

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
 Data File : BF135493.D
 Acq On : 28 Sep 2023 15:03
 Operator : CG\JU
 Sample : 04620-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-WALL

Quant Time: Sep 29 00:23:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 28 19:03:19 2023
 Response via : Initial Calibration

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

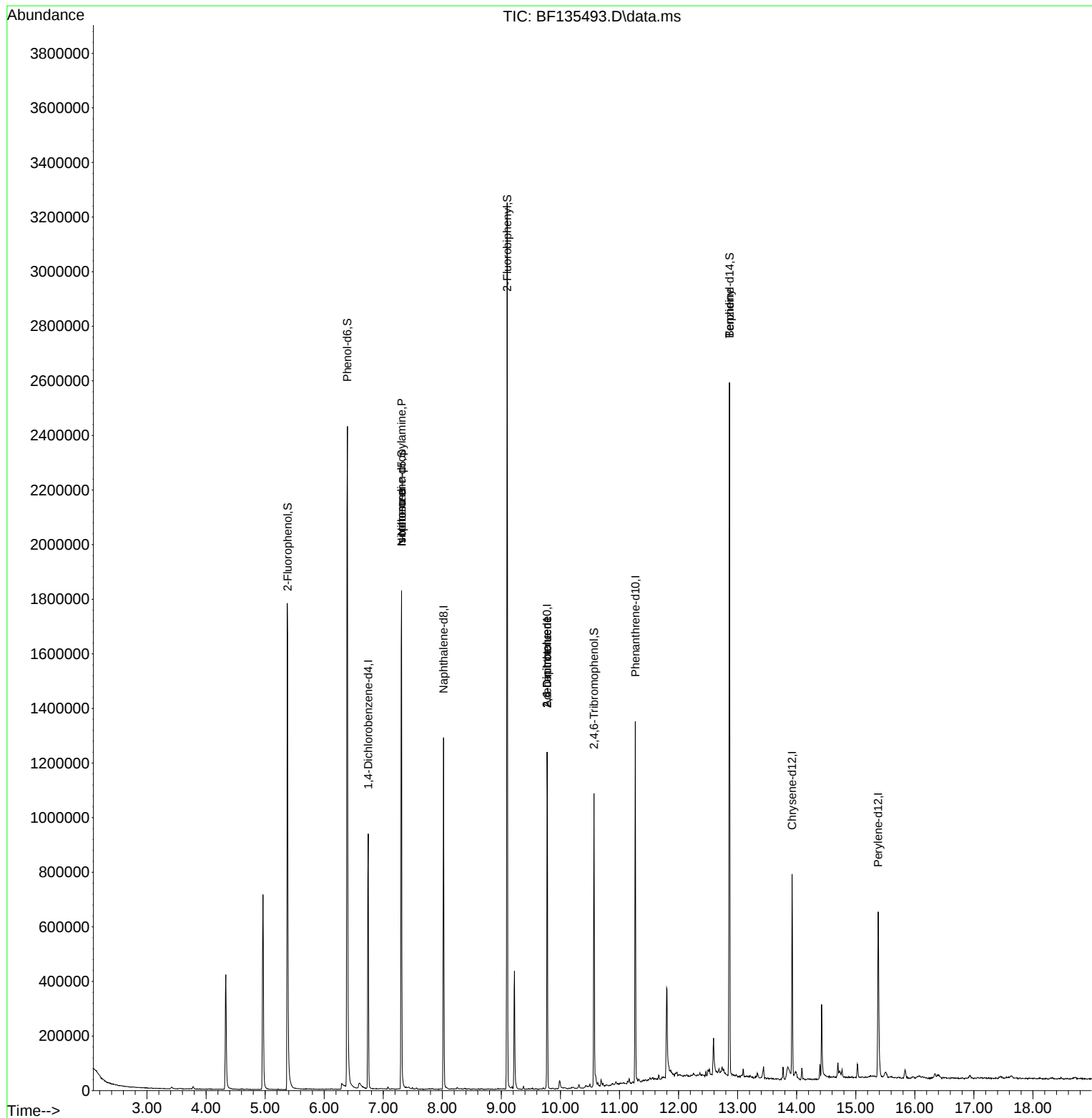
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	132251	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	509272	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	244270	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	439439	20.000	ng	0.00
76) Chrysene-d12	13.921	240	239147	20.000	ng	0.00
86) Perylene-d12	15.380	264	281169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	546998	67.271	ng	0.00
7) Phenol-d6	6.392	99	890054	86.084	ng	0.00
23) Nitrobenzene-d5	7.310	82	569447	60.749	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	109747	45.211	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	977440	60.371	ng	0.00
79) Terphenyl-d14	12.863	244	858596	55.656	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	74390	11.616	ng	# 79
25) Isophorone	7.310	82	569443	33.083	ng	# 65
51) 2,6-Dinitrotoluene	9.774	165	31256	8.639	ng	# 16
57) 2,4-Dinitrotoluene	9.774	165	31256	6.901	ng	# 18
77) Benzidine	12.863	184	10768	2.198	ng	# 93

