

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134114.D
 Acq On : 07 Jul 2023 00:47
 Operator : CG\JU
 Sample : 03375-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-5-062123

Quant Time: Jul 07 01:34:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

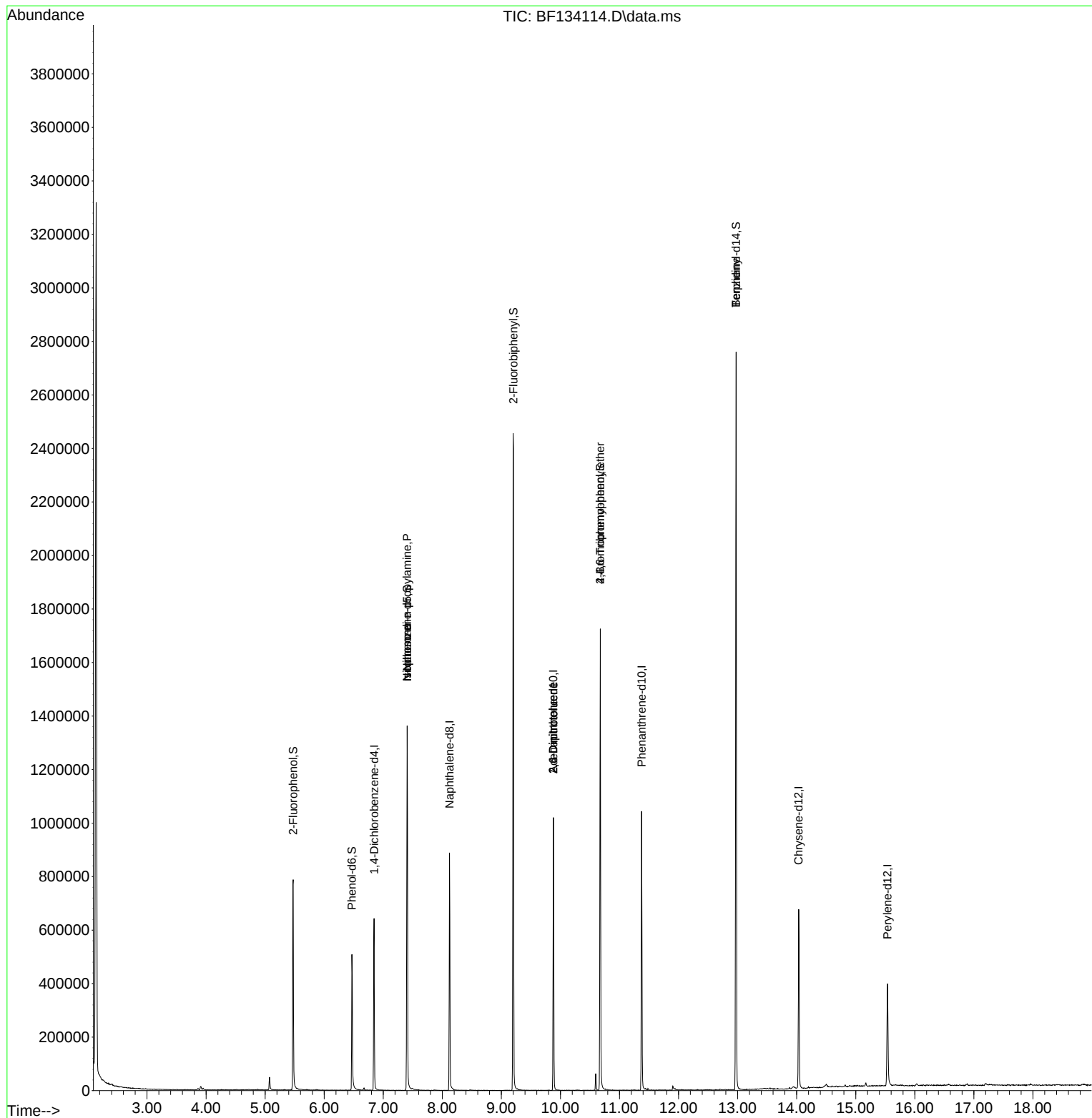
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95498	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	375465	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	185568	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	367228	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	233867	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	194677	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	220089	38.551	ng	-0.01
7) Phenol-d6	6.469	99	160968	22.927	ng	-0.02
23) Nitrobenzene-d5	7.404	82	414879	59.564	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	197853	85.038	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	773222	60.581	ng	0.00
79) Terphenyl-d14	12.974	244	962723	66.252	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	59	Below Cal	#	24
19) n-Nitroso-di-n-propyla...	7.404	70	58662	13.175	ng	# 77
25) Isophorone	7.404	82	414918	32.777	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	24404	8.411	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	24404	6.369	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	12601	3.228	ng	# 1
77) Benzidine	12.974	184	13616	2.447	ng	# 93

