

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133544.D
 Acq On : 31 May 2023 17:49
 Operator : CG\JU
 Sample : 02957-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-0A

Quant Time: May 31 18:14:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

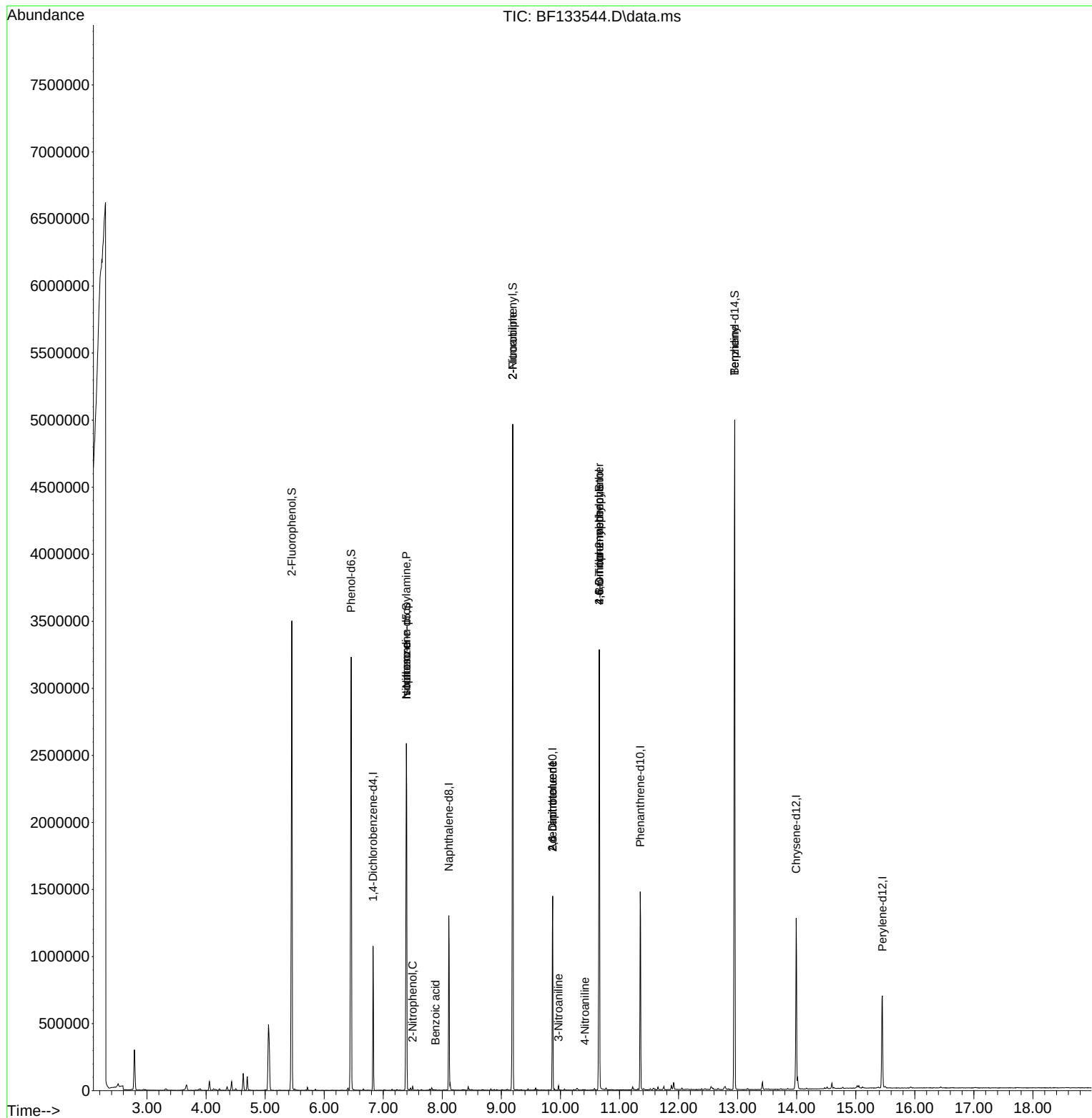
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	138464	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	539472	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	270311	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	535536	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	389526	20.000	ng	-0.01
86) Perylene-d12	15.451	264	316357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1028698	123.956	ng	0.01
7) Phenol-d6	6.457	99	1172312	114.752	ng	0.00
23) Nitrobenzene-d5	7.392	82	890093	110.164	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	423397	157.134	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1542169	88.056	ng	0.00
79) Terphenyl-d14	12.951	244	1910831	87.220	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.381	77	175	Below Cal	#	62
19) n-Nitroso-di-n-propyla...	7.392	70	124688	18.864	ng	# 77
25) Isophorone	7.392	82	888899	47.205	ng	# 65
26) 2-Nitrophenol	7.498	139	82	4.761	ng	# 33
32) Benzoic acid	7.886	122	724	7.465	ng	# 11
48) 2-Nitroaniline	9.192	65	2937	4.518	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	33883	12.343	ng	# 18
53) 3-Nitroaniline	9.969	138	1563	3.502	ng	# 20
57) 2,4-Dinitrotoluene	9.869	165	33883	11.556	ng	# 15
62) 4-Nitroaniline	10.416	138	167	3.019	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.657	198	941	9.063	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	24904	4.379	ng	# 1
77) Benzidine	12.951	184	26059	2.287	ng	# 95

