

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135406.D
 Acq On : 22 Sep 2023 18:37
 Operator : CG\JU
 Sample : 04491-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B102-05

Quant Time: Sep 23 04:57:29 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)

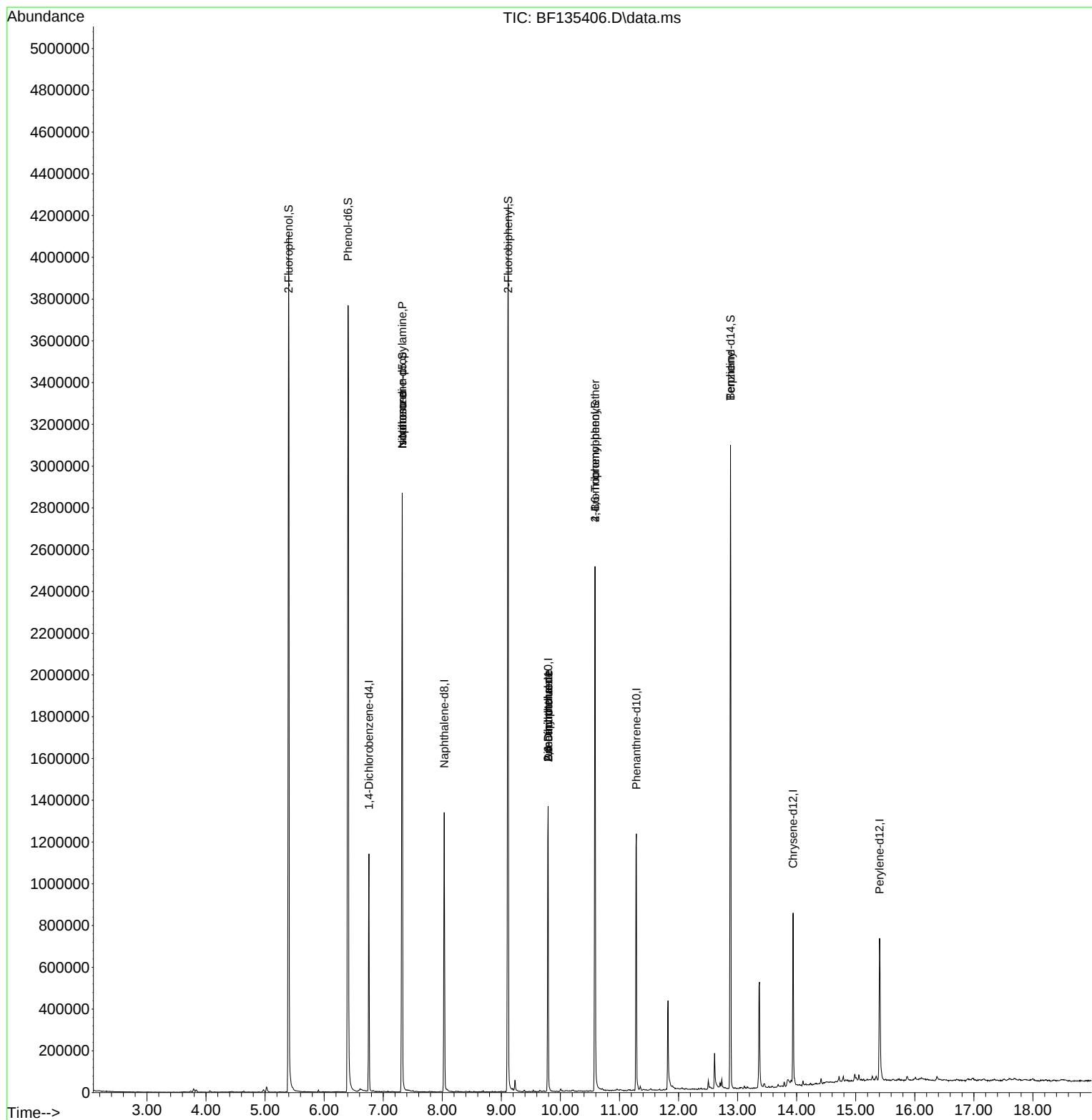
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	155827	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	592761	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	283068	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	487509	20.000	ng	0.00
76) Chrysene-d12	13.939	240	257732	20.000	ng	0.00
86) Perylene-d12	15.404	264	335102	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1233575	128.755	ng	0.01
7) Phenol-d6	6.404	99	1559311	127.995	ng	0.00
23) Nitrobenzene-d5	7.322	82	982378	90.040	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	305091	108.457	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	1510642	80.516	ng	-0.01
79) Terphenyl-d14	12.880	244	1147573	69.024	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	128815	17.071	ng	# 81
25) Isophorone	7.322	82	981240	48.977	ng	# 65
50) Dimethylphthalate	9.792	163	56530	2.954	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	35538	8.476	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	35539	6.771	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	19819	4.088	ng	# 1
77) Benzidine	12.880	184	15186	2.876	ng	# 92