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

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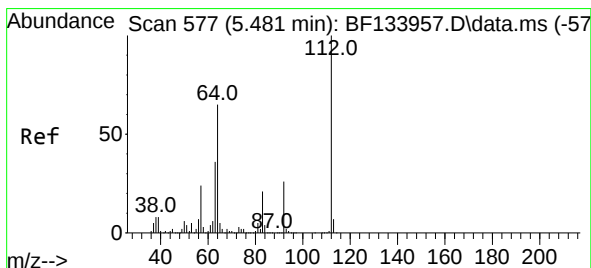
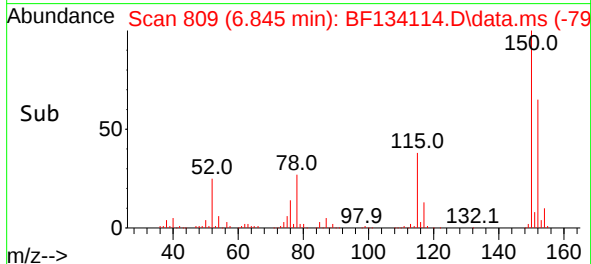
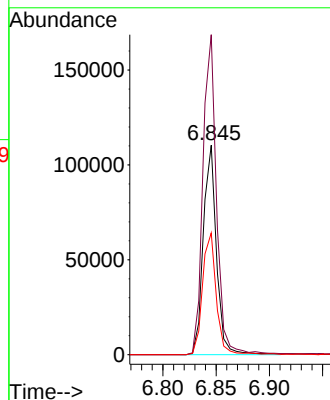
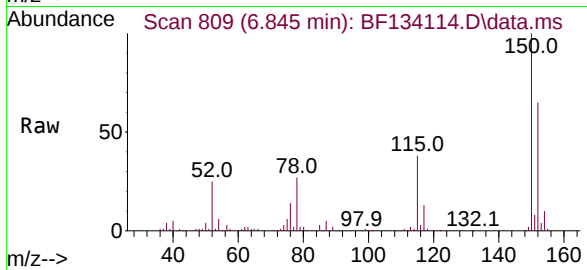




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

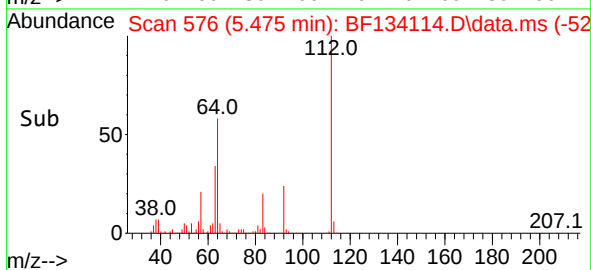
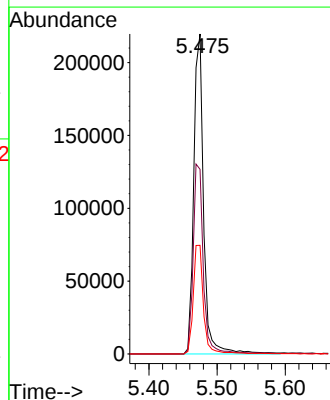
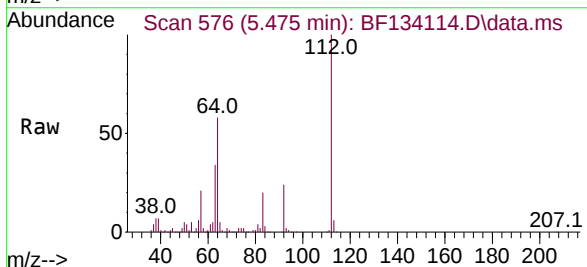
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

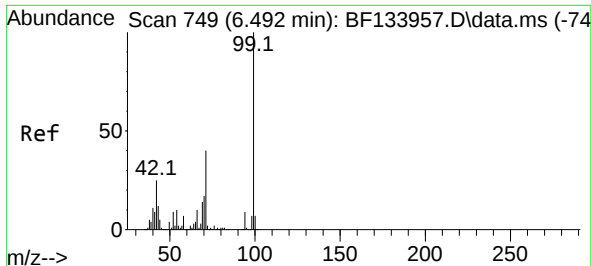
Tgt Ion:152 Resp: 95498
Ion Ratio Lower Upper
152 100
150 152.8 124.5 186.7
115 58.1 50.2 75.2



#5
2-Fluorophenol
Concen: 38.551 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion:112 Resp: 220089
Ion Ratio Lower Upper
112 100
64 57.7 52.1 78.1
63 33.9 28.6 42.8

