

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100323\
 Data File : BF135548.D
 Acq On : 03 Oct 2023 18:36
 Operator : CG\JU
 Sample : 04627-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-02

Quant Time: Oct 04 07:11:34 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)

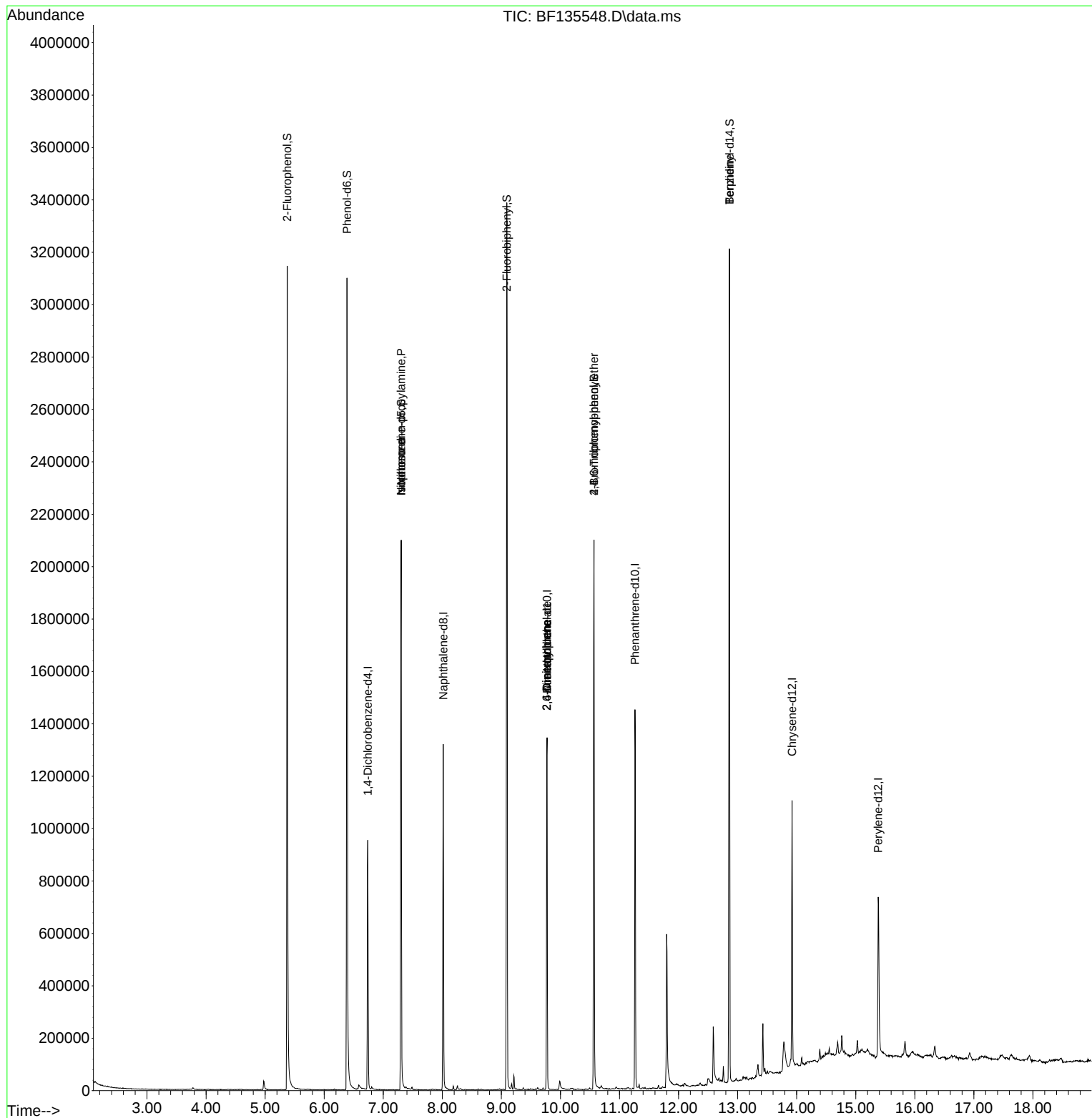
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	146226	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	558603	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	276294	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	531726	20.000	ng	# 0.00
76) Chrysene-d12	13.921	240	321284	20.000	ng	0.00
86) Perylene-d12	15.380	264	292475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	861496	95.823	ng	0.00
7) Phenol-d6	6.386	99	1070602	93.650	ng	0.00
23) Nitrobenzene-d5	7.304	82	647503	62.976	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	241854	88.085	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1123119	61.329	ng	0.00
79) Terphenyl-d14	12.863	244	1170452	56.474	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	83940	11.854	ng	# 81
25) Isophorone	7.304	82	647494	34.295	ng	# 65
50) Dimethylphthalate	9.774	163	57330	3.069	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	36137	8.831	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	36137	7.054	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	15369	2.906	ng	# 1
77) Benzidine	12.863	184	15057	2.288	ng	# 94

