

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135403.D
 Acq On : 22 Sep 2023 17:02
 Operator : CG\JU
 Sample : 04491-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-9-15

Quant Time: Sep 23 04:55:35 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)

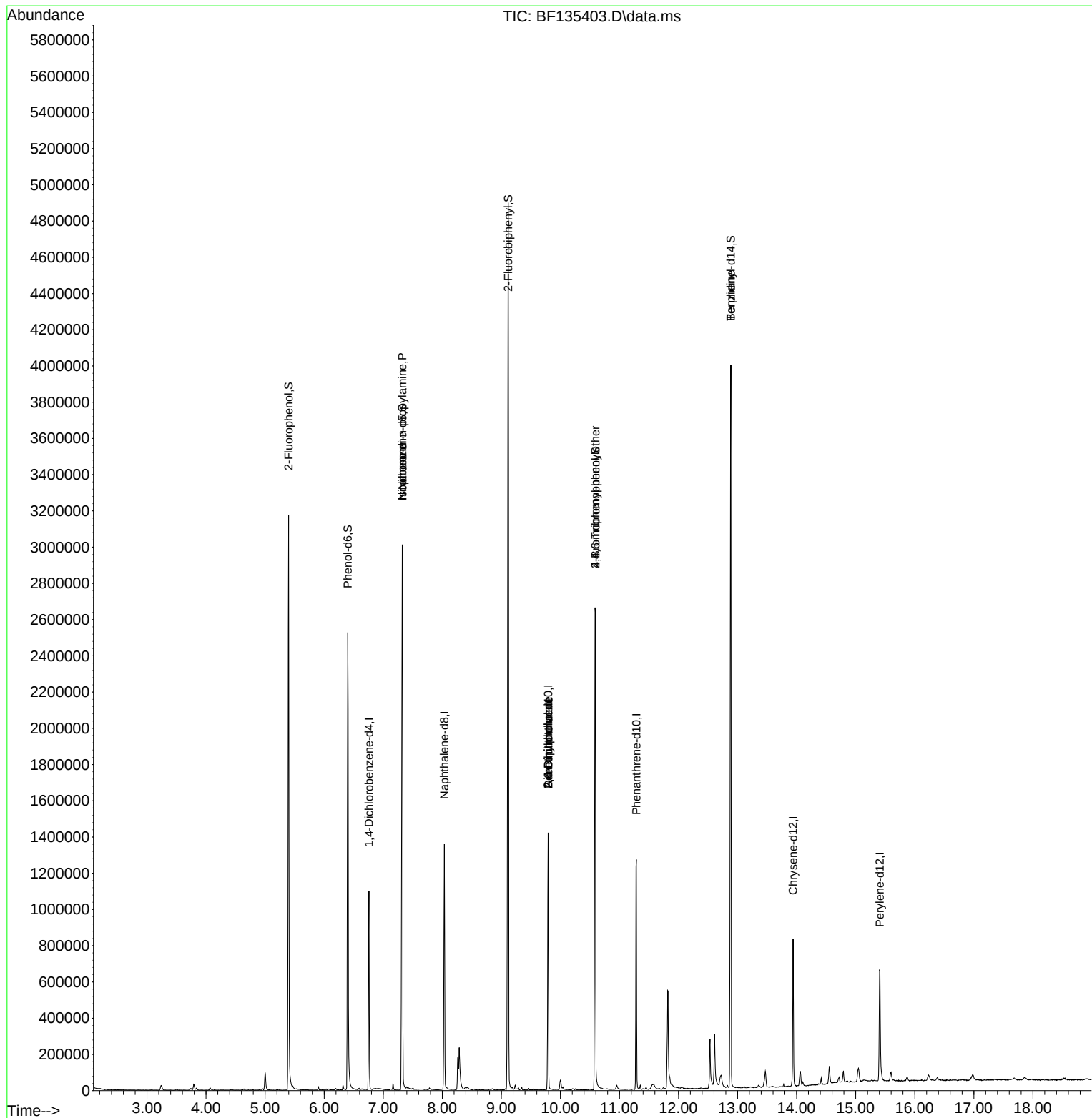
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	153825	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	588729	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	281893	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	493707	20.000	ng	0.00
76) Chrysene-d12	13.939	240	255915	20.000	ng	0.00
86) Perylene-d12	15.410	264	322357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	880397	93.088	ng	0.01
7) Phenol-d6	6.399	99	902996	75.087	ng	0.00
23) Nitrobenzene-d5	7.322	82	1202672	110.986	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	375451	134.026	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1909764	102.213	ng	-0.01
79) Terphenyl-d14	12.886	244	1573780	95.331	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	161940	21.740	ng	# 81
25) Isophorone	7.322	82	1201078	60.361	ng	# 65
50) Dimethylphthalate	9.792	163	56543	2.967	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	36321	8.699	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	36321	6.949	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	24081	4.904	ng	# 1
77) Benzidine	12.886	184	19785	3.774	ng	# 91

