

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134224.D
 Acq On : 11 Jul 2023 21:23
 Operator : CG\JU
 Sample : 03509-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:56:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

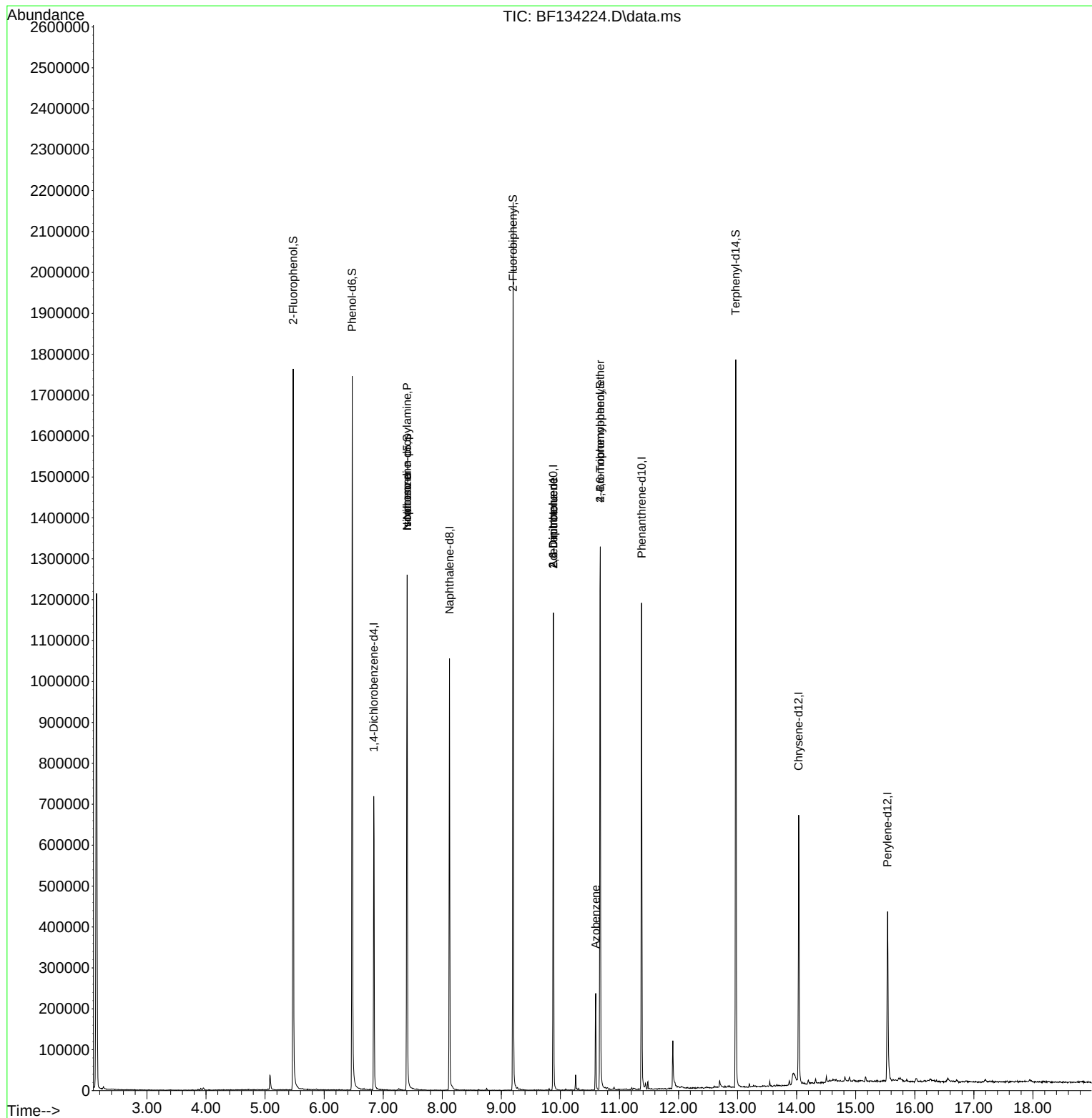
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	107818	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	421959	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	217799	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	418162	20.000	ng	0.00
76) Chrysene-d12	14.033	240	219653	20.000	ng	0.00
86) Perylene-d12	15.539	264	209832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	430081	66.726	ng	0.00
7) Phenol-d6	6.475	99	520181	65.624	ng	-0.01
23) Nitrobenzene-d5	7.404	82	351022	44.843	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	171071	62.646	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	598889	39.978	ng	0.00
79) Terphenyl-d14	12.969	244	622885	45.639	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.404	77	67	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.404	70	48526	9.653	ng	# 75
25) Isophorone	7.404	82	351022	24.674	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	27038	7.940	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	27038	6.012	ng	# 22
63) Azobenzene	10.598	77	41711	2.677	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	10318	2.321	ng	# 1