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

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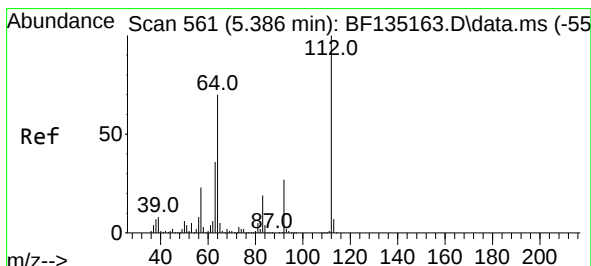
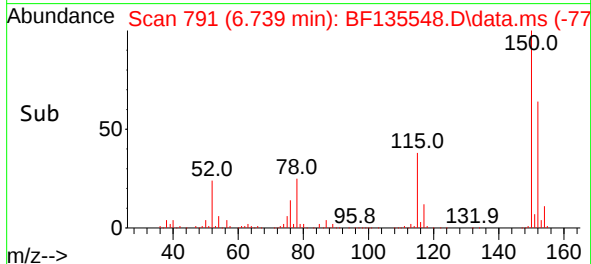
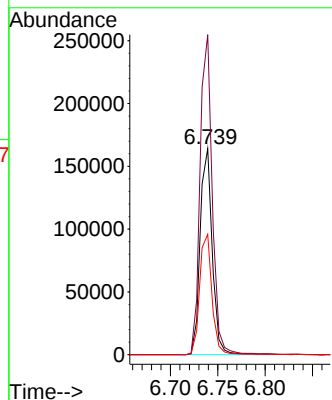
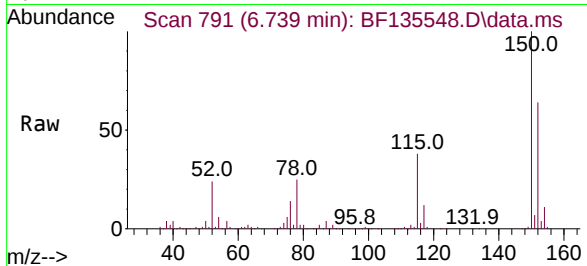




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

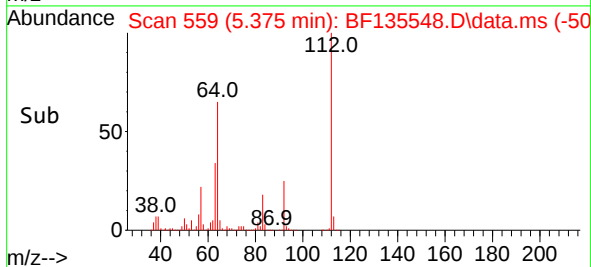
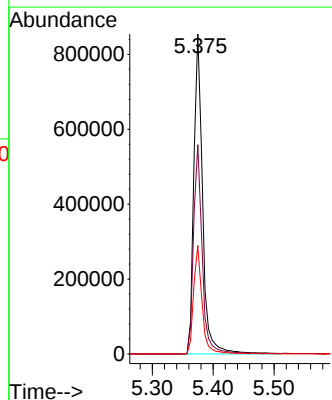
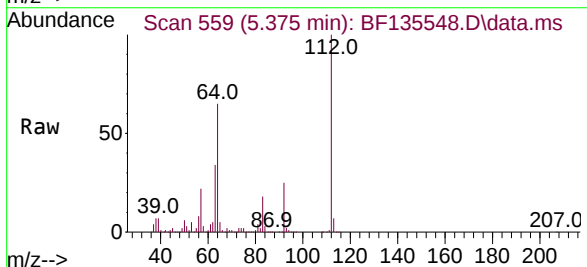
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

Tgt Ion:152 Resp: 146226
Ion Ratio Lower Upper
152 100
150 155.3 127.8 191.6
115 58.4 49.8 74.8



#5
2-Fluorophenol
Concen: 95.823 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:112 Resp: 861496
Ion Ratio Lower Upper
112 100
64 65.4 55.9 83.9
63 33.9 29.0 43.6

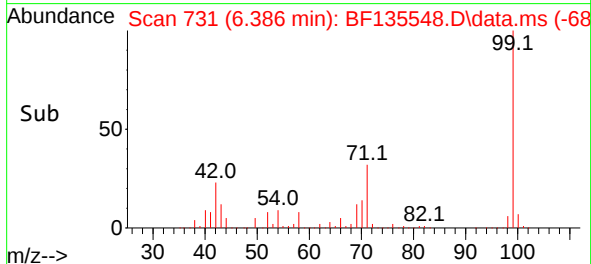
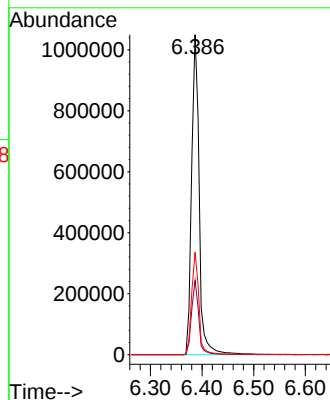
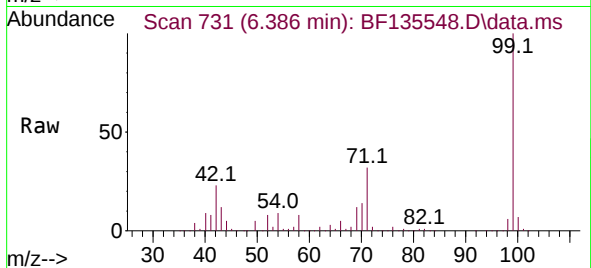




