

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134123.D
 Acq On : 07 Jul 2023 06:54
 Operator : CG\JU
 Sample : PB153945BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153945BL

Quant Time: Jul 07 08:19:08 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)

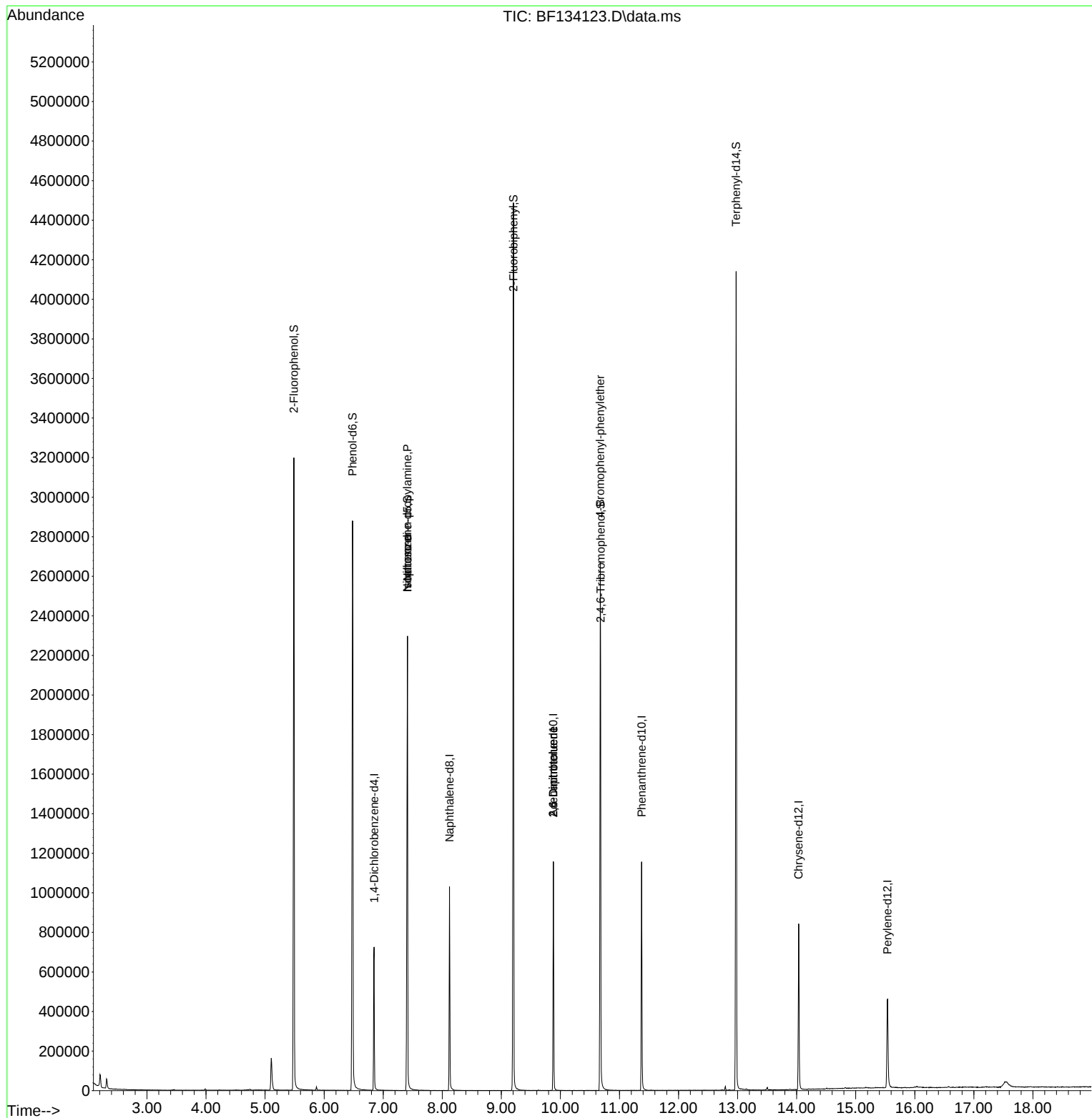
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	110393	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	420956	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	213554	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	425917	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	289039	20.000	ng	-0.02
86) Perylene-d12	15.539	264	248364	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	887324	134.455	ng	0.00
7) Phenol-d6	6.481	99	1068887	131.701	ng	-0.01
23) Nitrobenzene-d5	7.410	82	723391	92.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	355088	132.617	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1339281	91.179	ng	0.00
79) Terphenyl-d14	12.975	244	1583697	88.183	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1866	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	101573	19.735	ng	# 77
25) Isophorone	7.410	82	723387	50.969	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	27481	8.231	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	27481	6.232	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	21845	4.825	ng	# 1

