

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
 Data File : BF134440.D
 Acq On : 24 Jul 2023 21:11
 Operator : CG\JU
 Sample : 03683-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-TURNPIKE

Quant Time: Jul 25 02:53:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

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

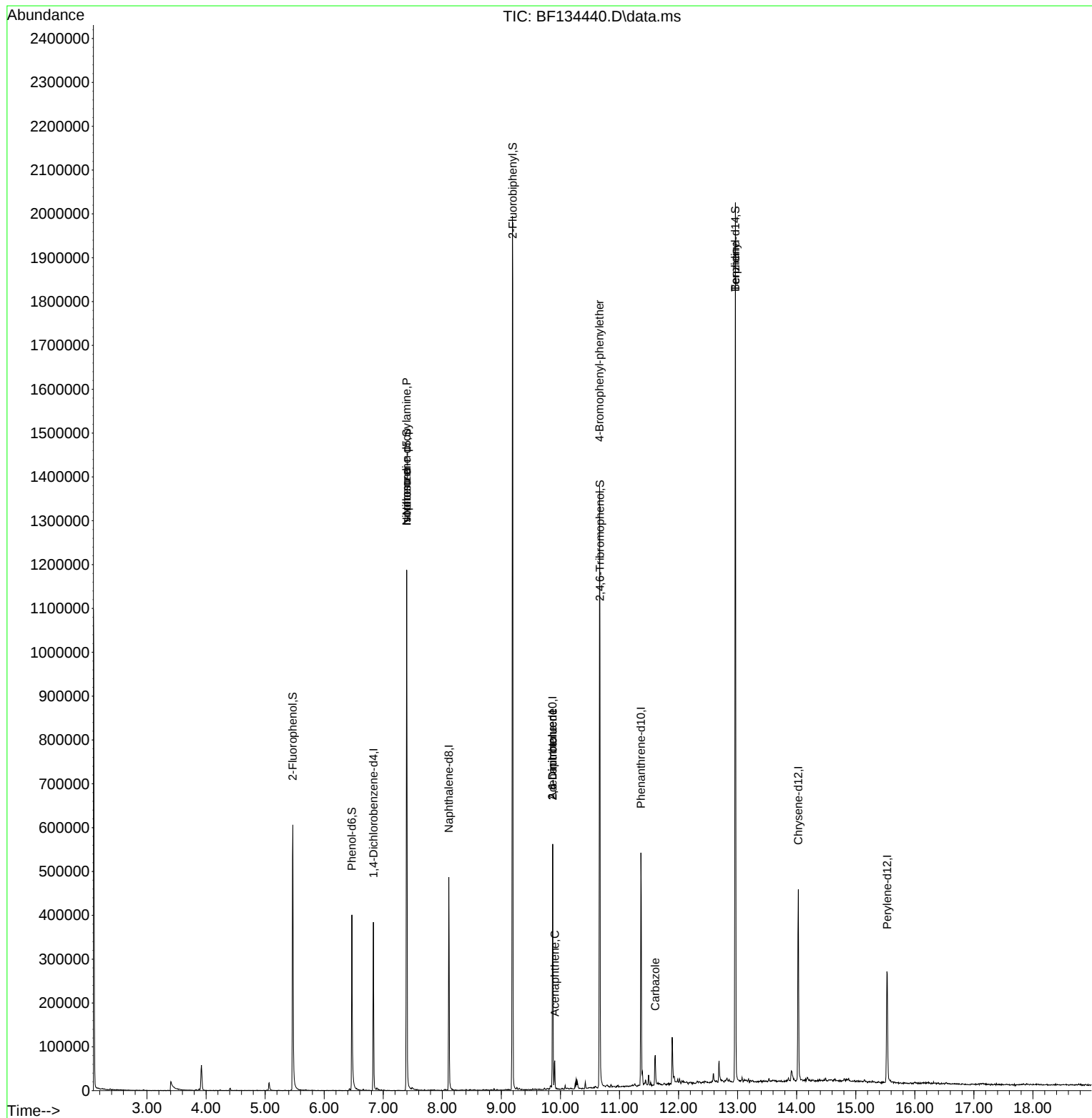
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	52905	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	195132	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	97214	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	194022	20.000	ng	0.00
76) Chrysene-d12	14.027	240	146839	20.000	ng	0.00
86) Perylene-d12	15.533	264	135725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	169397	52.902	ng	0.00
7) Phenol-d6	6.469	99	118478	30.199	ng	-0.01
23) Nitrobenzene-d5	7.398	82	328221	85.102	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	165505	119.824	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	605739	81.800	ng	0.00
79) Terphenyl-d14	12.963	244	669154	79.551	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.398	70	46291	18.954	ng	# 77
25) Isophorone	7.398	82	328221	51.063	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	12847	8.125	ng	# 16
52) Acenaphthene	9.904	154	13568	2.302	ng	95
57) 2,4-Dinitrotoluene	9.869	165	12847	6.049	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	9679	4.553	ng	# 1
73) Carbazole	11.604	167	30036	3.049	ng	98
77) Benzidine	12.963	184	9804	3.127	ng	# 94