#7
Phenol-d6
Concen: 93.650 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

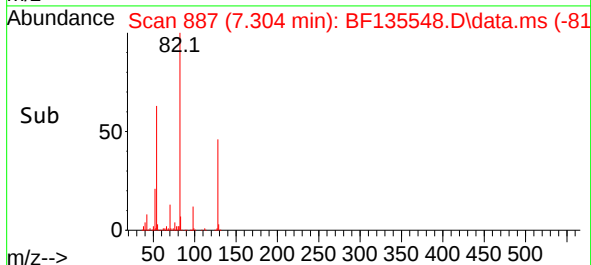
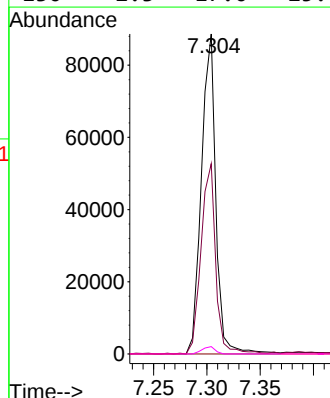
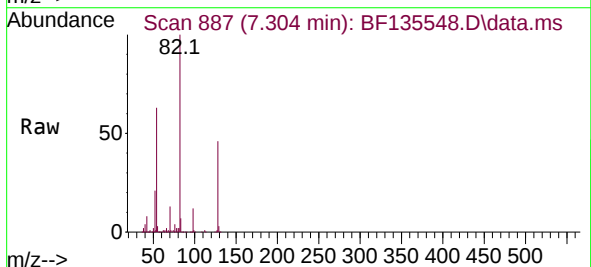
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

Tgt Ion: 99 Resp: 1070602
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 32.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.854 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion: 70 Resp: 83940
Ion Ratio Lower Upper
70 100
42 59.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

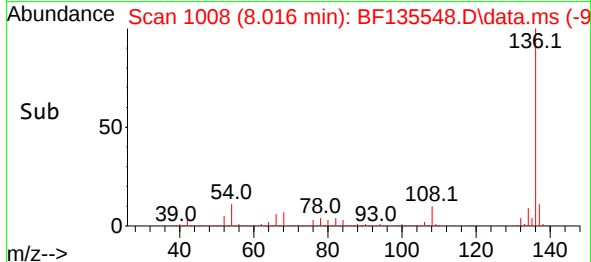
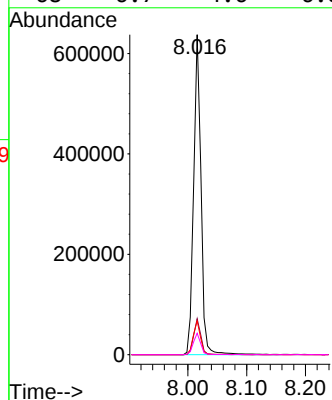
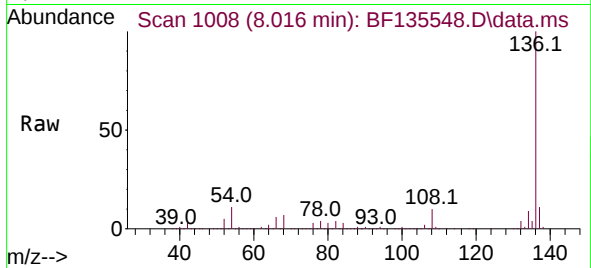




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

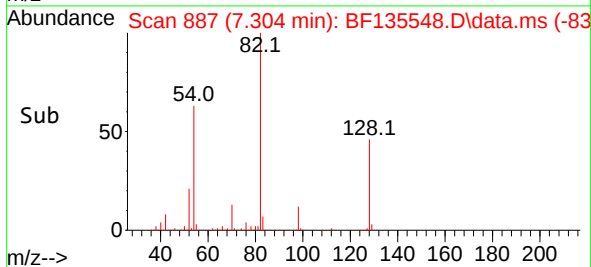
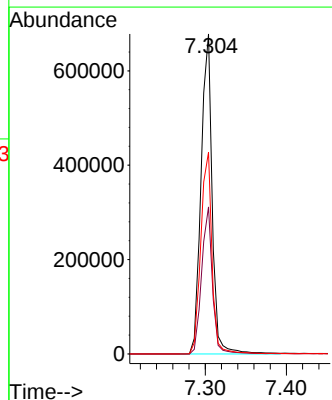
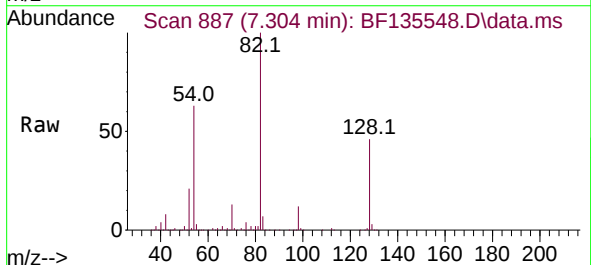
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

