

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135547.D
 Acq On : 03 Oct 2023 18:04
 Operator : CG\JU
 Sample : 04627-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-01

Quant Time: Oct 04 07:11:14 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)

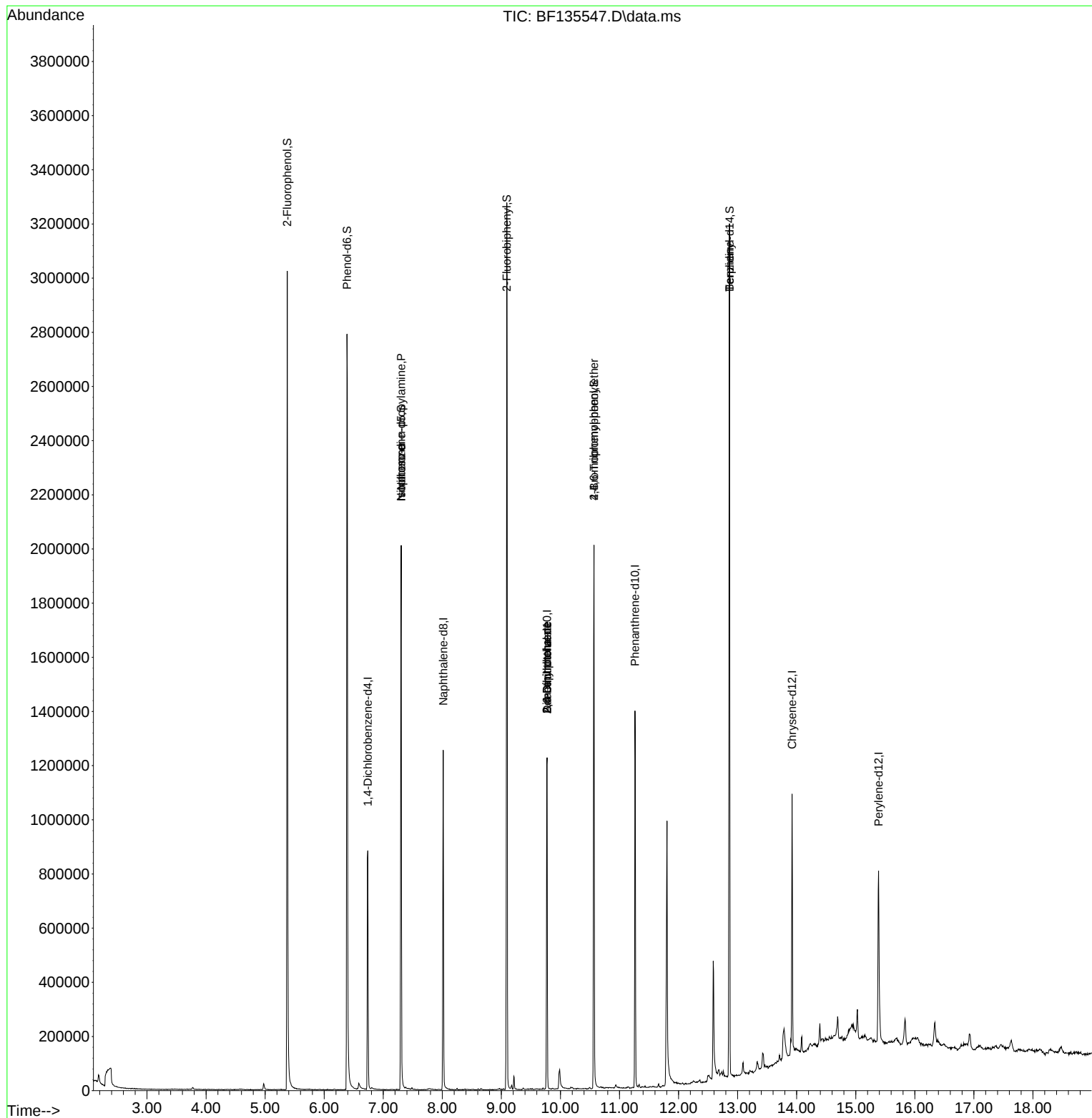
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	141597	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	536070	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	267511	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	509860	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	311497	20.000	ng	0.00
86) Perylene-d12	15.386	264	279685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	824159	94.667	ng	0.00
7) Phenol-d6	6.386	99	1015763	91.758	ng	0.00
23) Nitrobenzene-d5	7.304	82	621298	62.967	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	227670	85.641	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1059596	59.760	ng	0.00
79) Terphenyl-d14	12.863	244	1089620	54.226	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	81569	11.896	ng	# 80
25) Isophorone	7.304	82	621292	34.291	ng	# 65
50) Dimethylphthalate	9.775	163	53684	2.968	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	33972	8.574	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	33972	6.849	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	14610	2.881	ng	# 1
77) Benzidine	12.863	184	13887	2.176	ng	# 95

