

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134222.D
 Acq On : 11 Jul 2023 20:15
 Operator : CG\JU
 Sample : 03509-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:55:56 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)

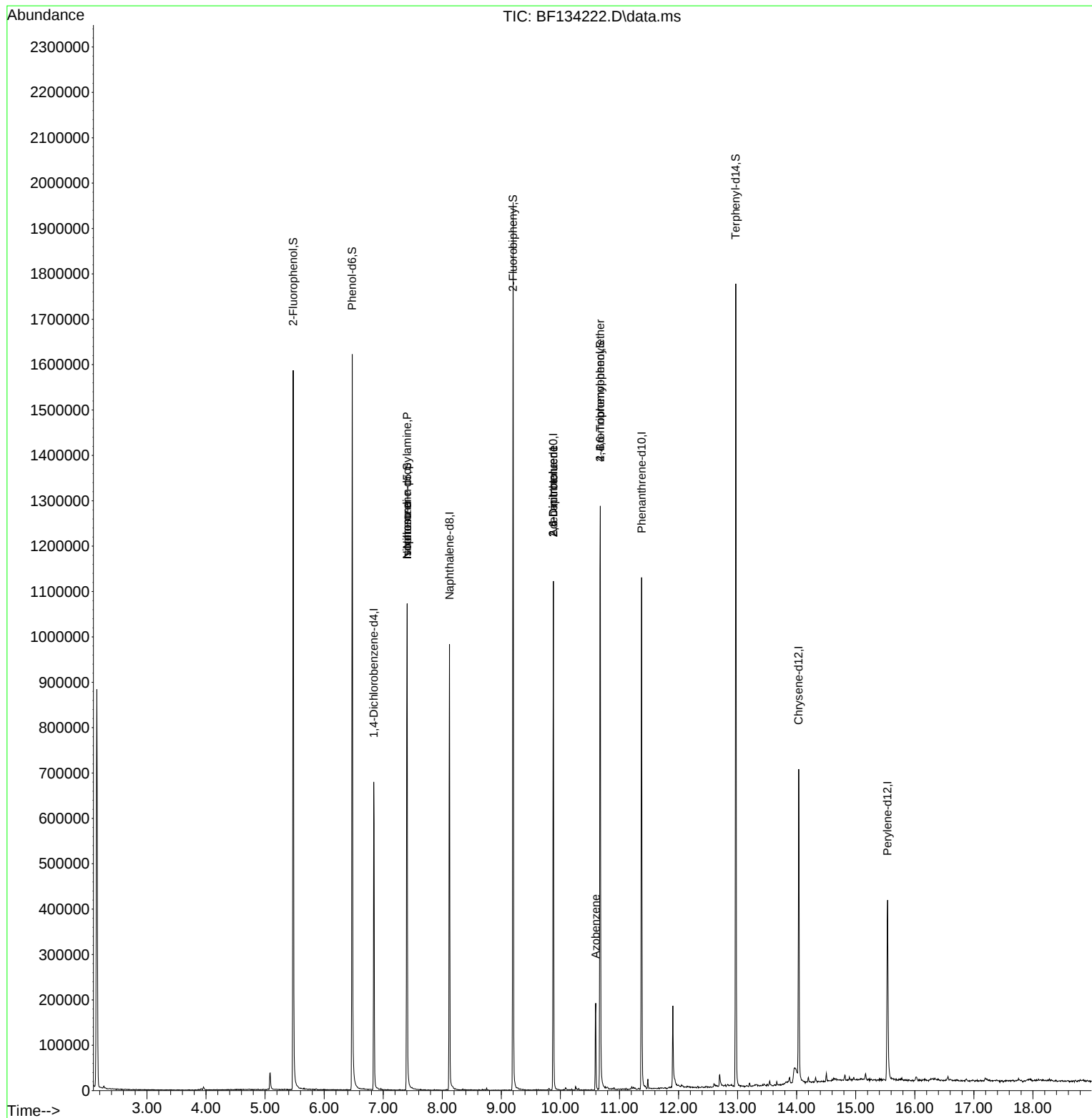
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	100717	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	403171	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	205728	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	410083	20.000	ng	0.00
76) Chrysene-d12	14.033	240	223614	20.000	ng	0.00
86) Perylene-d12	15.539	264	201330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	389909	64.758	ng	0.00
7) Phenol-d6	6.475	99	476829	64.396	ng	-0.01
23) Nitrobenzene-d5	7.404	82	316214	42.279	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	164904	63.931	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	553068	39.086	ng	0.00
79) Terphenyl-d14	12.969	244	588441	42.352	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.475	77	822	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	45259	9.638	ng	# 73
25) Isophorone	7.404	82	316214	23.263	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	25659	7.977	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	25659	6.041	ng	# 22
63) Azobenzene	10.598	77	35383	2.404	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	9967	2.287	ng	# 1