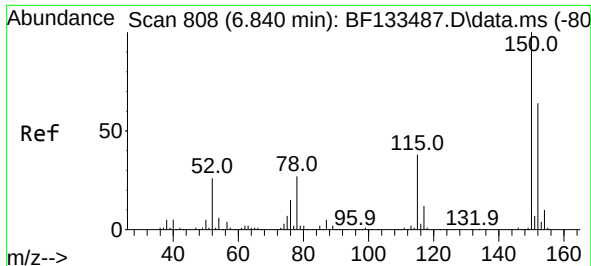
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
Data File : BF133544.D
Acq On : 31 May 2023 17:49
Operator : CG\JU
Sample : 02957-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-9-0A

Quant Time: May 31 18:14:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 30 12:58:40 2023
Response via : Initial Calibration

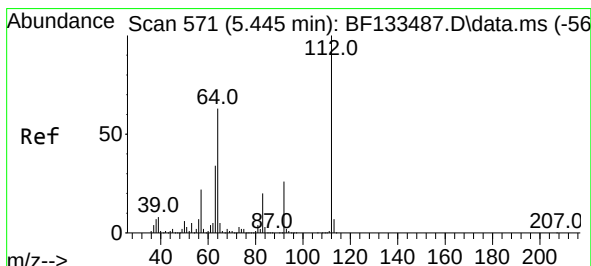
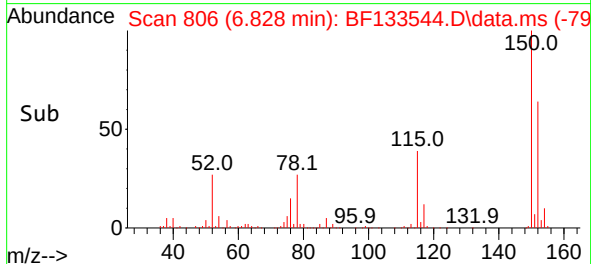
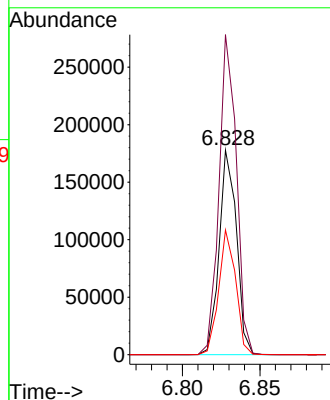
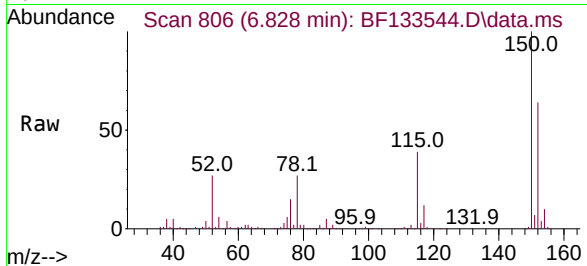




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

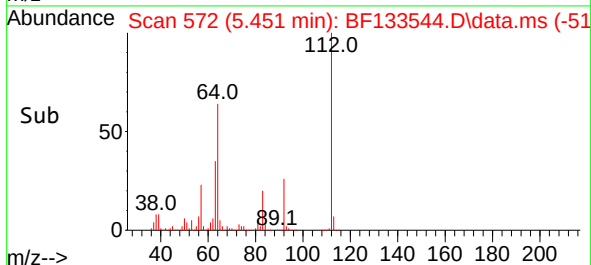
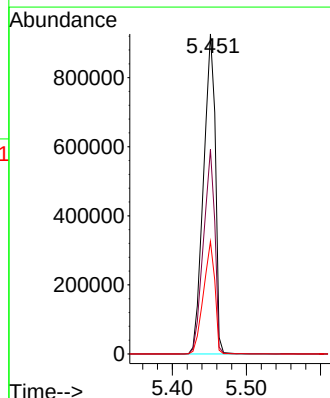
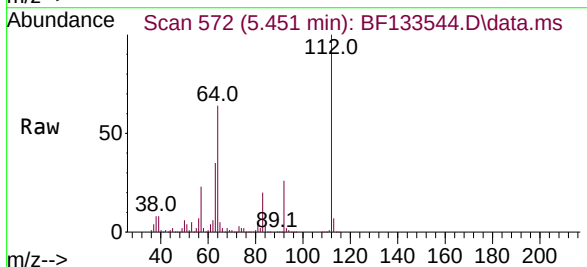
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