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

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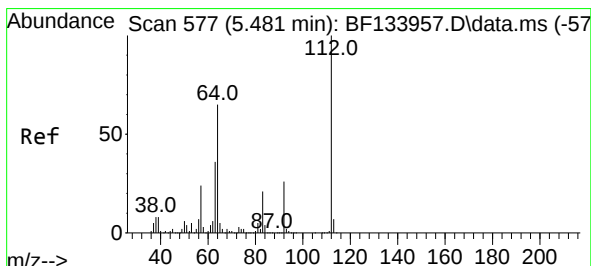
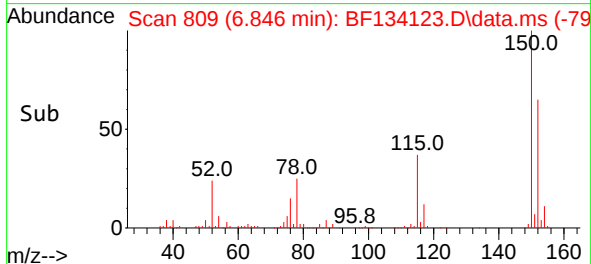
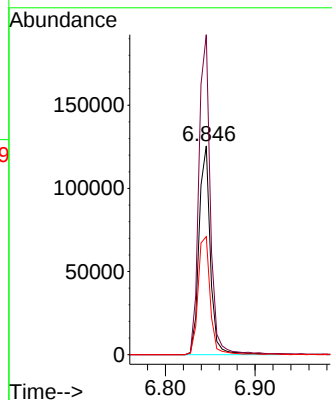
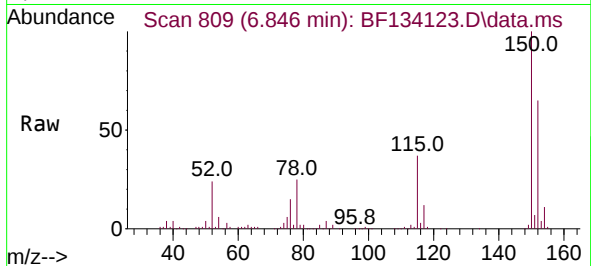




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

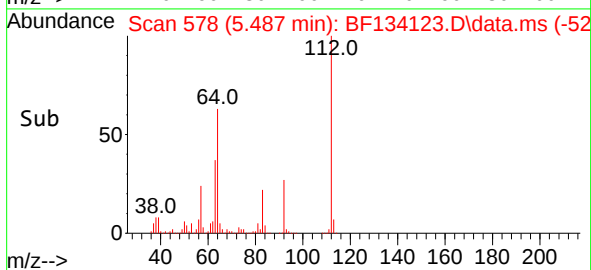
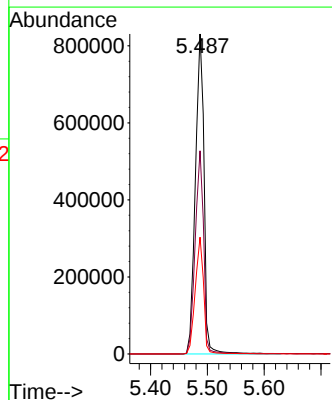
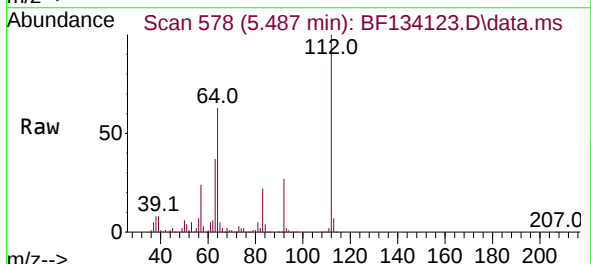
Instrument :
BNA_F
ClientSampleId :
PB153945BL

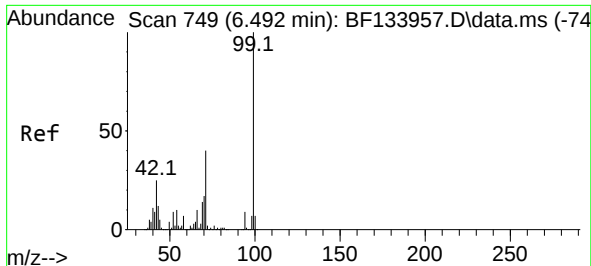
Tgt Ion:152 Resp: 110393
Ion Ratio Lower Upper
152 100
150 153.2 124.5 186.7
115 56.5 50.2 75.2



#5
2-Fluorophenol
Concen: 134.455 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Tgt Ion:112 Resp: 887324
Ion Ratio Lower Upper
112 100
64 63.5 52.1 78.1
63 36.5 28.6 42.8

