

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135186.D
 Acq On : 12 Sep 2023 17:40
 Operator : CG\JU
 Sample : PB155443BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155443BL

Quant Time: Sep 13 02:42:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

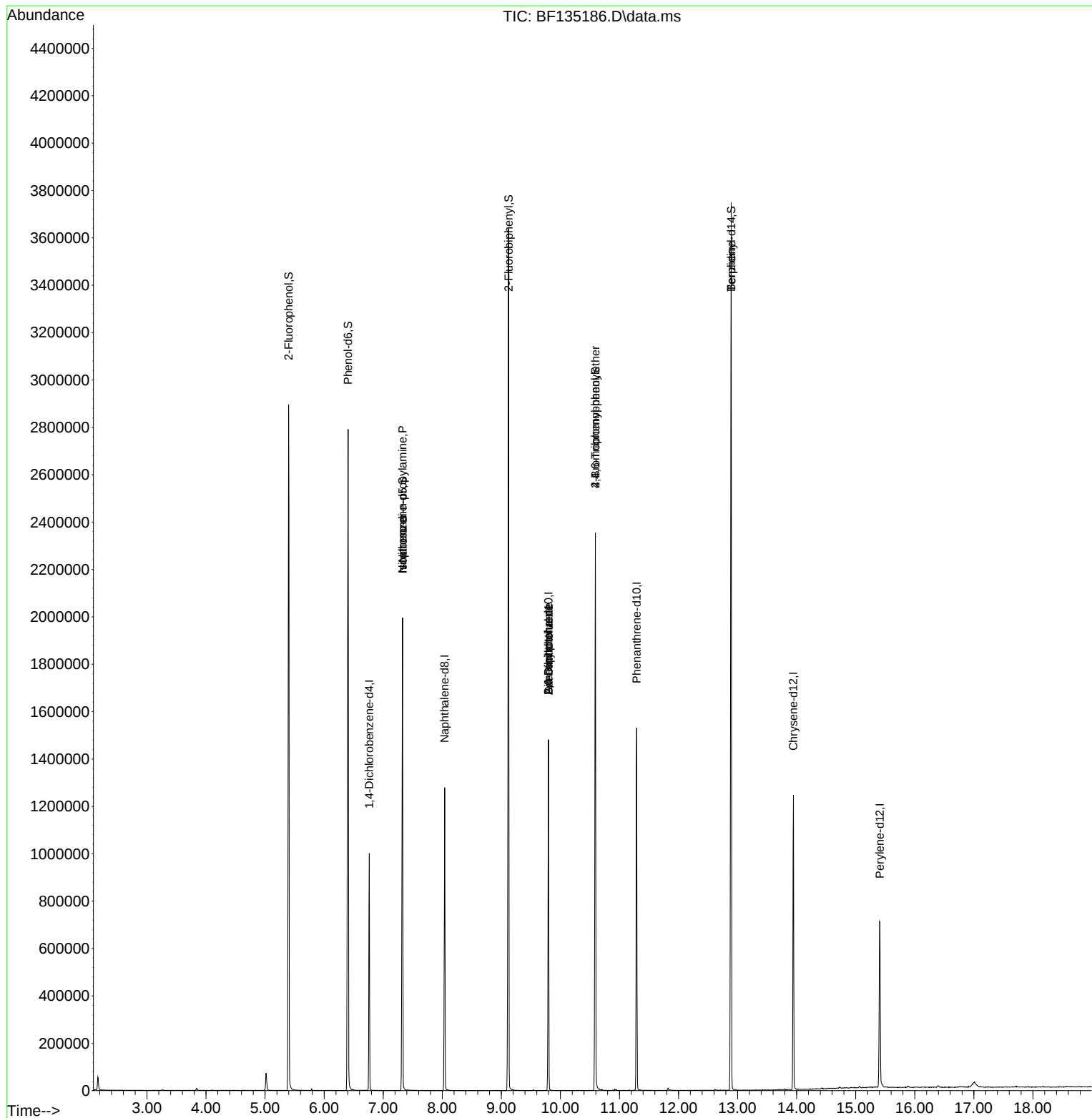
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	139146	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	536784	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	283108	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	580047	20.000	ng	0.00
76) Chrysene-d12	13.945	240	426620	20.000	ng	0.00
86) Perylene-d12	15.410	264	362343	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	828728	96.868	ng	0.01
7) Phenol-d6	6.404	99	1033191	94.976	ng	0.00
23) Nitrobenzene-d5	7.328	82	642545	65.034	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	303580	107.905	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1202078	64.060	ng	0.00
79) Terphenyl-d14	12.892	244	1477340	53.682	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.328	70	86377	12.819	ng	# 79
25) Isophorone	7.328	82	638709	35.205	ng	# 65
50) Dimethylphthalate	9.798	163	58916	3.078	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	36801	8.776	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	36801	7.010	ng	# 19
67) 4-Bromophenyl-phenylether	10.592	248	18425	3.194	ng	# 1
77) Benzidine	12.892	184	17818	2.039	ng	# 94