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

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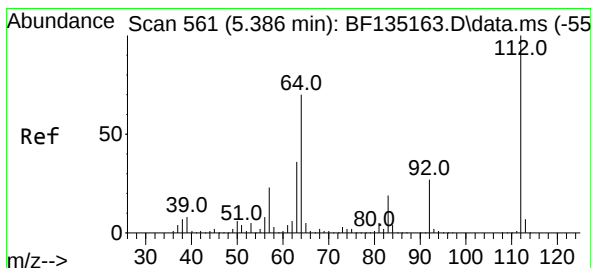
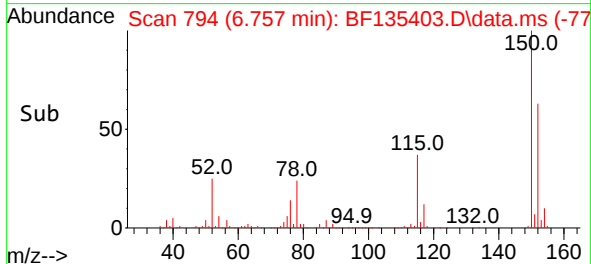
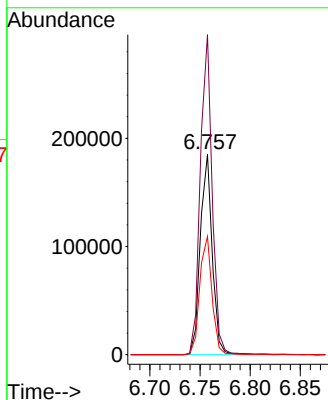
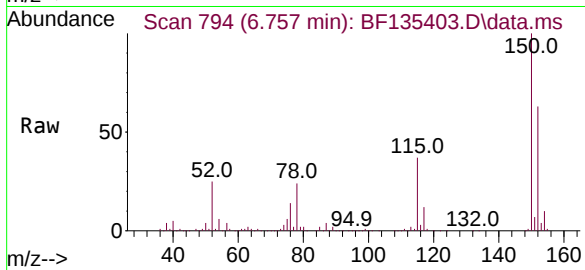




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.757 min Scan# 795
 Delta R.T. -0.006 min
 Lab File: BF135403.D
 Acq: 22 Sep 2023 17:02

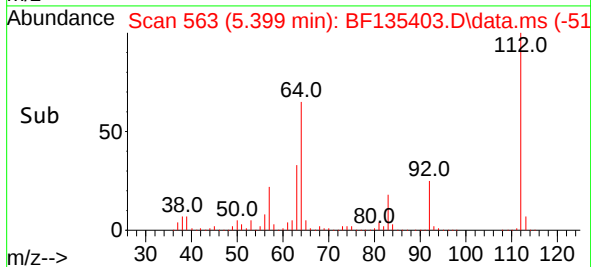
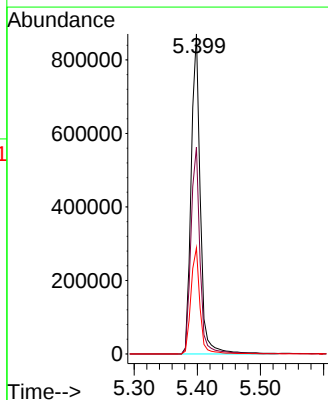
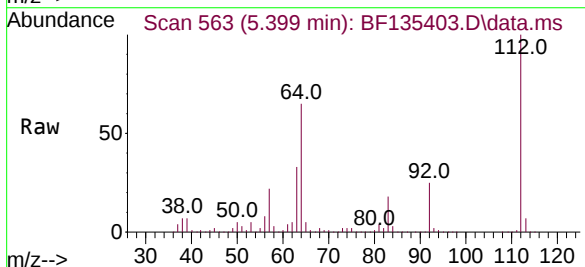
Instrument :
 BNA_F
 ClientSampleId :
 FB-9-15

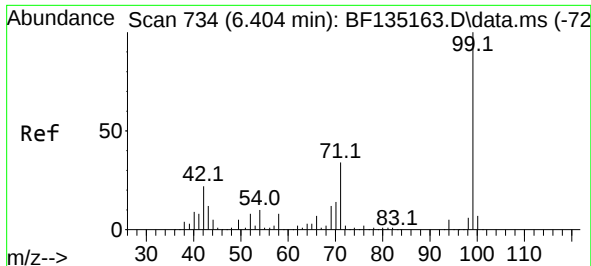
Tgt Ion:152 Resp: 153825
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.8 191.6
 115 59.0 49.8 74.8



#5
 2-Fluorophenol
 Concen: 93.088 ng
 RT: 5.399 min Scan# 563
 Delta R.T. 0.012 min
 Lab File: BF135403.D
 Acq: 22 Sep 2023 17:02

Tgt Ion:112 Resp: 880397
 Ion Ratio Lower Upper
 112 100
 64 64.6 55.9 83.9
 63 33.2 29.0 43.6

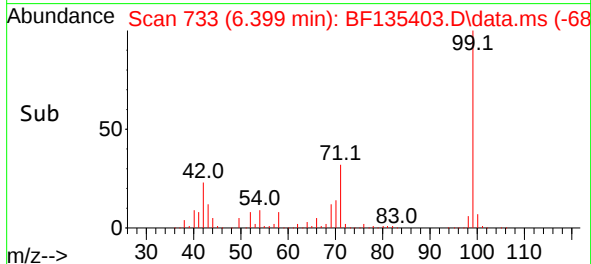
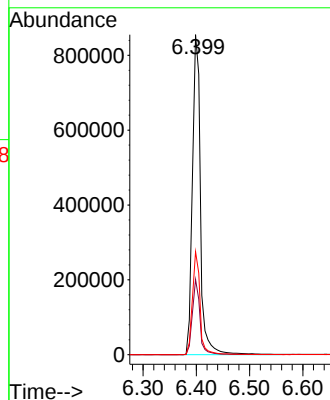
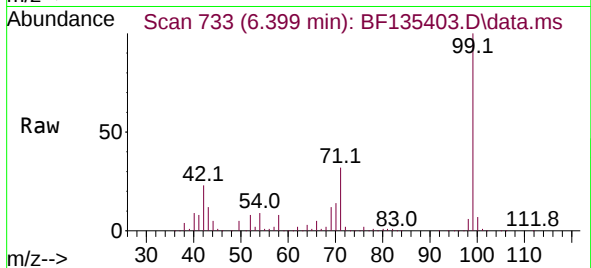




