

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128808.D
 Acq On : 14 Jun 2022 19:14
 Operator : CG\JU
 Sample : N3334-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-8

Quant Time: Jun 15 01:02:11 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)

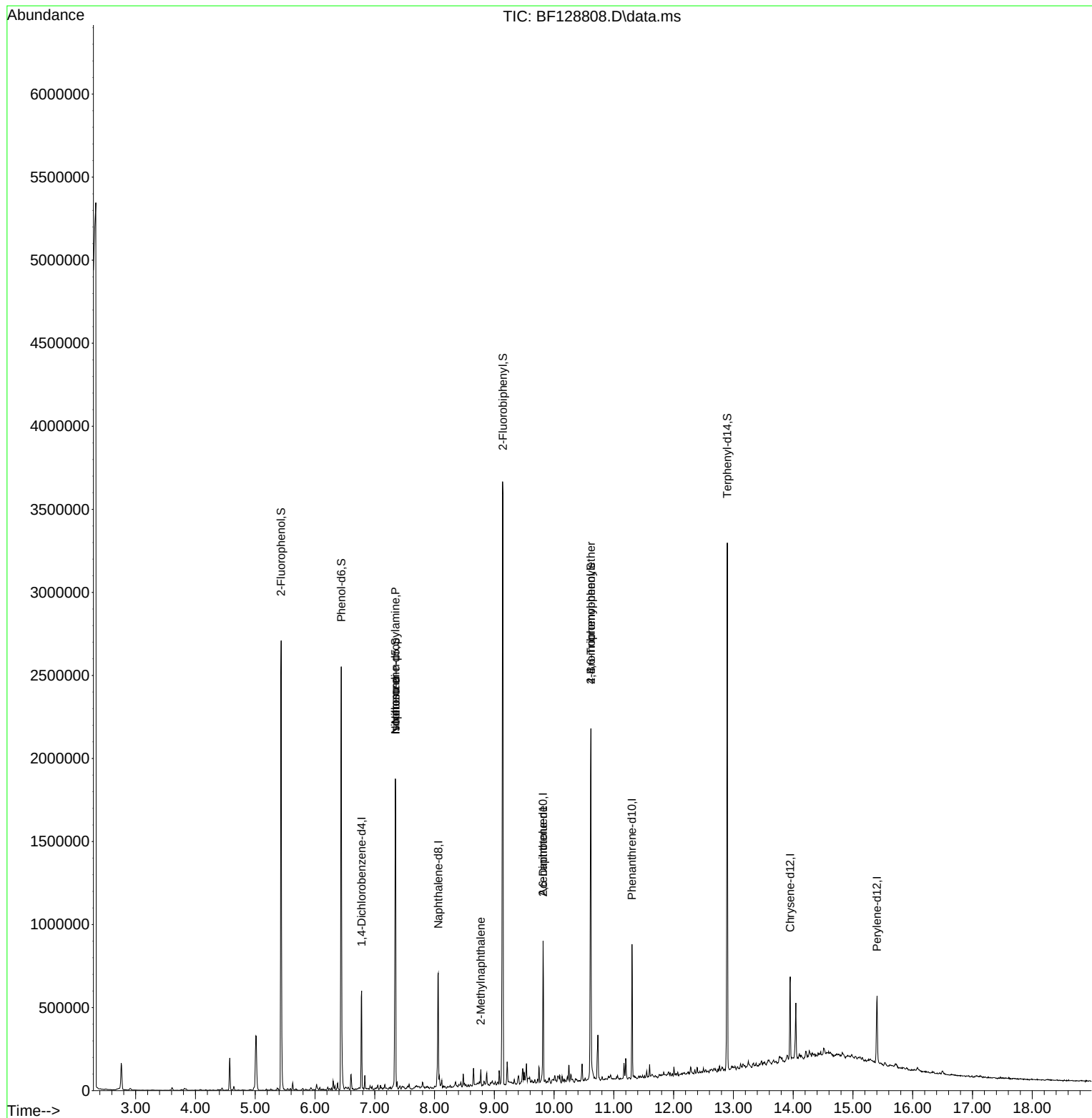
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80702	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	308540	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	166994	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	278939	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	174207	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	179684	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	693051	136.789	ng	0.02
7) Phenol-d6	6.440	99	800196	129.385	ng	0.00
23) Nitrobenzene-d5	7.345	82	677303	102.205	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	279277	141.541	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1281624	107.507	ng	0.00
79) Terphenyl-d14	12.898	244	1017316	101.473	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	97229	25.285	ng	# 76
25) Isophorone	7.345	82	675897	67.154	ng	# 65
37) 2-Methylnaphthalene	8.775	142	22576	2.242	ng	98
51) 2,6-Dinitrotoluene	9.816	165	23213	10.289	ng	# 26
67) 4-Bromophenyl-phenylether	10.616	248	17697	5.689	ng	# 1