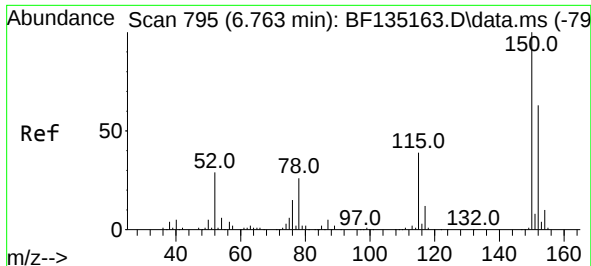
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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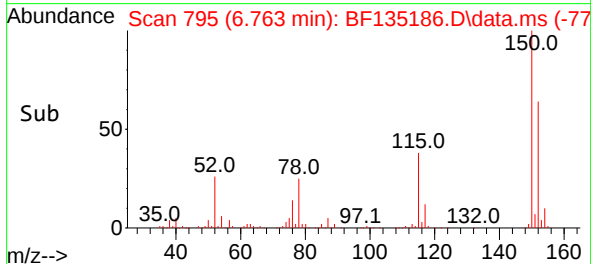
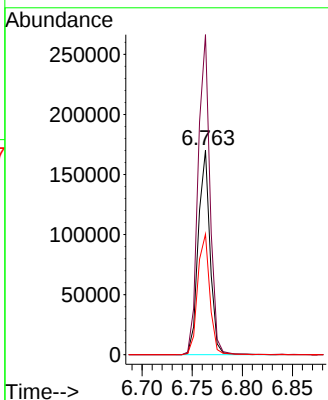
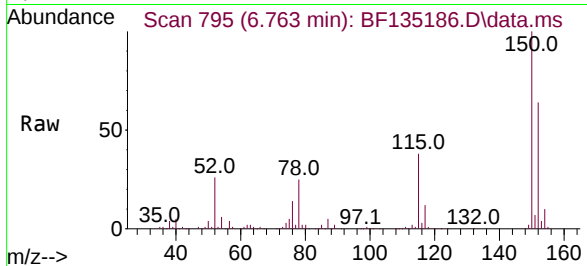




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135186.D
 Acq: 12 Sep 2023 17:40

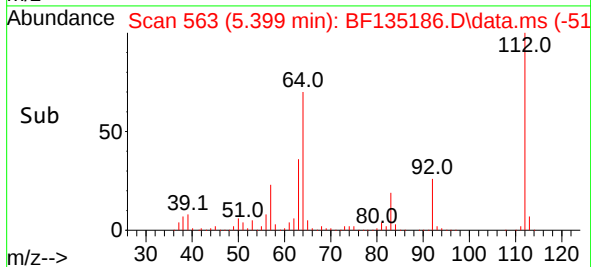
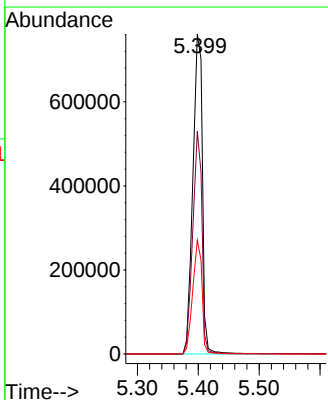
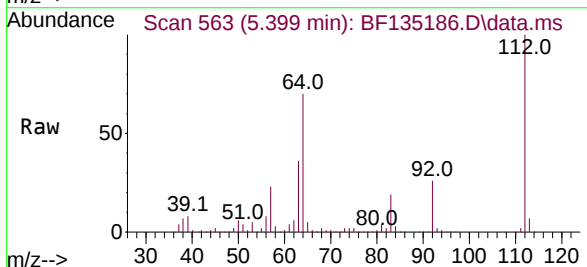
Instrument :
 BNA_F
 ClientSampleId :
 PB155443BL

Tgt Ion:152 Resp: 139146
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.8 191.6
 115 58.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 96.868 ng
 RT: 5.399 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135186.D
 Acq: 12 Sep 2023 17:40

Tgt Ion:112 Resp: 828728
 Ion Ratio Lower Upper
 112 100
 64 69.6 55.9 83.9
 63 35.5 29.0 43.6





#7

Phenol-d6

Concen: 94.976 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

Instrument :

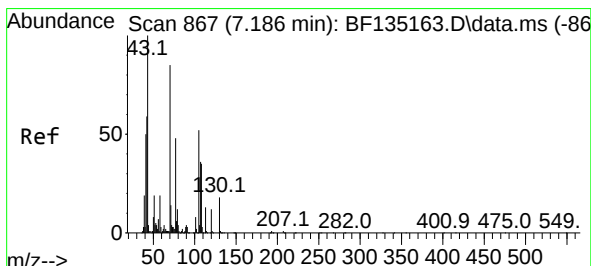
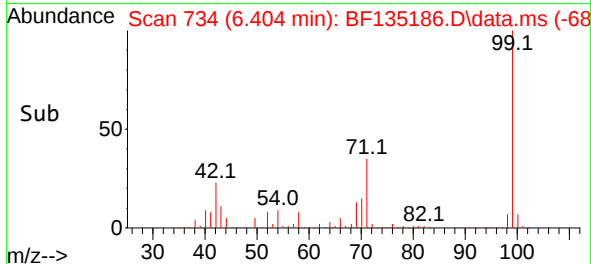
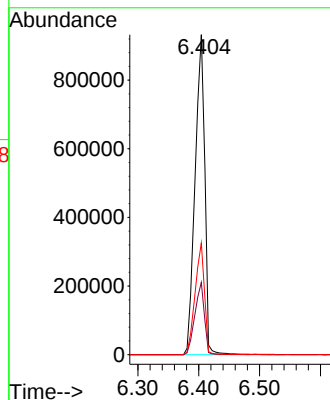
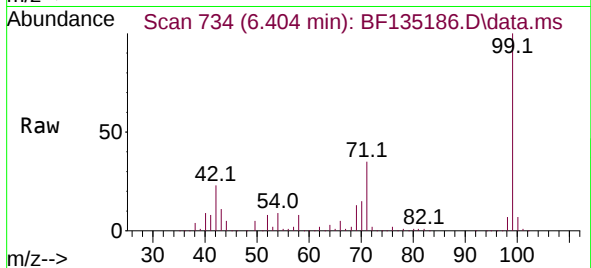
BNA_F