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

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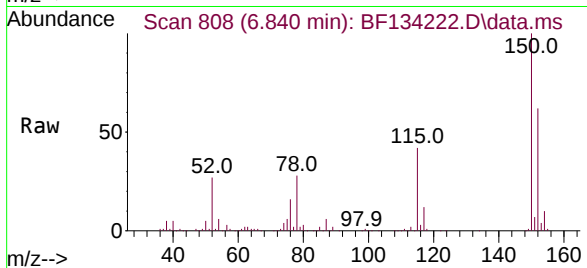
Quant Time: Jul 12 01:55:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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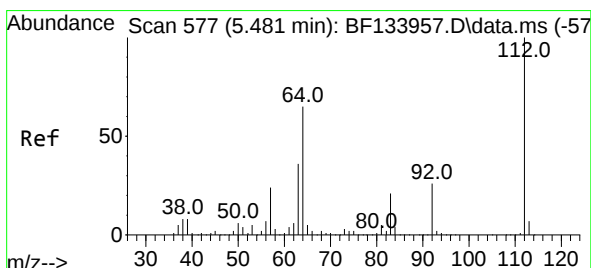
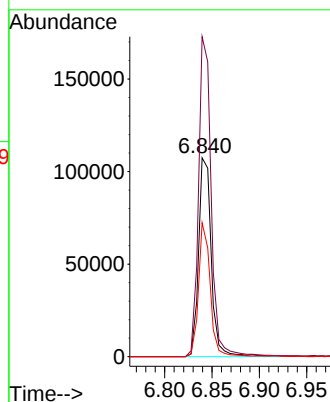
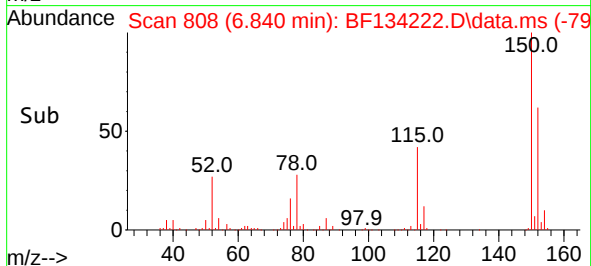


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

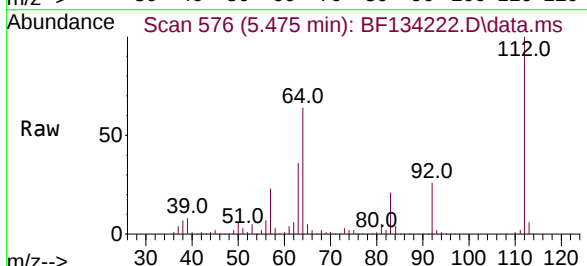
Instrument :
BNA_F
ClientSampleId :



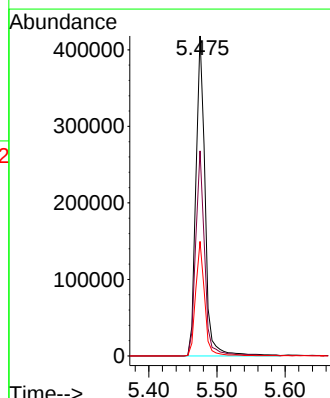
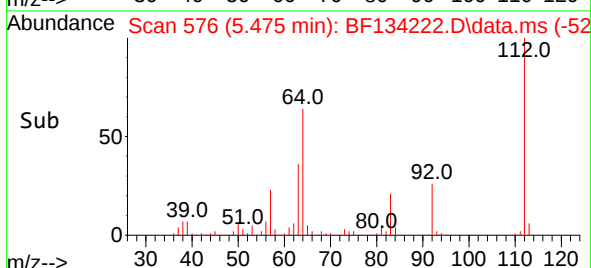
Tgt Ion:152 Resp: 100717
Ion Ratio Lower Upper
152 100
150 160.9 124.5 186.7
115 67.3 50.2 75.2



#5
2-Fluorophenol
Concen: 64.758 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15



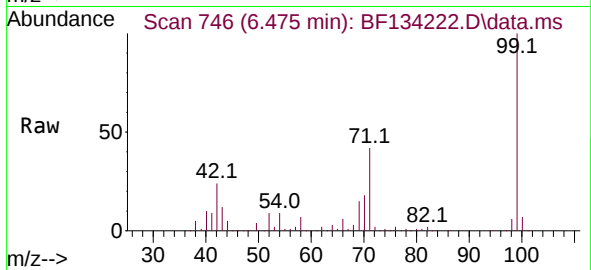
Tgt Ion:112 Resp: 389909
Ion Ratio Lower Upper
112 100
64 64.1 52.1 78.1
63 35.8 28.6 42.8



