

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134212.D
 Acq On : 11 Jul 2023 14:00
 Operator : CG\JU
 Sample : PB153702TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:04:20 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)

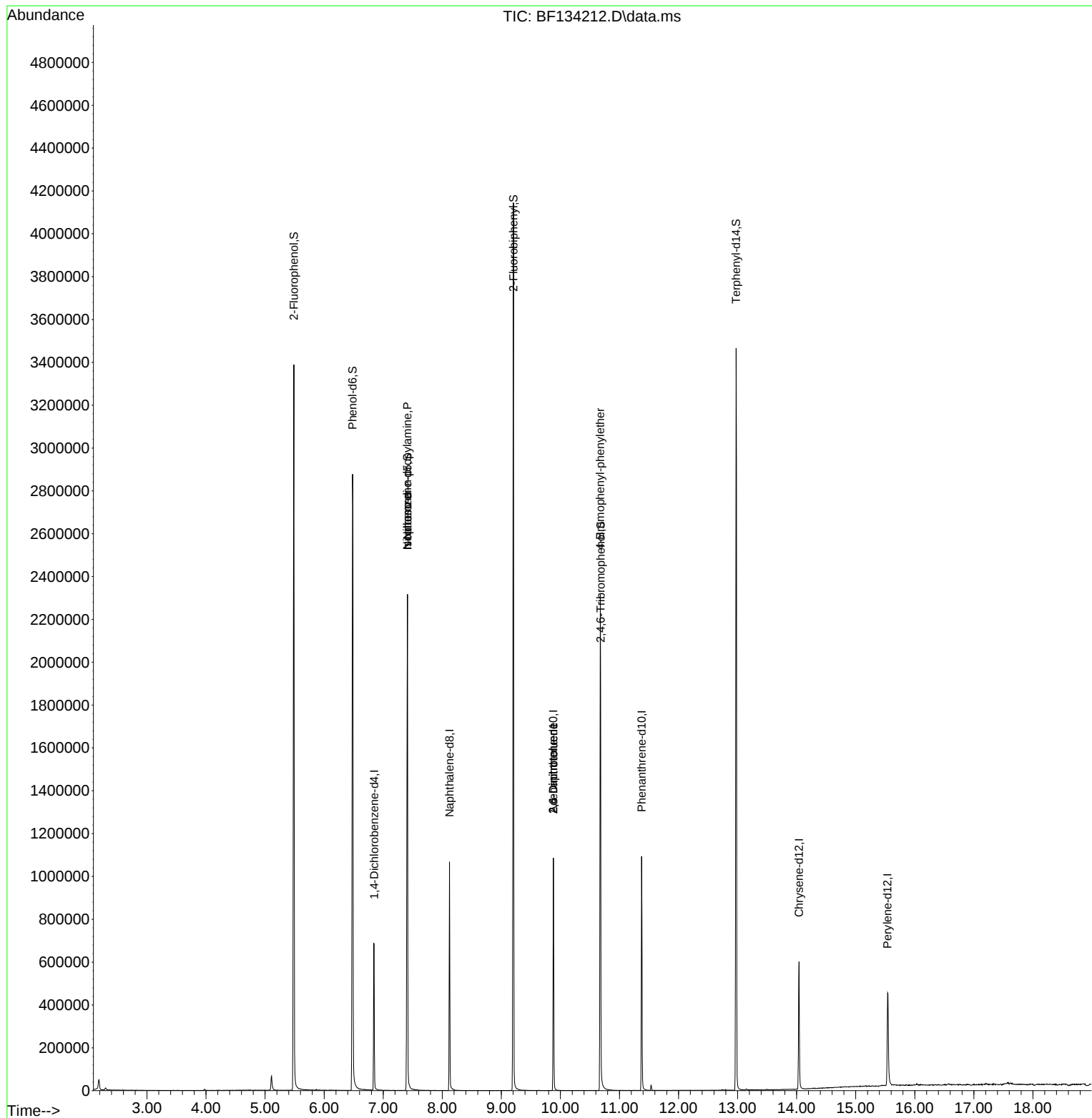
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	108029	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	419925	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	204769	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	400667	20.000	ng	0.00
76) Chrysene-d12	14.039	240	223629	20.000	ng	0.00
86) Perylene-d12	15.539	264	240624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	909823	140.881	ng	0.01
7) Phenol-d6	6.481	99	1065345	134.138	ng	0.00
23) Nitrobenzene-d5	7.410	82	744558	95.578	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	310097	120.783	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1207940	85.766	ng	0.00
79) Terphenyl-d14	12.975	244	1314129	94.576	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1757	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	101873	20.226	ng	# 78
25) Isophorone	7.410	82	744553	52.589	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	26232	8.194	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	26232	6.204	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	18866	4.430	ng	# 1