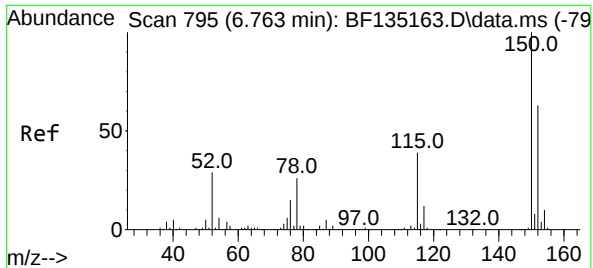
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 28 19:03:19 2023
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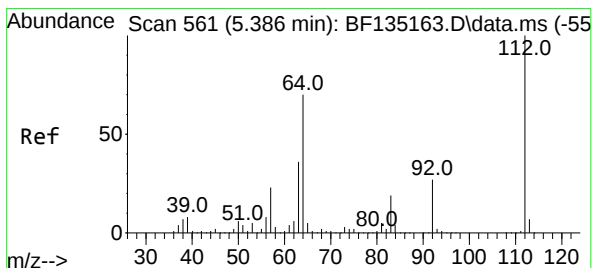
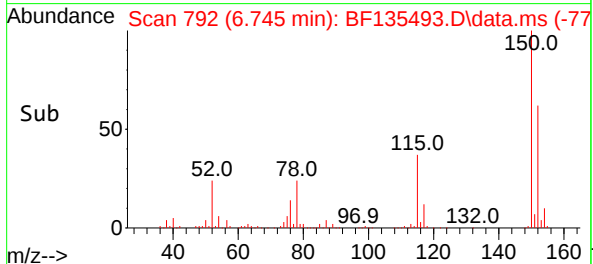
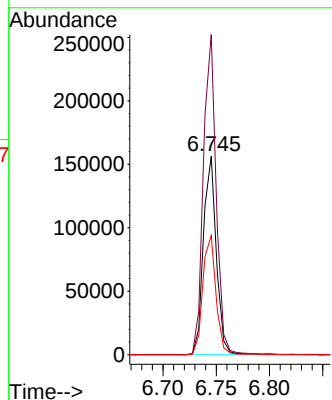
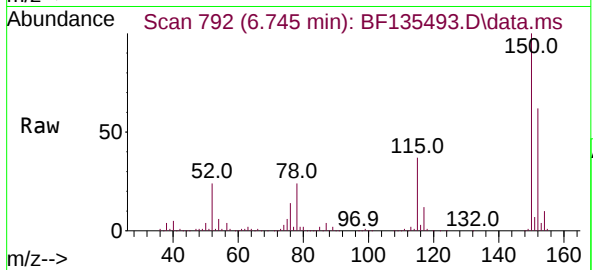




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 795
Delta R.T. -0.001 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

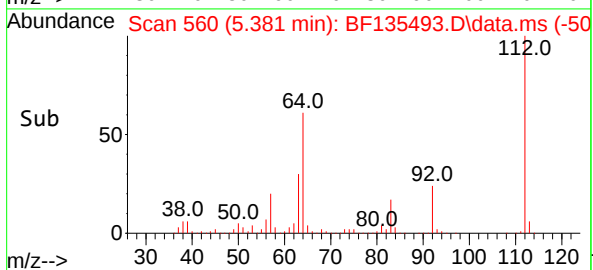
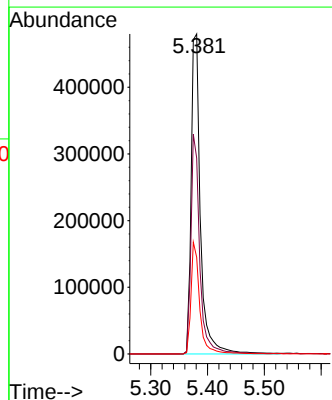
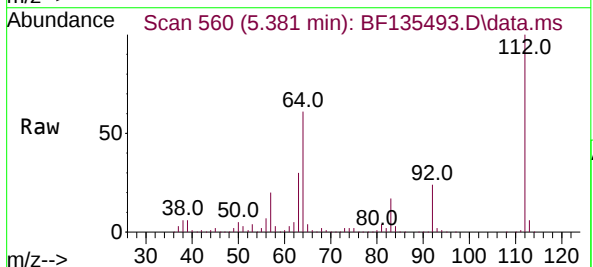
Instrument :
BNA_F
ClientSampleId :
CON-WALL

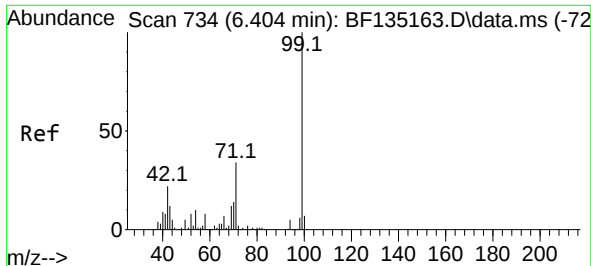
Tgt Ion:152 Resp: 132251
Ion Ratio Lower Upper
152 100
150 161.3 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 67.271 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion:112 Resp: 546998
Ion Ratio Lower Upper
112 100
64 61.2 55.9 83.9
63 30.2 29.0 43.6

