

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135263.D
 Acq On : 14 Sep 2023 20:05
 Operator : CG\JU
 Sample : 04361-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230907

Quant Time: Sep 15 01:36:09 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)

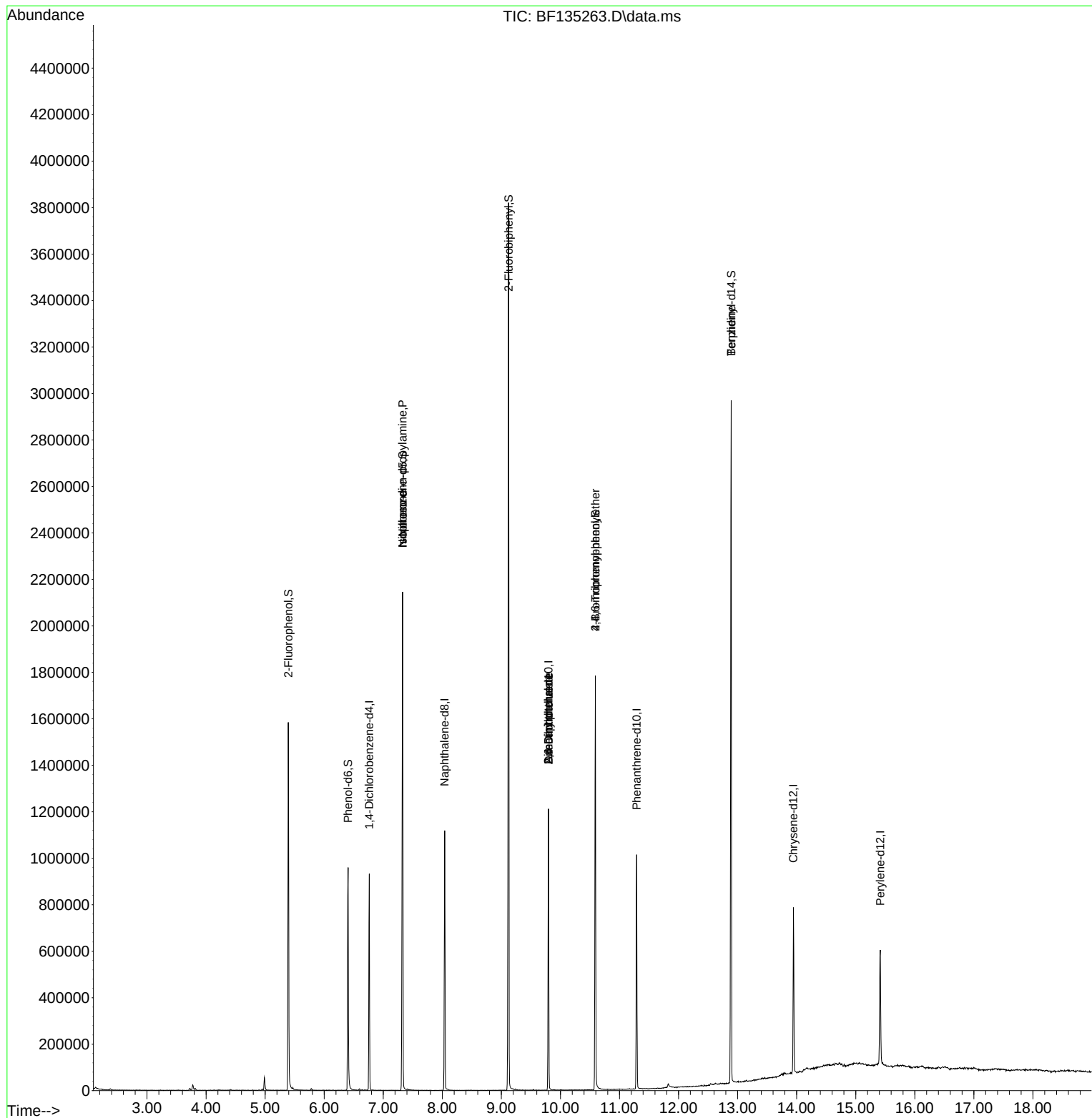
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	128493	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	450555	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	224909	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	368317	20.000	ng	0.00
76) Chrysene-d12	13.945	240	238998	20.000	ng	0.00
86) Perylene-d12	15.415	264	252607	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	400488	50.693	ng	0.00
7) Phenol-d6	6.404	99	302721	30.135	ng	0.00
23) Nitrobenzene-d5	7.328	82	694969	83.802	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	206355	92.327	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1190821	79.882	ng	0.00
79) Terphenyl-d14	12.892	244	1054101	68.371	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	95064	15.278	ng	# 78
25) Isophorone	7.328	82	694965	45.637	ng	# 65
50) Dimethylphthalate	9.798	163	44618	2.934	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	29641	8.898	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	29641	7.108	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	13285	3.627	ng	# 1
77) Benzidine	12.892	184	13917	2.842	ng	# 96

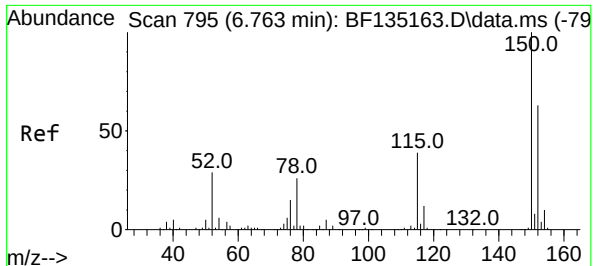
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
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Quant Time: Sep 15 01:36:09 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