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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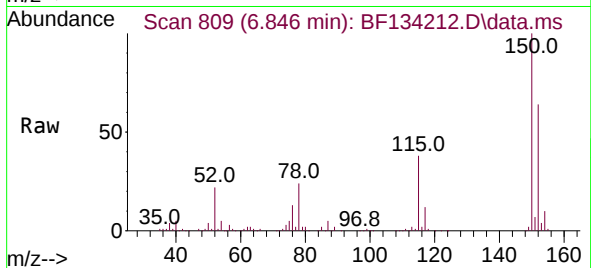
Quant Time: Jul 12 01:04:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



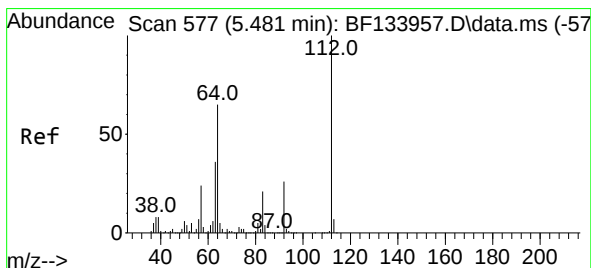
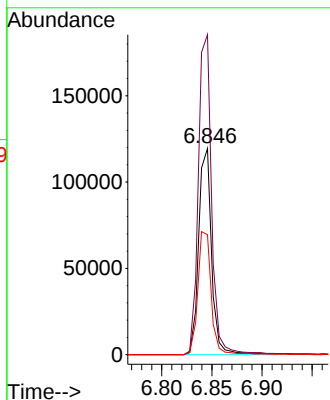
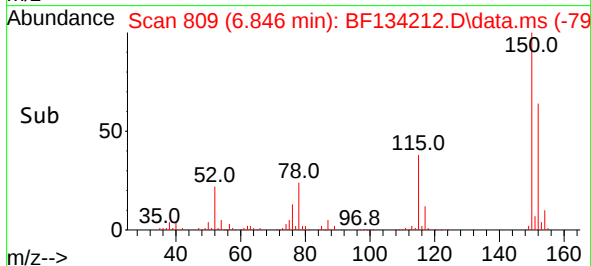


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF134212.D
 Acq: 11 Jul 2023 14:00

Instrument :
 BNA_F
 ClientSampleId :

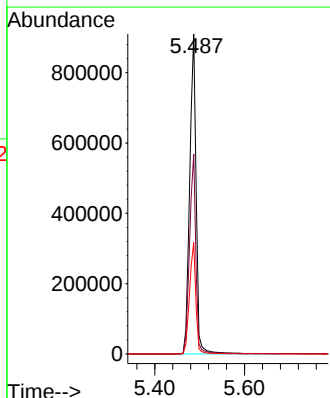
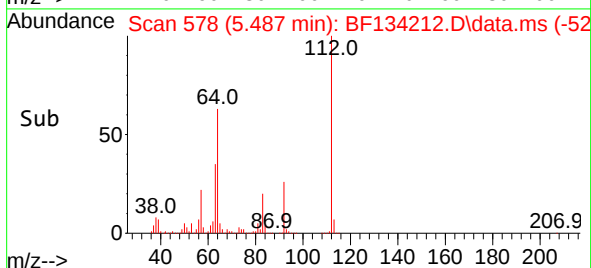
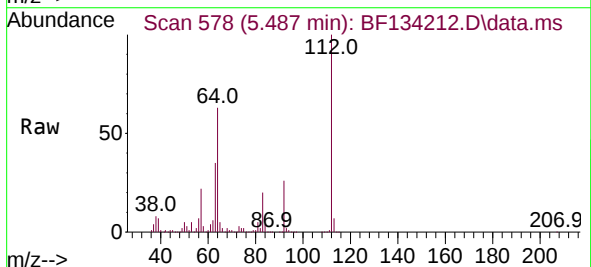


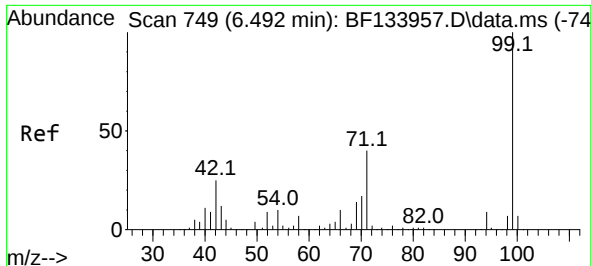
Tgt Ion:152 Resp: 108029
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.5 186.7
 115 58.2 50.2 75.2



#5
 2-Fluorophenol
 Concen: 140.881 ng
 RT: 5.487 min Scan# 578
 Delta R.T. 0.012 min
 Lab File: BF134212.D
 Acq: 11 Jul 2023 14:00