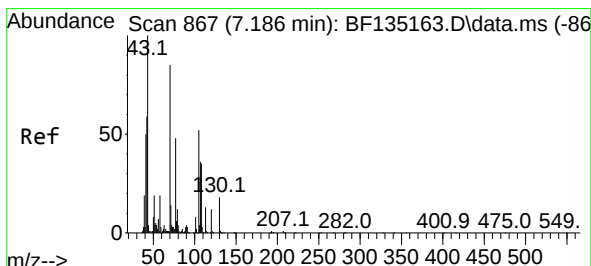
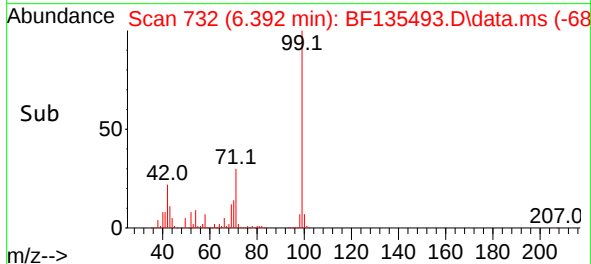
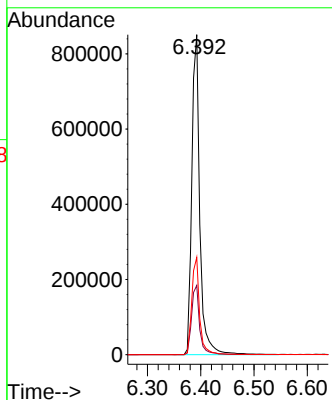
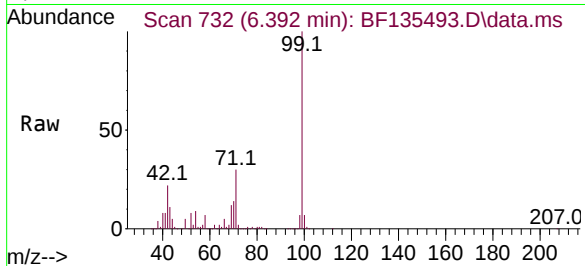




#7
Phenol-d6
Concen: 86.084 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

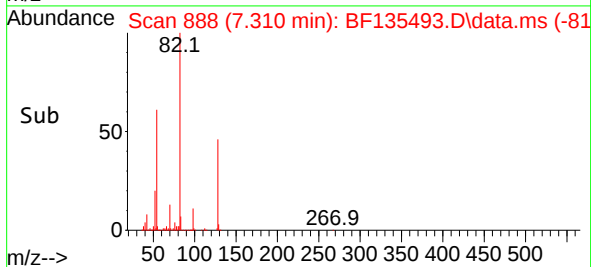
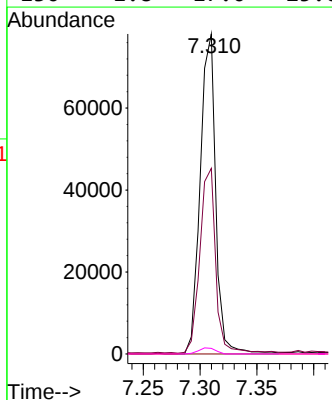
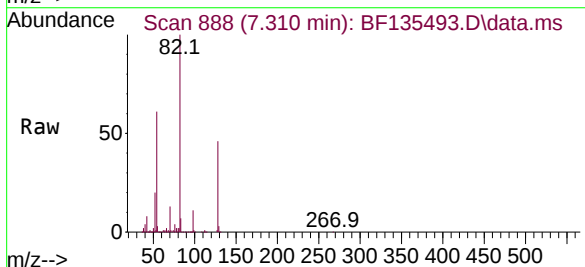
Instrument :
BNA_F
ClientSampleId :
CON-WALL

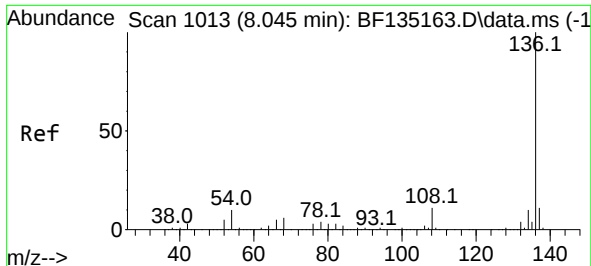
Tgt Ion: 99 Resp: 890054
Ion Ratio Lower Upper
99 100
42 21.6 17.9 26.9
71 30.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.616 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion: 70 Resp: 74390
Ion Ratio Lower Upper
70 100
42 58.0 55.4 83.0
101 0.0 7.7 11.5#
130 1.8 17.0 25.6#

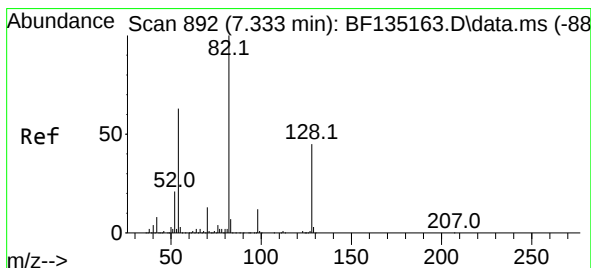
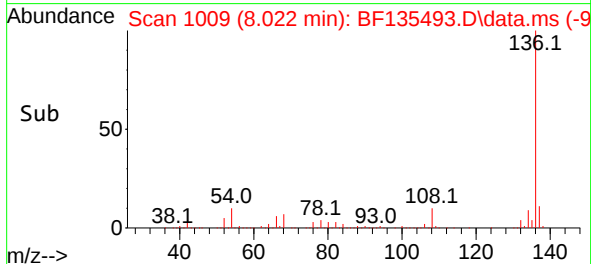
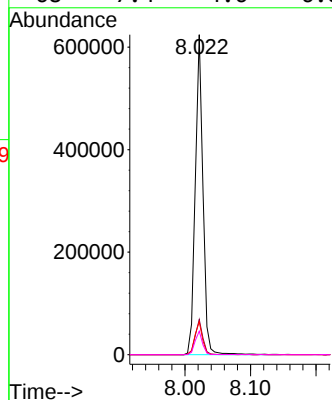
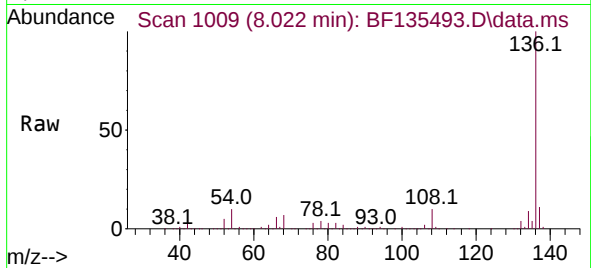




