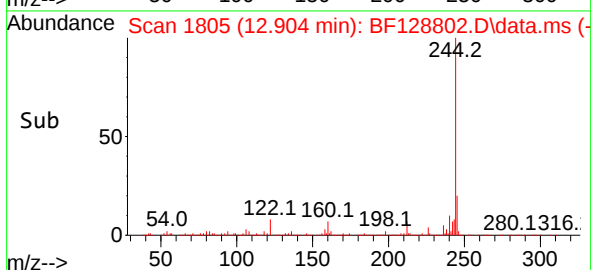
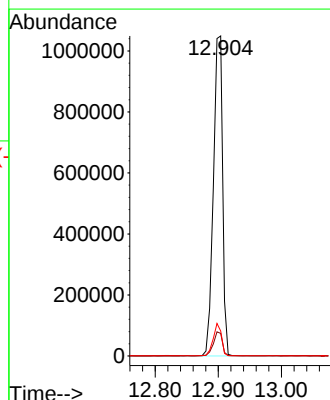
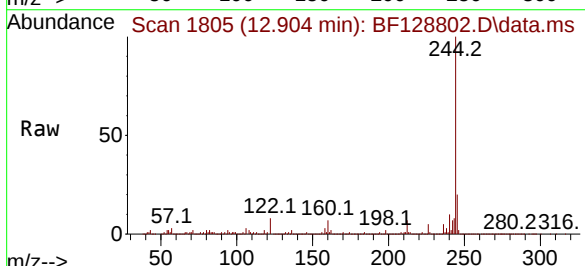
Tgt Ion:244 Resp: 1060910

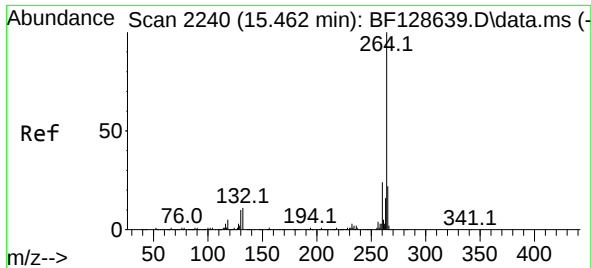
Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 7.8 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128802.D
Acq: 14 Jun 2022 16:15

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

Tgt Ion:264 Resp: 172586

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.0	17.2	25.8

