

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134196.D
 Acq On : 10 Jul 2023 20:37
 Operator : CG\JU
 Sample : 03514-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 01:57:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 10 18:49:59 2023
 Response via : Initial Calibration

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

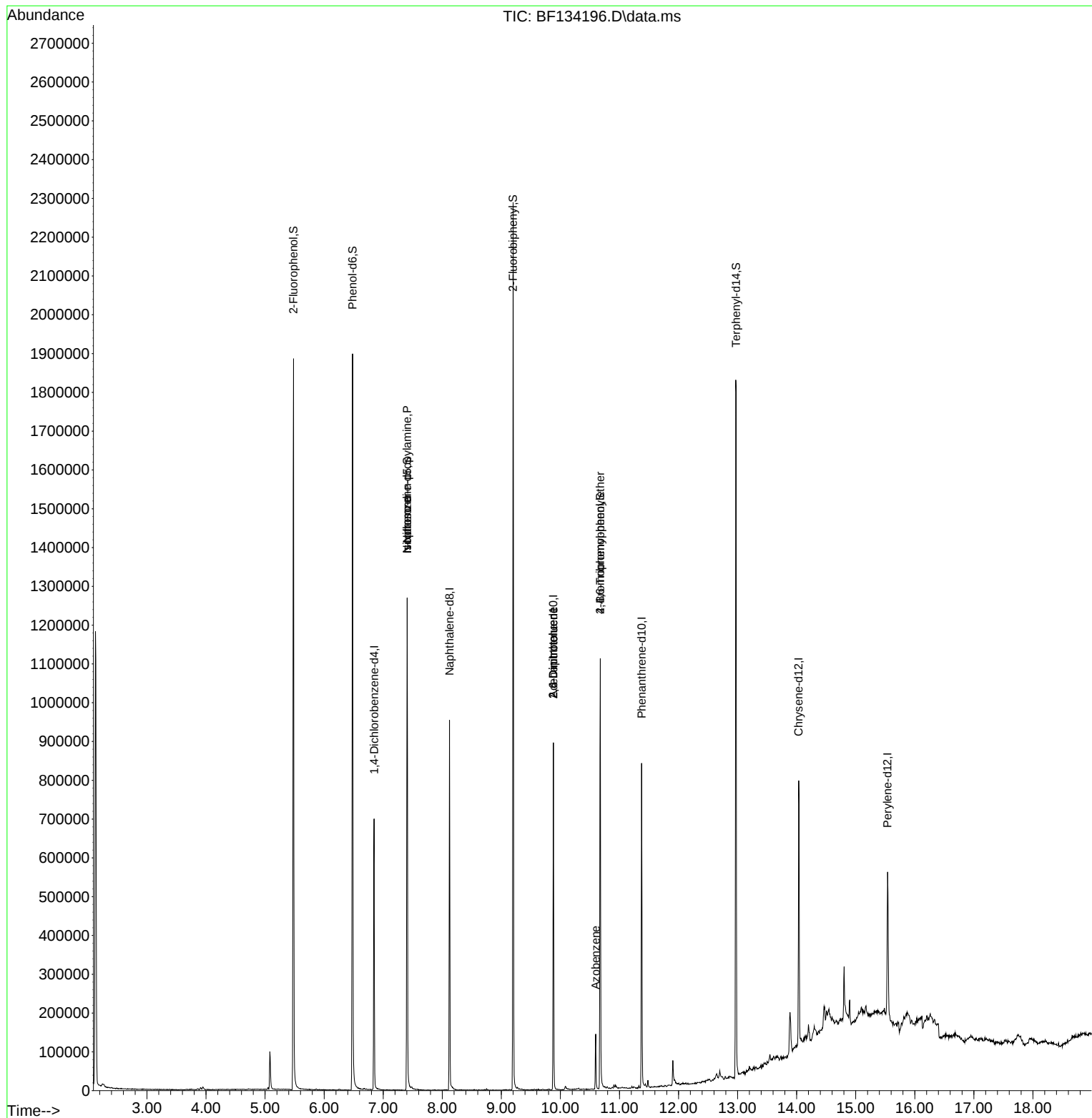
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	100965	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	365730	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	157036	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	298992	20.000	ng	0.00
76) Chrysene-d12	14.033	240	256322	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	189076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	483795	80.154	ng	0.00
7) Phenol-d6	6.481	99	552740	74.465	ng	0.00
23) Nitrobenzene-d5	7.404	82	377385	55.623	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	134223	68.171	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	630275	58.353	ng	0.00
79) Terphenyl-d14	12.974	244	675141	42.391	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	881	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	52627	11.180	ng	# 72
25) Isophorone	7.404	82	377382	30.605	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	19934	8.119	ng	# 22
57) 2,4-Dinitrotoluene	9.881	165	19934	6.148	ng	# 21
63) Azobenzene	10.598	77	25474	2.268	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	8056	2.535	ng	# 1

