

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134218.D
 Acq On : 11 Jul 2023 17:58
 Operator : CG\JU
 Sample : PB154060BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:28:28 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)

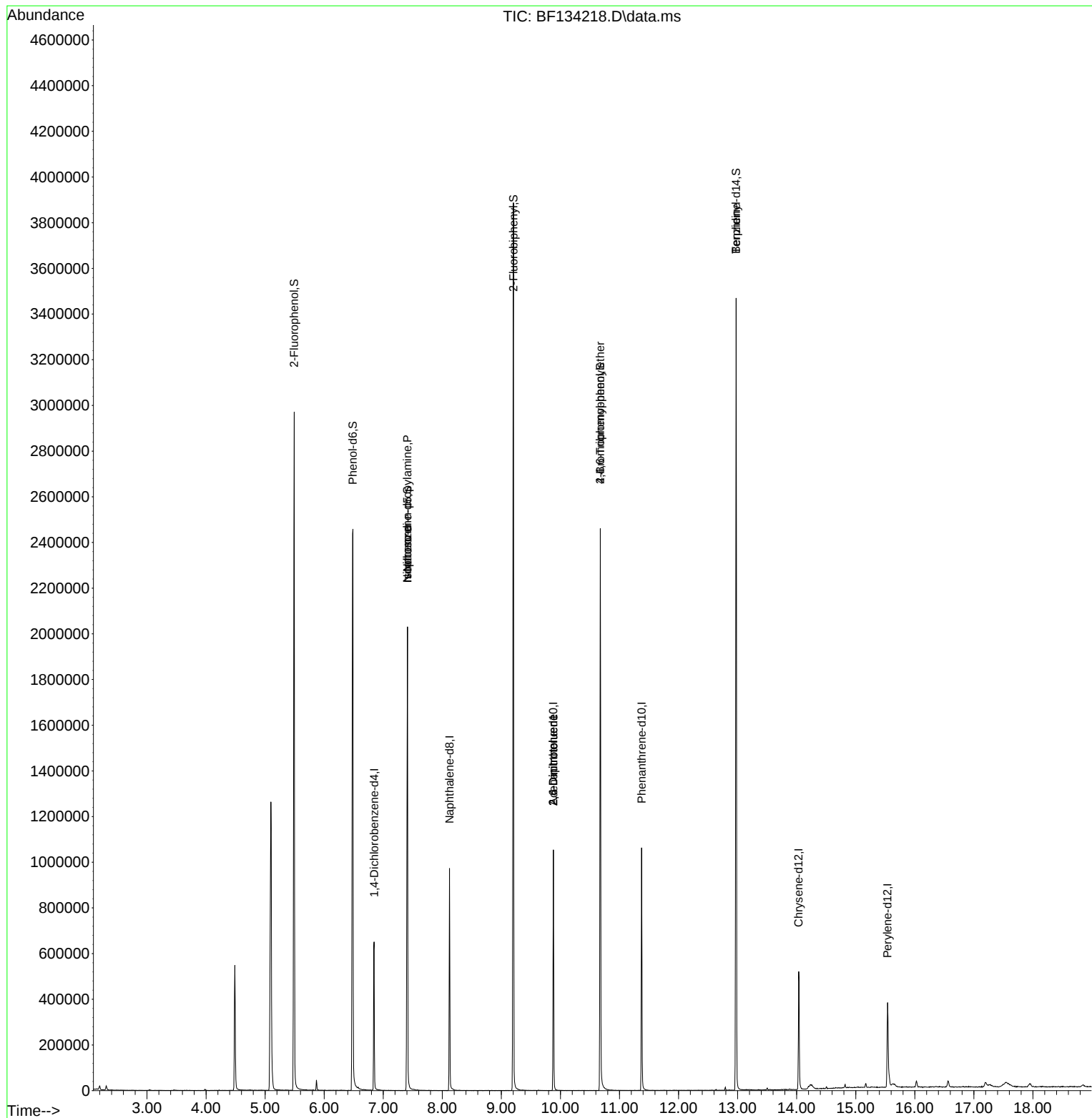
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98462	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	389250	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	196082	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	376932	20.000	ng	0.00
76) Chrysene-d12	14.033	240	201839	20.000	ng	0.00
86) Perylene-d12	15.539	264	199655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	767965	130.469	ng	0.02
7) Phenol-d6	6.486	99	919276	126.992	ng	0.00
23) Nitrobenzene-d5	7.410	82	631565	87.462	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	303013	123.252	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1182208	87.657	ng	0.00
79) Terphenyl-d14	12.974	244	1253196	99.927	ng	0.00
Target Compounds						
9) Benzaldehyde	6.416	77	71	Below Cal		Qvalue 97
19) n-Nitroso-di-n-propyla...	7.410	70	90201	19.649	ng	# 76
25) Isophorone	7.410	82	631565	48.124	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	24333	7.937	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	24333	6.010	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	17866	4.459	ng	# 1
77) Benizidine	12.974	184	17281	3.598	ng	# 93