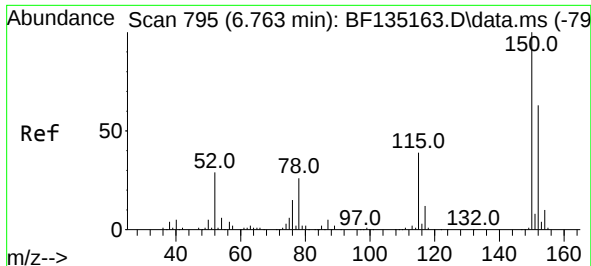
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
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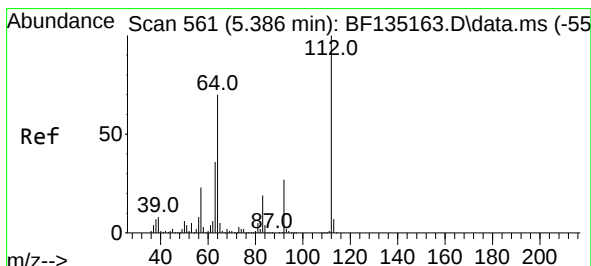
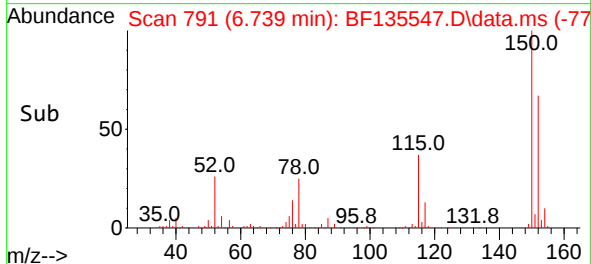
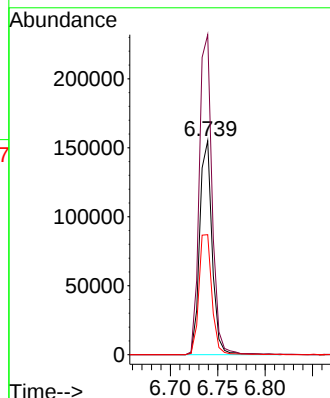
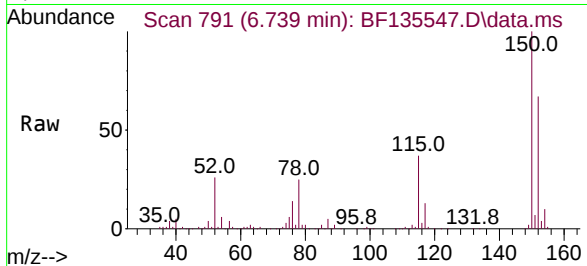




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

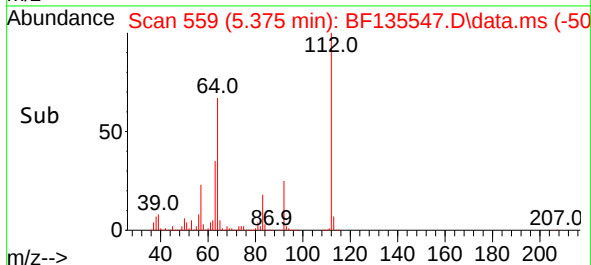
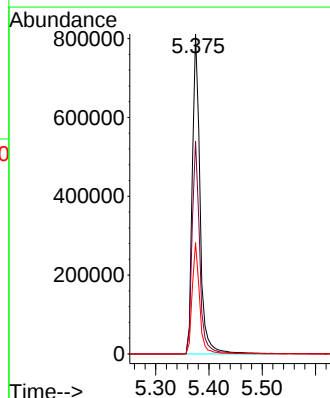
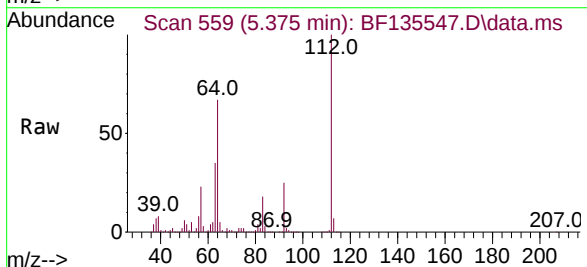
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

Tgt Ion:152 Resp: 141597
Ion Ratio Lower Upper
152 100
150 149.5 127.8 191.6
115 56.0 49.8 74.8



#5
2-Fluorophenol
Concen: 94.667 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion:112 Resp: 824159
Ion Ratio Lower Upper
112 100
64 66.5 55.9 83.9
63 34.8 29.0 43.6

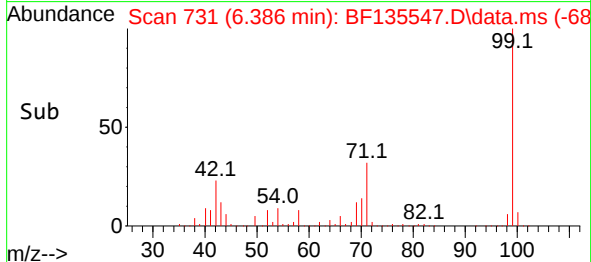
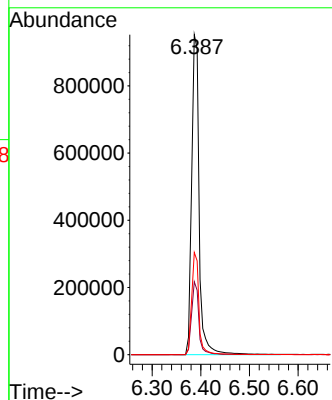
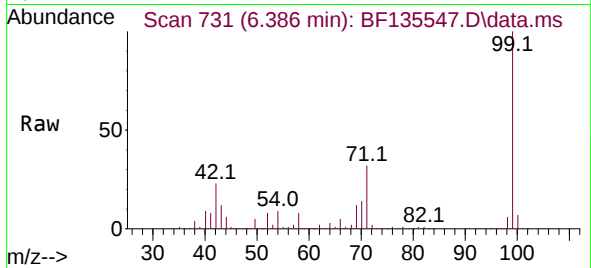