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

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QLast Update : Mon Jul 10 18:49:59 2023
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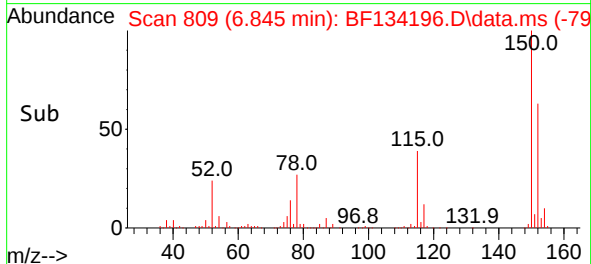
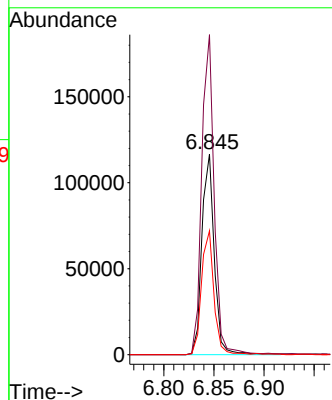
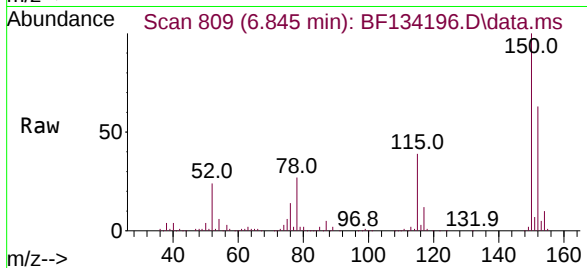




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

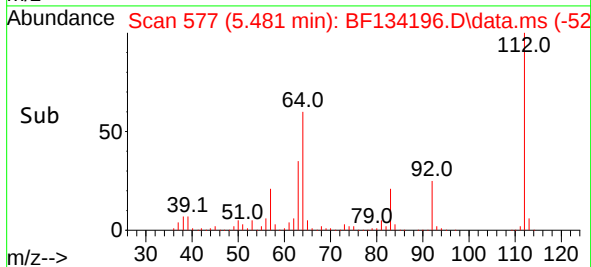
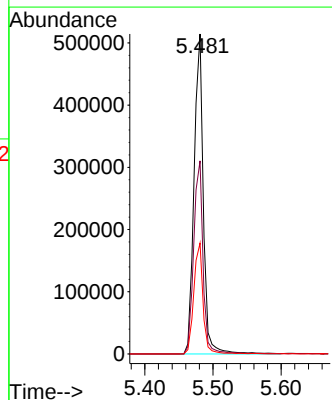
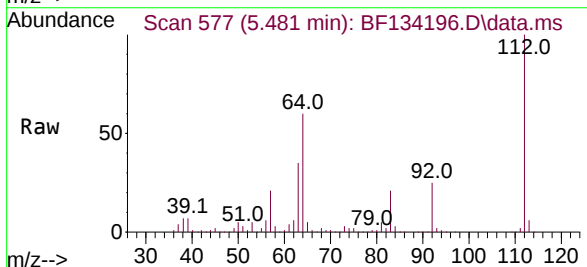
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100965
Ion Ratio Lower Upper
152 100
150 159.4 124.5 186.7
115 61.7 50.2 75.2



#5
2-Fluorophenol
Concen: 80.154 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

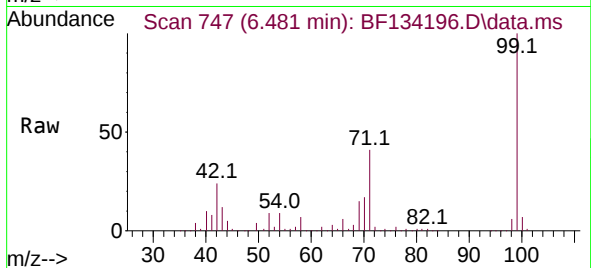
Tgt Ion:112 Resp: 483795
Ion Ratio Lower Upper
112 100
64 60.3 52.1 78.1
63 34.6 28.6 42.8



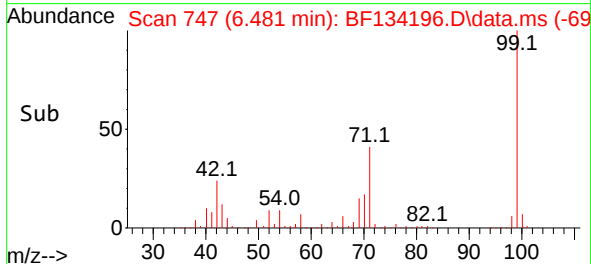
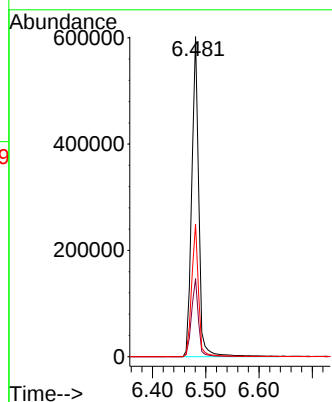


#7
Phenol-d6
Concen: 74.465 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

Instrument :
BNA_F
ClientSampleId :