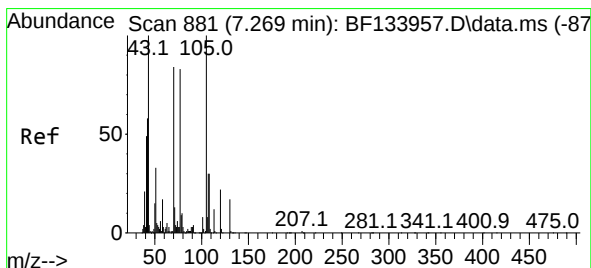
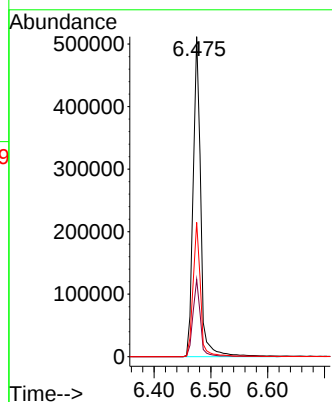
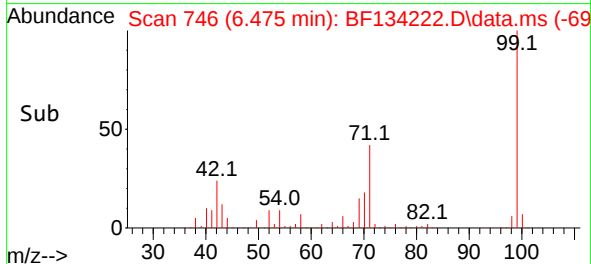


#7
Phenol-d6
Concen: 64.396 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

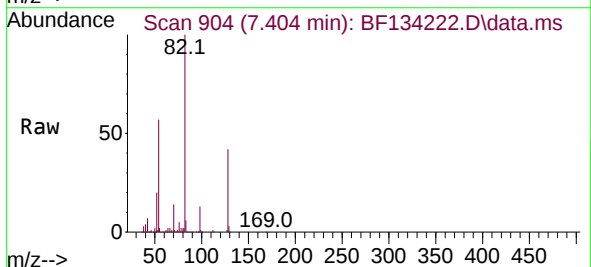
Instrument :
BNA_F
ClientSampleId :



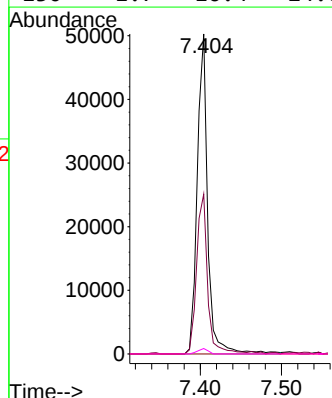
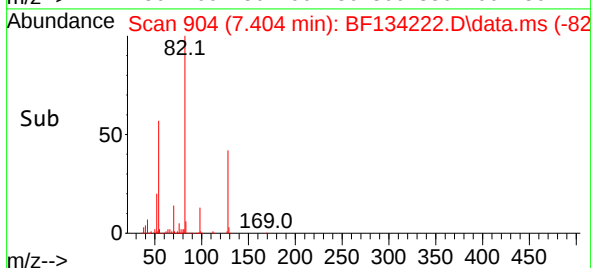
Tgt Ion: 99 Resp: 476829
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 42.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 9.638 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15



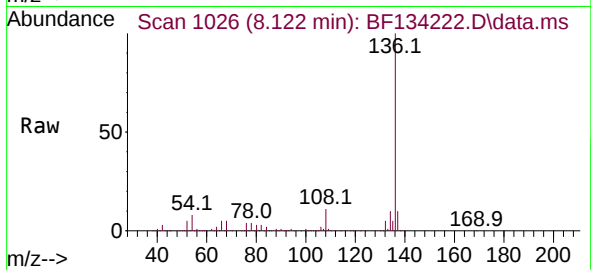
Tgt Ion: 70 Resp: 45259
Ion Ratio Lower Upper
70 100
42 50.0 54.7 82.1#
101 0.0 7.7 11.5#
130 1.7 16.4 24.6#



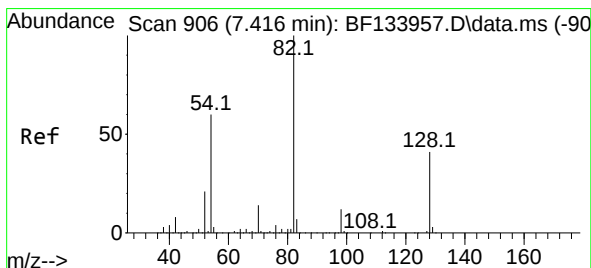
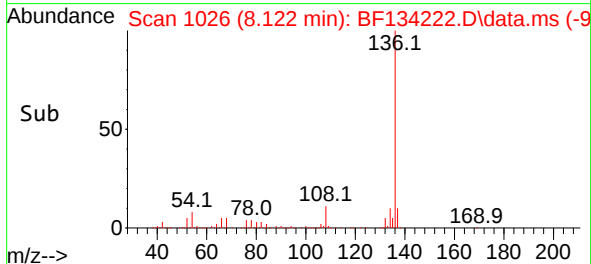
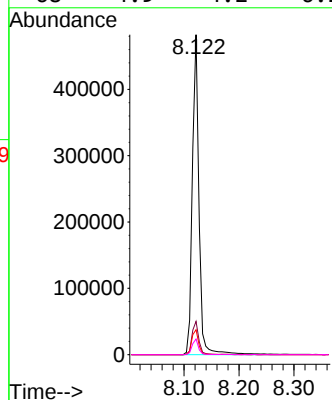


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

Instrument :
BNA_F
ClientSampleId :

