

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134209.D
 Acq On : 11 Jul 2023 12:21
 Operator : CG\JU
 Sample : PB154002BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:02:59 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)

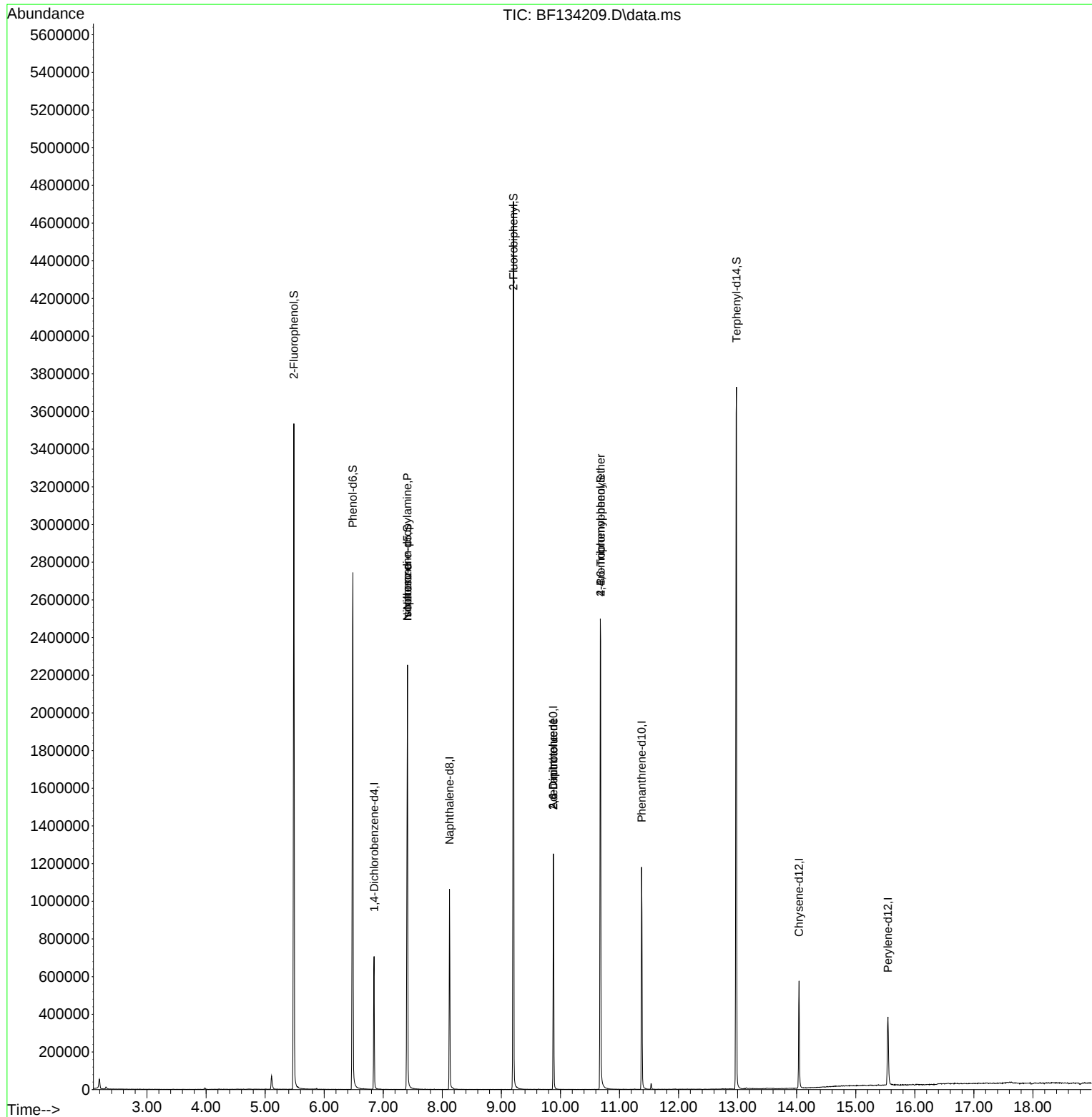
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103487	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	449003	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	235330	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	451714	20.000	ng	0.00
76) Chrysene-d12	14.039	240	204799	20.000	ng	0.00
86) Perylene-d12	15.545	264	196891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	916479	148.140	ng	0.01
7) Phenol-d6	6.487	99	966814	127.074	ng	0.00
23) Nitrobenzene-d5	7.410	82	725742	87.129	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	357253	121.079	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1390328	85.896	ng	0.00
79) Terphenyl-d14	12.980	244	1486318	116.803	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1558	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	100964	20.926	ng	# 75
25) Isophorone	7.410	82	725735	47.941	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	30984	8.421	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	30984	6.377	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	20882	4.349	ng	# 1