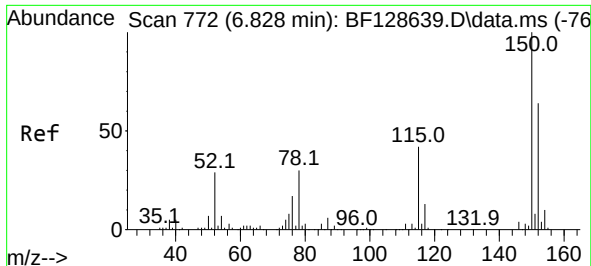
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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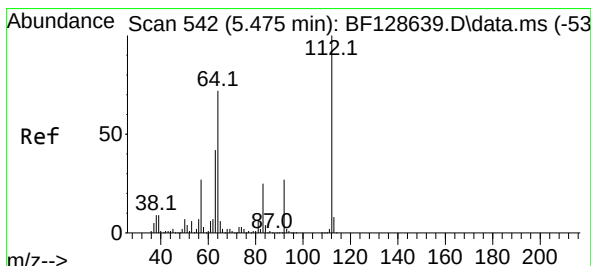
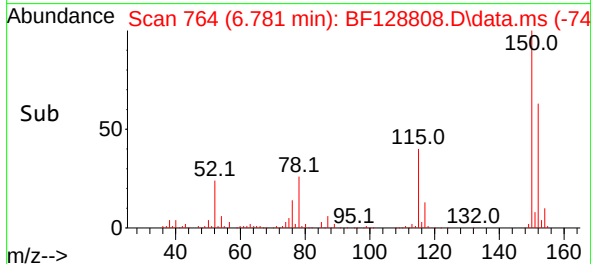
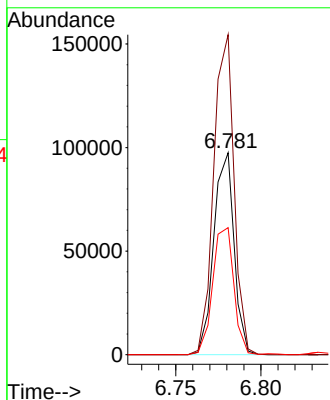
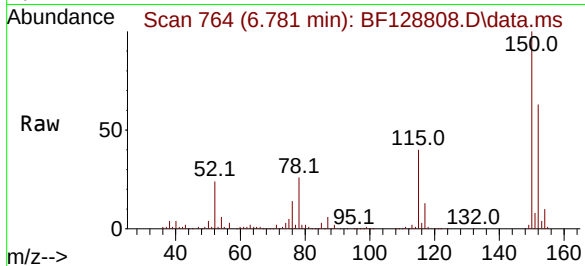




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

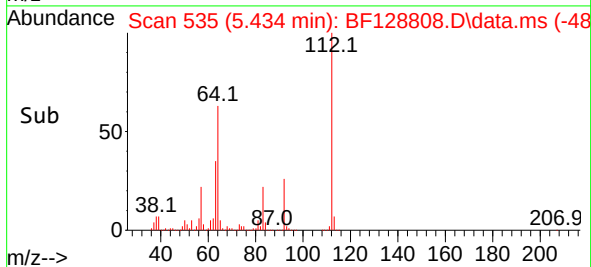
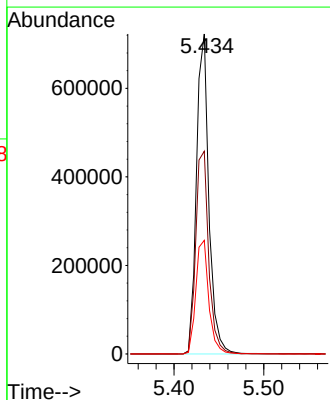
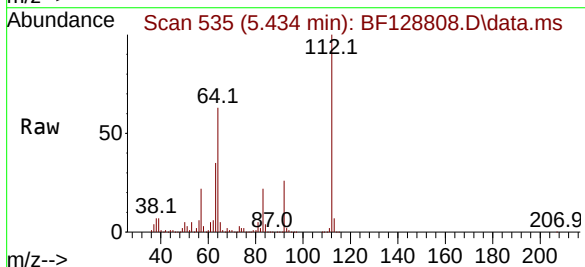
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

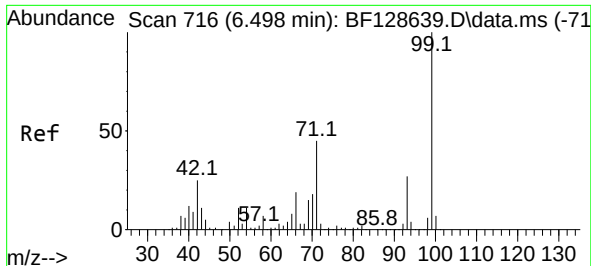
Tgt Ion:152 Resp: 80702
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 136.789 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.018 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

Tgt Ion:112 Resp: 693051
Ion Ratio Lower Upper
112 100
64 63.3 53.3 79.9
63 35.5 28.0 42.0