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

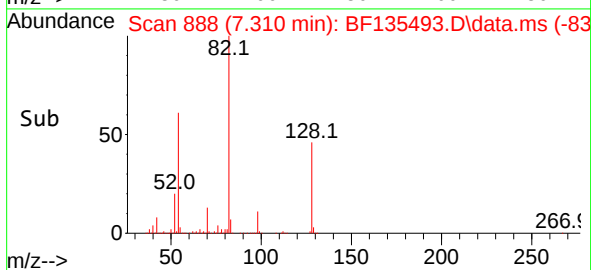
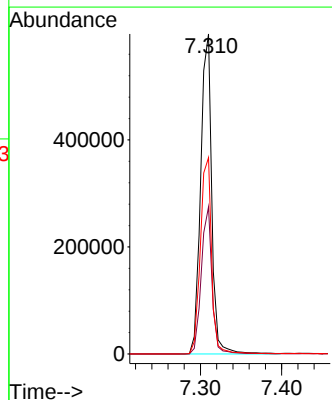
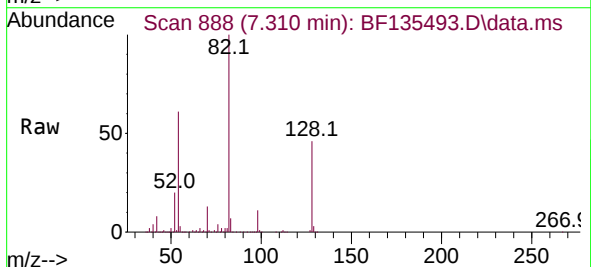
Instrument :
BNA_F
ClientSampleId :
CON-WALL

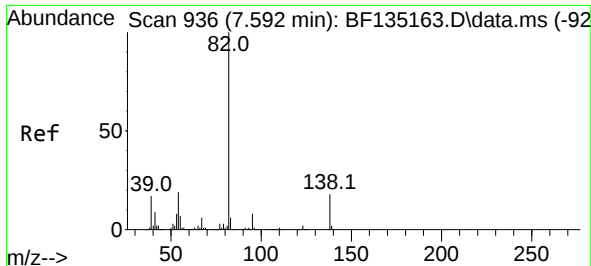
Tgt Ion:136 Resp: 509272
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.7 11.5
68 7.4 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 60.749 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion: 82 Resp: 569447
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 61.3 50.6 76.0

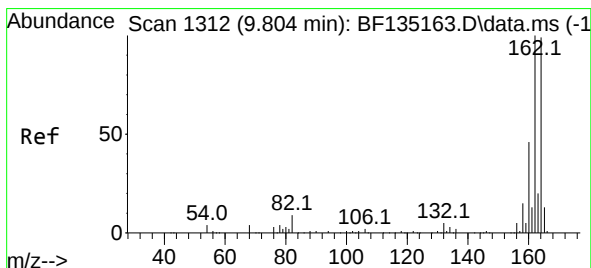
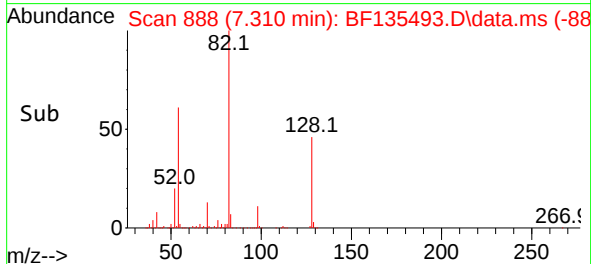
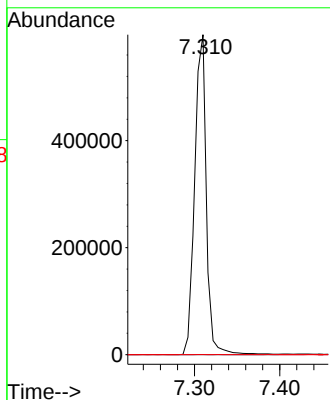
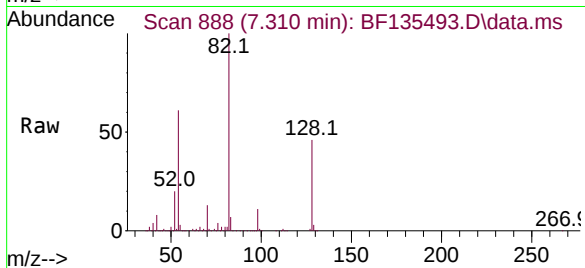