#7
Phenol-d6
Concen: 75.087 ng
RT: 6.399 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

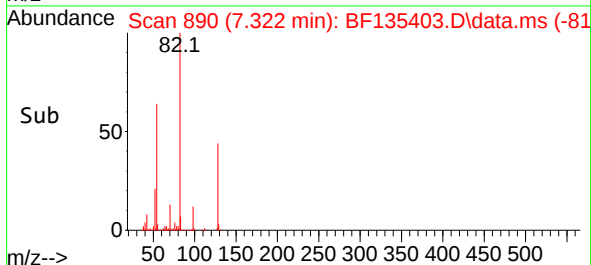
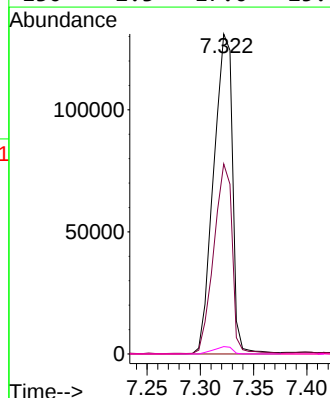
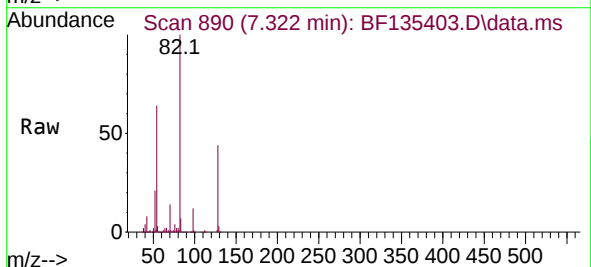
Instrument :
BNA_F
ClientSampleId :
FB-9-15

Tgt Ion: 99 Resp: 902996
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 32.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 21.740 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion: 70 Resp: 161940
Ion Ratio Lower Upper
70 100
42 59.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

Instrument :

BNA_F

ClientSampleId :

FB-9-15

Tgt Ion:136 Resp: 588729

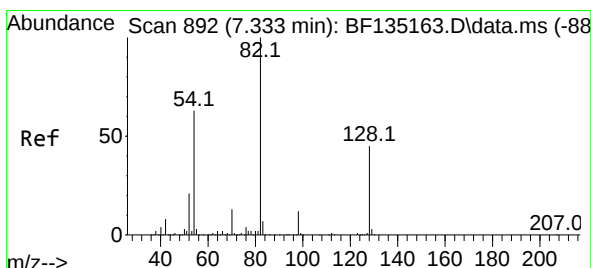
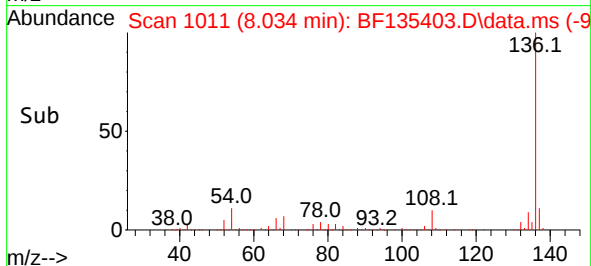
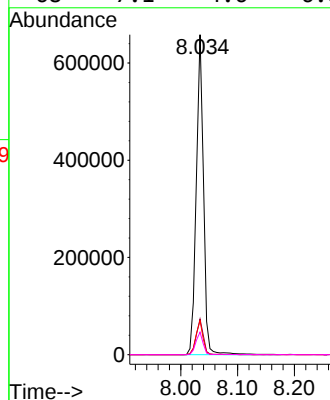
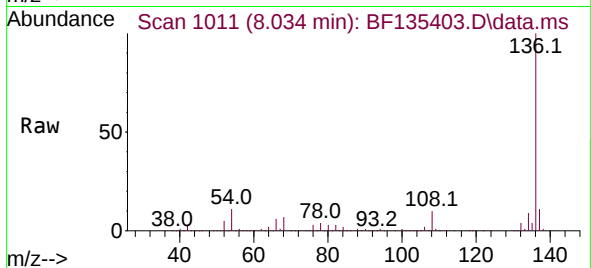
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.6 7.7 11.5