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

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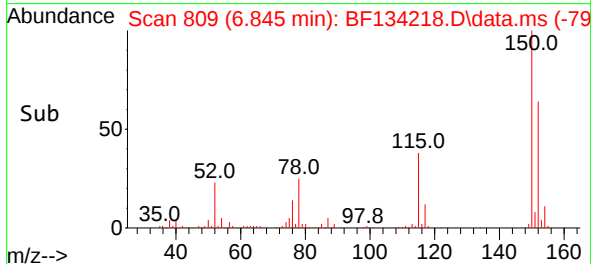
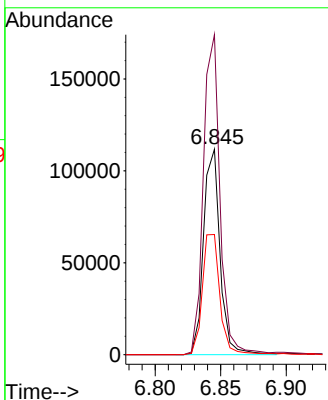
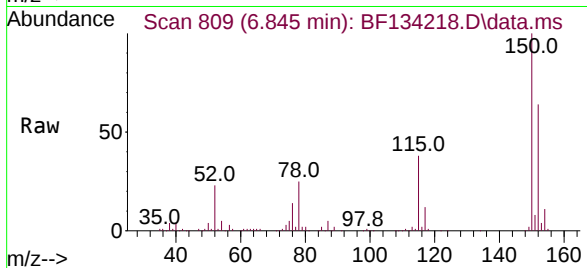




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

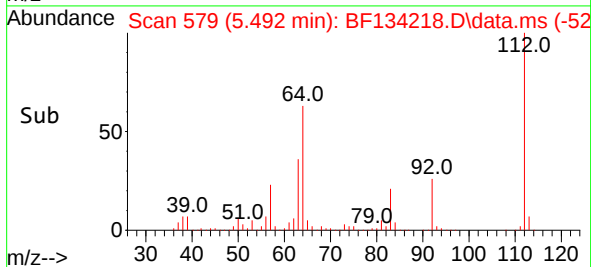
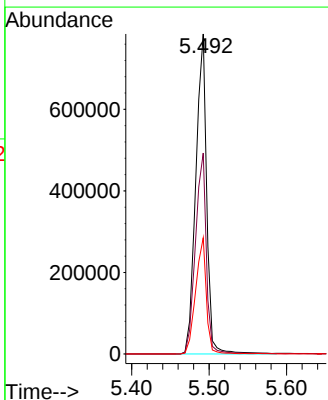
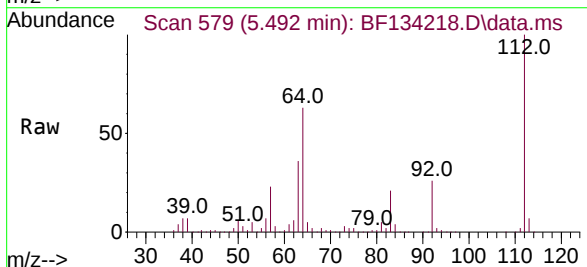
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 98462
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 58.5 50.2 75.2



#5
2-Fluorophenol
Concen: 130.469 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion:112 Resp: 767965
Ion Ratio Lower Upper
112 100
64 62.8 52.1 78.1
63 36.3 28.6 42.8

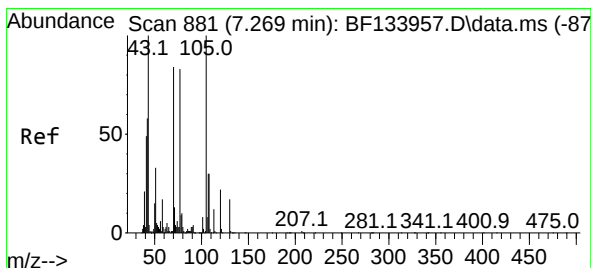
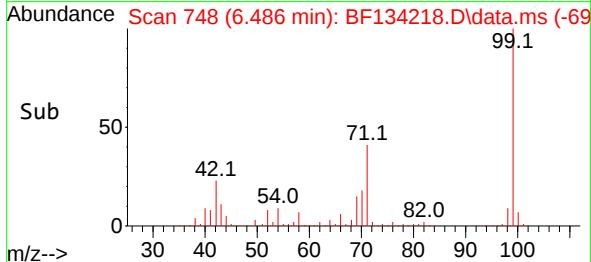
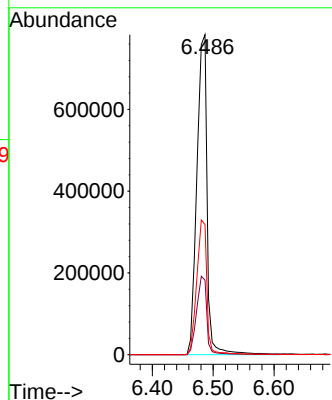
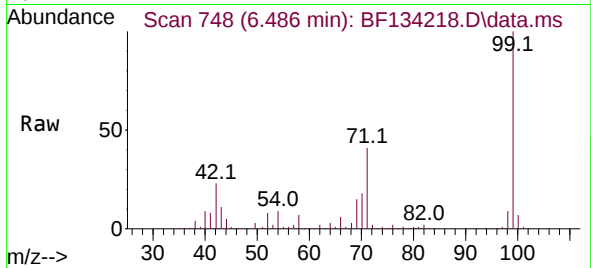