#25
Isophorone
Concen: 33.083 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

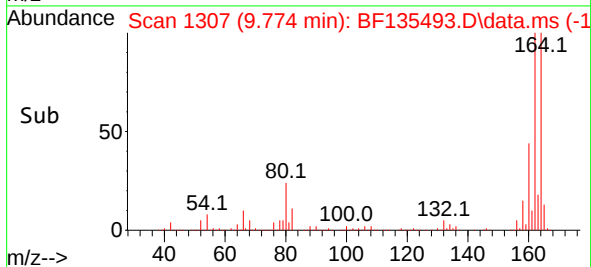
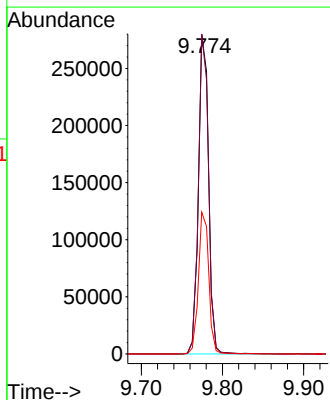
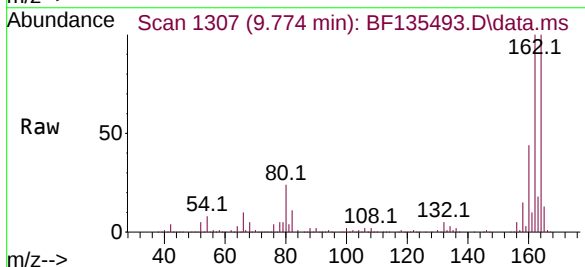
Instrument :
BNA_F
ClientSampleId :
CON-WALL

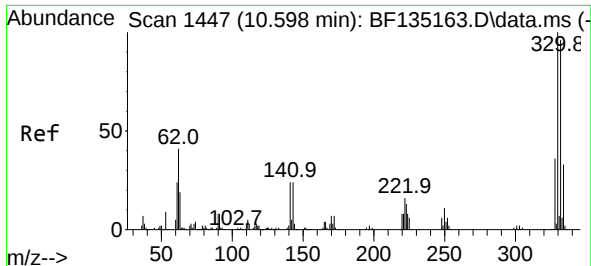
Tgt Ion: 82 Resp: 569443
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion:164 Resp: 244270
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.4 37.0 55.4

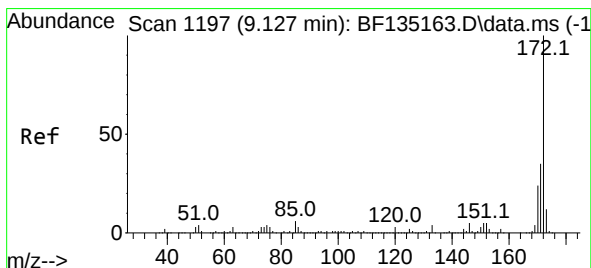
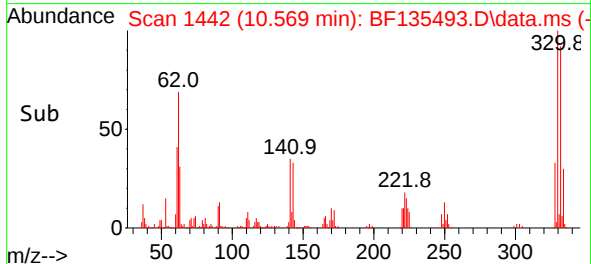
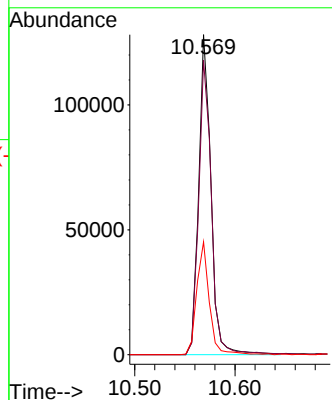
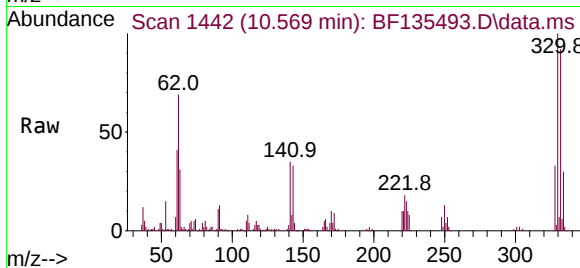




#42
2,4,6-Tribromophenol
Concen: 45.211 ng
RT: 10.569 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