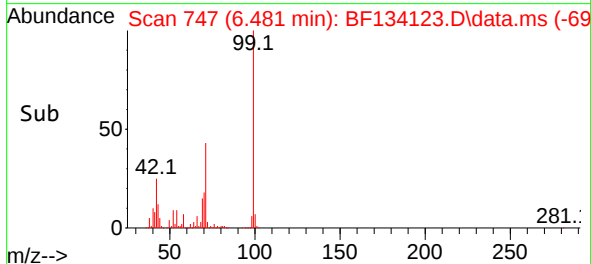
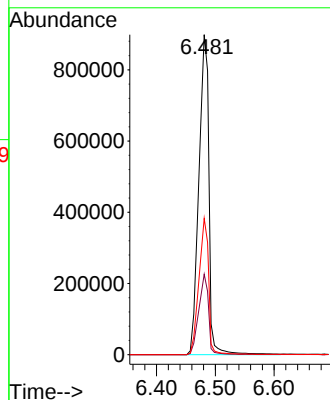
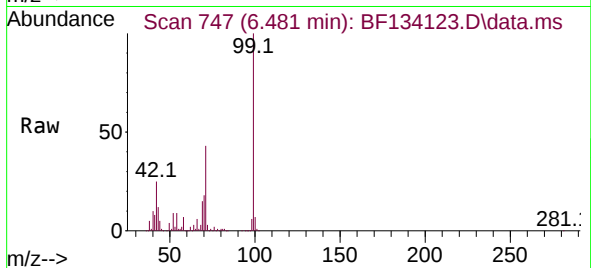




#7
Phenol-d6
Concen: 131.701 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

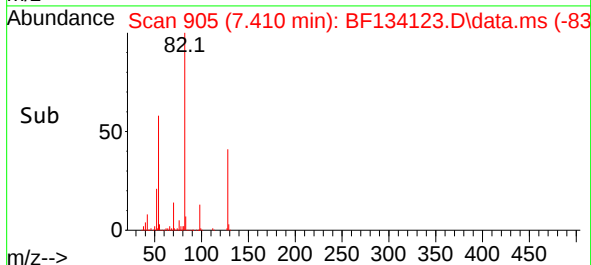
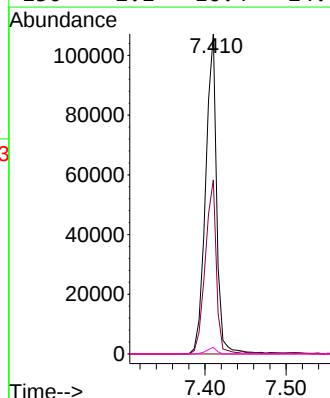
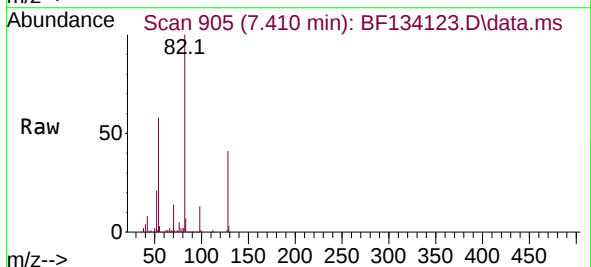
Instrument :
BNA_F
ClientSampleId :
PB153945BL

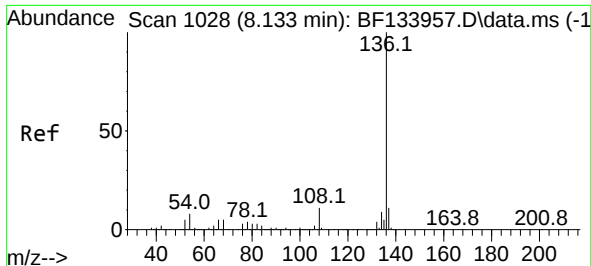
Tgt Ion: 99 Resp: 1068887
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 42.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.735 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Tgt Ion: 70 Resp: 101573
Ion Ratio Lower Upper
70 100
42 54.4 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. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

Instrument :

BNA_F

ClientSampleId :

