

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130305.D
 Acq On : 16 Sep 2022 23:03
 Operator : CG\JU
 Sample : N4646-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 91522-A

Quant Time: Sep 17 03:31:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

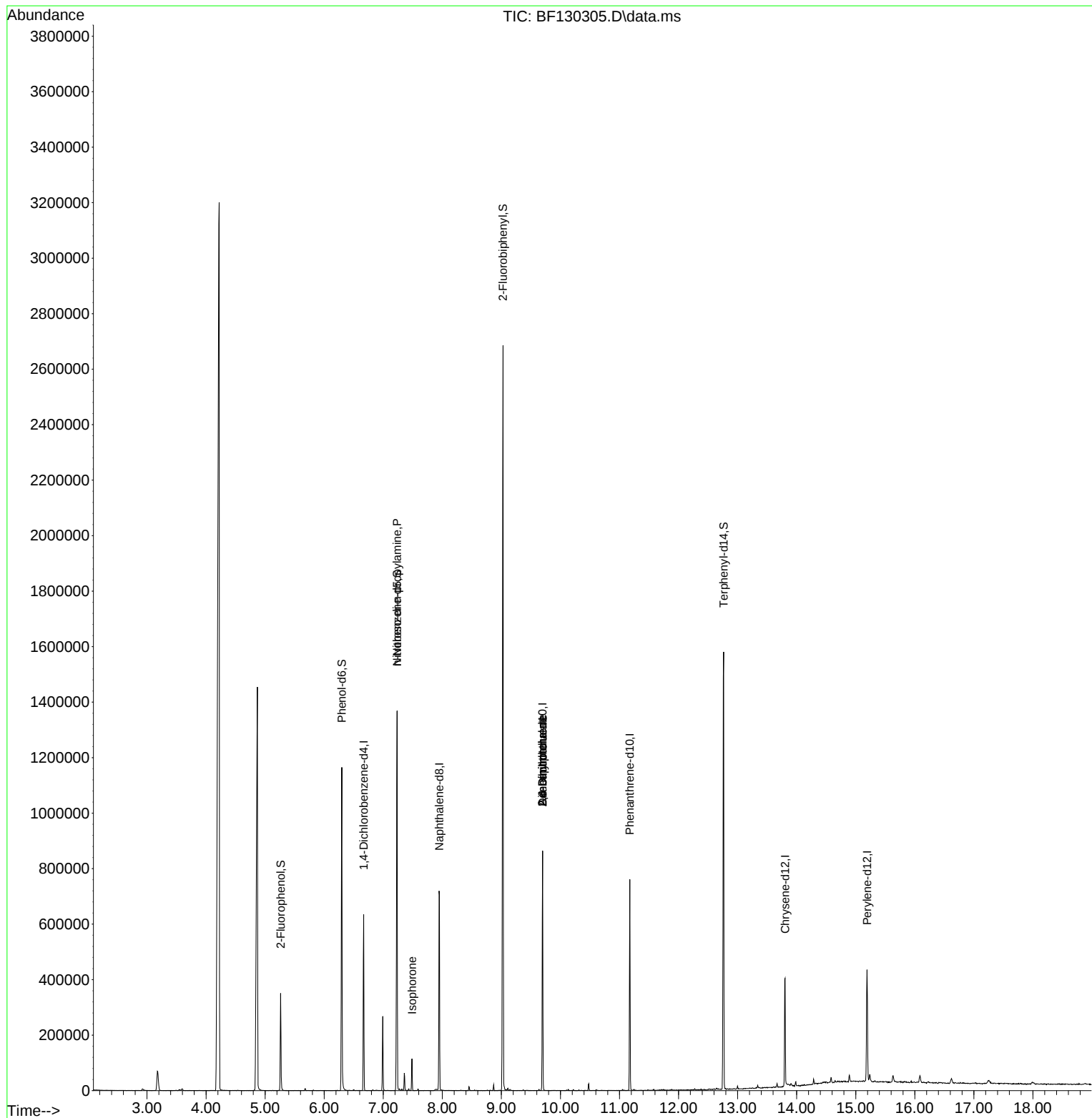
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	81677	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	318835	20.000	ng	# 0.00
39) Acenaphthene-d10	9.698	164	158219	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	231202	20.000	ng	0.00
76) Chrysene-d12	13.804	240	134675	20.000	ng	0.00
86) Perylene-d12	15.192	264	167061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	84707	17.988	ng	0.00
7) Phenol-d6	6.298	99	354675	60.195	ng	0.00
23) Nitrobenzene-d5	7.234	82	412146	66.040	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	2989	1.972	ng	-0.01
45) 2-Fluorobiphenyl	9.028	172	765575	70.461	ng	0.00
79) Terphenyl-d14	12.763	244	529821	65.168	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.234	70	56079	14.105	ng	# 73
25) Isophorone	7.487	82	37615	3.740	ng	98
50) Dimethylphthalate	9.698	163	29319	2.683	ng	# 1
51) 2,6-Dinitrotoluene	9.698	165	20285	8.875	ng	# 16
57) 2,4-Dinitrotoluene	9.698	165	20285	6.944	ng	# 16