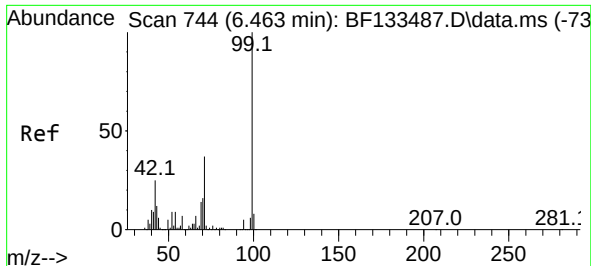
Tgt Ion:152 Resp: 138464
Ion Ratio Lower Upper
152 100
150 156.5 124.9 187.3
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 123.956 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion:112 Resp: 1028698
Ion Ratio Lower Upper
112 100
64 63.9 50.1 75.1
63 35.2 27.5 41.3





#7

Phenol-d6

Concen: 114.752 ng

RT: 6.457 min Scan# 744

Delta R.T. -0.006 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

Instrument :

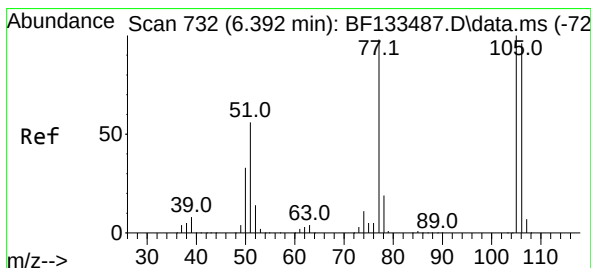
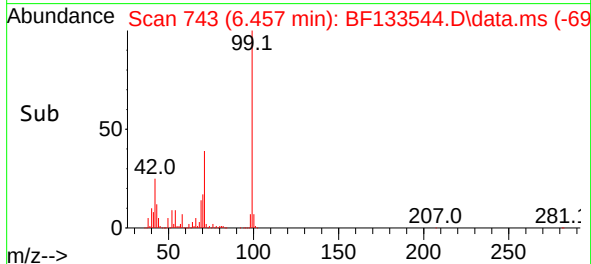
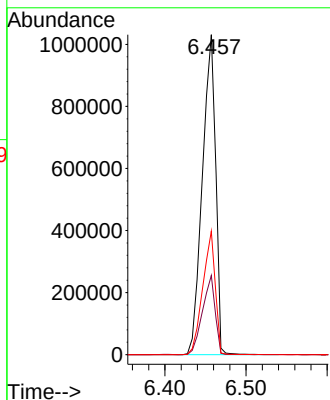
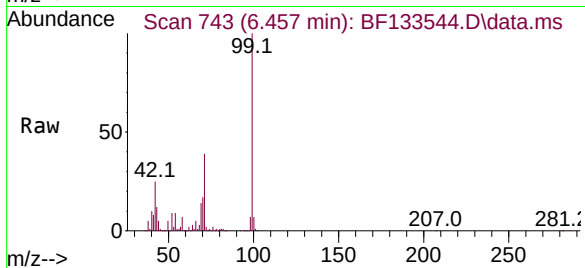
BNA_F

ClientSampleId :

TP-9-0A

Tgt Ion: 99 Resp: 1172312

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.7	29.5
71	38.6	29.8	44.8



#9

Benzaldehyde

Concen: Below Cal

RT: 6.381 min Scan# 730

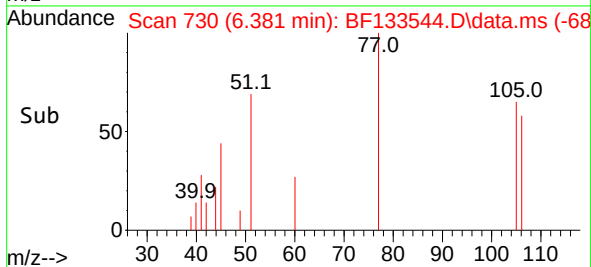
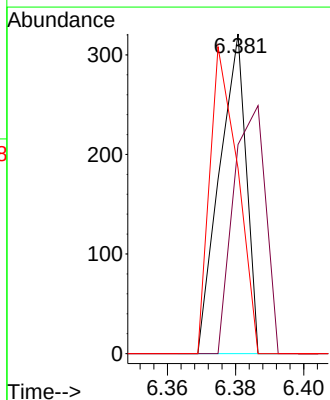
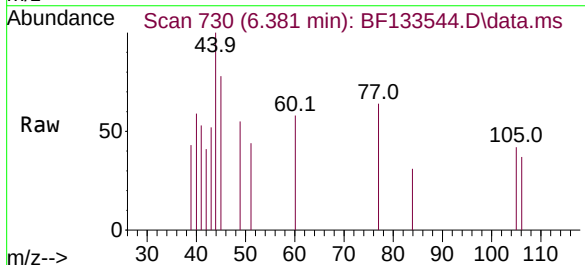
Delta R.T. -0.006 min