PB153945BL

Tgt Ion:136 Resp: 420956

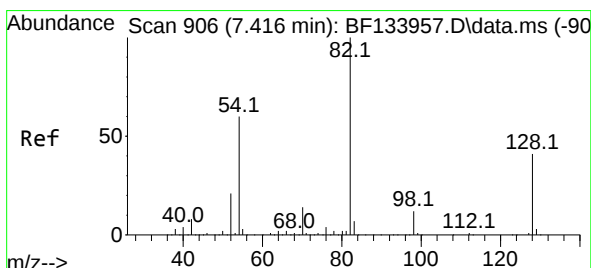
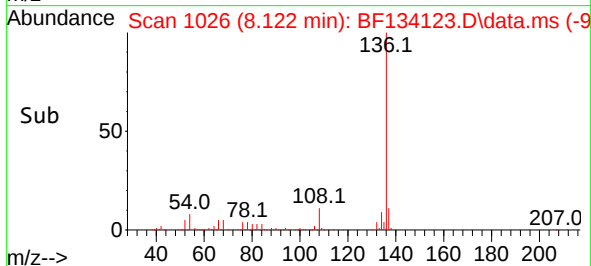
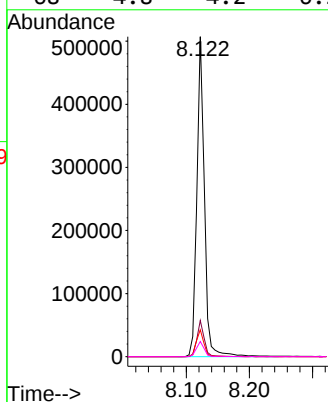
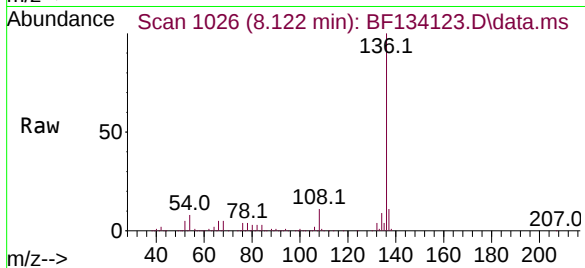
Ion Ratio Lower Upper

136 100

137 11.3 8.6 12.8

54 8.4 6.5 9.7

68 4.8 4.2 6.2



#23

Nitrobenzene-d5

Concen: 92.634 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

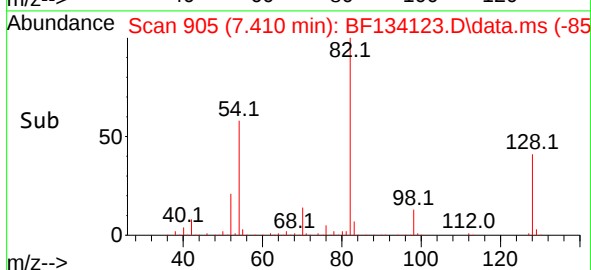
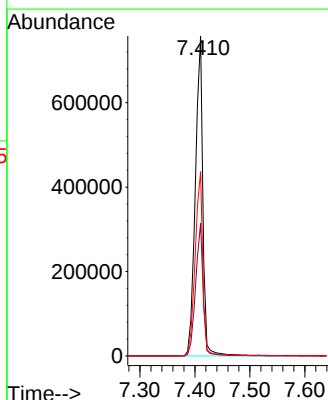
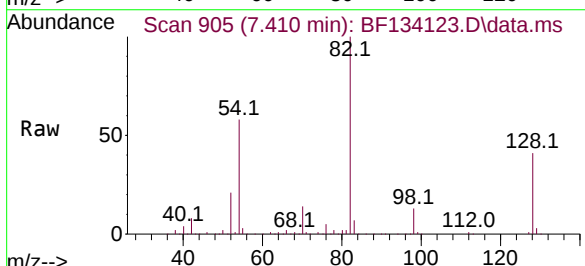
Tgt Ion: 82 Resp: 723391

Ion Ratio Lower Upper

82 100

128 41.4 32.5 48.7

54 57.6 48.2 72.2

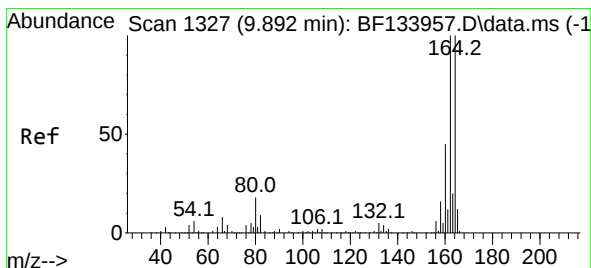
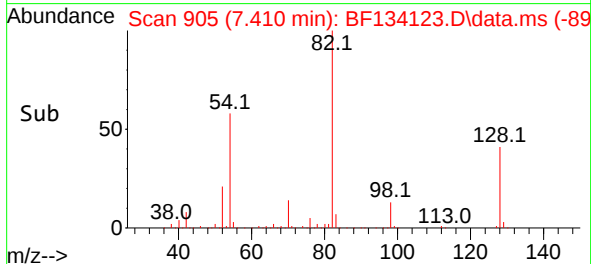
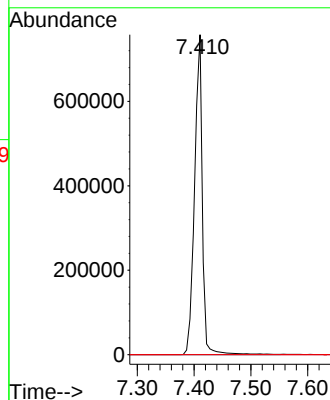
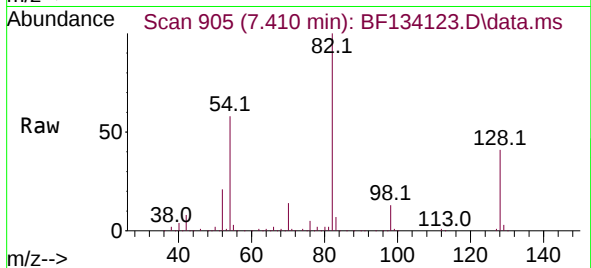