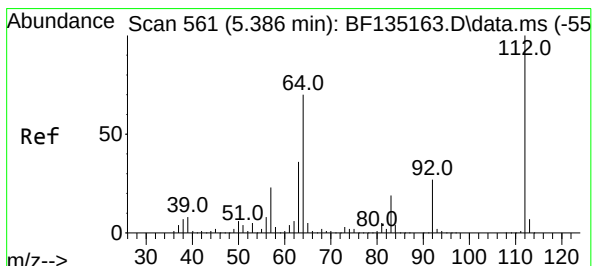
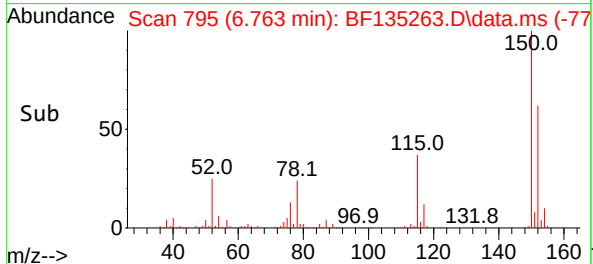
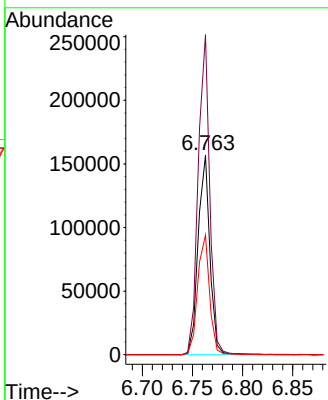
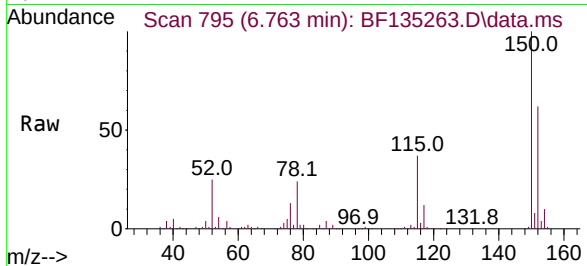




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

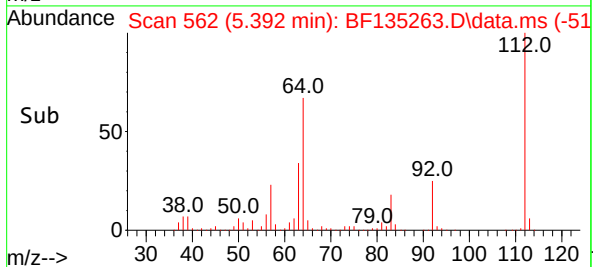
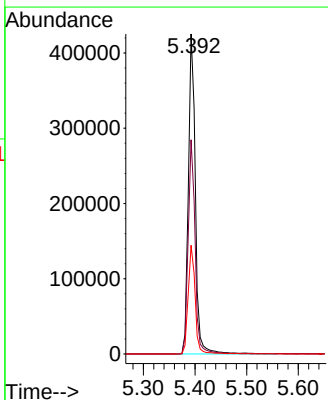
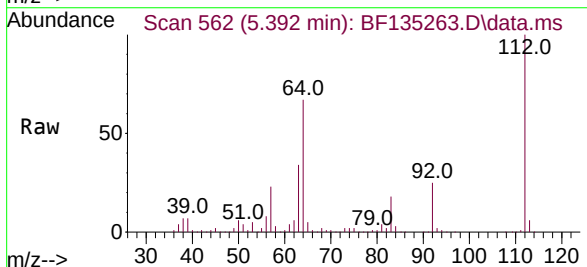
Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

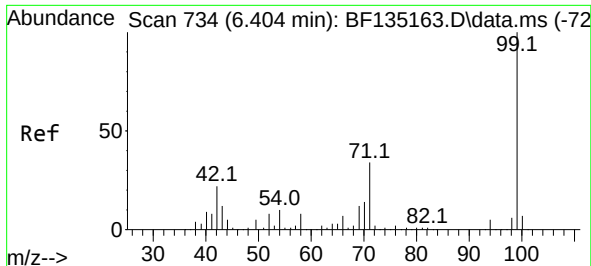
Tgt Ion:152 Resp: 128493
Ion Ratio Lower Upper
152 100
150 160.4 127.8 191.6
115 60.0 49.8 74.8



#5
2-Fluorophenol
Concen: 50.693 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion:112 Resp: 400488
Ion Ratio Lower Upper
112 100
64 67.0 55.9 83.9
63 33.9 29.0 43.6

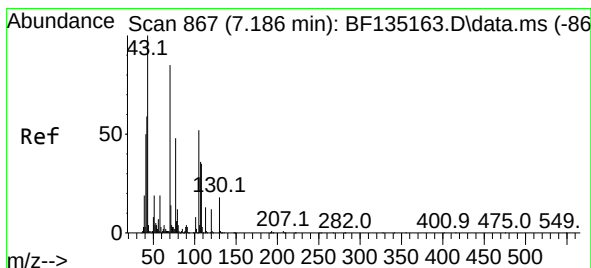
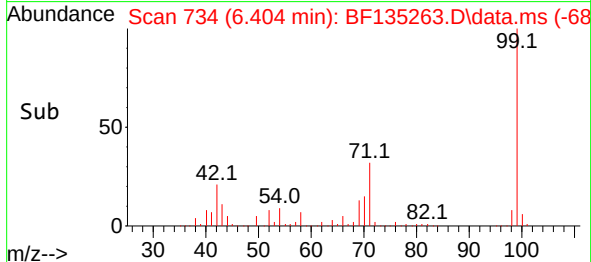
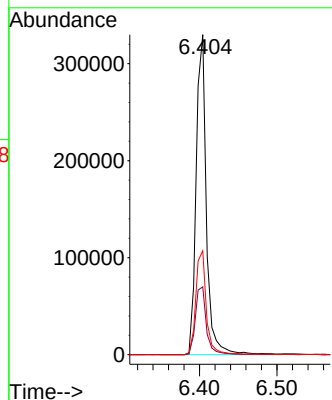
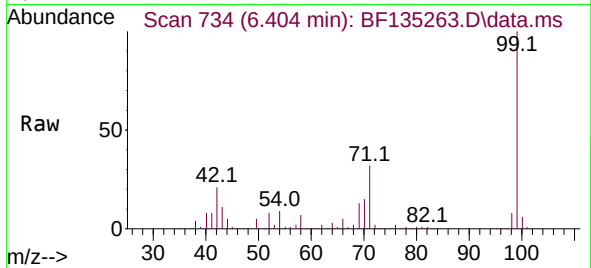




