

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092223\
 Data File : BF135402.D
 Acq On : 22 Sep 2023 16:26
 Operator : CG\JU
 Sample : PB155707BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155707BL

Quant Time: Sep 23 04:55:15 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

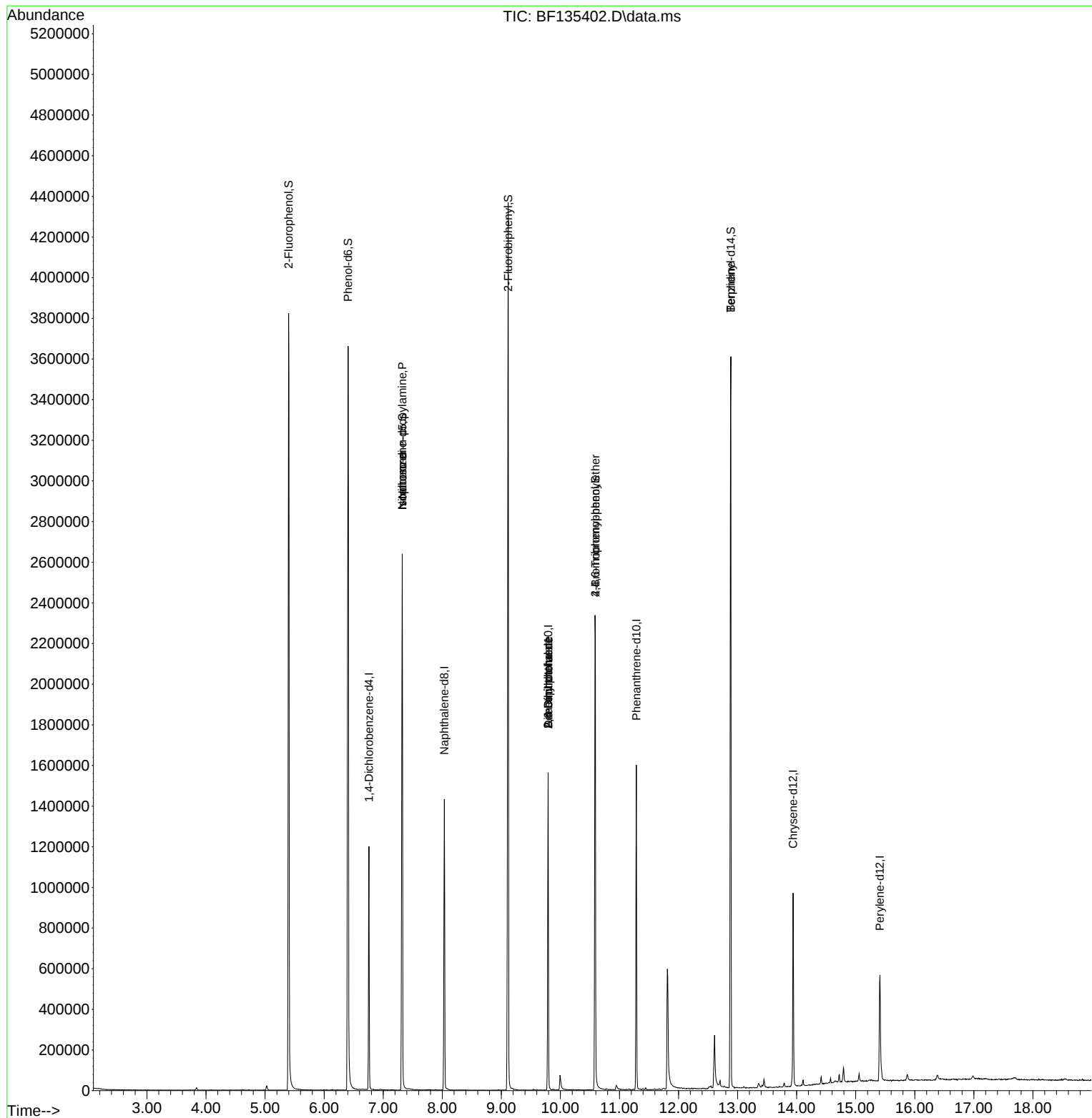
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	167576	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	641154	20.000	ng	#-0.01
39) Acenaphthene-d10	9.792	164	315563	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	573569	20.000	ng	0.00
76) Chrysene-d12	13.939	240	315200	20.000	ng	0.00
86) Perylene-d12	15.410	264	279546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1173290	113.876	ng	0.01
7) Phenol-d6	6.404	99	1482186	113.134	ng	0.00
23) Nitrobenzene-d5	7.322	82	943465	79.946	ng	-0.01
42) 2,4,6-Tribromophenol	10.592	330	312963	99.799	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1550867	74.148	ng	-0.01
79) Terphenyl-d14	12.886	244	1412814	69.484	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	123694	15.243	ng	# 81
25) Isophorone	7.322	82	942343	43.486	ng	# 65
50) Dimethylphthalate	9.792	163	61257	2.871	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	39808	8.517	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	39808	6.803	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	19105	3.349	ng	# 1
77) Benzidine	12.886	184	17882	2.769	ng	# 93