#7
Phenol-d6
Concen: 126.992 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

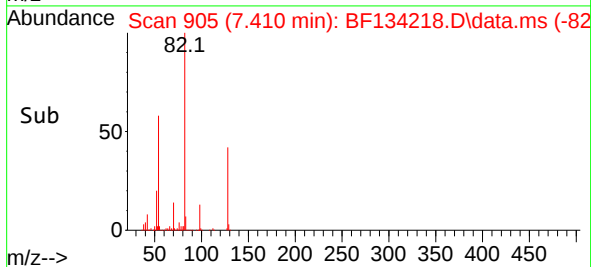
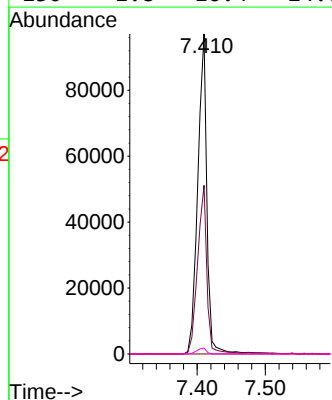
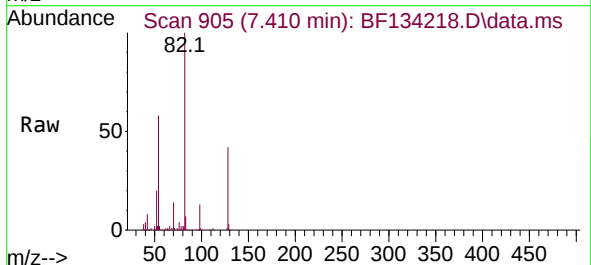
Instrument :
BNA_F
ClientSampleId :

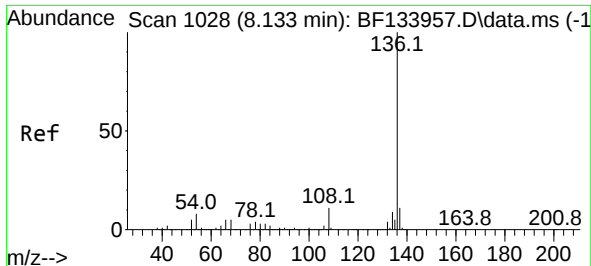
Tgt Ion: 99 Resp: 919276
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 40.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.649 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion: 70 Resp: 90201
Ion Ratio Lower Upper
70 100
42 52.7 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



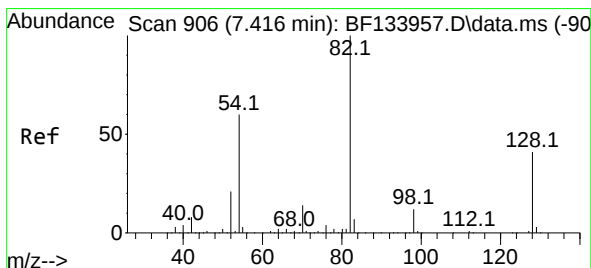
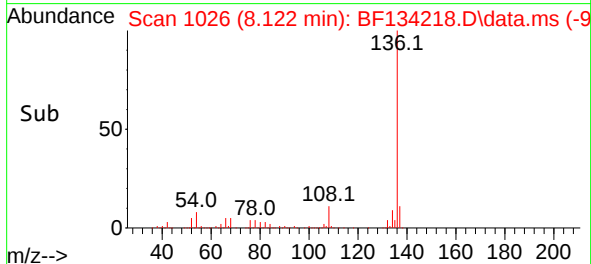
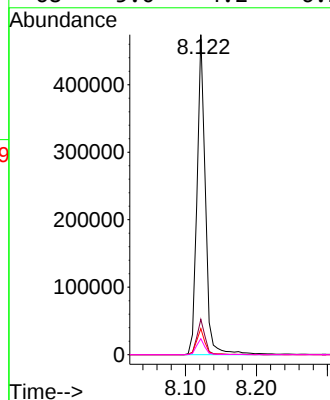
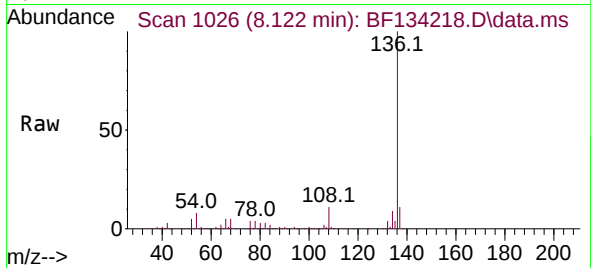