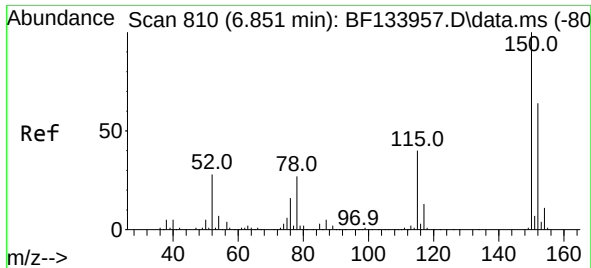
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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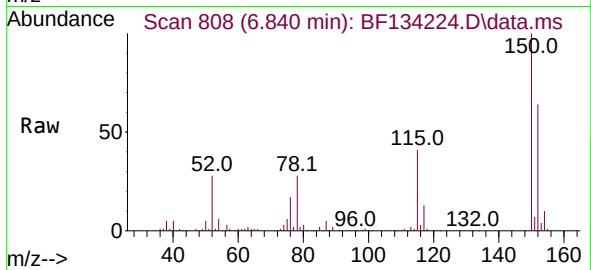
Quant Time: Jul 12 01:56:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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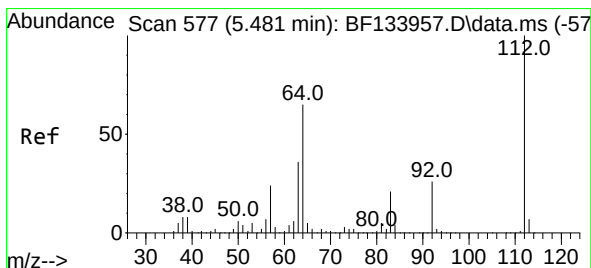
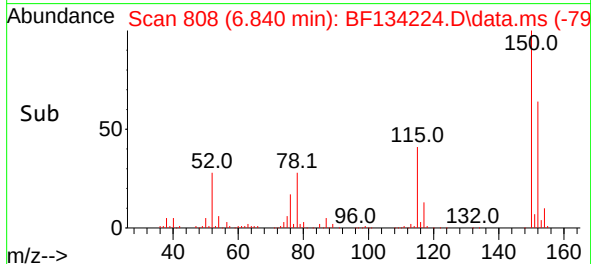
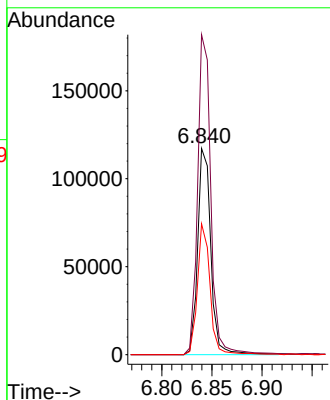


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

Instrument :
BNA_F
ClientSampleId :

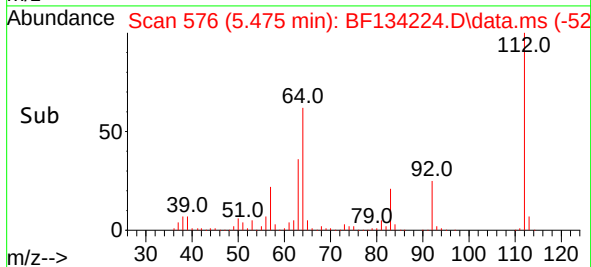
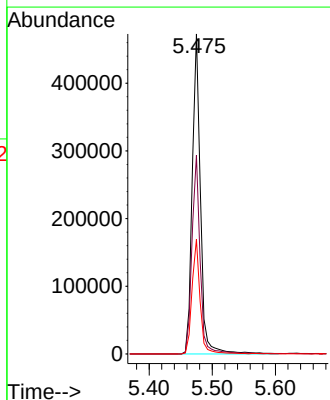
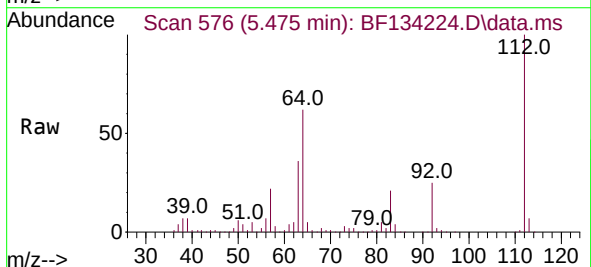


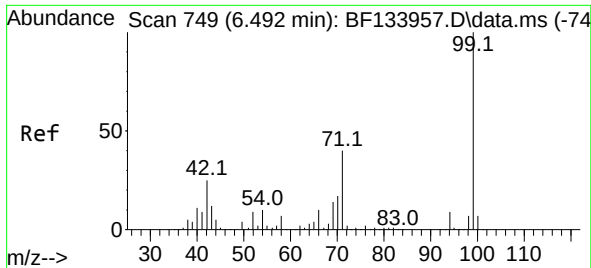
Tgt Ion:152 Resp: 107818
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 63.4 50.2 75.2



#5
2-Fluorophenol
Concen: 66.726 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

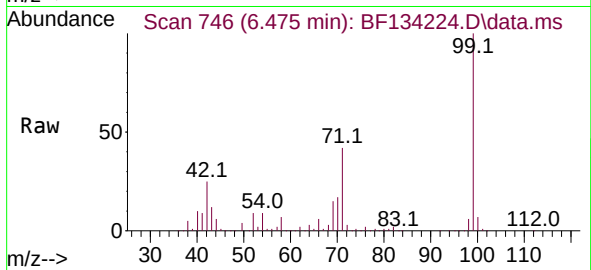
Tgt Ion:112 Resp: 430081
Ion Ratio Lower Upper
112 100
64 62.1 52.1 78.1
63 35.9 28.6 42.8