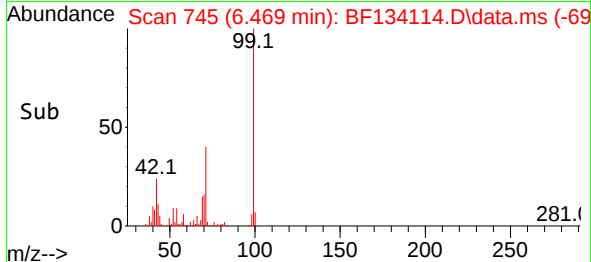
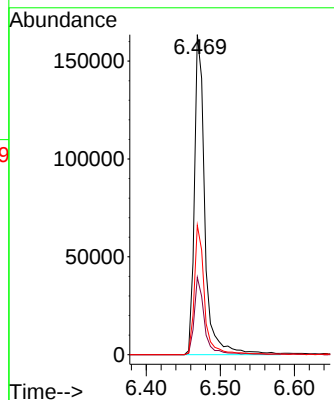
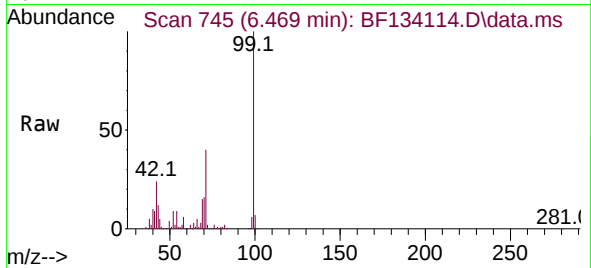




#7
Phenol-d6
Concen: 22.927 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

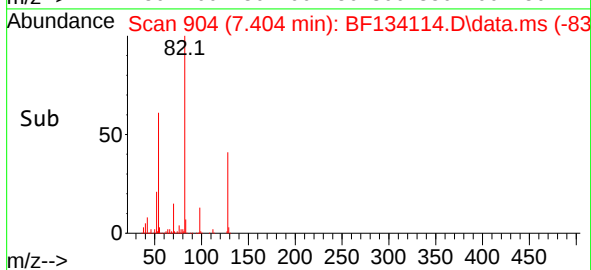
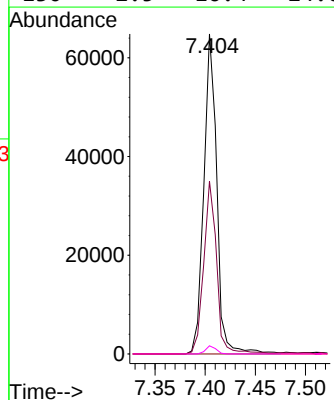
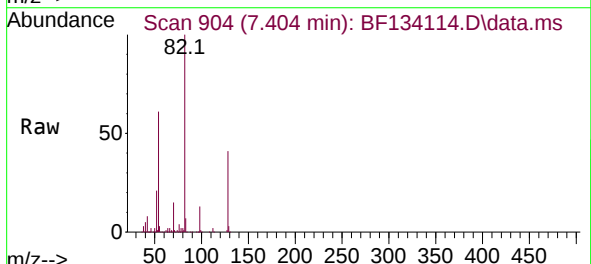
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

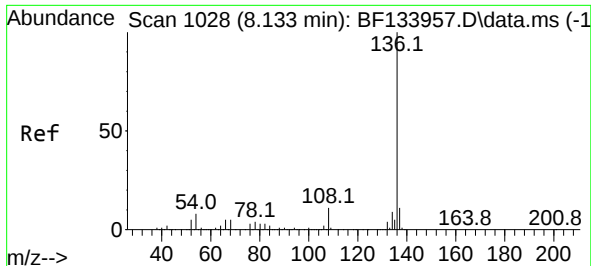
Tgt Ion: 99 Resp: 160968
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 40.4 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.175 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion: 70 Resp: 58662
Ion Ratio Lower Upper
70 100
42 54.0 54.7 82.1#
101 0.0 7.7 11.5#
130 2.5 16.4 24.6#

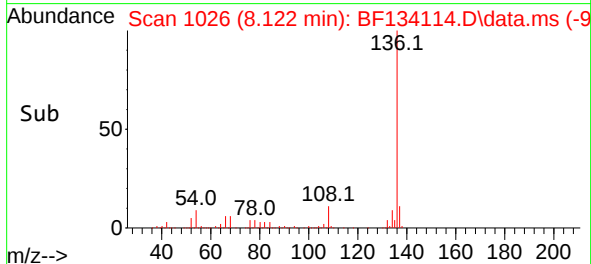
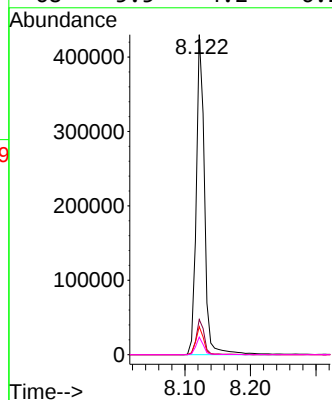
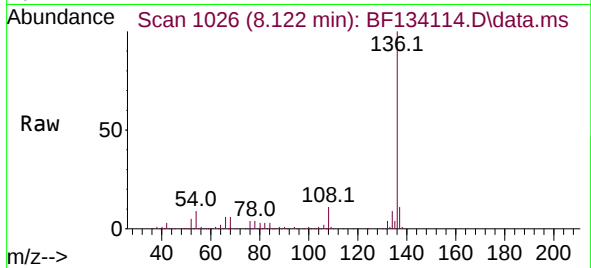