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 389250

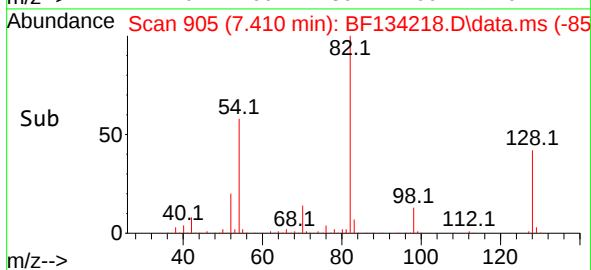
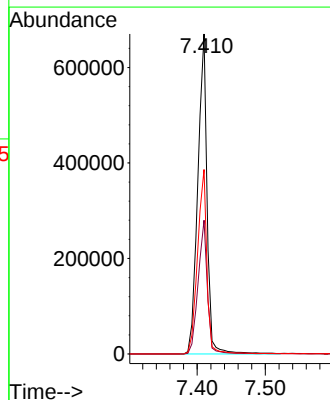
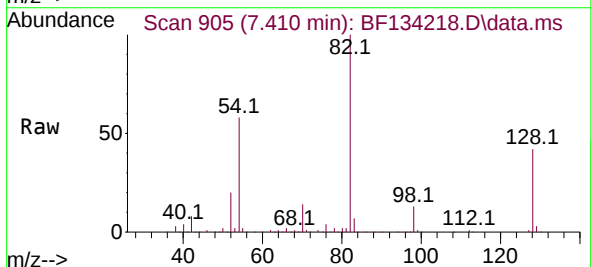
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.2	6.5	9.7
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 87.462 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion: 82 Resp: 631565

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.5	48.7
54	57.7	48.2	72.2

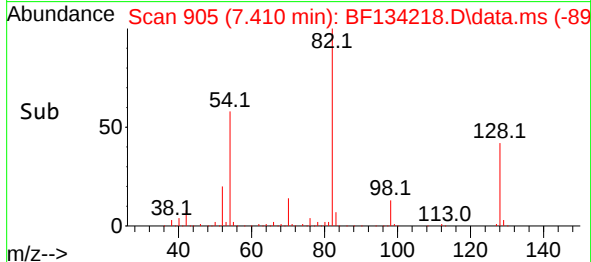
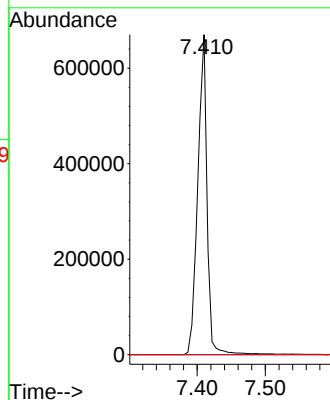
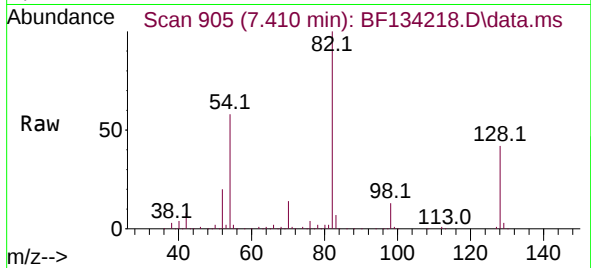




#25
Isophorone
Concen: 48.124 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

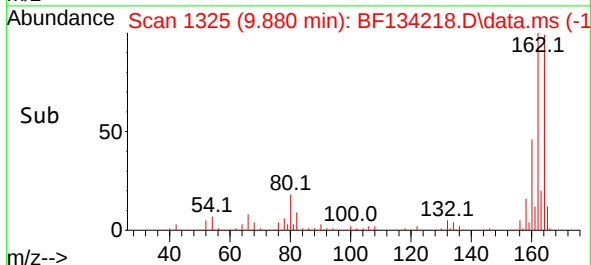
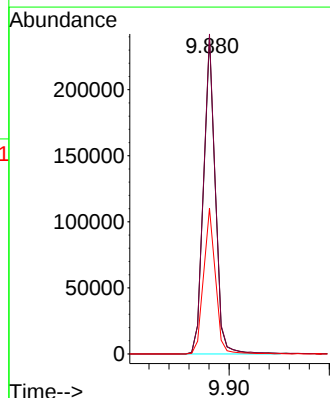
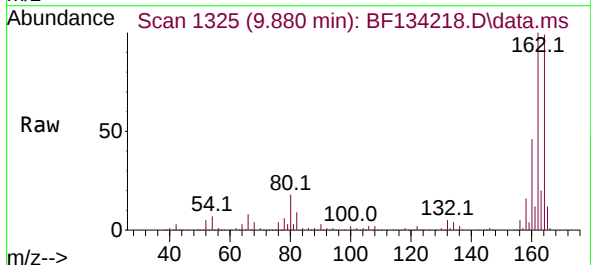
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 631565
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. -0.006 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion:164 Resp: 196082
Ion Ratio Lower Upper
164 100
162 100.9 80.0 120.0
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 123.252 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