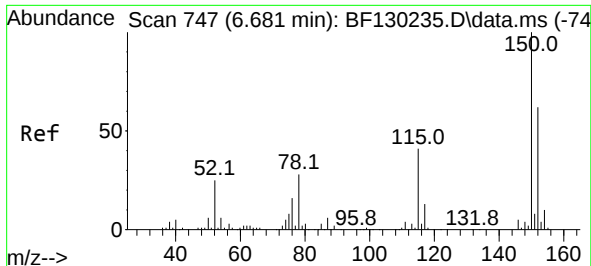
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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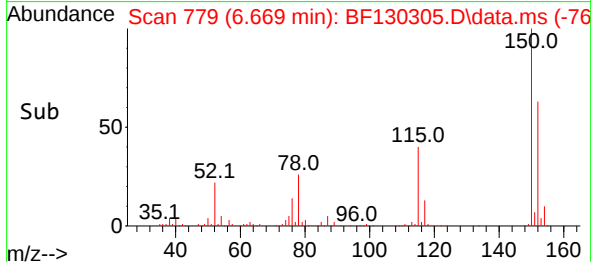
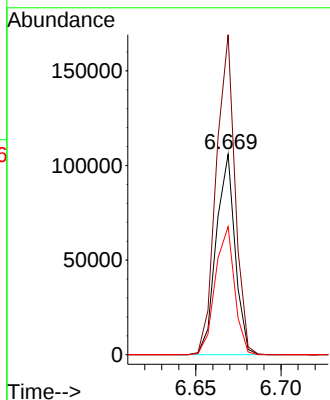
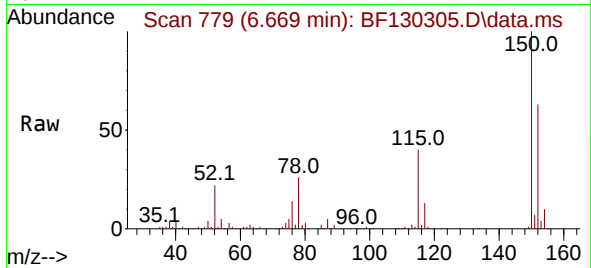




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF130305.D
 Acq: 16 Sep 2022 23:03

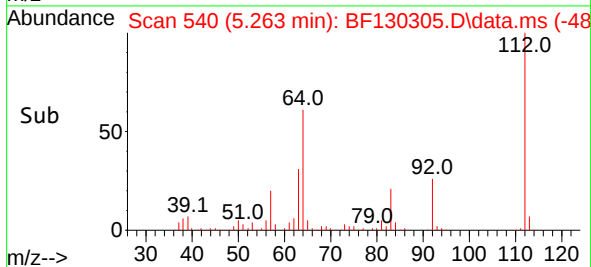
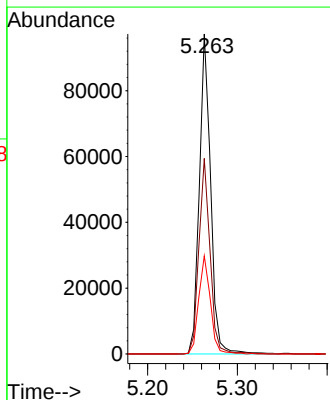
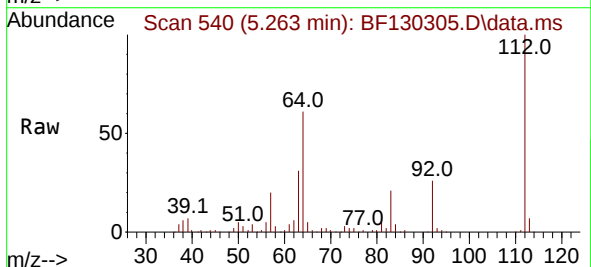
Instrument :
 BNA_F
 ClientSampleId :
 91522-A

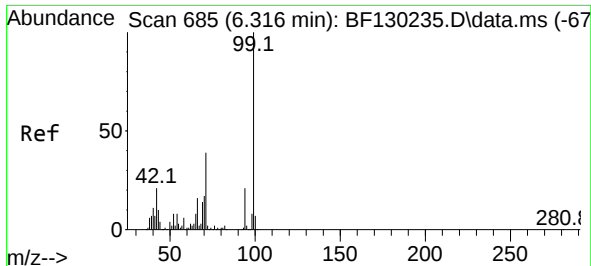
Tgt Ion:152 Resp: 81677
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.8 184.2
 115 63.8 53.8 80.8



#5
 2-Fluorophenol
 Concen: 17.988 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.000 min
 Lab File: BF130305.D
 Acq: 16 Sep 2022 23:03

Tgt Ion:112 Resp: 84707
 Ion Ratio Lower Upper
 112 100
 64 61.1 51.4 77.0
 63 30.6 28.8 43.2