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

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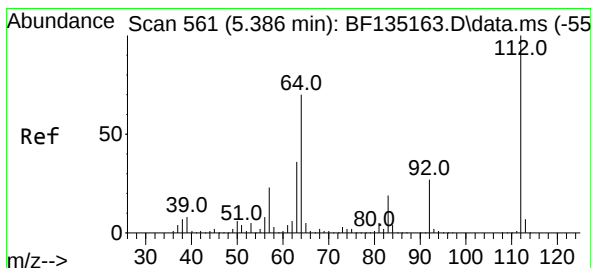
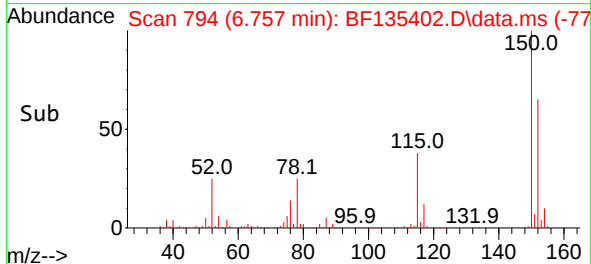
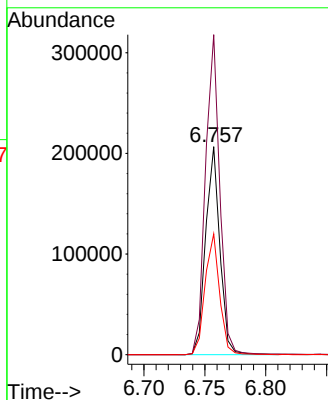
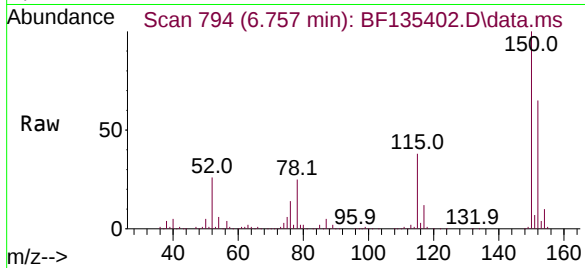




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

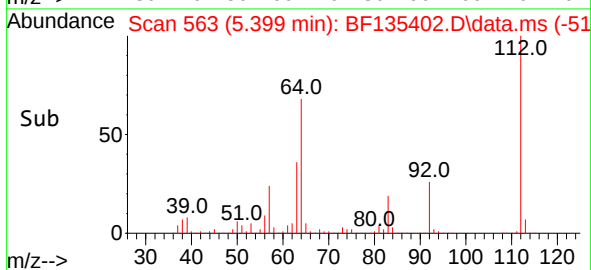
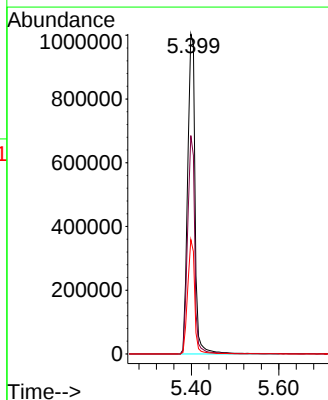
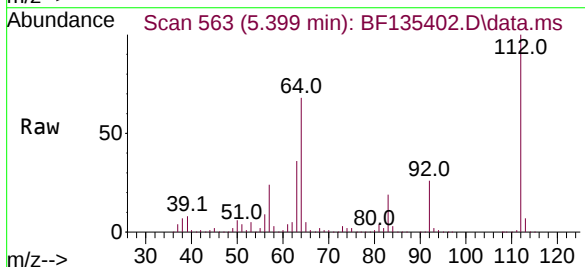
Instrument :
BNA_F
ClientSampleId :
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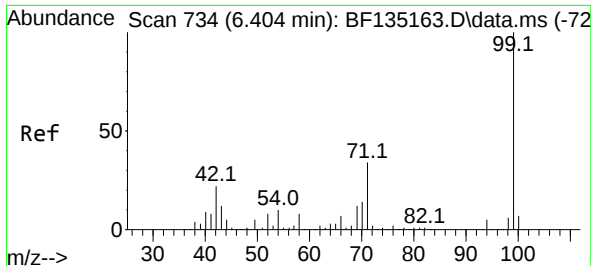
Tgt Ion:152 Resp: 167576
Ion Ratio Lower Upper
152 100
150 153.9 127.8 191.6
115 58.1 49.8 74.8



#5
2-Fluorophenol
Concen: 113.876 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion:112 Resp: 1173290
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 35.8 29.0 43.6

