

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135560.D
 Acq On : 04 Oct 2023 01:01
 Operator : CG\JU
 Sample : 04627-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-03

Quant Time: Oct 04 07:15:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

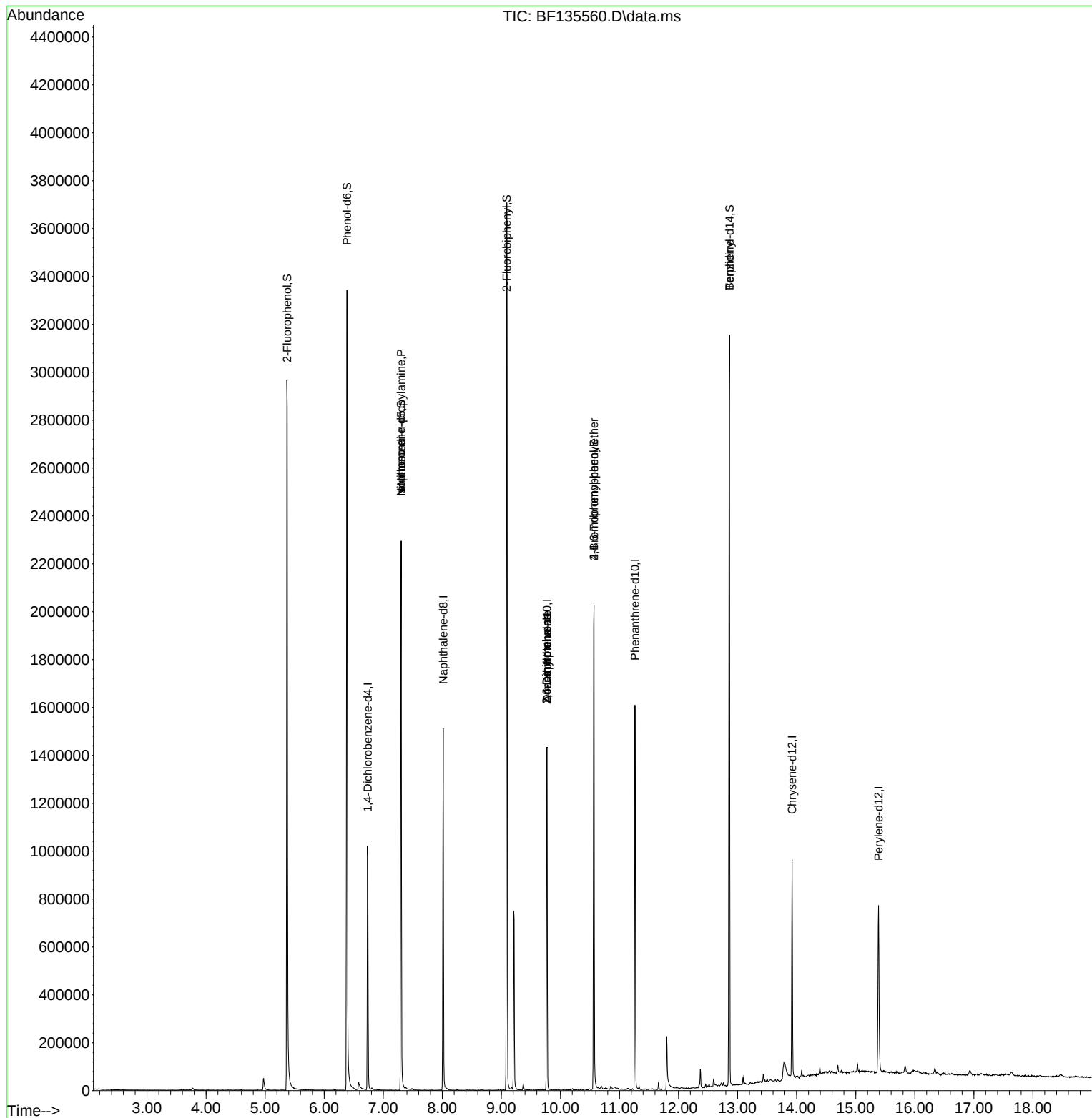
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	157376	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	620796	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	308780	20.000	ng	0.00
64) Phenanthrene-d10	11.262	188	577147	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	300811	20.000	ng	0.00
86) Perylene-d12	15.386	264	328546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	888599	91.835	ng	0.00
7) Phenol-d6	6.386	99	1122636	91.244	ng	0.00
23) Nitrobenzene-d5	7.304	82	702862	61.511	ng	0.00
42) 2,4,6-Tribromophenol	10.568	330	245127	79.884	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1195002	58.389	ng	0.00
79) Terphenyl-d14	12.862	244	1168336	60.209	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	91946	12.065	ng	# 78
25) Isophorone	7.304	82	702855	33.498	ng	# 65
50) Dimethylphthalate	9.774	163	63403	3.037	ng	# 1
51) 2,6-Dinitrotoluene	9.768	165	38319	8.379	ng	# 17
57) 2,4-Dinitrotoluene	9.768	165	38319	6.693	ng	# 18
67) 4-Bromophenyl-phenylether	10.568	248	16226	2.827	ng	# 1
77) Benzidine	12.862	184	14219	2.307	ng	# 91