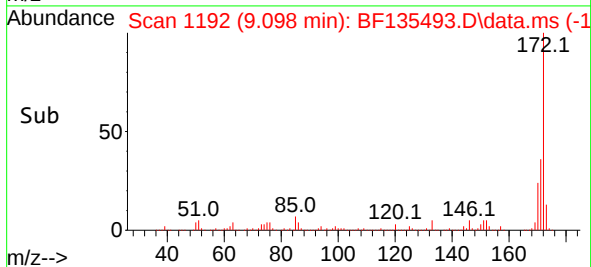
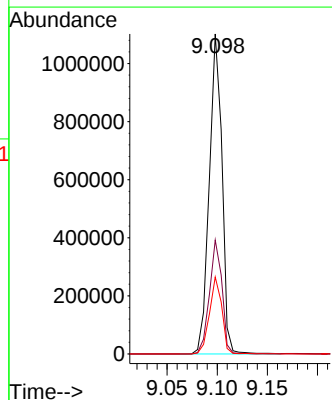
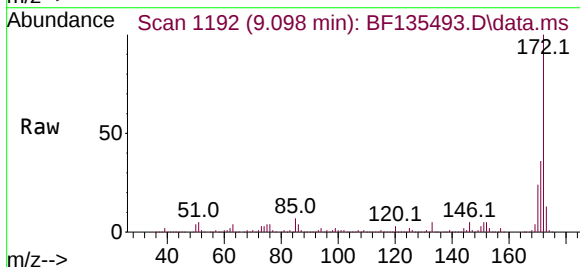
Instrument :
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ClientSampleId :
CON-WALL

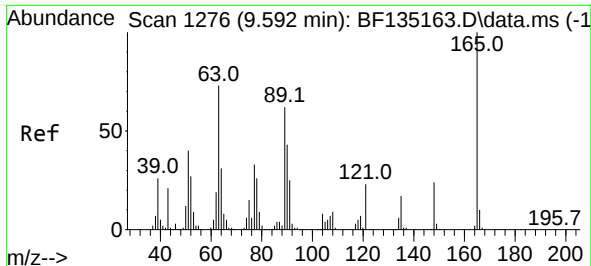
Tgt Ion:330 Resp: 109747
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 36.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 60.371 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion:172 Resp: 977440
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.1 19.0 28.4

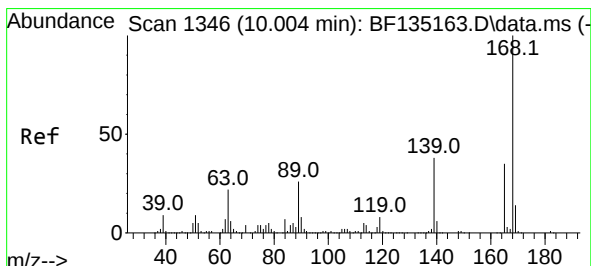
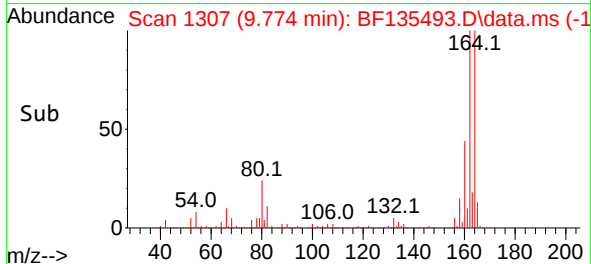
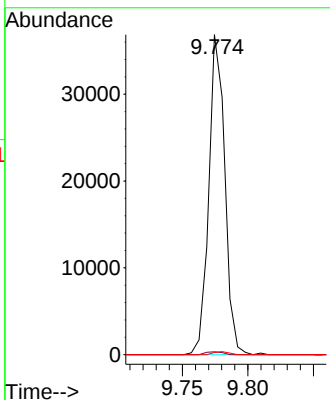
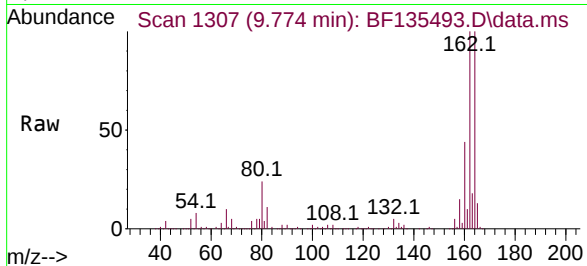




#51
2,6-Dinitrotoluene
Concen: 8.639 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

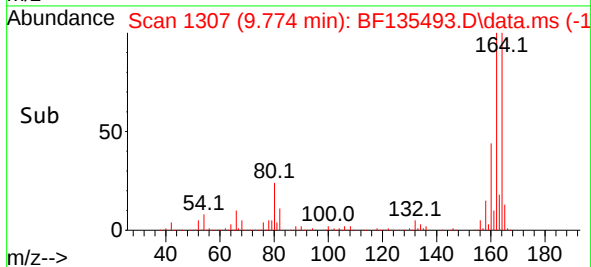
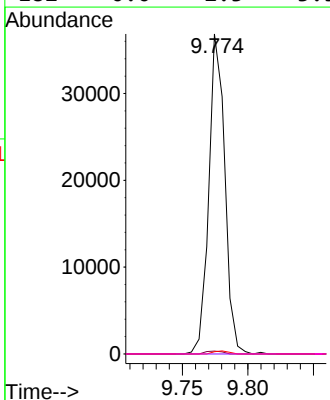
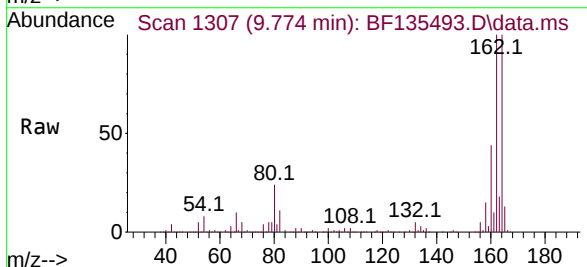
Instrument :
BNA_F
ClientSampleId :
CON-WALL