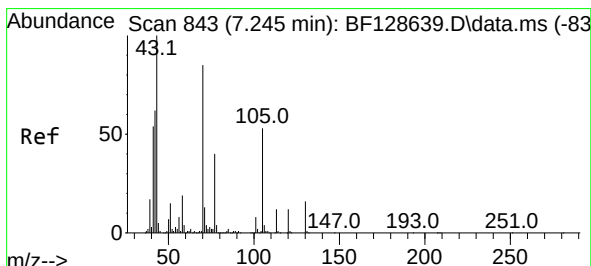
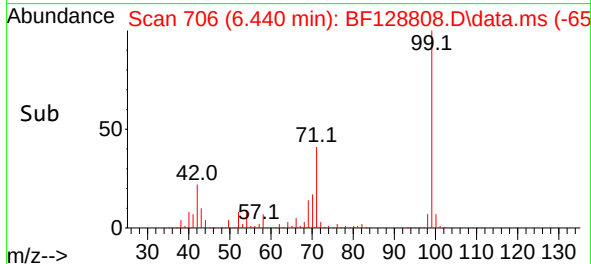
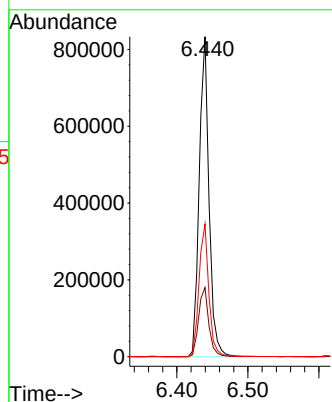
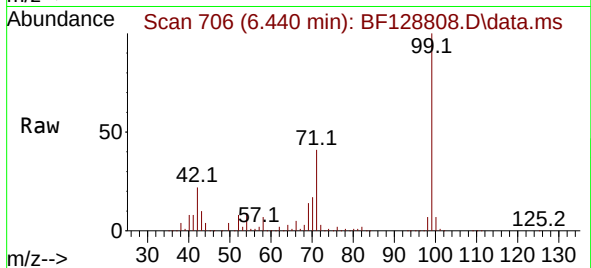




#7
Phenol-d6
Concen: 129.385 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

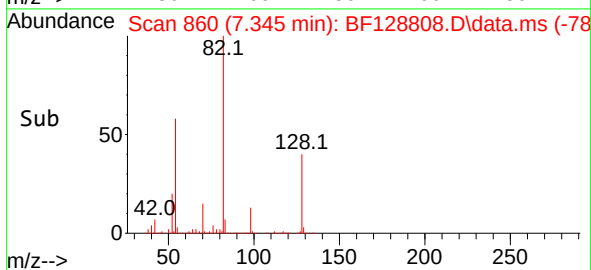
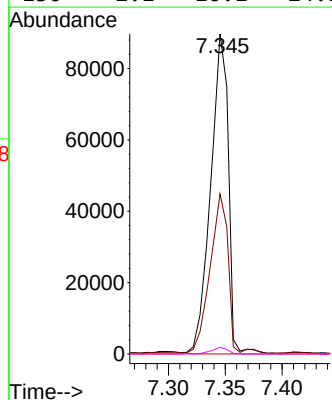
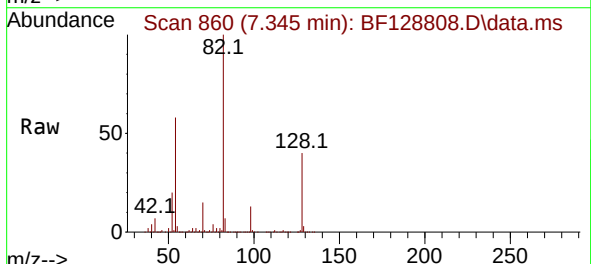
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

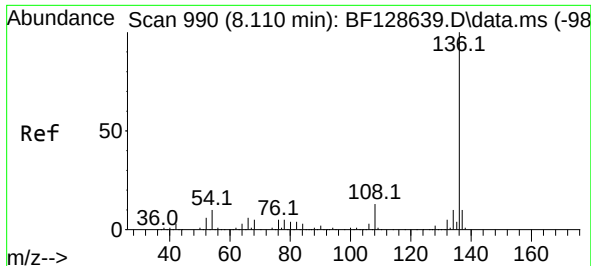
Tgt Ion: 99 Resp: 800196
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 41.5 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 25.285 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

Tgt Ion: 70 Resp: 97229
Ion Ratio Lower Upper
70 100
42 50.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

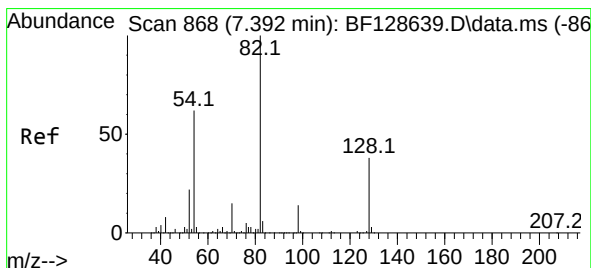
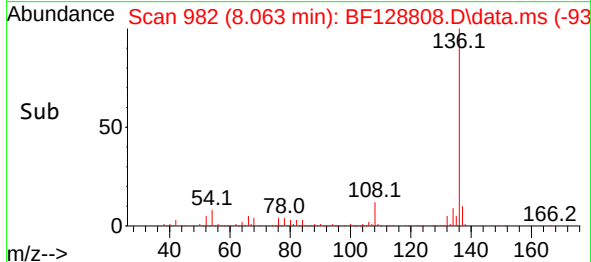
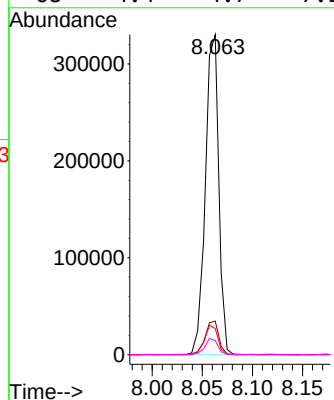
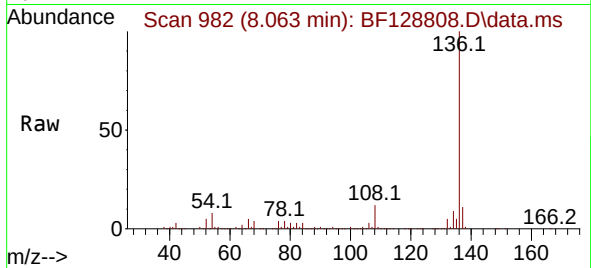