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

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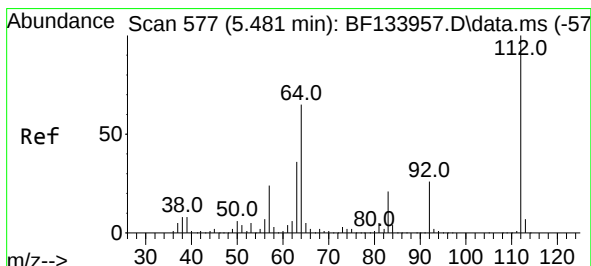
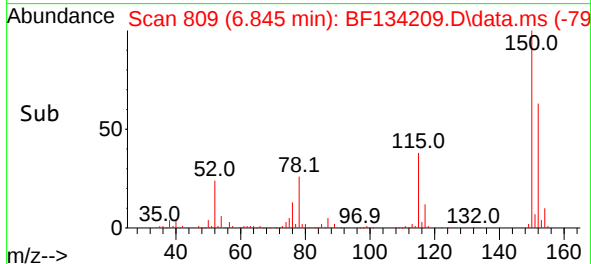
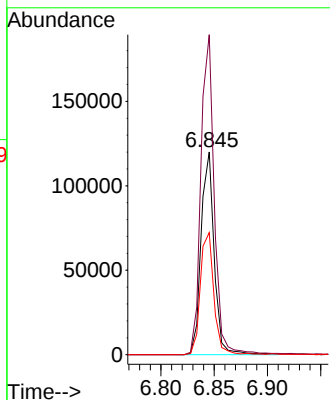
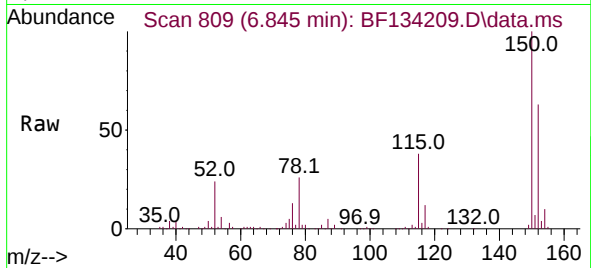




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21

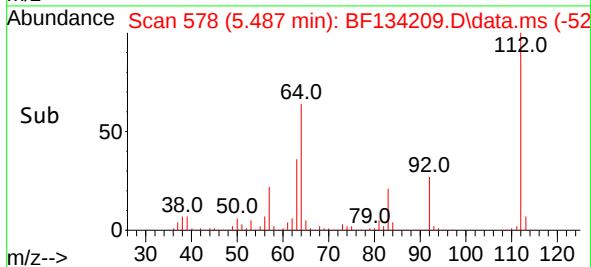
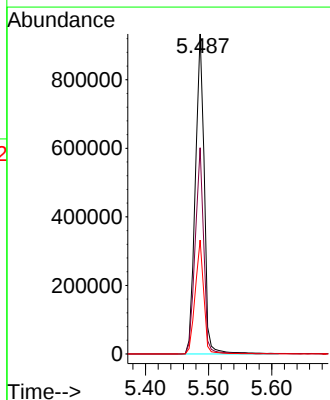
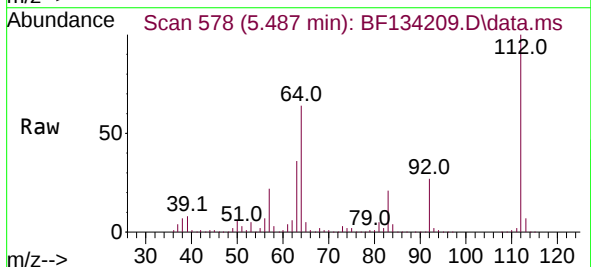
Instrument :
BNA_F
ClientSampleId :

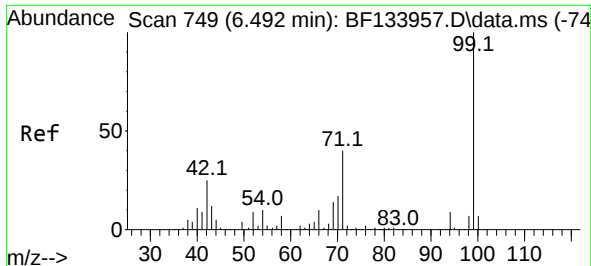
Tgt Ion:152 Resp: 103487
Ion Ratio Lower Upper
152 100
150 157.8 124.5 186.7
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 148.140 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21

Tgt Ion:112 Resp: 916479
Ion Ratio Lower Upper
112 100
64 64.5 52.1 78.1
63 35.6 28.6 42.8





#7

Phenol-d6

Concen: 127.074 ng

RT: 6.487 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

Instrument :

BNA_F

ClientSampleId :