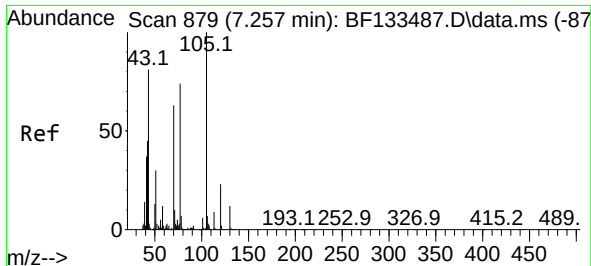
Lab File: BF133544.D

Acq: 31 May 2023 17:49

Tgt Ion: 77 Resp: 175

Ion	Ratio	Lower	Upper
77	100		
105	65.4	81.9	121.9#
106	57.9	77.8	117.8#

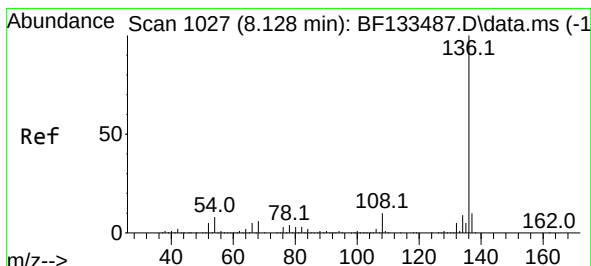
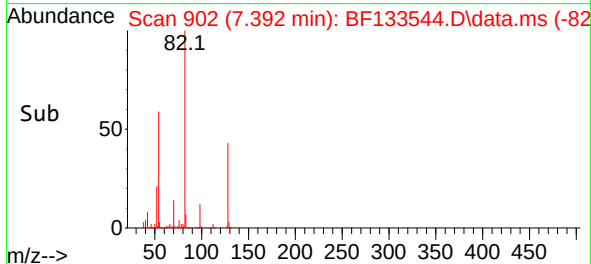
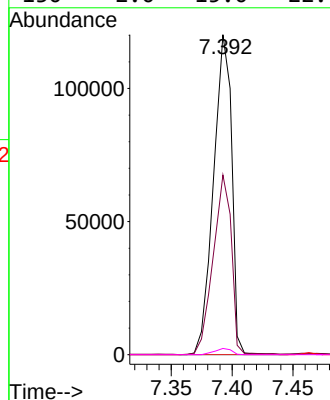
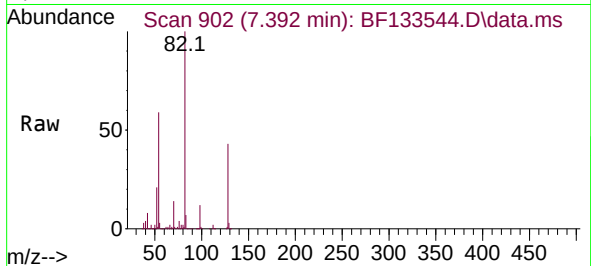




#19
n-Nitroso-di-n-propylamine
Concen: 18.864 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

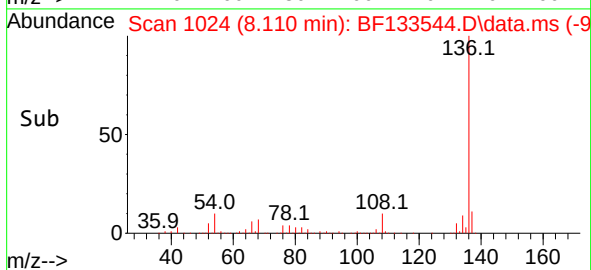
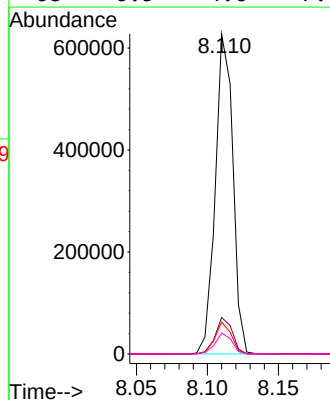
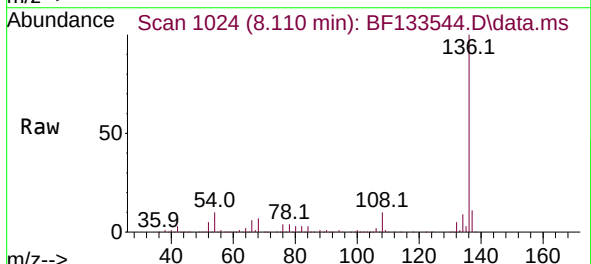
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

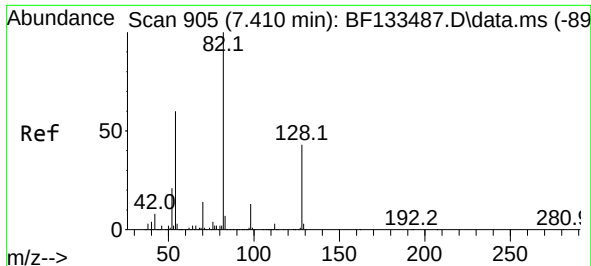
Tgt Ion: 70 Resp: 124688
Ion Ratio Lower Upper
70 100
42 56.2 57.2 85.8#
101 0.0 7.3 10.9#
130 2.0 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion: 136 Resp: 539472
Ion Ratio Lower Upper
136 100
137 11.4 8.2 12.4
54 10.0 6.6 10.0#
68 6.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 110.164 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