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

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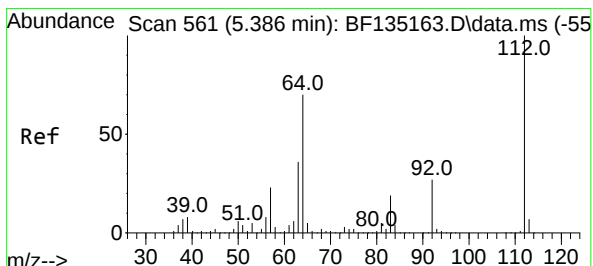
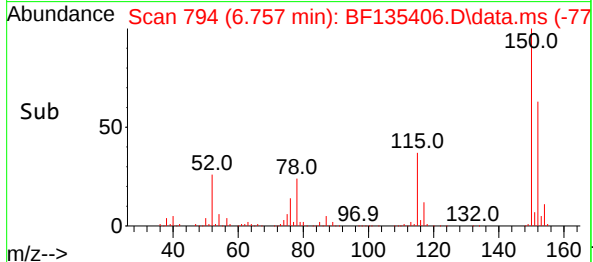
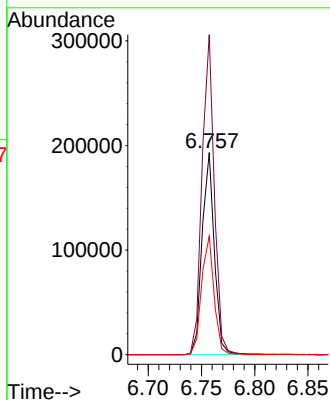
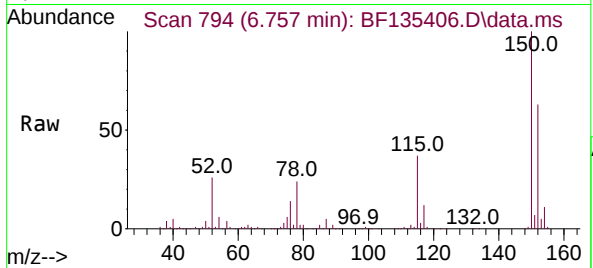




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

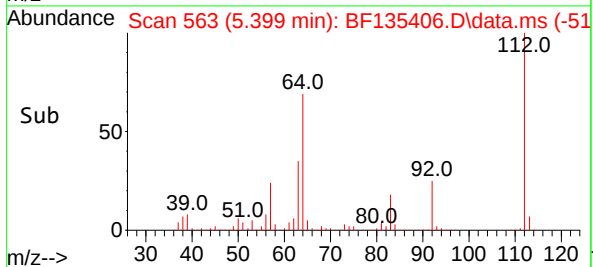
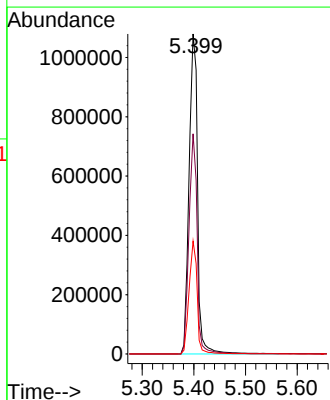
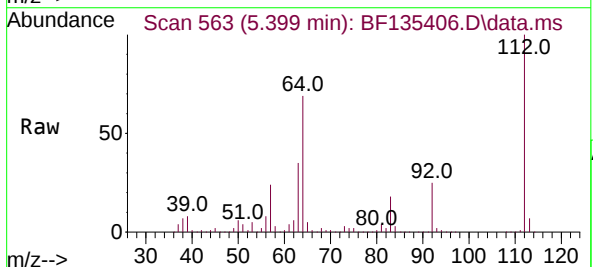
Instrument :
BNA_F
ClientSampleId :
B102-05

Tgt Ion:152 Resp: 155827
Ion Ratio Lower Upper
152 100
150 158.3 127.8 191.6
115 58.6 49.8 74.8



#5
2-Fluorophenol
Concen: 128.755 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion:112 Resp: 1233575
Ion Ratio Lower Upper
112 100
64 68.8 55.9 83.9
63 35.3 29.0 43.6

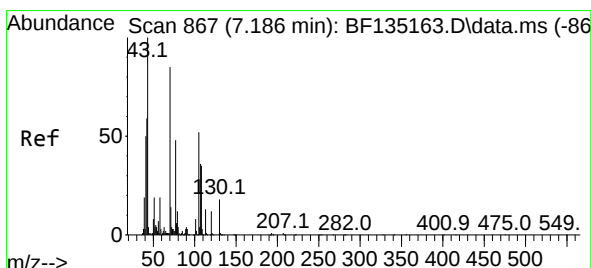
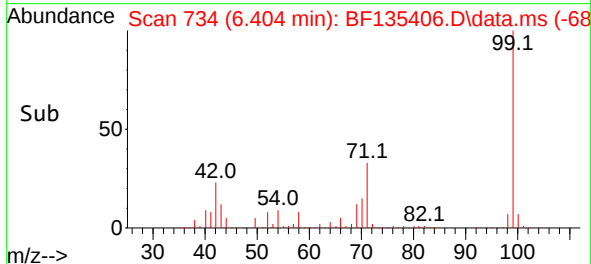
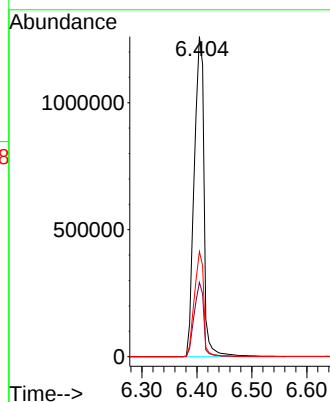
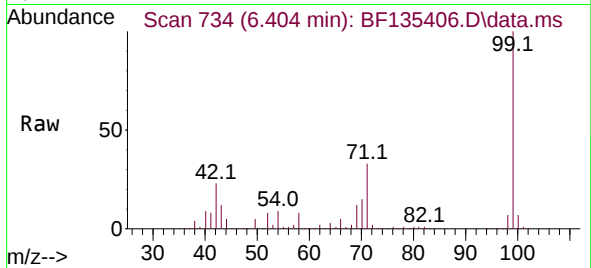