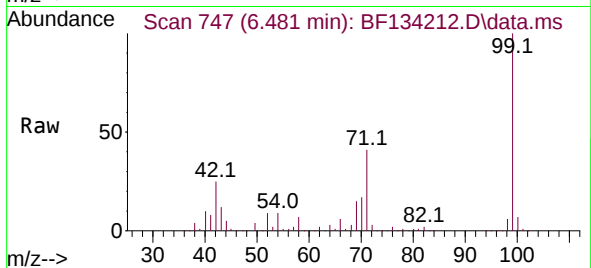
Tgt Ion:112 Resp: 909823
 Ion Ratio Lower Upper
 112 100
 64 62.5 52.1 78.1
 63 34.8 28.6 42.8





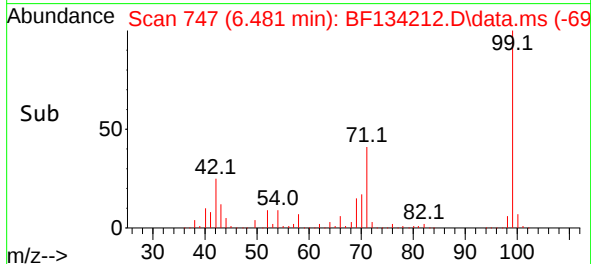
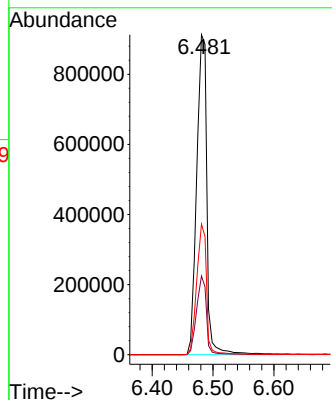
#7
Phenol-d6
Concen: 134.138 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1065345

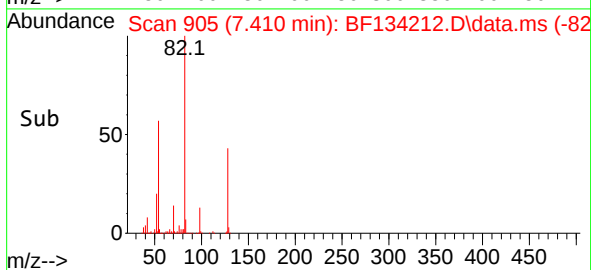
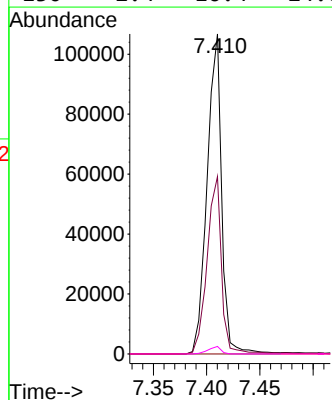
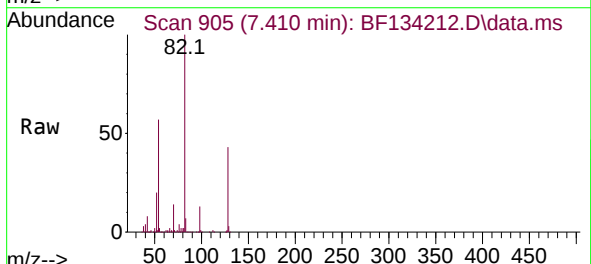
Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.8	29.6
71	40.8	31.9	47.9

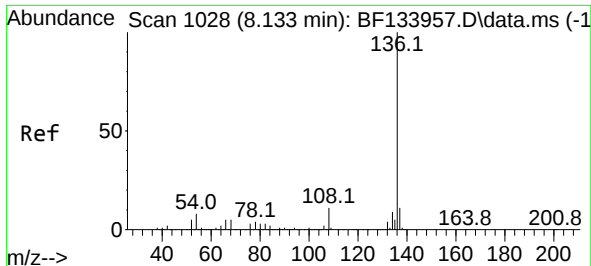


#19
n-Nitroso-di-n-propylamine
Concen: 20.226 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Tgt Ion: 70 Resp: 101873

Ion	Ratio	Lower	Upper
70	100		
42	55.5	54.7	82.1
101	0.0	7.7	11.5#
130	2.4	16.4	24.6#