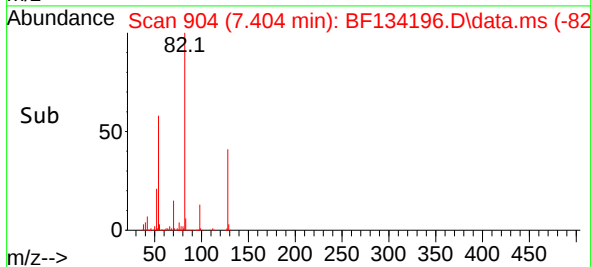
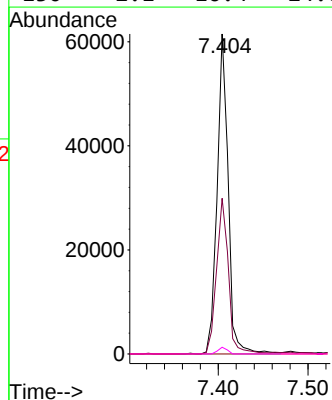
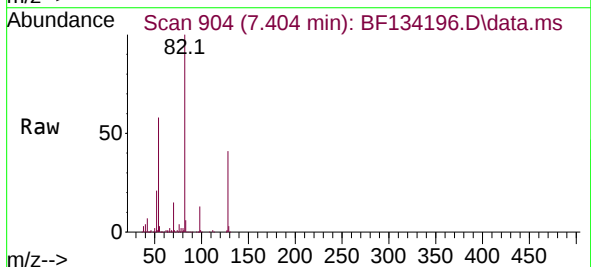


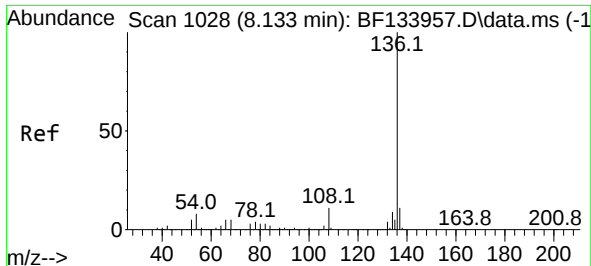
Tgt Ion: 99 Resp: 552740
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.6
71 41.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.180 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

Tgt Ion: 70 Resp: 52627
Ion Ratio Lower Upper
70 100
42 48.6 54.7 82.1#
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#

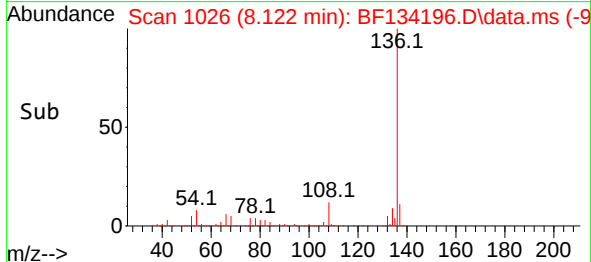
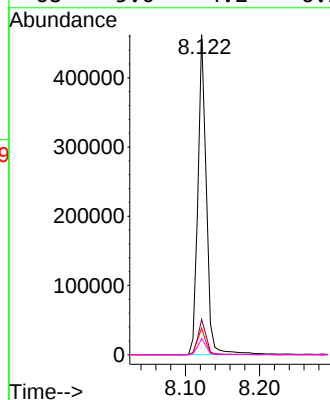
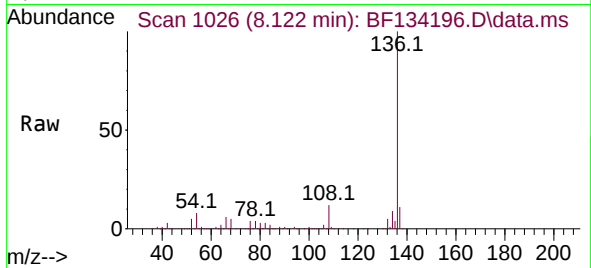




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

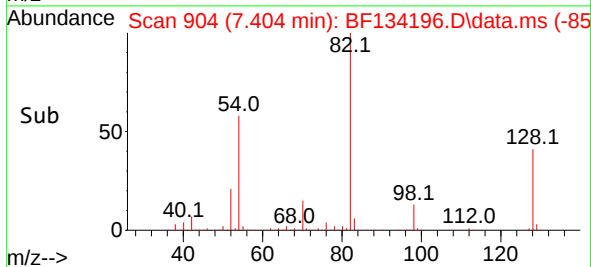
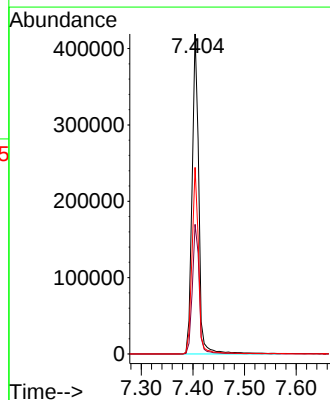
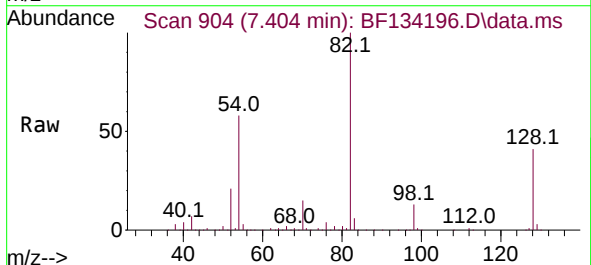
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 365730
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.3 6.5 9.7
68 5.0 4.2 6.2