ClientSampleId :

PB155443BL

Tgt Ion: 99 Resp: 1033191

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	34.9	27.0	40.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.819 ng

RT: 7.328 min Scan# 891

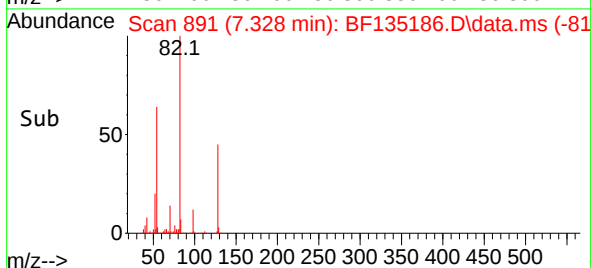
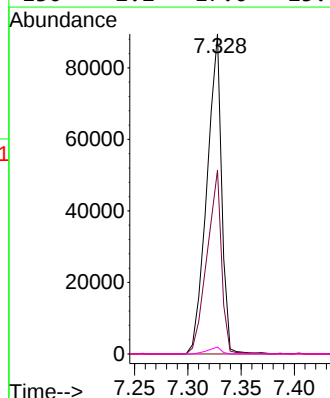
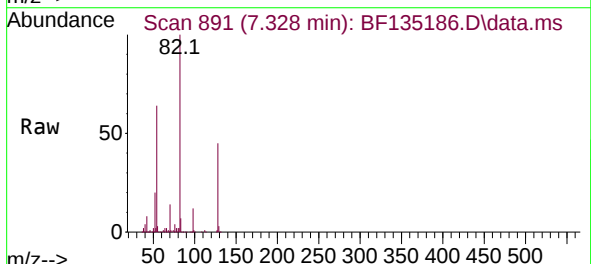
Delta R.T. 0.141 min

Lab File: BF135186.D

Acq: 12 Sep 2023 17:40

Tgt Ion: 70 Resp: 86377

Ion	Ratio	Lower	Upper
70	100		
42	57.4	55.4	83.0
101	0.0	7.7	11.5#
130	2.2	17.0	25.6#

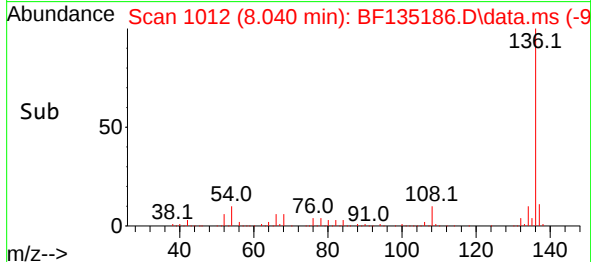
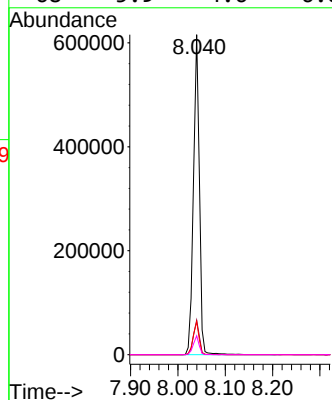
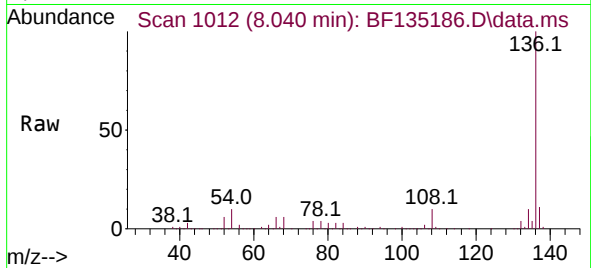




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

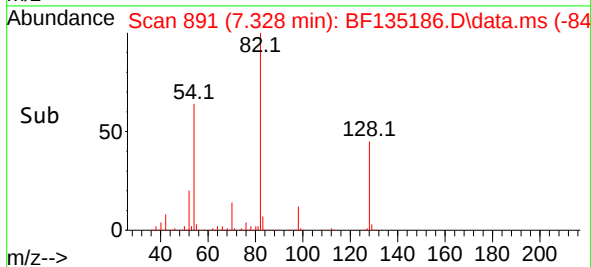
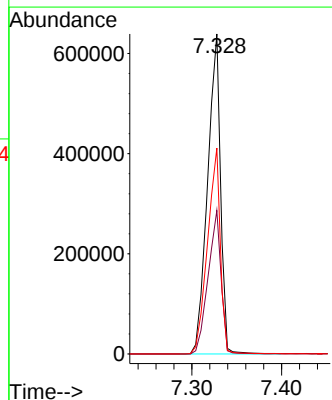
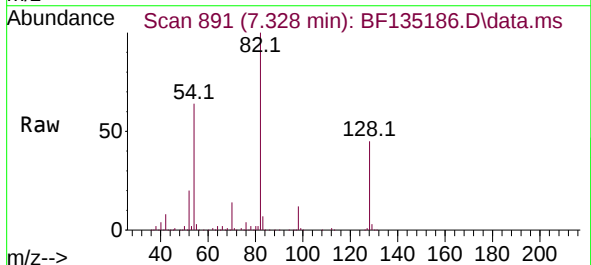
Instrument :
BNA_F
ClientSampleId :
PB155443BL