#7
Phenol-d6
Concen: 30.135 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

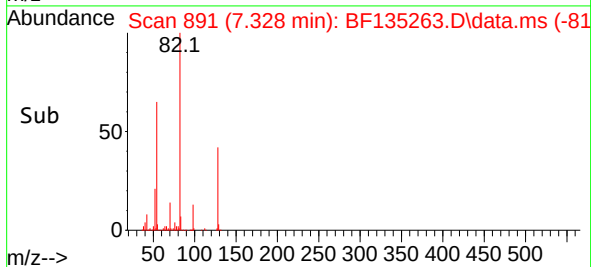
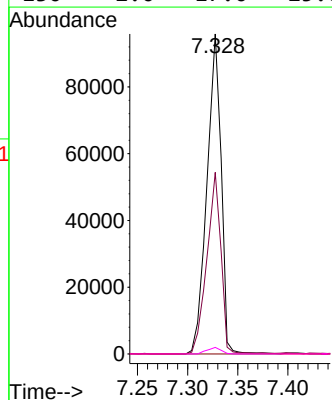
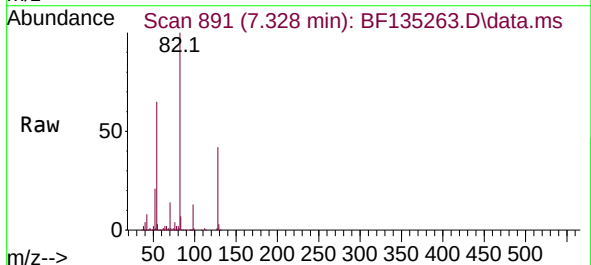
Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

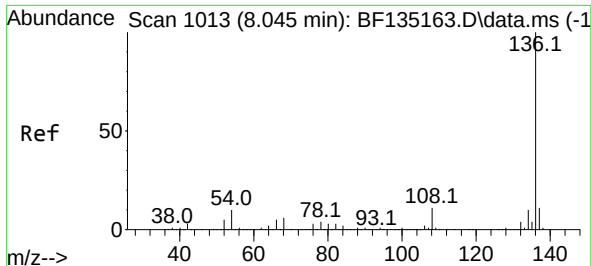
Tgt Ion: 99 Resp: 302721
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 32.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.278 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

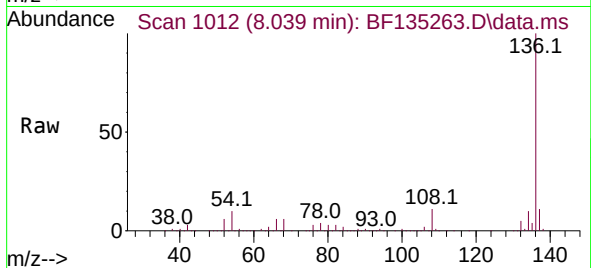
Tgt Ion: 70 Resp: 95064
Ion Ratio Lower Upper
70 100
42 56.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#



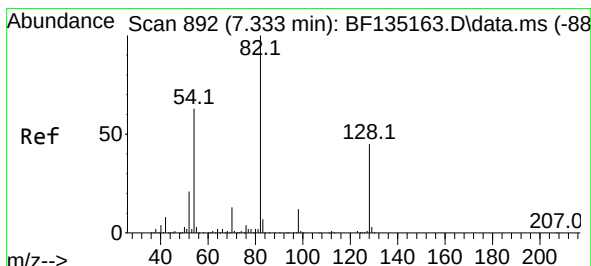
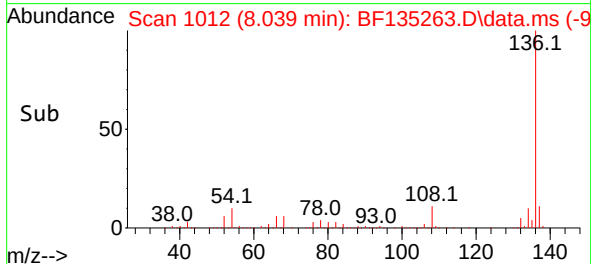
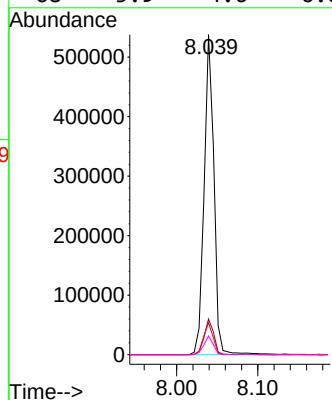


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

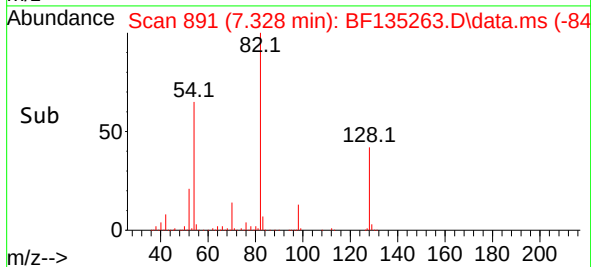
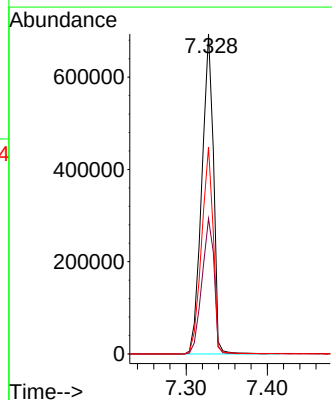
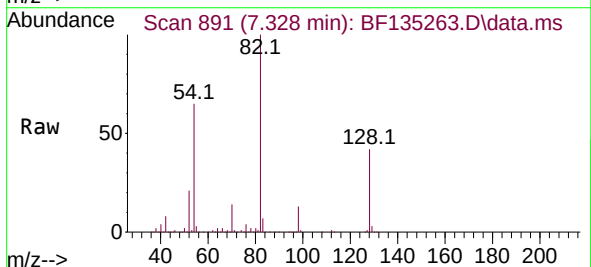