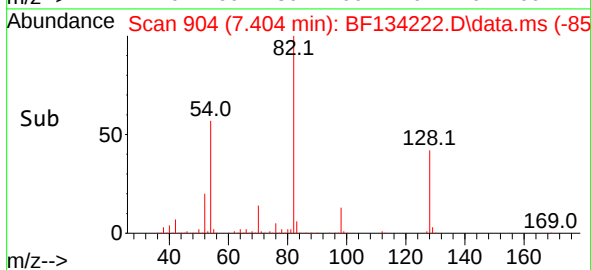
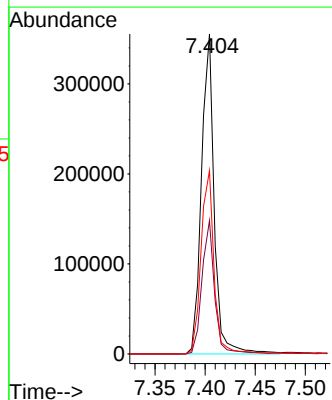
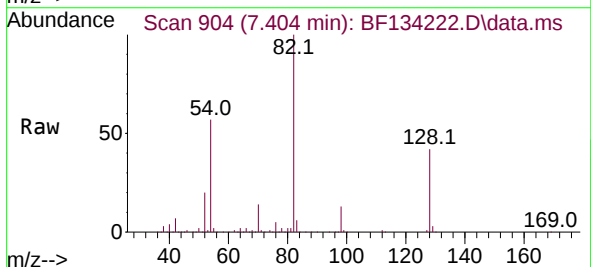


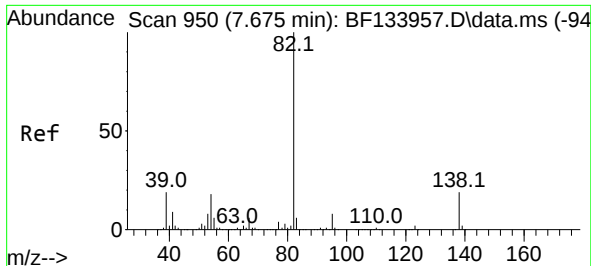
Tgt Ion:136 Resp: 403171
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.8 6.5 9.7
68 4.9 4.2 6.2



#23
Nitrobenzene-d5
Concen: 42.279 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

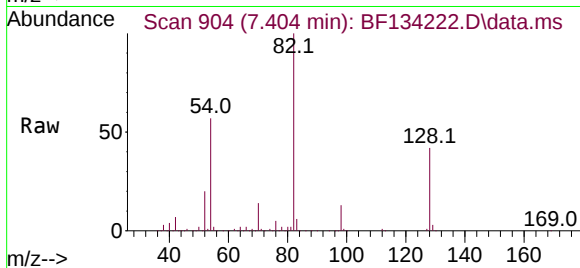
Tgt Ion: 82 Resp: 316214
Ion Ratio Lower Upper
82 100
128 41.7 32.5 48.7
54 57.3 48.2 72.2



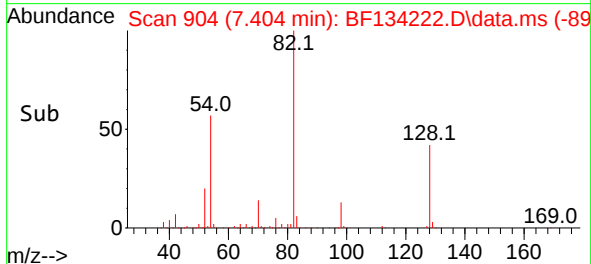
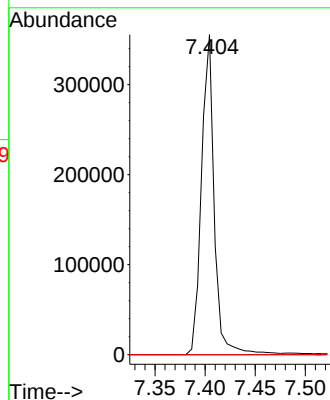


#25
Isophorone
Concen: 23.263 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

Instrument :
BNA_F
ClientSampleId :

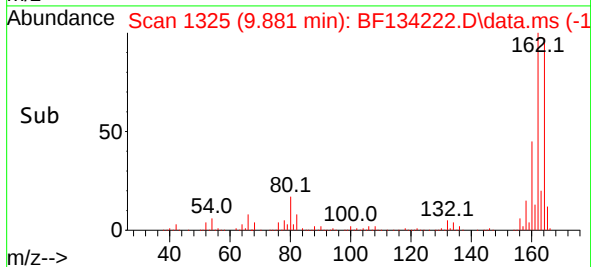
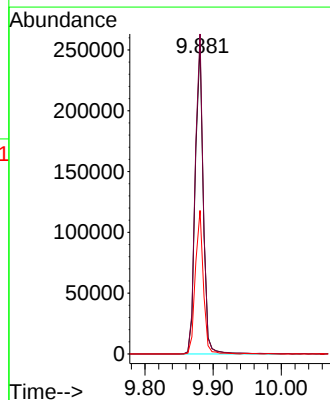
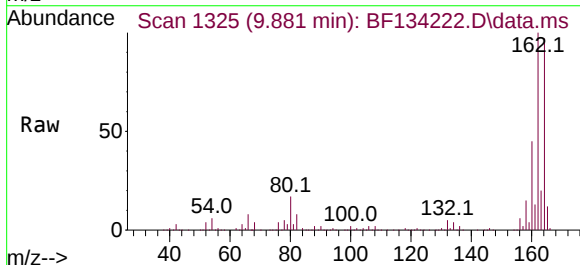