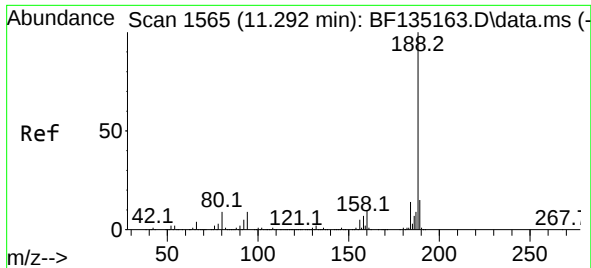
Tgt Ion:165 Resp: 31256
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 0.7 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.901 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion:165 Resp: 31256
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 0.7 59.3 88.9#
182 0.0 2.3 3.5#

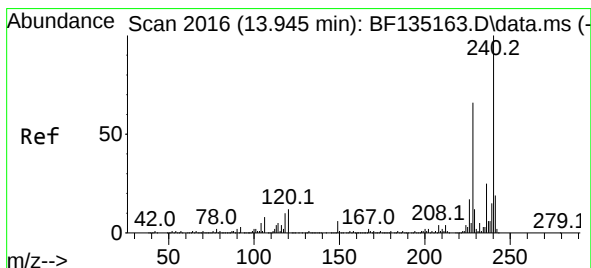
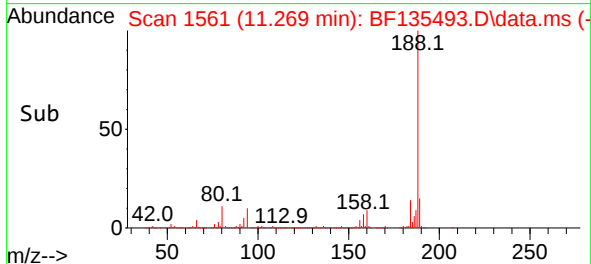
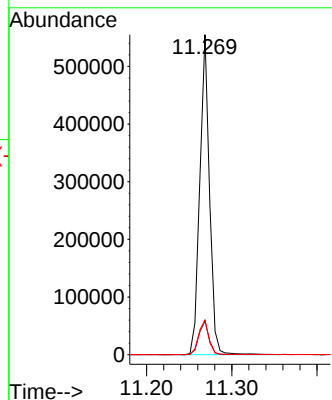
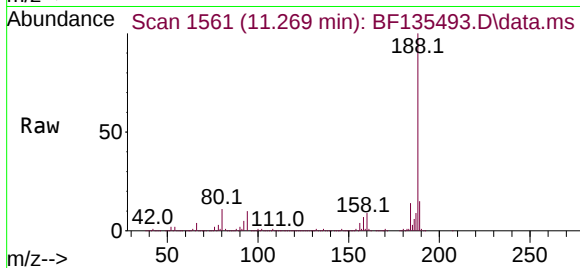




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

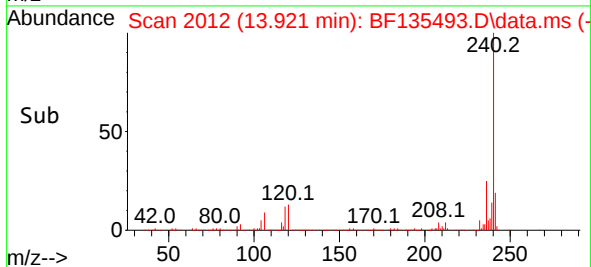
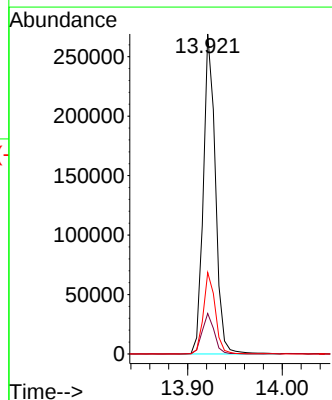
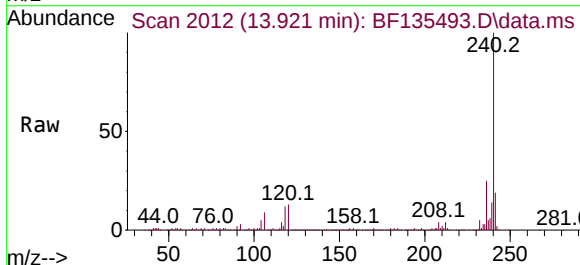
Instrument :
BNA_F
ClientSampleId :
CON-WALL

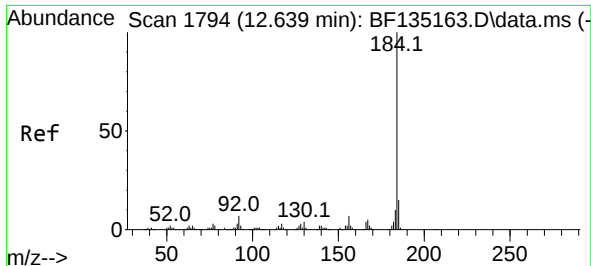
Tgt Ion:188 Resp: 439439
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

Tgt Ion:240 Resp: 239147
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 25.5 19.8 29.8