Tgt Ion:136 Resp: 558603
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 10.6 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 62.976 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion: 82 Resp: 647503
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 63.1 50.6 76.0

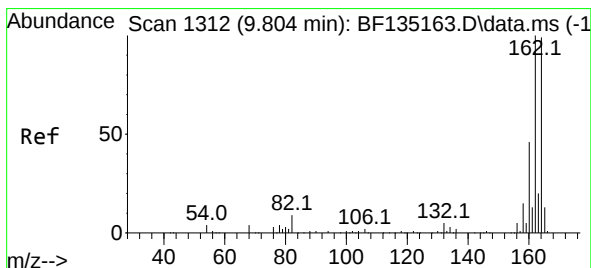
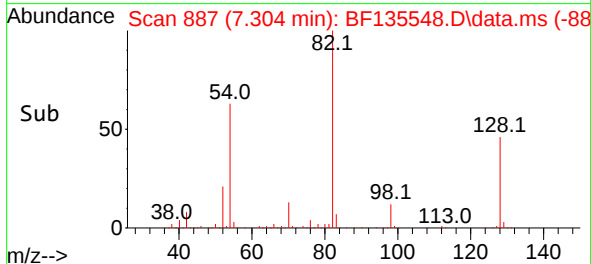
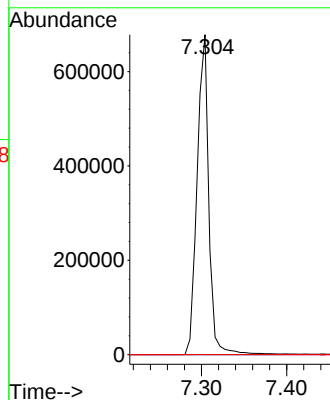
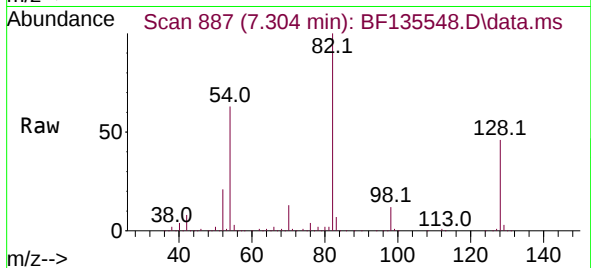




#25
Isophorone
Concen: 34.295 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

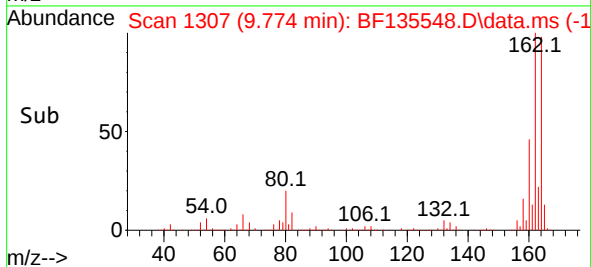
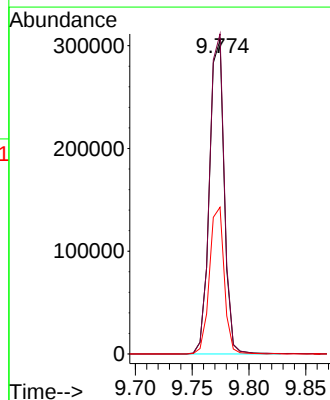
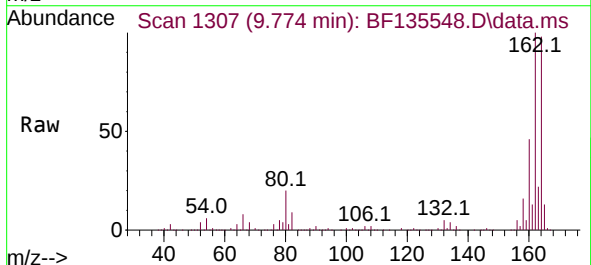
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

Tgt Ion: 82 Resp: 647494
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: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:164 Resp: 276294
Ion Ratio Lower Upper
164 100
162 101.9 81.0 121.4
160 46.7 37.0 55.4