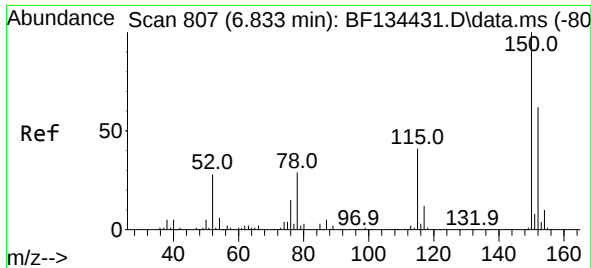
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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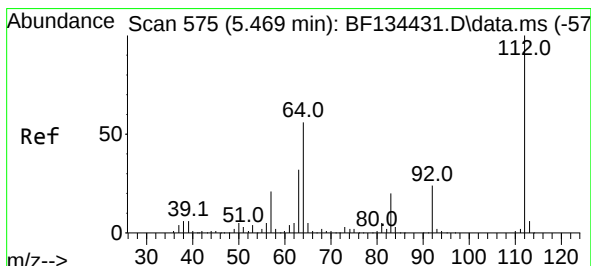
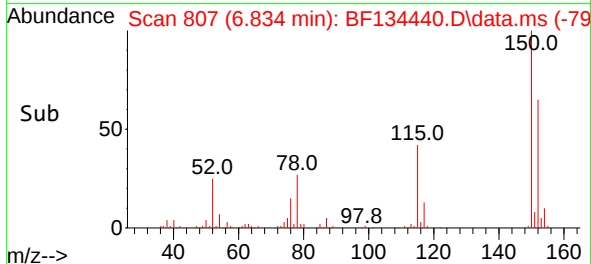
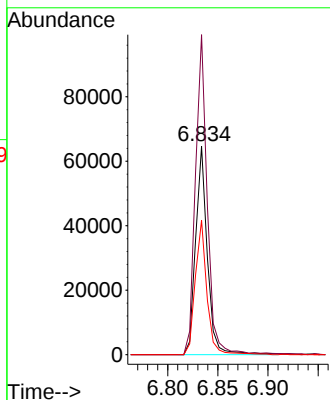
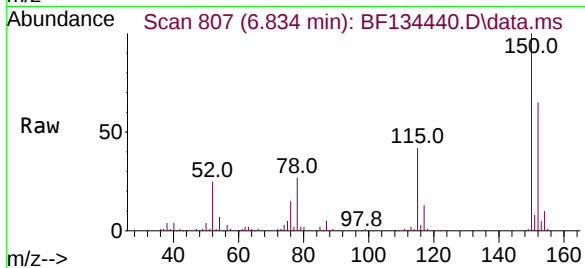




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. 0.001 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

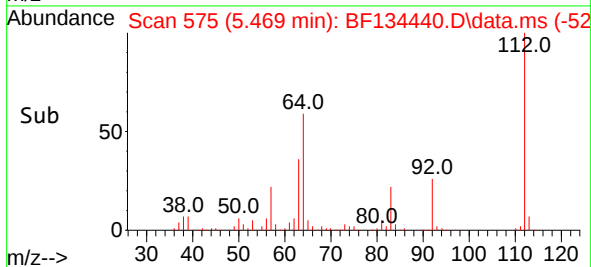
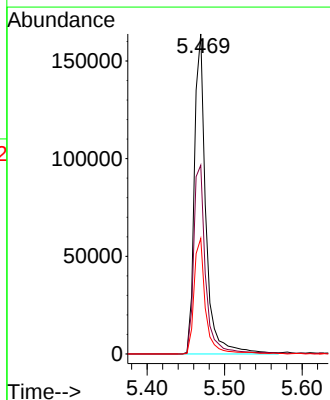
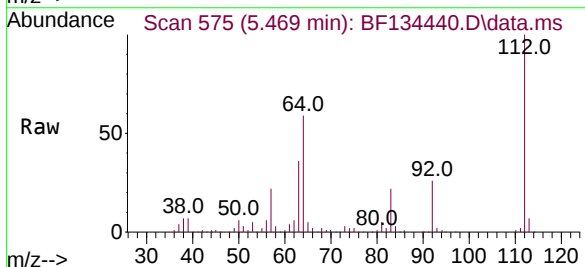
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ClientSampleId :
NORTH-TURNPIKE

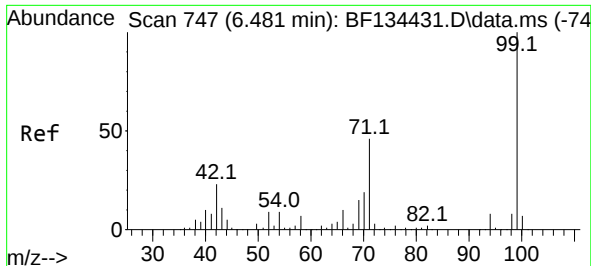
Tgt Ion:152 Resp: 52905
Ion Ratio Lower Upper
152 100
150 153.5 128.3 192.5
115 64.4 52.4 78.6



#5
2-Fluorophenol
Concen: 52.902 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

Tgt Ion:112 Resp: 169397
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 36.1 25.4 38.0

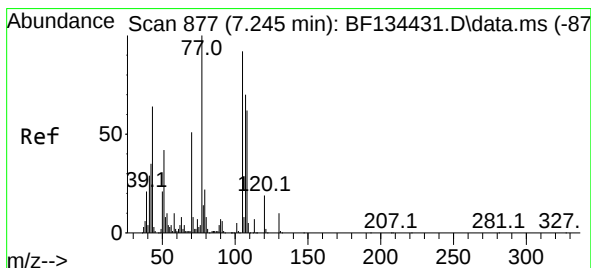
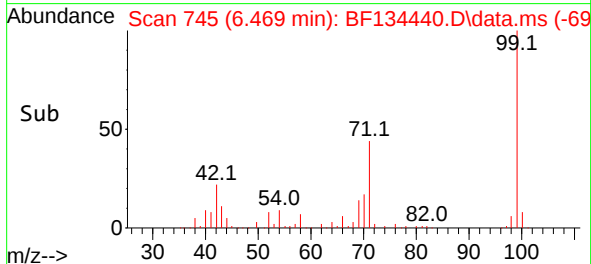
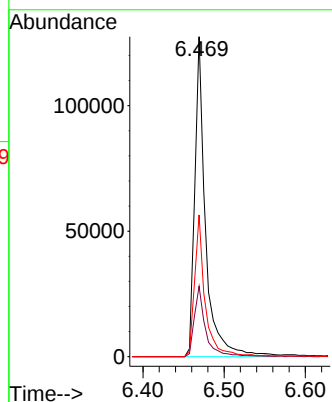
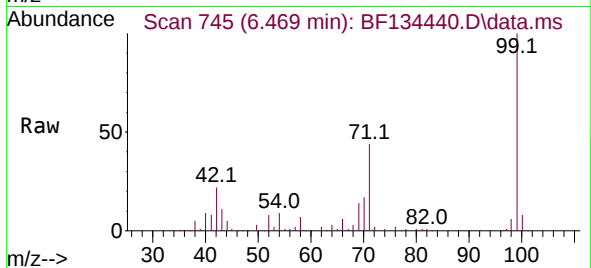




#7
Phenol-d6
Concen: 30.199 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