#23
Nitrobenzene-d5
Concen: 55.623 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

Tgt Ion: 82 Resp: 377385
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 58.3 48.2 72.2

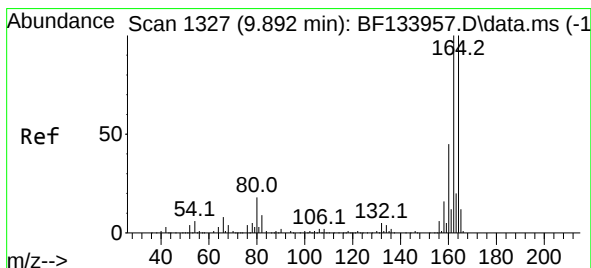
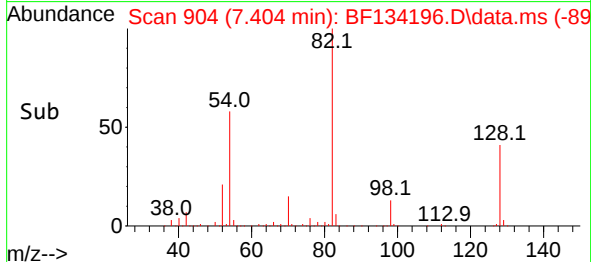
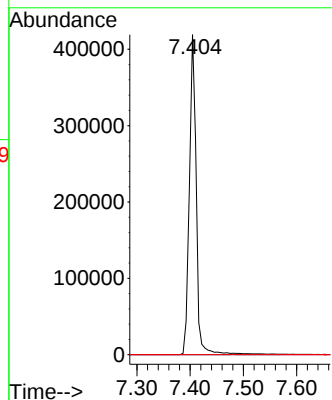
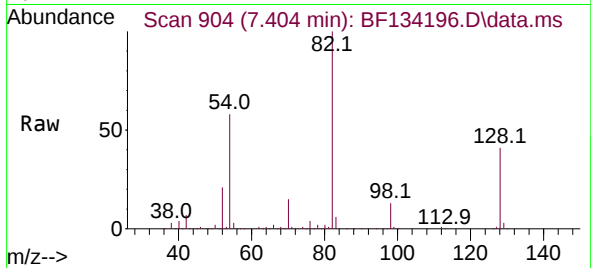




#25
Isophorone
Concen: 30.605 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

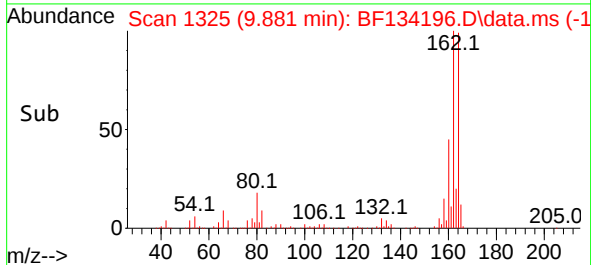
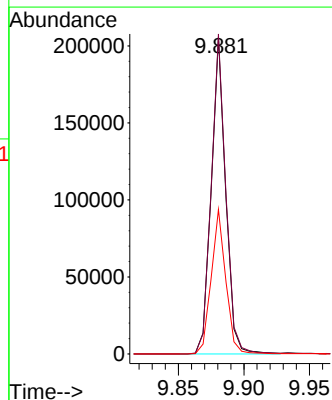
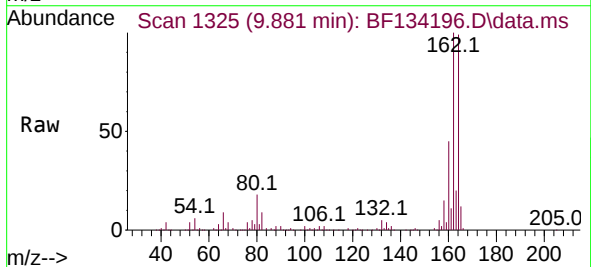
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 377382
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: BF134196.D
Acq: 10 Jul 2023 20:37

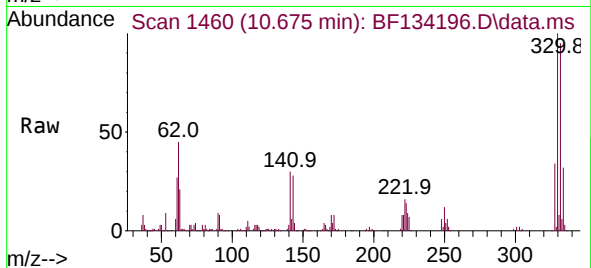
Tgt Ion:164 Resp: 157036
Ion Ratio Lower Upper
164 100
162 101.0 80.0 120.0
160 45.6 35.9 53.9