#7
Phenol-d6
Concen: 127.995 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

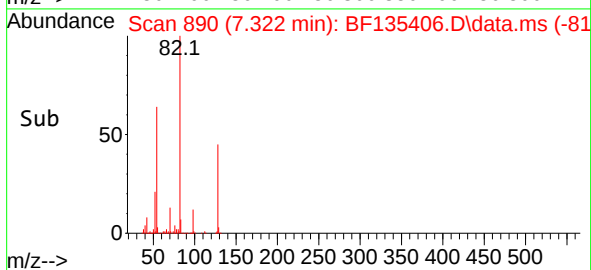
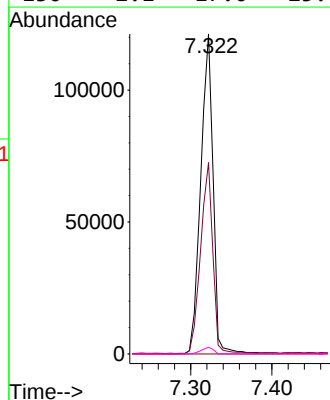
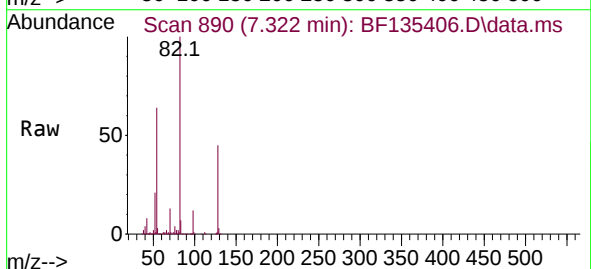
Instrument :
BNA_F
ClientSampleId :
B102-05

Tgt Ion: 99 Resp: 1559311
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.071 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 70 Resp: 128815
Ion Ratio Lower Upper
70 100
42 59.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#

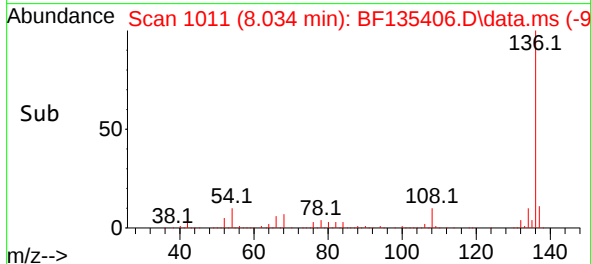
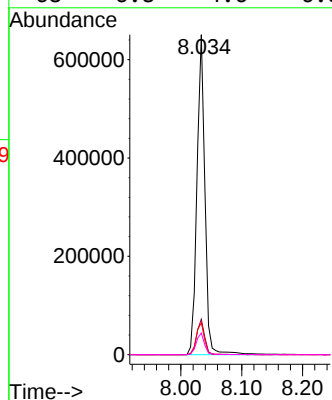
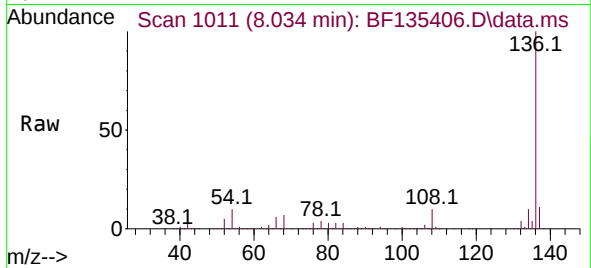




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

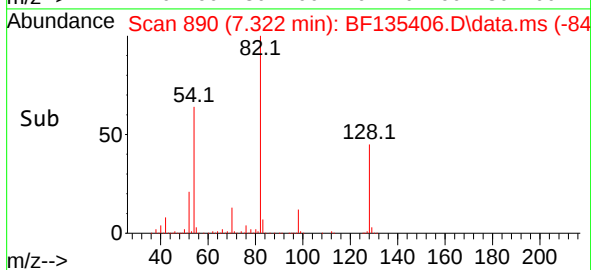
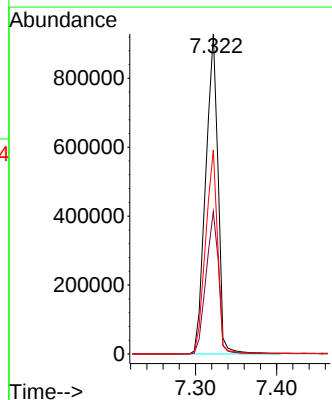
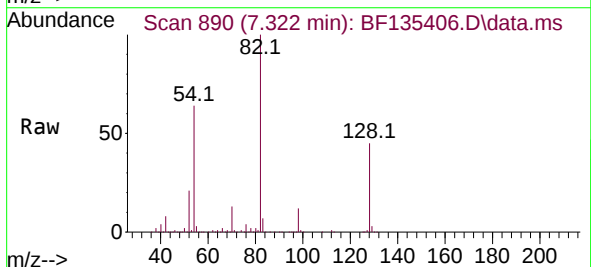
Instrument :
BNA_F
ClientSampleId :
B102-05