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

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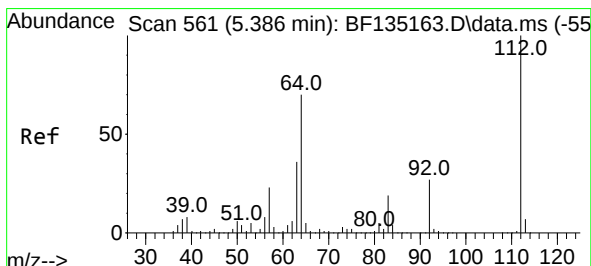
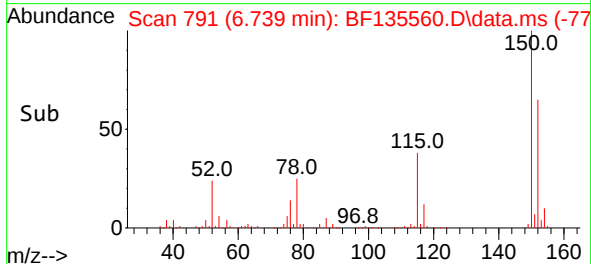
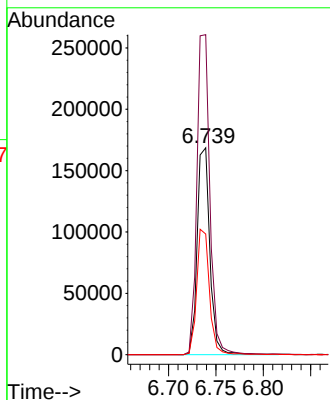
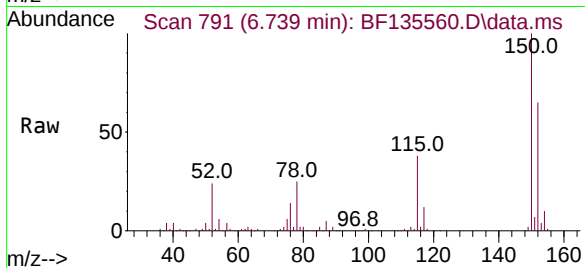




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

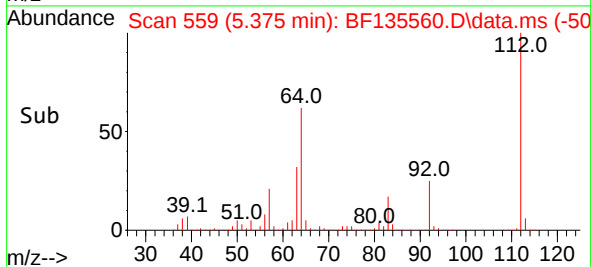
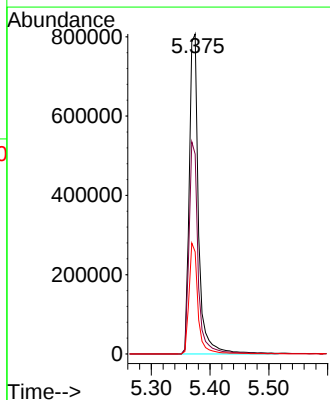
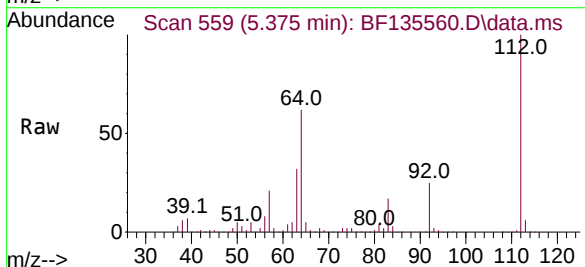
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

Tgt Ion:152 Resp: 157376
Ion Ratio Lower Upper
152 100
150 154.6 127.8 191.6
115 58.3 49.8 74.8



#5
2-Fluorophenol
Concen: 91.835 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion:112 Resp: 888599
Ion Ratio Lower Upper
112 100
64 62.5 55.9 83.9
63 31.9 29.0 43.6

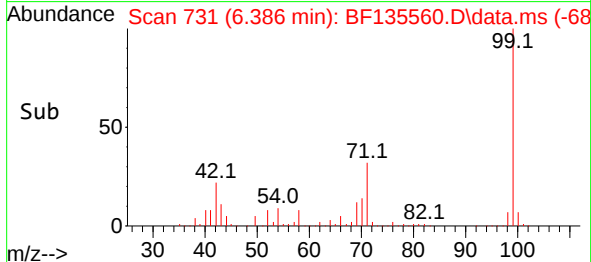
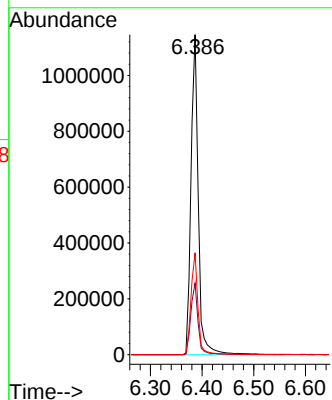
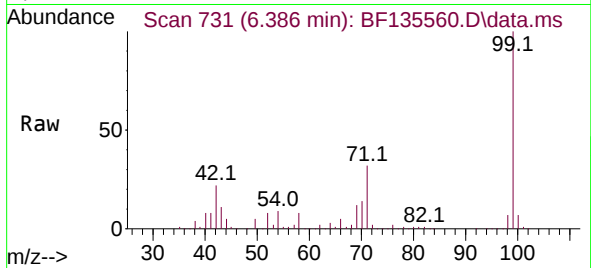