Tgt Ion: 82 Resp: 316214
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

Tgt Ion:164 Resp: 205728
Ion Ratio Lower Upper
164 100
162 103.3 80.0 120.0
160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 63.931 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

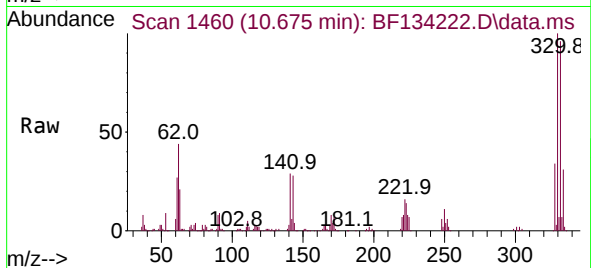
Lab File: BF134222.D

Acq: 11 Jul 2023 20:15

Instrument :

BNA_F

ClientSampleId :



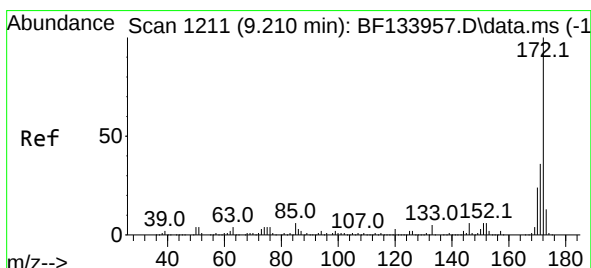
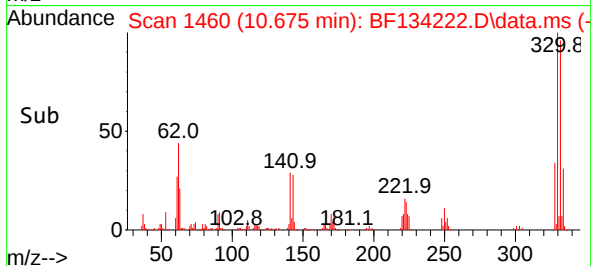
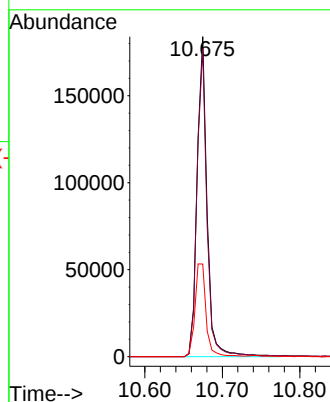
Tgt Ion:330 Resp: 164904

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 32.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 39.086 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134222.D

Acq: 11 Jul 2023 20:15

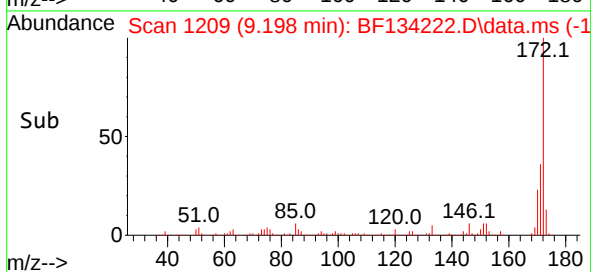
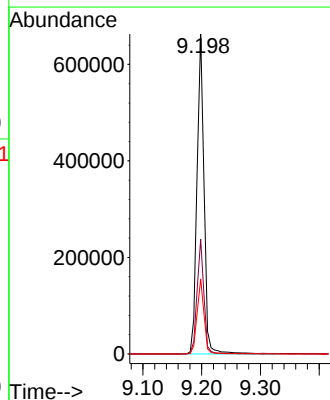
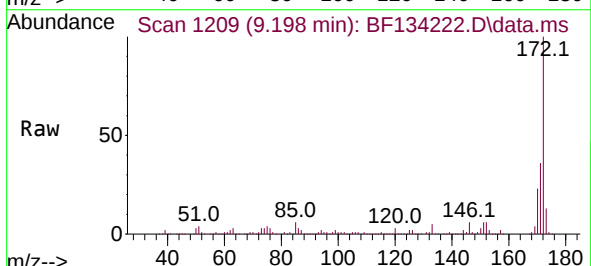
Tgt Ion:172 Resp: 553068