68 7.1 4.6 6.8#



#23

Nitrobenzene-d5

Concen: 110.986 ng

RT: 7.322 min Scan# 890

Delta R.T. -0.011 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

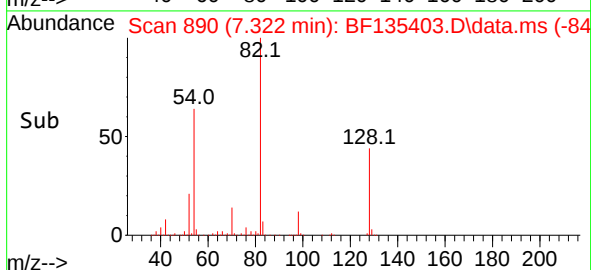
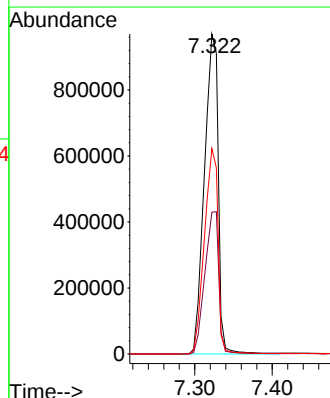
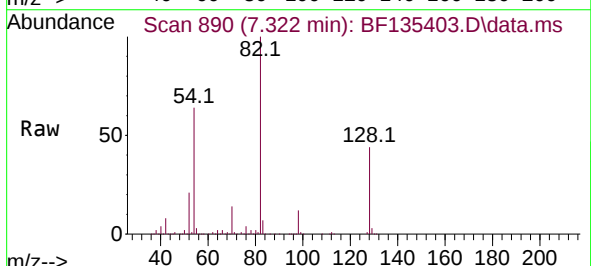
Tgt Ion: 82 Resp: 1202672

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.6

54 64.2 50.6 76.0

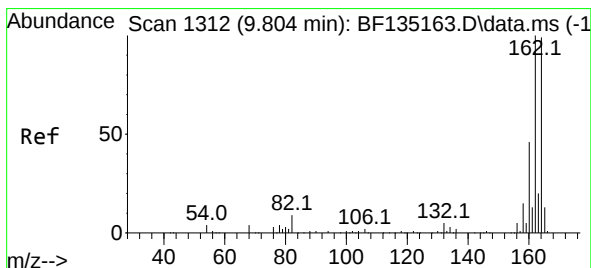
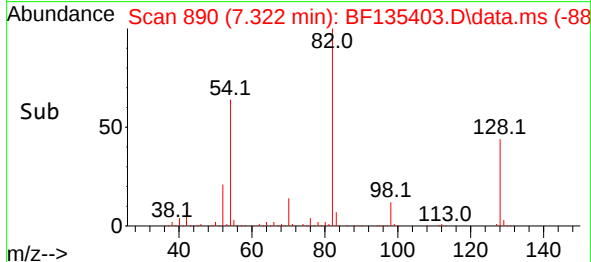
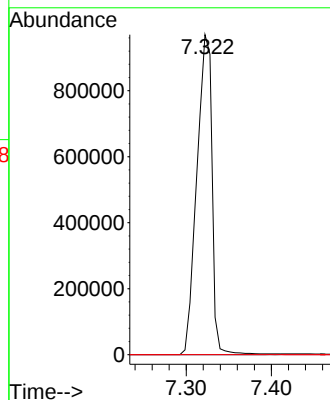
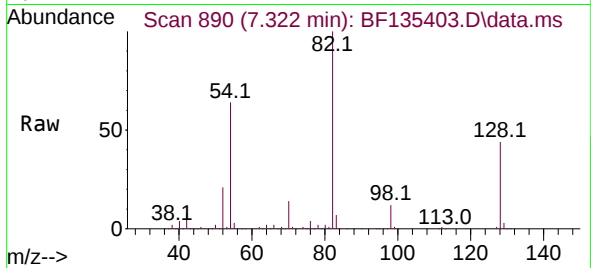




#25
Isophorone
Concen: 60.361 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

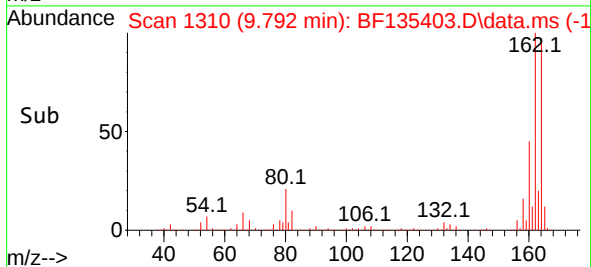
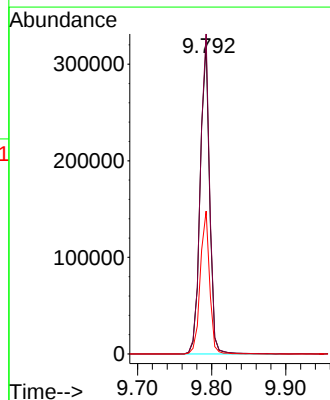
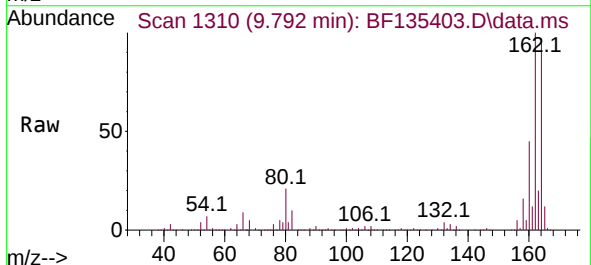
Instrument :
BNA_F
ClientSampleId :
FB-9-15

Tgt Ion: 82 Resp: 1201078
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: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion: 164 Resp: 281893
Ion Ratio Lower Upper
164 100
162 103.6 81.0 121.4
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 134.026 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

Instrument :