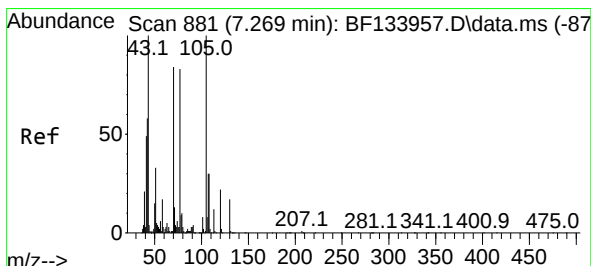
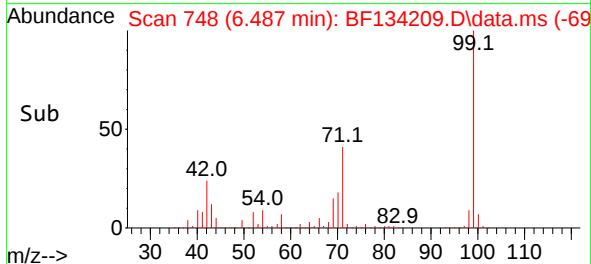
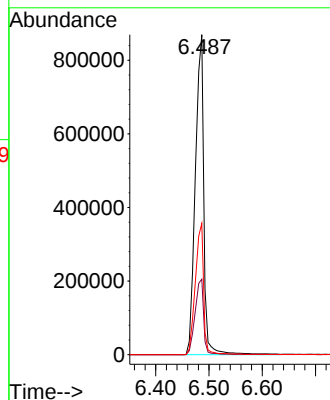
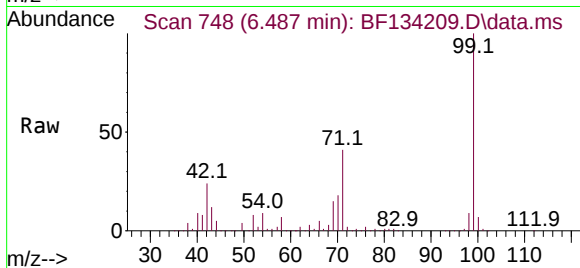
Tgt Ion: 99 Resp: 966814

Ion Ratio Lower Upper

99 100

42 23.6 19.8 29.6

71 41.0 31.9 47.9



#19

n-Nitroso-di-n-propylamine

Concen: 20.926 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.153 min

Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

Tgt Ion: 70 Resp: 100964

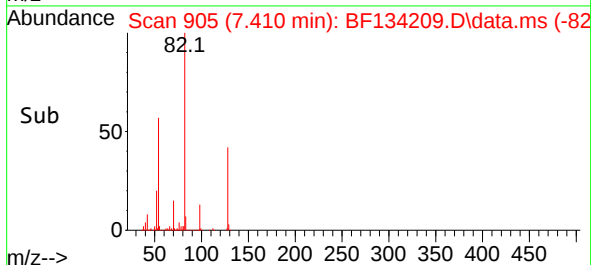
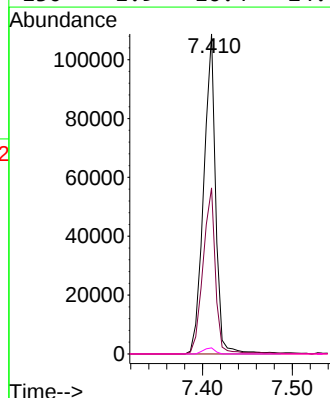
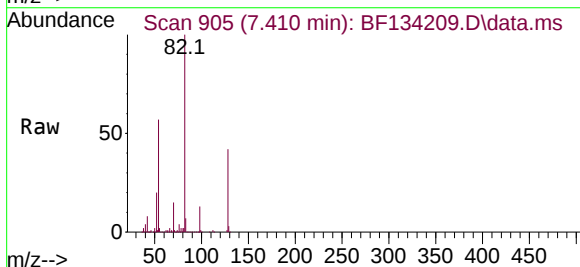
Ion Ratio Lower Upper