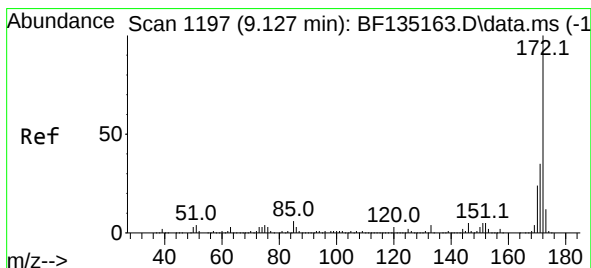
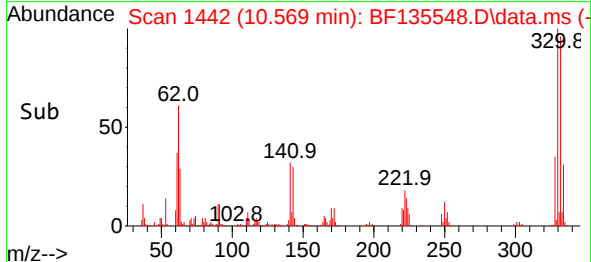
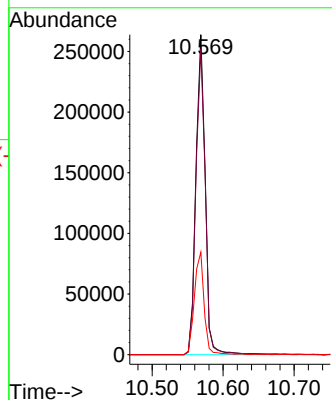
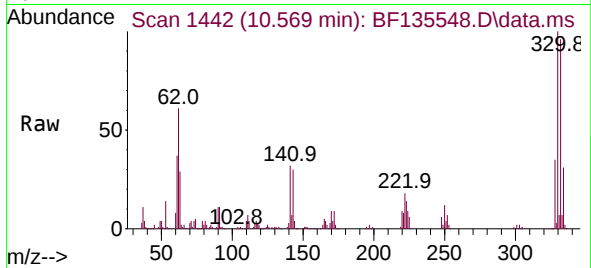




#42
2,4,6-Tribromophenol
Concen: 88.085 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

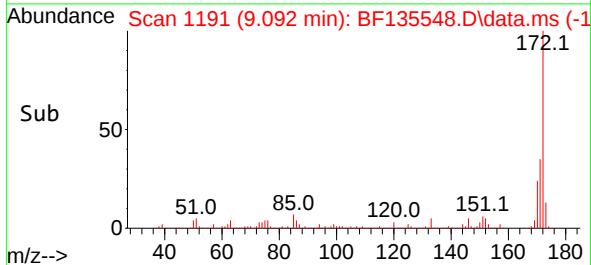
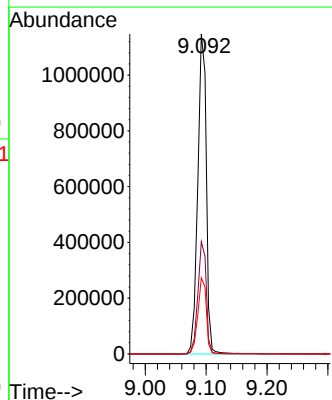
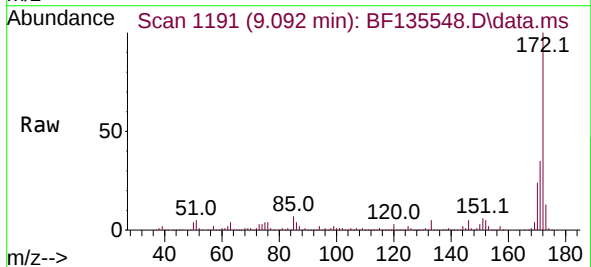
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

Tgt Ion:330 Resp: 241854
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 33.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 61.329 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:172 Resp: 1123119
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.8 19.0 28.4

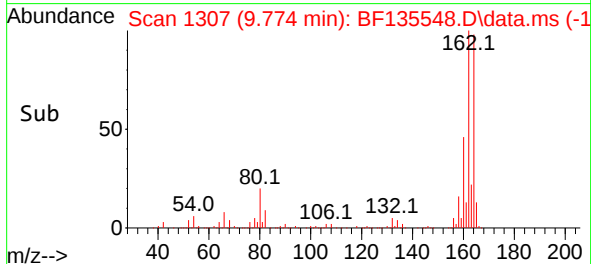
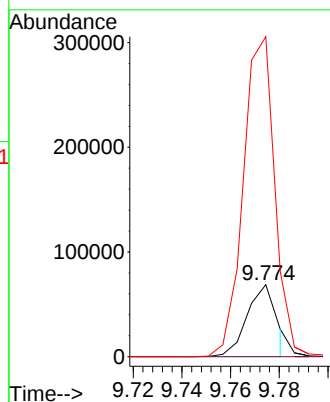
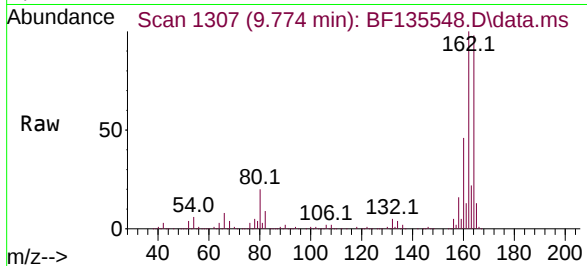