#7
Phenol-d6
Concen: 91.758 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

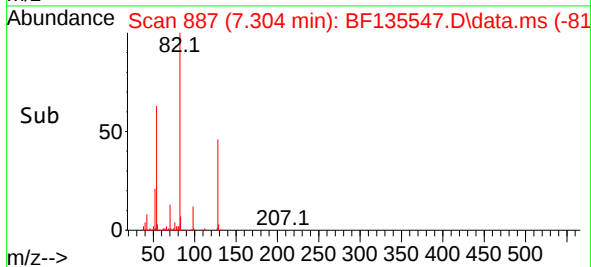
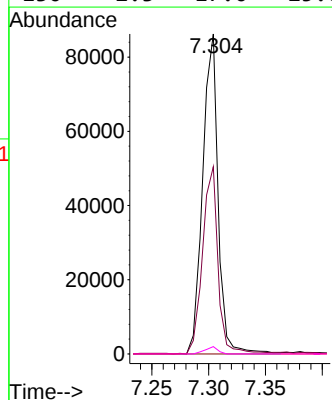
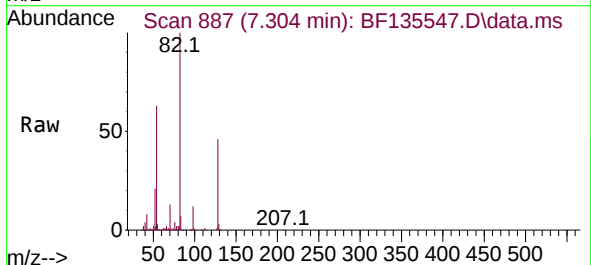
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

Tgt Ion: 99 Resp: 1015763
Ion Ratio Lower Upper
99 100
42 22.8 17.9 26.9
71 31.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.896 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion: 70 Resp: 81569
Ion Ratio Lower Upper
70 100
42 58.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

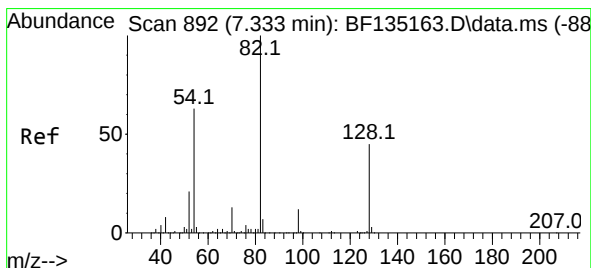
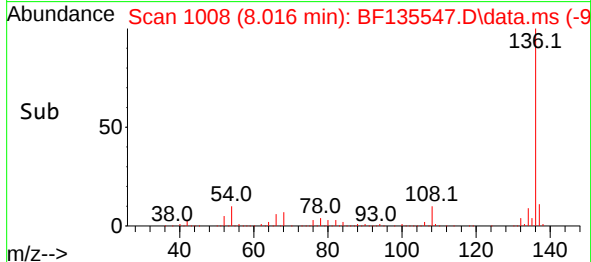
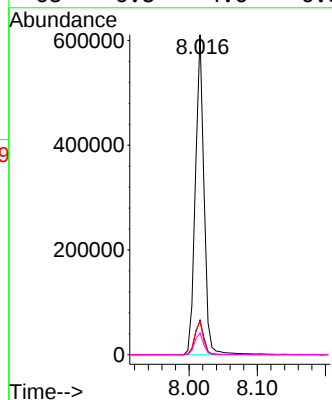
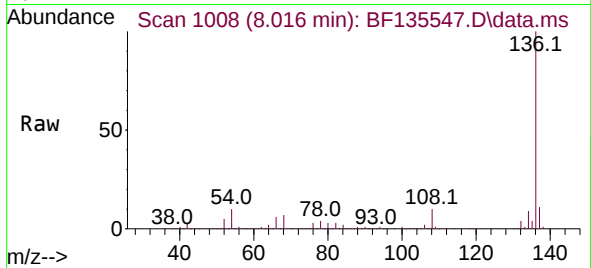




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

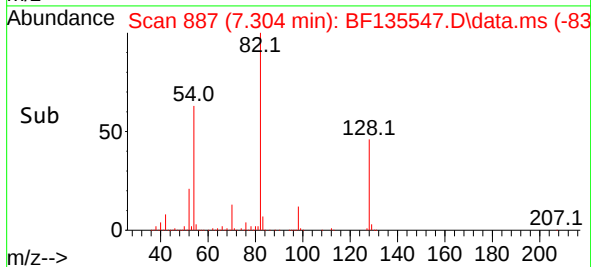
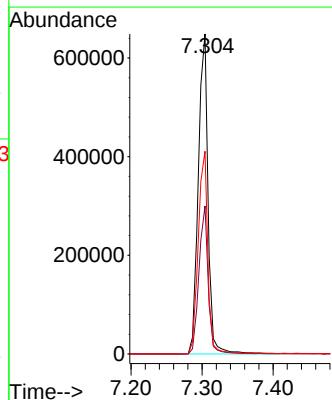
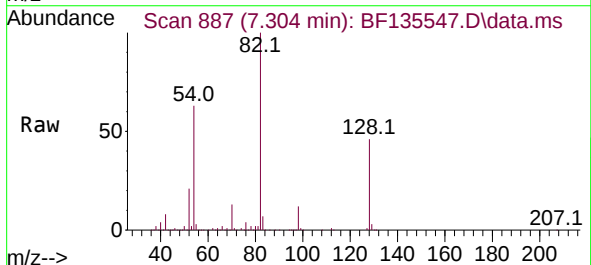
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