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

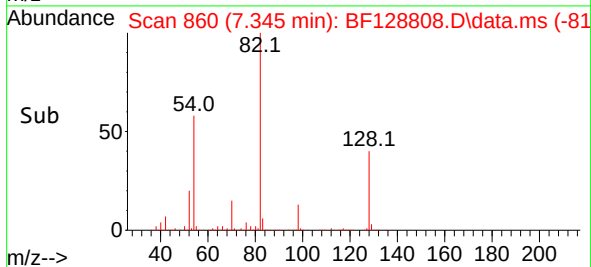
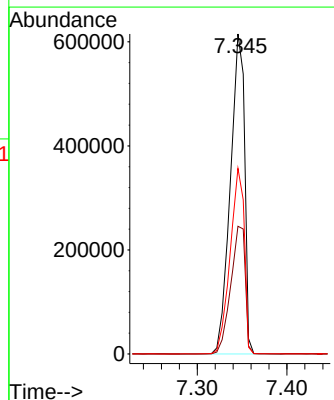
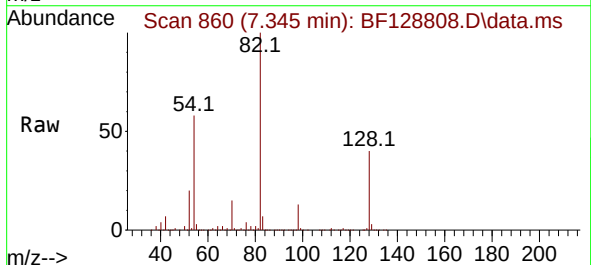
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

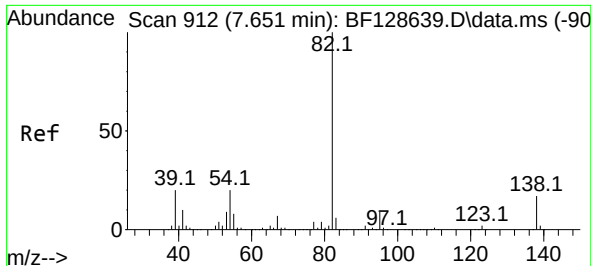
Tgt Ion:136 Resp: 308540
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.2 7.5 11.3
68 4.4 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 102.205 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

Tgt Ion: 82 Resp: 677303
Ion Ratio Lower Upper
82 100
128 39.9 34.0 51.0
54 58.0 46.9 70.3

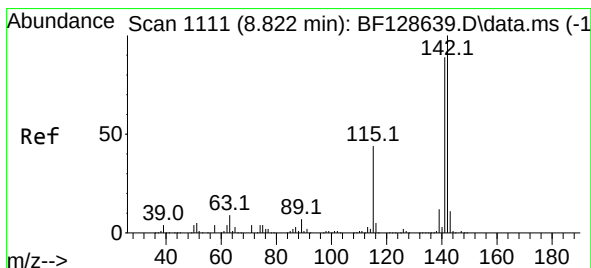
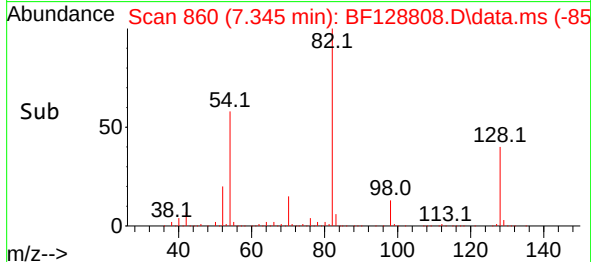
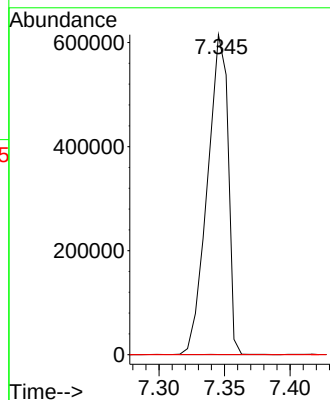
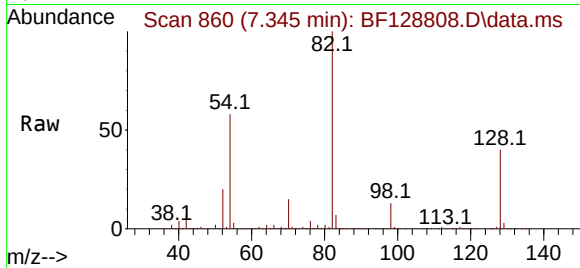




#25
Isophorone
Concen: 67.154 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