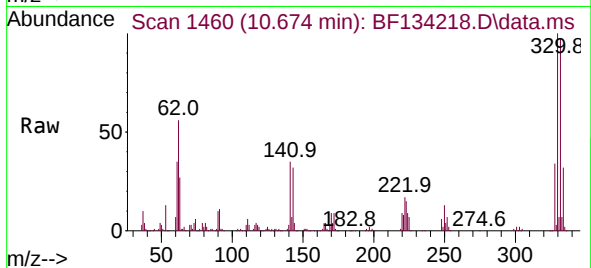
Lab File: BF134218.D

Acq: 11 Jul 2023 17:58

Instrument :

BNA_F

ClientSampleId :



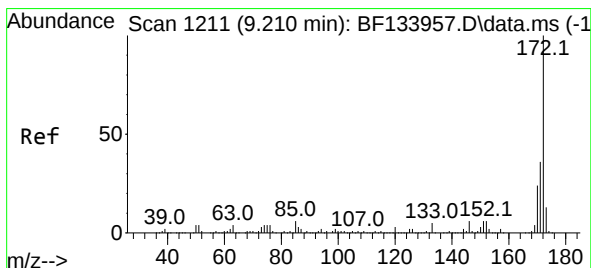
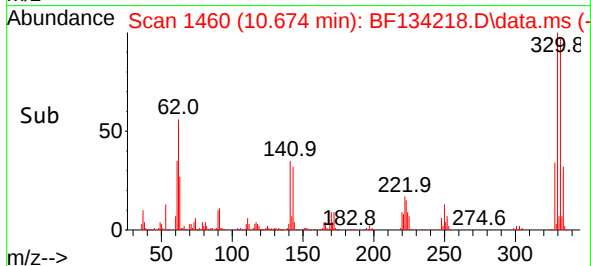
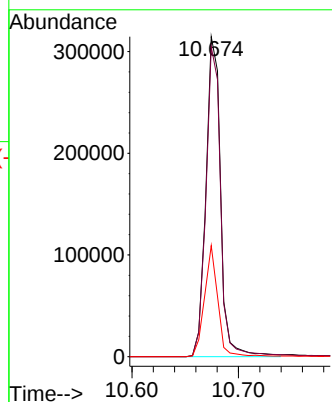
Tgt Ion:330 Resp: 303013

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

141 32.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 87.657 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134218.D

Acq: 11 Jul 2023 17:58

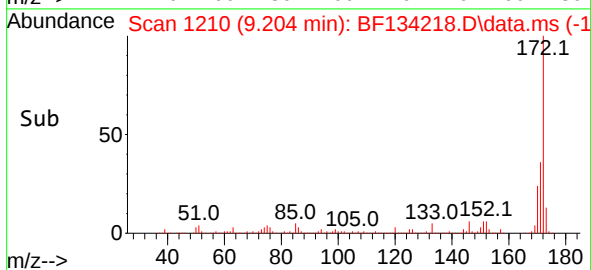
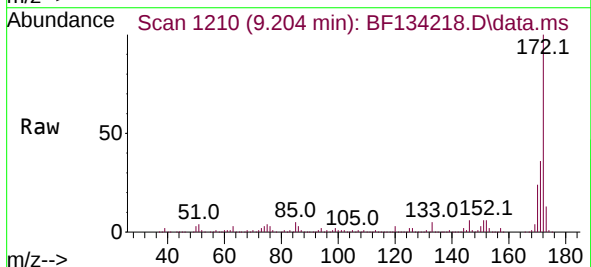
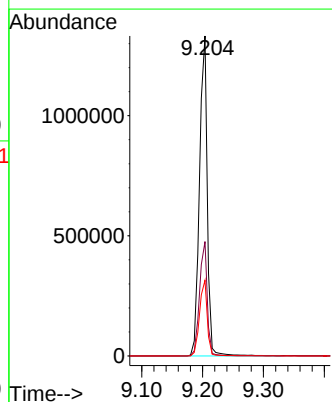
Tgt Ion:172 Resp: 1182208