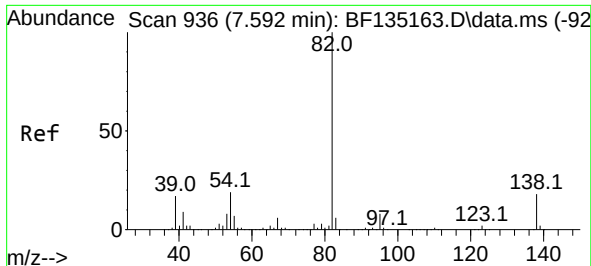
Tgt Ion:136 Resp: 450555
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.0 7.7 11.5
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.802 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion: 82 Resp: 694969
Ion Ratio Lower Upper
82 100
128 42.3 35.8 53.6
54 64.6 50.6 76.0

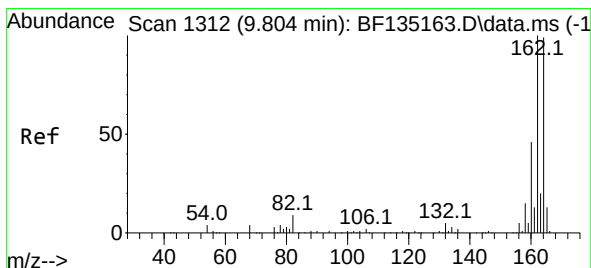
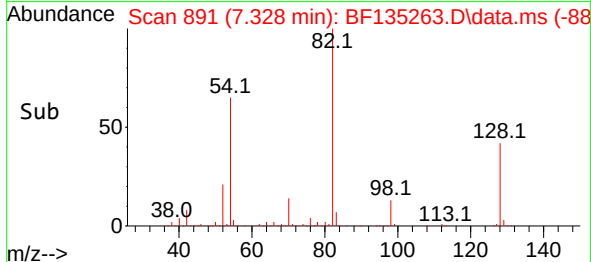
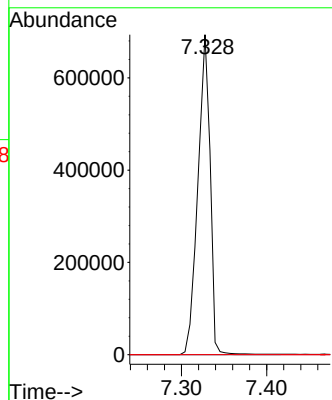
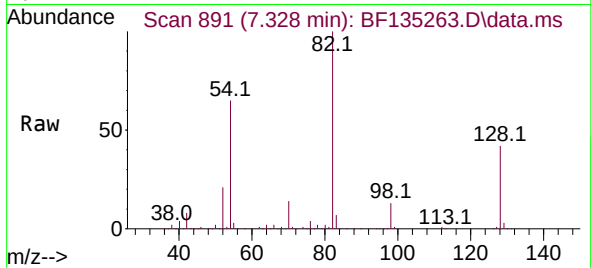




#25
Isophorone
Concen: 45.637 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

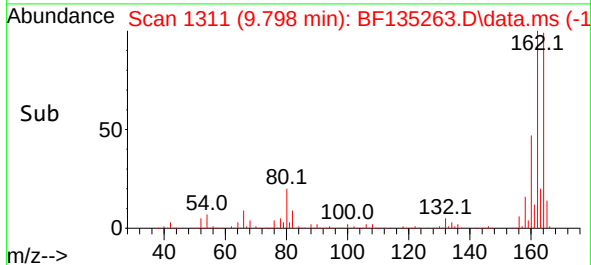
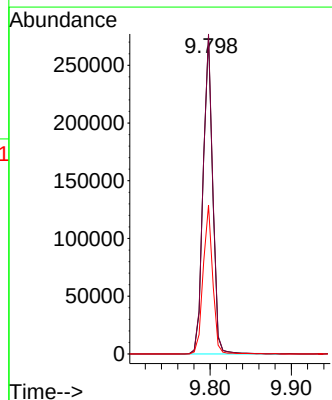
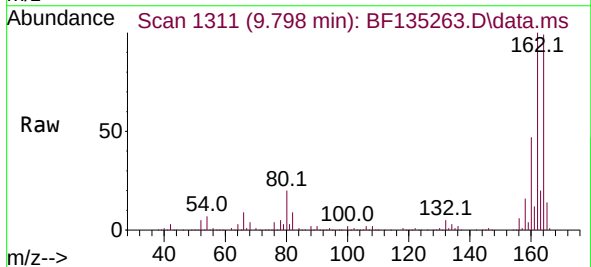
Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

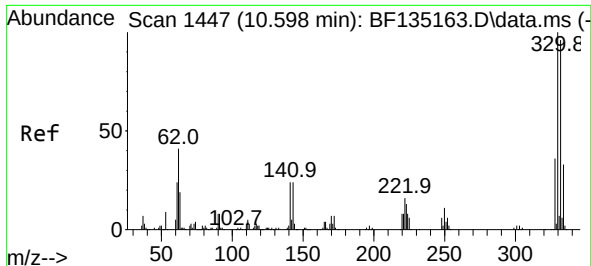
Tgt Ion: 82 Resp: 694965
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion: 164 Resp: 224909
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 46.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 92.327 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135263.D