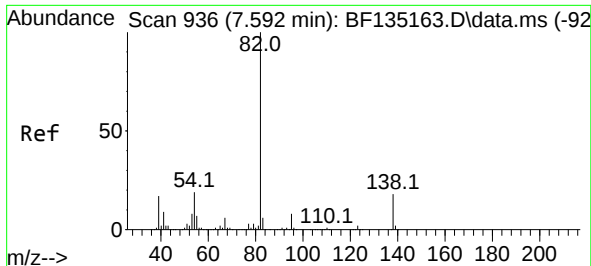
Tgt Ion:136 Resp: 536070
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.4 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 62.967 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion: 82 Resp: 621298
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.6
54 63.4 50.6 76.0

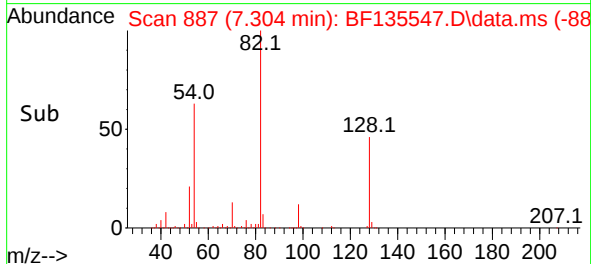
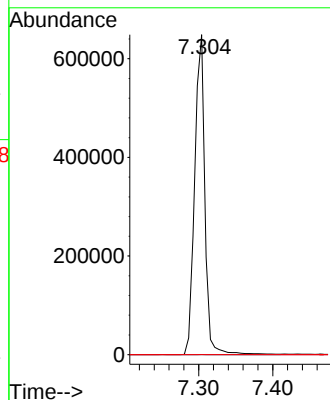
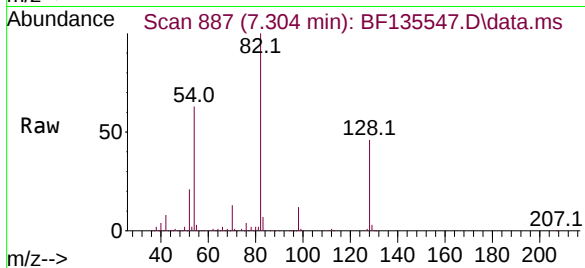




#25
Isophorone
Concen: 34.291 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

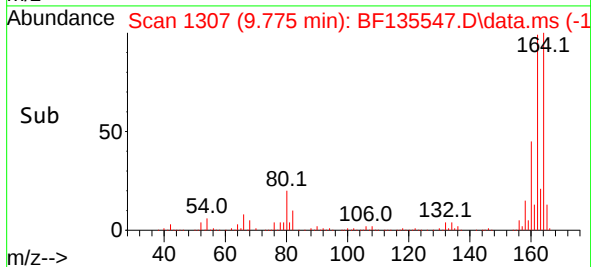
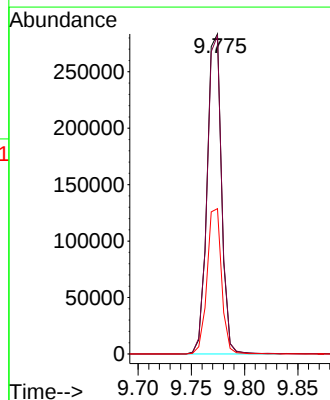
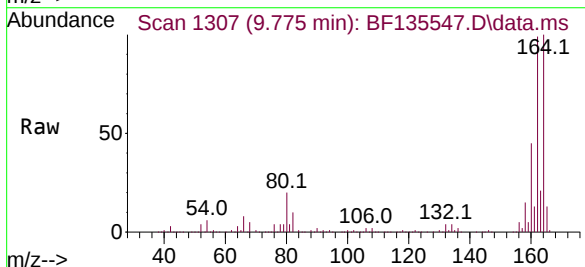
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

Tgt Ion: 82 Resp: 621292
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: 9.775 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion:164 Resp: 267511
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 45.4 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 85.641 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF135547.D

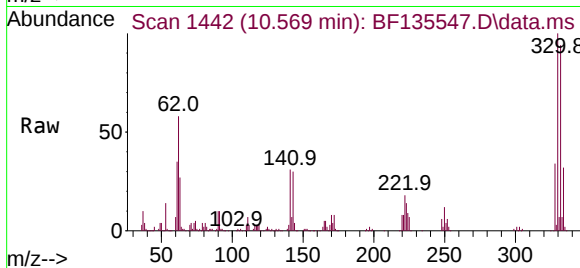
Acq: 03 Oct 2023 18:04

Instrument :