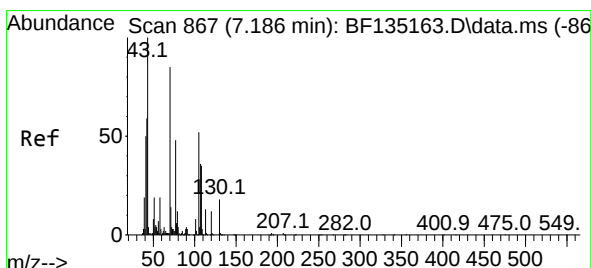
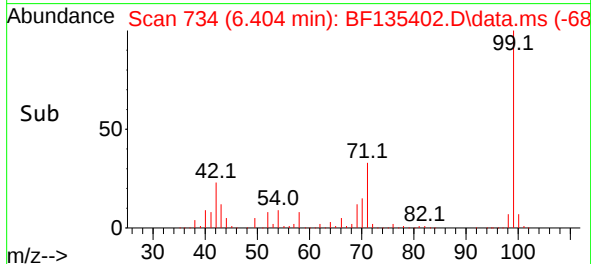
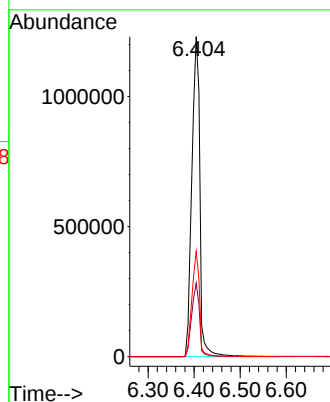
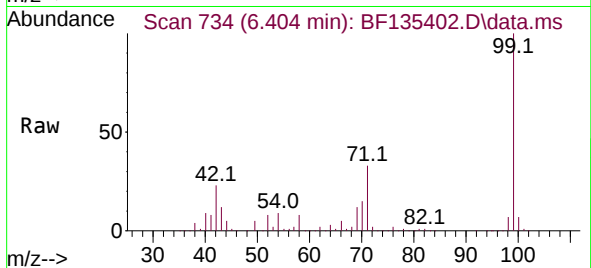




#7
Phenol-d6
Concen: 113.134 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

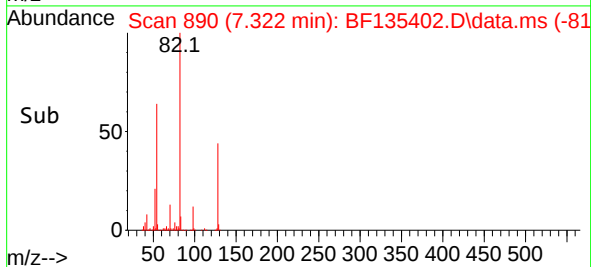
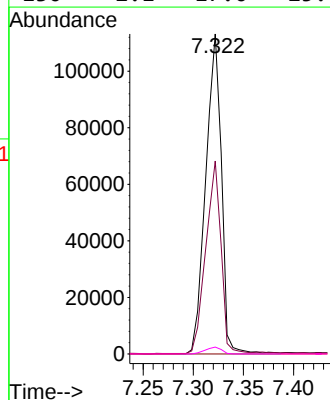
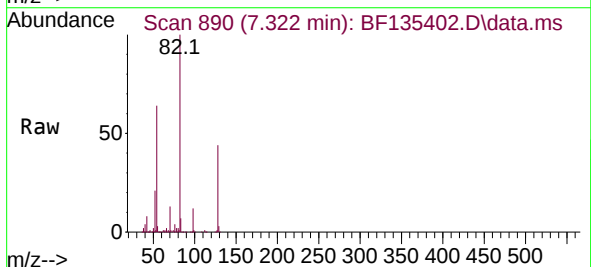
Instrument :
BNA_F
ClientSampleId :
PB155707BL

Tgt Ion: 99 Resp: 1482186
Ion Ratio Lower Upper
99 100
42 23.0 17.9 26.9
71 32.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.243 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.136 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

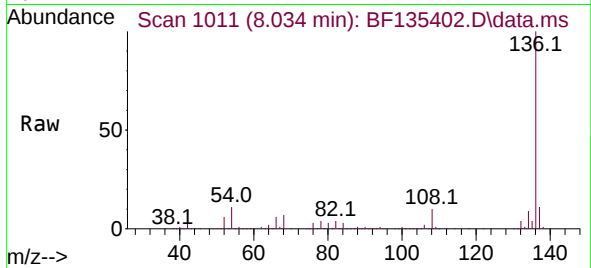
Tgt Ion: 70 Resp: 123694
Ion Ratio Lower Upper
70 100
42 60.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.1 17.0 25.6#



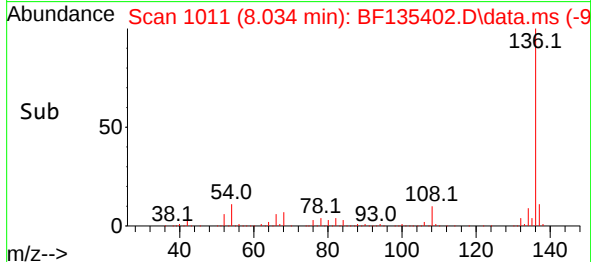
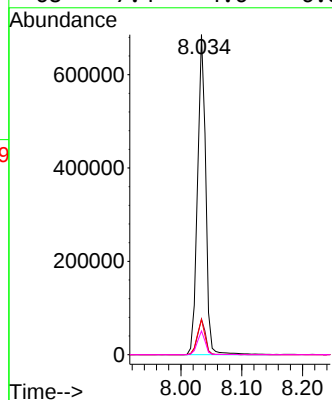


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.011 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Instrument :
BNA_F
ClientSampleId :
PB155707BL