#7
Phenol-d6
Concen: 91.244 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

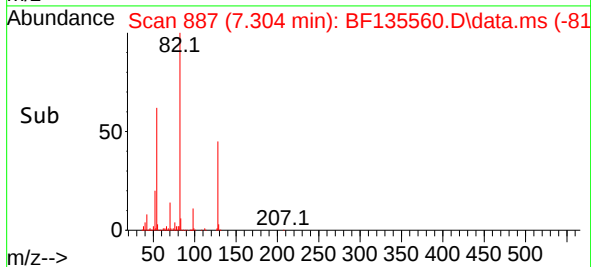
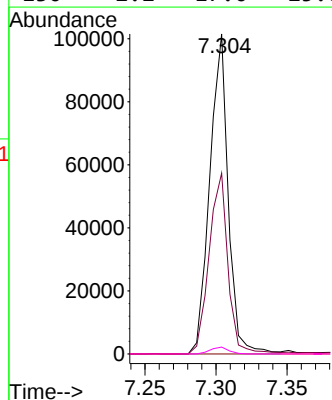
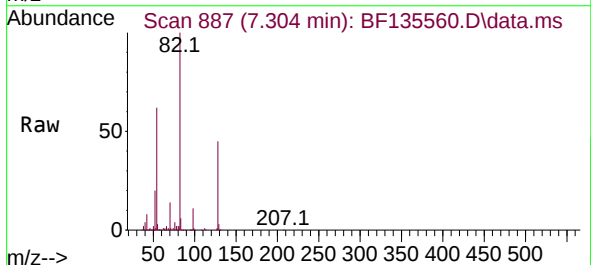
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

Tgt Ion: 99 Resp: 1122636
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 31.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.065 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion: 70 Resp: 91946
Ion Ratio Lower Upper
70 100
42 56.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

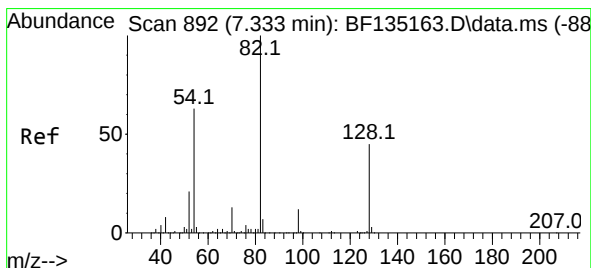
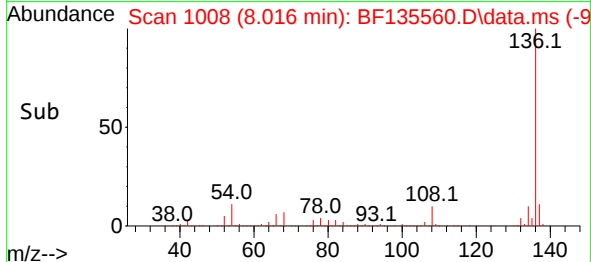
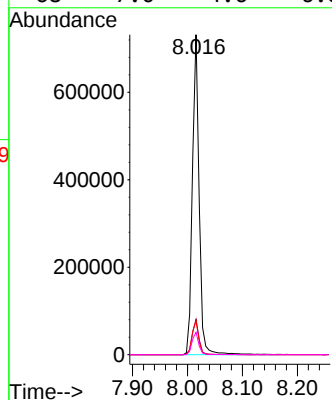
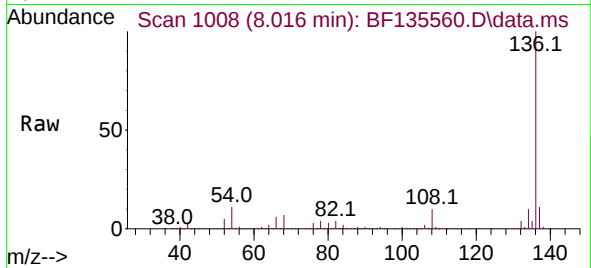




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

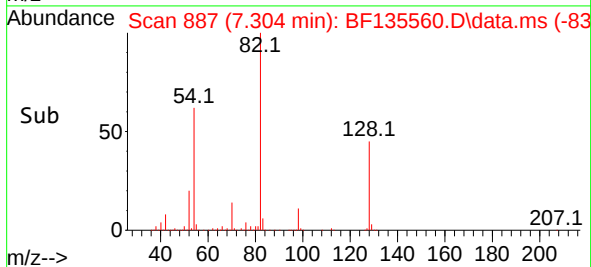
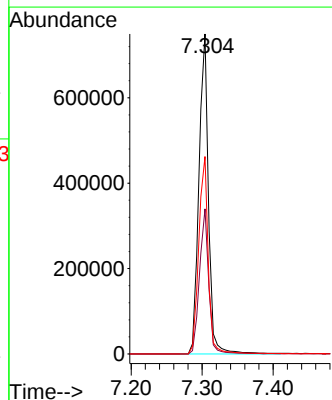
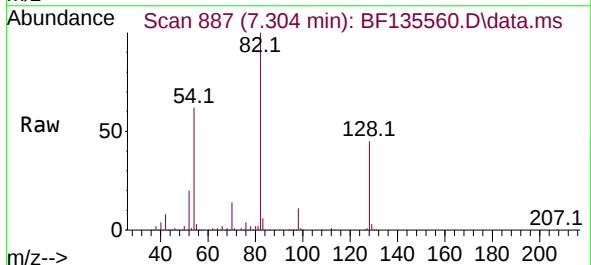
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