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

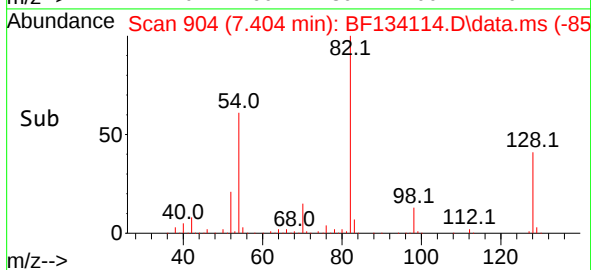
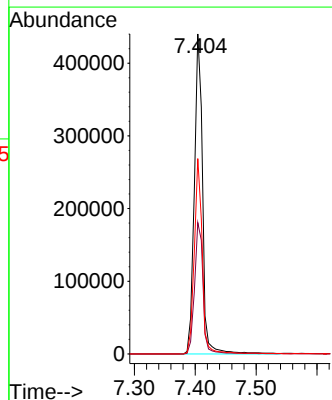
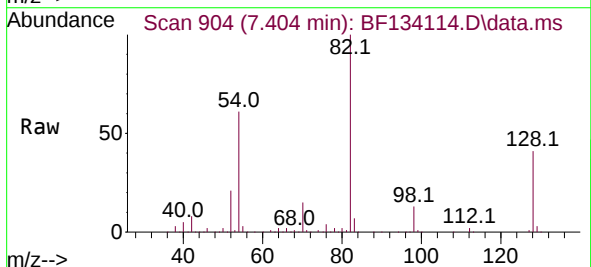
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

Tgt Ion:136 Resp: 375465
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.7 6.5 9.7
68 5.5 4.2 6.2



#23
Nitrobenzene-d5
Concen: 59.564 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion: 82 Resp: 414879
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 61.1 48.2 72.2

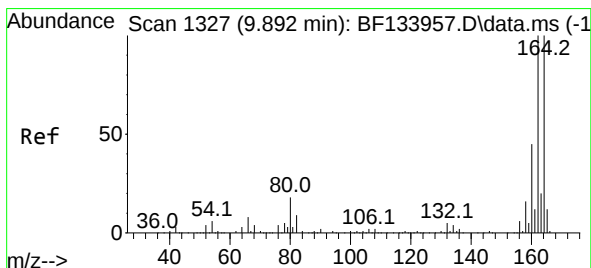
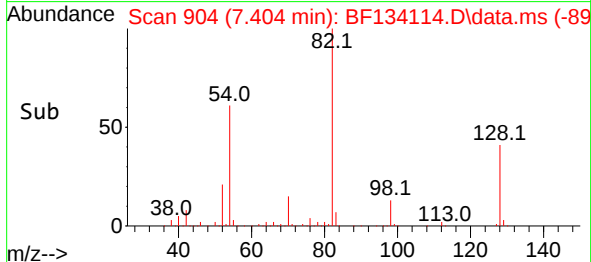
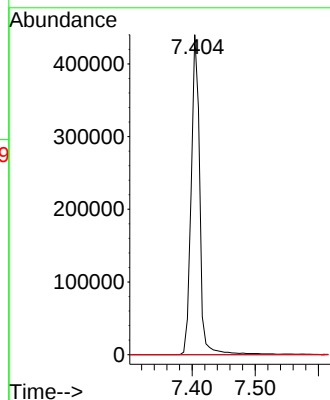
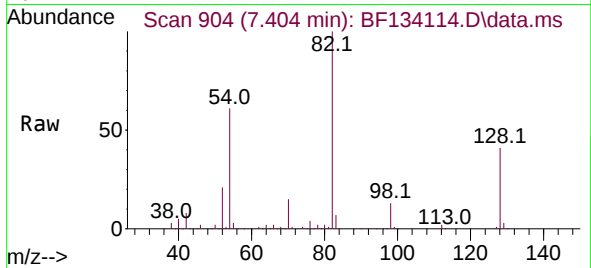




#25
Isophorone
Concen: 32.777 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

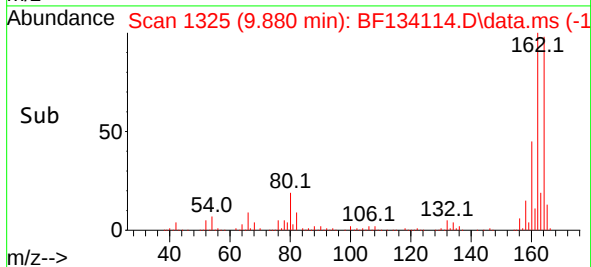
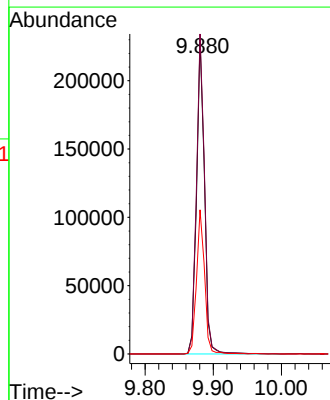
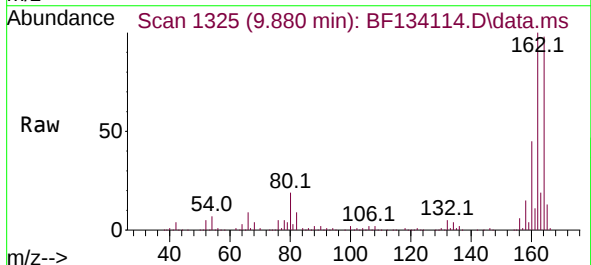
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