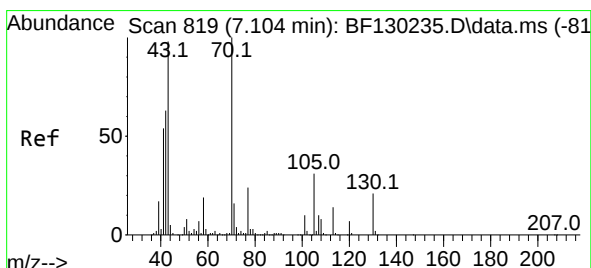
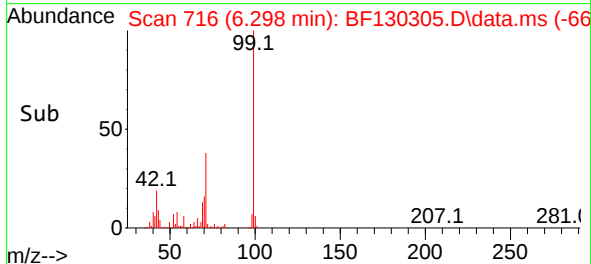
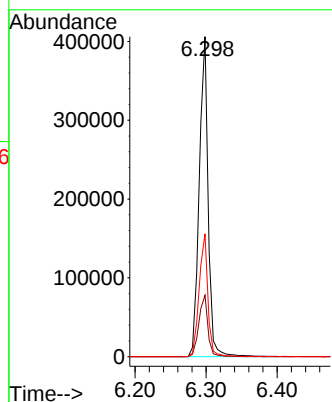
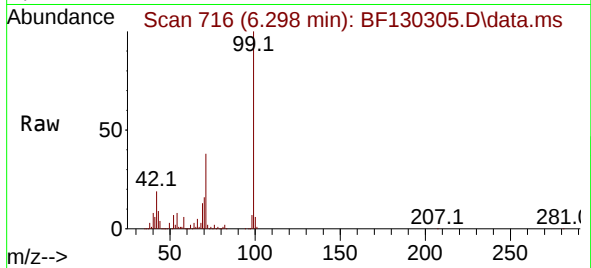




#7
Phenol-d6
Concen: 60.195 ng
RT: 6.298 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

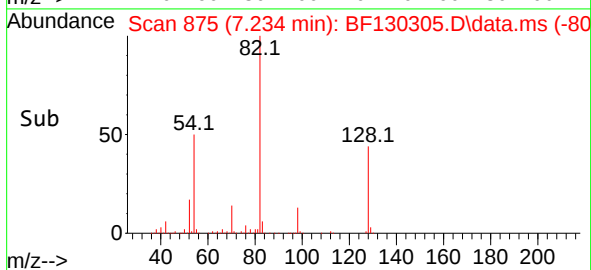
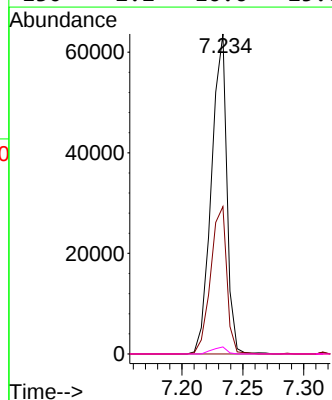
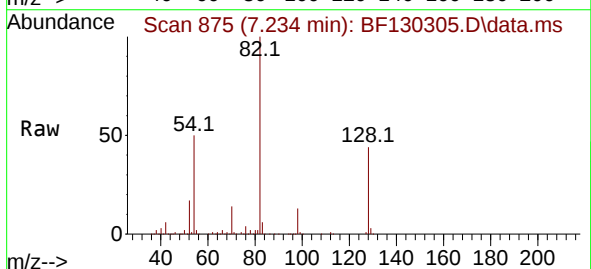
Instrument :
BNA_F
ClientSampleId :
91522-A

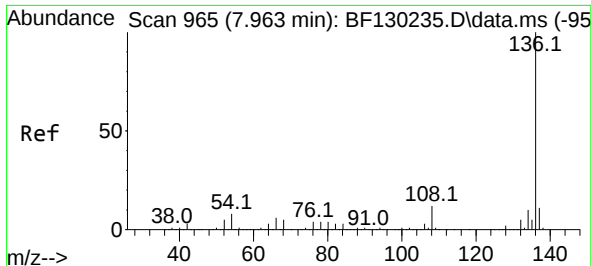
Tgt Ion: 99 Resp: 354675
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 38.4 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.105 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.135 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

Tgt Ion: 70 Resp: 56079
Ion Ratio Lower Upper
70 100
42 46.0 50.8 76.2#
101 0.0 8.2 12.4#
130 2.2 16.6 25.0#

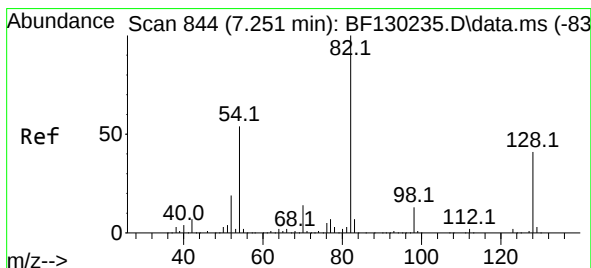
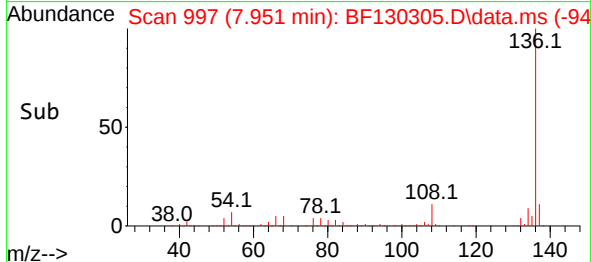
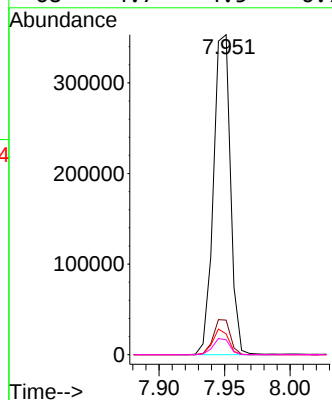
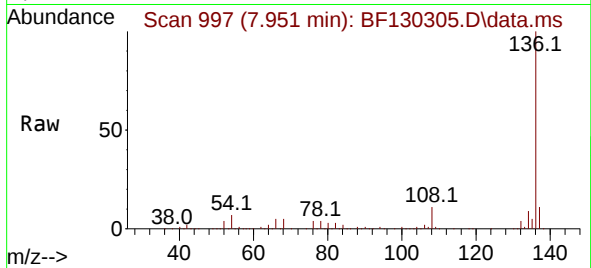