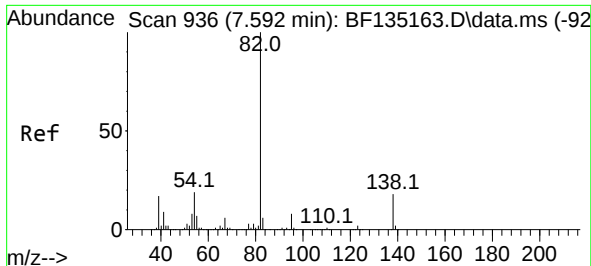
Tgt Ion:136 Resp: 620796
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.6 7.7 11.5
68 7.0 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 61.511 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion: 82 Resp: 702862
Ion Ratio Lower Upper
82 100
128 45.3 35.8 53.6
54 61.7 50.6 76.0

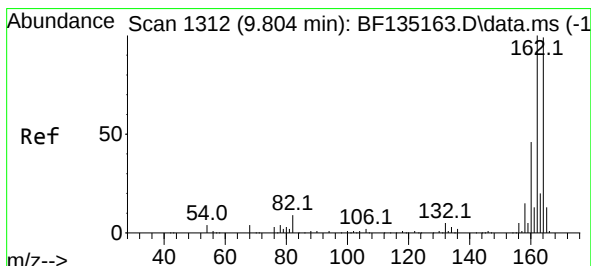
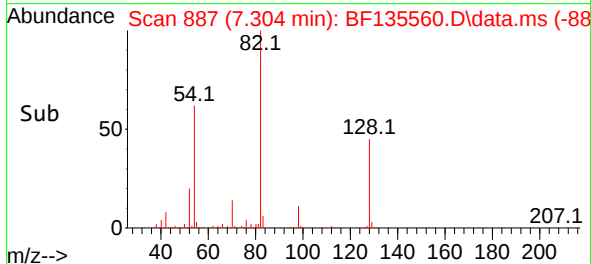
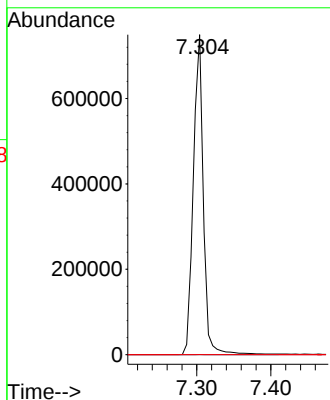
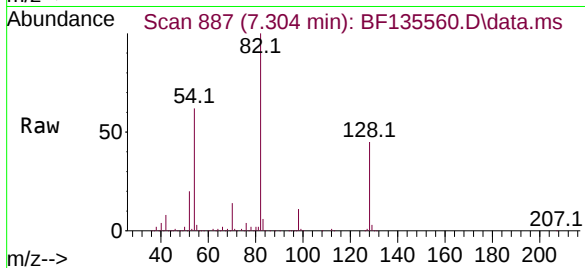




#25
Isophorone
Concen: 33.498 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

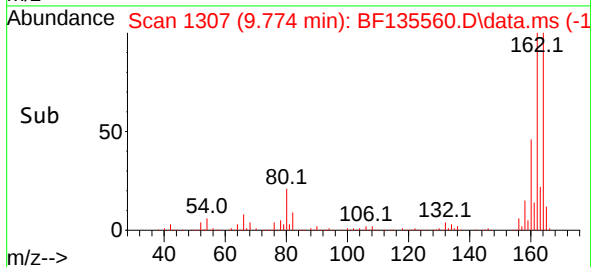
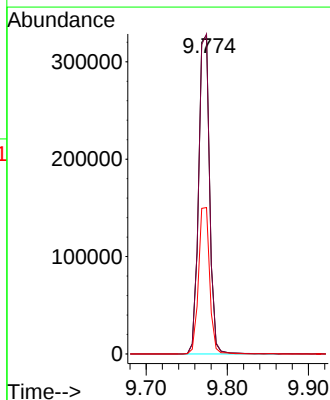
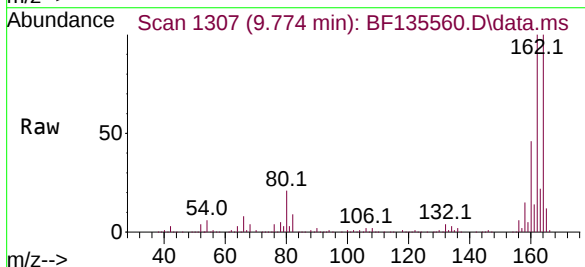
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