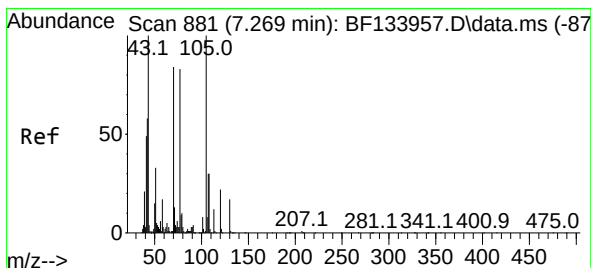
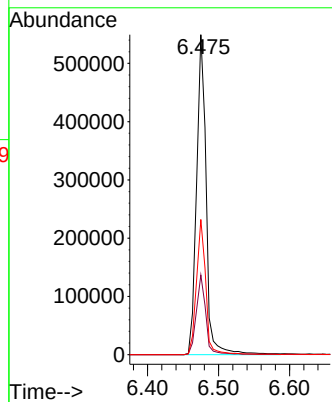
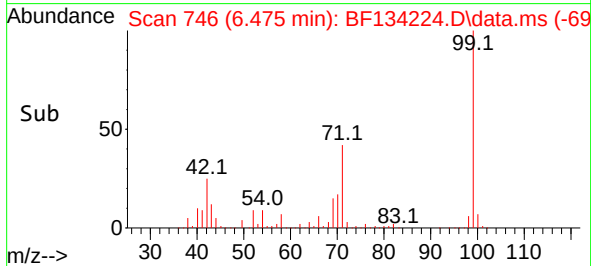


#7
Phenol-d6
Concen: 65.624 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

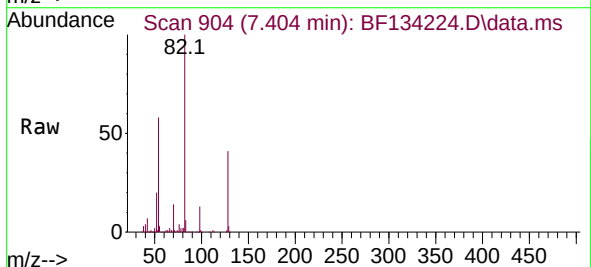
Instrument :
BNA_F
ClientSampleId :



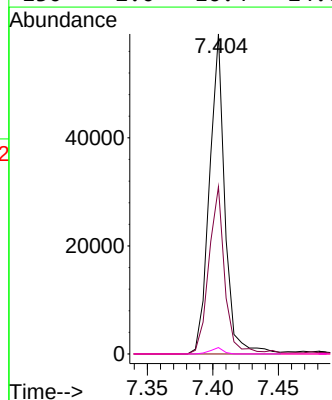
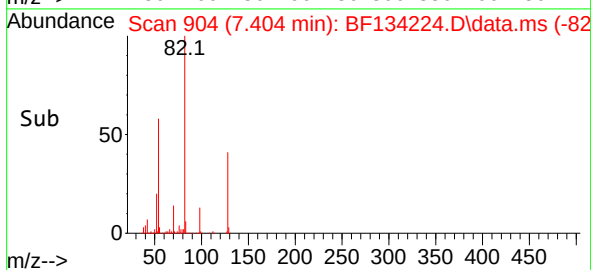
Tgt Ion: 99 Resp: 520181
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 42.3 31.9 47.9

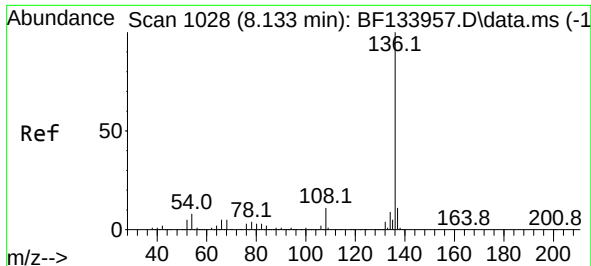


#19
n-Nitroso-di-n-propylamine
Concen: 9.653 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23



Tgt Ion: 70 Resp: 48526
Ion Ratio Lower Upper
70 100
42 52.3 54.7 82.1#
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#

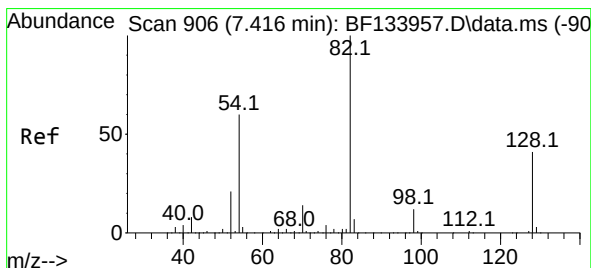
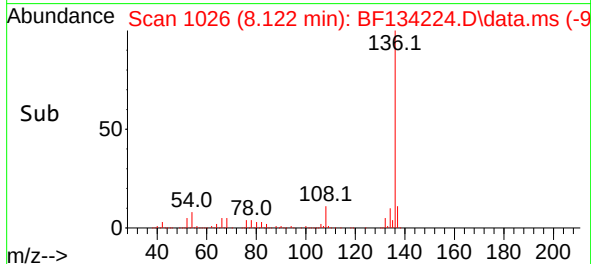
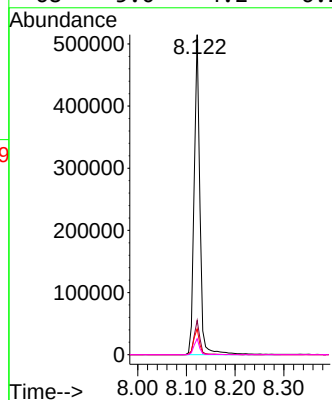
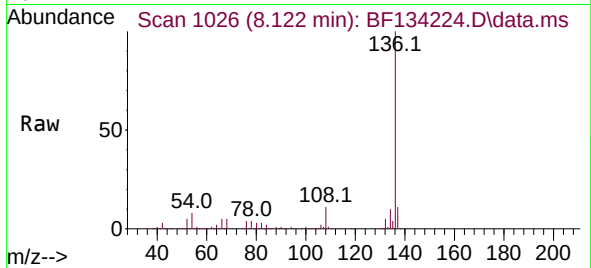