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

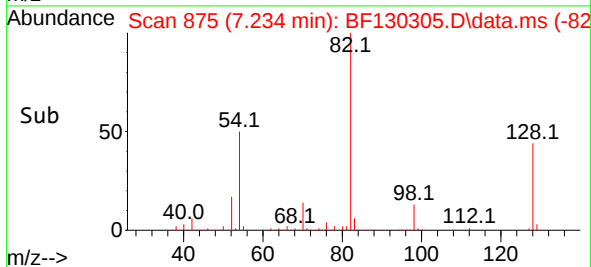
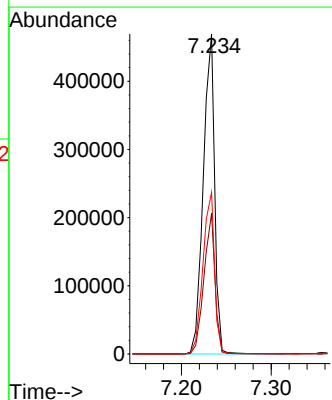
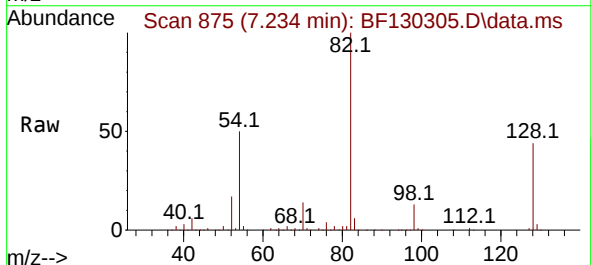
Instrument :
BNA_F
ClientSampleId :
91522-A

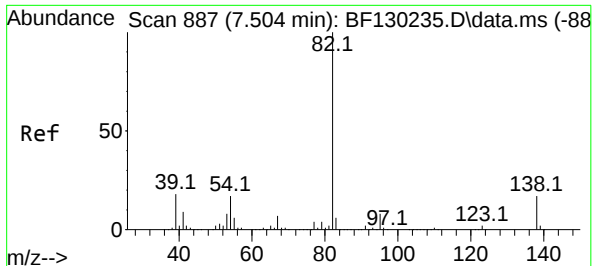
Tgt Ion:136 Resp: 318835
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 6.5 7.1 10.7#
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 66.040 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

Tgt Ion: 82 Resp: 412146
Ion Ratio Lower Upper
82 100
128 43.9 32.6 49.0
54 50.5 43.8 65.6

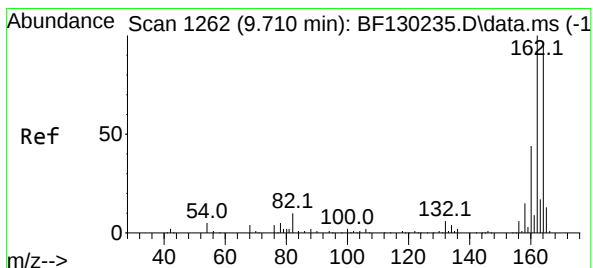
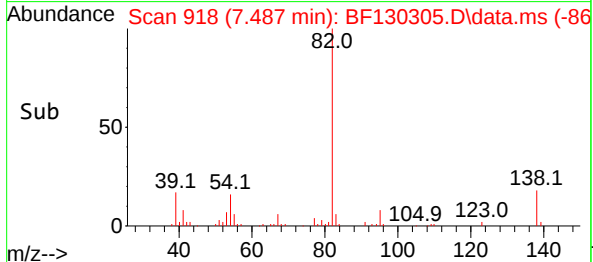
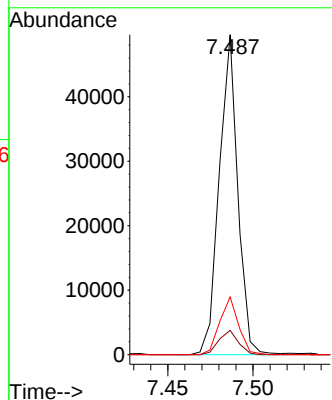
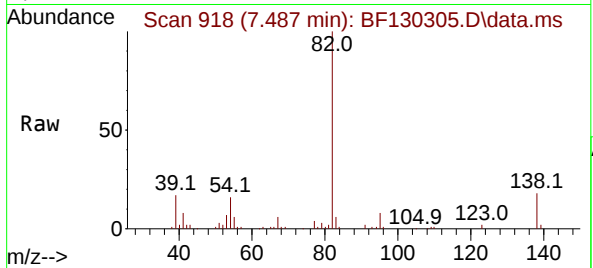




#25
Isophorone
Concen: 3.740 ng
RT: 7.487 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