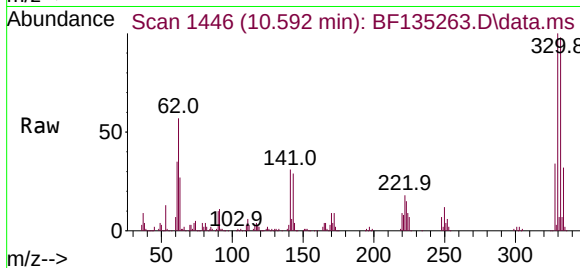
Acq: 14 Sep 2023 20:05

Instrument :

BNA_F

ClientSampleId :

SP-303-20230907



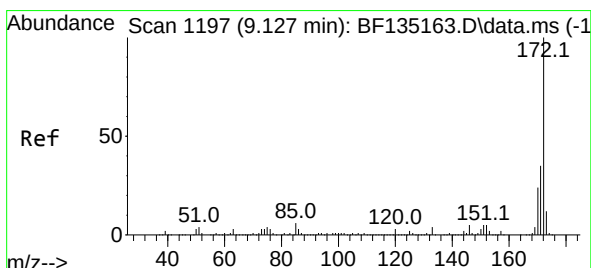
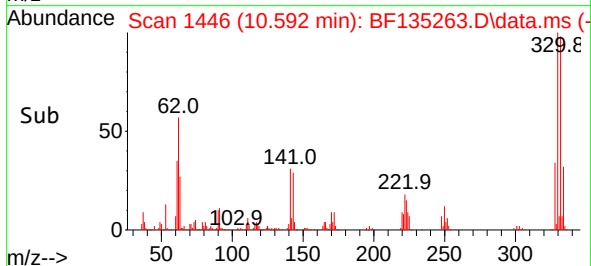
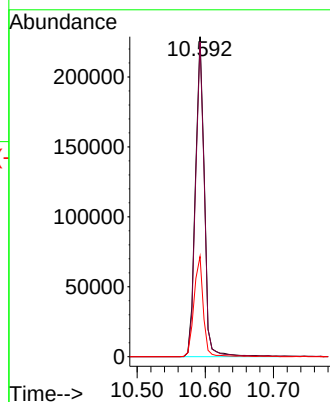
Tgt Ion:330 Resp: 206355

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 32.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.882 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135263.D

Acq: 14 Sep 2023 20:05

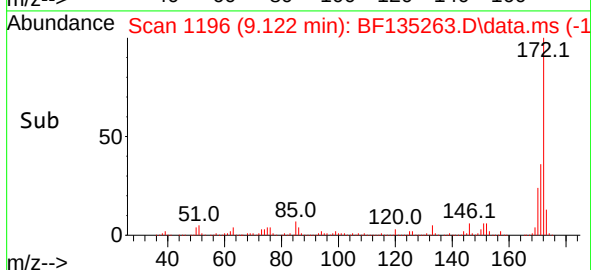
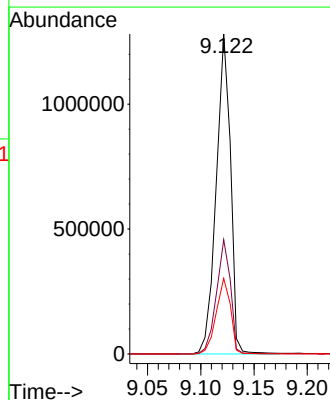
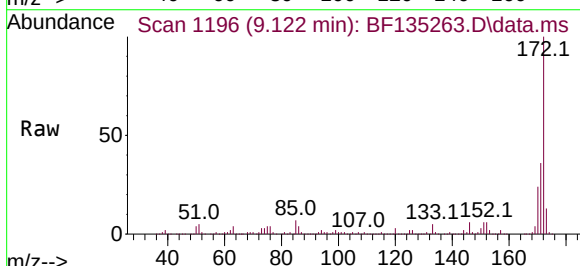
Tgt Ion:172 Resp: 1190821

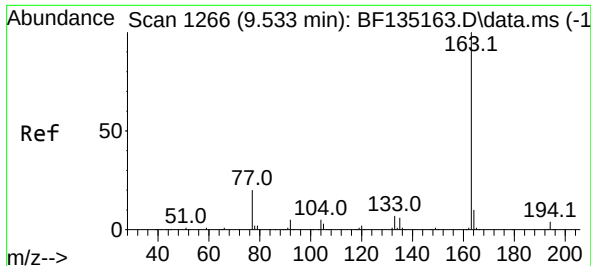
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.0 28.4

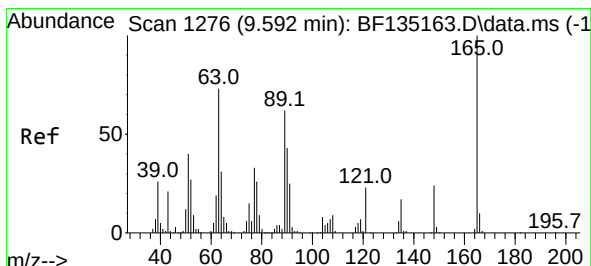
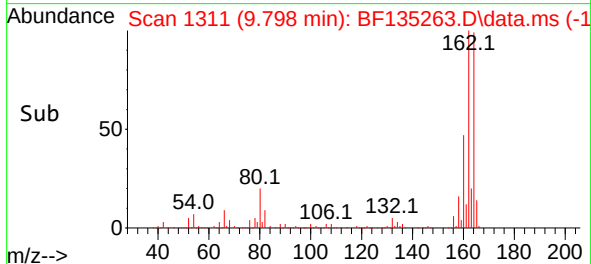
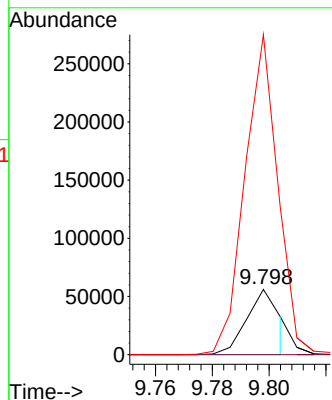
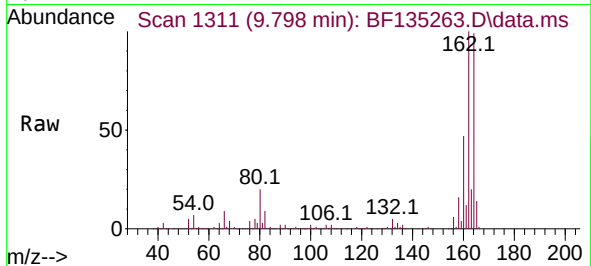