BNA_F

ClientSampleId :

FB-9-15

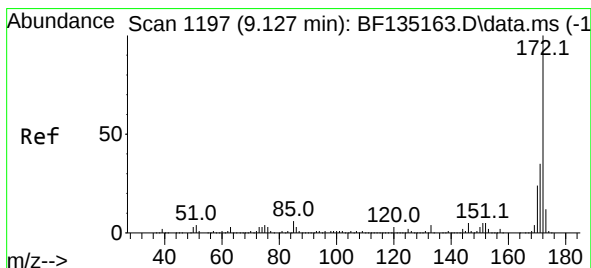
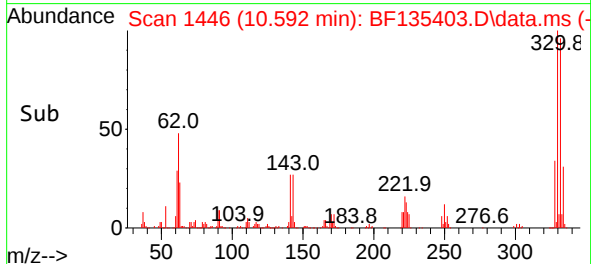
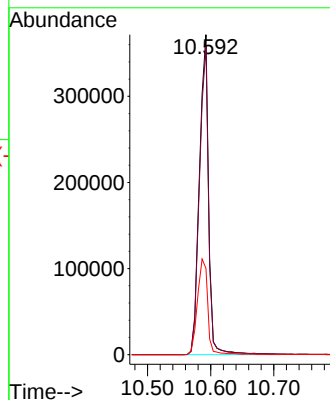
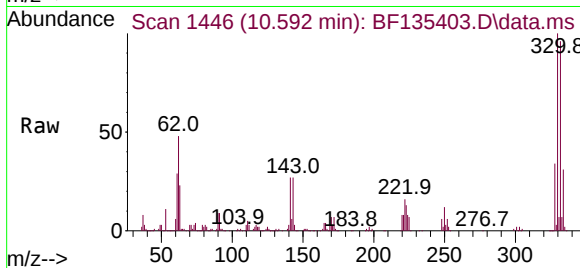
Tgt Ion:330 Resp: 375451

Ion Ratio Lower Upper

330 100

332 96.1 77.3 115.9

141 33.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 102.213 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.011 min

Lab File: BF135403.D

Acq: 22 Sep 2023 17:02

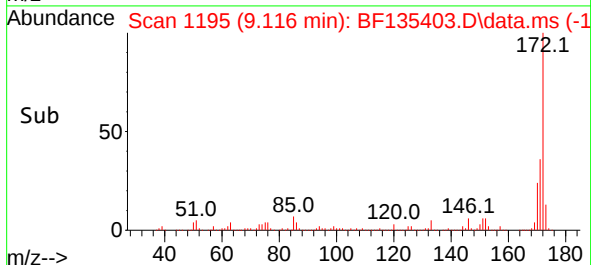
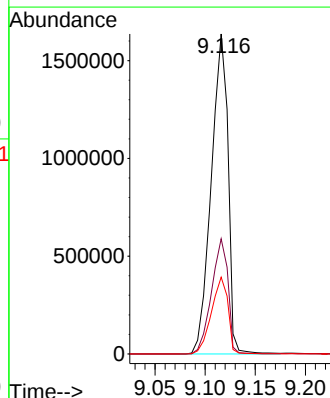
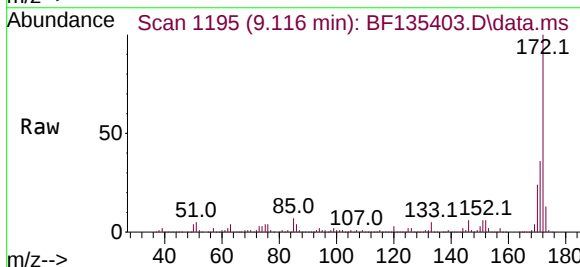
Tgt Ion:172 Resp: 1909764

Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 24.0 19.0 28.4

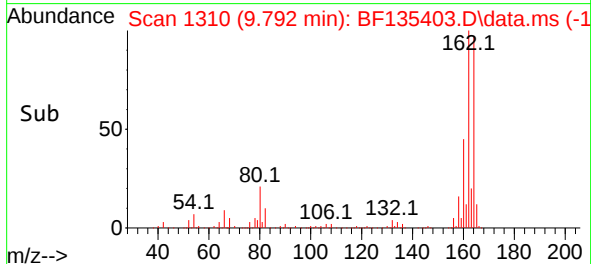
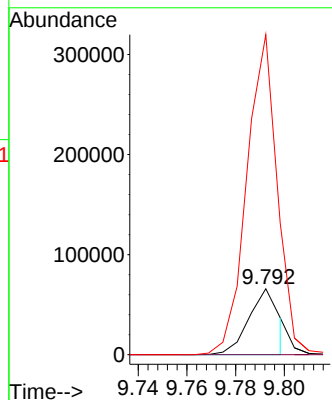
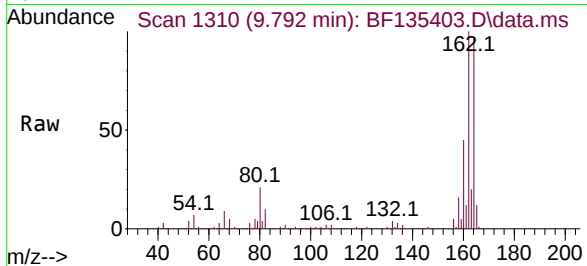