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.5 19.4 29.0

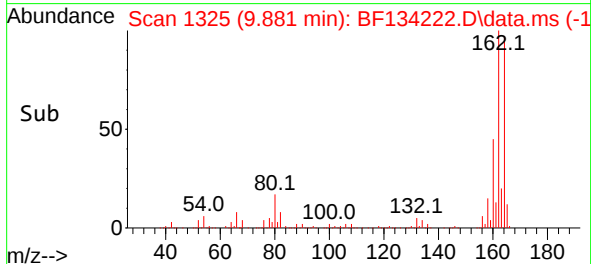
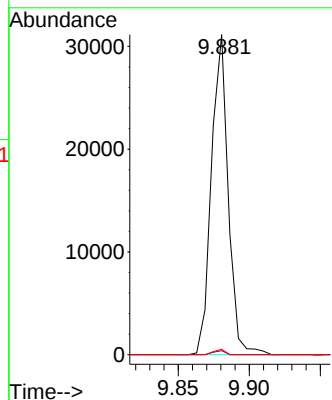
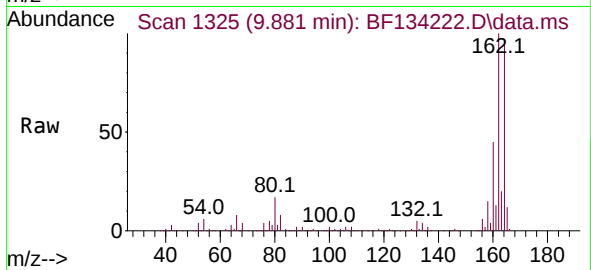




#51
2,6-Dinitrotoluene
Concen: 7.977 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

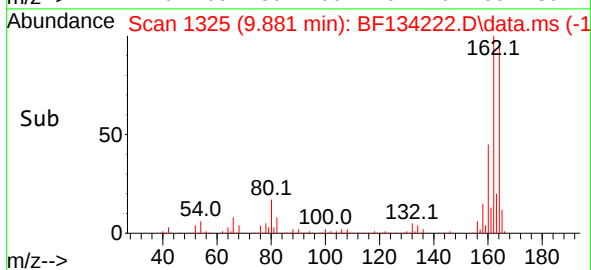
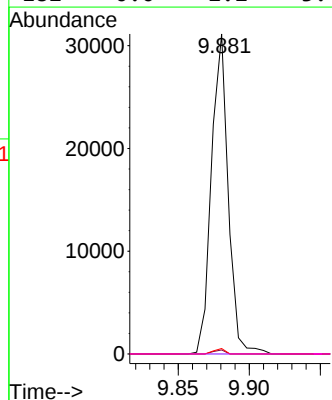
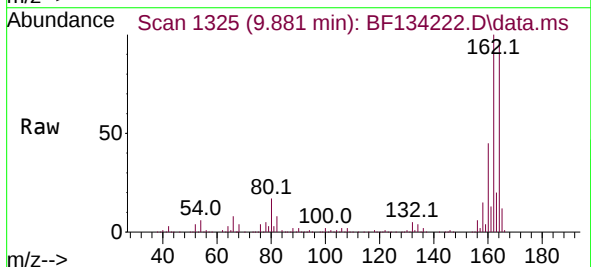
Instrument :
BNA_F
ClientSampleId :

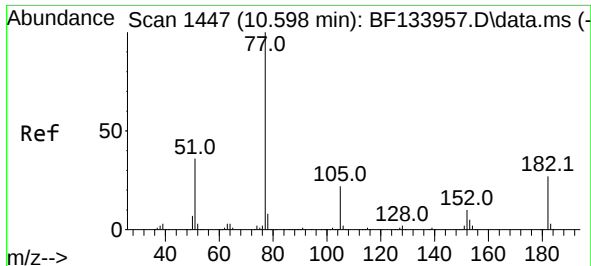
Tgt Ion:165 Resp: 25659
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.7 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.041 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

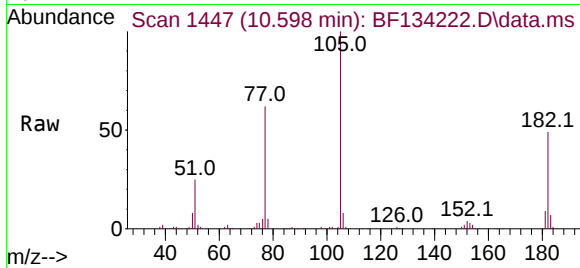
Tgt Ion:165 Resp: 25659
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.7 57.4 86.2#
182 0.0 2.2 3.4#



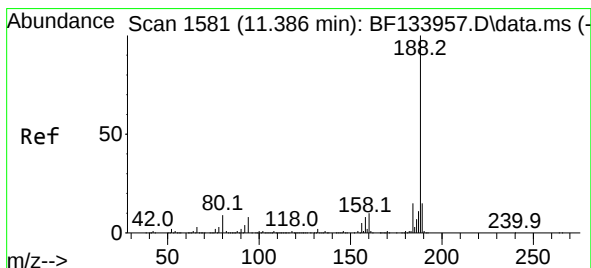
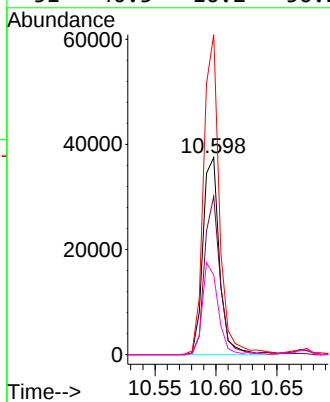
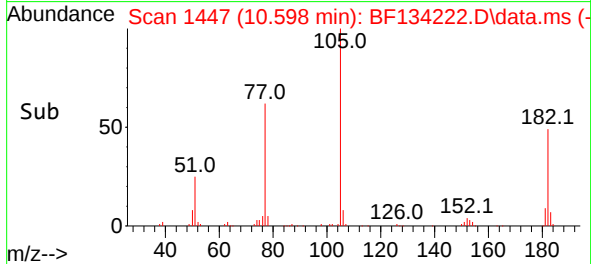