Tgt Ion: 82 Resp: 702855
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. -0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion:164 Resp: 308780
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 79.884 ng

RT: 10.568 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF135560.D

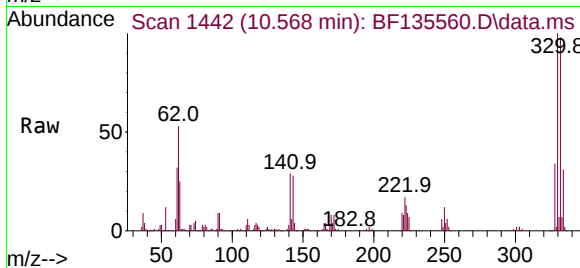
Acq: 04 Oct 2023 01:01

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-03



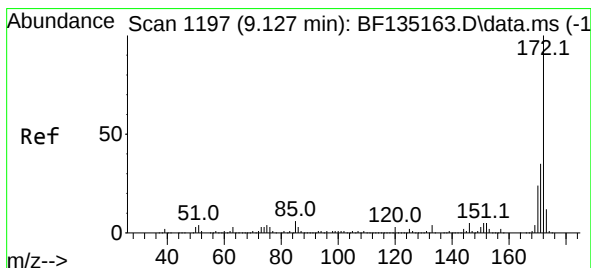
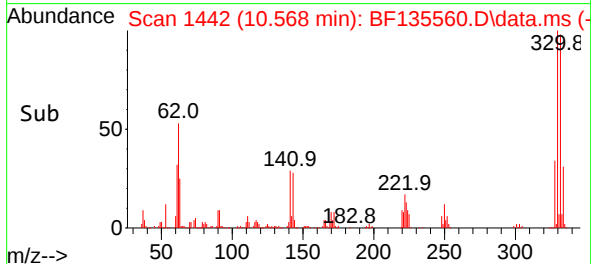
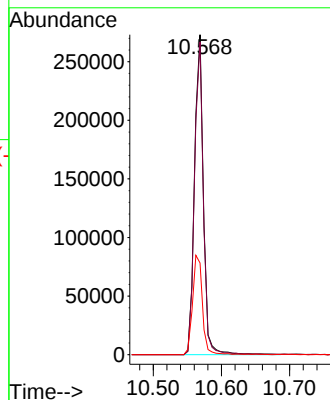
Tgt Ion:330 Resp: 245127

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

141 34.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 58.389 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135560.D

Acq: 04 Oct 2023 01:01

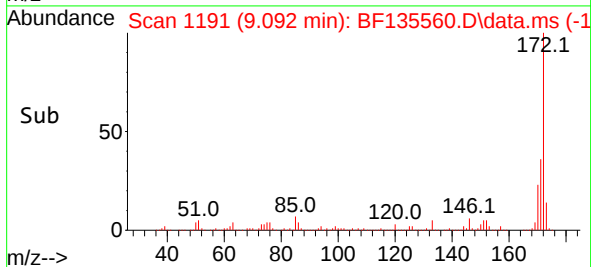
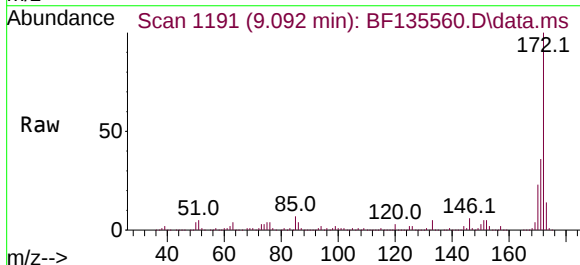
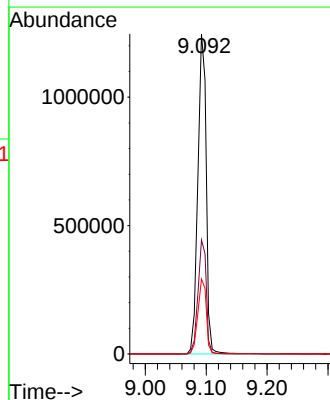
Tgt Ion:172 Resp: 1195002

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.4 19.0 28.4

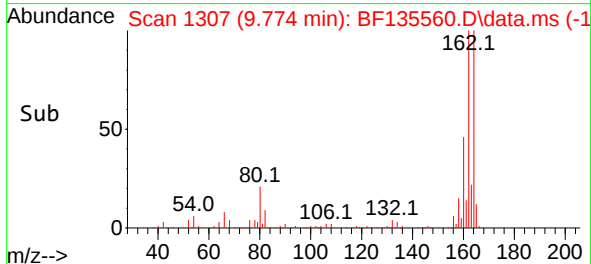
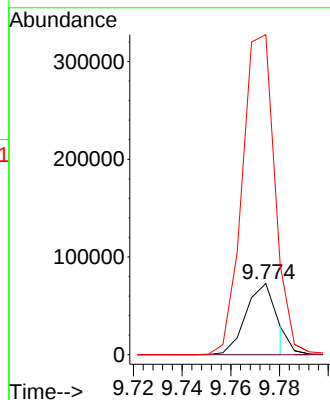
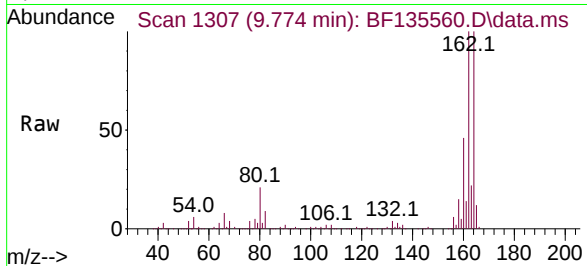