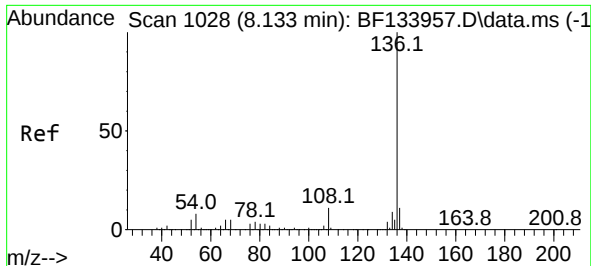
70 100

42 51.9 54.7 82.1#

101 0.0 7.7 11.5#

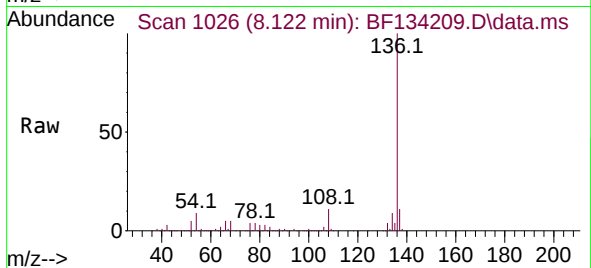
130 1.9 16.4 24.6#



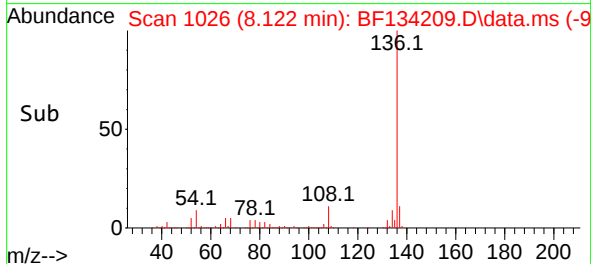
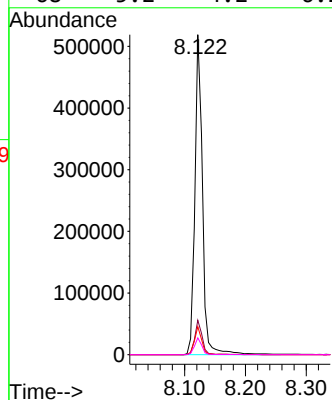


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21

Instrument :
BNA_F
ClientSampleId :

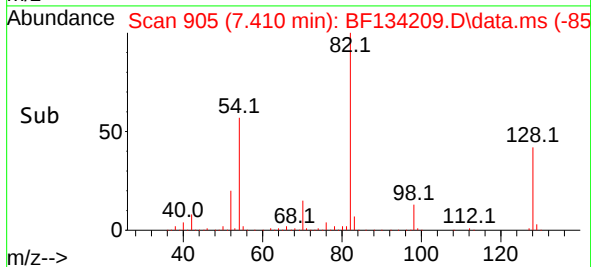
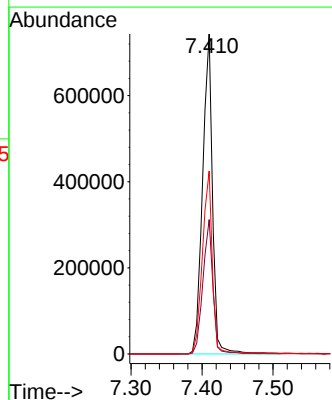
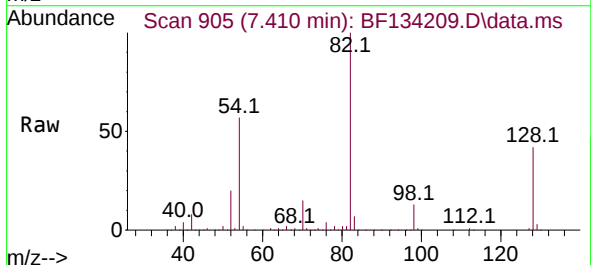


Tgt Ion:136 Resp: 449003
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.7 6.5 9.7
68 5.2 4.2 6.2



#23
Nitrobenzene-d5
Concen: 87.129 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21

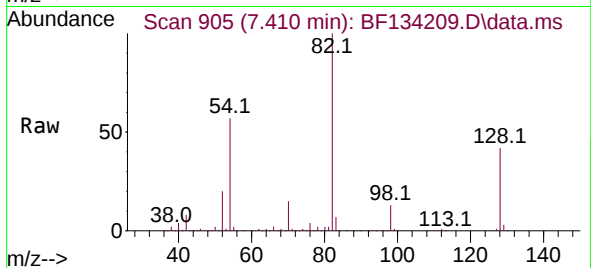
Tgt Ion: 82 Resp: 725742
Ion Ratio Lower Upper
82 100
128 42.0 32.5 48.7
54 57.1 48.2 72.2



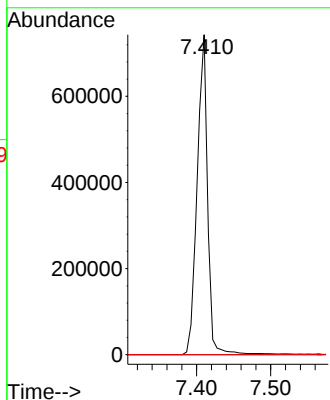
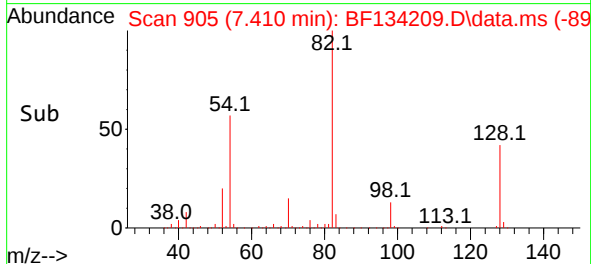


#25
Isophorone
Concen: 47.941 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21

Instrument :
BNA_F
ClientSampleId :