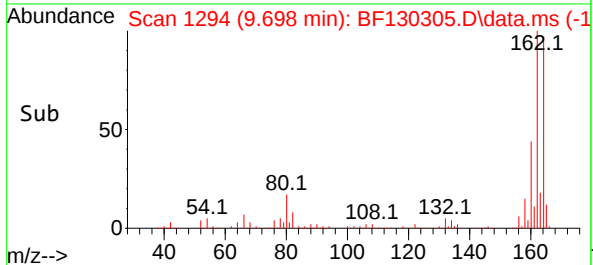
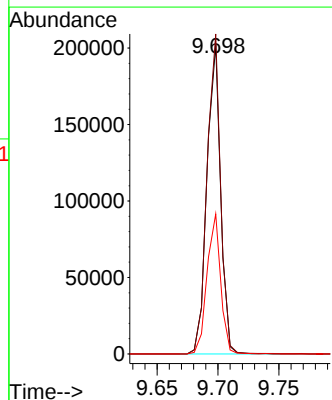
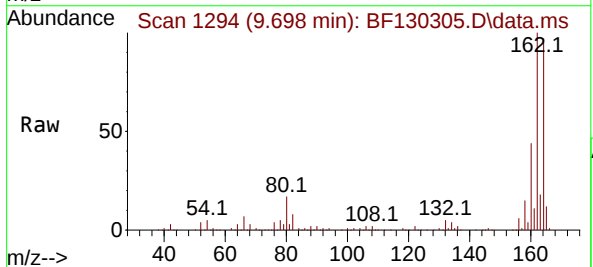
Instrument :
BNA_F
ClientSampleId :
91522-A

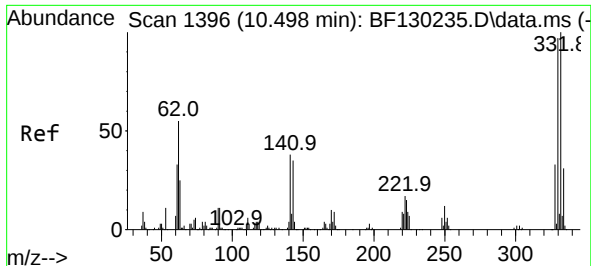
Tgt Ion: 82 Resp: 37615
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.1 13.8 20.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

Tgt Ion: 164 Resp: 158219
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 45.4 36.2 54.4

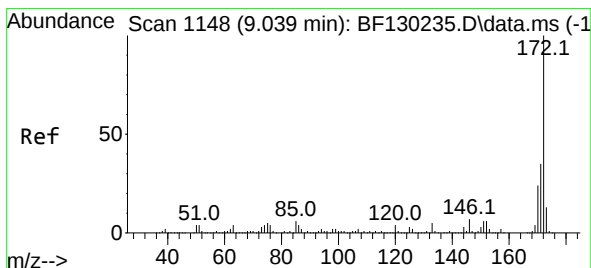
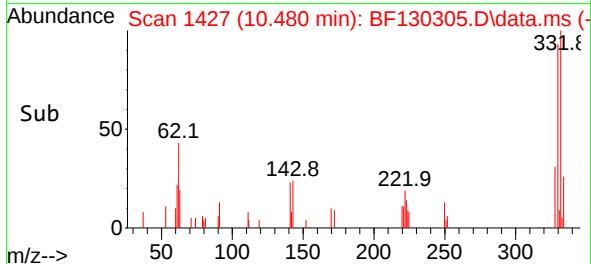
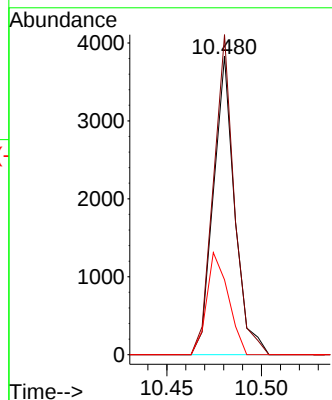
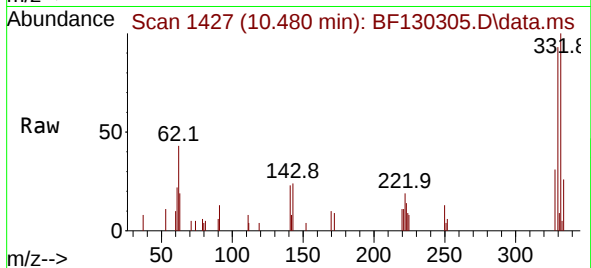




#42
2,4,6-Tribromophenol
Concen: 1.972 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

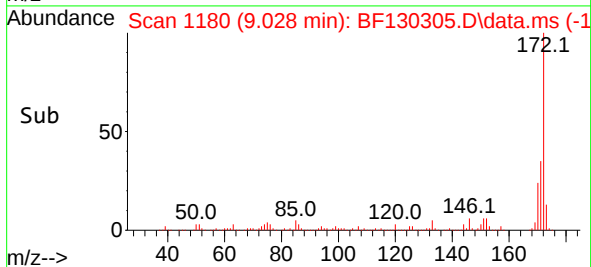
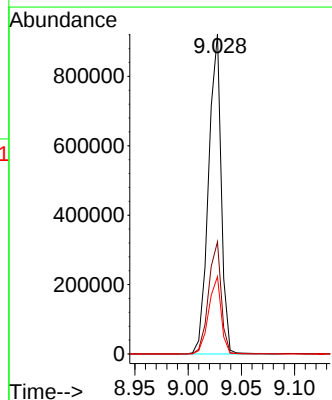
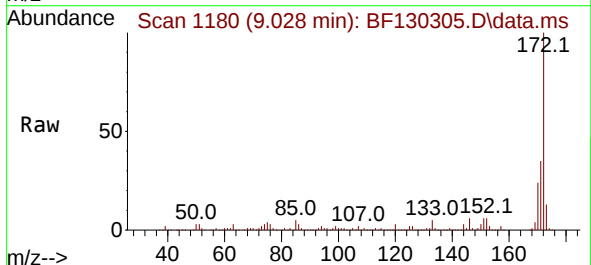
Instrument :
BNA_F
ClientSampleId :
91522-A