Tgt Ion	136	Resp:	536784
	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	7.7	11.5
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 65.034 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

Tgt Ion: 82	Resp: 642545
Ion Ratio	Lower Upper
82 100	
128 44.8	35.8 53.6
54 64.4	50.6 76.0

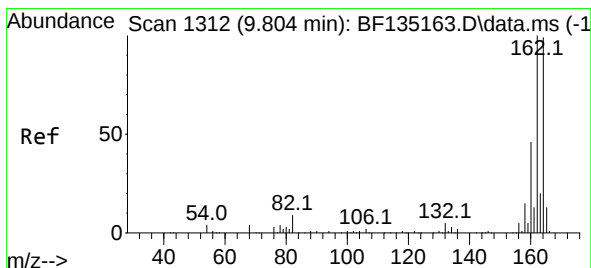
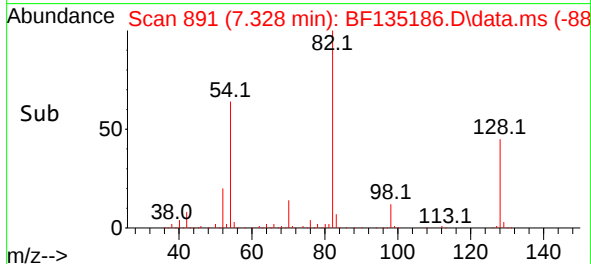
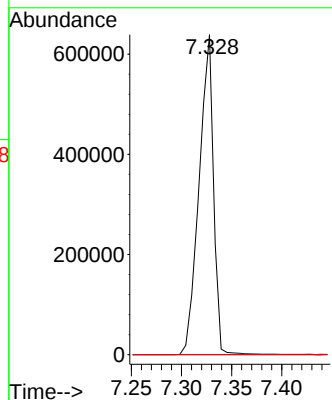
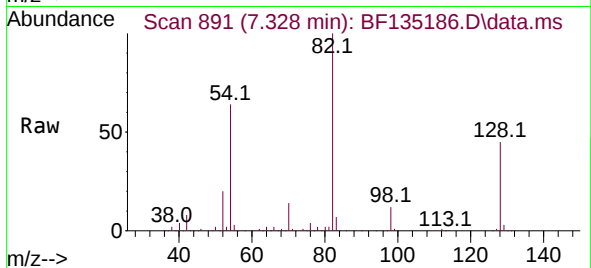




#25
Isophorone
Concen: 35.205 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.264 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

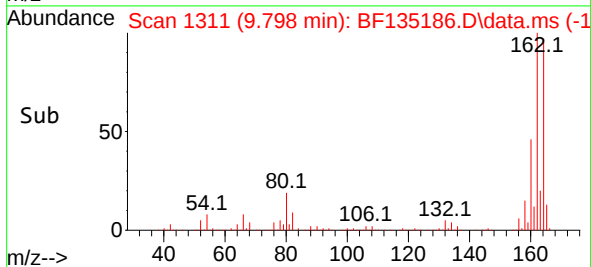
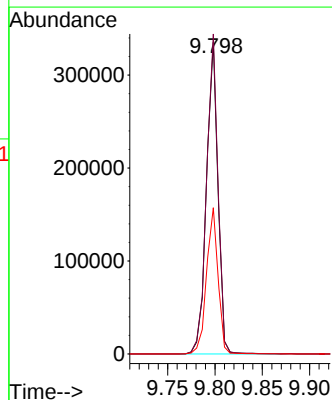
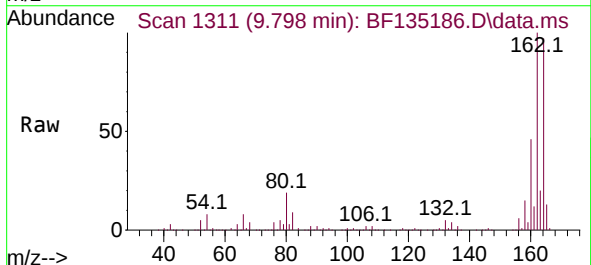
Instrument :
BNA_F
ClientSampleId :
PB155443BL

Tgt Ion: 82 Resp: 638709
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

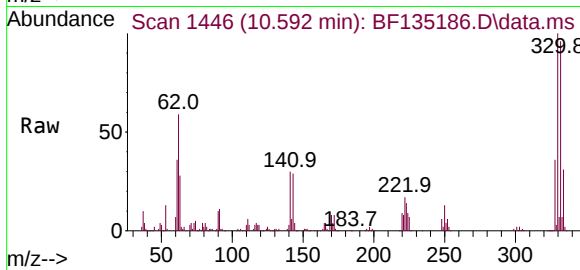
Tgt Ion:164 Resp: 283108
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.4
160 46.9 37.0 55.4