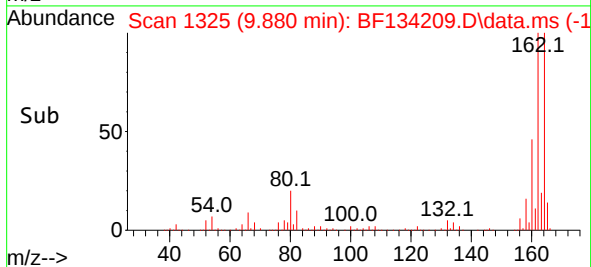
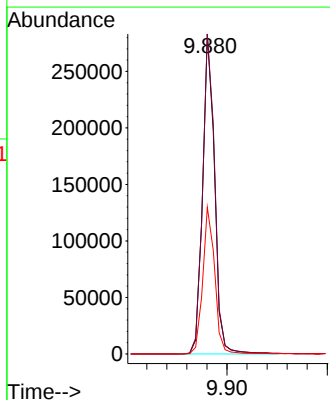
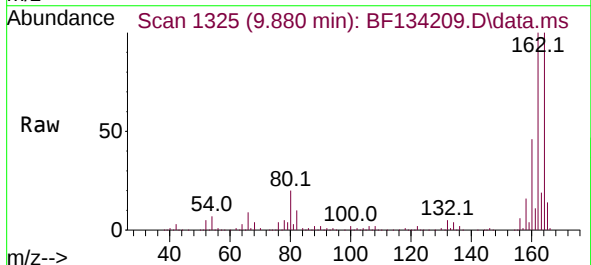


Tgt Ion: 82 Resp: 725735
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21

Tgt Ion:164 Resp: 235330
Ion Ratio Lower Upper
164 100
162 100.1 80.0 120.0
160 45.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 121.079 ng

RT: 10.680 min Scan# 1462

Delta R.T. -0.000 min

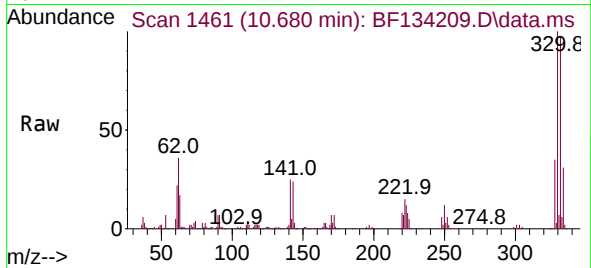
Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

Instrument :

BNA_F

ClientSampleId :



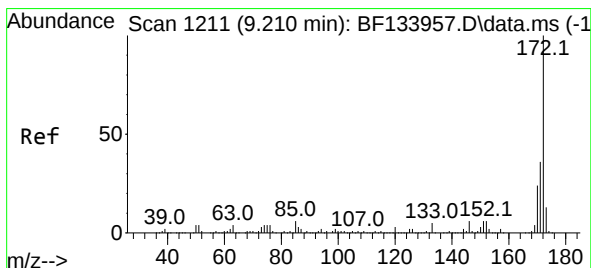
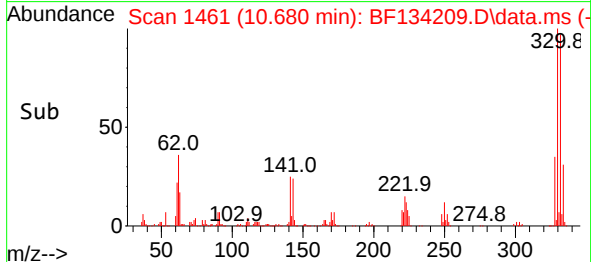
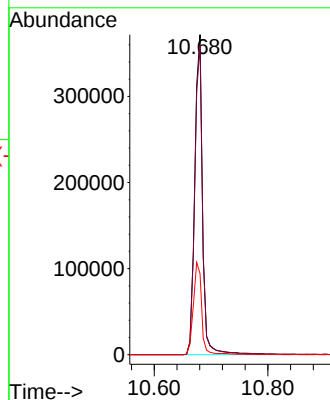
Tgt Ion:330 Resp: 357253

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

141 30.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.896 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

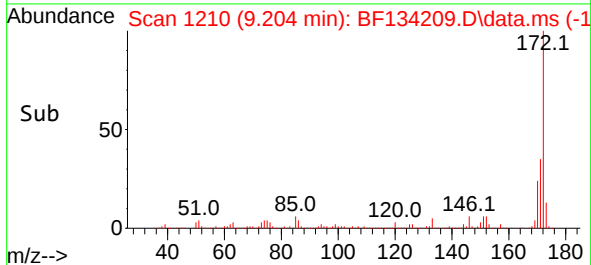
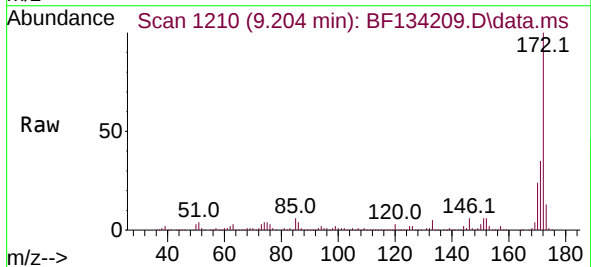
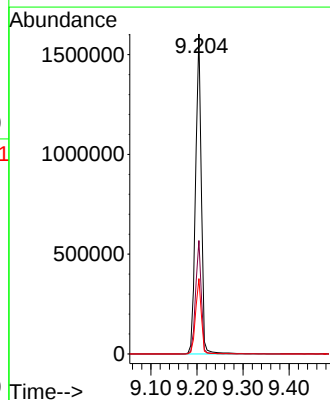
Tgt Ion:172 Resp: 1390328