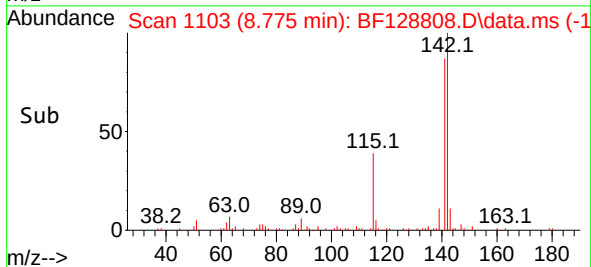
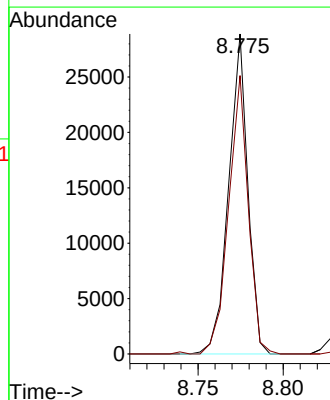
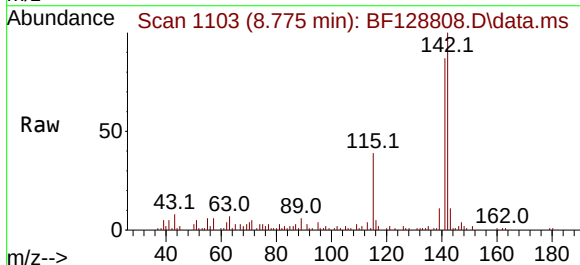
Instrument :
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ClientSampleId :
WC-14A-1A-8

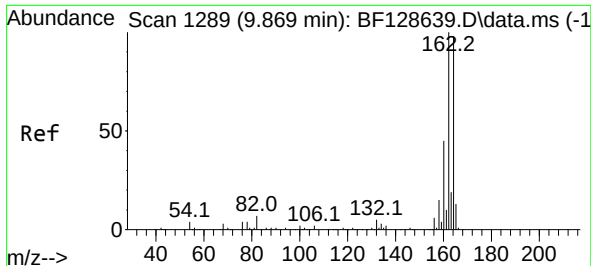
Tgt Ion: 82 Resp: 675897
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 14.2 21.2#



#37
2-Methylnaphthalene
Concen: 2.242 ng
RT: 8.775 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

Tgt Ion: 142 Resp: 22576
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128808.D

Acq: 14 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

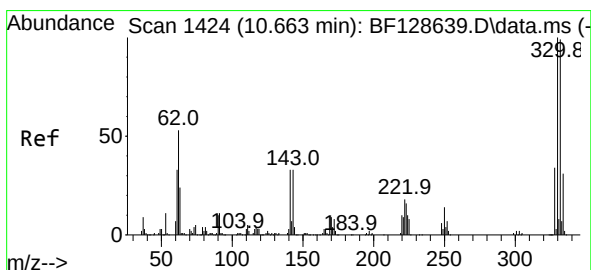
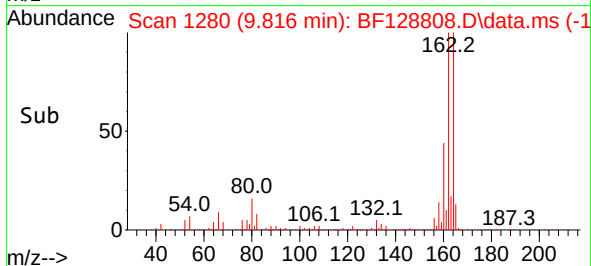
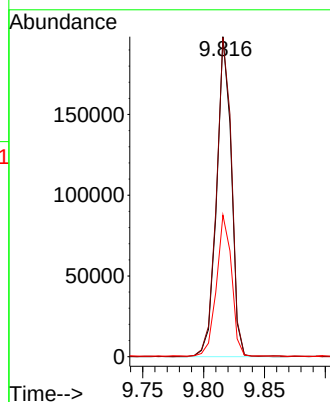
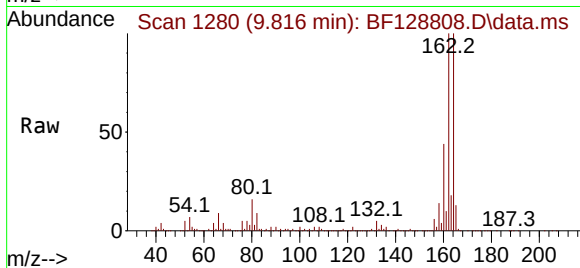
Tgt Ion:164 Resp: 166994

Ion Ratio Lower Upper

164 100

162 99.7 79.5 119.3

160 44.3 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 141.541 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128808.D