BNA_F

ClientSampleId :

280-300FB-BACKFILL-01



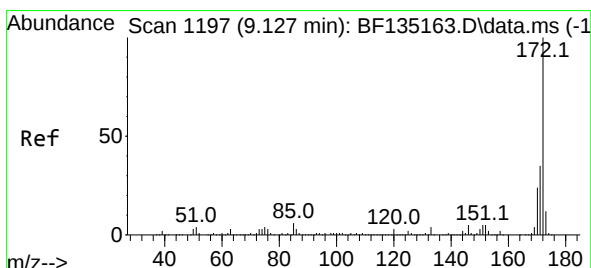
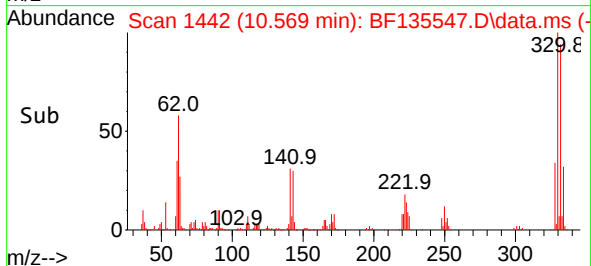
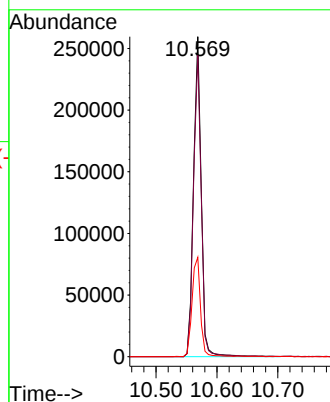
Tgt Ion:330 Resp: 227670

Ion Ratio Lower Upper

330 100

332 94.4 77.3 115.9

141 34.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.760 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135547.D

Acq: 03 Oct 2023 18:04

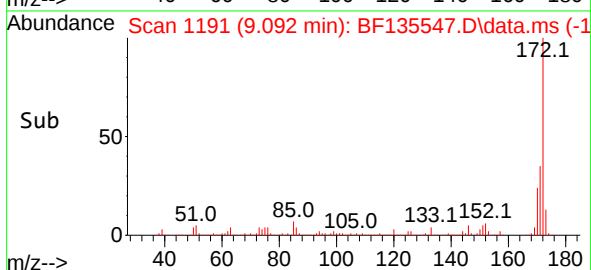
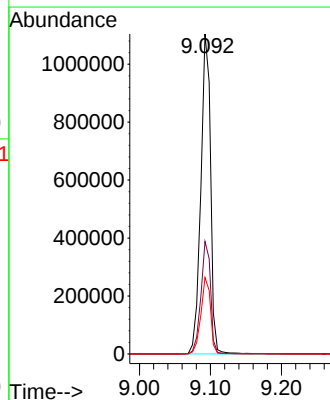
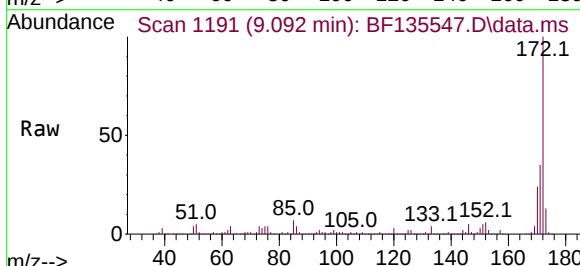
Tgt Ion:172 Resp: 1059596

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.9 19.0 28.4

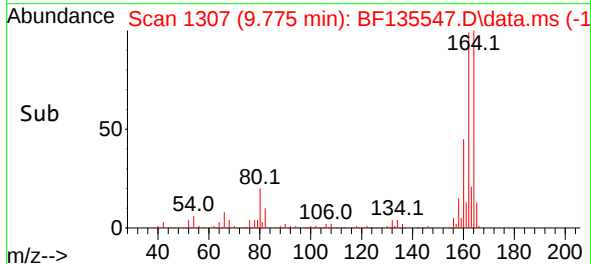
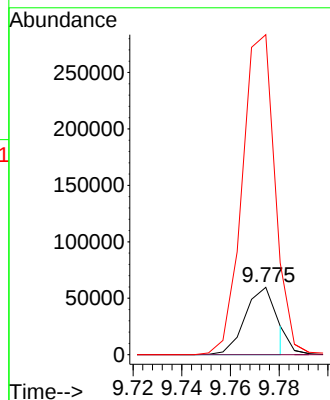
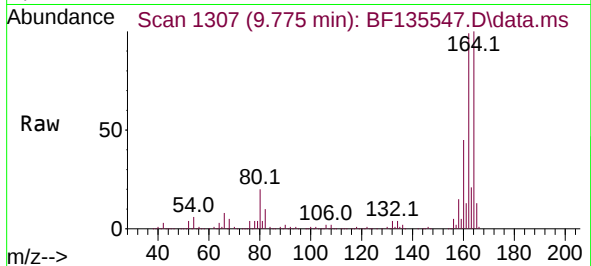




#50
Dimethylphthalate
Concen: 2.968 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