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

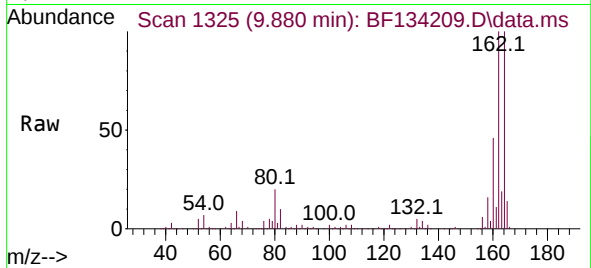
170 23.6 19.4 29.0



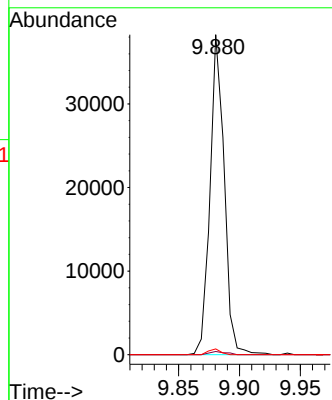
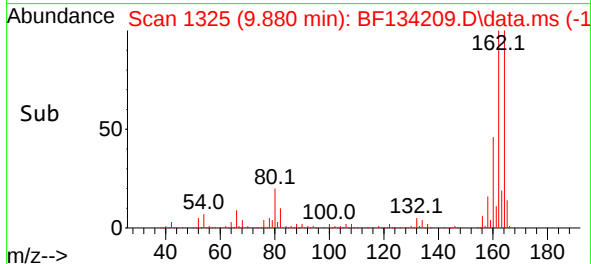


#51
2,6-Dinitrotoluene
Concen: 8.421 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21

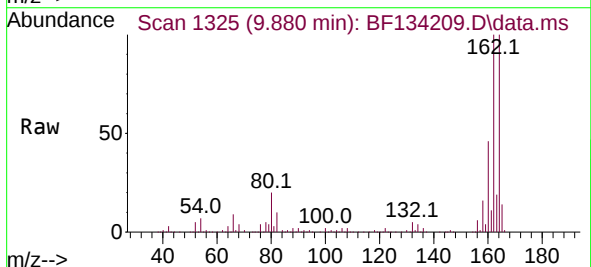
Instrument :
BNA_F
ClientSampleId :



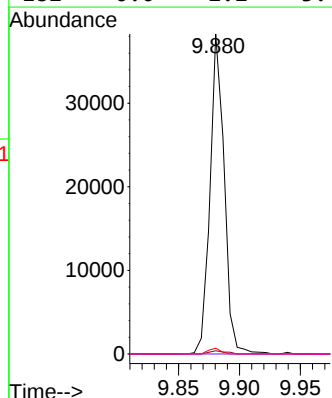
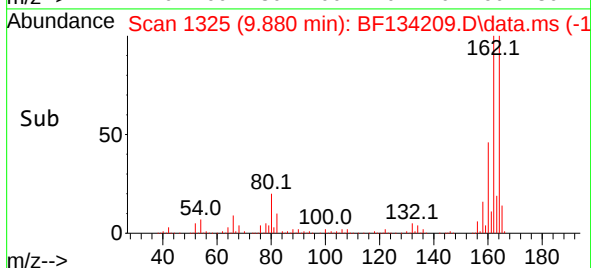
Tgt Ion:165 Resp: 30984
Ion Ratio Lower Upper
165 100
63 1.0 48.5 72.7#
89 1.8 45.5 68.3#

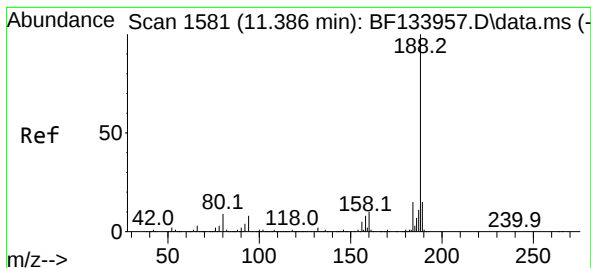


#57
2,4-Dinitrotoluene
Concen: 6.377 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134209.D
Acq: 11 Jul 2023 12:21



Tgt Ion:165 Resp: 30984
Ion Ratio Lower Upper
165 100
63 1.0 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# 1