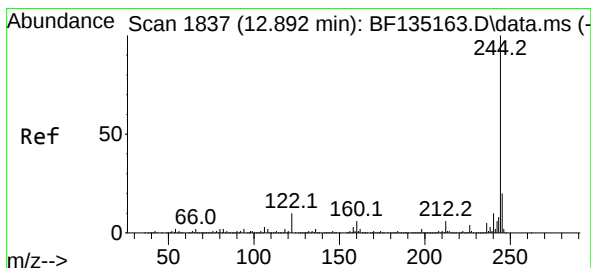
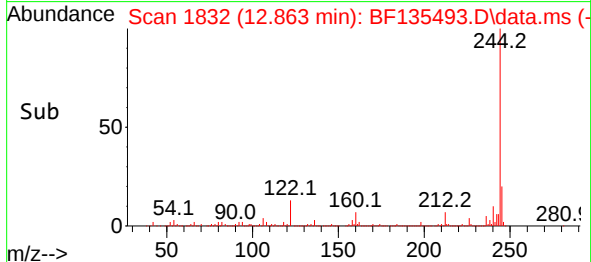
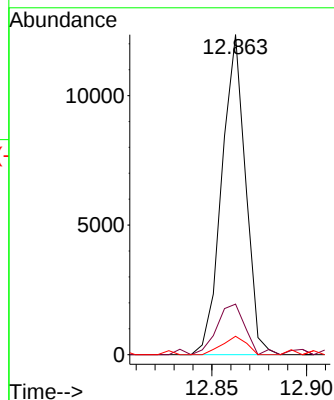
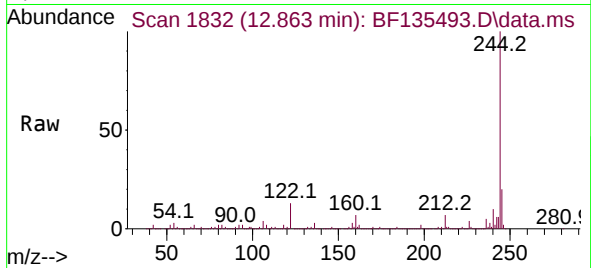




#77
Benzidine
Concen: 2.198 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

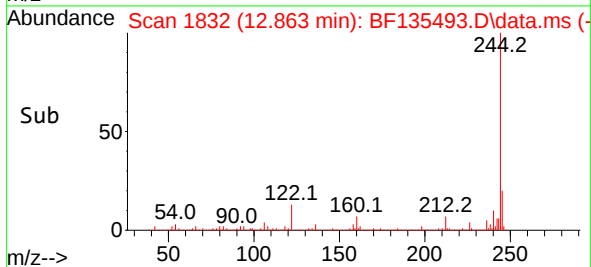
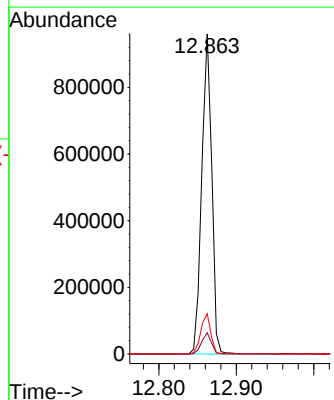
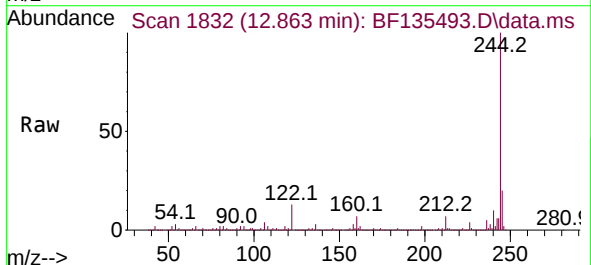
Instrument :
BNA_F
ClientSampleId :
CON-WALL

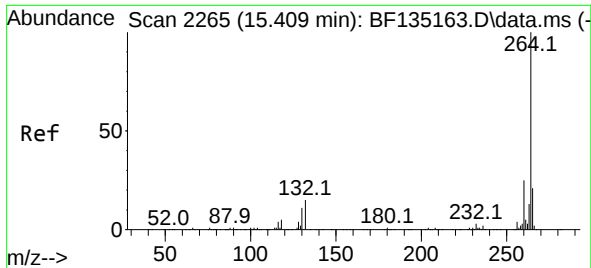
Tgt Ion:184 Resp: 10768
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 5.7 8.2 12.4#



#79
Terphenyl-d14
Concen: 55.656 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF135493.D
Acq: 28 Sep 2023 15:03

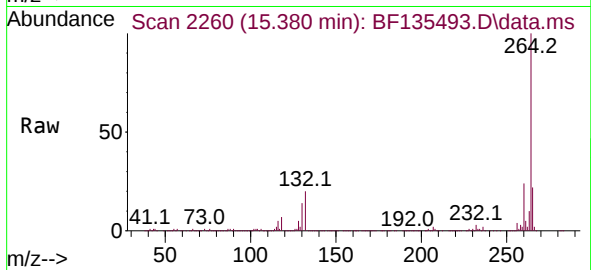
Tgt Ion:244 Resp: 858596
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.6 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF135493.D
 Acq: 28 Sep 2023 15:03

Instrument :
 BNA_F
 ClientSampleId :
 CON-WALL



Tgt Ion:264 Resp: 281169
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.3 17.0 25.4