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

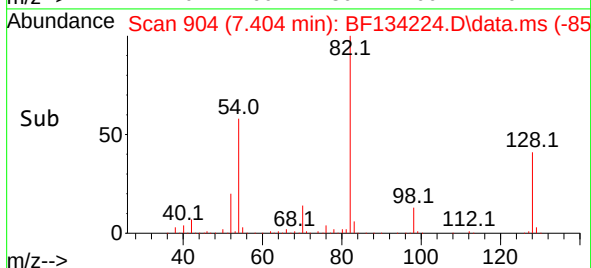
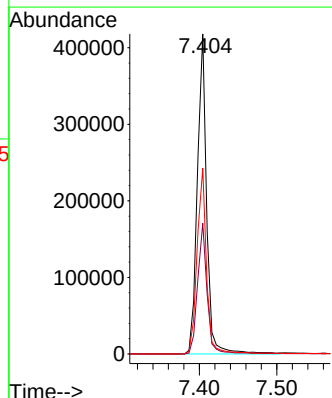
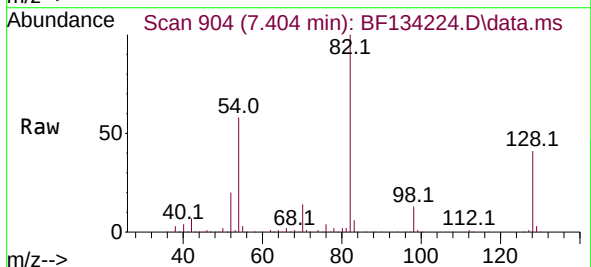
Instrument :
BNA_F
ClientSampleId :

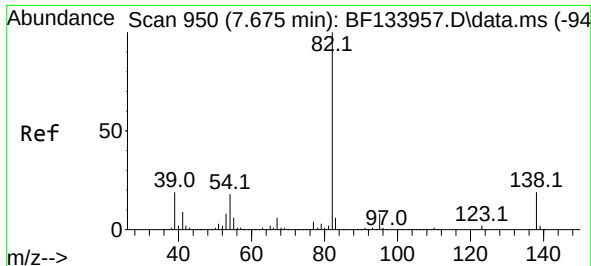
Tgt Ion:136 Resp: 421959
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.1 6.5 9.7
68 5.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 44.843 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

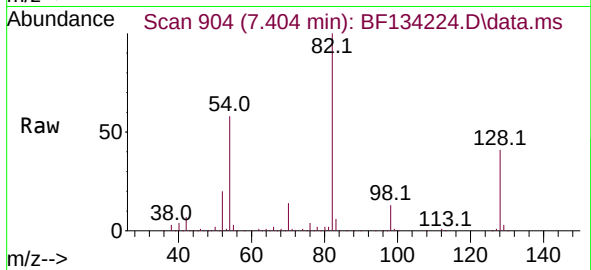
Tgt Ion: 82 Resp: 351022
Ion Ratio Lower Upper
82 100
128 40.8 32.5 48.7
54 58.0 48.2 72.2



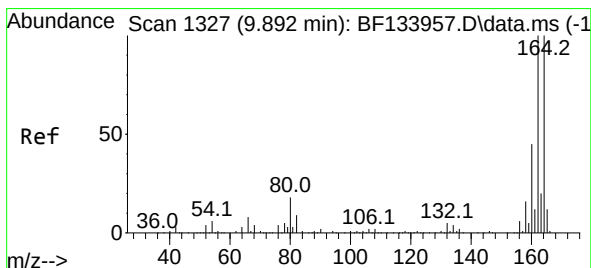
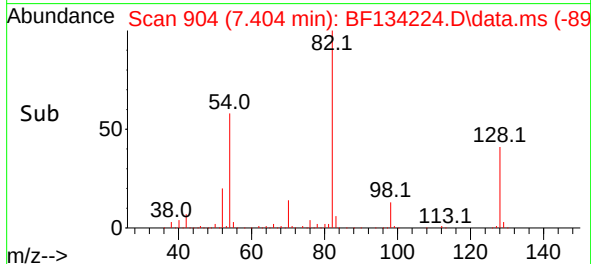
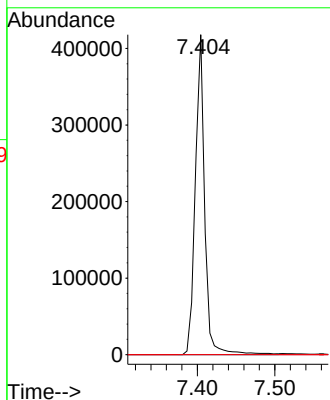


#25
Isophorone
Concen: 24.674 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

Instrument :
BNA_F
ClientSampleId :

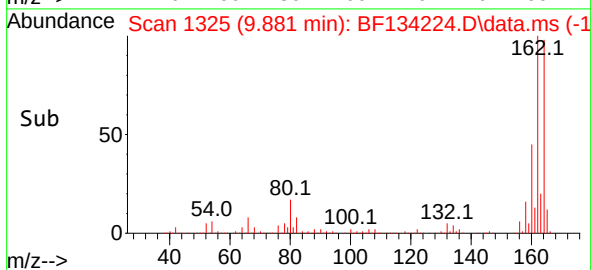
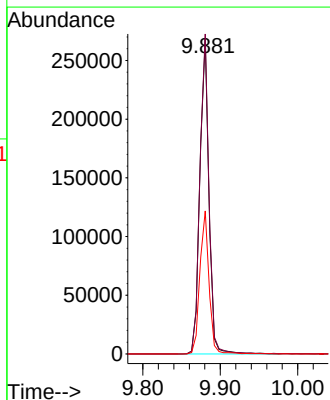
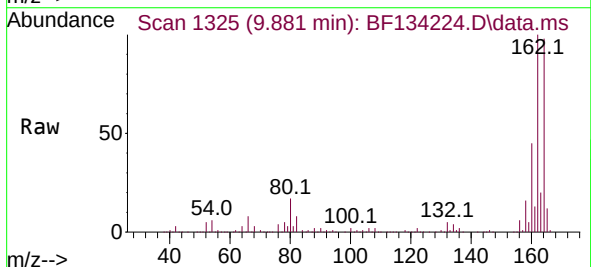