Delta R.T. -0.006 min

Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

Instrument :

BNA_F

ClientSampleId :

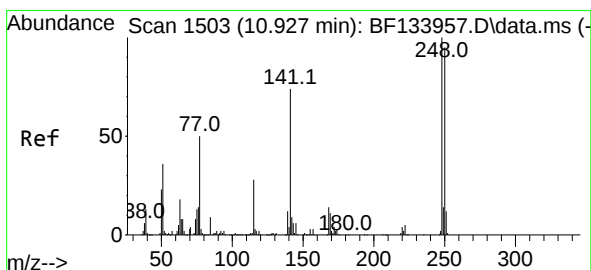
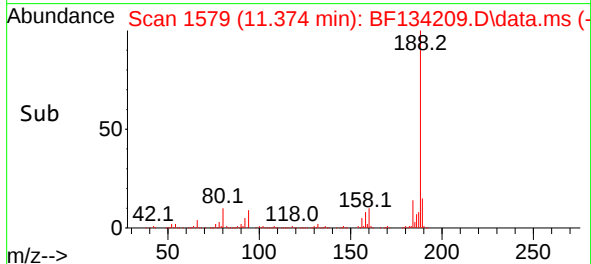
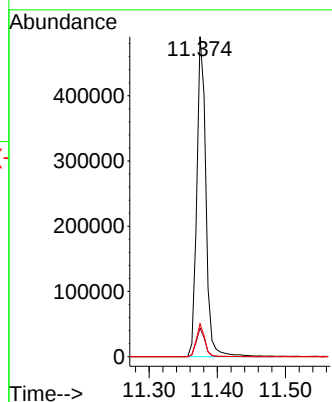
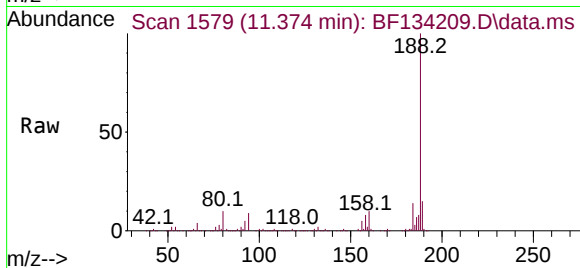
Tgt Ion:188 Resp: 451714

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 10.3 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.349 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.241 min

Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

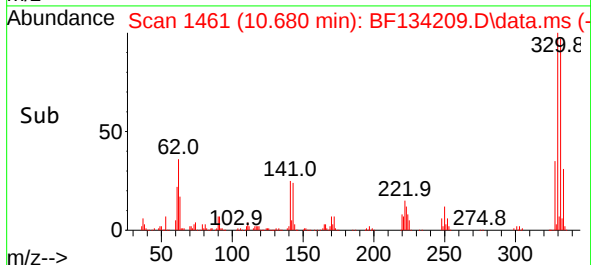
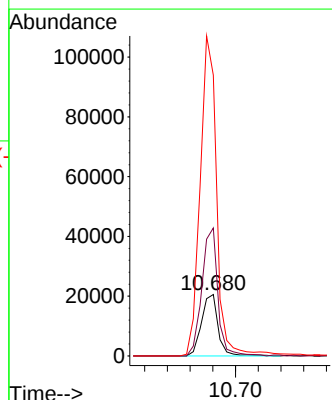
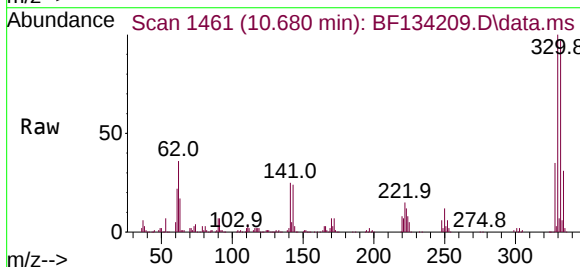
Tgt Ion:248 Resp: 20882

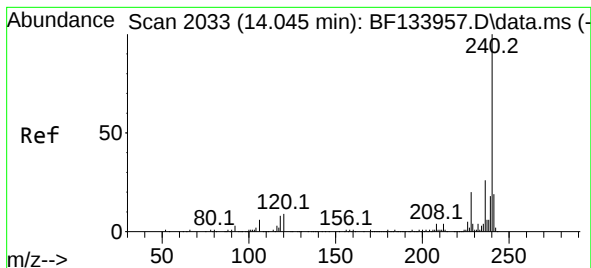
Ion Ratio Lower Upper

248 100

250 208.1 76.2 114.4#

141 456.8 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

Instrument :

BNA_F

ClientSampleId :