Tgt Ion:136	Resp: 592761
Ion Ratio	Lower Upper
136 100	
137 11.1	8.8 13.2
54 10.0	7.7 11.5
68 6.8	4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.040 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion: 82	Resp: 982378
Ion Ratio	Lower Upper
82 100	
128 44.5	35.8 53.6
54 63.8	50.6 76.0

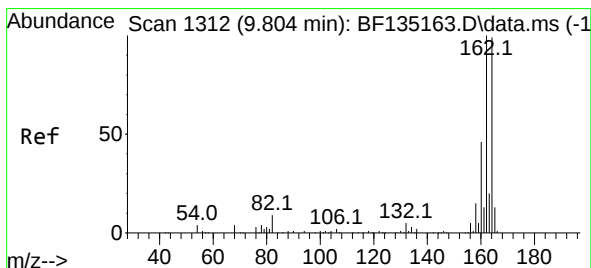
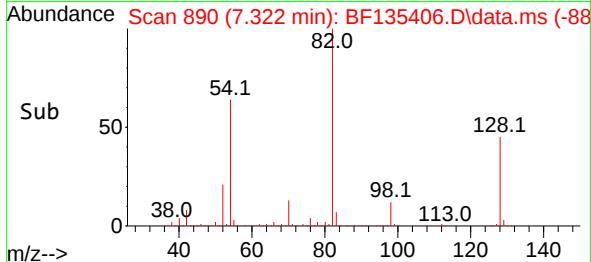
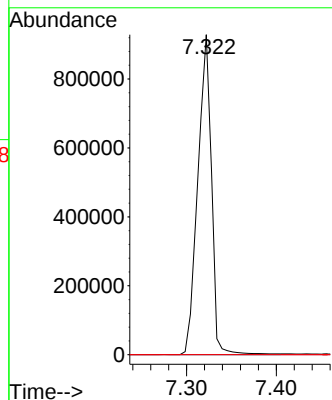
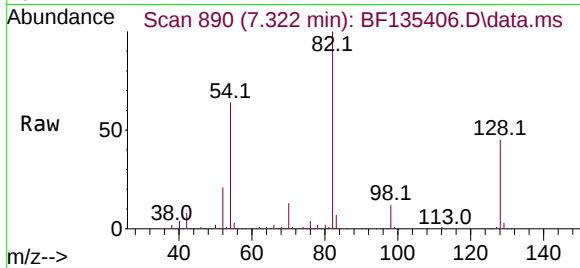




#25
Isophorone
Concen: 48.977 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

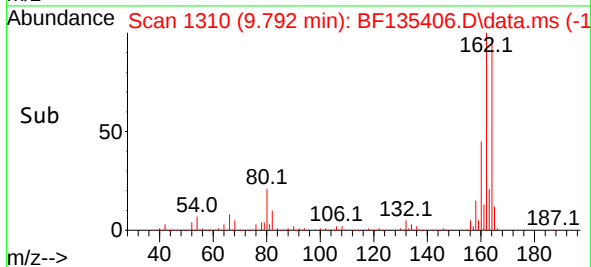
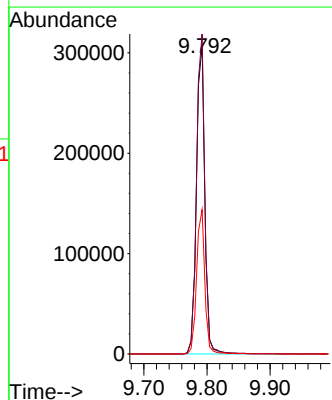
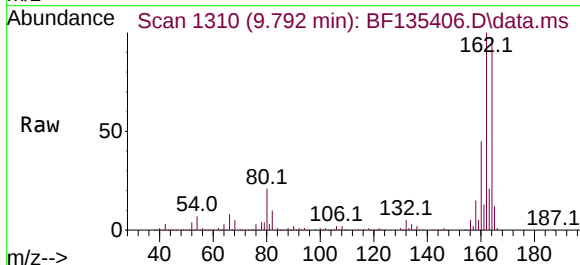
Instrument :
BNA_F
ClientSampleId :
B102-05

Tgt Ion: 82 Resp: 981240
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: 9.792 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion:164 Resp: 283068
Ion Ratio Lower Upper
164 100
162 103.4 81.0 121.4
160 46.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 108.457 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.011 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

Instrument :

BNA_F

ClientSampleId :