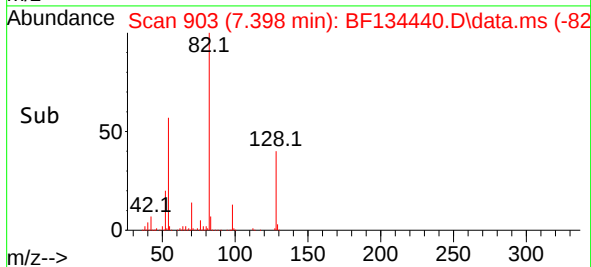
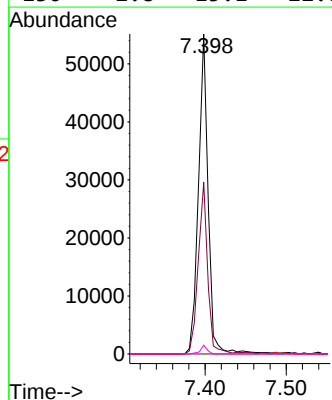
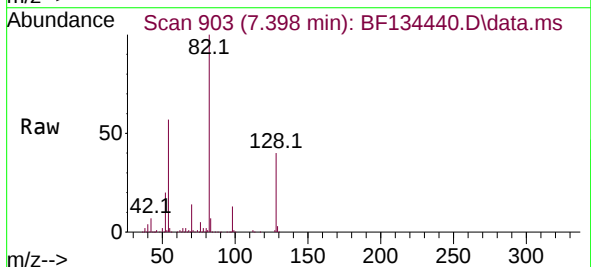
Instrument :
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ClientSampleId :
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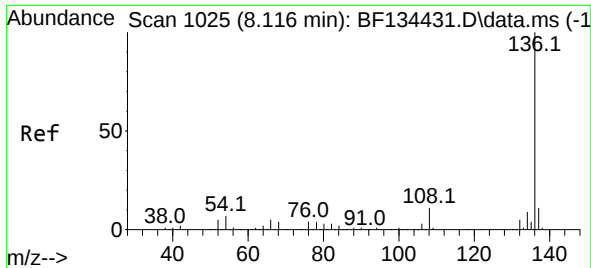
Tgt Ion: 99 Resp: 118478
Ion Ratio Lower Upper
99 100
42 22.0 18.7 28.1
71 44.3 36.4 54.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.954 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.153 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

Tgt Ion: 70 Resp: 46291
Ion Ratio Lower Upper
70 100
42 53.7 54.7 82.1#
101 0.0 8.2 12.2#
130 2.8 15.1 22.7#

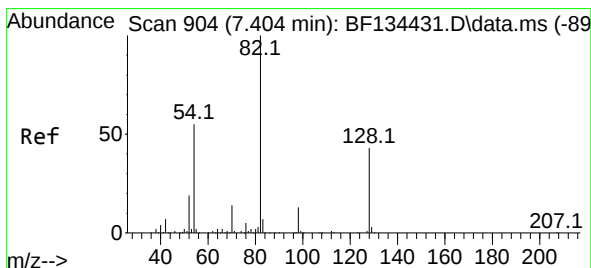
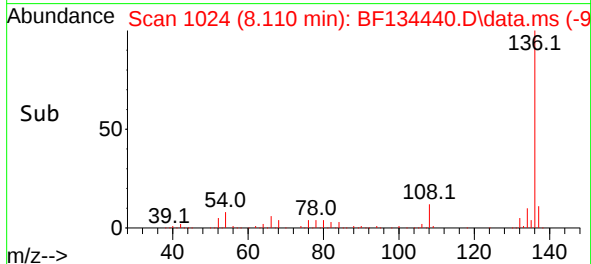
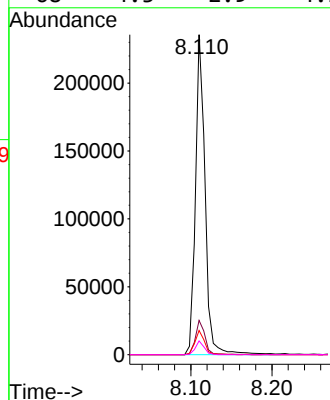
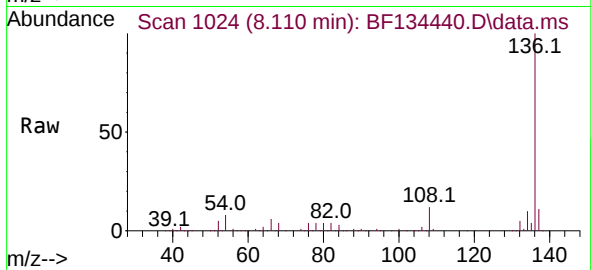




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

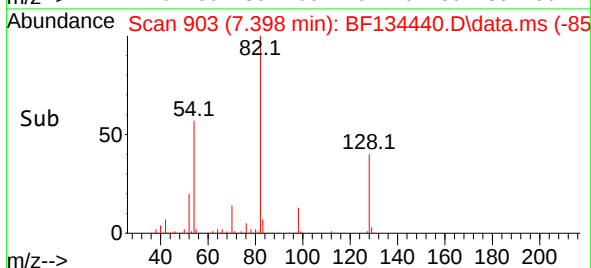
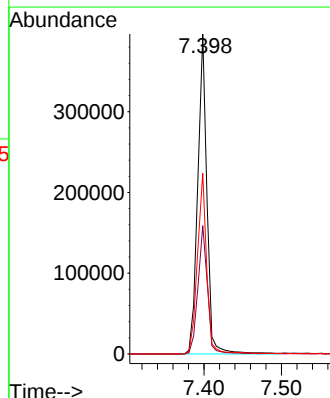
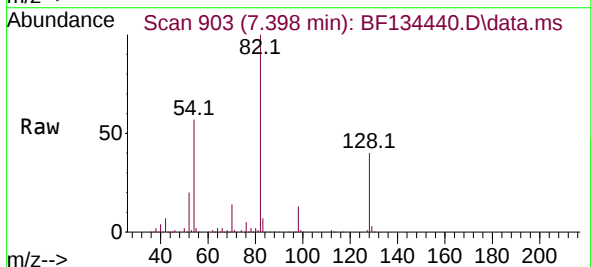
Instrument :
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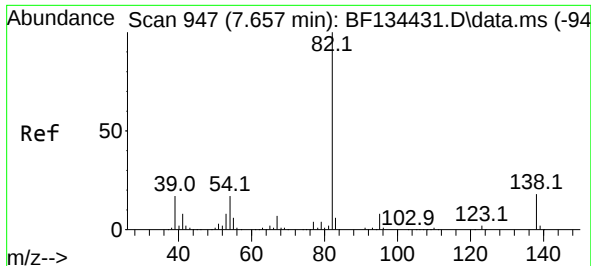
Tgt Ion:136 Resp: 195132
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 5.2 7.8
68 4.3 2.9 4.3