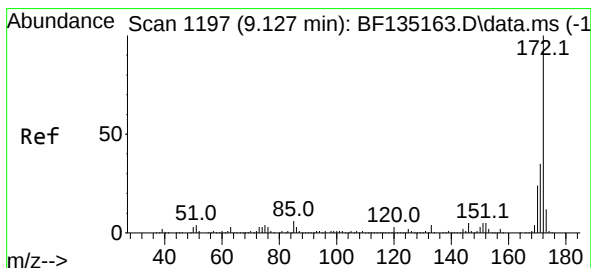
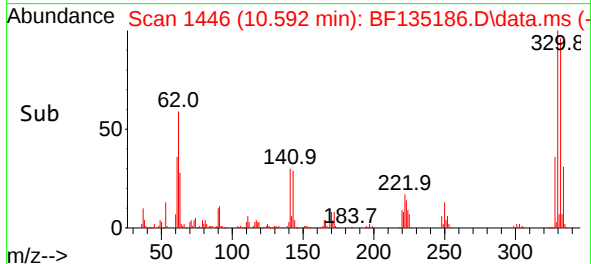
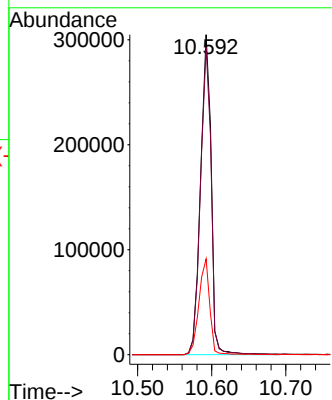


#42
2,4,6-Tribromophenol
Concen: 107.905 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

Instrument :
BNA_F
ClientSampleId :
PB155443BL

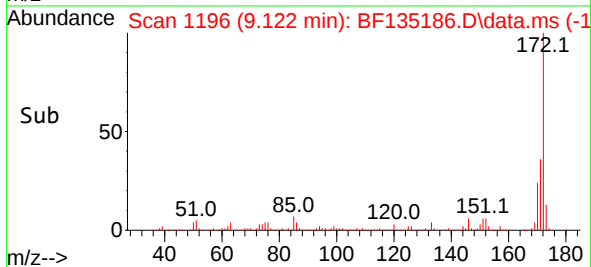
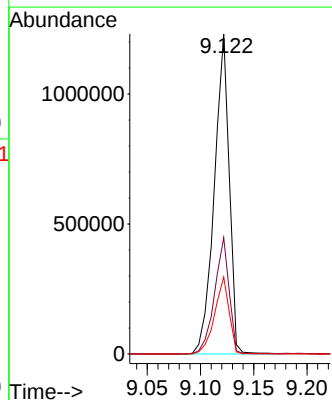
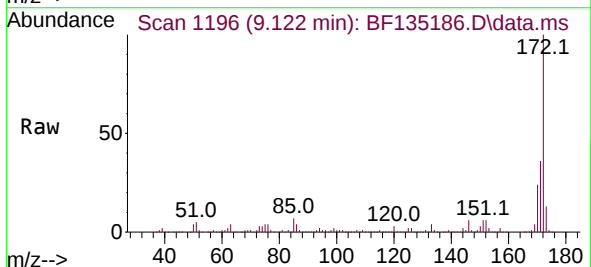


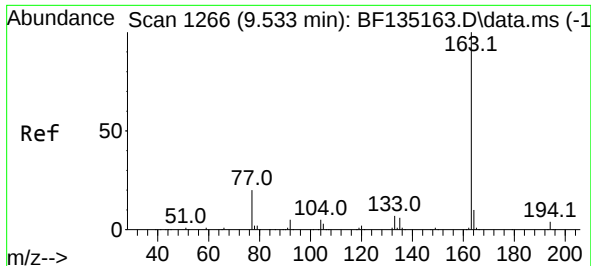
Tgt Ion:330 Resp: 303580
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 64.060 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

Tgt Ion:172 Resp: 1202078
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.1 19.0 28.4

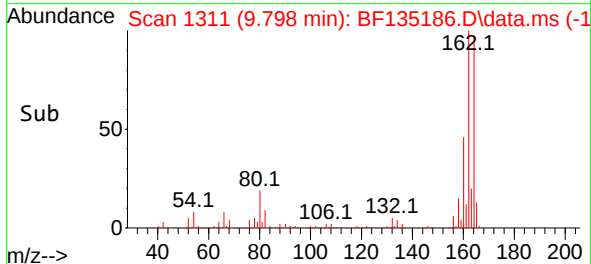
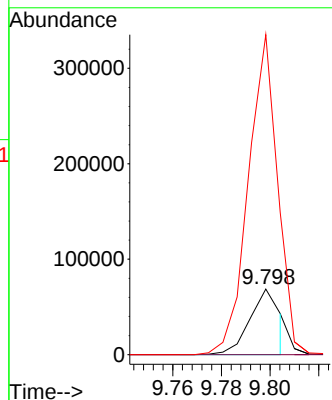
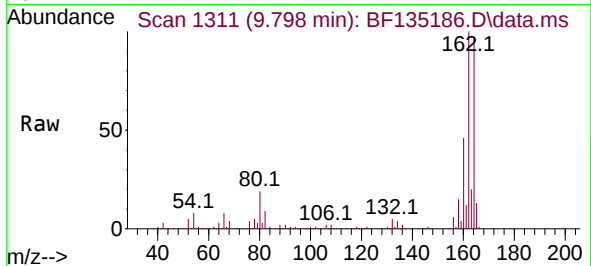