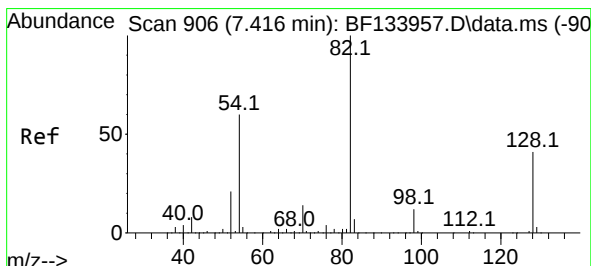
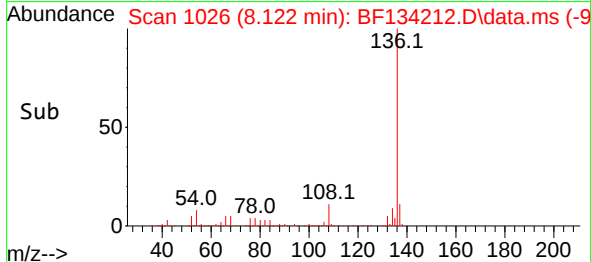
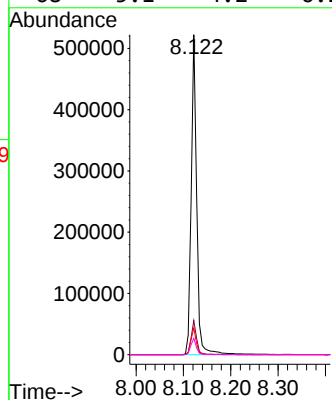
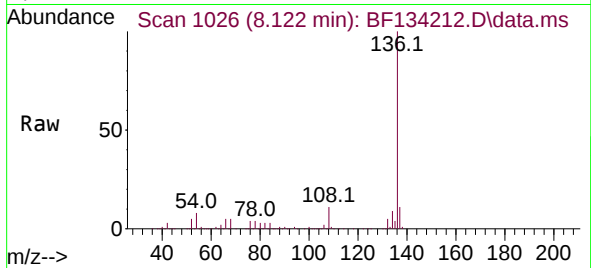




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

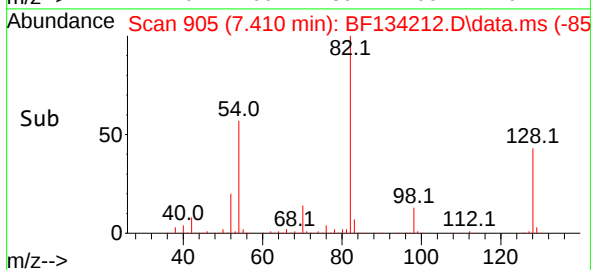
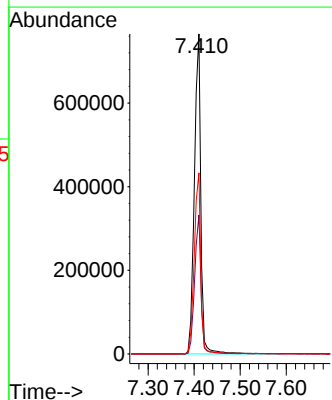
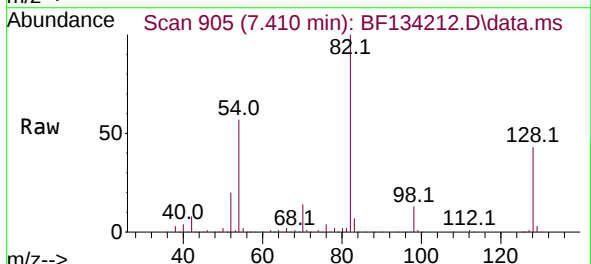
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 419925
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.3 6.5 9.7
68 5.1 4.2 6.2



#23
Nitrobenzene-d5
Concen: 95.578 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

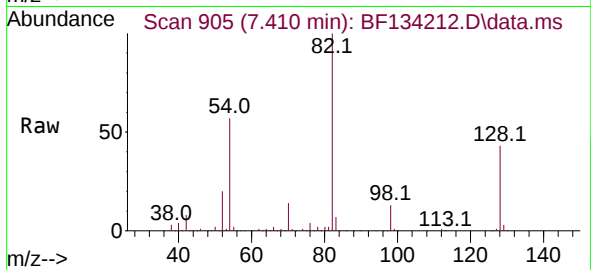
Tgt Ion: 82 Resp: 744558
Ion Ratio Lower Upper
82 100
128 43.5 32.5 48.7
54 56.6 48.2 72.2



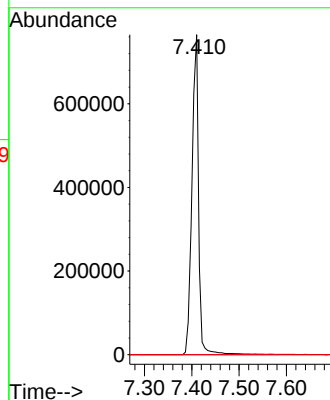
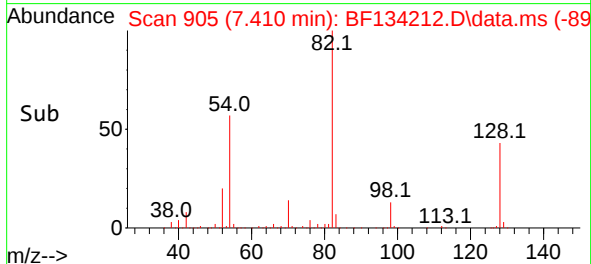