Instrument :

BNA_F

ClientSampleId :

TP-9-0A

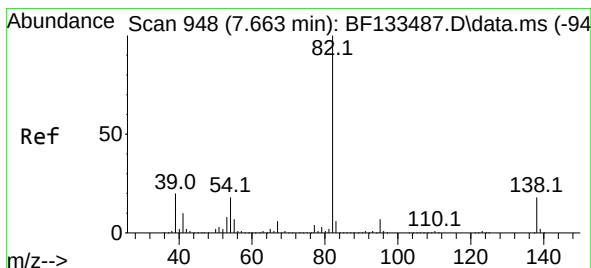
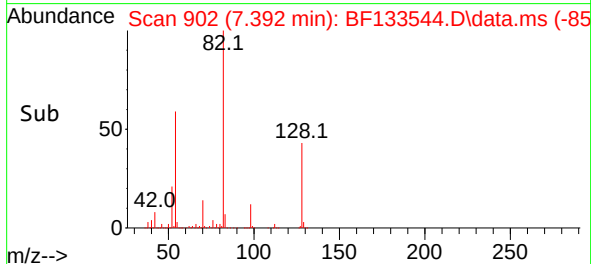
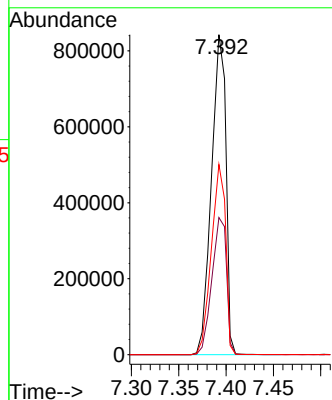
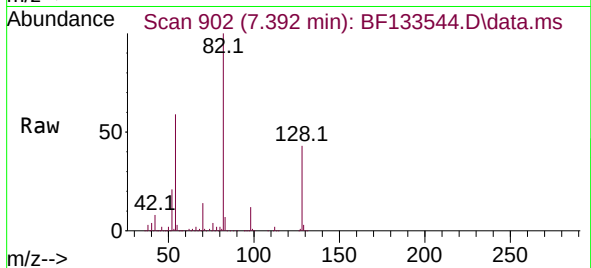
Tgt Ion: 82 Resp: 890093

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 59.5 48.2 72.4



#25

Isophorone

Concen: 47.205 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

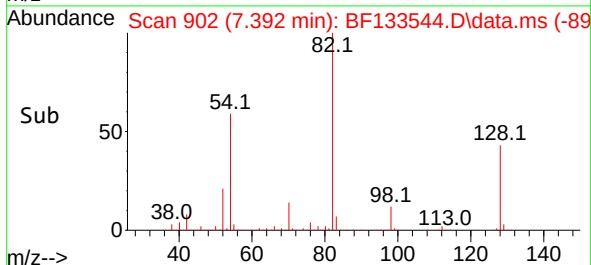
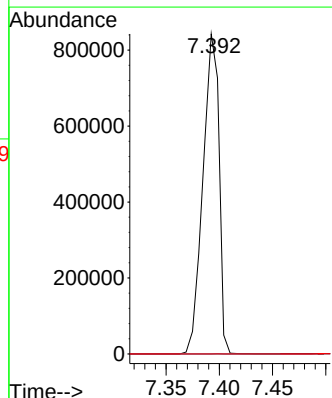
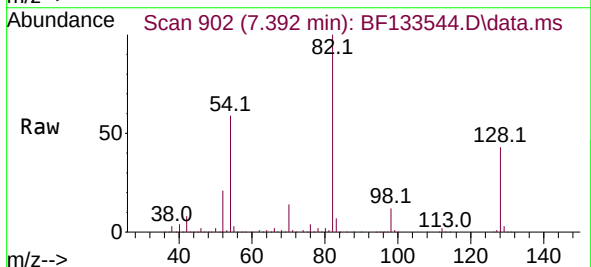
Tgt Ion: 82 Resp: 888899

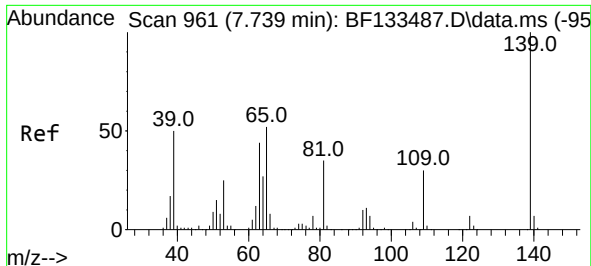
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