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

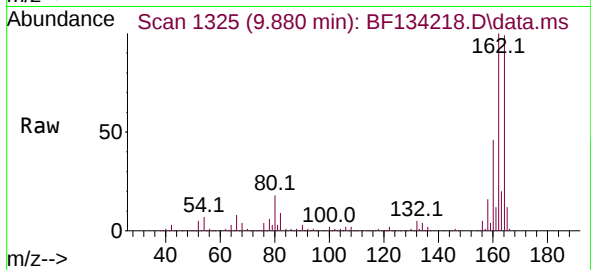
170 23.6 19.4 29.0



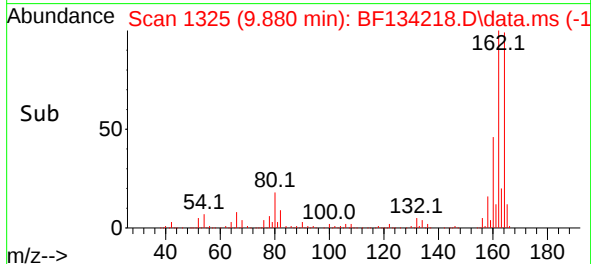
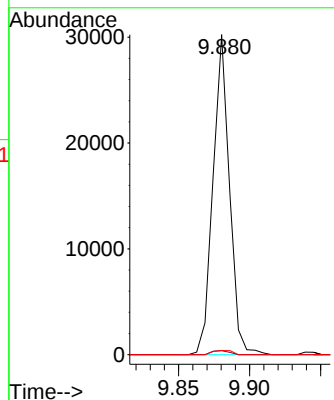


#51
2,6-Dinitrotoluene
Concen: 7.937 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Instrument :
BNA_F
ClientSampleId :

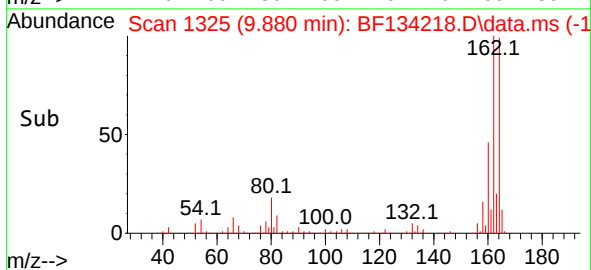
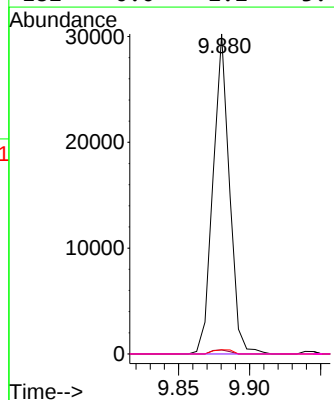
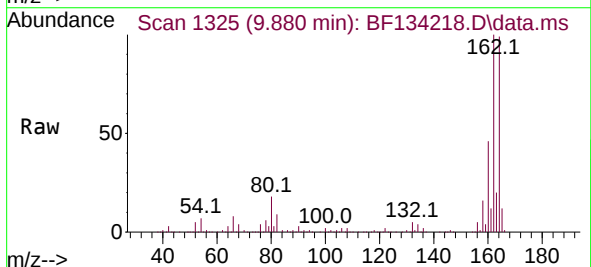


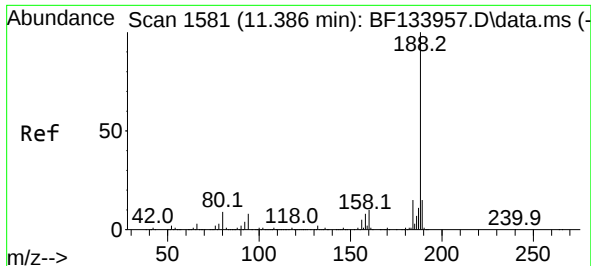
Tgt Ion:165 Resp: 24333
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.010 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion:165 Resp: 24333
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#

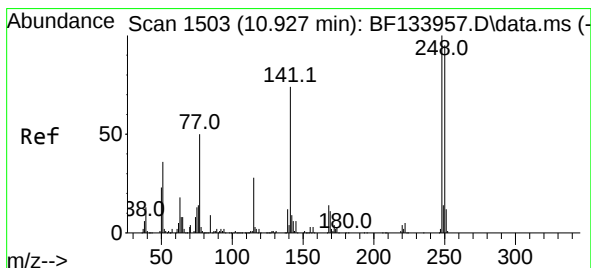
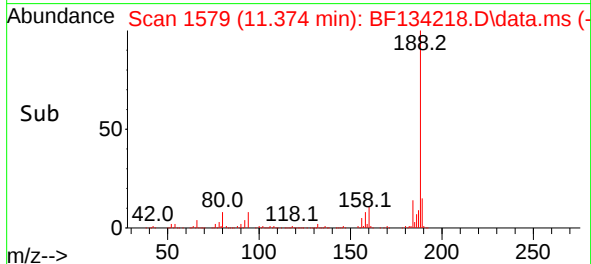
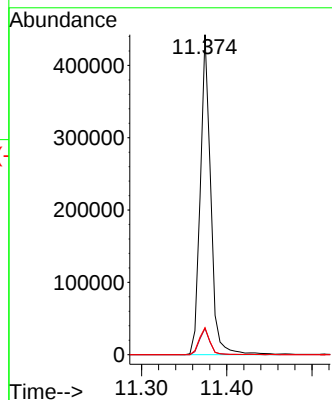
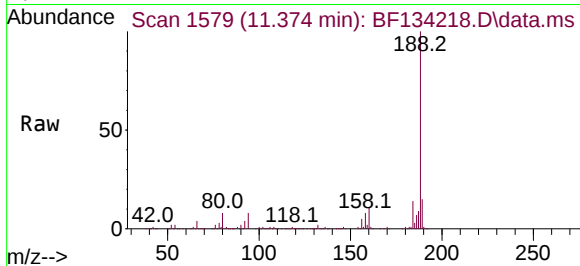