#23
Nitrobenzene-d5
Concen: 85.102 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

Tgt Ion: 82 Resp: 328221
Ion Ratio Lower Upper
82 100
128 40.1 34.3 51.5
54 56.5 43.8 65.6

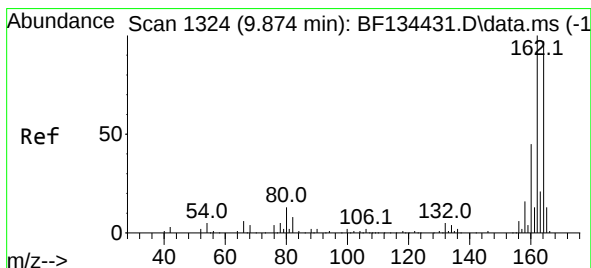
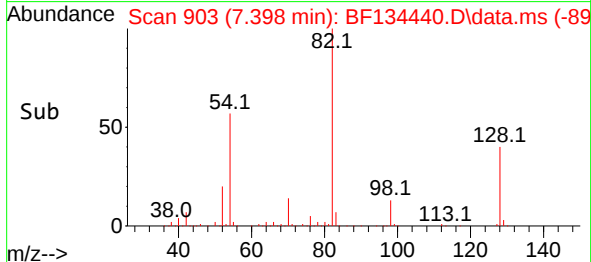
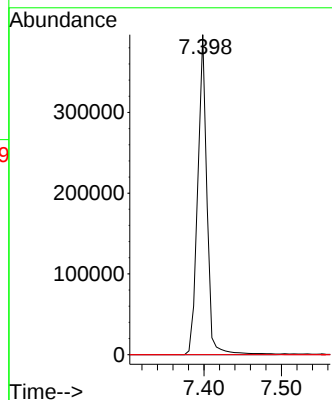
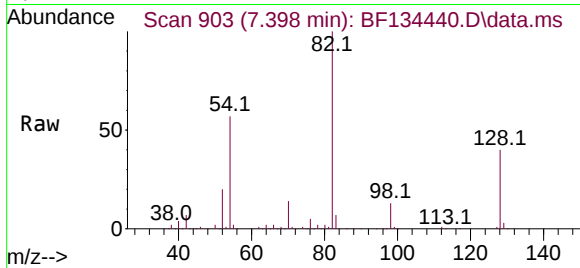




#25
Isophorone
Concen: 51.063 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

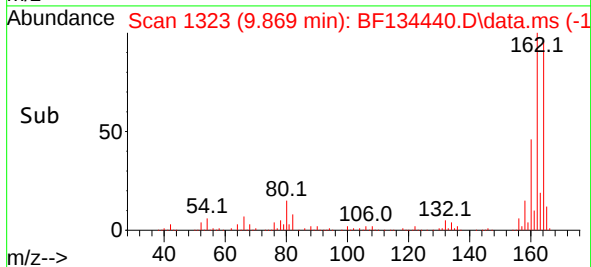
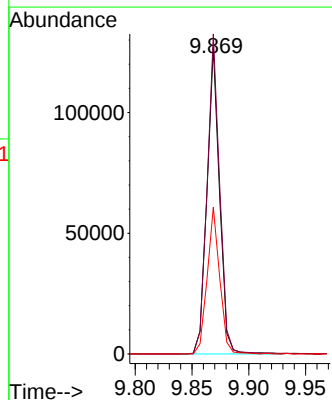
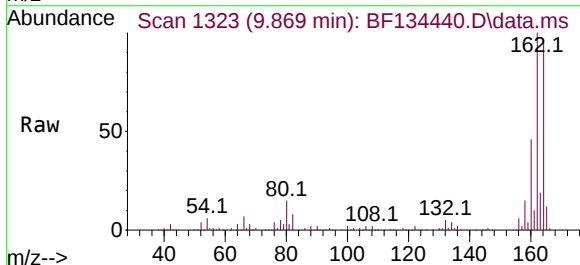
Instrument :
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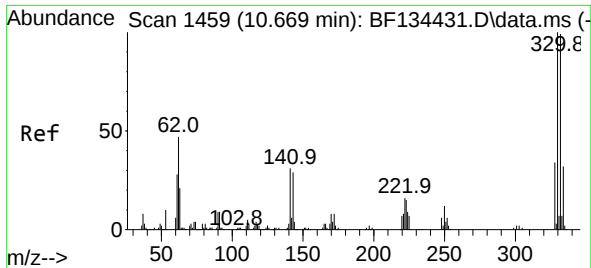
Tgt Ion: 82 Resp: 328221
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

Tgt Ion:164 Resp: 97214
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 47.8 37.2 55.8

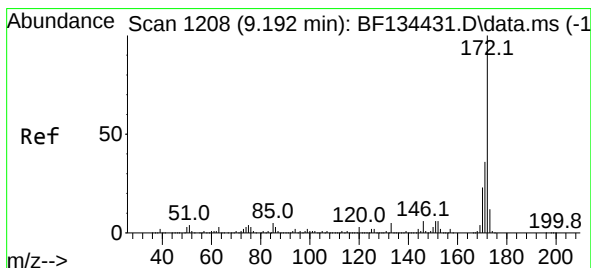
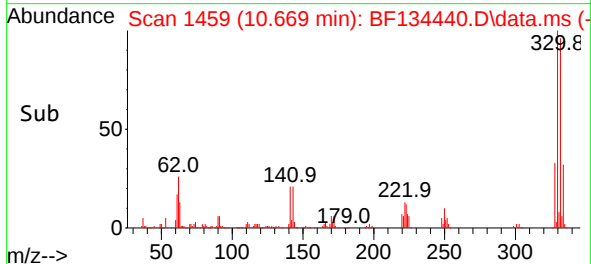
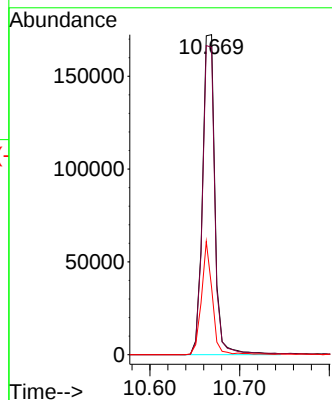
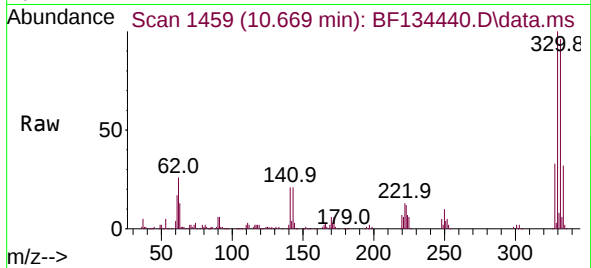