#25
Isophorone
Concen: 52.589 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Instrument :
BNA_F
ClientSampleId :

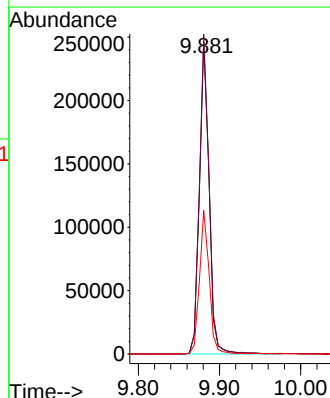
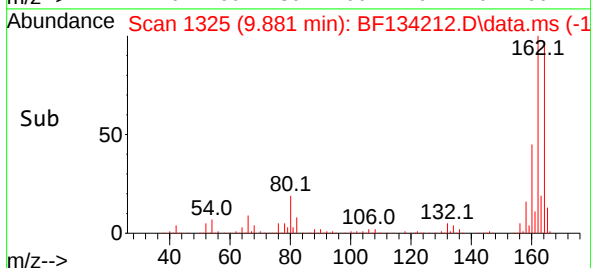
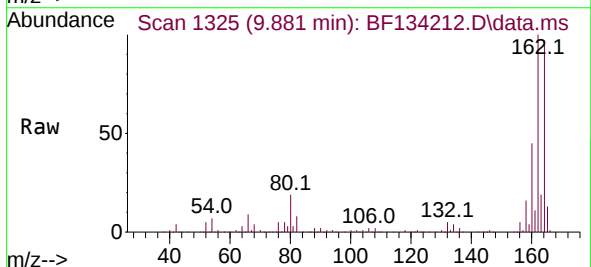


Tgt Ion: 82 Resp: 744553
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

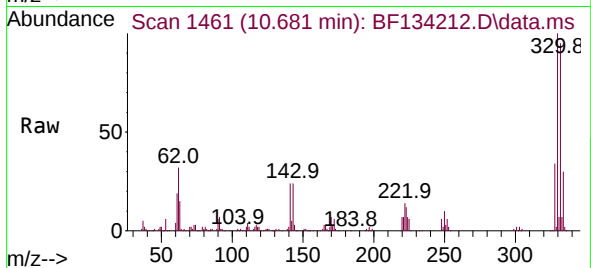
Tgt Ion:164 Resp: 204769
Ion Ratio Lower Upper
164 100
162 102.7 80.0 120.0
160 46.0 35.9 53.9



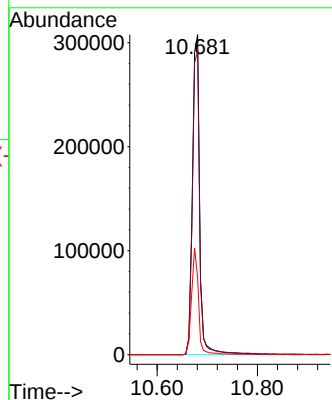
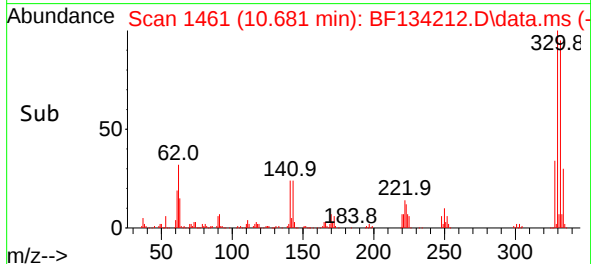


#42
2,4,6-Tribromophenol
Concen: 120.783 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

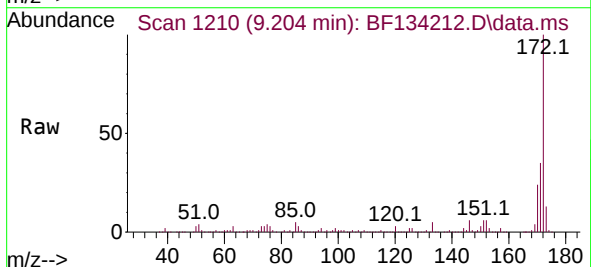
Instrument :
BNA_F
ClientSampleId :



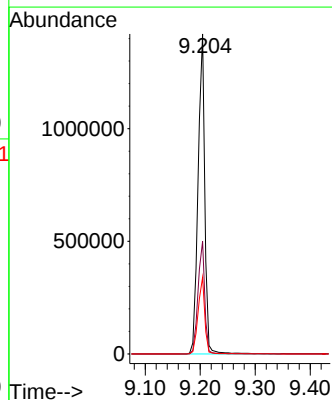
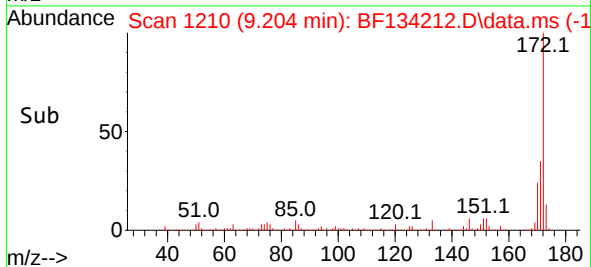
Tgt Ion:330 Resp: 310097
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 32.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.766 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00