#25
Isophorone
Concen: 50.969 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

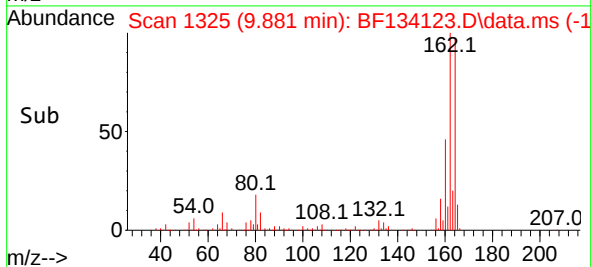
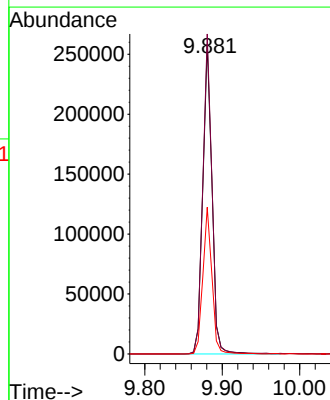
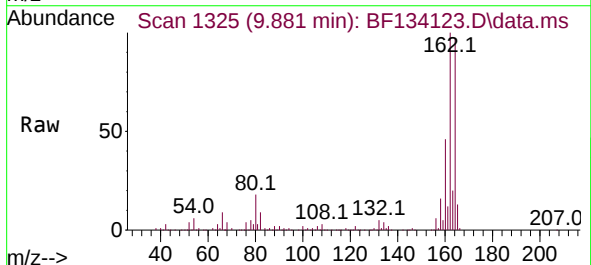
Instrument :
BNA_F
ClientSampleId :
PB153945BL

Tgt Ion: 82 Resp: 723387
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. -0.012 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

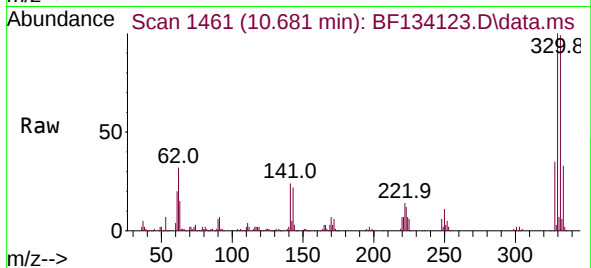
Tgt Ion: 164 Resp: 213554
Ion Ratio Lower Upper
164 100
162 103.2 80.0 120.0
160 47.4 35.9 53.9



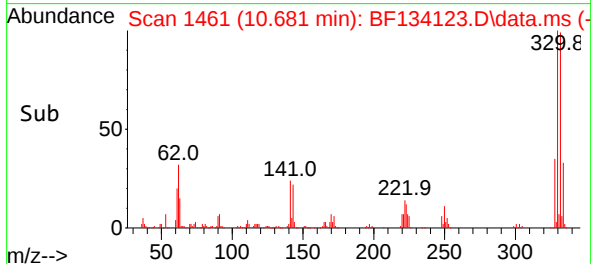
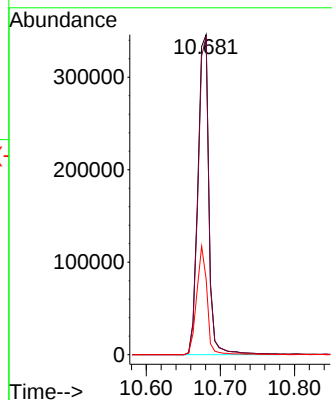


#42
2,4,6-Tribromophenol
Concen: 132.617 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Instrument :
BNA_F
ClientSampleId :
PB153945BL

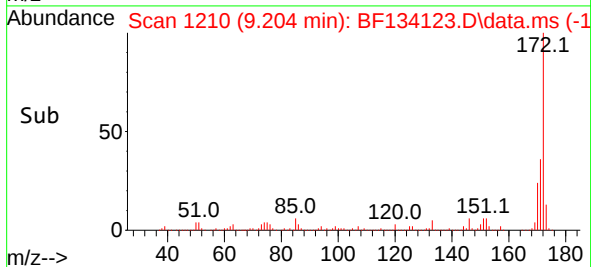
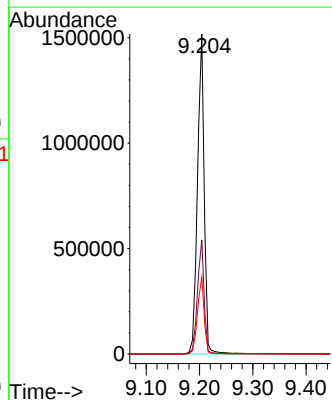
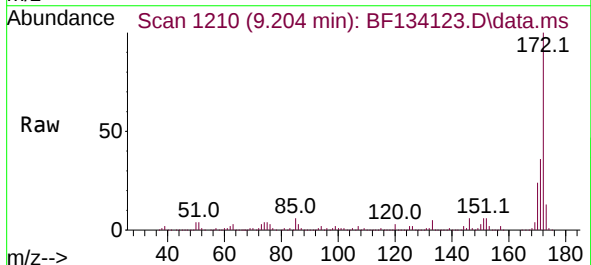