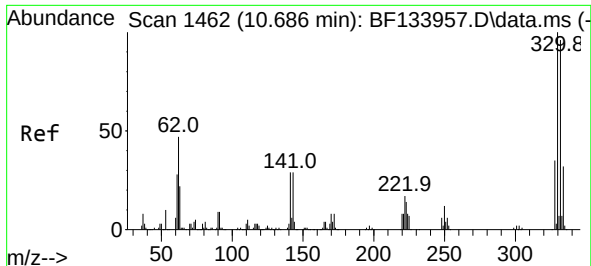
Tgt Ion: 82 Resp: 351022
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

Tgt Ion: 164 Resp: 217799
Ion Ratio Lower Upper
164 100
162 101.6 80.0 120.0
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 62.646 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

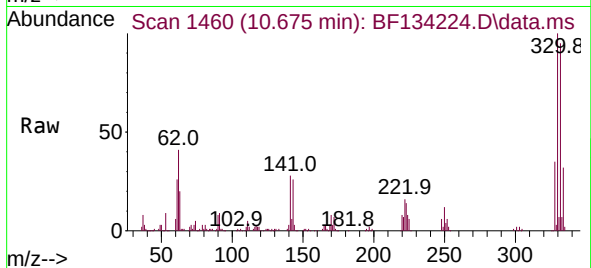
Lab File: BF134224.D

Acq: 11 Jul 2023 21:23

Instrument :

BNA_F

ClientSampleId :



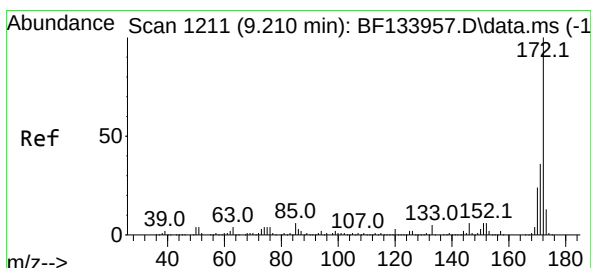
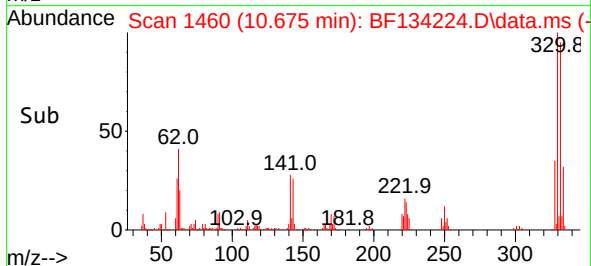
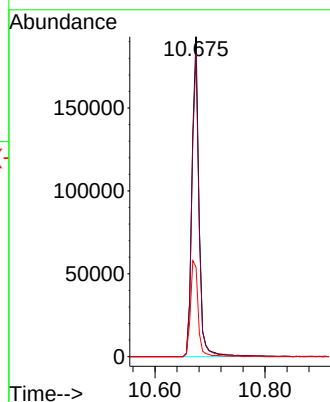
Tgt Ion:330 Resp: 171071

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

141 32.7 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 39.978 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134224.D

Acq: 11 Jul 2023 21:23

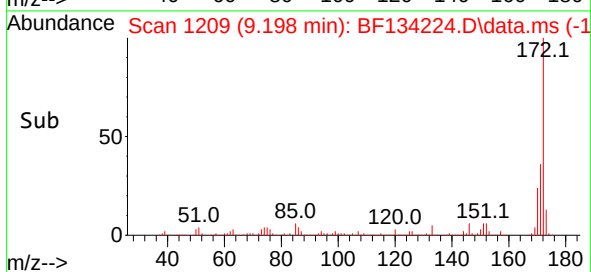
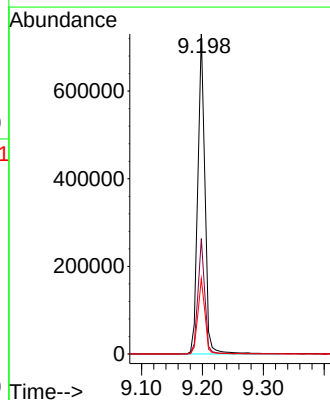
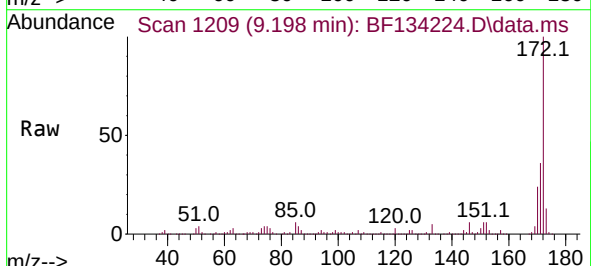
Tgt Ion:172 Resp: 598889