B102-05

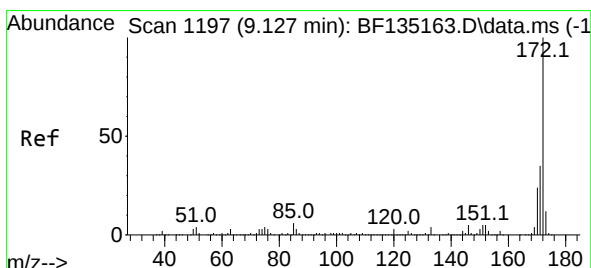
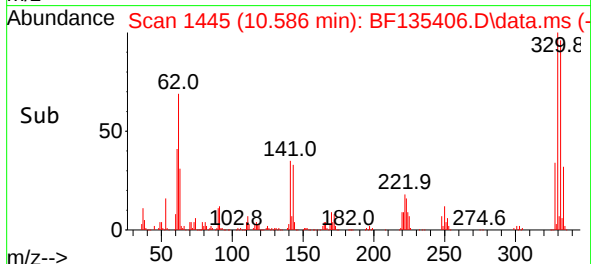
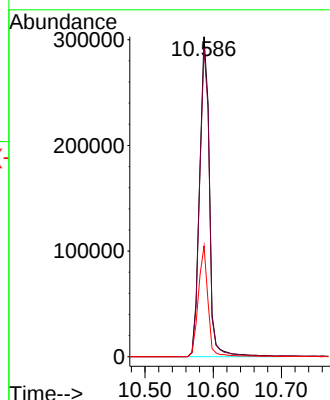
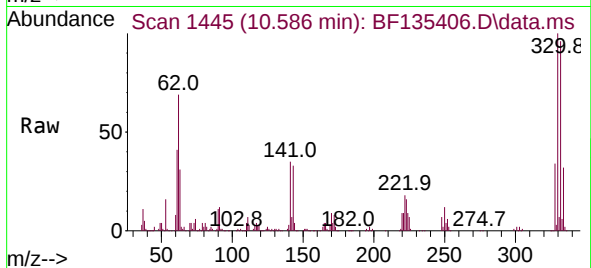
Tgt Ion:330 Resp: 305091

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 80.516 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135406.D

Acq: 22 Sep 2023 18:37

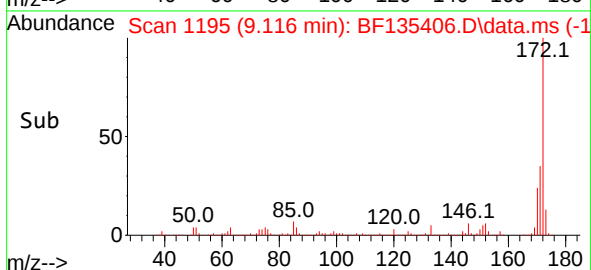
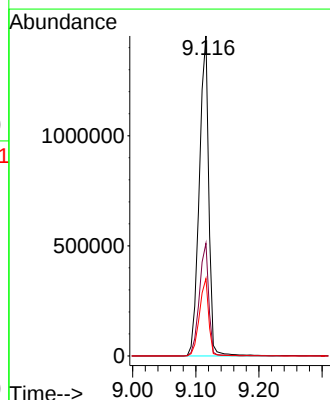
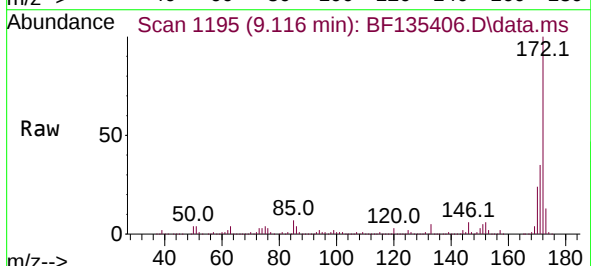
Tgt Ion:172 Resp: 1510642

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 24.2 19.0 28.4

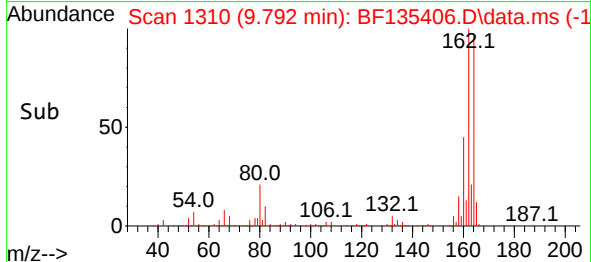
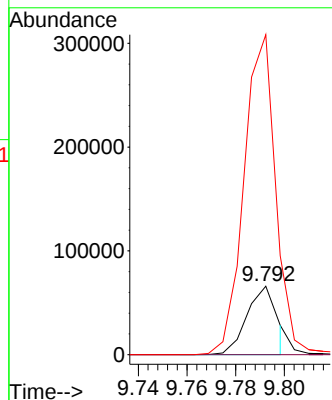
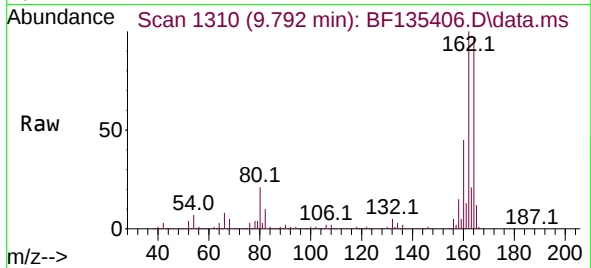




#50
Dimethylphthalate
Concen: 2.954 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