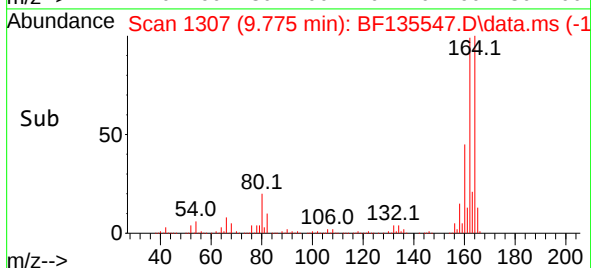
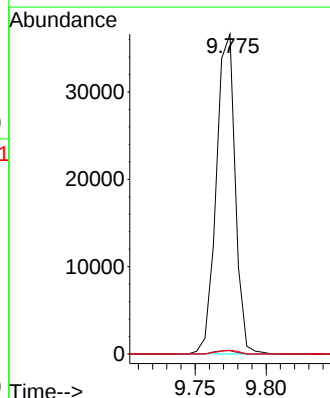
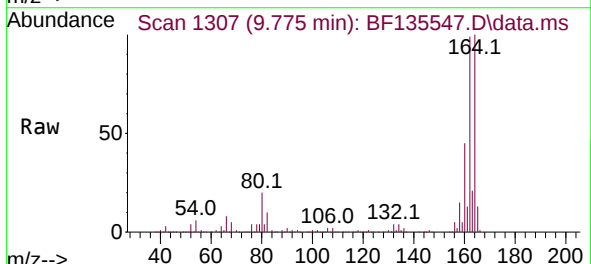
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

Tgt Ion:163 Resp: 53684
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 474.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.574 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion:165 Resp: 33972
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.2#
89 1.2 49.8 74.8#

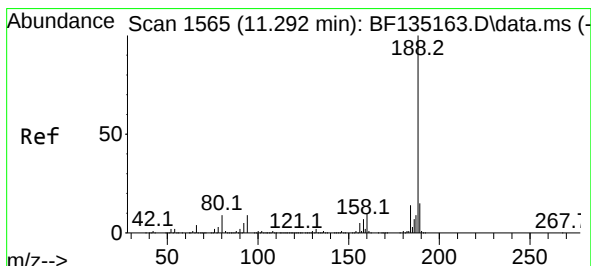
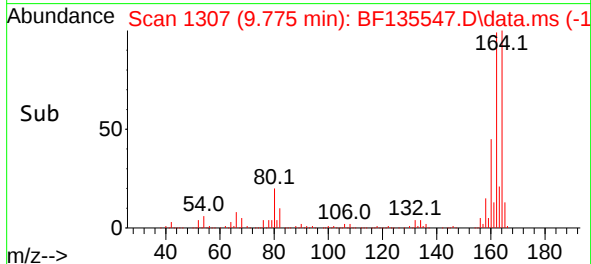
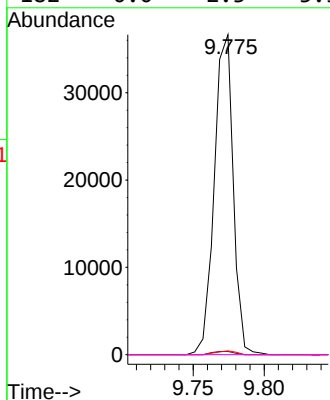
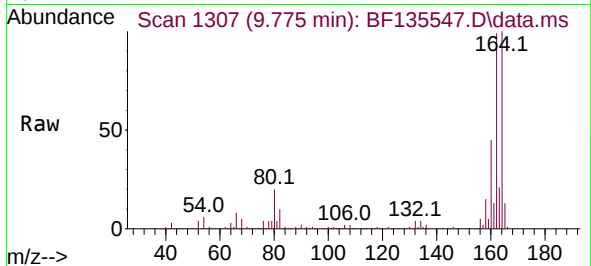




#57
2,4-Dinitrotoluene
Concen: 6.849 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

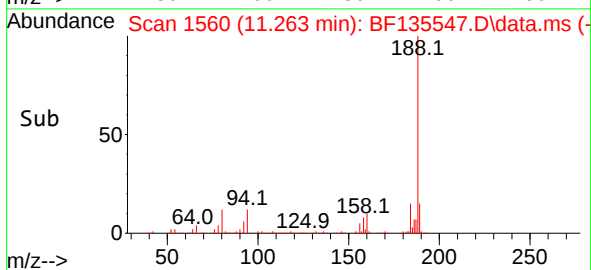
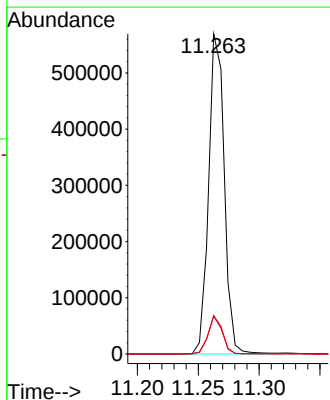
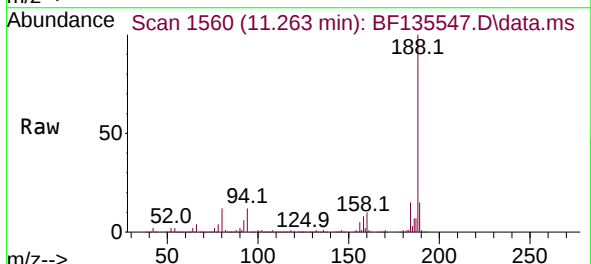
Instrument :
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ClientSampleId :
280-300FB-BACKFILL-01