#50
Dimethylphthalate
Concen: 2.967 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

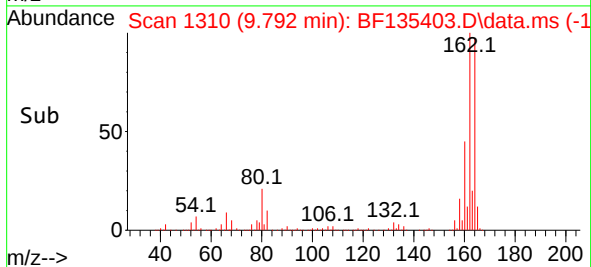
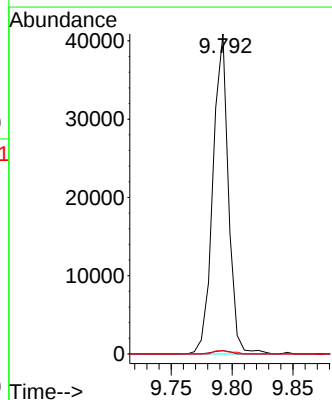
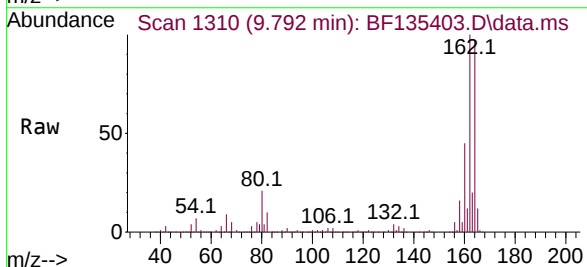
Instrument :
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FB-9-15

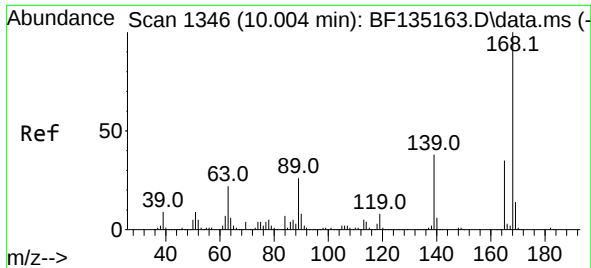
Tgt Ion:163 Resp: 56543
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 485.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.699 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion:165 Resp: 36321
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.0 49.8 74.8#

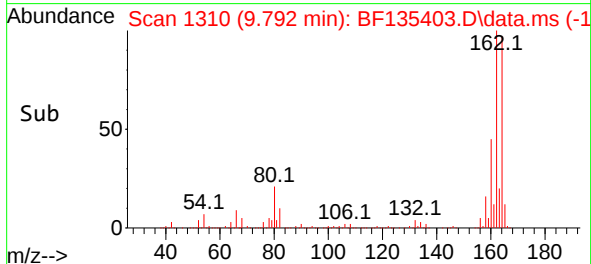
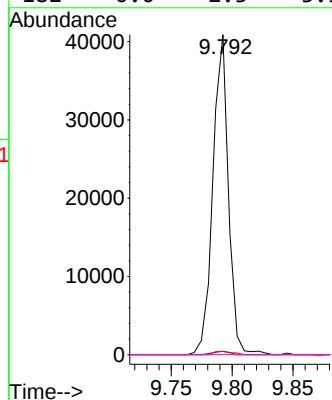
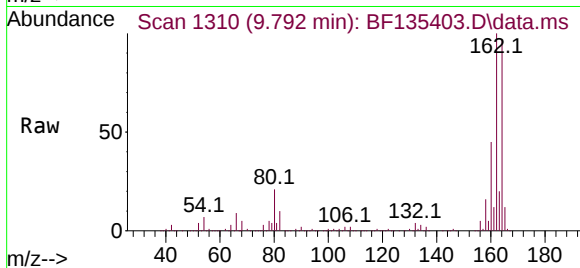




#57
2,4-Dinitrotoluene
Concen: 6.949 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

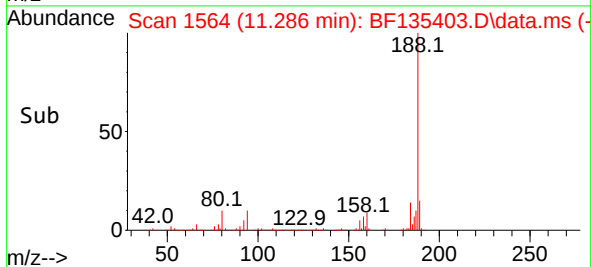
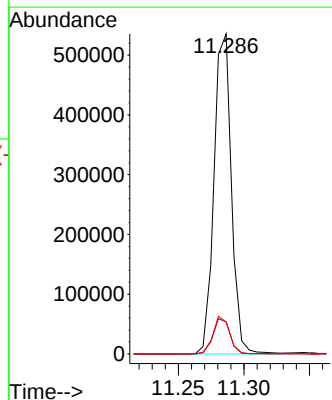
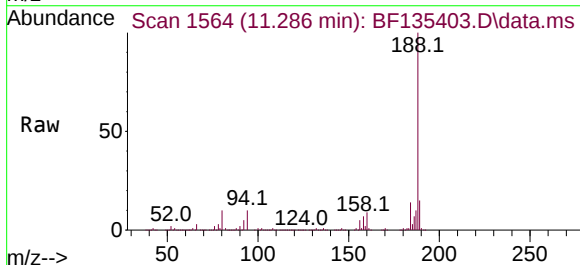
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BNA_F
ClientSampleId :
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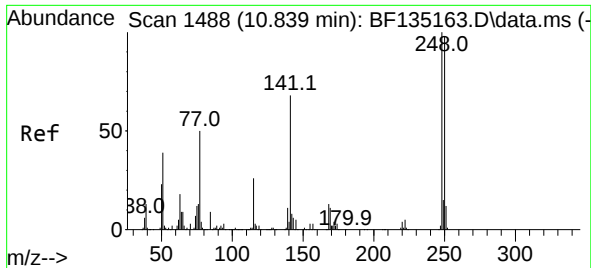
Tgt Ion:165 Resp: 36321
Ion Ratio Lower Upper
165 100
63 1.0 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion:188 Resp: 493707
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.6
80 10.0 7.5 11.3