#50
Dimethylphthalate
Concen: 3.078 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

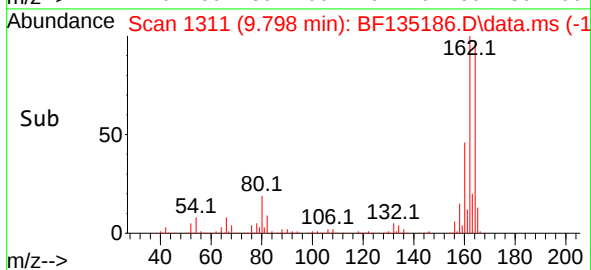
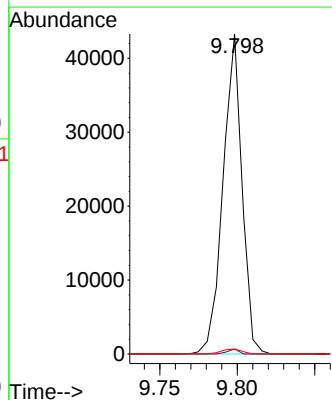
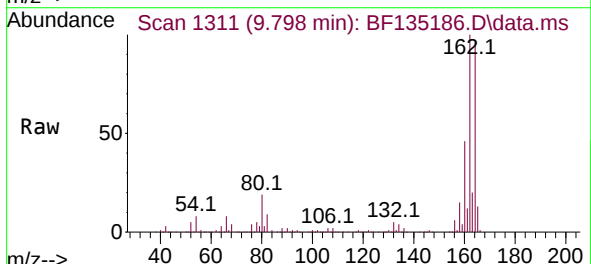
Instrument :
BNA_F
ClientSampleId :
PB155443BL

Tgt Ion:163 Resp: 58916
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 487.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.776 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

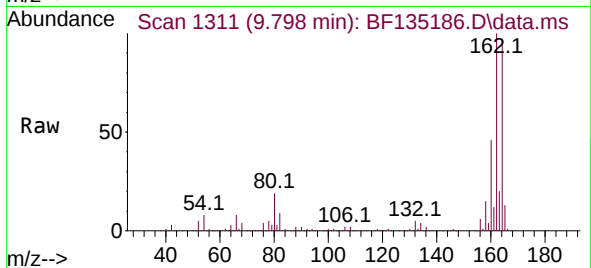
Tgt Ion:165 Resp: 36801
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.6 49.8 74.8#



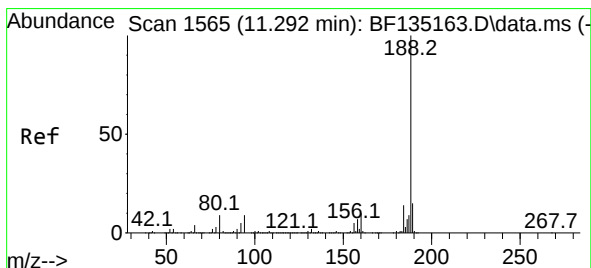
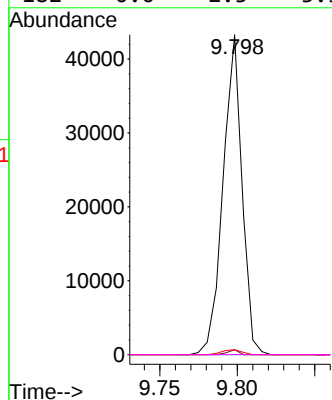
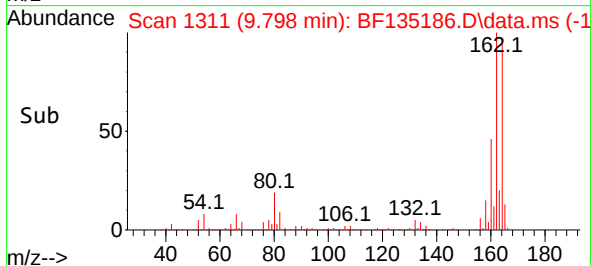


#57
2,4-Dinitrotoluene
Concen: 7.010 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

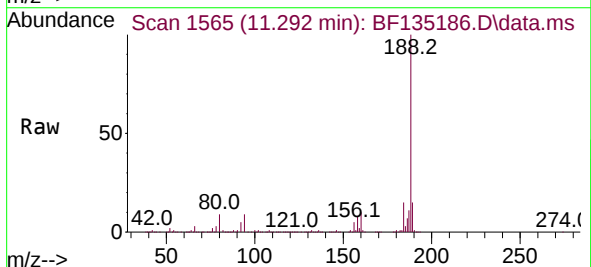
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BNA_F
ClientSampleId :
PB155443BL