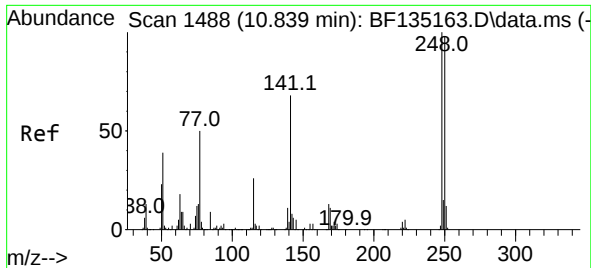
Tgt Ion:	165	Resp:	33972
Ion Ratio	Lower	Upper	
165	100		
63	1.0	50.1	75.1#
89	1.2	59.3	88.9#
182	0.0	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion:	188	Resp:	509860
Ion Ratio	Lower	Upper	
188	100		
94	11.8	7.0	10.6#
80	12.0	7.5	11.3#

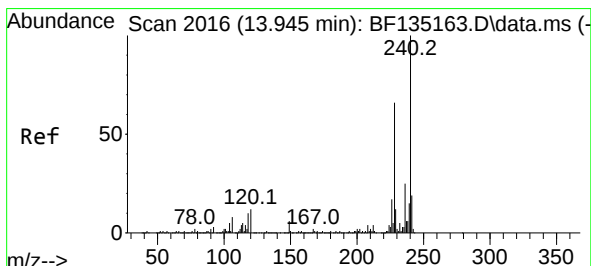
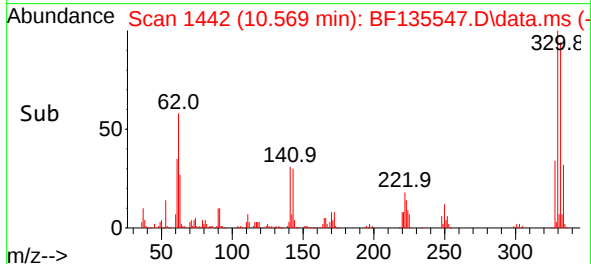
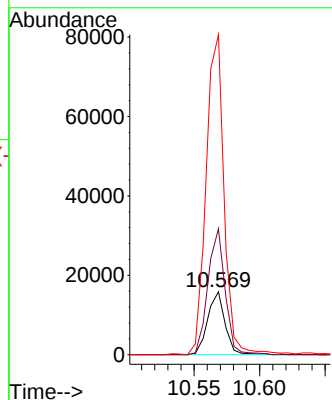
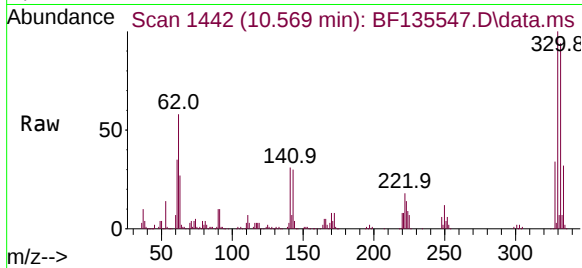




#67
4-Bromophenyl-phenylether
Concen: 2.881 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

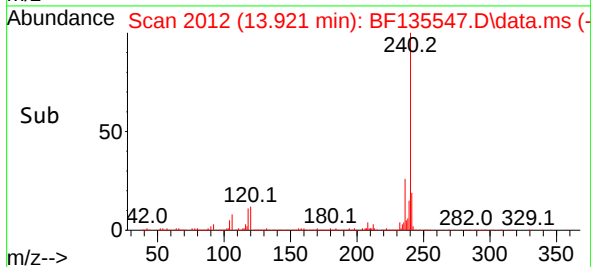
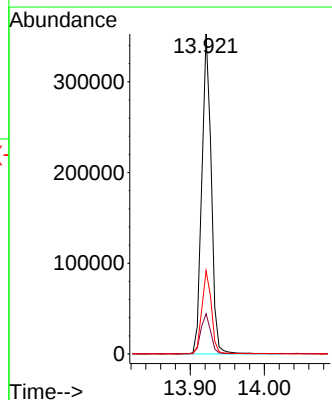
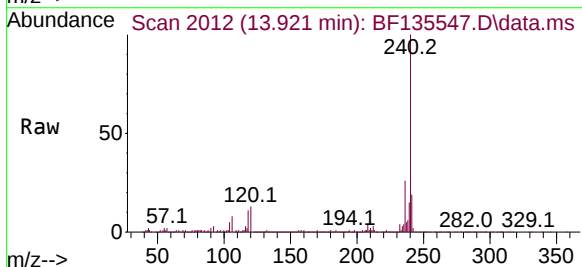
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

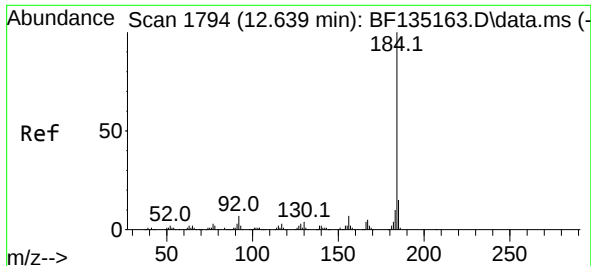
Tgt Ion:248 Resp: 14610
Ion Ratio Lower Upper
248 100
250 200.3 78.6 117.8#
141 508.8 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Tgt Ion:240 Resp: 311497
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 26.0 19.8 29.8