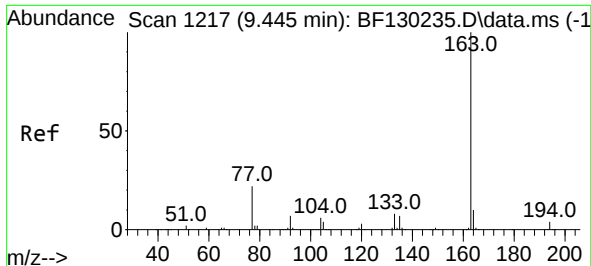
Tgt Ion:330 Resp: 2989
Ion Ratio Lower Upper
330 100
332 105.0 83.4 125.2
141 34.7 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 70.461 ng
RT: 9.028 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

Tgt Ion:172 Resp: 765575
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 24.2 18.7 28.1

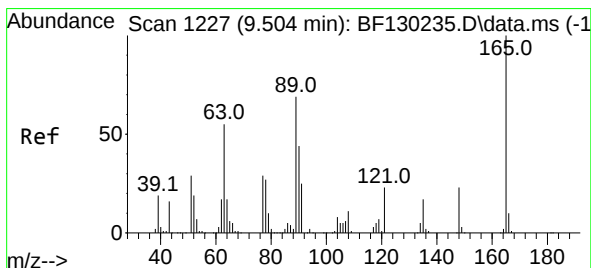
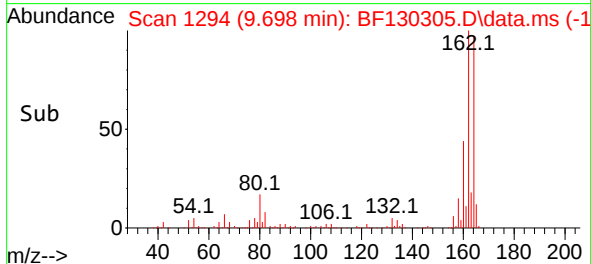
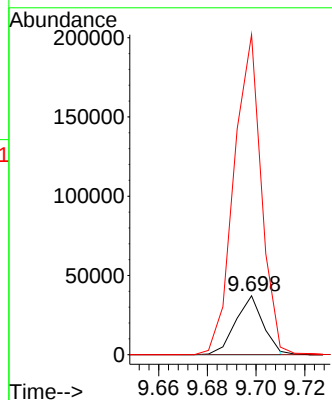
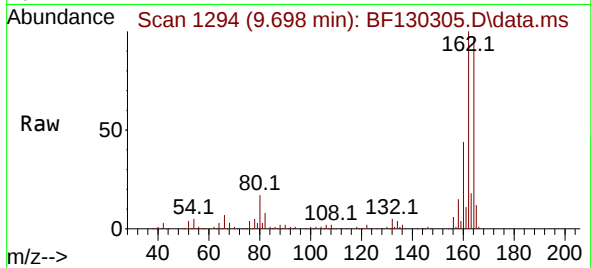




#50
Dimethylphthalate
Concen: 2.683 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.259 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

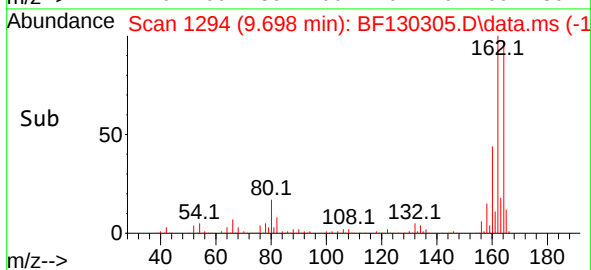
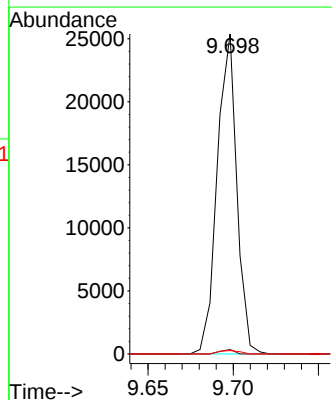
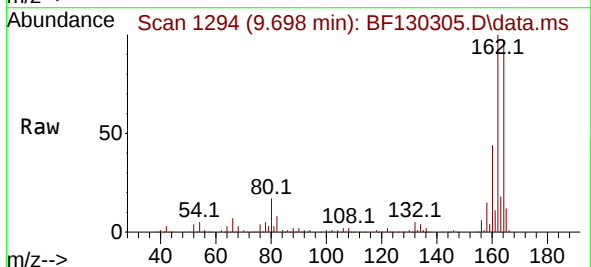
Instrument :
BNA_F
ClientSampleId :
91522-A