#50
Dimethylphthalate
Concen: 3.037 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

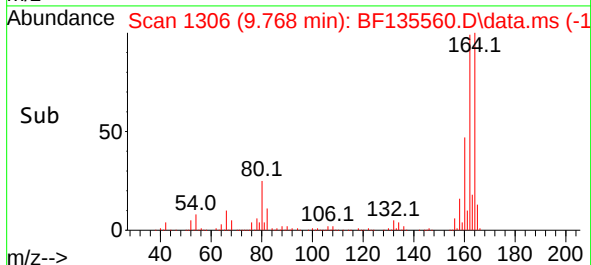
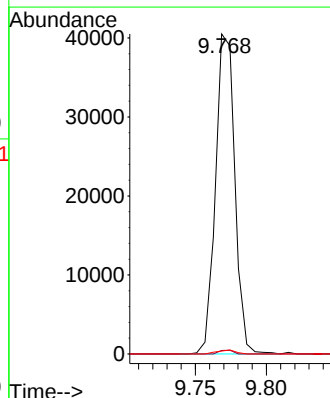
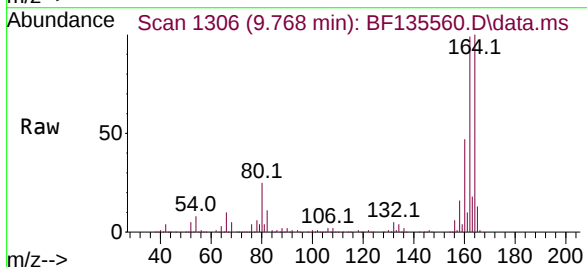
Instrument :
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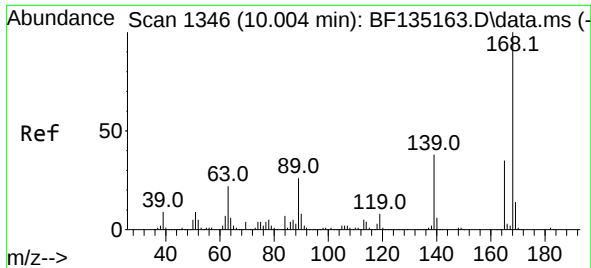
Tgt Ion:163 Resp: 63403
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 448.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.379 ng
RT: 9.768 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion:165 Resp: 38319
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 0.9 49.8 74.8#

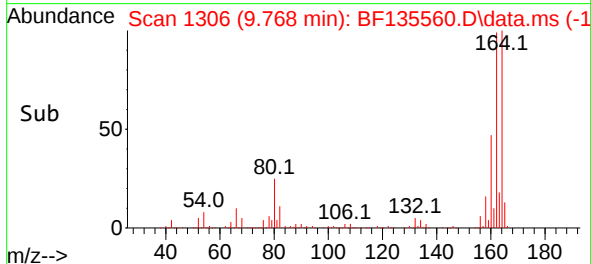
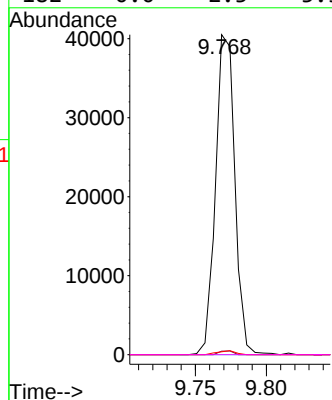
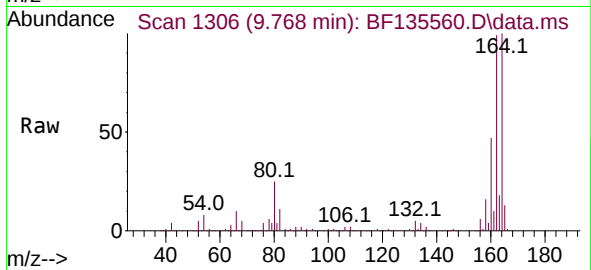




#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.768 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