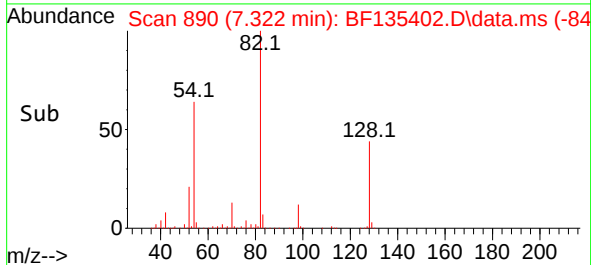
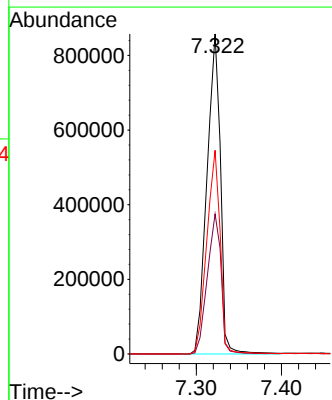
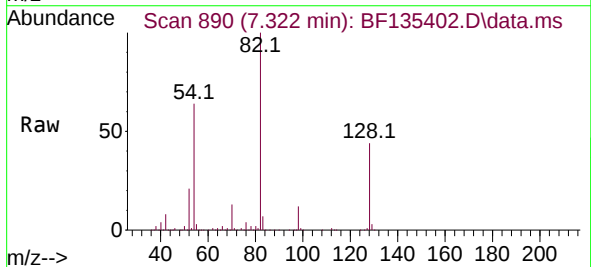


Tgt Ion:136 Resp: 641154
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 11.0 7.7 11.5
68 7.4 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 79.946 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion: 82 Resp: 943465
Ion Ratio Lower Upper
82 100
128 43.7 35.8 53.6
54 63.7 50.6 76.0

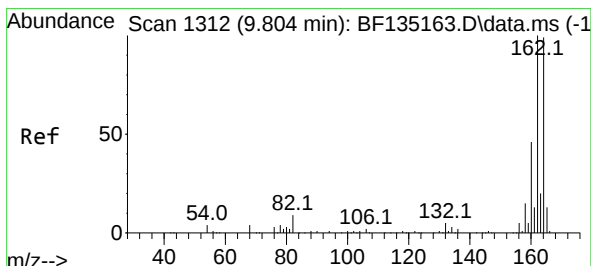
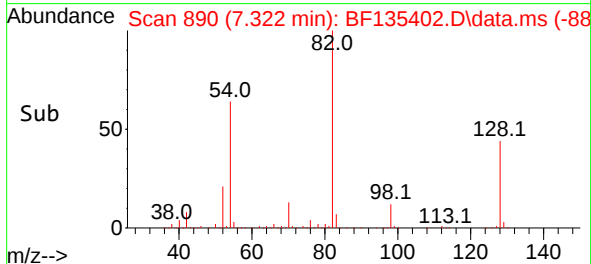
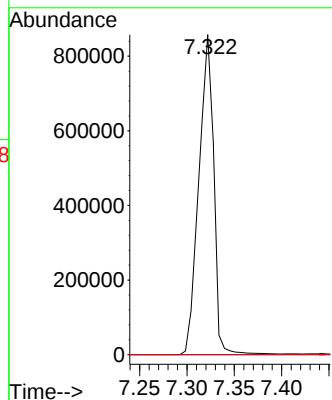
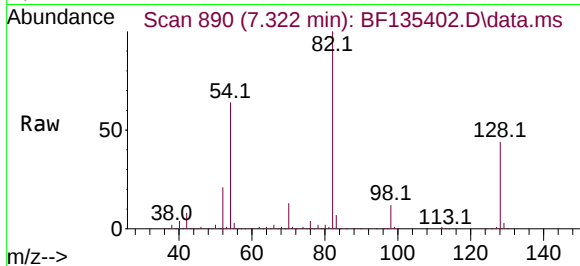




#25
Isophorone
Concen: 43.486 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

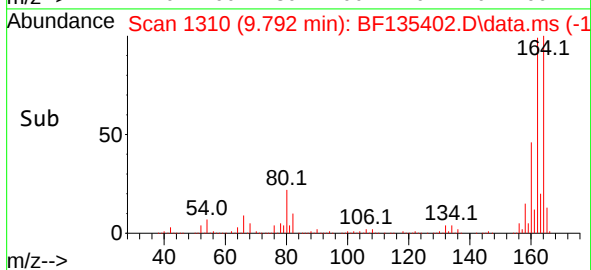
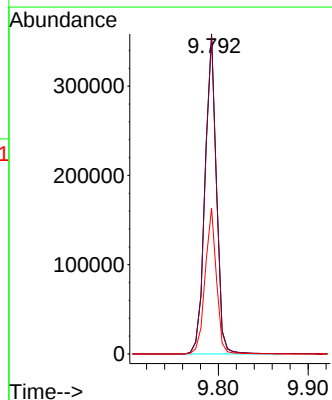
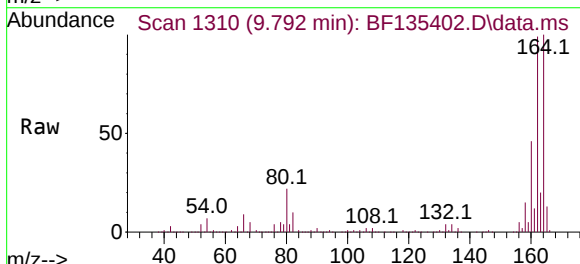
Instrument :
BNA_F
ClientSampleId :
PB155707BL

Tgt Ion: 82 Resp: 942343
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: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion: 164 Resp: 315563
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 45.6 37.0 55.4