Acq: 14 Jun 2022 19:14

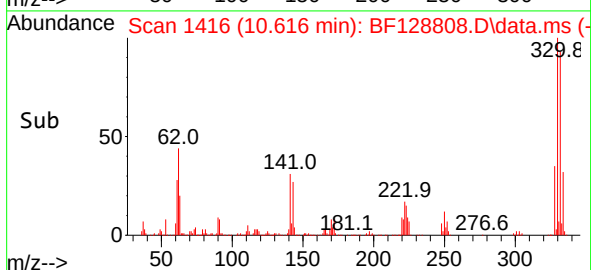
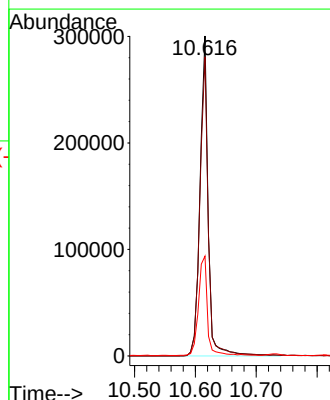
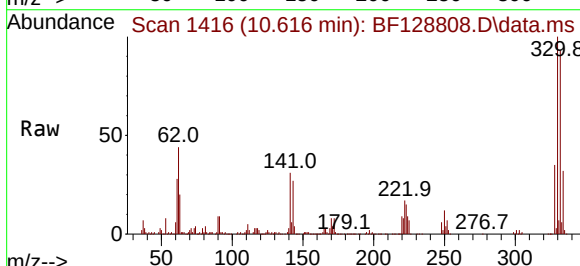
Tgt Ion:330 Resp: 279277

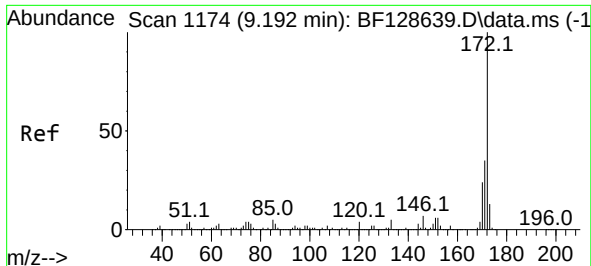
Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 34.1 28.0 42.0

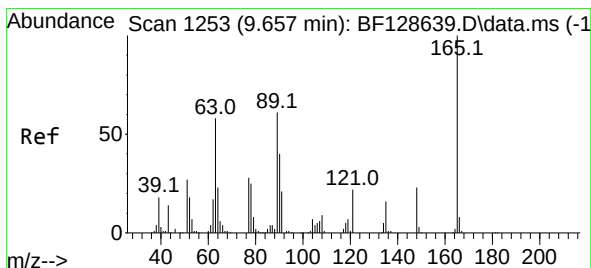
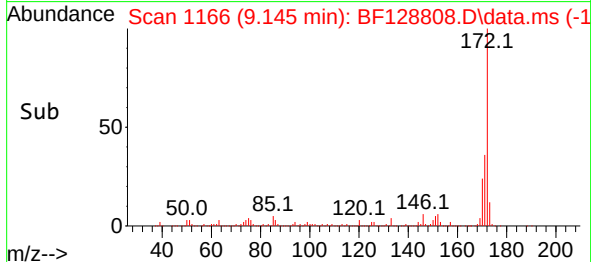
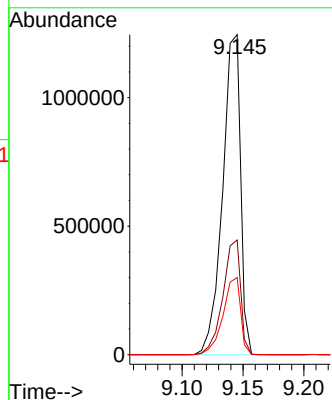
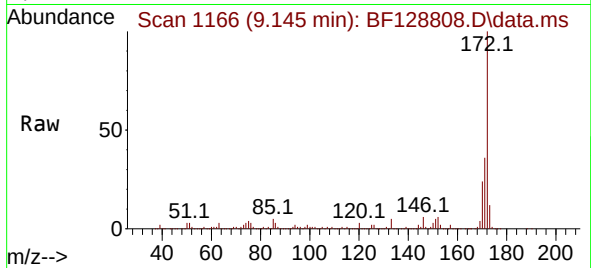




#45
2-Fluorobiphenyl
Concen: 107.507 ng
RT: 9.145 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

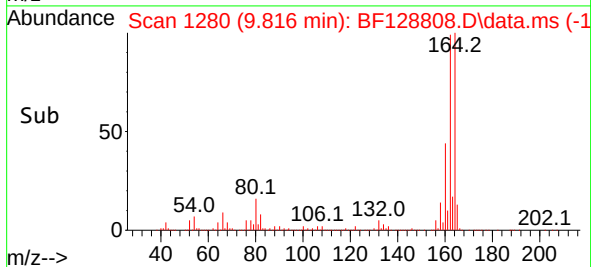
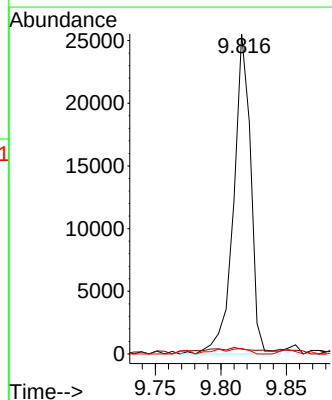
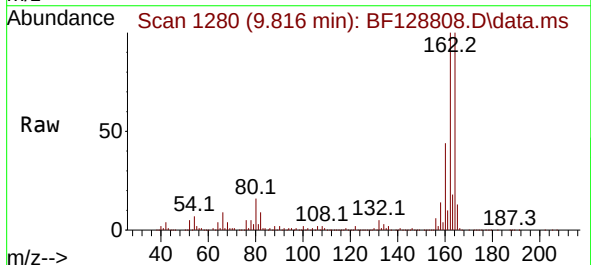
Instrument :
BNA_F
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WC-14A-1A-8