Tgt Ion: 82 Resp: 414918
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: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion:164 Resp: 185568
Ion Ratio Lower Upper
164 100
162 101.8 80.0 120.0
160 45.8 35.9 53.9

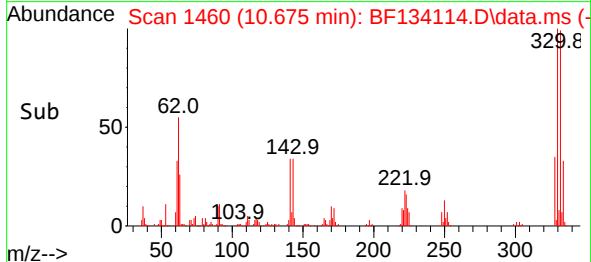
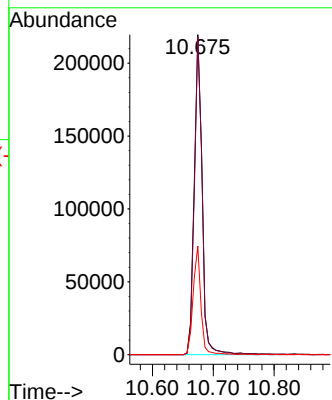
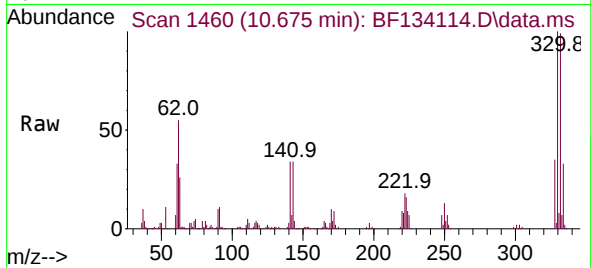




#42
2,4,6-Tribromophenol
Concen: 85.038 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

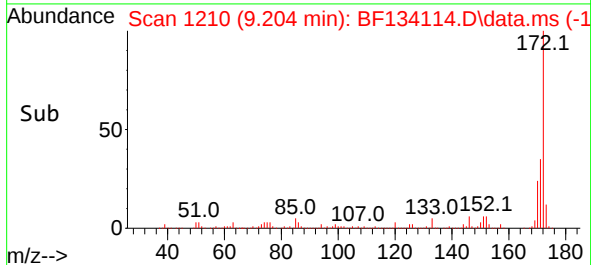
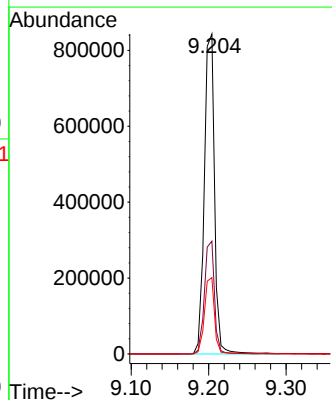
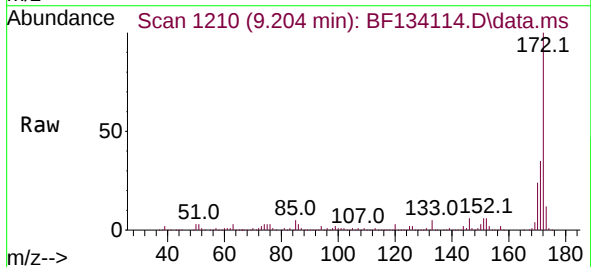
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

Tgt Ion: 330 Resp: 197853
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 60.581 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion: 172 Resp: 773222
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 19.4 29.0