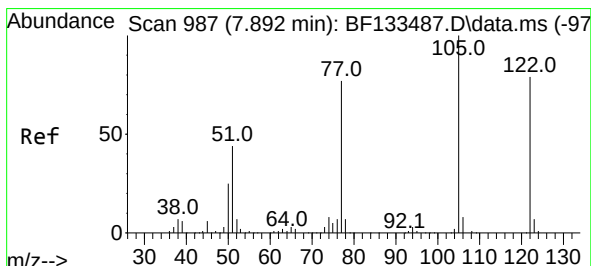
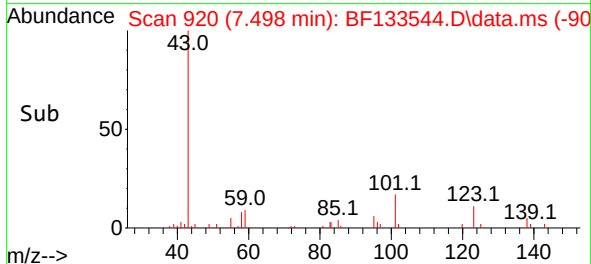
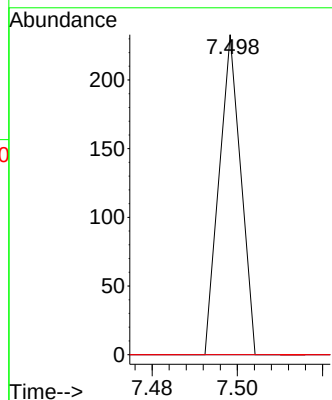
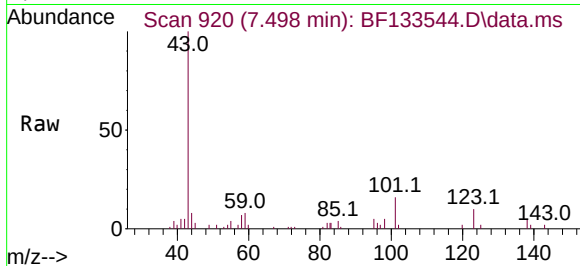




#26
2-Nitrophenol
Concen: 4.761 ng
RT: 7.498 min Scan# 91
Delta R.T. -0.235 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

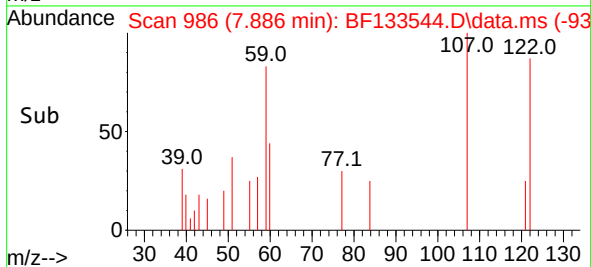
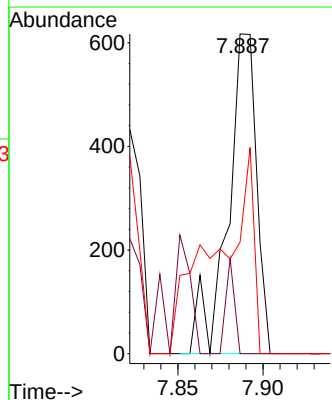
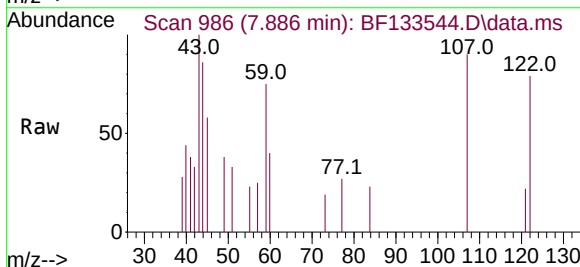
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

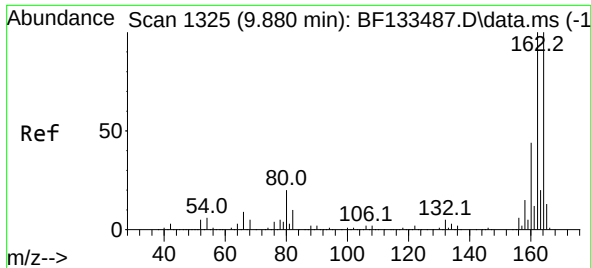
Tgt Ion:139 Resp: 82
Ion Ratio Lower Upper
139 100
109 0.0 24.0 36.0#
65 0.0 41.7 62.5#



#32
Benzoic acid
Concen: 7.465 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion:122 Resp: 724
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 34.8 75.7 115.7#