Tgt Ion:172 Resp: 1207940
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.4 29.0

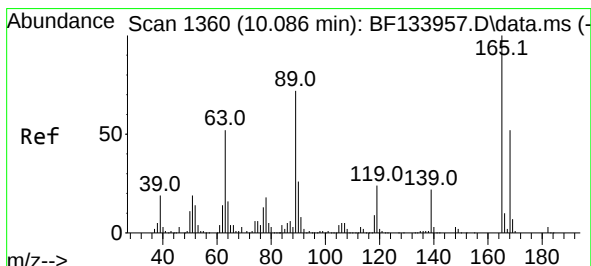
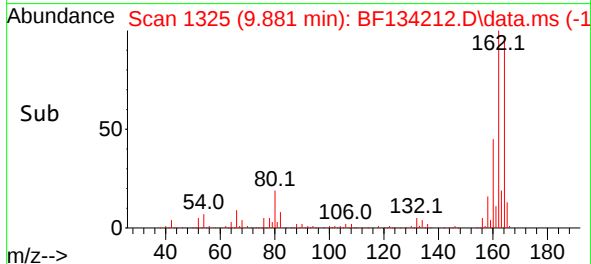
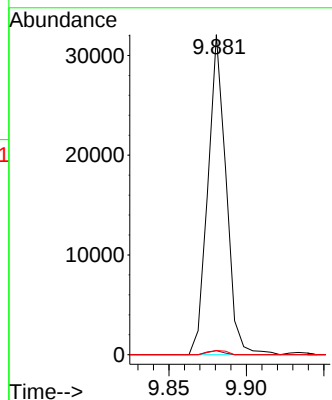
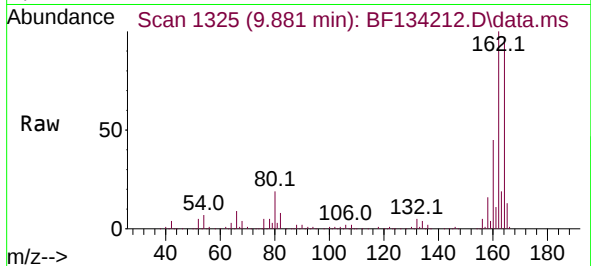




#51
2,6-Dinitrotoluene
Concen: 8.194 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

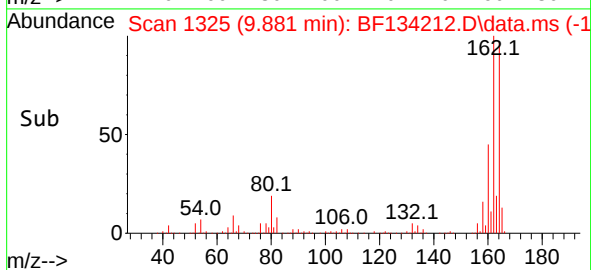
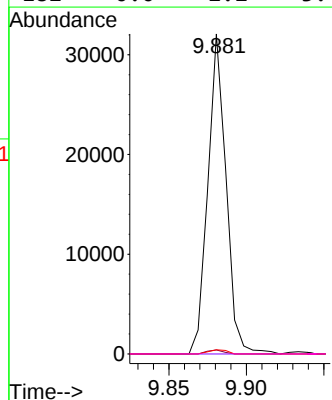
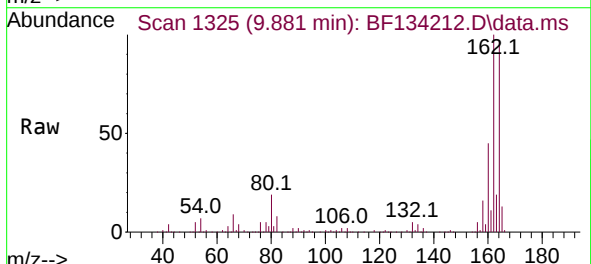
Instrument :
BNA_F
ClientSampleId :

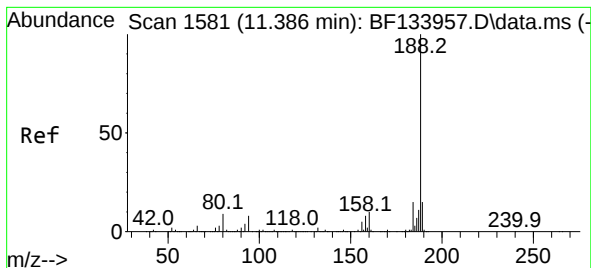
Tgt Ion:165 Resp: 26232
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.204 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Tgt Ion:165 Resp: 26232
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: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134212.D