#50
Dimethylphthalate
Concen: 3.069 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.270 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

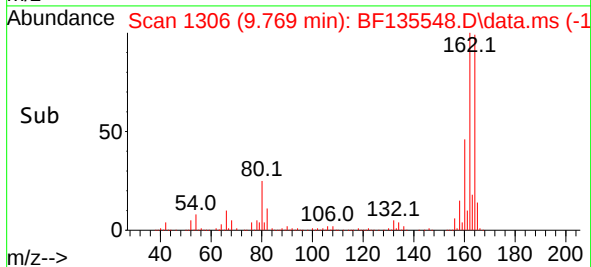
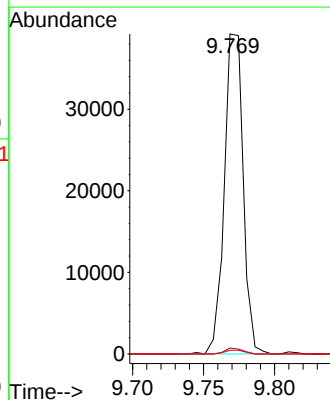
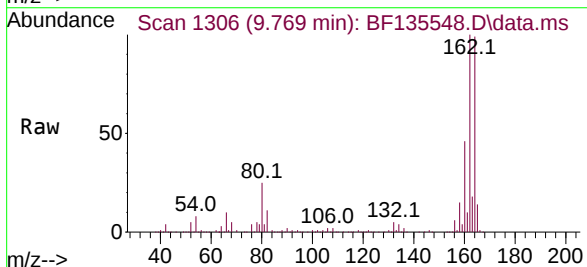
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

Tgt Ion:163 Resp: 57330
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 444.0 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.831 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:165 Resp: 36137
Ion Ratio Lower Upper
165 100
63 1.8 59.4 89.2#
89 1.1 49.8 74.8#

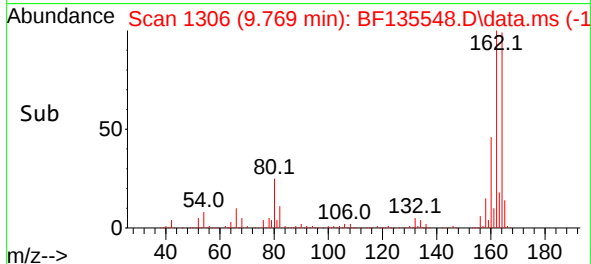
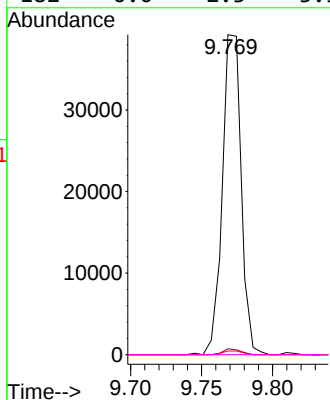
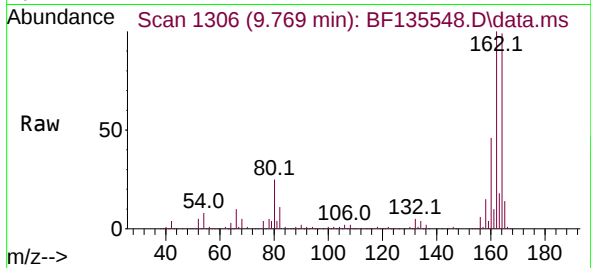




#57
2,4-Dinitrotoluene
Concen: 7.054 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

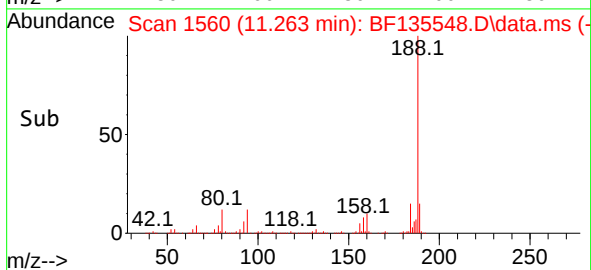
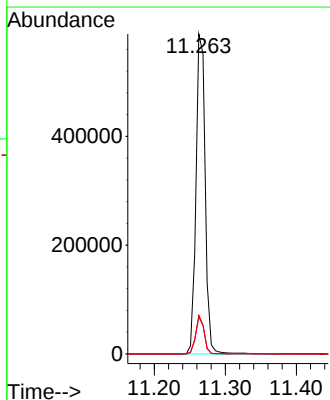
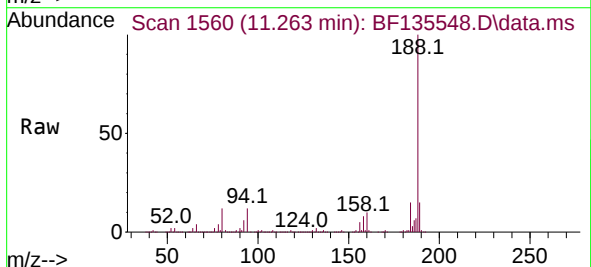
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