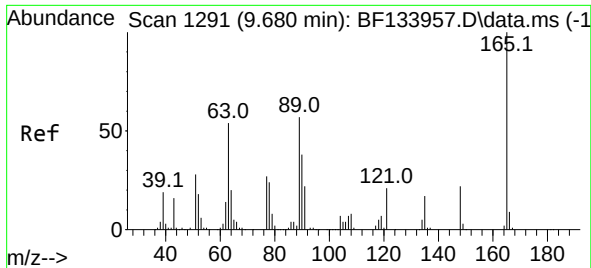
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

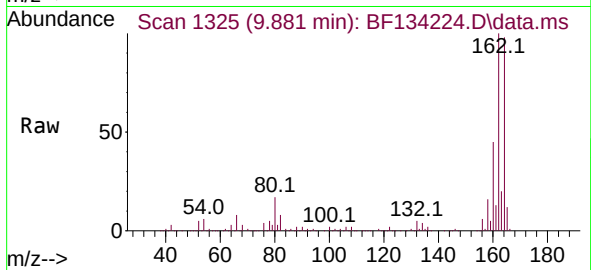
170 23.5 19.4 29.0



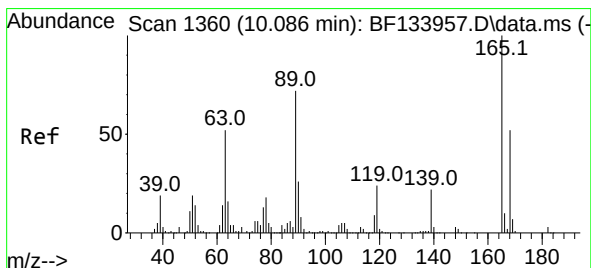
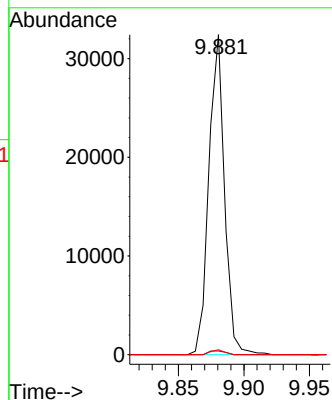
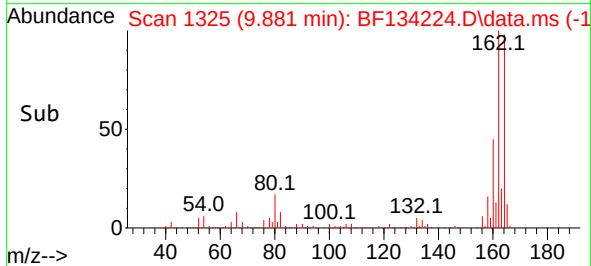


#51
2,6-Dinitrotoluene
Concen: 7.940 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

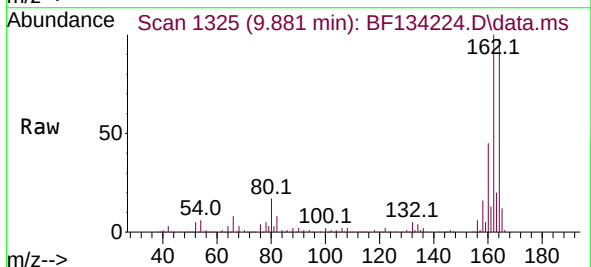
Instrument :
BNA_F
ClientSampleId :



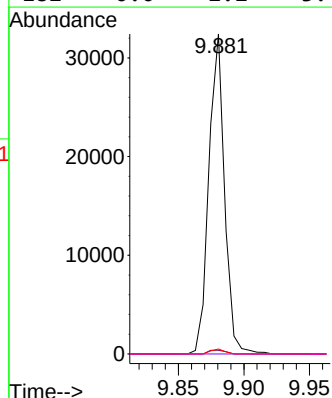
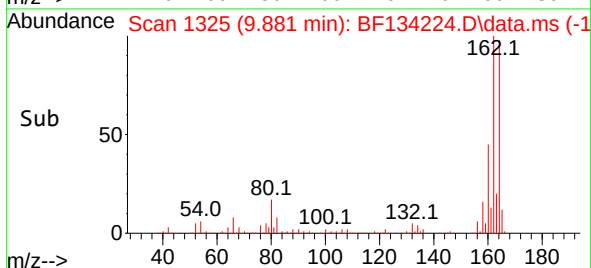
Tgt Ion:165 Resp: 27038
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.5 45.5 68.3#

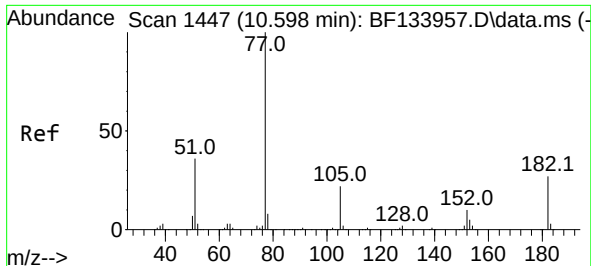


#57
2,4-Dinitrotoluene
Concen: 6.012 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23



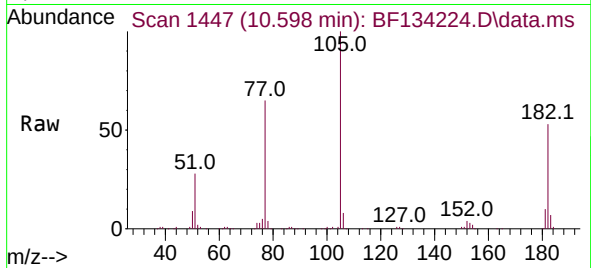
Tgt Ion:165 Resp: 27038
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#