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

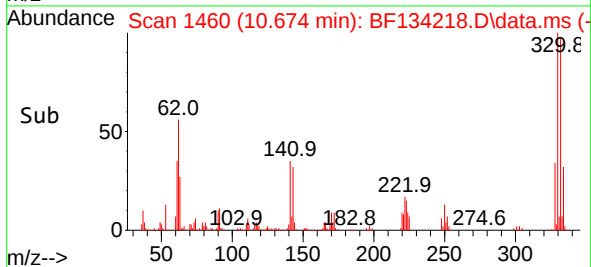
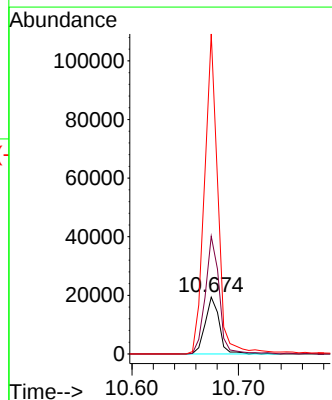
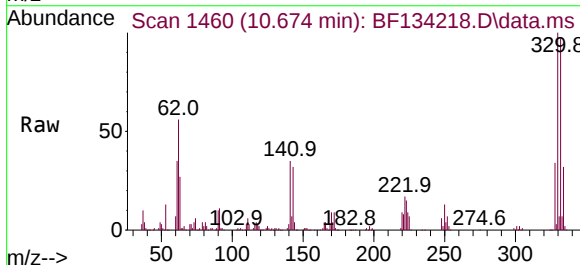
Instrument :
BNA_F
ClientSampleId :

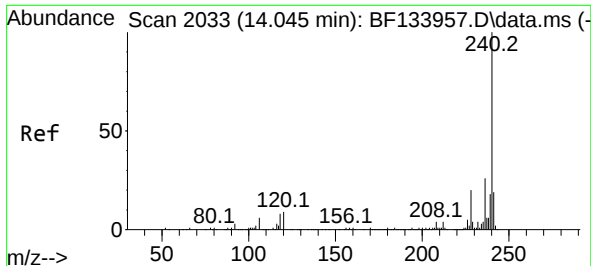
Tgt Ion:188 Resp: 376932
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.4 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.459 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion:248 Resp: 17866
Ion Ratio Lower Upper
248 100
250 207.4 76.2 114.4#
141 563.3 59.0 88.4#

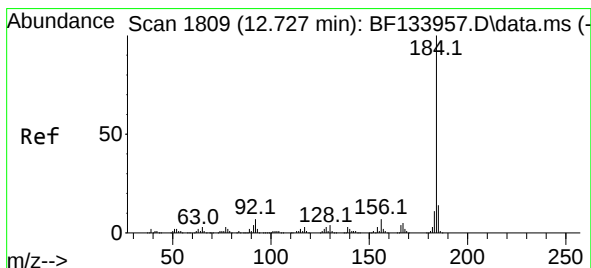
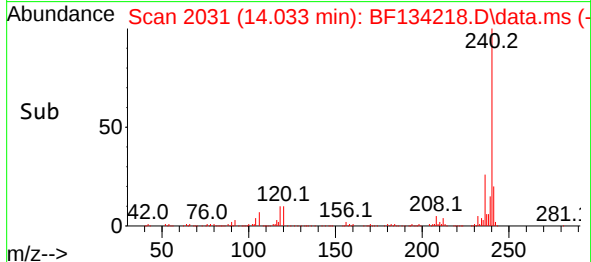
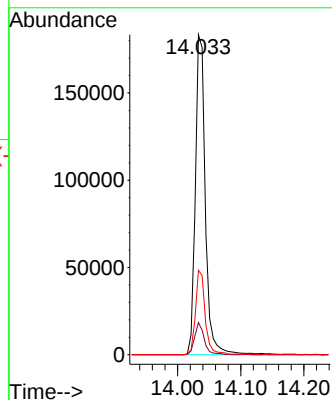
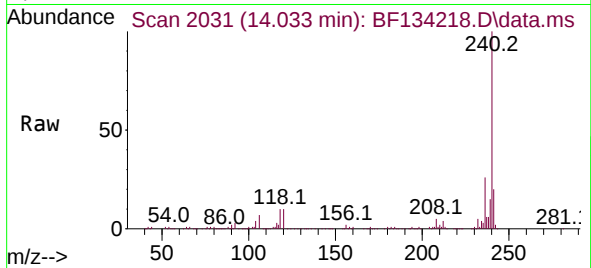