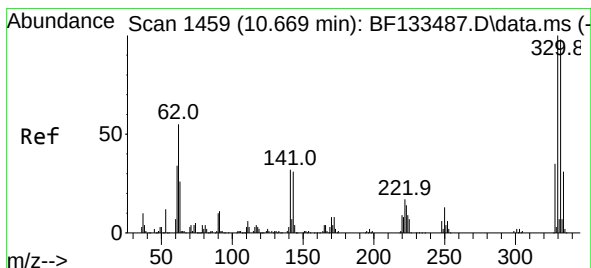
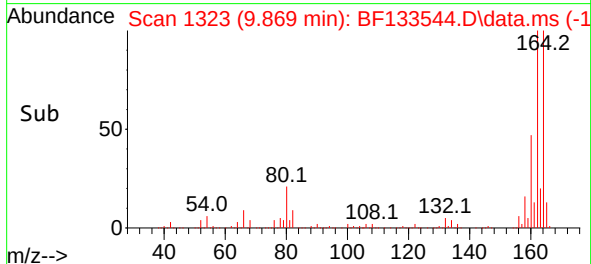
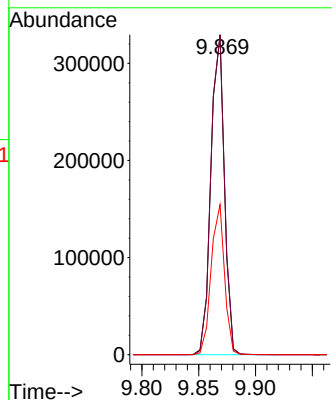
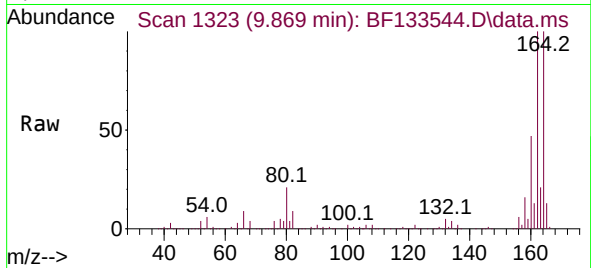




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

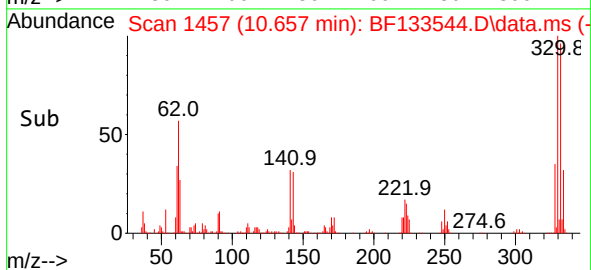
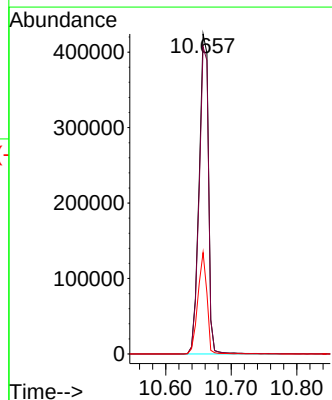
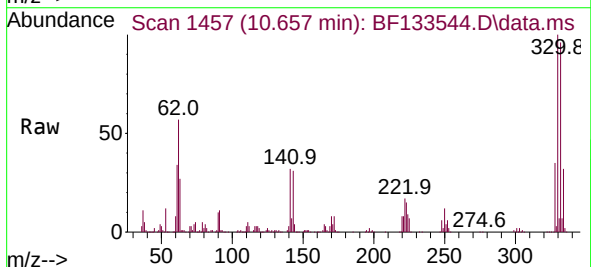
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

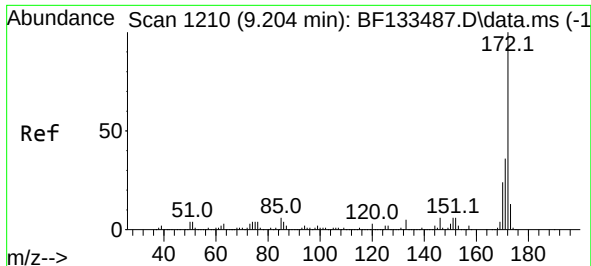
Tgt Ion:164 Resp: 270311
Ion Ratio Lower Upper
164 100
162 100.3 79.7 119.5
160 47.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 157.134 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion:330 Resp: 423397
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.6
141 30.5 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 88.056 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

Instrument :

BNA_F

ClientSampleId :