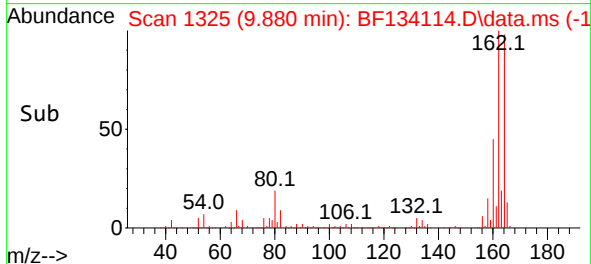
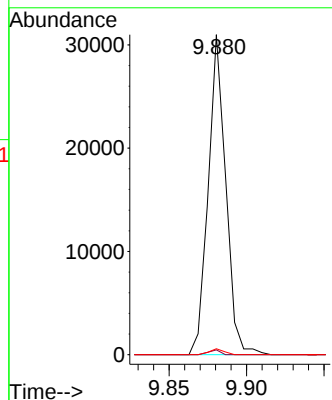
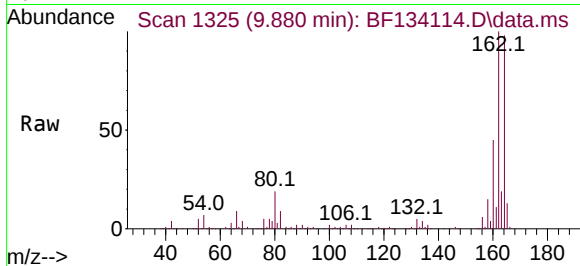




#51
2,6-Dinitrotoluene
Concen: 8.411 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

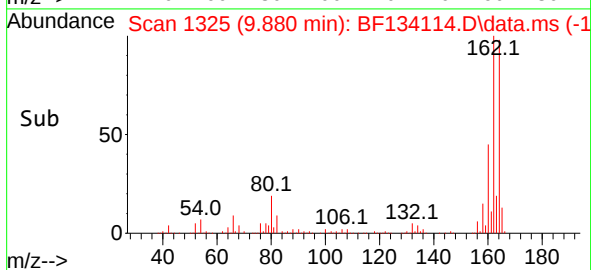
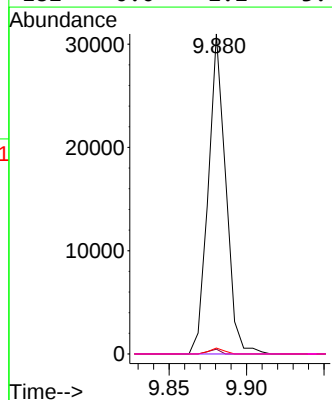
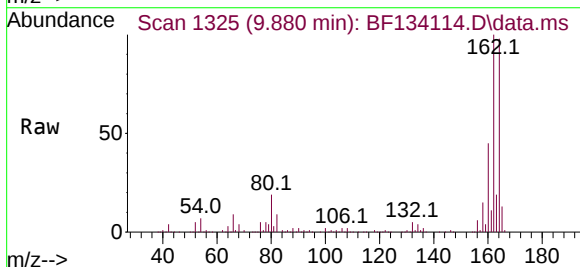
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

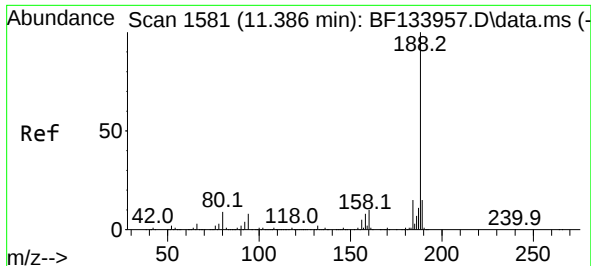
Tgt Ion:165 Resp: 24404
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.8 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.369 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion:165 Resp: 24404
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.8 57.4 86.2#
182 0.0 2.2 3.4#

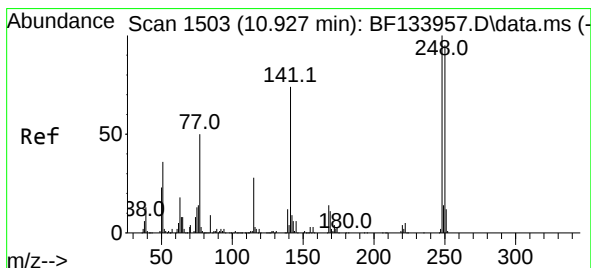
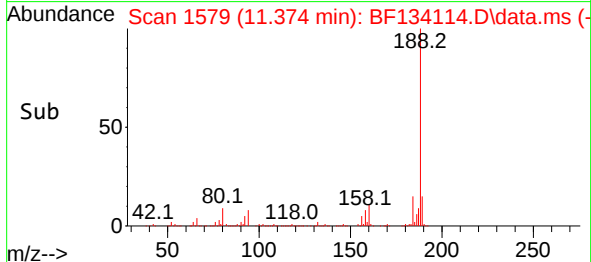
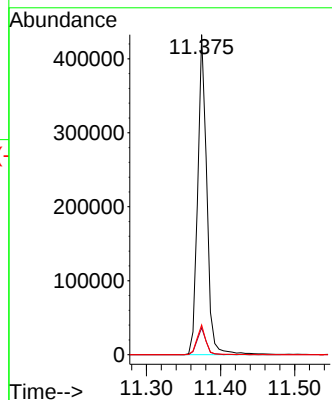
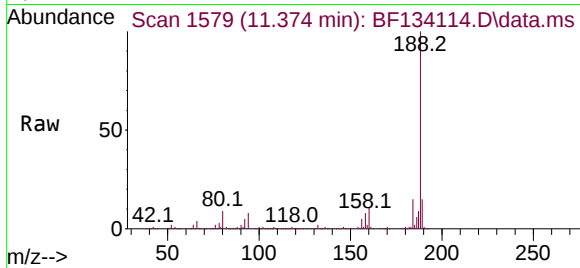