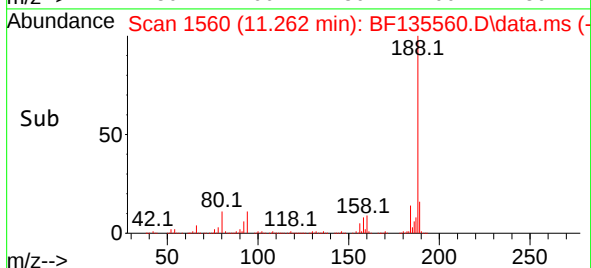
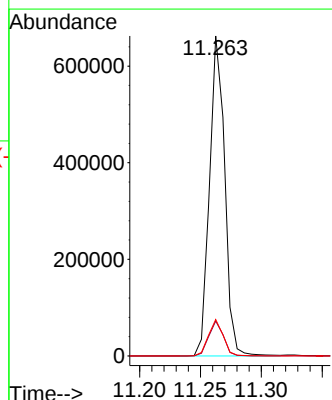
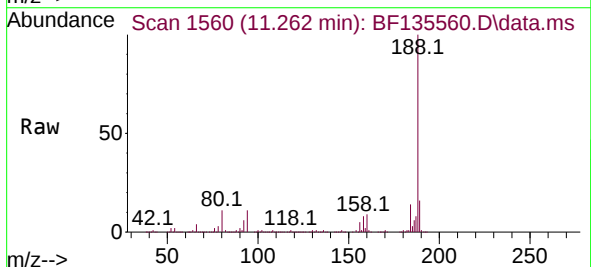
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ClientSampleId :
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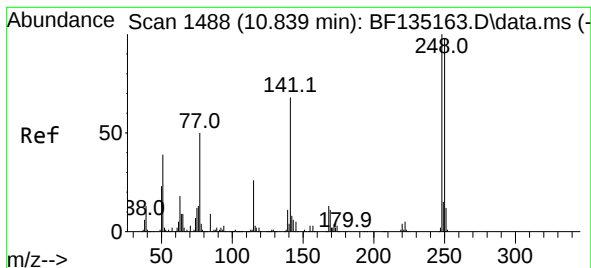
Tgt Ion:165 Resp: 38319
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 0.9 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.262 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion:188 Resp: 577147
Ion Ratio Lower Upper
188 100
94 10.9 7.0 10.6#
80 11.4 7.5 11.3#

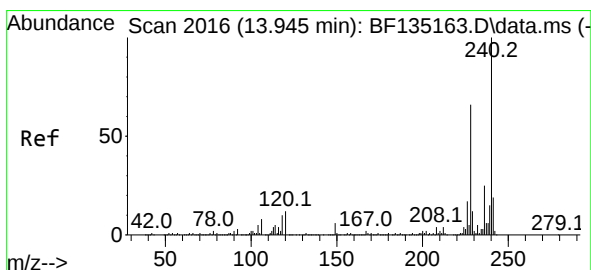
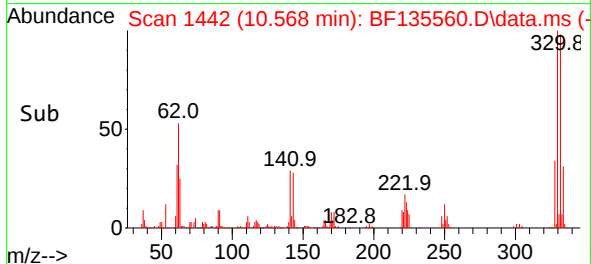
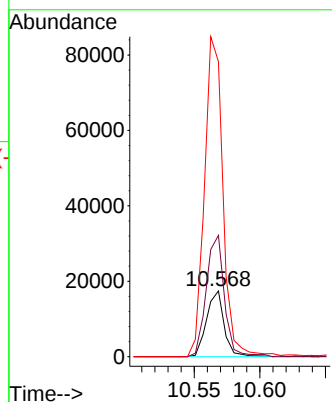
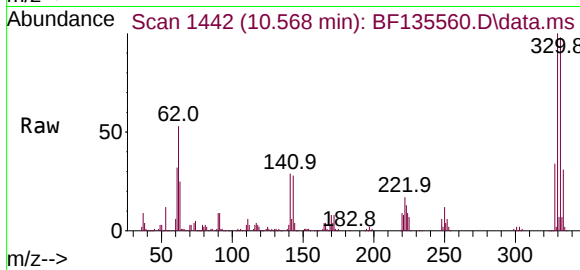




#67
4-Bromophenyl-phenylether
Concen: 2.827 ng
RT: 10.568 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

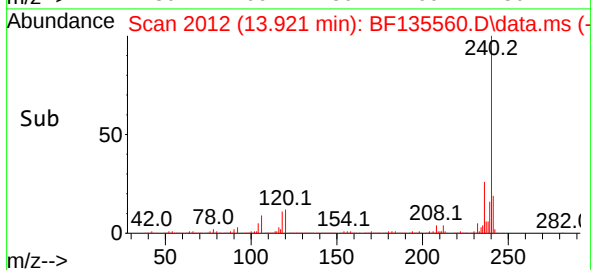
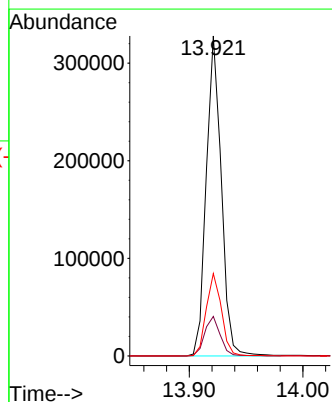
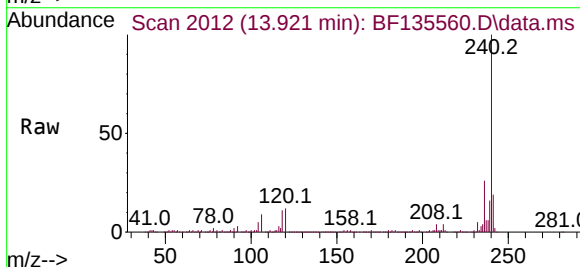
Instrument :
BNA_F
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280-300FB-BACKFILL-03