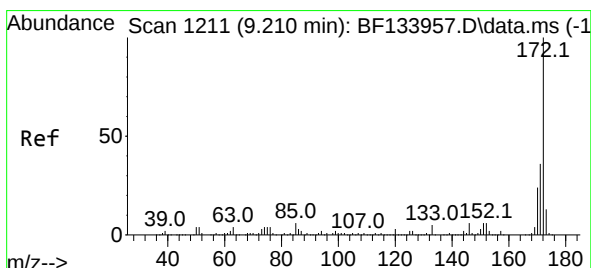
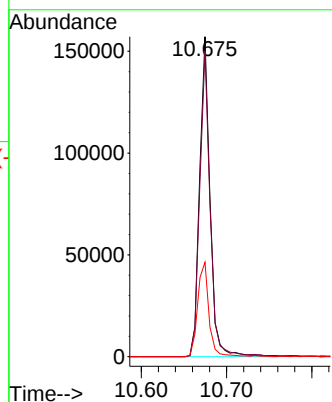
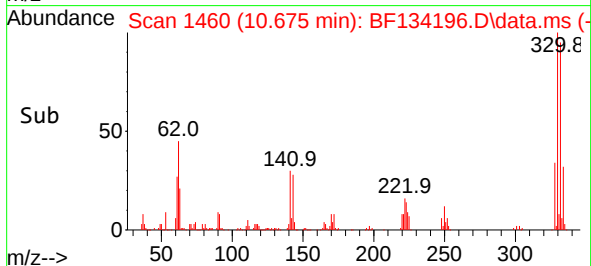


#42
2,4,6-Tribromophenol
Concen: 68.171 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

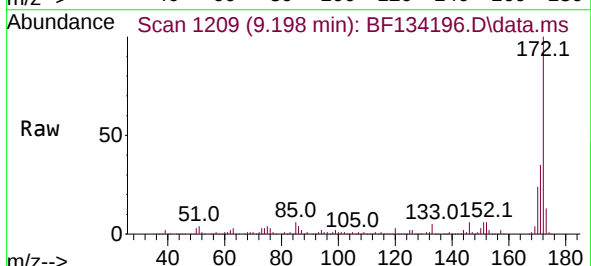
Instrument :
BNA_F
ClientSampleId :



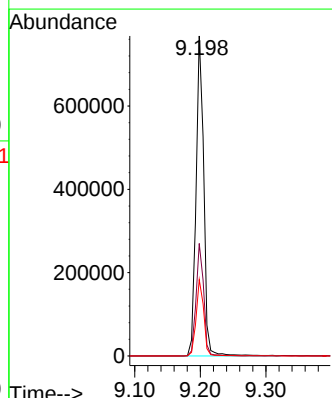
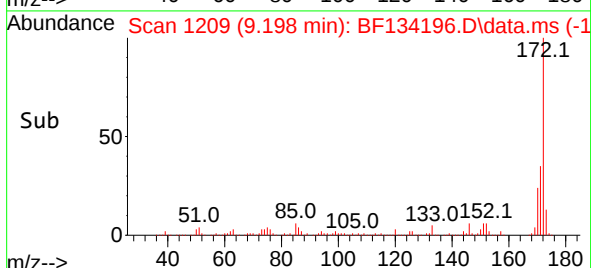
Tgt Ion:330 Resp: 134223
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.6
141 31.6 26.3 39.5

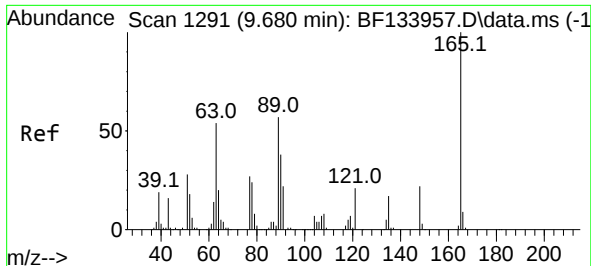


#45
2-Fluorobiphenyl
Concen: 58.353 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37



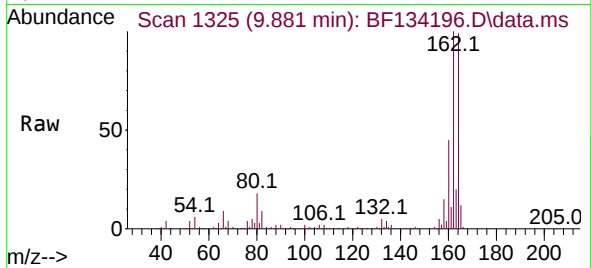
Tgt Ion:172 Resp: 630275
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.9 19.4 29.0