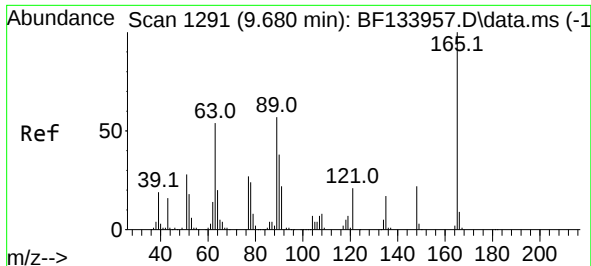
Tgt Ion:330 Resp: 355088
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.6
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 91.179 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Tgt Ion:172 Resp: 1339281
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.0 19.4 29.0

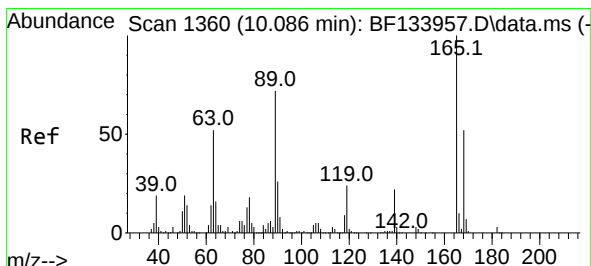
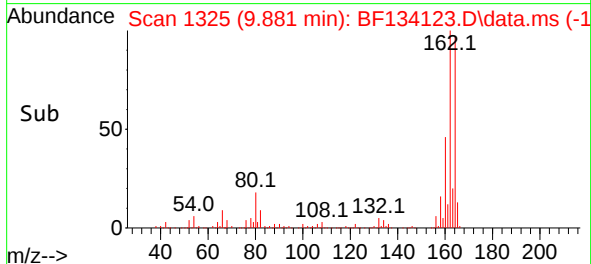
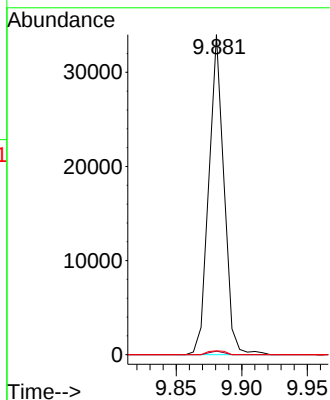
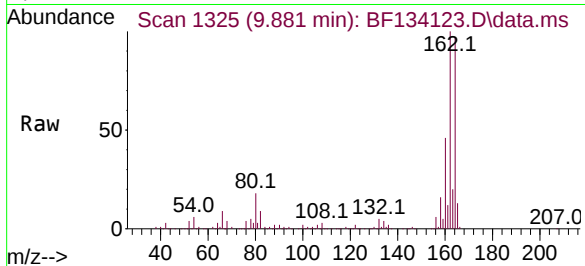




#51
2,6-Dinitrotoluene
Concen: 8.231 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

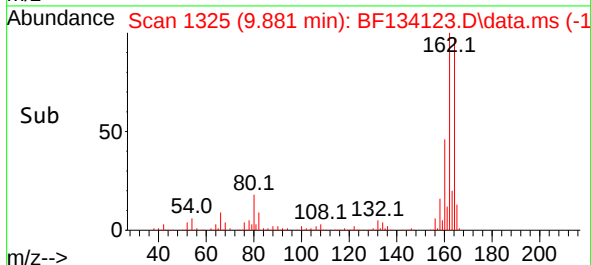
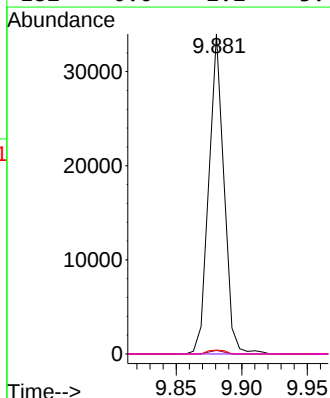
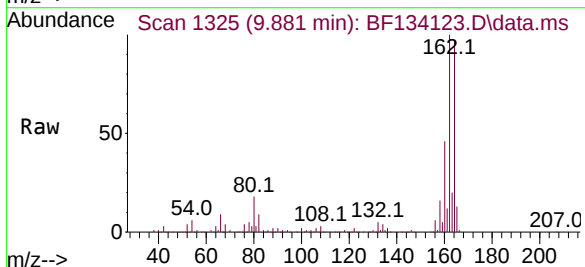
Instrument :
BNA_F
ClientSampleId :
PB153945BL