Tgt Ion:165	Resp:	36137
Ion Ratio	Lower	Upper
165	100	
63	1.8	50.1 75.1#
89	1.1	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: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:188	Resp:	531726
Ion Ratio	Lower	Upper
188	100	
94	11.6	7.0 10.6#
80	12.1	7.5 11.3#

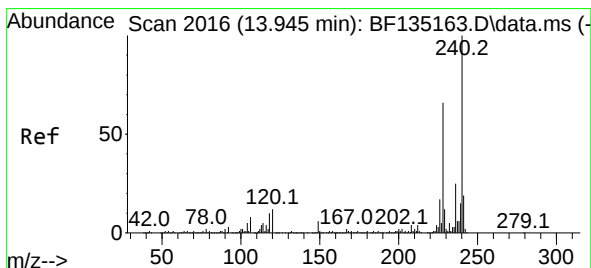
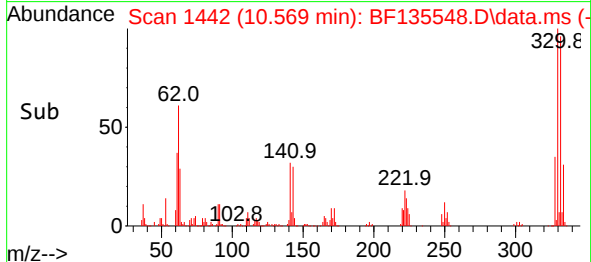
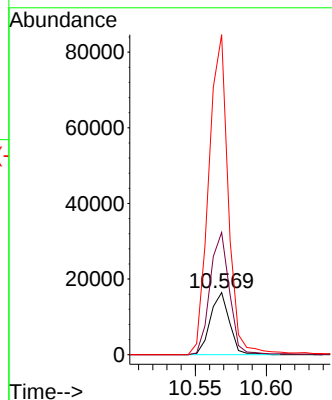
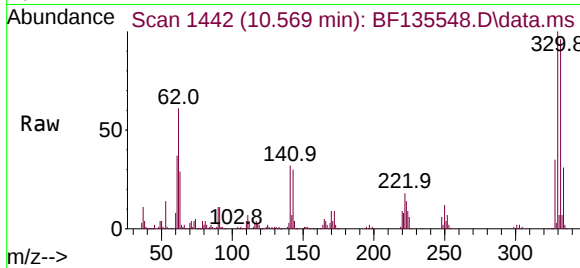




#67
4-Bromophenyl-phenylether
Concen: 2.906 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

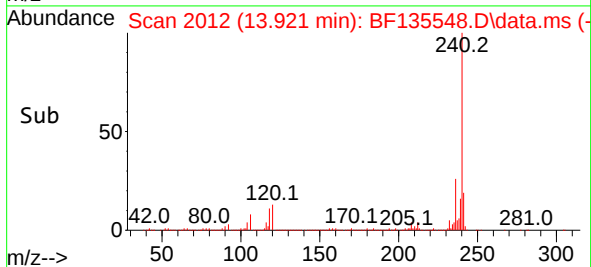
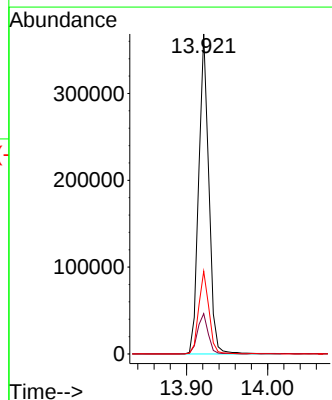
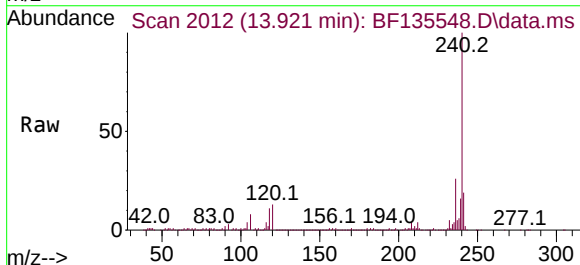
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

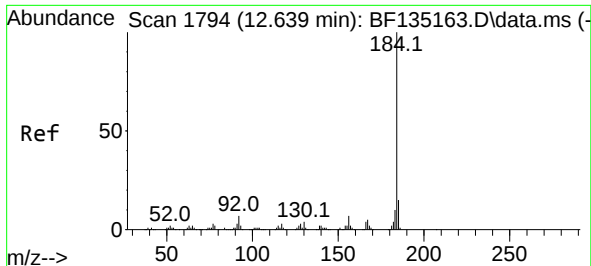
Tgt Ion:248 Resp: 15369
Ion Ratio Lower Upper
248 100
250 196.8 78.6 117.8#
141 515.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:240 Resp: 321284
Ion Ratio Lower Upper
240 100
120 12.6 9.4 14.2
236 25.9 19.8 29.8