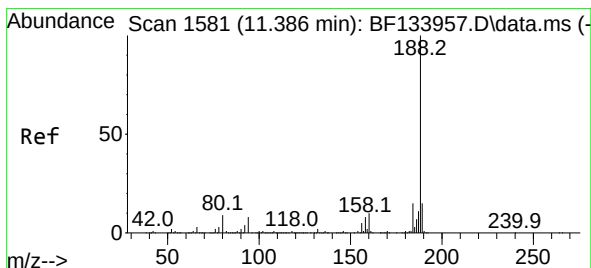
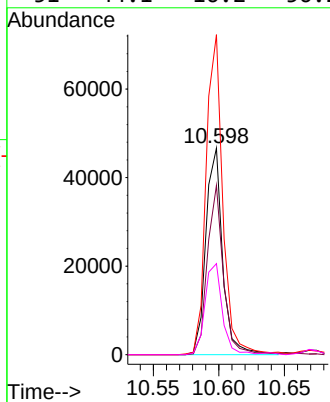
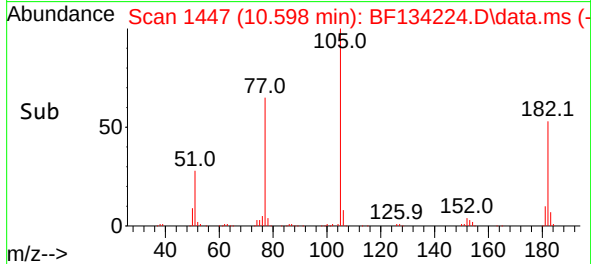


#63
Azobenzene
Concen: 2.677 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

Instrument :
BNA_F
ClientSampleId :

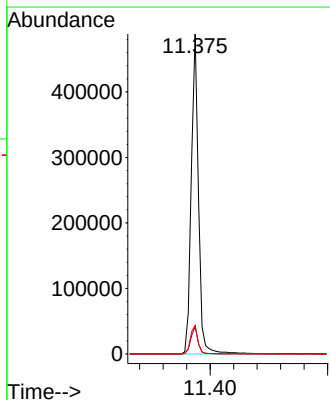
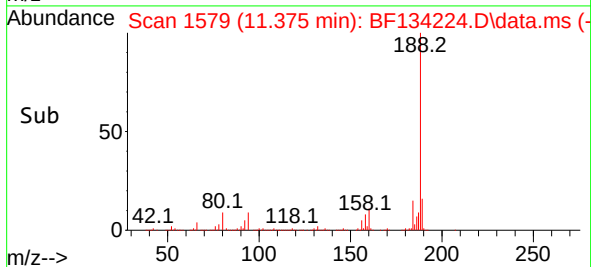
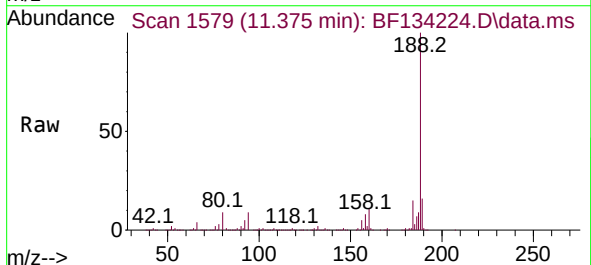


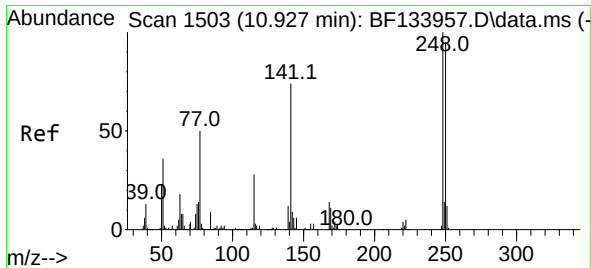
Tgt Ion: 77 Resp: 41711
Ion Ratio Lower Upper
77 100
182 81.9 6.8 46.8#
105 154.9 2.3 42.3#
51 44.1 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

Tgt Ion: 188 Resp: 418162
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 8.9 7.3 10.9

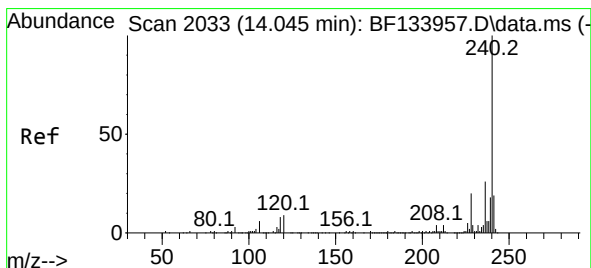
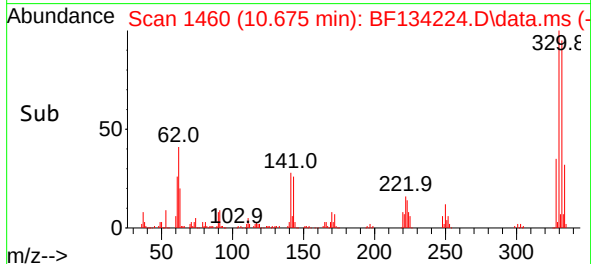
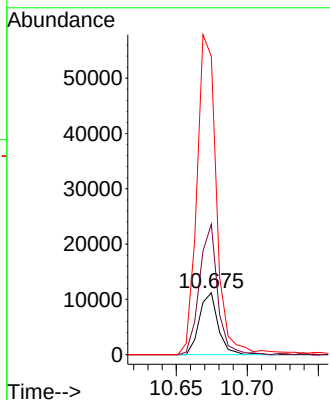
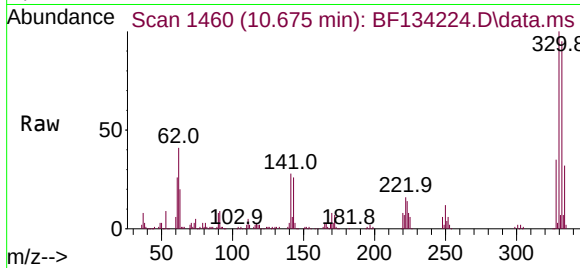