#50
Dimethylphthalate
Concen: 2.934 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

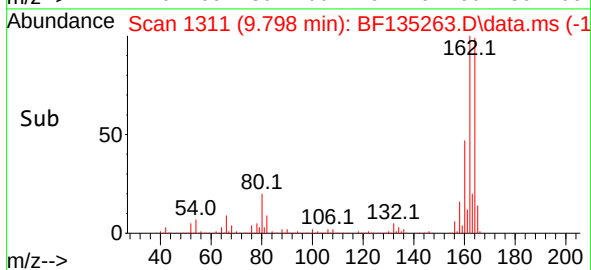
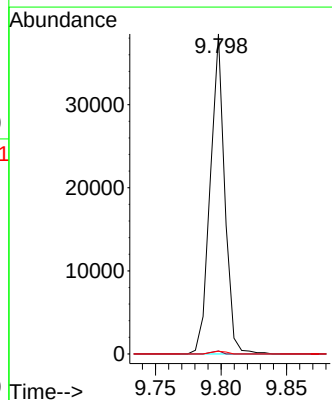
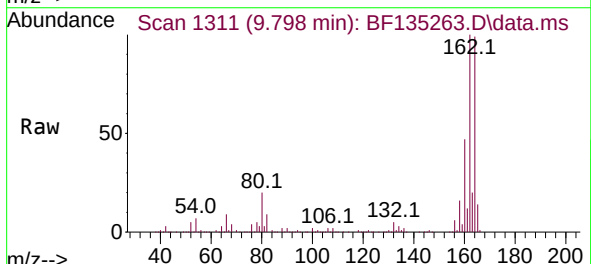
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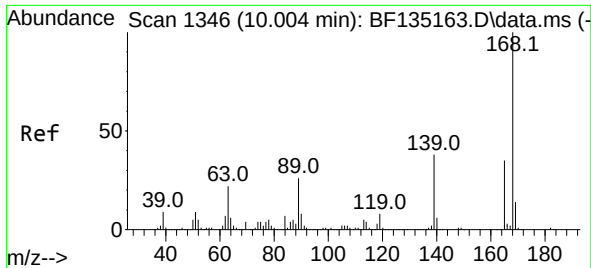
Tgt Ion:163 Resp: 44618
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 489.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.898 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion:165 Resp: 29641
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 0.8 49.8 74.8#

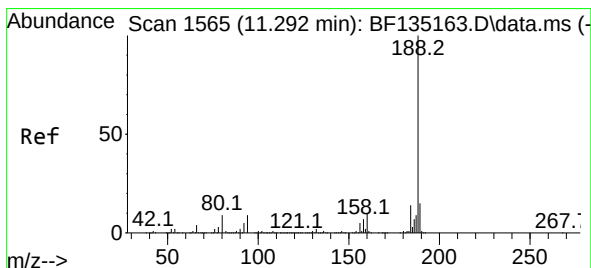
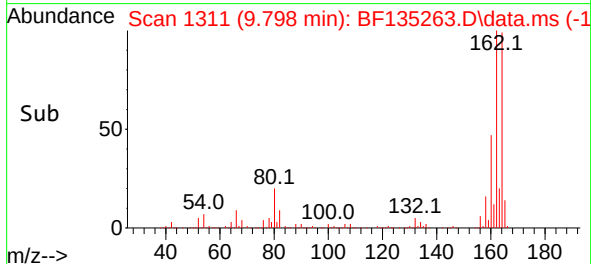
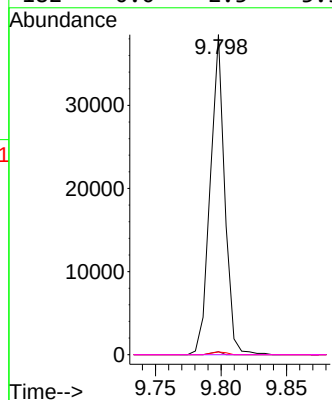
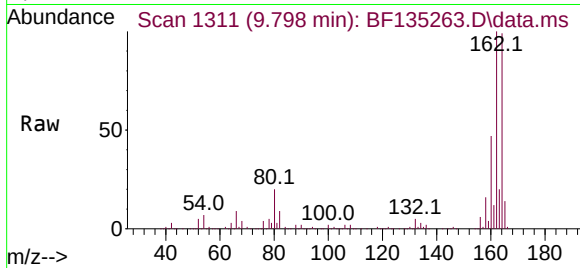




#57
2,4-Dinitrotoluene
Concen: 7.108 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