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

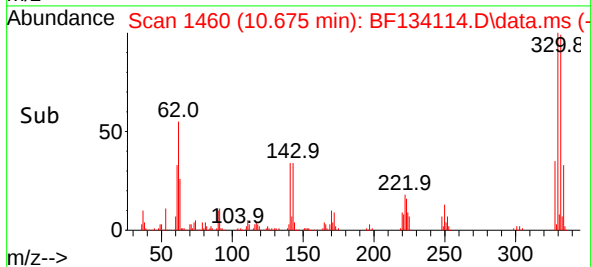
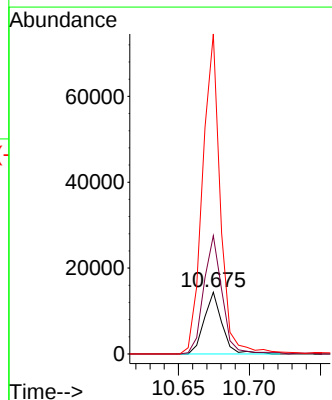
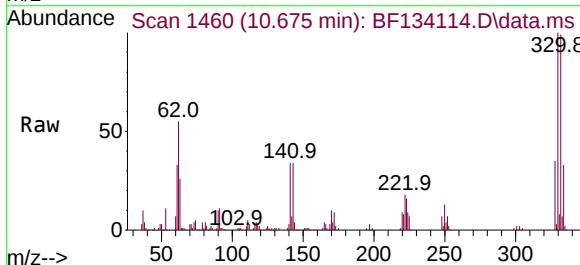
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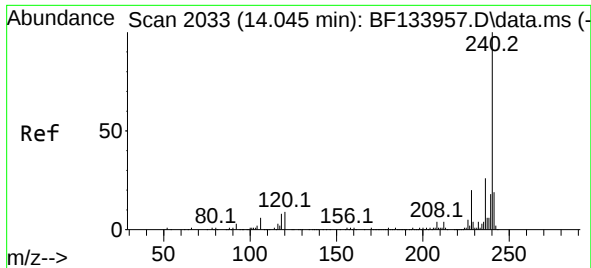
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Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.3 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 3.228 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion:248 Resp: 12601
Ion Ratio Lower Upper
248 100
250 191.7 76.2 114.4#
141 518.5 59.0 88.4#

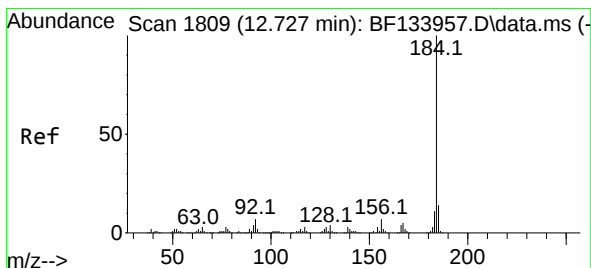
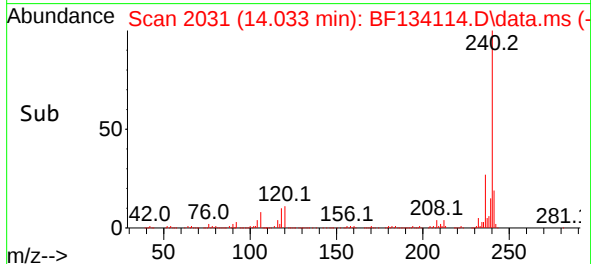
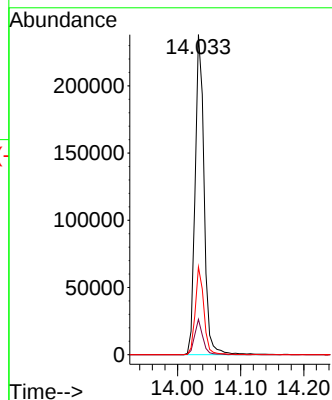
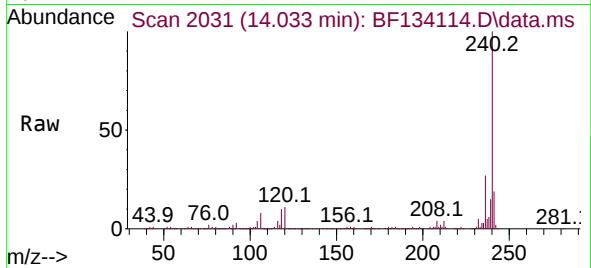