#63
Azobenzene
Concen: 2.404 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

Instrument :
BNA_F
ClientSampleId :

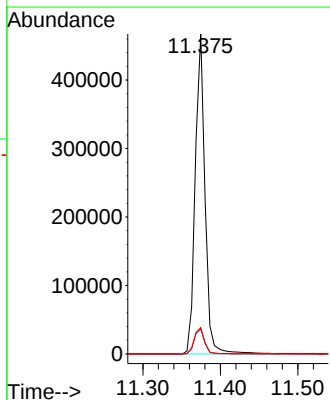
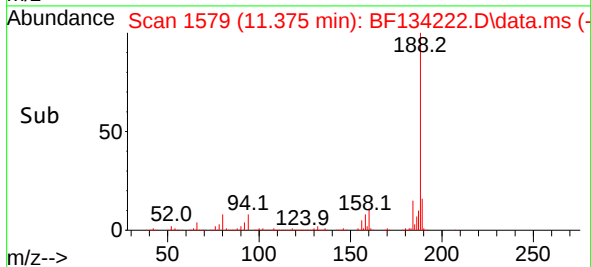
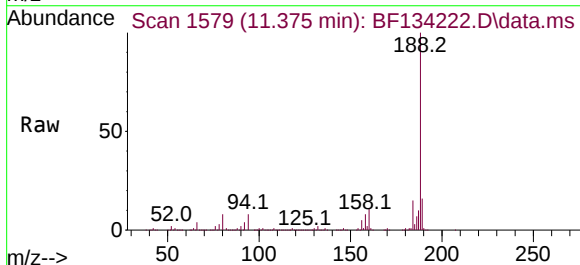


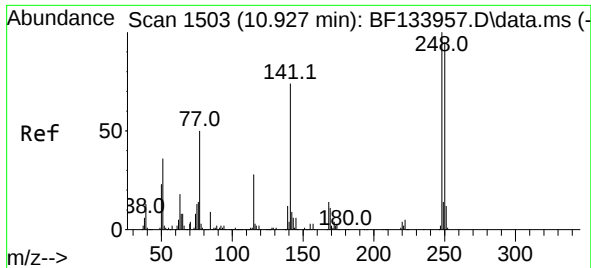
Tgt Ion: 77 Resp: 35383
Ion Ratio Lower Upper
77 100
182 80.3 6.8 46.8#
105 162.3 2.3 42.3#
51 40.5 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

Tgt Ion:188 Resp: 410083
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 8.3 7.3 10.9

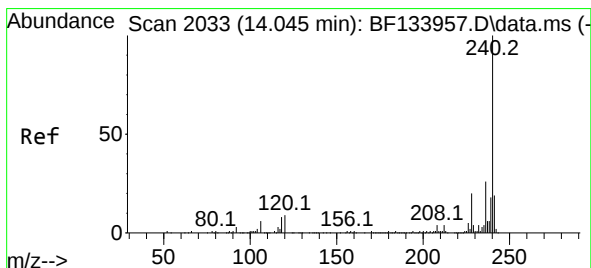
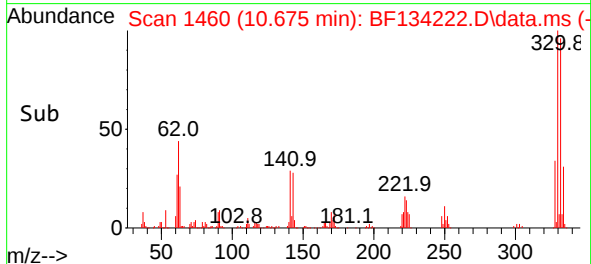
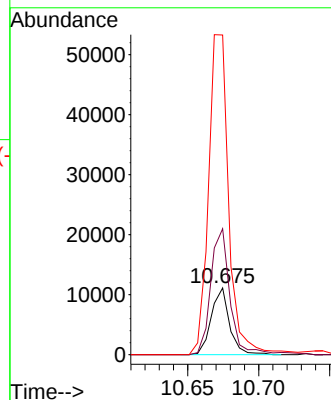
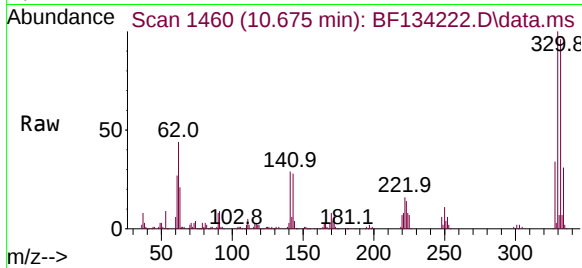