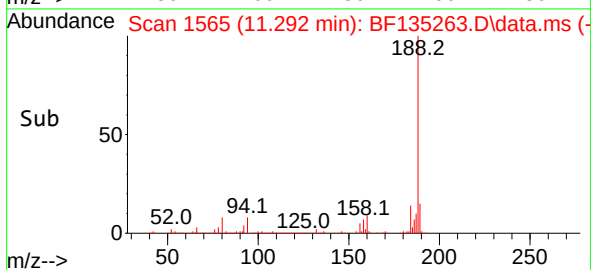
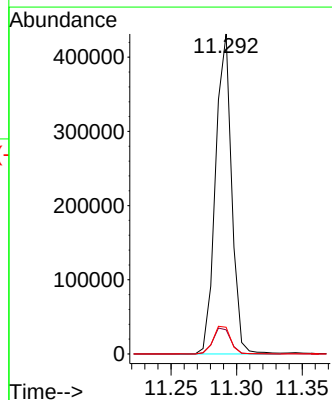
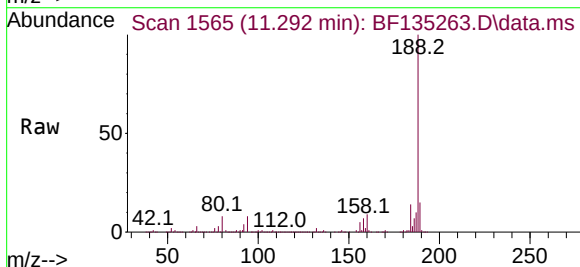
Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

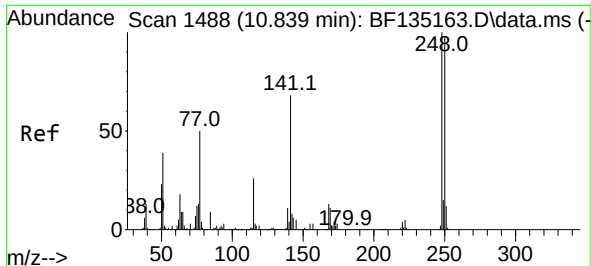
Tgt Ion:165 Resp: 29641
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 0.8 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion:188 Resp: 368317
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.4 7.5 11.3

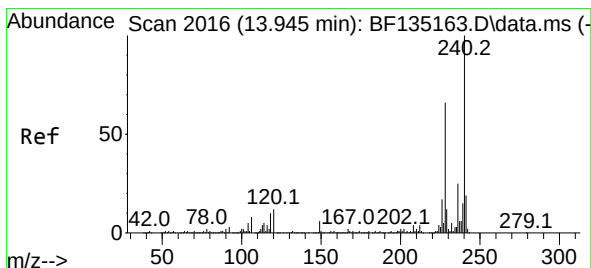
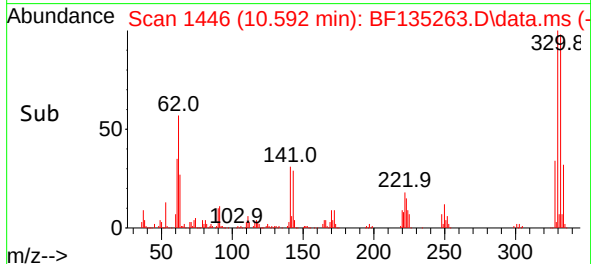
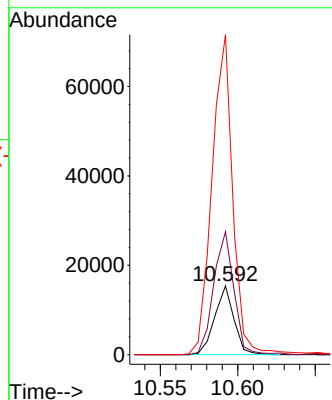
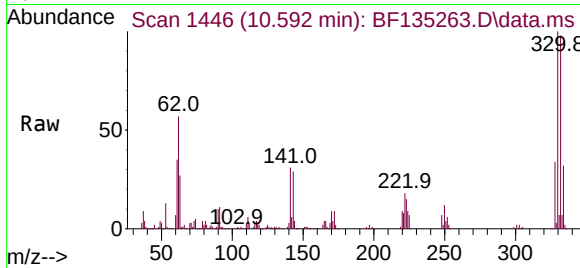




#67
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

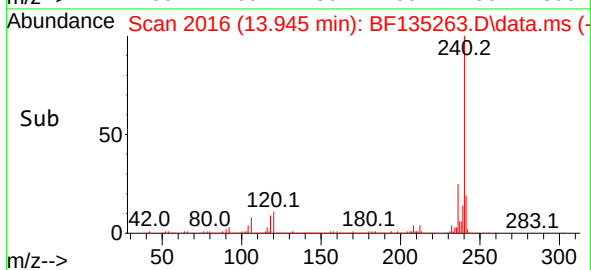
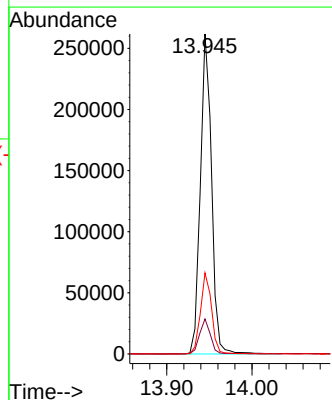
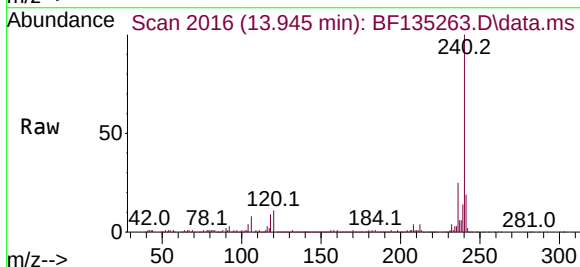
Instrument :
BNA_F
ClientSampleId :
SP-303-20230907