#67
4-Bromophenyl-phenylether
Concen: 2.321 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

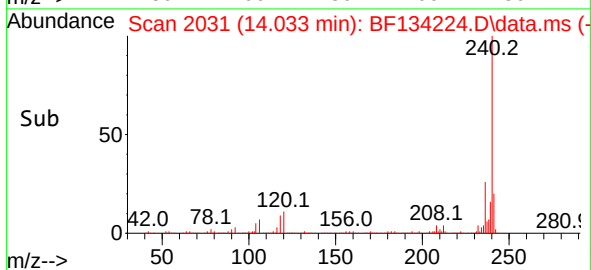
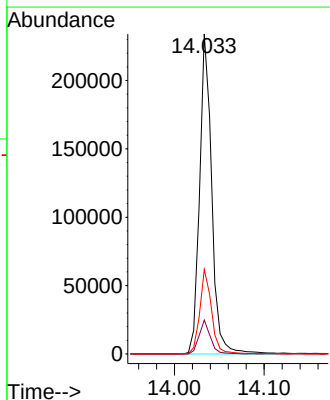
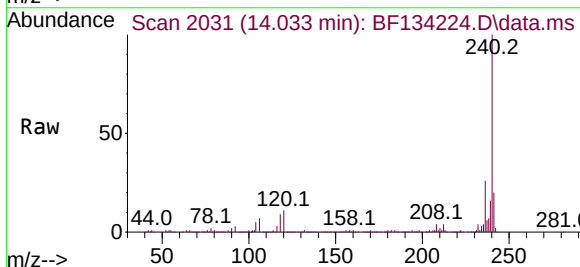
Instrument :
BNA_F
ClientSampleId :

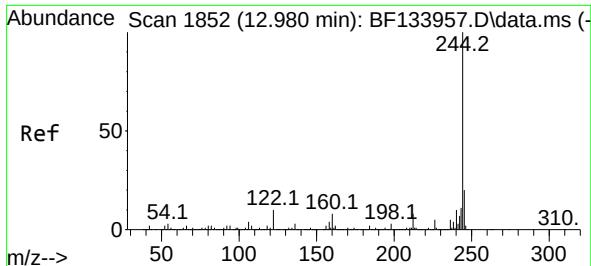
Tgt Ion:248 Resp: 10318
Ion Ratio Lower Upper
248 100
250 210.6 76.2 114.4#
141 481.8 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134224.D
Acq: 11 Jul 2023 21:23

Tgt Ion:240 Resp: 219653
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 26.4 21.0 31.6

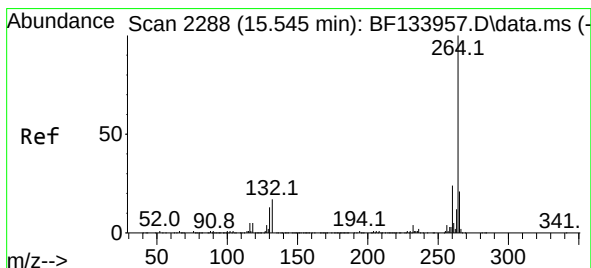
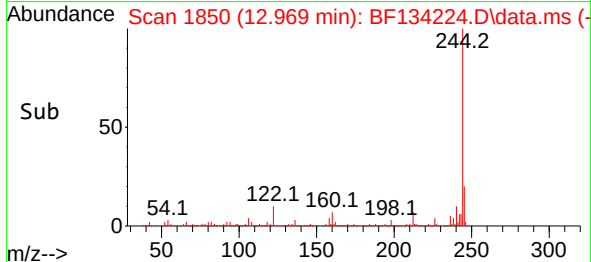
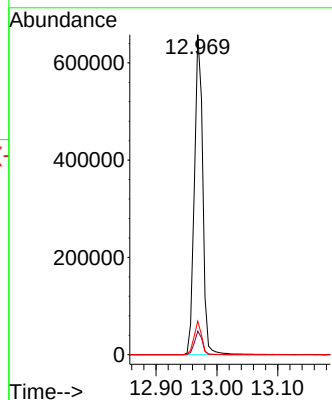
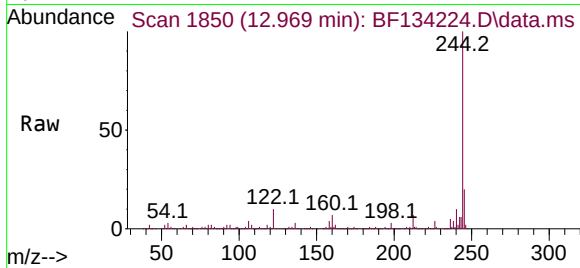




#79
 Terphenyl-d14
 Concen: 45.639 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134224.D
 Acq: 11 Jul 2023 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 622885
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134224.D
 Acq: 11 Jul 2023 21:23

Tgt Ion:264 Resp: 209832
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.5 29.3
 265 21.1 16.6 25.0