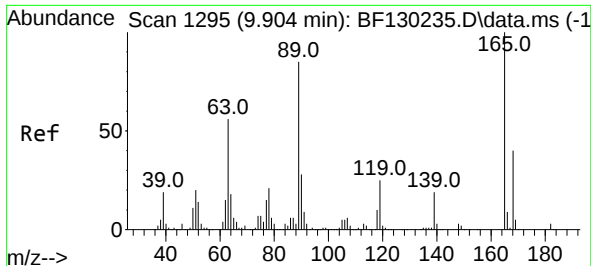
Tgt Ion:163 Resp: 29319
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 544.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.200 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

Tgt Ion:165 Resp: 20285
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.1 54.5 81.7#





#57

2,4-Dinitrotoluene

Concen: 6.944 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130305.D

Acq: 16 Sep 2022 23:03

Instrument :

BNA_F

ClientSampleId :

91522-A

Tgt Ion:165 Resp: 20285

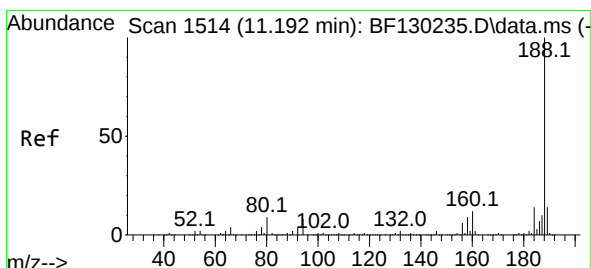
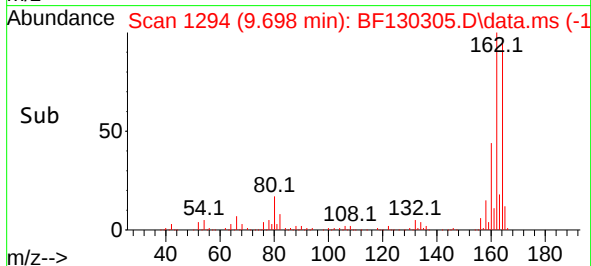
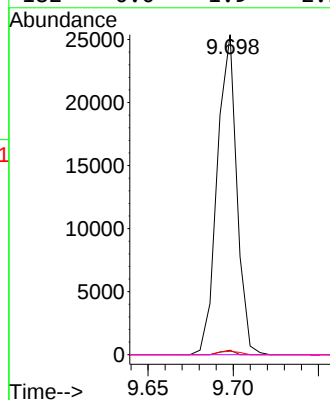
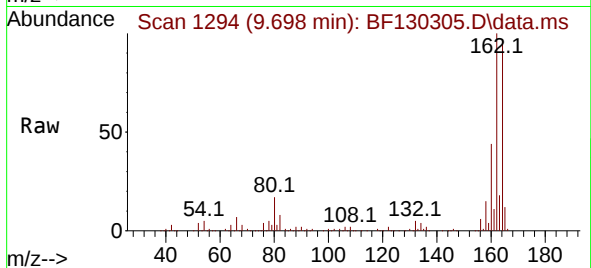
Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

89 1.1 69.0 103.4#

182 0.0 1.9 2.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.174 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF130305.D

Acq: 16 Sep 2022 23:03

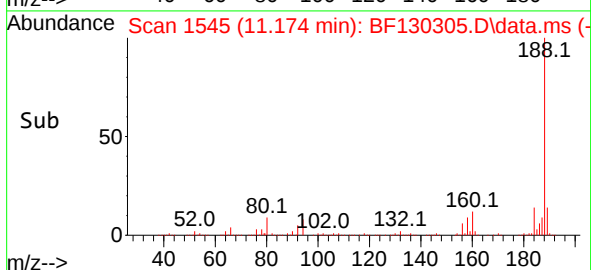
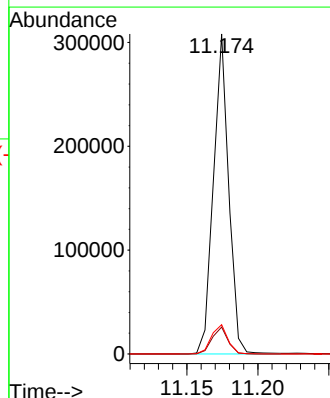
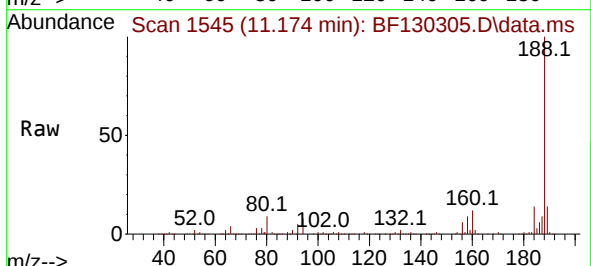
Tgt Ion:188 Resp: 231202

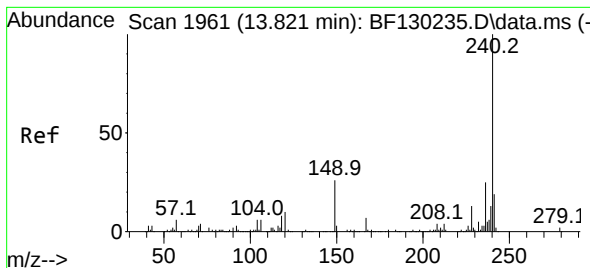
Ion Ratio Lower Upper

188 100

94 8.4 7.4 11.2

80 9.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF130305.D

Acq: 16 Sep 2022 23:03

Instrument :