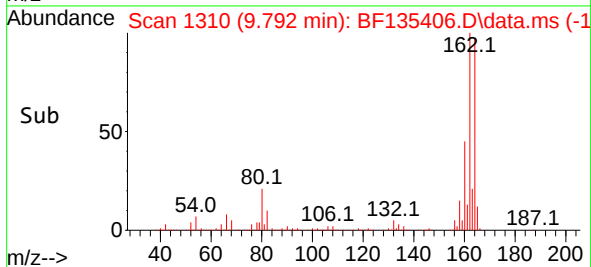
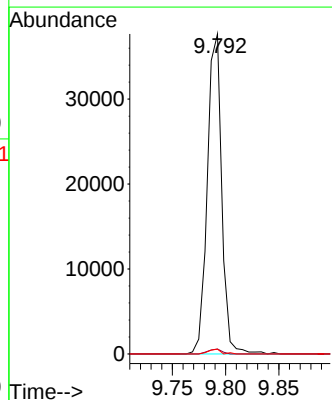
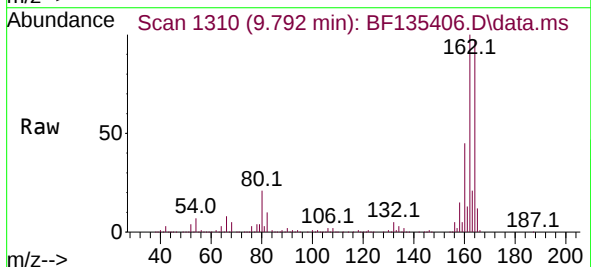
Instrument :
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ClientSampleId :
B102-05

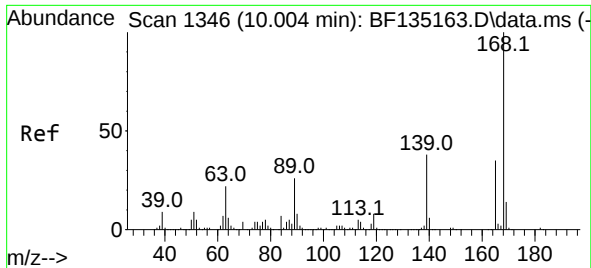
Tgt Ion:163 Resp: 56530
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 466.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.476 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion:165 Resp: 35538
Ion Ratio Lower Upper
165 100
63 1.6 59.4 89.2#
89 1.5 49.8 74.8#

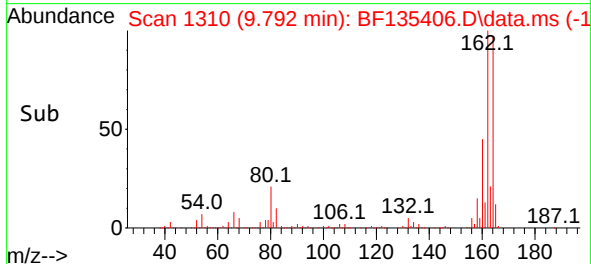
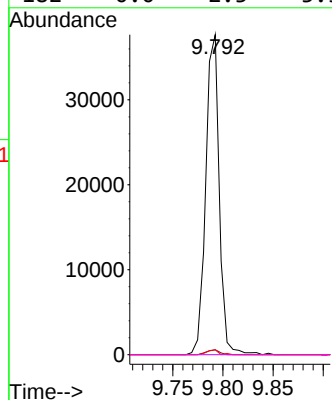
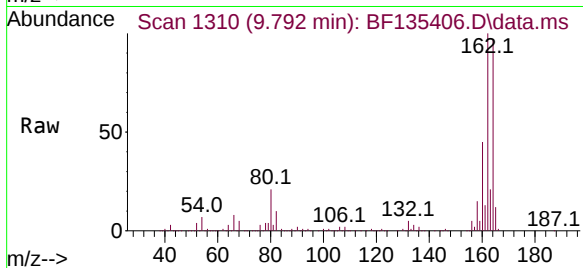




#57
2,4-Dinitrotoluene
Concen: 6.771 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

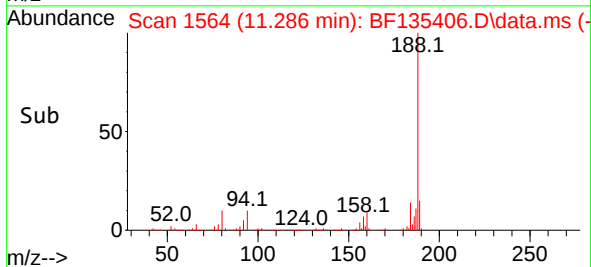
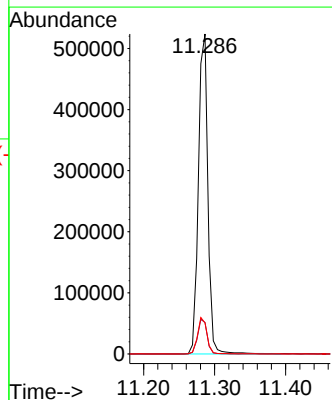
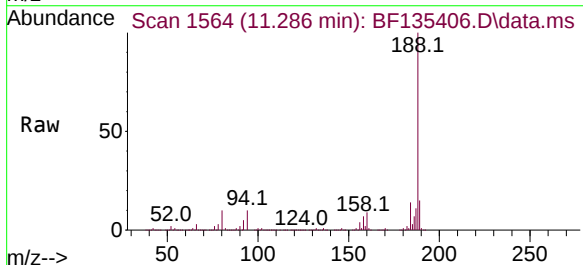
Instrument :
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ClientSampleId :
B102-05