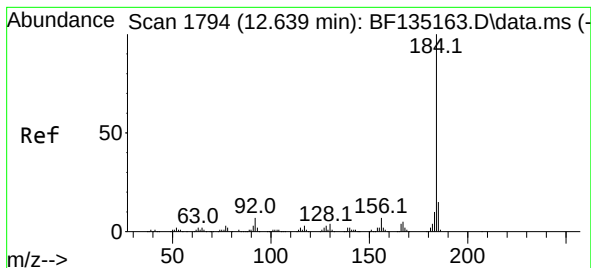
Tgt Ion:248 Resp: 13285
Ion Ratio Lower Upper
248 100
250 178.7 78.6 117.8#
141 465.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Tgt Ion:240 Resp: 238998
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.4 19.8 29.8





#77

Benzidine

Concen: 2.842 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.253 min

Lab File: BF135263.D

Acq: 14 Sep 2023 20:05

Instrument :

BNA_F

ClientSampleId :

SP-303-20230907

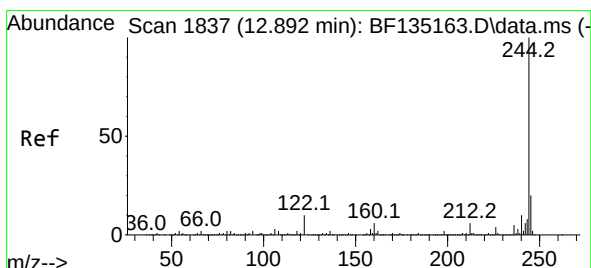
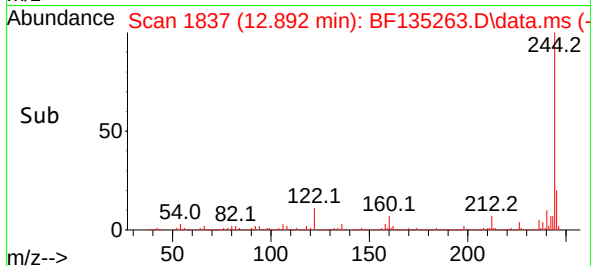
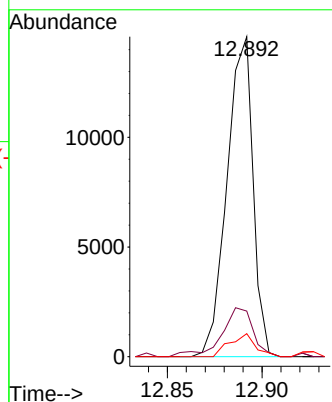
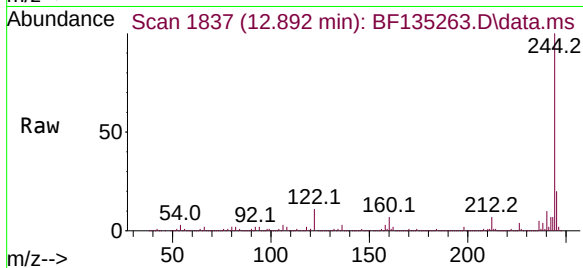
Tgt Ion:184 Resp: 13917

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 7.2 8.2 12.4#



#79

Terphenyl-d14

Concen: 68.371 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF135263.D

Acq: 14 Sep 2023 20:05

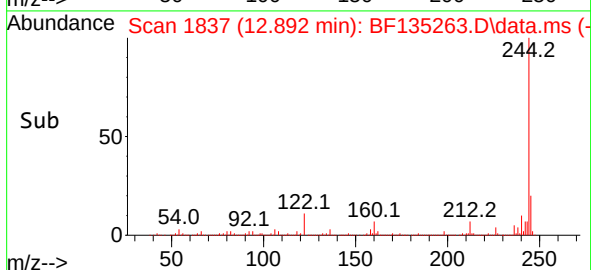
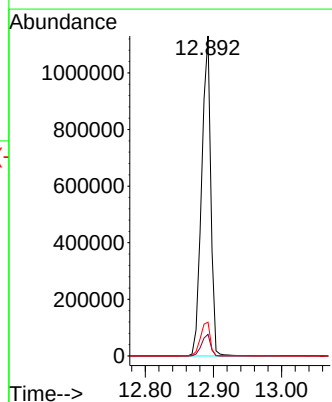
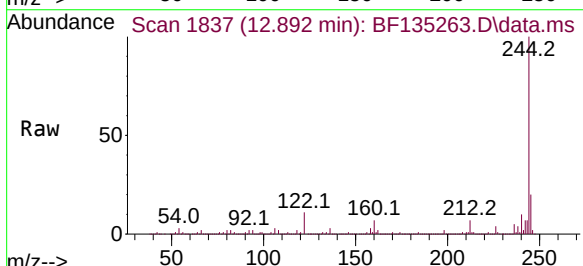
Tgt Ion:244 Resp: 1054101

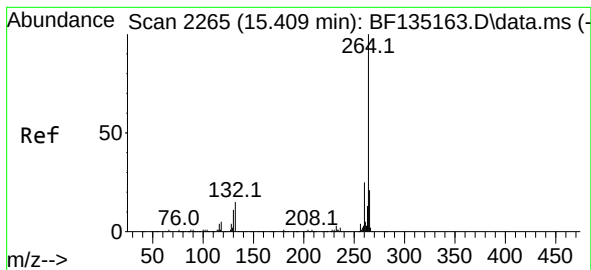
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

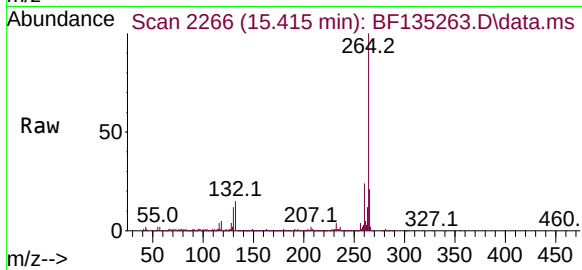
122 10.6 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF135263.D
Acq: 14 Sep 2023 20:05

Instrument :
BNA_F
ClientSampleId :
SP-303-20230907



Tgt Ion:264 Resp: 252607

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	21.4	17.0	25.4