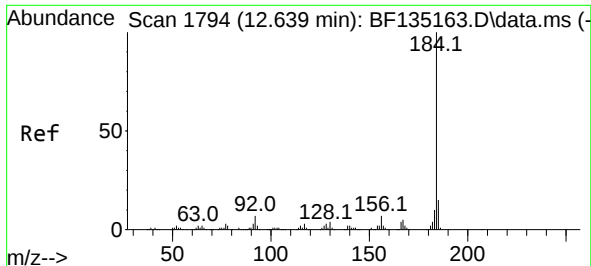
Tgt Ion:248 Resp: 16226
Ion Ratio Lower Upper
248 100
250 184.4 78.6 117.8#
141 448.6 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion:240 Resp: 300811
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.8 19.8 29.8

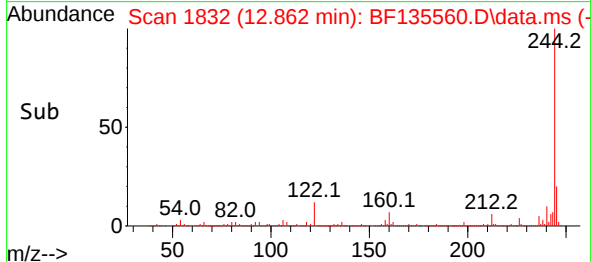
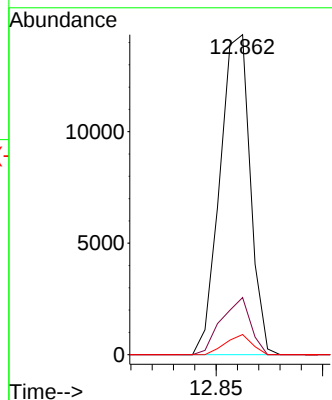
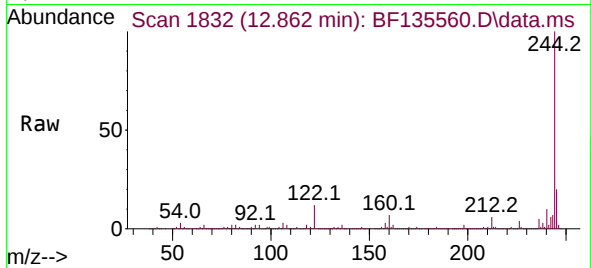




#77
Benzidine
Concen: 2.307 ng
RT: 12.862 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

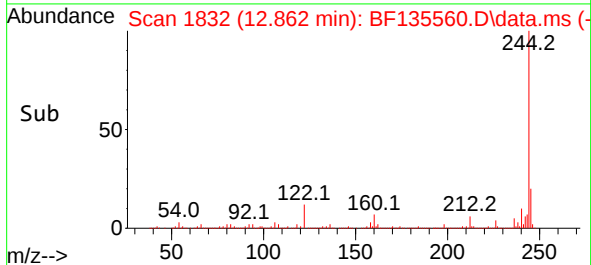
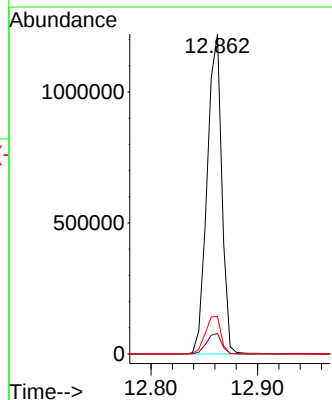
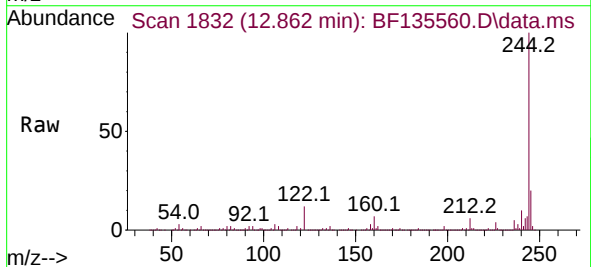
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

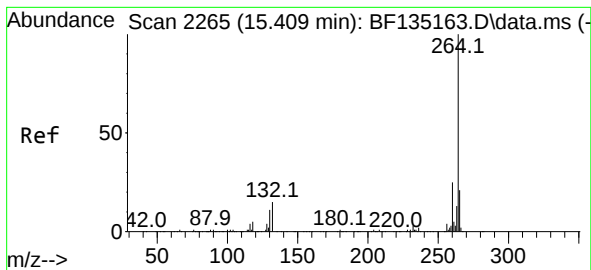
Tgt Ion:184 Resp: 14219
Ion Ratio Lower Upper
184 100
185 17.8 11.7 17.5#
183 6.3 8.2 12.4#



#79
Terphenyl-d14
Concen: 60.209 ng
RT: 12.862 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Tgt Ion:244 Resp: 1168336
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.8 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135560.D
Acq: 04 Oct 2023 01:01

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-03

Tgt Ion:264 Resp: 328546

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.5	17.0	25.4