BNA_F

ClientSampleId :

91522-A

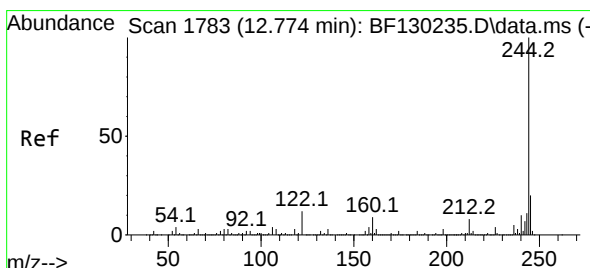
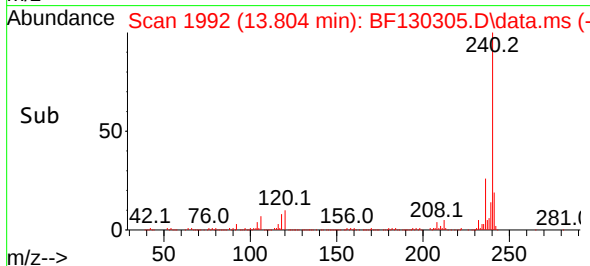
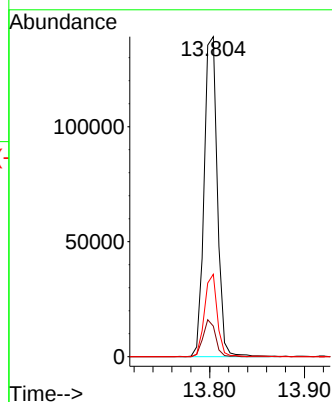
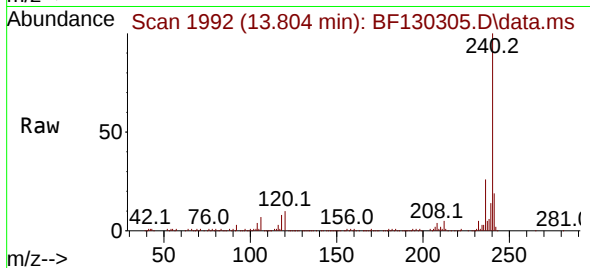
Tgt Ion:240 Resp: 134675

Ion Ratio Lower Upper

240 100

120 9.6 8.7 13.1

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 65.168 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF130305.D

Acq: 16 Sep 2022 23:03

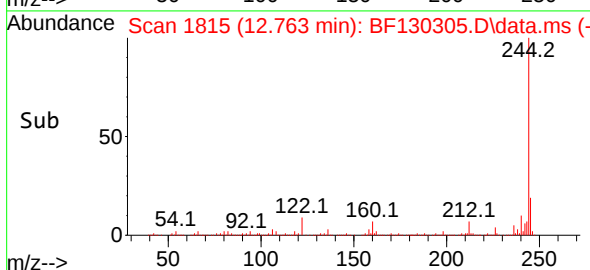
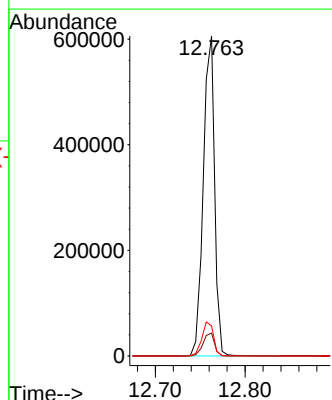
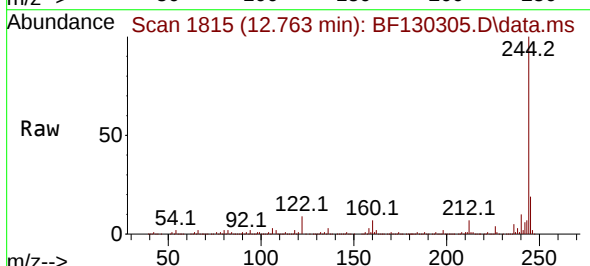
Tgt Ion:244 Resp: 529821

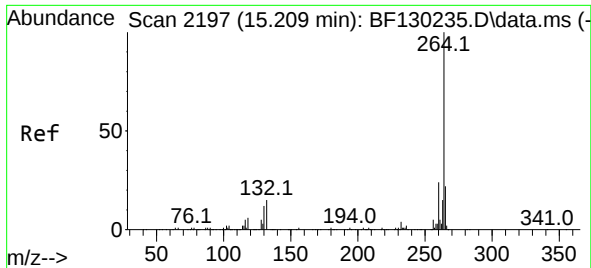
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

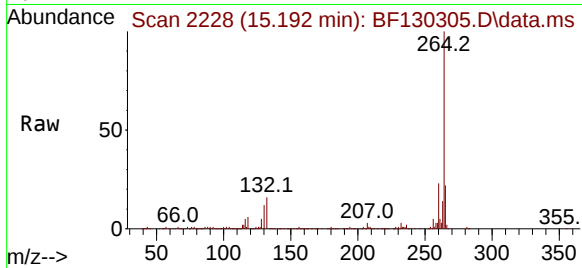
122 9.4 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130305.D
Acq: 16 Sep 2022 23:03

Instrument :
BNA_F
ClientSampleId :
91522-A



Tgt Ion:264 Resp: 167061

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	21.5	17.0	25.4