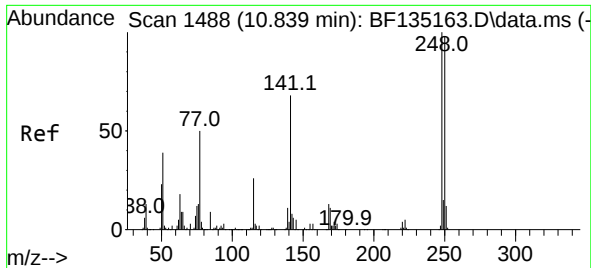
Tgt Ion:165 Resp: 35539
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion:188 Resp: 487509
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 9.7 7.5 11.3

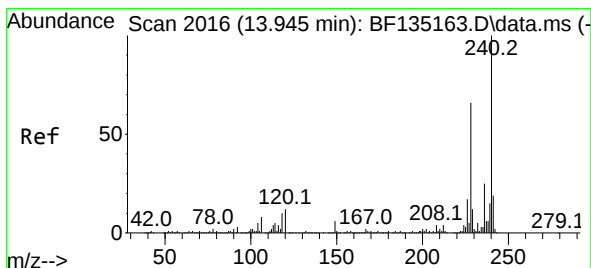
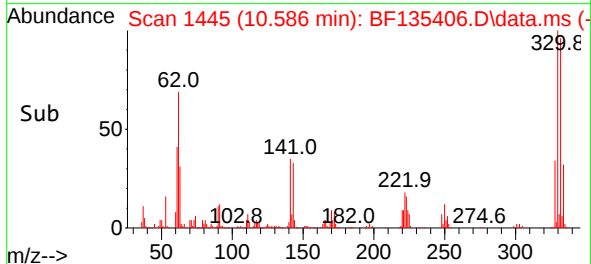
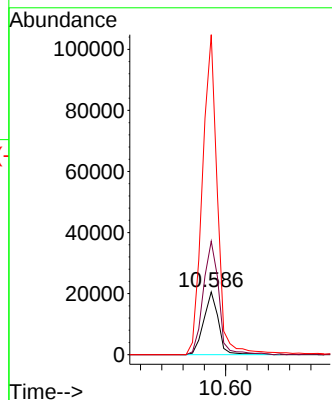
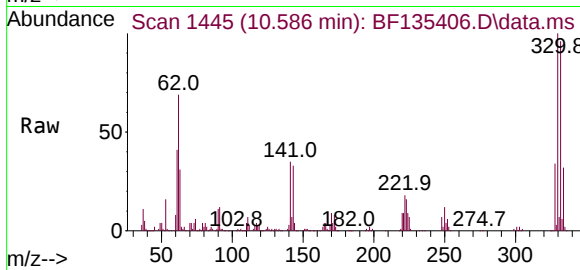




#67
4-Bromophenyl-phenylether
Concen: 4.088 ng
RT: 10.586 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

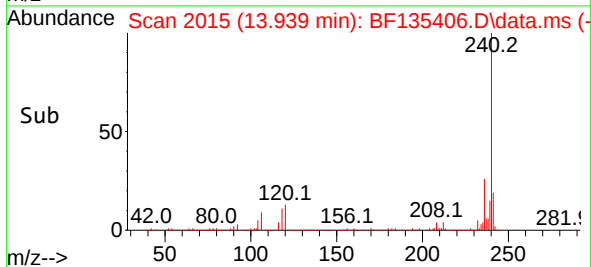
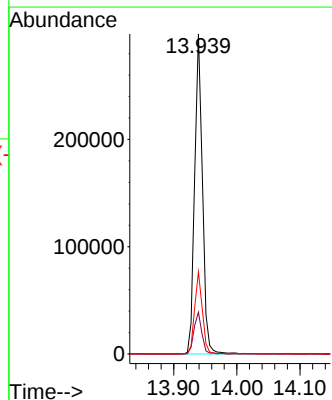
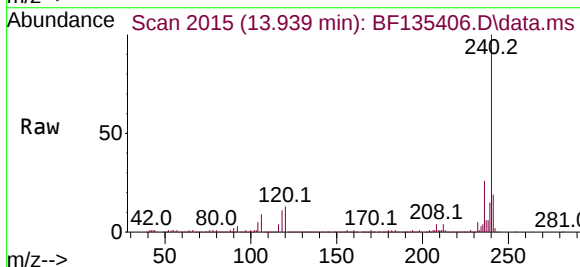
Instrument :
BNA_F
ClientSampleId :
B102-05

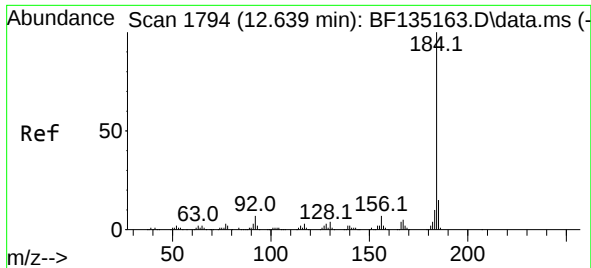
Tgt Ion:248 Resp: 19819
Ion Ratio Lower Upper
248 100
250 181.1 78.6 117.8#
141 510.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