#42
 2,4,6-Tribromophenol
 Concen: 119.824 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. 0.000 min
 Lab File: BF134440.D
 Acq: 24 Jul 2023 21:11

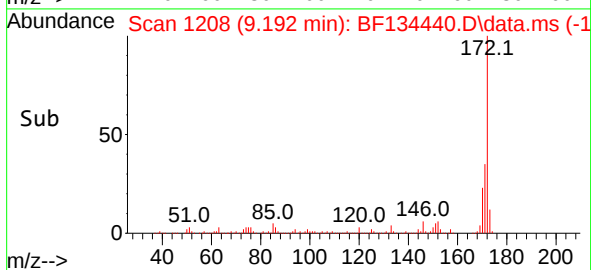
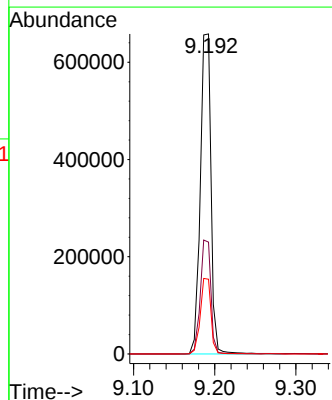
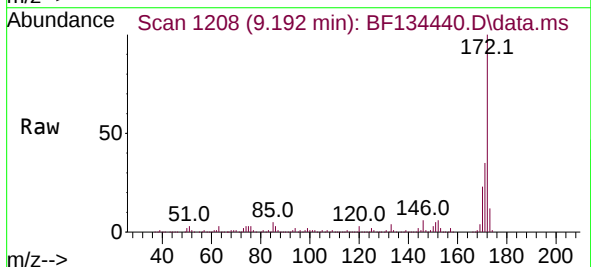
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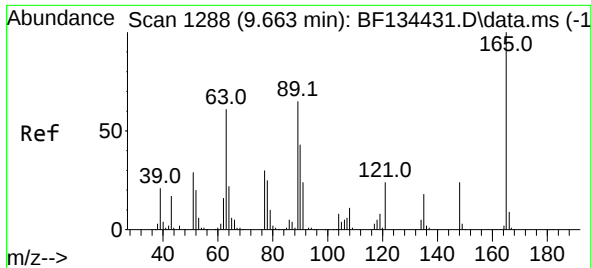
Tgt Ion:330 Resp: 165505
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.8 118.2
 141 30.9 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 81.800 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. 0.000 min
 Lab File: BF134440.D
 Acq: 24 Jul 2023 21:11

Tgt Ion:172 Resp: 605739
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.8 43.2
 170 23.4 18.7 28.1

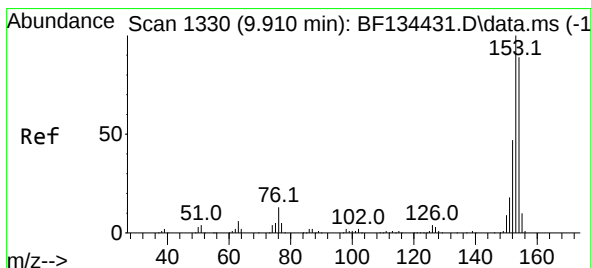
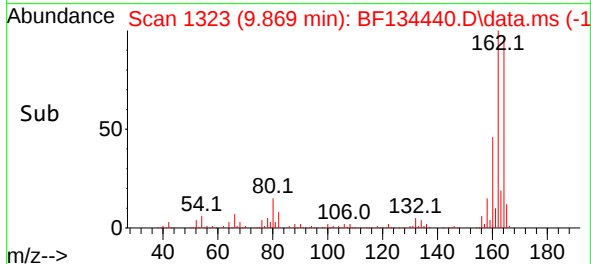
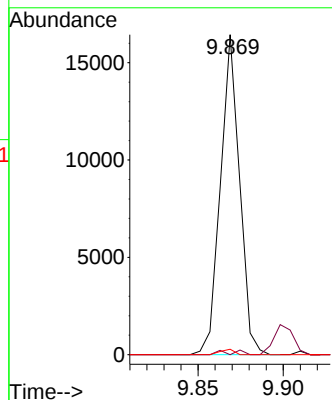
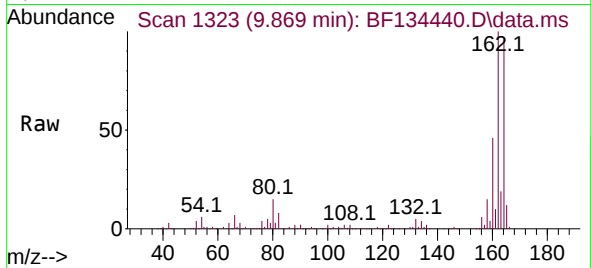




#51
2,6-Dinitrotoluene
Concen: 8.125 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