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

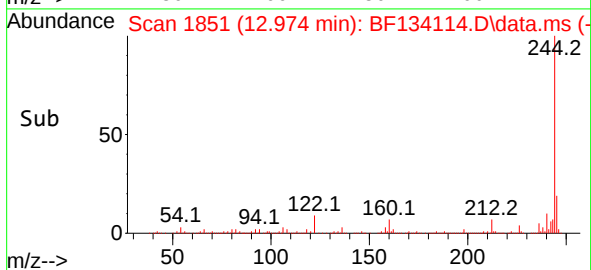
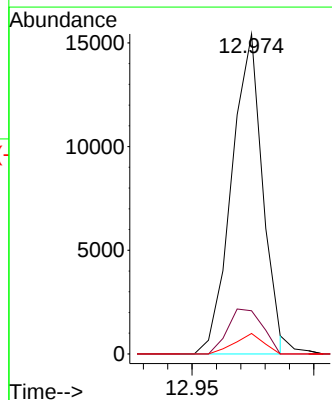
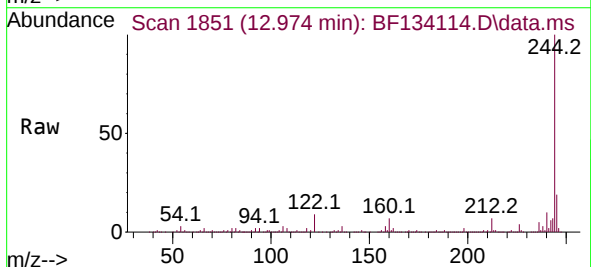
Instrument :
BNA_F
ClientSampleId :
FB-5-062123

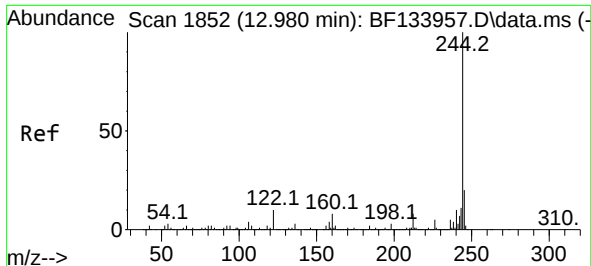
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Ion Ratio Lower Upper
240 100
120 11.1 7.4 11.0#
236 27.4 21.0 31.6



#77
Benzidine
Concen: 2.447 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134114.D
Acq: 07 Jul 2023 00:47

Tgt Ion:184 Resp: 13616
Ion Ratio Lower Upper
184 100
185 13.5 11.6 17.4
183 6.4 8.8 13.2#

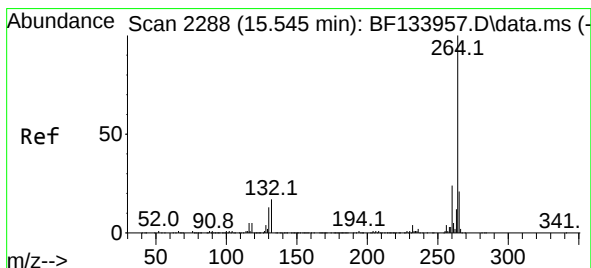
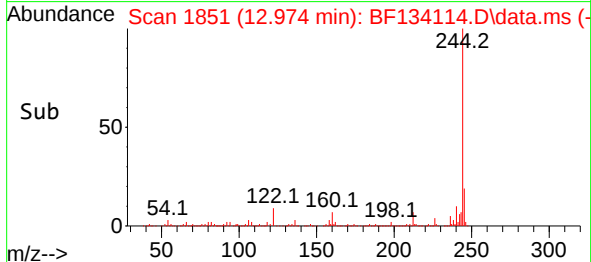
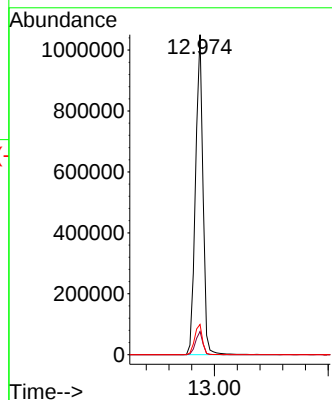
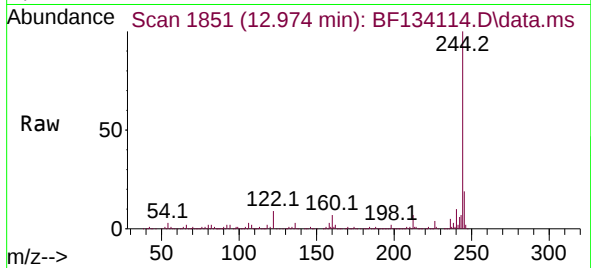




#79
 Terphenyl-d14
 Concen: 66.252 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134114.D
 Acq: 07 Jul 2023 00:47

Instrument :
 BNA_F
 ClientSampleId :
 FB-5-062123

Tgt Ion:244 Resp: 962723
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134114.D
 Acq: 07 Jul 2023 00:47

Tgt Ion:264 Resp: 194677
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.7 16.6 25.0