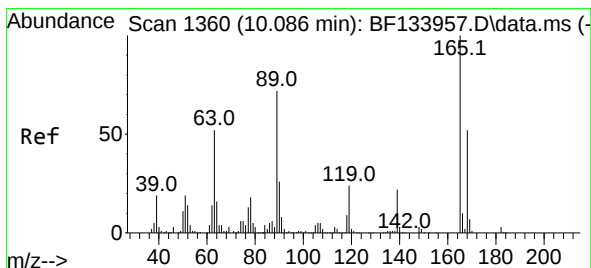
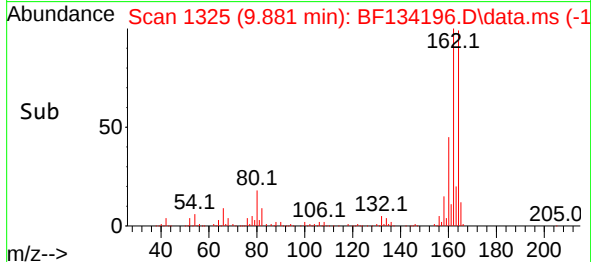
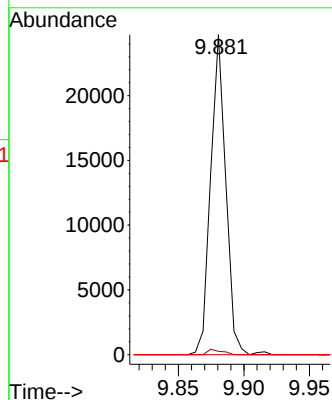


#51
2,6-Dinitrotoluene
Concen: 8.119 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

Instrument :
BNA_F
ClientSampleId :

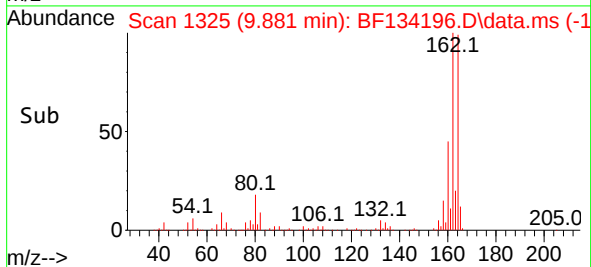
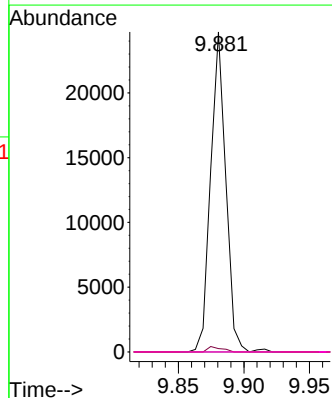
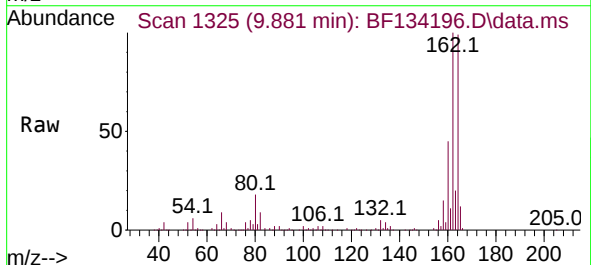


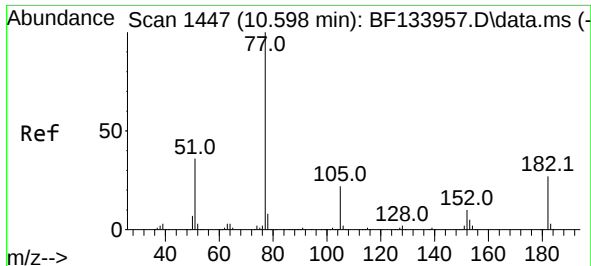
Tgt Ion:165 Resp: 19934
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 0.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.148 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

Tgt Ion:165 Resp: 19934
Ion Ratio Lower Upper
165 100
63 1.0 42.2 63.2#
89 0.0 57.4 86.2#
182 0.0 2.2 3.4#

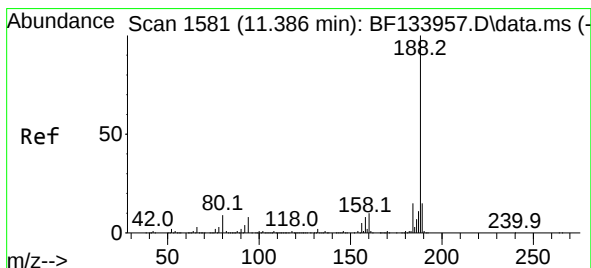
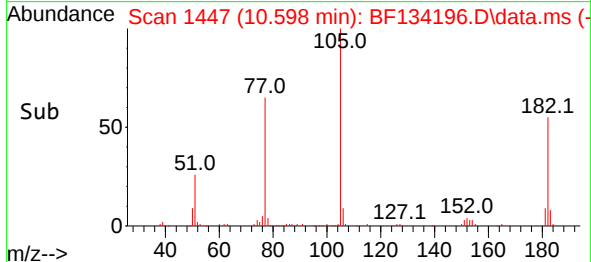
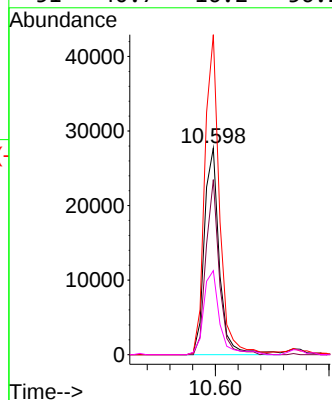
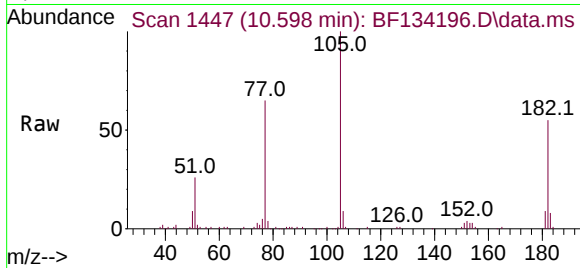