Acq: 11 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

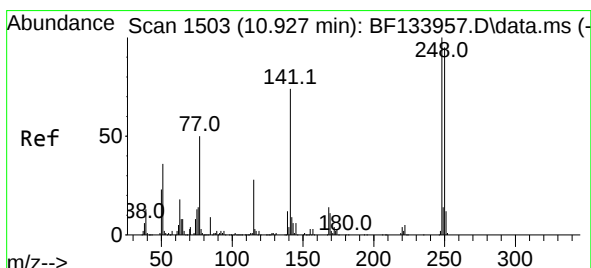
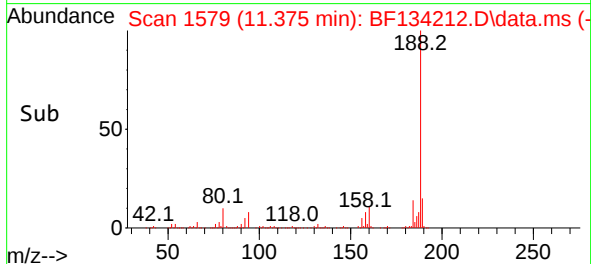
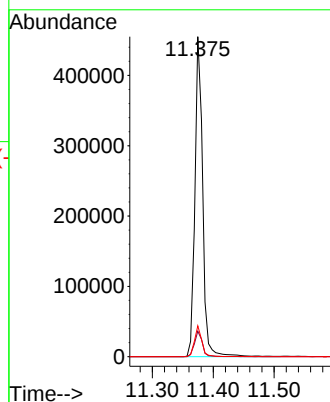
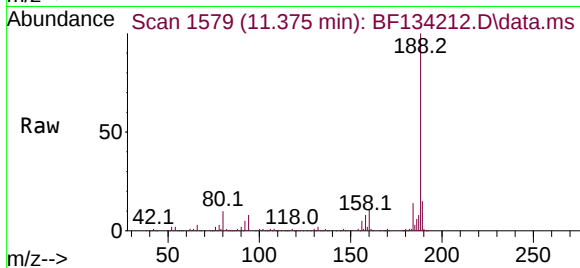
Tgt Ion:188 Resp: 400667

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.430 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.247 min

Lab File: BF134212.D

Acq: 11 Jul 2023 14:00

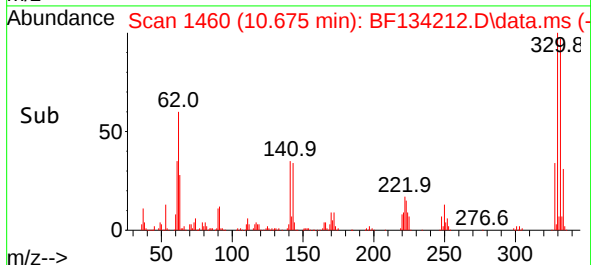
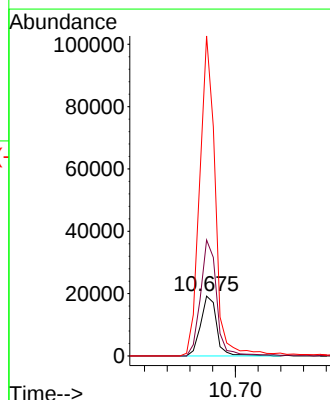
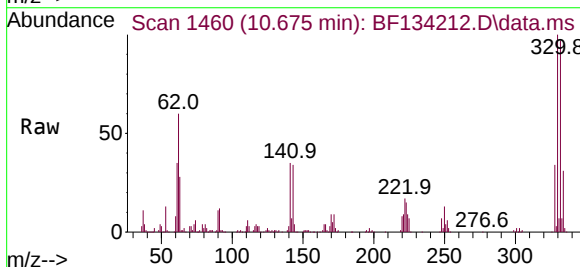
Tgt Ion:248 Resp: 18866