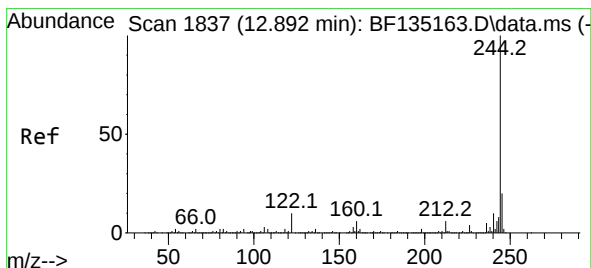
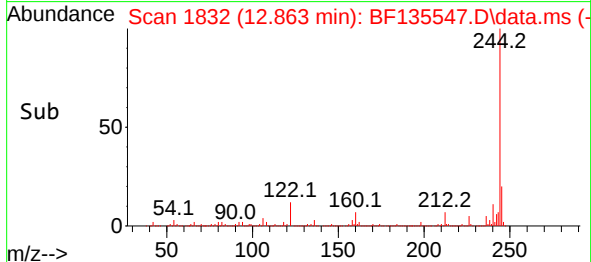
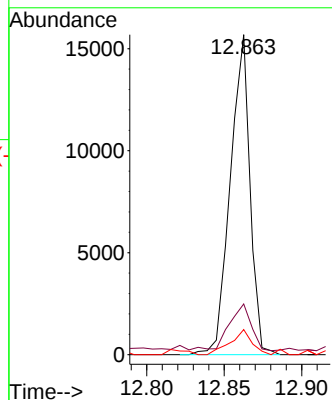
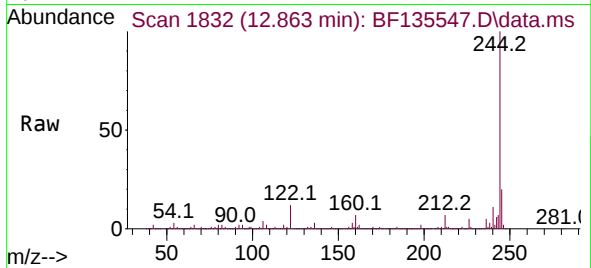




#77
Benzidine
Concen: 2.176 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

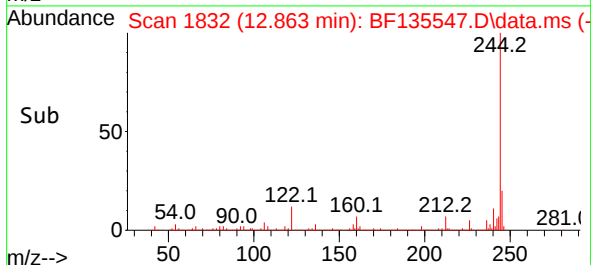
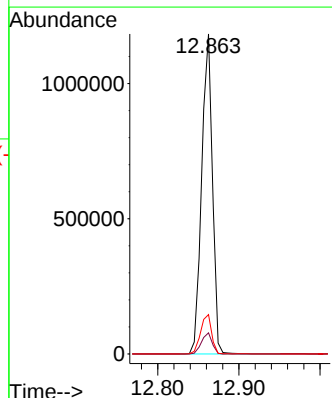
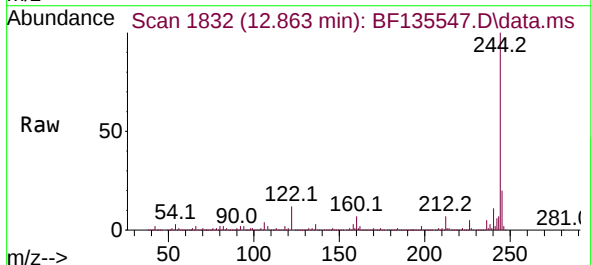
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01

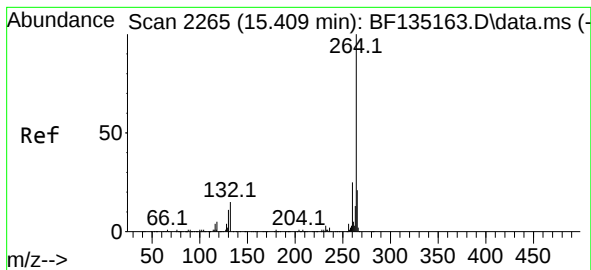
Tgt Ion:184 Resp: 13887
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 7.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 54.226 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

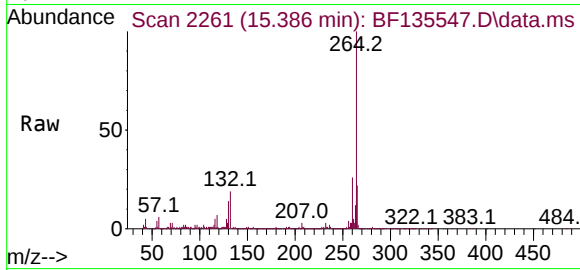
Tgt Ion:244 Resp: 1089620
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 12.3 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135547.D
Acq: 03 Oct 2023 18:04

Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-01



Tgt Ion:264 Resp: 279685

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.6
265	22.5	17.0	25.4