#63
Azobenzene
Concen: 2.268 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

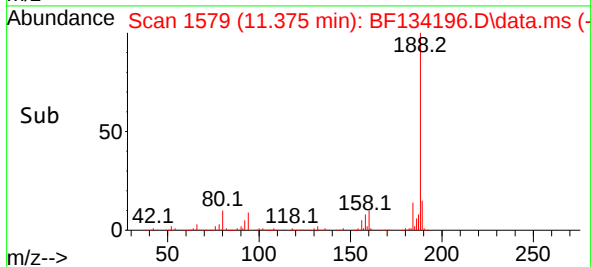
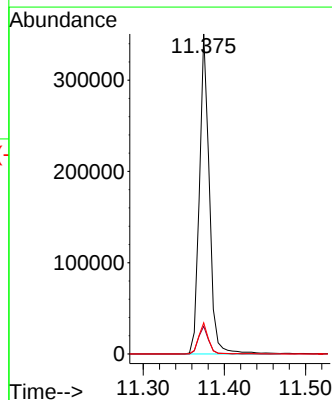
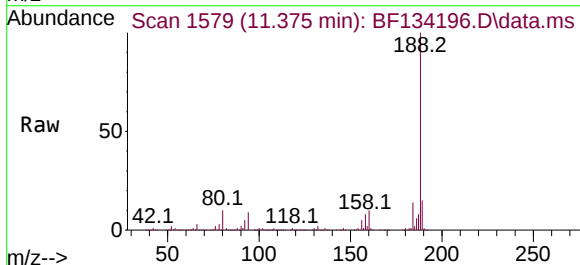
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BNA_F
ClientSampleId :

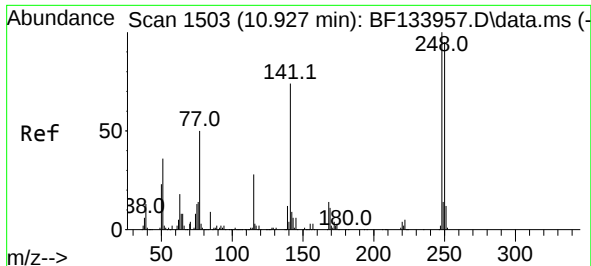
Tgt Ion: 77 Resp: 25474
Ion Ratio Lower Upper
77 100
182 84.7 6.8 46.8#
105 154.9 2.3 42.3#
51 40.7 16.2 56.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

Tgt Ion:188 Resp: 298992
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.8 7.3 10.9

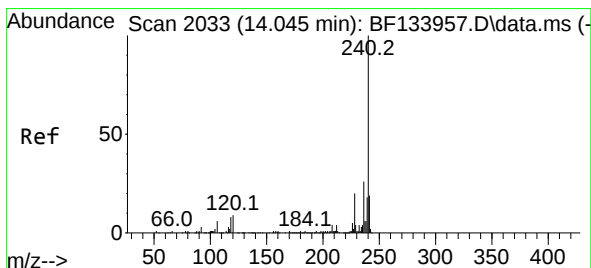
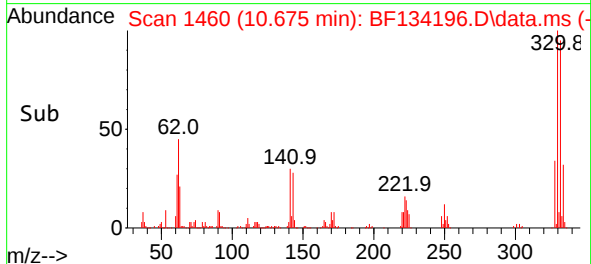
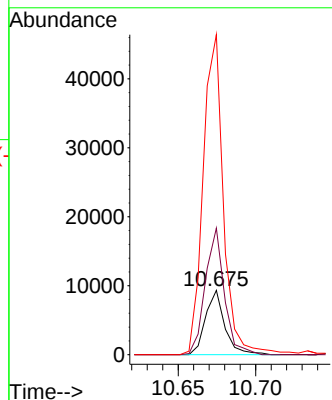
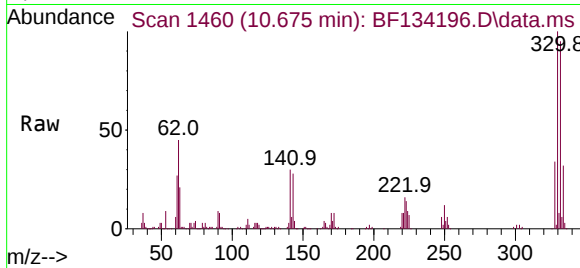