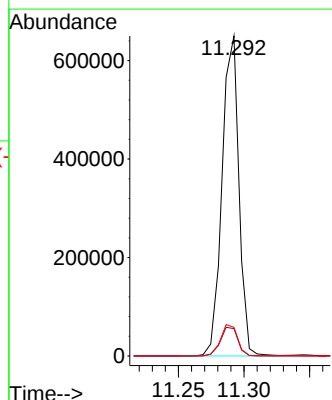
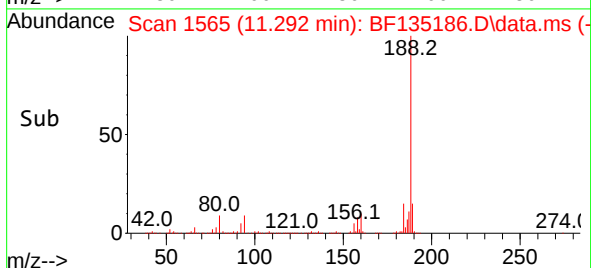
Tgt Ion:165 Resp: 36801
Ion Ratio Lower Upper
165 100
63 1.5 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#

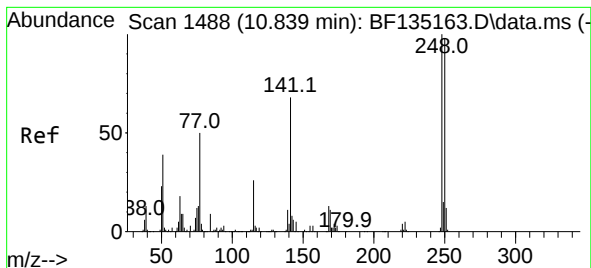


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40



Tgt Ion:188 Resp: 580047
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.9 7.5 11.3

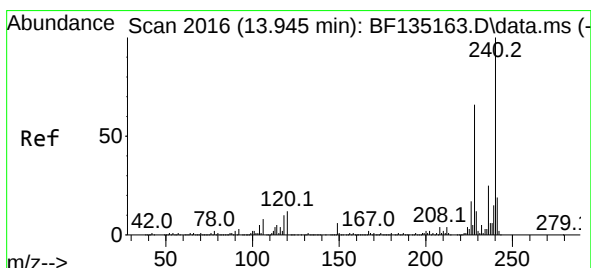
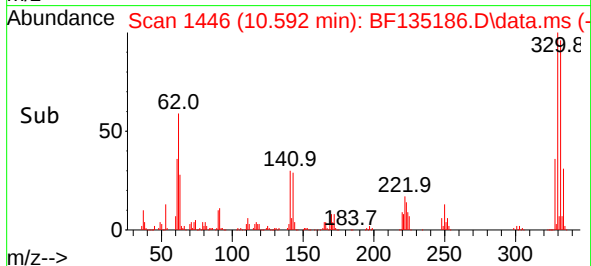
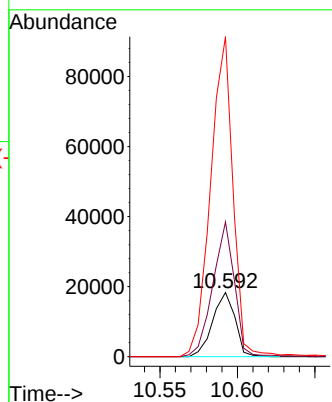
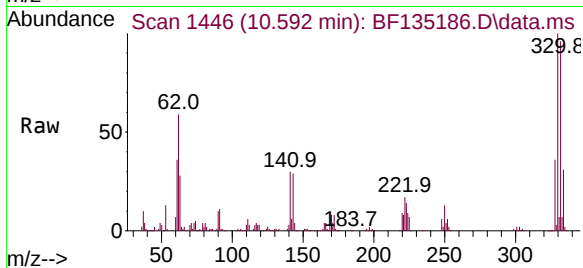




#67
4-Bromophenyl-phenylether
Concen: 3.194 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

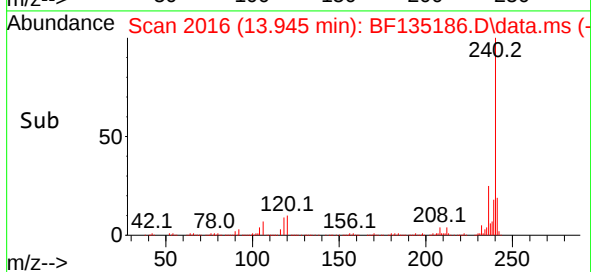
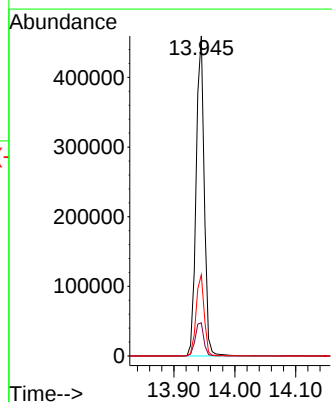
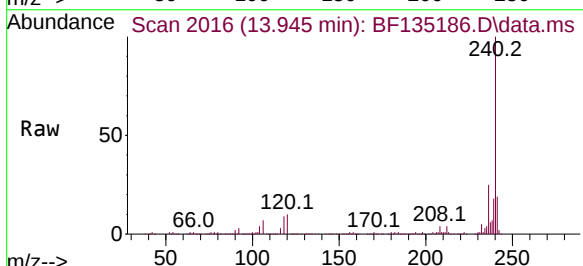
Instrument :
BNA_F
ClientSampleId :
PB155443BL