Tgt Ion:240 Resp: 257732
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 25.7 19.8 29.8

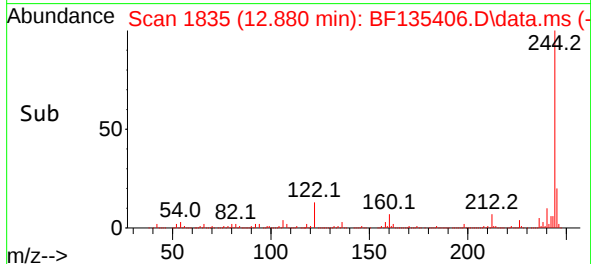
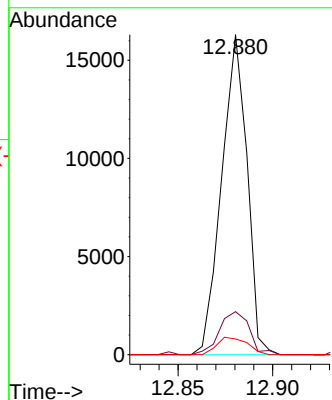
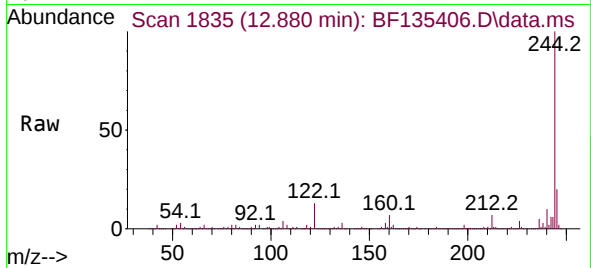




#77
Benzidine
Concen: 2.876 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.241 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

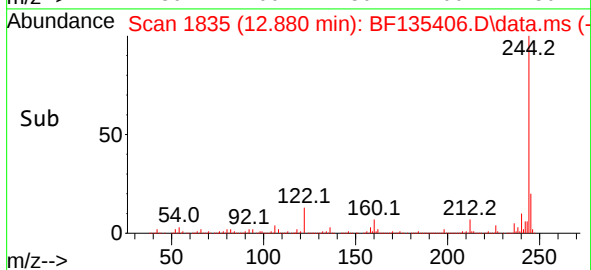
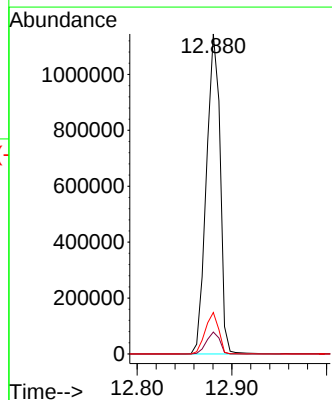
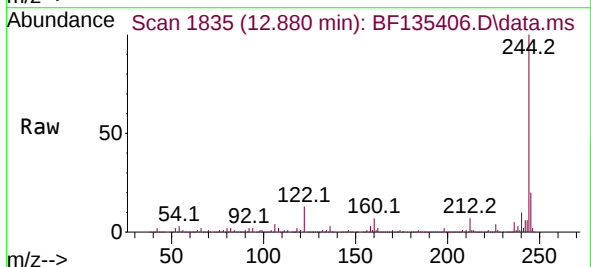
Instrument :
BNA_F
ClientSampleId :
B102-05

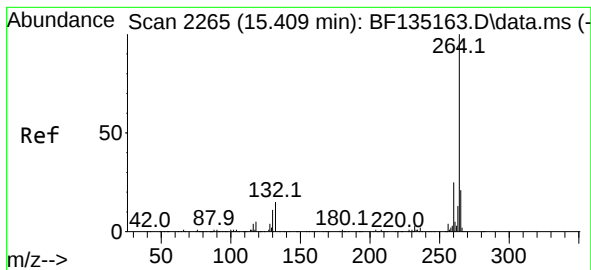
Tgt Ion:184 Resp: 15186
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 4.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 69.024 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BF135406.D
Acq: 22 Sep 2023 18:37

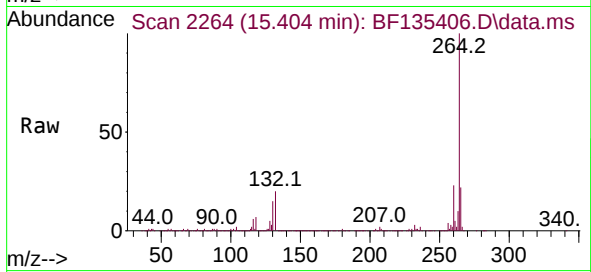
Tgt Ion:244 Resp: 1147573
Ion Ratio Lower Upper
244 100
212 6.9 5.1 7.7
122 12.9 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135406.D
 Acq: 22 Sep 2023 18:37

Instrument :
 BNA_F
 ClientSampleId :
 B102-05



Tgt Ion:264 Resp: 335102

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.8	29.6
265	21.7	17.0	25.4