#67
4-Bromophenyl-phenylether
Concen: 2.535 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

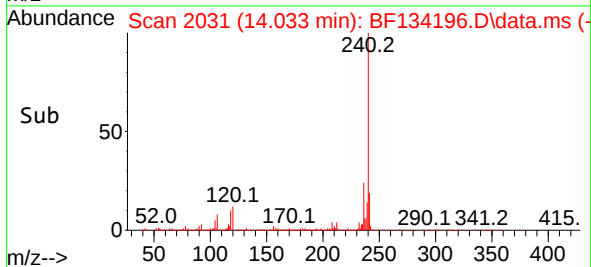
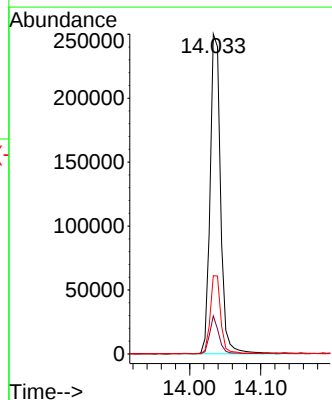
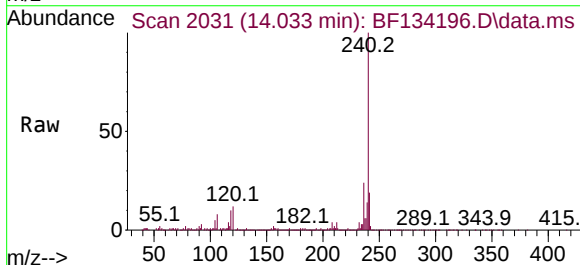
Instrument :
BNA_F
ClientSampleId :

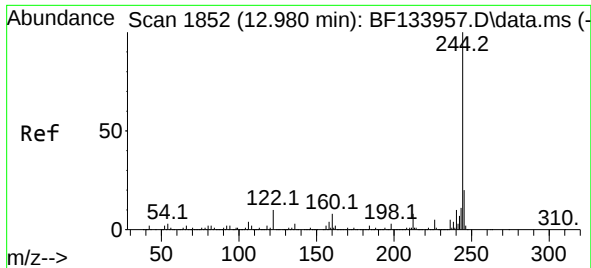
Tgt Ion:248 Resp: 8056
Ion Ratio Lower Upper
248 100
250 196.8 76.2 114.4#
141 497.8 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134196.D
Acq: 10 Jul 2023 20:37

Tgt Ion:240 Resp: 256322
Ion Ratio Lower Upper
240 100
120 11.9 7.4 11.0#
236 24.4 21.0 31.6

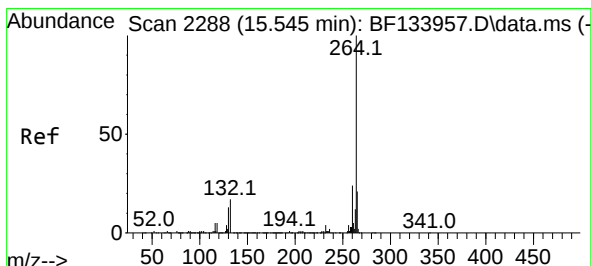
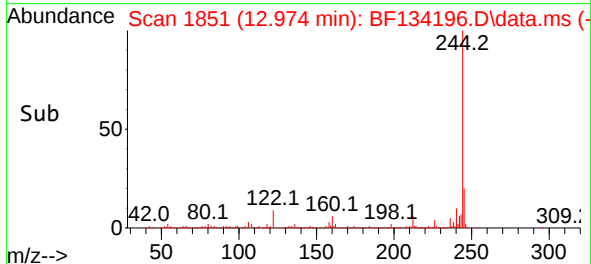
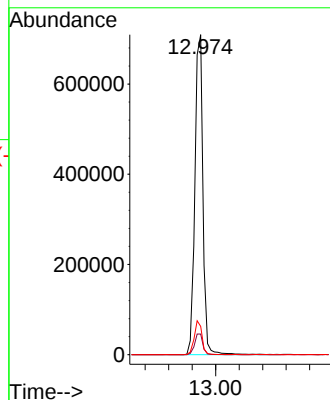
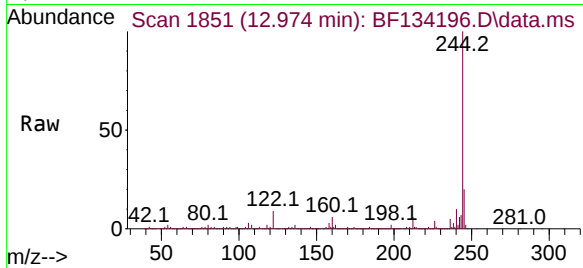




#79
 Terphenyl-d14
 Concen: 42.391 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134196.D
 Acq: 10 Jul 2023 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 675141
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 8.8 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: BF134196.D
 Acq: 10 Jul 2023 20:37

Tgt Ion:264 Resp: 189076
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.5 16.6 25.0