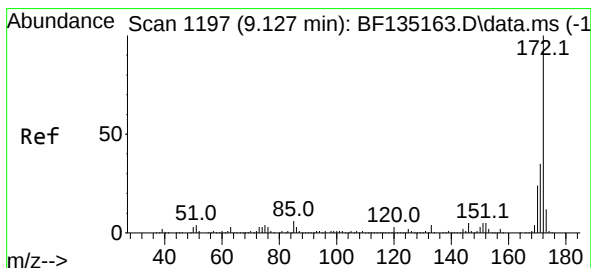
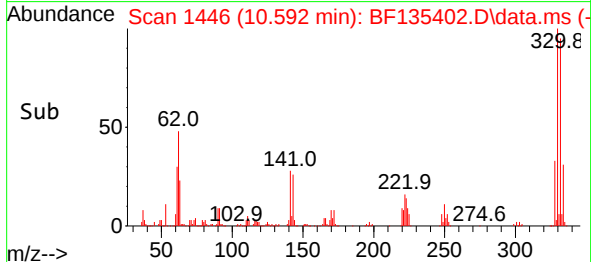
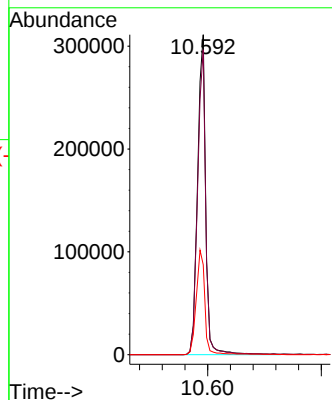
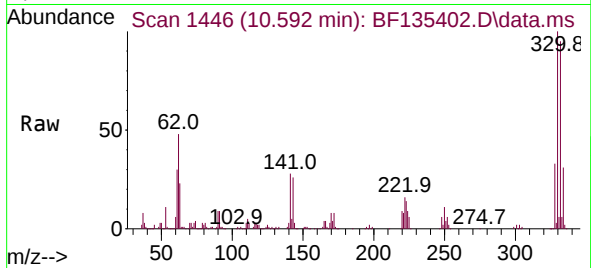




#42
2,4,6-Tribromophenol
Concen: 99.799 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

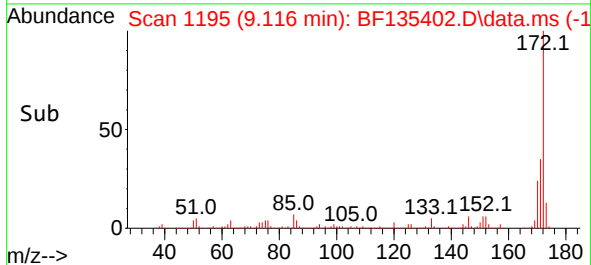
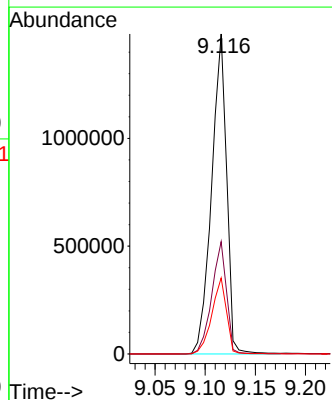
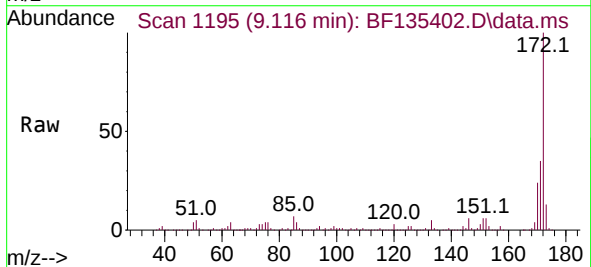
Instrument :
BNA_F
ClientSampleId :
PB155707BL

Tgt Ion:330 Resp: 312963
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 74.148 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion:172 Resp: 1550867
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.8 19.0 28.4

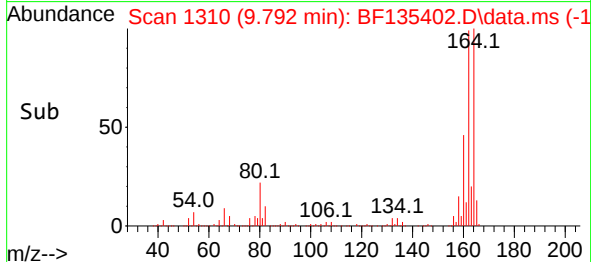
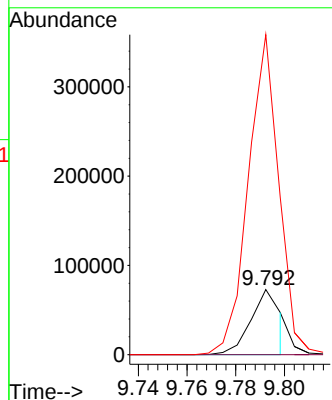
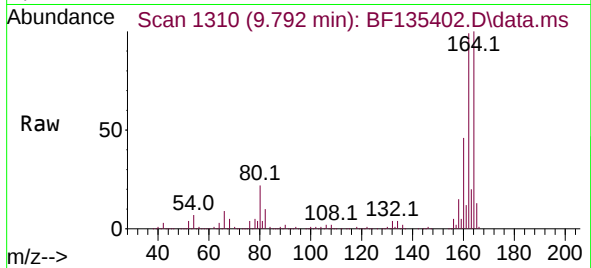