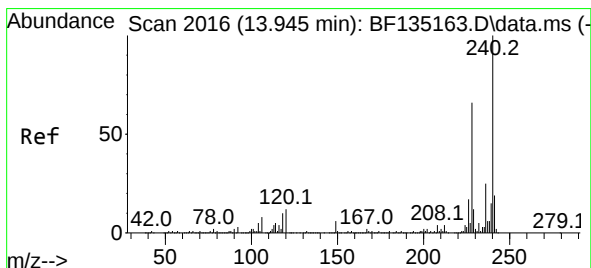
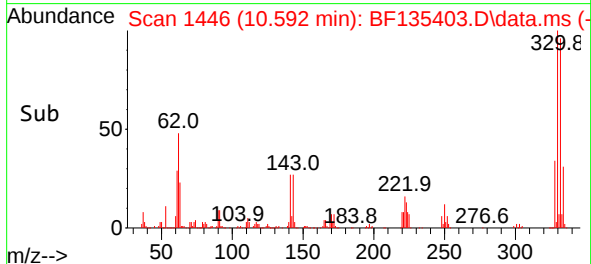
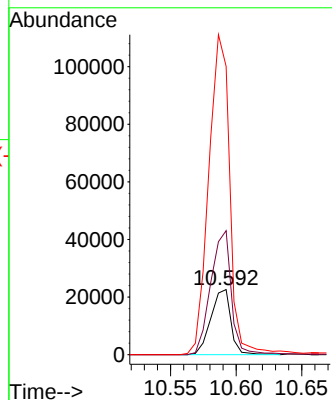
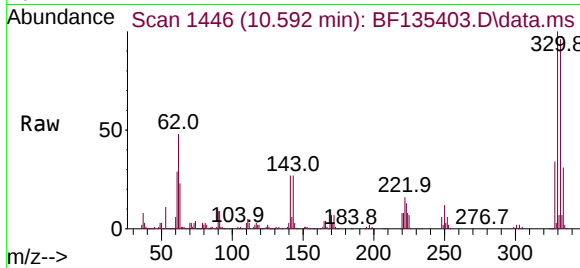




#67
4-Bromophenyl-phenylether
Concen: 4.904 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

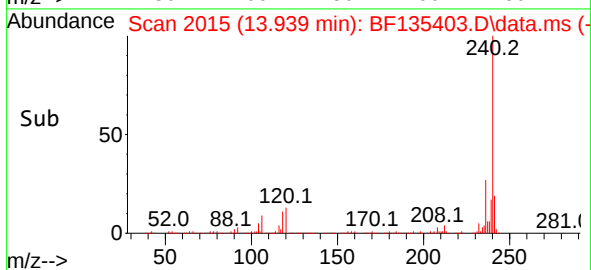
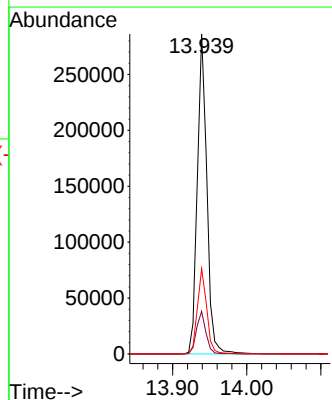
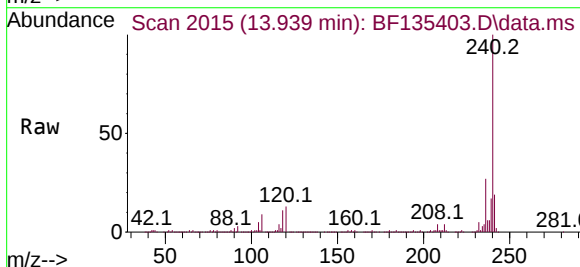
Instrument :
BNA_F
ClientSampleId :
FB-9-15

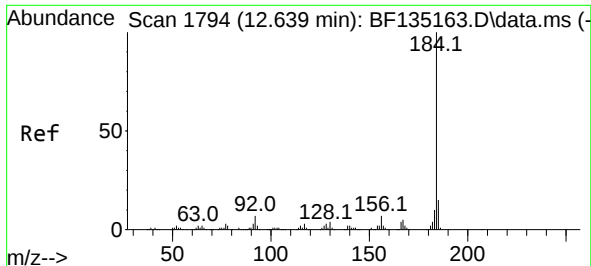
Tgt Ion:248 Resp: 24081
Ion Ratio Lower Upper
248 100
250 190.5 78.6 117.8#
141 443.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion:240 Resp: 255915
Ion Ratio Lower Upper
240 100
120 13.3 9.4 14.2
236 26.6 19.8 29.8