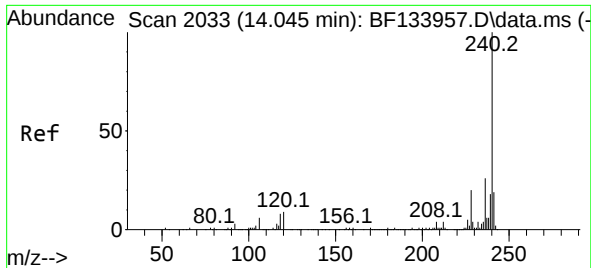
Ion Ratio Lower Upper

248 100

250 194.0 76.2 114.4#

141 535.4 59.0 88.4#

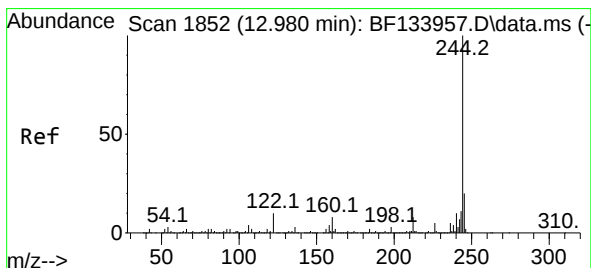
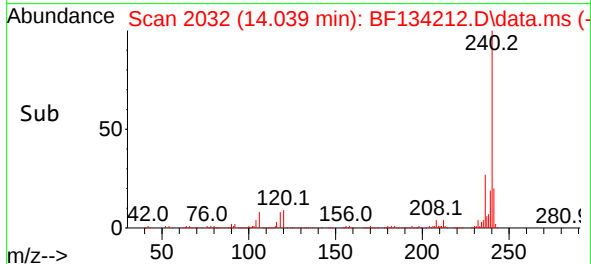
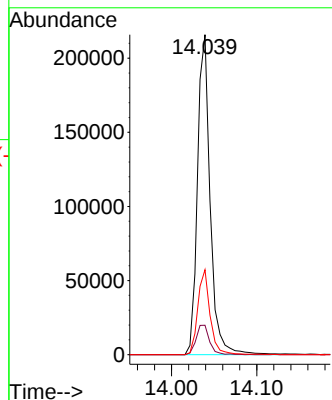
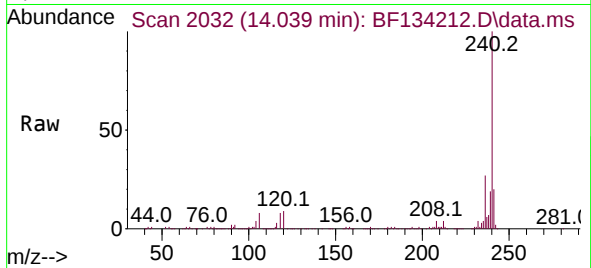




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

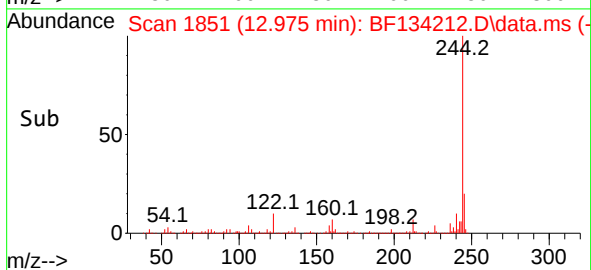
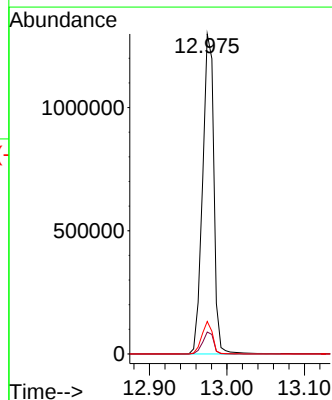
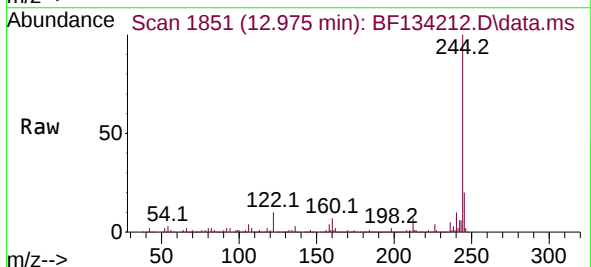
Instrument :
BNA_F
ClientSampleId :

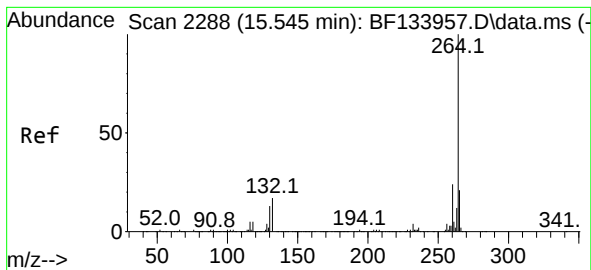
Tgt Ion:240 Resp: 223629
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.5 21.0 31.6



#79
Terphenyl-d14
Concen: 94.576 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Tgt Ion:244 Resp: 1314129
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 10.1 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

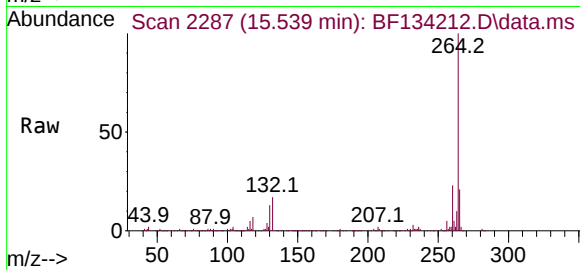
Lab File: BF134212.D

Acq: 11 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 240624

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.0 16.6 25.0