Tgt Ion:165 Resp: 27481
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.2 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.232 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Tgt Ion:165 Resp: 27481
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.2 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. -0.012 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

Instrument :

BNA_F

ClientSampleId :

PB153945BL

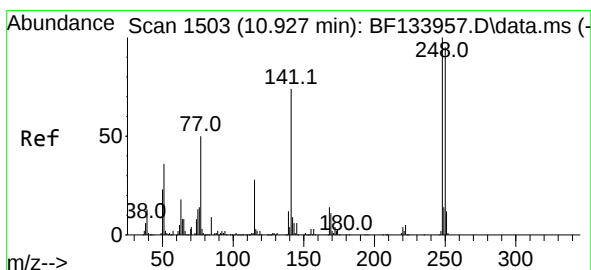
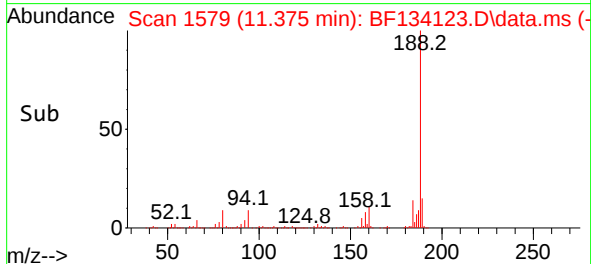
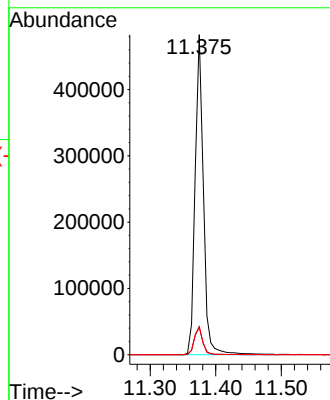
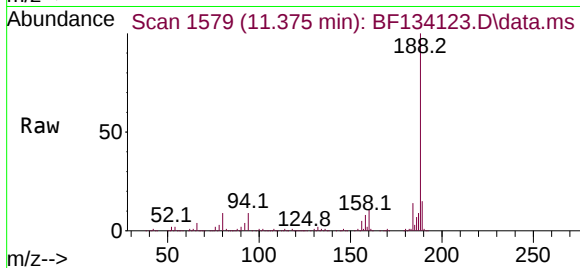
Tgt Ion:188 Resp: 425917

Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 8.8 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.825 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF134123.D

Acq: 07 Jul 2023 06:54

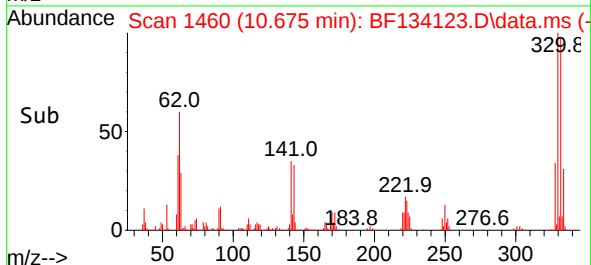
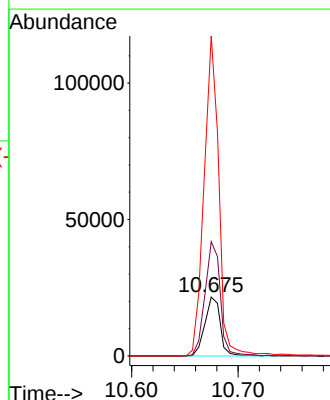
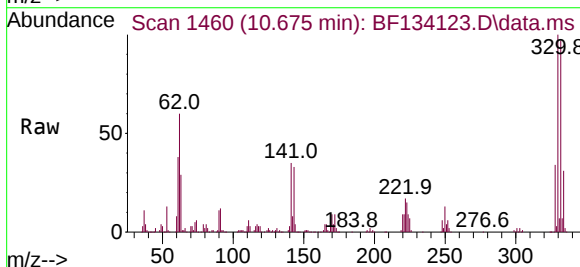
Tgt Ion:248 Resp: 21845