#50
Dimethylphthalate
Concen: 2.871 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

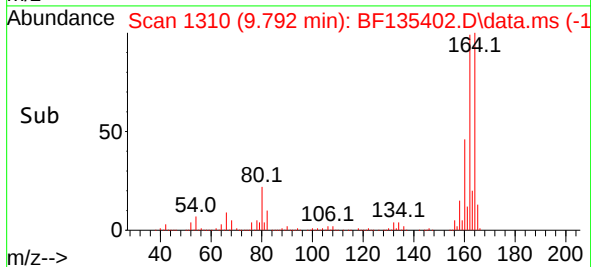
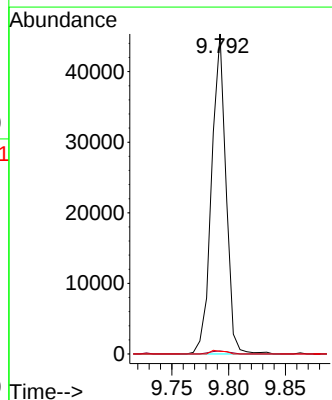
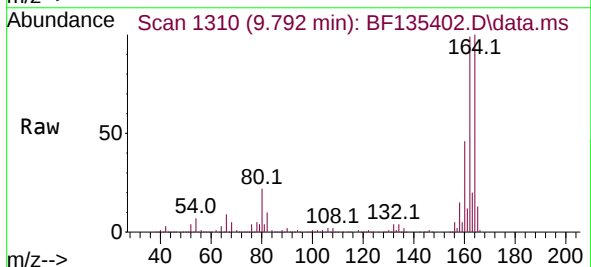
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ClientSampleId :
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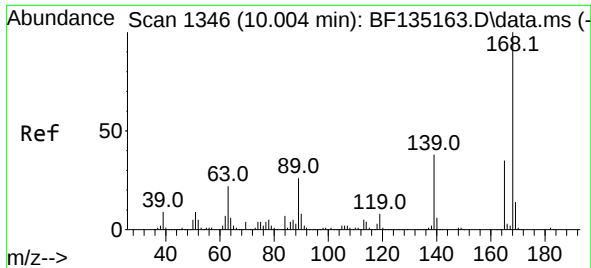
Tgt Ion:163 Resp: 61257
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 491.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.517 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion:165 Resp: 39808
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 0.8 49.8 74.8#

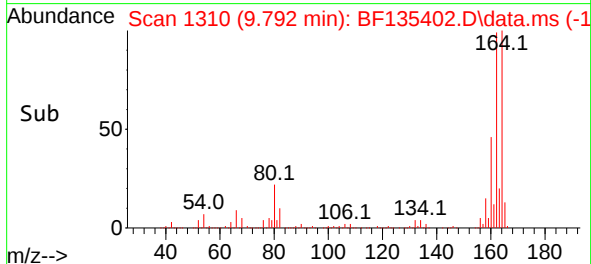
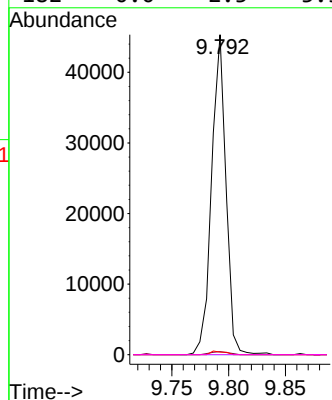
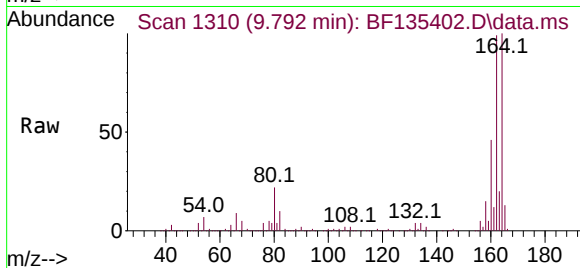




#57
2,4-Dinitrotoluene
Concen: 6.803 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.211 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

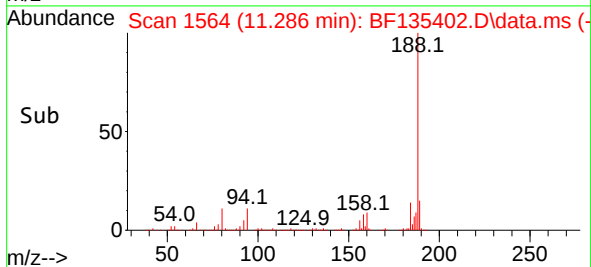
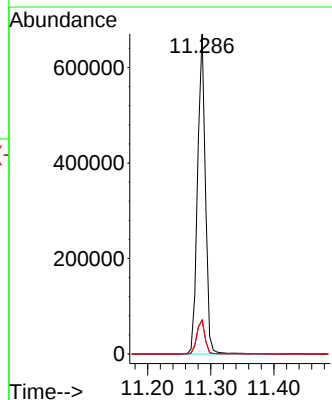
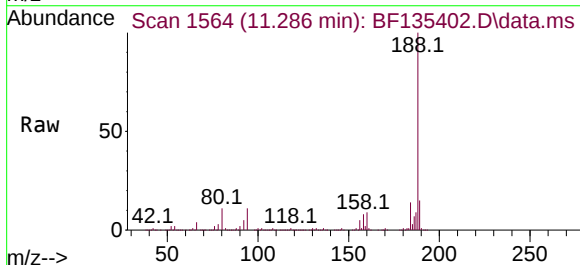
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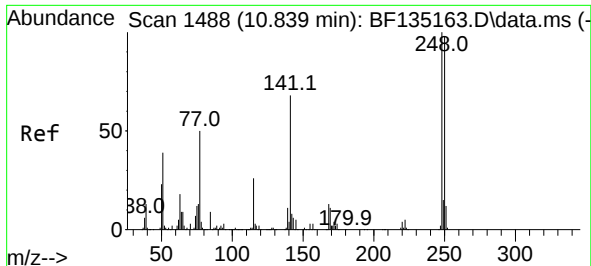
Tgt Ion:165	Resp:	39808
Ion	Ratio	Lower Upper
165	100	
63	1.0	50.1 75.1#
89	0.8	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion:188	Resp:	573569
Ion	Ratio	Lower Upper
188	100	
94	10.5	7.0 10.6
80	10.6	7.5 11.3