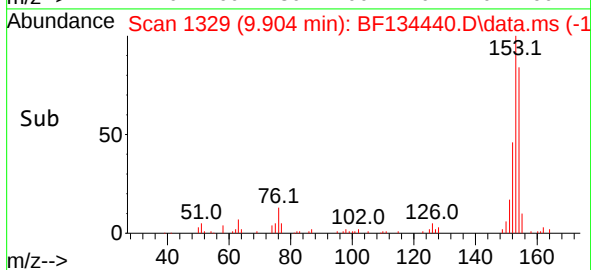
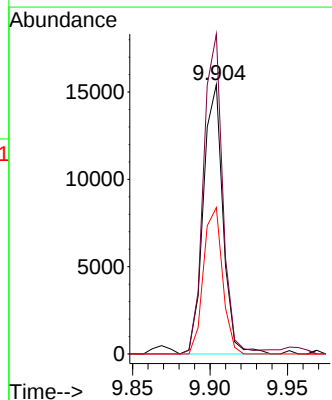
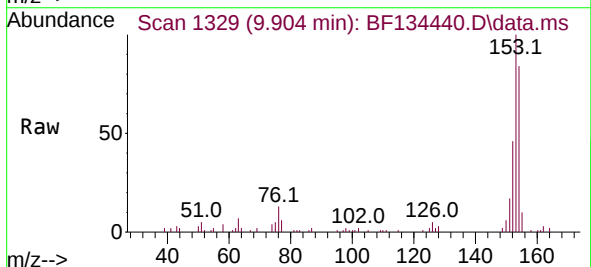
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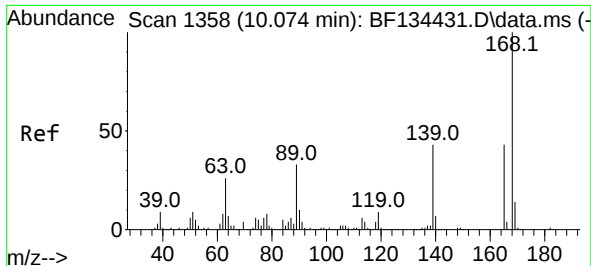
Tgt Ion:165 Resp: 12847
Ion Ratio Lower Upper
165 100
63 0.0 57.8 86.6#
89 1.7 51.8 77.8#



#52
Acenaphthene
Concen: 2.302 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

Tgt Ion:154 Resp: 13568
Ion Ratio Lower Upper
154 100
153 118.8 90.0 135.0
152 54.3 42.4 63.6

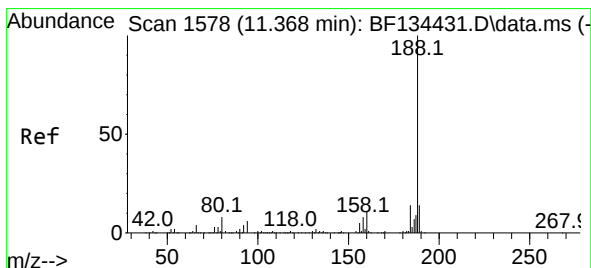
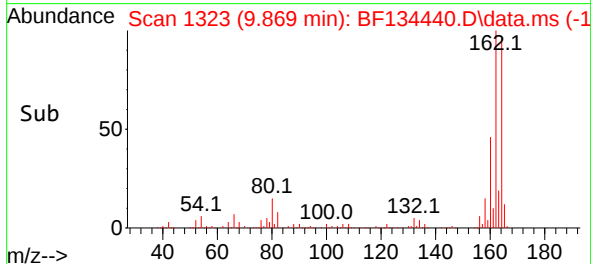
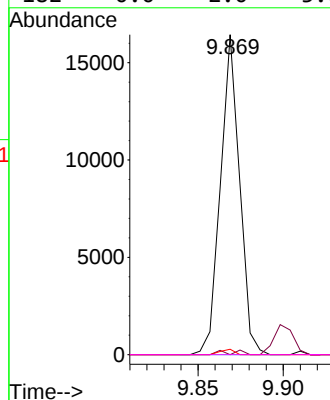
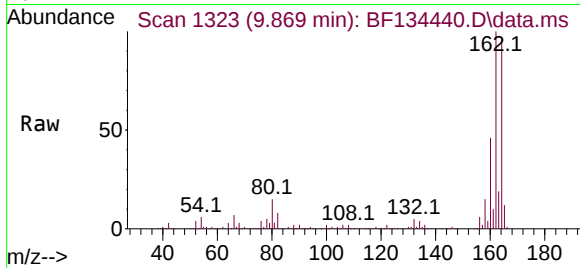




#57
2,4-Dinitrotoluene
Concen: 6.049 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

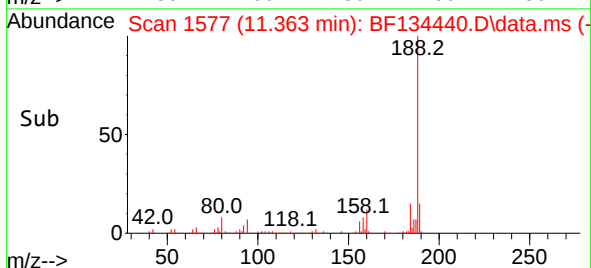
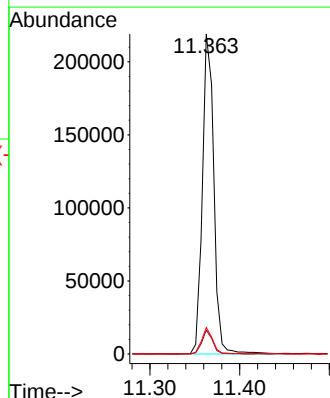
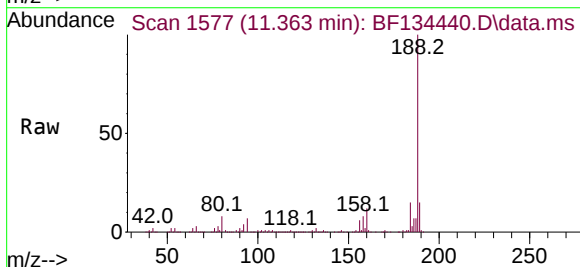
Instrument :
BNA_F
ClientSampleId :
NORTH-TURNPIKE

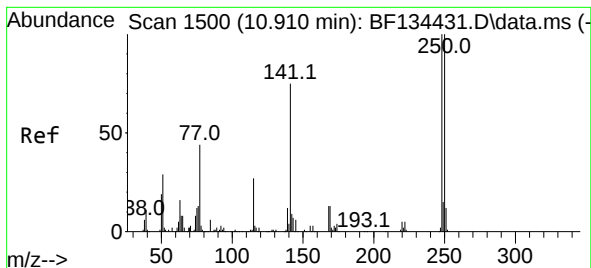
Tgt Ion:165 Resp: 12847
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 1.7 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