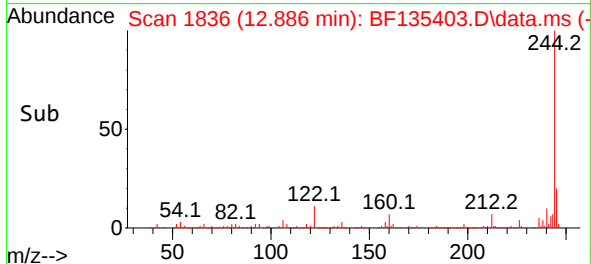
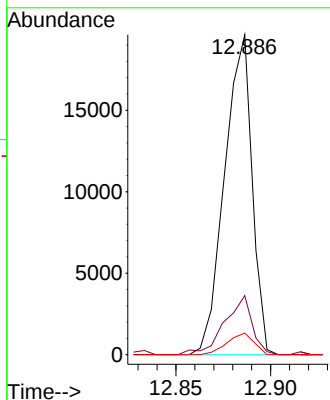
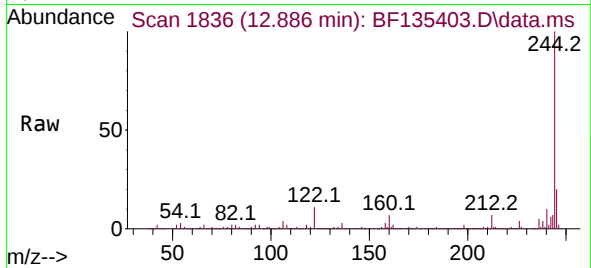




#77
Benzidine
Concen: 3.774 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

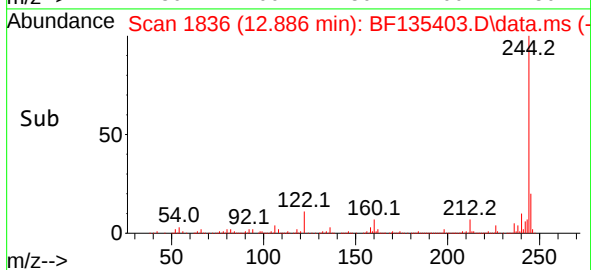
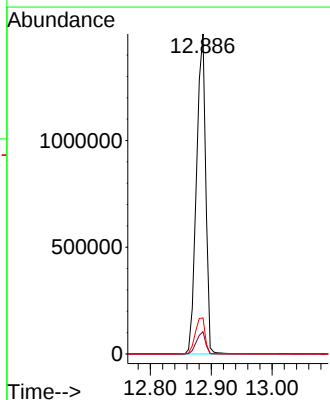
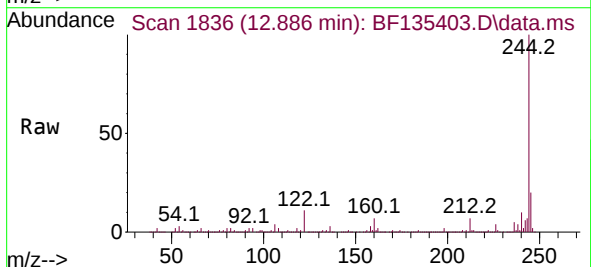
Instrument :
BNA_F
ClientSampleId :
FB-9-15

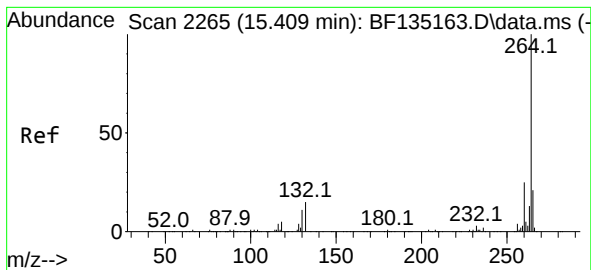
Tgt Ion:184 Resp: 19785
Ion Ratio Lower Upper
184 100
185 18.5 11.7 17.5#
183 6.8 8.2 12.4#



#79
Terphenyl-d14
Concen: 95.331 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135403.D
Acq: 22 Sep 2023 17:02

Tgt Ion:244 Resp: 1573780
Ion Ratio Lower Upper
244 100
212 7.0 5.1 7.7
122 11.3 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: BF135403.D

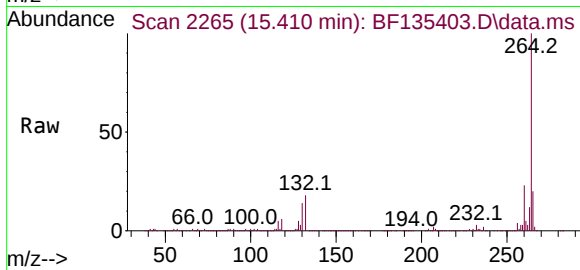
Acq: 22 Sep 2023 17:02

Instrument :

BNA_F

ClientSampleId :

FB-9-15



Tgt Ion:264 Resp: 322357

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.6

265 20.3 17.0 25.4