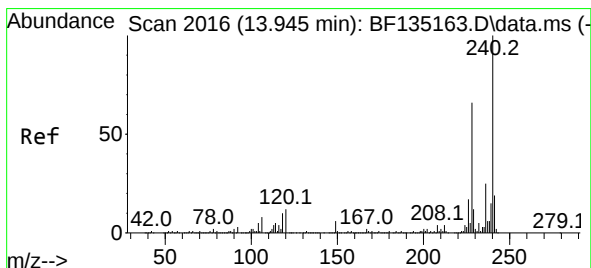
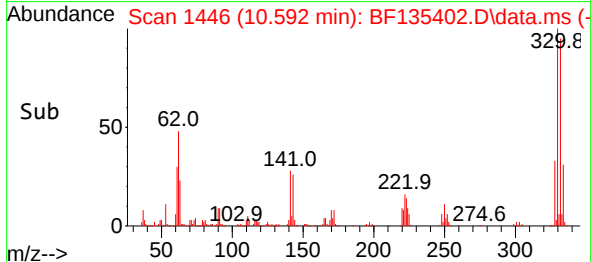
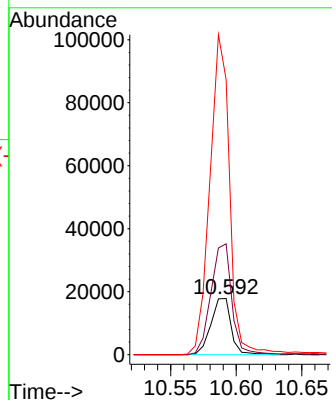
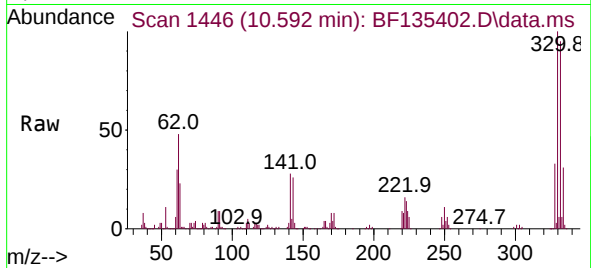




#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

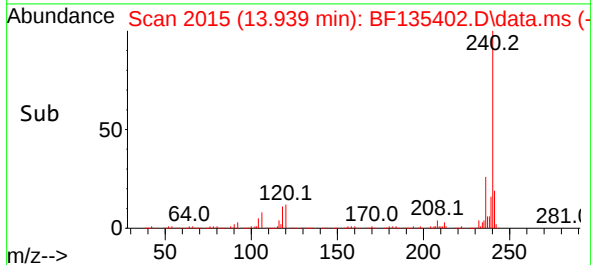
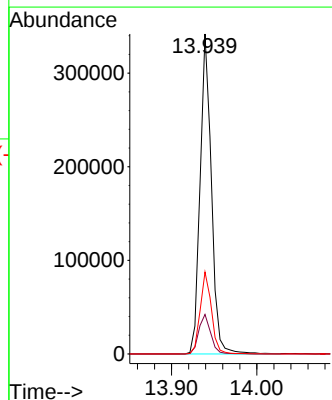
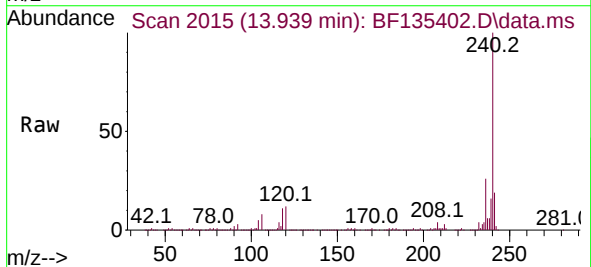
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ClientSampleId :
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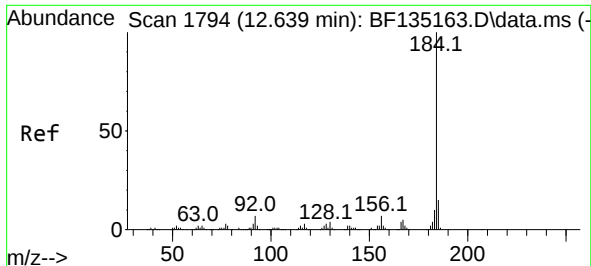
Tgt Ion:248 Resp: 19105
Ion Ratio Lower Upper
248 100
250 197.4 78.6 117.8#
141 490.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion:240 Resp: 315200
Ion Ratio Lower Upper
240 100
120 12.4 9.4 14.2
236 25.6 19.8 29.8