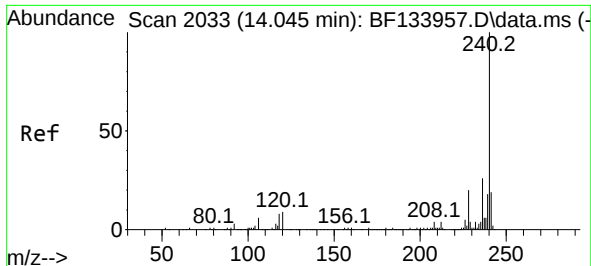
Ion Ratio Lower Upper

248 100

250 193.8 76.2 114.4#

141 543.0 59.0 88.4#

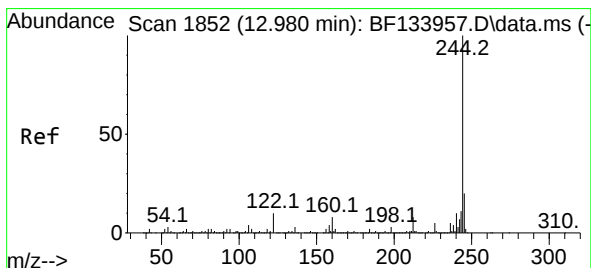
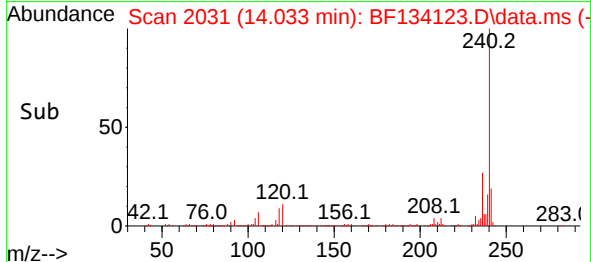
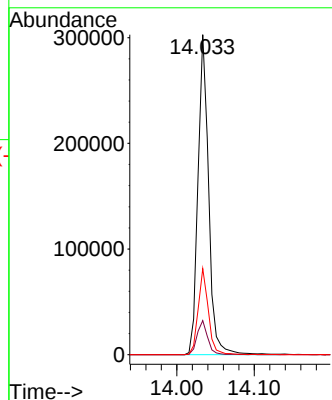
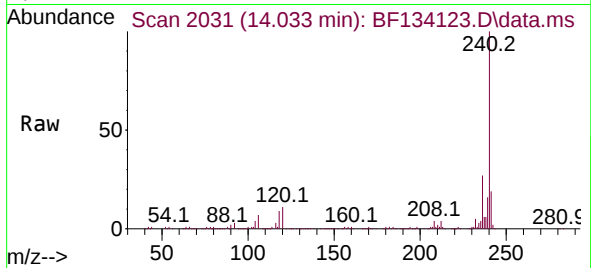




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

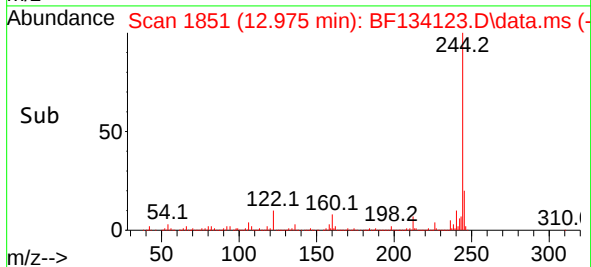
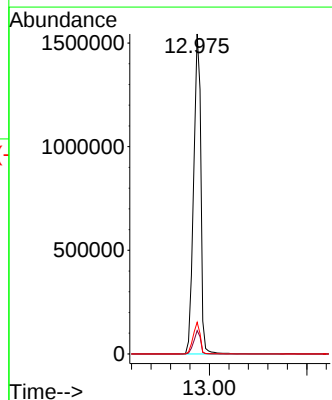
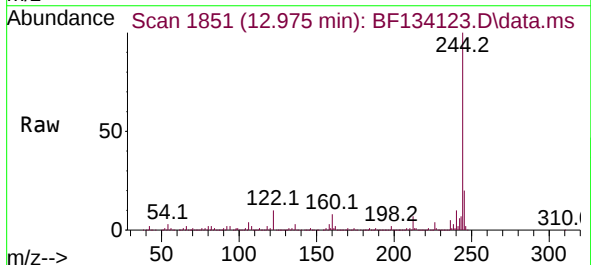
Instrument :
BNA_F
ClientSampleId :
PB153945BL

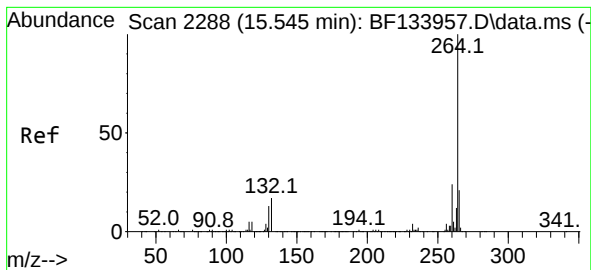
Tgt Ion:240 Resp: 289039
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 26.9 21.0 31.6



#79
Terphenyl-d14
Concen: 88.183 ng
RT: 12.975 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134123.D
Acq: 07 Jul 2023 06:54

Tgt Ion:244 Resp: 1583697
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF134123.D
 Acq: 07 Jul 2023 06:54

Instrument :
 BNA_F
 ClientSampleId :
 PB153945BL

Tgt Ion:264 Resp: 248364
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 20.6 16.6 25.0