Tgt Ion:188 Resp: 194022
Ion Ratio Lower Upper
188 100
94 7.4 5.1 7.7
80 8.2 6.6 9.8

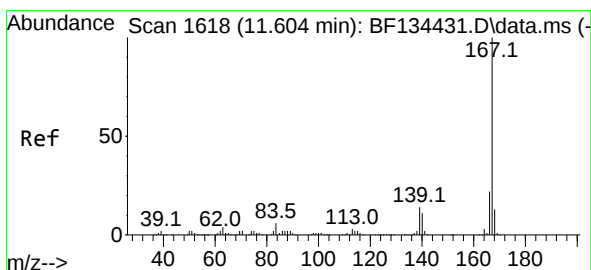
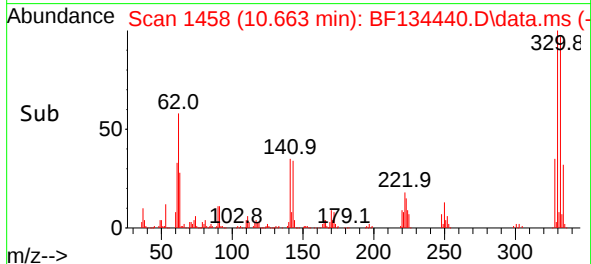
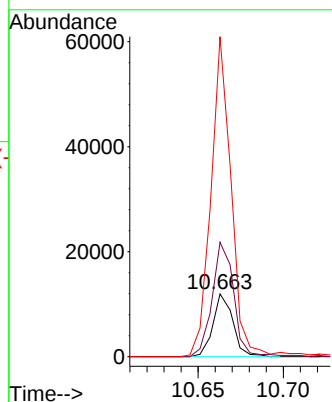
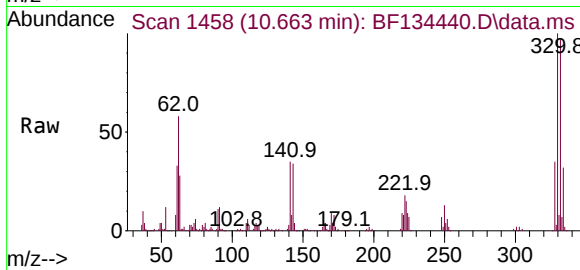




#67
4-Bromophenyl-phenylether
Concen: 4.553 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

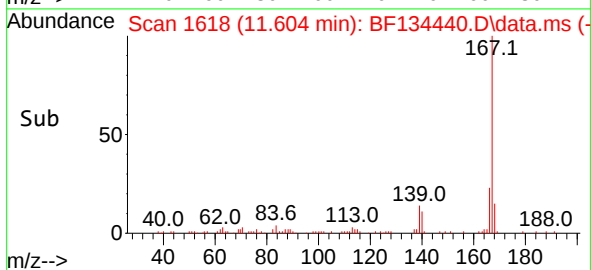
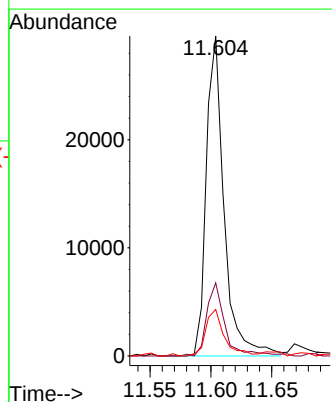
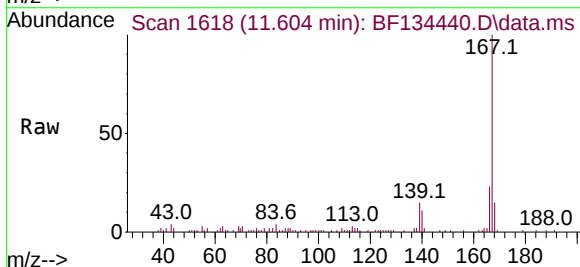
Instrument :
BNA_F
ClientSampleId :
NORTH-TURNPIKE

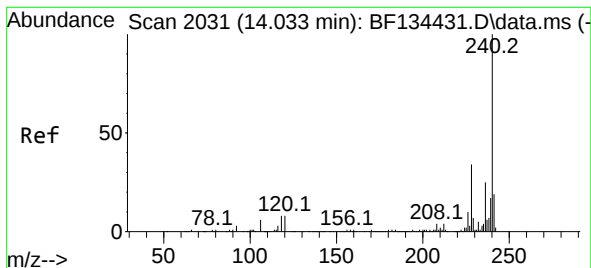
Tgt Ion:248 Resp: 9679
Ion Ratio Lower Upper
248 100
250 182.7 79.6 119.4#
141 510.8 59.6 89.4#



#73
Carbazole
Concen: 3.049 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF134440.D
Acq: 24 Jul 2023 21:11

Tgt Ion:167 Resp: 30036
Ion Ratio Lower Upper
167 100
166 22.9 17.5 26.3
139 14.5 11.0 16.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134440.D

Acq: 24 Jul 2023 21:11

Instrument :

BNA_F

ClientSampleId :