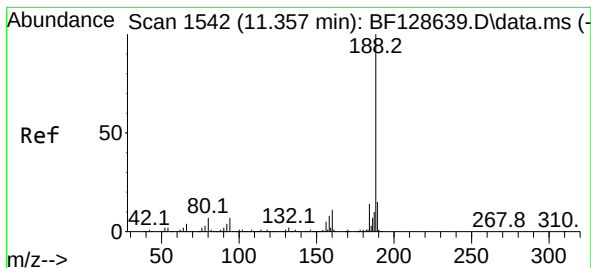
Tgt Ion:172 Resp: 1281624
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.1 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 10.289 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.200 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

Tgt Ion:165 Resp: 23213
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.7 43.6 65.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128808.D

Acq: 14 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8

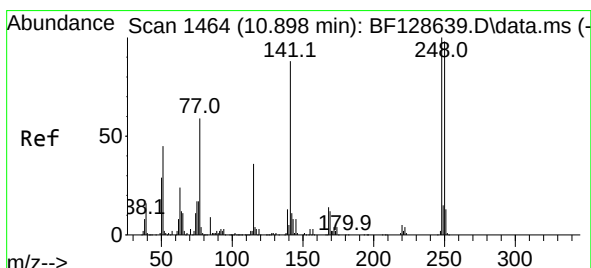
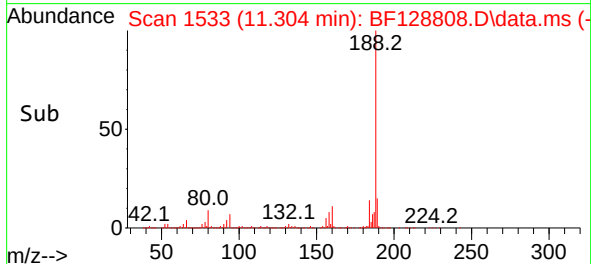
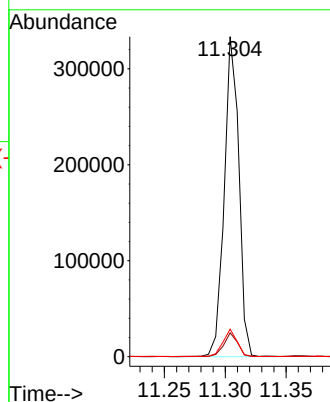
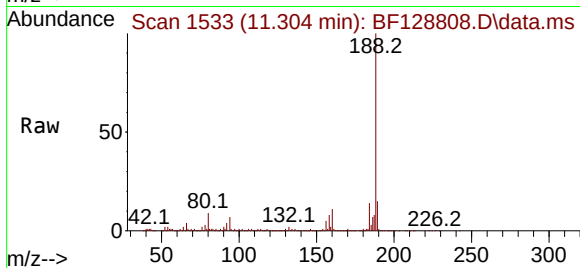
Tgt Ion:188 Resp: 278939

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.689 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.241 min

Lab File: BF128808.D

Acq: 14 Jun 2022 19:14

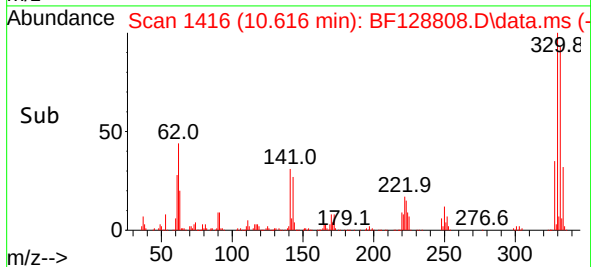
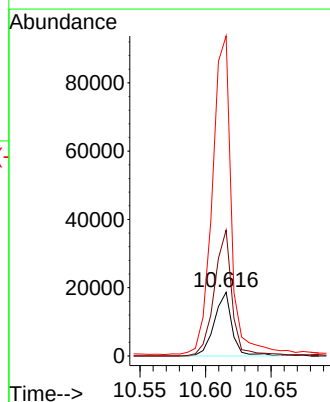
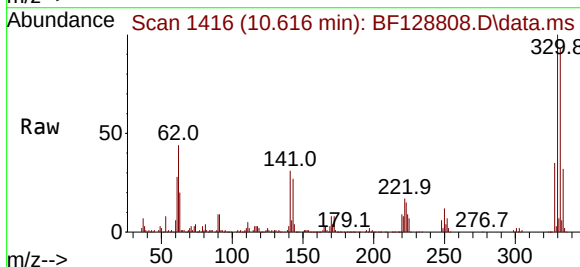
Tgt Ion:248 Resp: 17697