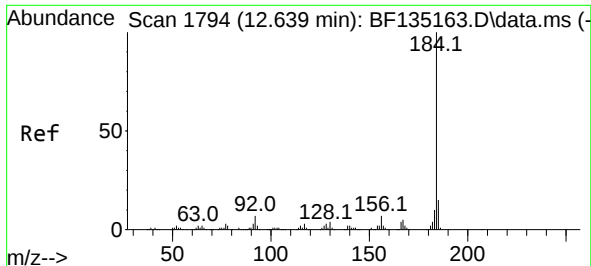
Tgt Ion:248 Resp: 18425
Ion Ratio Lower Upper
248 100
250 209.8 78.6 117.8#
141 498.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

Tgt Ion:240 Resp: 426620
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 25.4 19.8 29.8

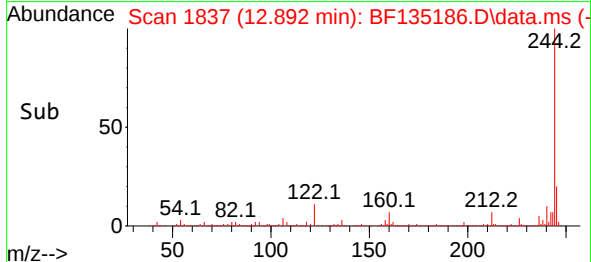
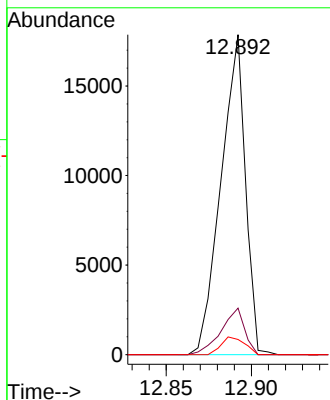
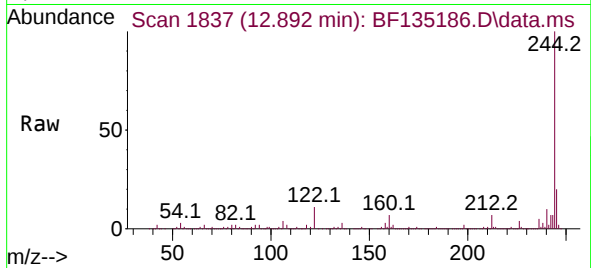




#77
Benzidine
Concen: 2.039 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

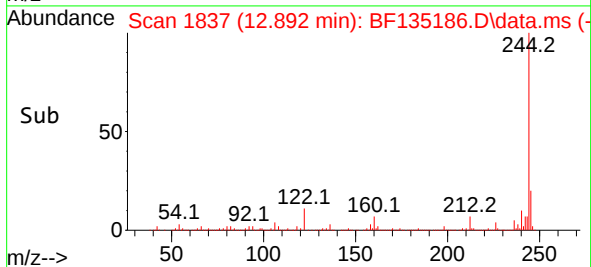
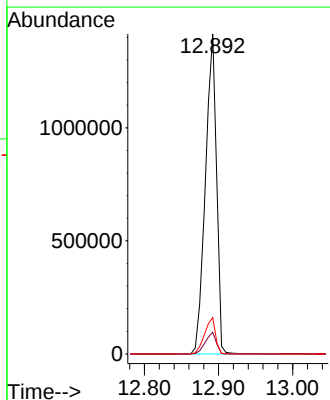
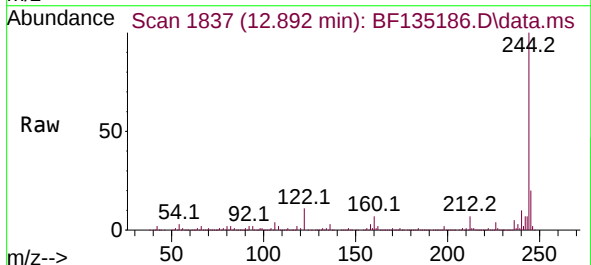
Instrument :
BNA_F
ClientSampleId :
PB155443BL

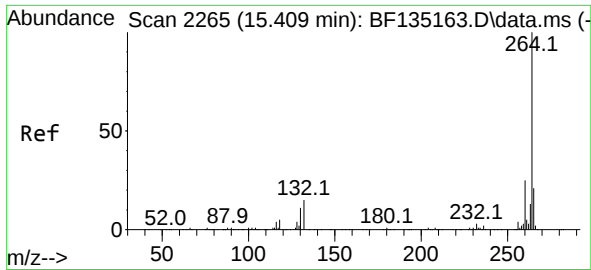
Tgt Ion:184 Resp: 17818
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 4.7 8.2 12.4#



#79
Terphenyl-d14
Concen: 53.682 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135186.D
Acq: 12 Sep 2023 17:40

Tgt Ion:244 Resp: 1477340
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 11.4 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135186.D

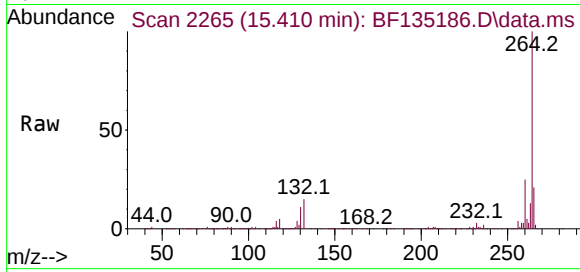
Acq: 12 Sep 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB155443BL



Tgt Ion:264 Resp: 362343

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.1 17.0 25.4