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

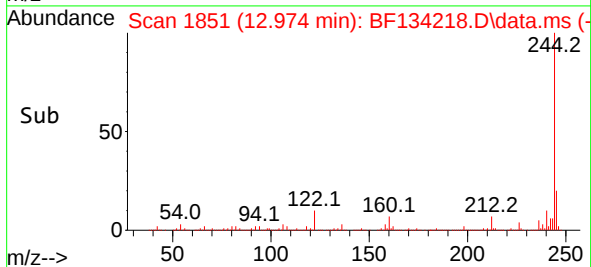
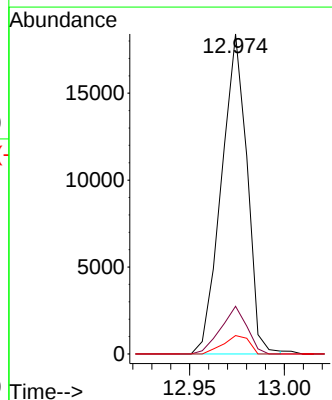
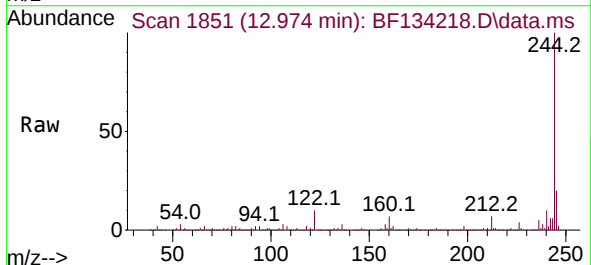
Instrument :
BNA_F
ClientSampleId :

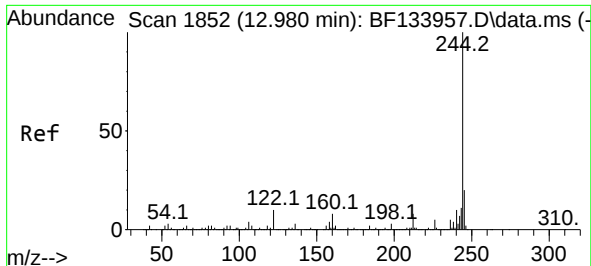
Tgt Ion:240 Resp: 201839
Ion Ratio Lower Upper
240 100
120 10.0 7.4 11.0
236 26.4 21.0 31.6



#77
Benzidine
Concen: 3.598 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

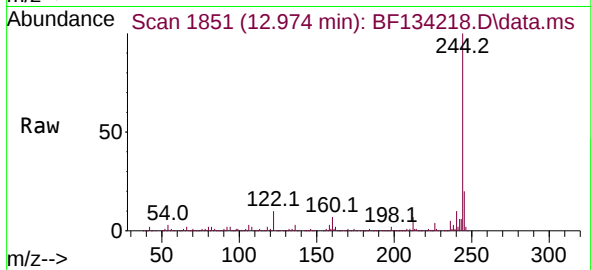
Tgt Ion:184 Resp: 17281
Ion Ratio Lower Upper
184 100
185 14.9 11.6 17.4
183 5.7 8.8 13.2#



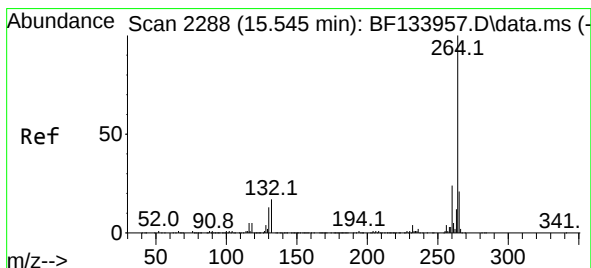
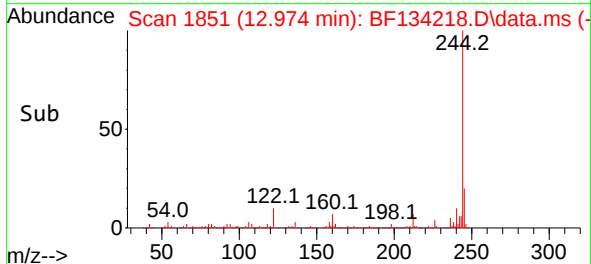
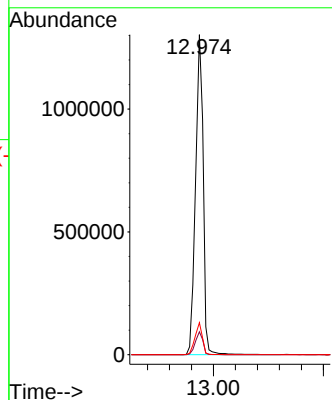


#79
 Terphenyl-d14
 Concen: 99.927 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134218.D
 Acq: 11 Jul 2023 17:58

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1253196
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.0 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: BF134218.D
 Acq: 11 Jul 2023 17:58

Tgt Ion:264 Resp: 199655
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.7 16.6 25.0