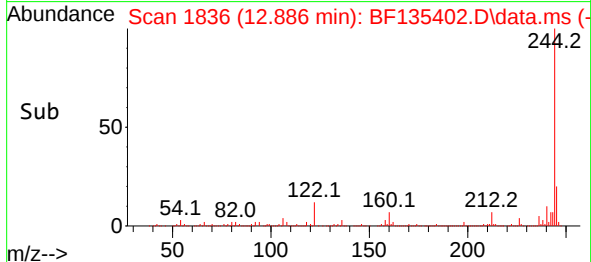
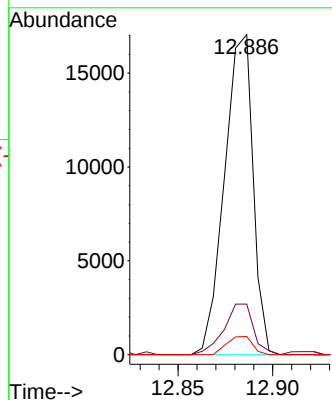
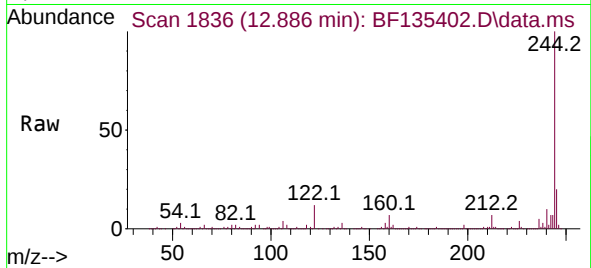




#77
Benzidine
Concen: 2.769 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

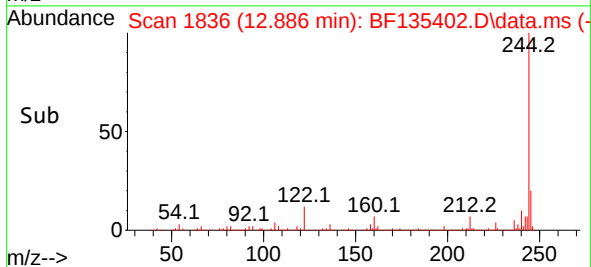
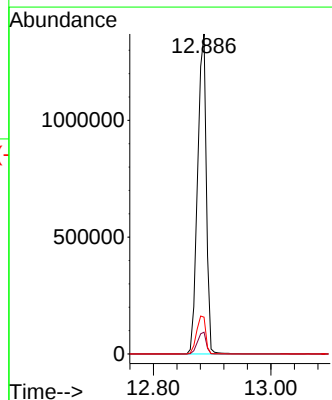
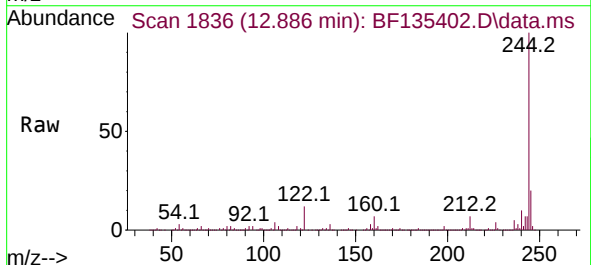
Instrument :
BNA_F
ClientSampleId :
PB155707BL

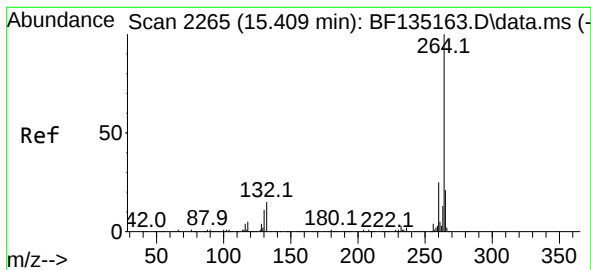
Tgt Ion:184 Resp: 17882
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 5.7 8.2 12.4#



#79
Terphenyl-d14
Concen: 69.484 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135402.D
Acq: 22 Sep 2023 16:26

Tgt Ion:244 Resp: 1412814
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 11.5 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: BF135402.D

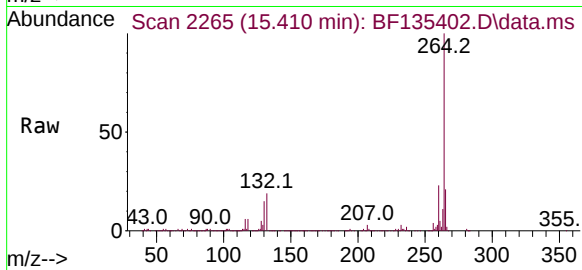
Acq: 22 Sep 2023 16:26

Instrument :

BNA_F

ClientSampleId :

PB155707BL



Tgt Ion:264 Resp: 279546

Ion Ratio Lower Upper

264 100

260 23.2 19.8 29.6

265 21.1 17.0 25.4