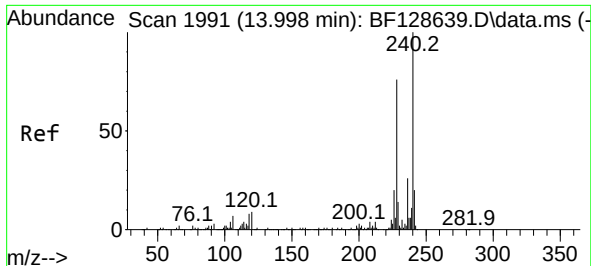
Ion Ratio Lower Upper

248 100

250 197.5 80.6 120.8#

141 502.0 58.9 88.3#

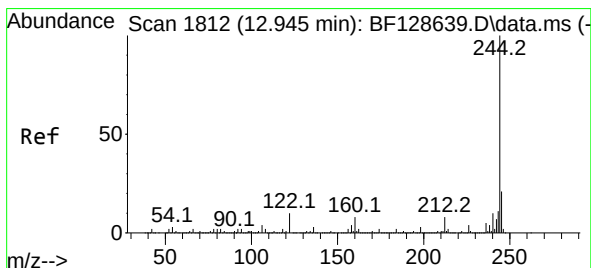
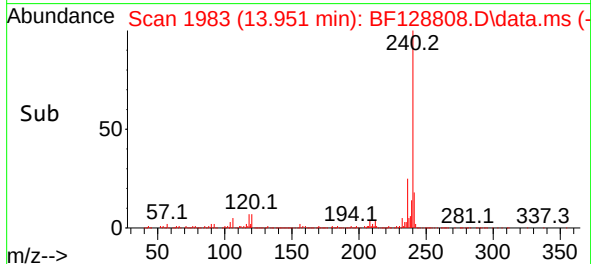
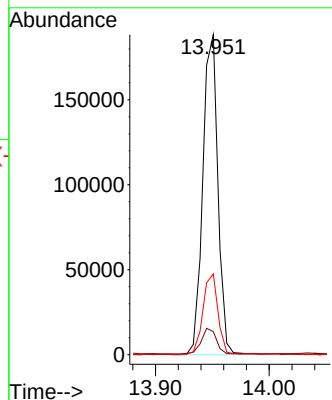
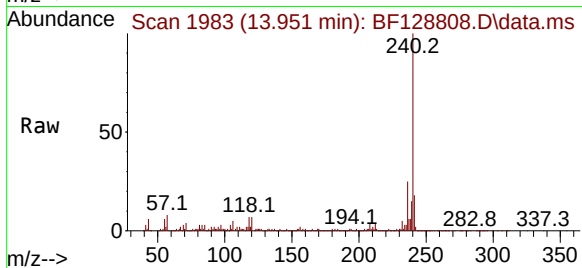




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

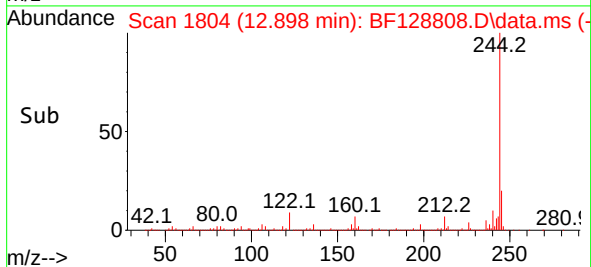
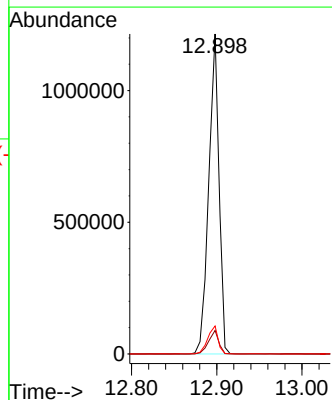
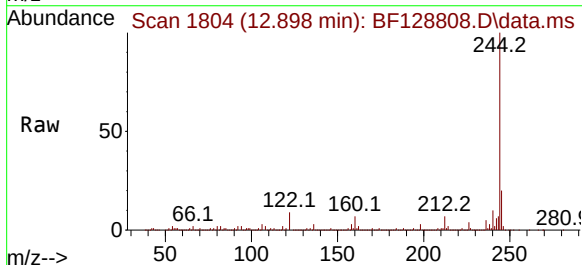
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-8

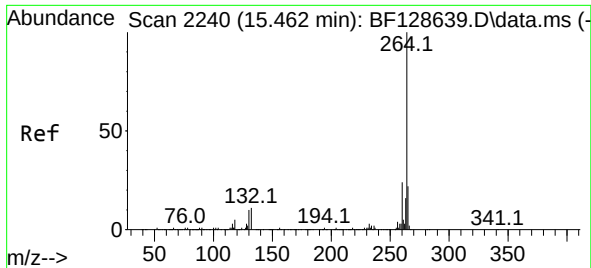
Tgt Ion:240 Resp: 174207
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 101.473 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128808.D
Acq: 14 Jun 2022 19:14

Tgt Ion:244 Resp: 1017316
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 8.7 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128808.D

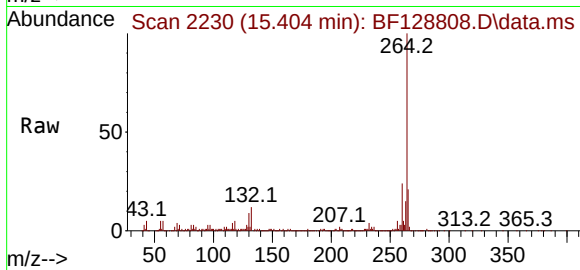
Acq: 14 Jun 2022 19:14

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-8



Tgt Ion:264 Resp: 179684

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 21.0 17.2 25.8