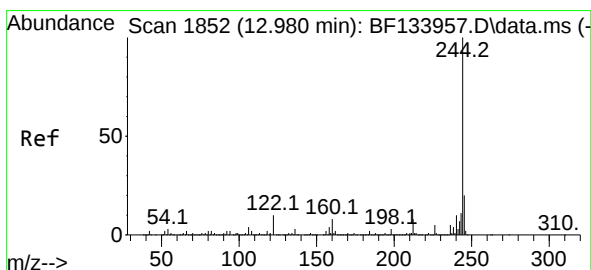
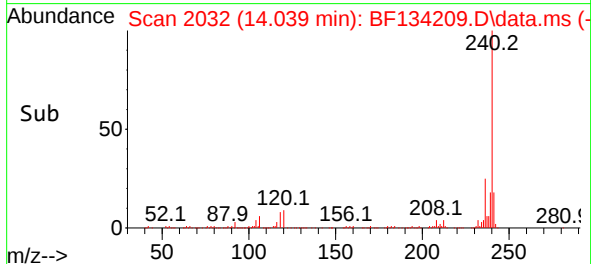
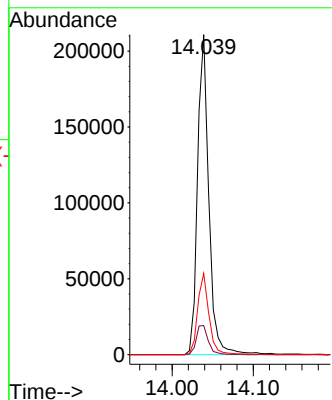
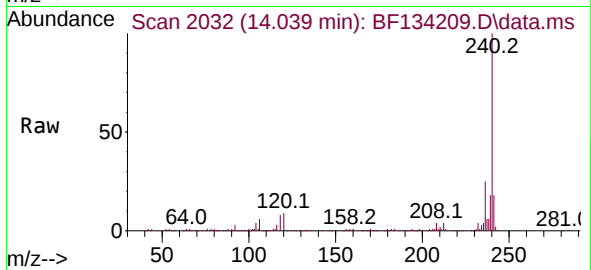
Tgt Ion:240 Resp: 204799

Ion Ratio Lower Upper

240 100

120 9.1 7.4 11.0

236 25.4 21.0 31.6



#79

Terphenyl-d14

Concen: 116.803 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF134209.D

Acq: 11 Jul 2023 12:21

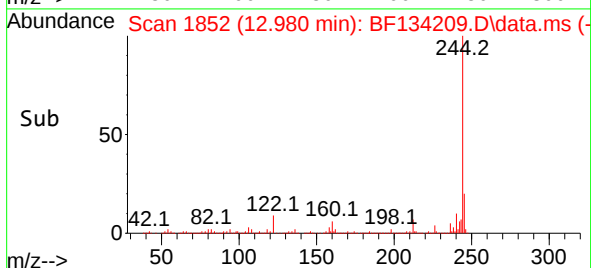
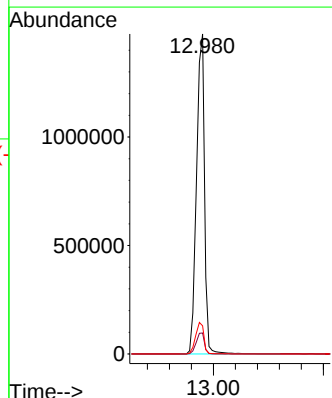
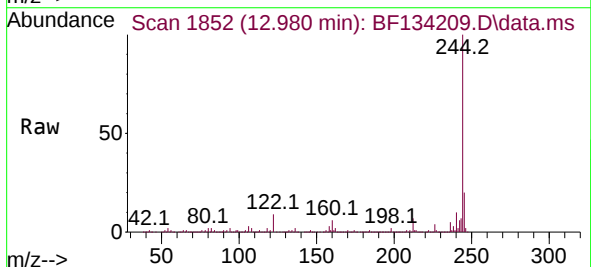
Tgt Ion:244 Resp: 1486318

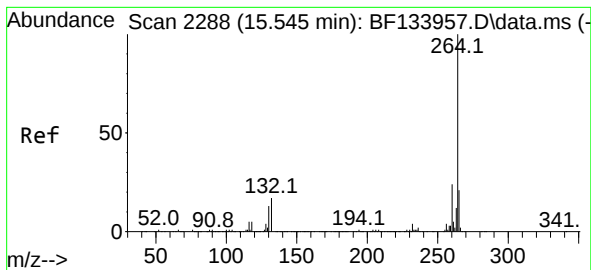
Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

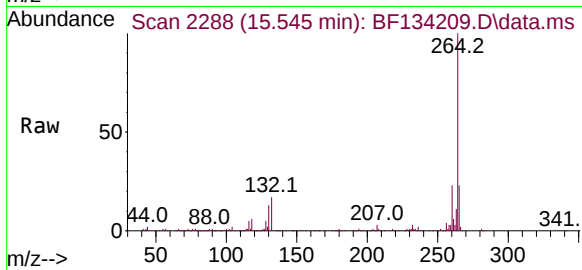
122 8.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF134209.D
 Acq: 11 Jul 2023 12:21

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 196891
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 22.5 16.6 25.0