NORTH-TURNPIKE

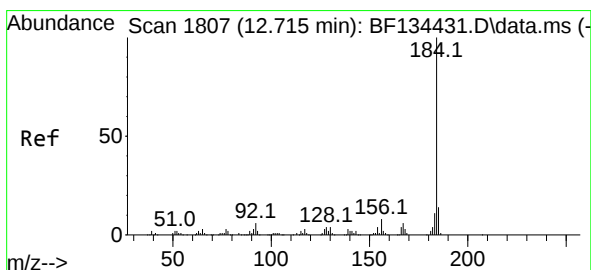
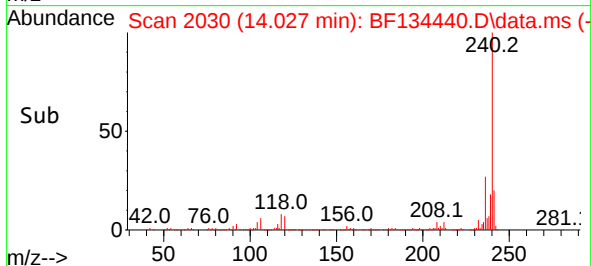
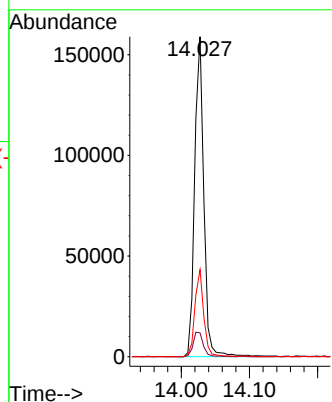
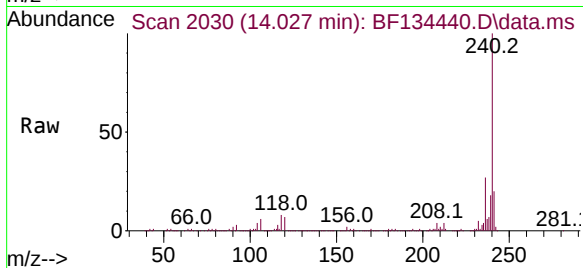
Tgt Ion:240 Resp: 146839

Ion Ratio Lower Upper

240 100

120 7.4 6.6 10.0

236 27.2 20.2 30.2



#77

Benzidine

Concen: 3.127 ng

RT: 12.963 min Scan# 1849

Delta R.T. 0.248 min

Lab File: BF134440.D

Acq: 24 Jul 2023 21:11

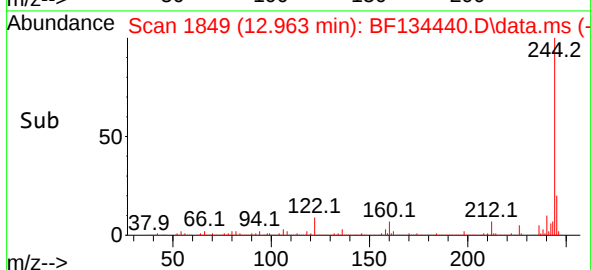
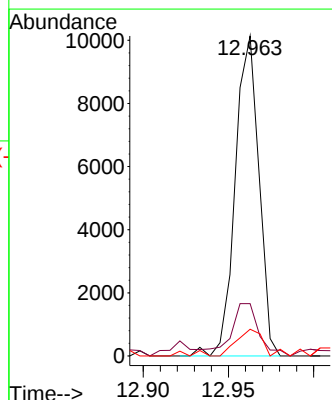
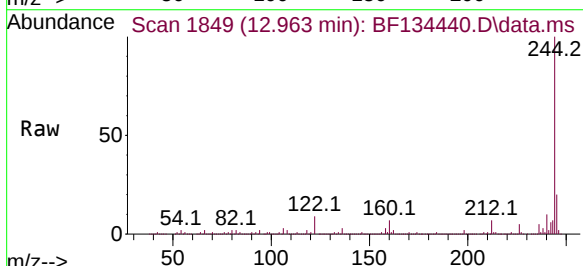
Tgt Ion:184 Resp: 9804

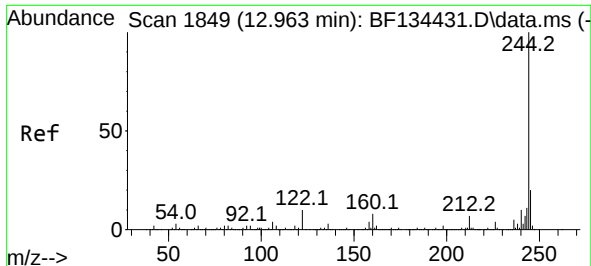
Ion Ratio Lower Upper

184 100

185 16.3 11.2 16.8

183 8.3 8.6 13.0#

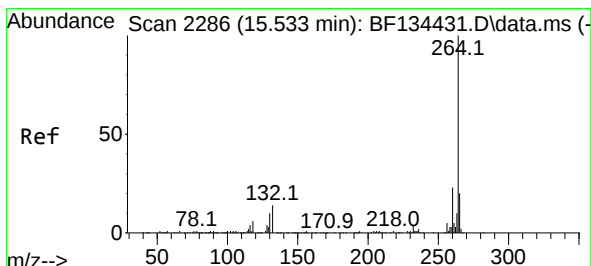
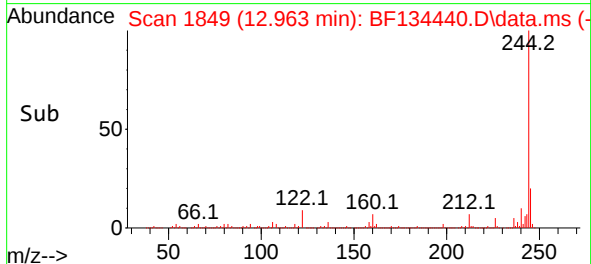
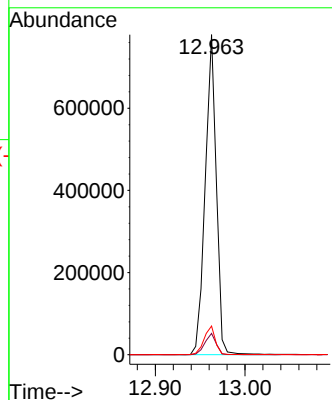
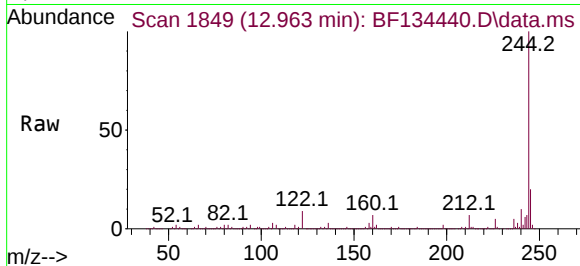




#79
 Terphenyl-d14
 Concen: 79.551 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF134440.D
 Acq: 24 Jul 2023 21:11

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-TURNPIKE

Tgt Ion:244 Resp: 669154
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 8.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF134440.D
 Acq: 24 Jul 2023 21:11

Tgt Ion:264 Resp: 135725
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.4 27.6
 265 21.2 15.8 23.8