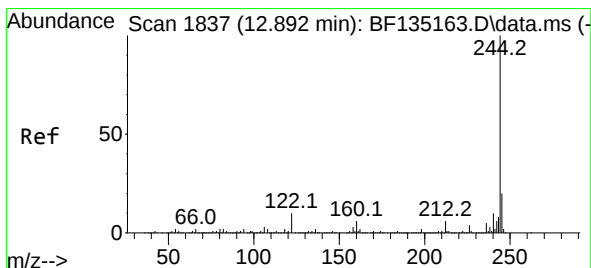
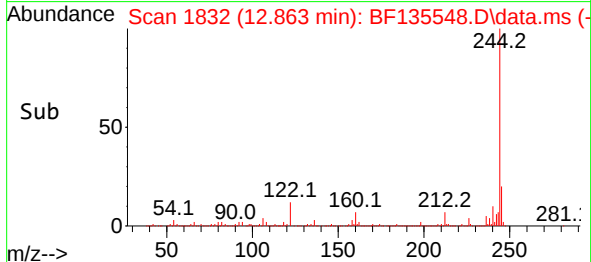
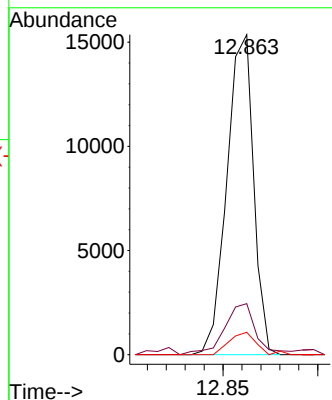
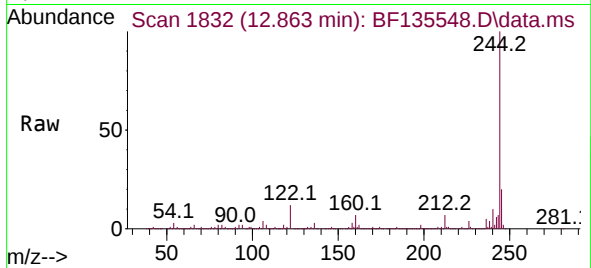




#77
Benzidine
Concen: 2.288 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

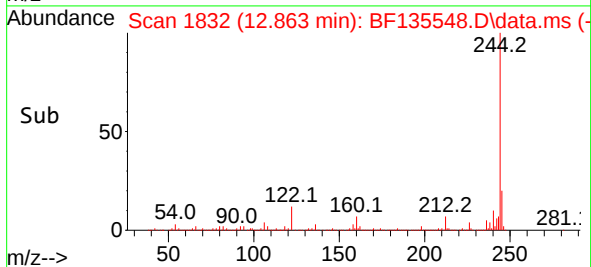
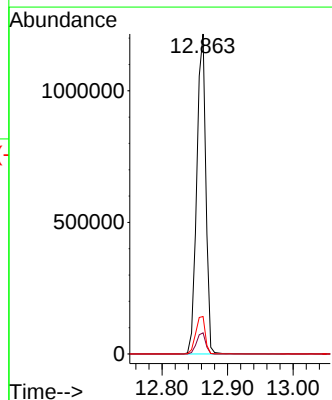
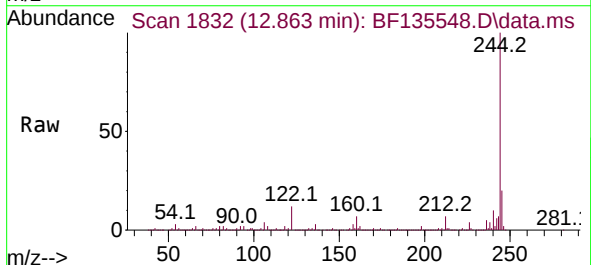
Instrument :
BNA_F
ClientSampleId :
280-300FB-BACKFILL-02

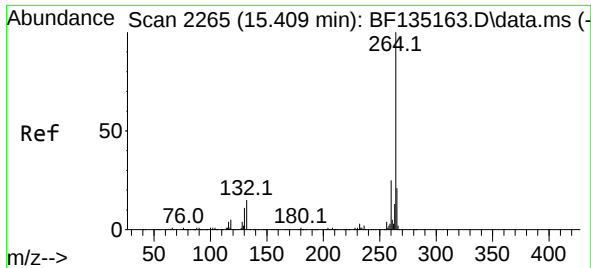
Tgt Ion:184 Resp: 15057
Ion Ratio Lower Upper
184 100
185 16.0 11.7 17.5
183 7.0 8.2 12.4#



#79
Terphenyl-d14
Concen: 56.474 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF135548.D
Acq: 03 Oct 2023 18:36

Tgt Ion:244 Resp: 1170452
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.7 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135548.D
 Acq: 03 Oct 2023 18:36

Instrument :
 BNA_F
 ClientSampleId :
 280-300FB-BACKFILL-02

Tgt Ion:264 Resp: 292475
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.1 17.0 25.4