#67
4-Bromophenyl-phenylether
Concen: 2.287 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

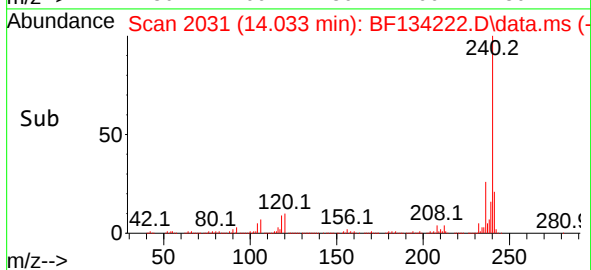
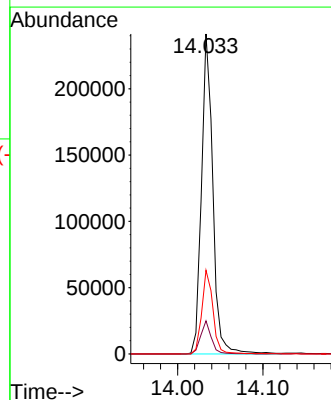
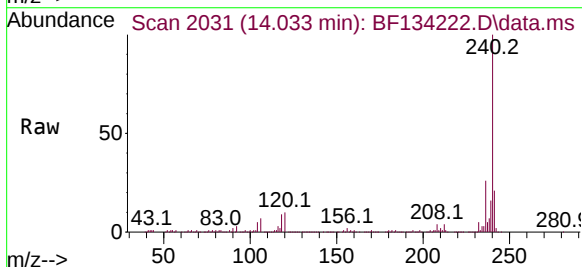
Instrument :
BNA_F
ClientSampleId :

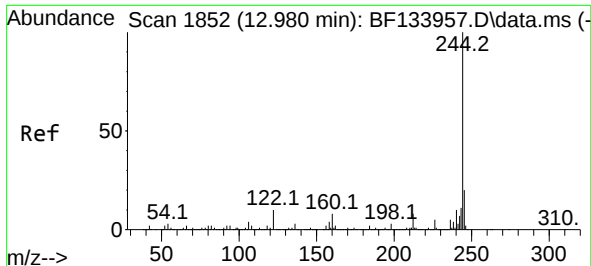
Tgt Ion:248 Resp: 9967
Ion Ratio Lower Upper
248 100
250 188.7 76.2 114.4#
141 479.1 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134222.D
Acq: 11 Jul 2023 20:15

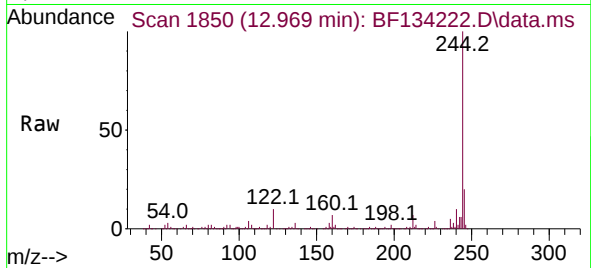
Tgt Ion:240 Resp: 223614
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 26.1 21.0 31.6



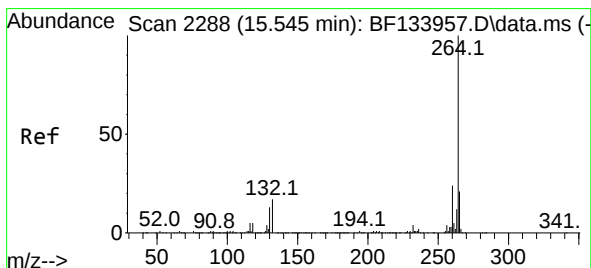
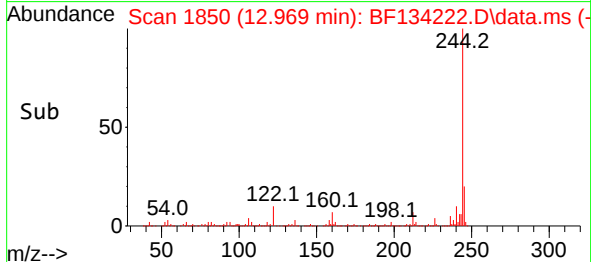
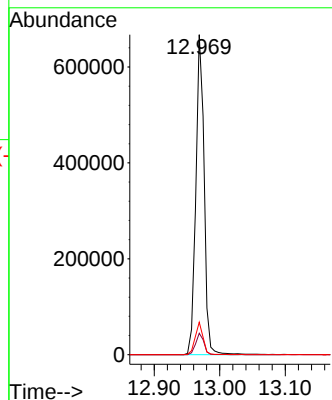


#79
 Terphenyl-d14
 Concen: 42.352 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134222.D
 Acq: 11 Jul 2023 20:15

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 588441
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 10.2 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: BF134222.D
 Acq: 11 Jul 2023 20:15

Tgt Ion:264 Resp: 201330
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.6 16.6 25.0