TP-9-0A

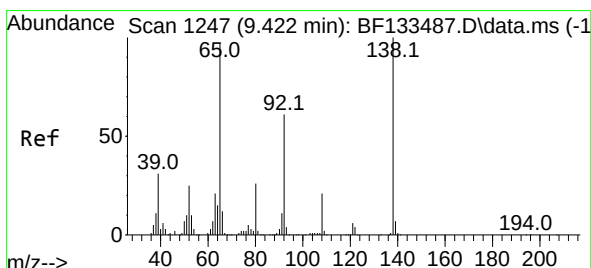
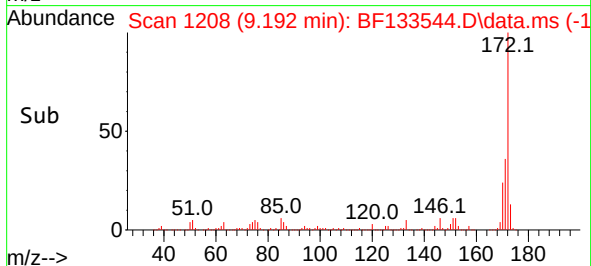
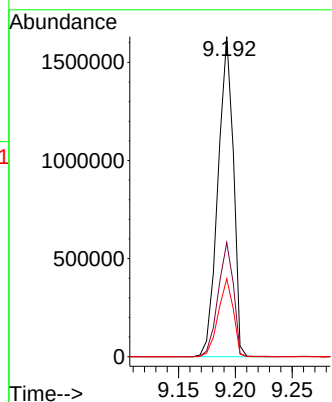
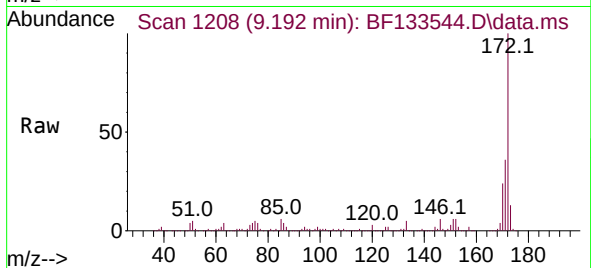
Tgt Ion:172 Resp: 1542169

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 24.3 19.3 28.9



#48

2-Nitroaniline

Concen: 4.518 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.224 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

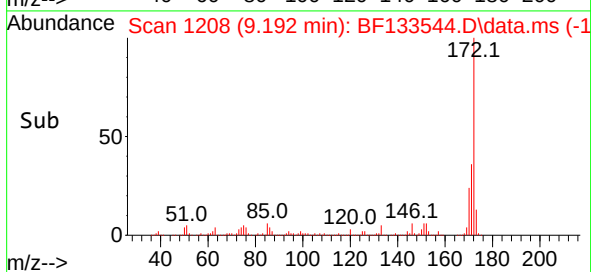
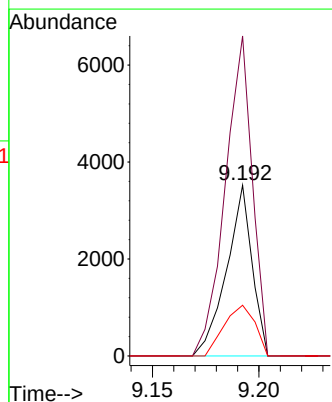
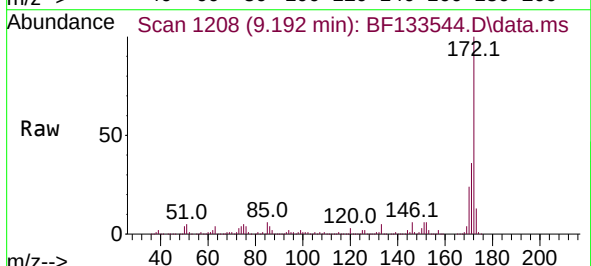
Tgt Ion: 65 Resp: 2937

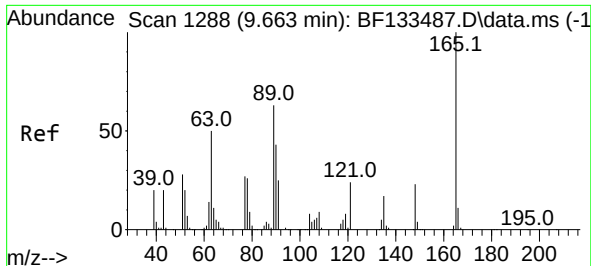
Ion Ratio Lower Upper

65 100

92 187.4 50.8 76.2#

138 29.7 82.6 124.0#

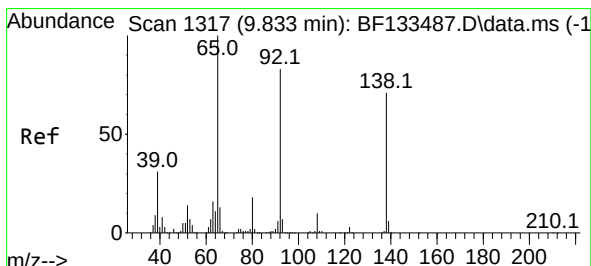
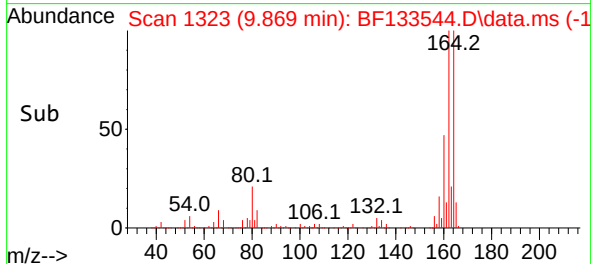
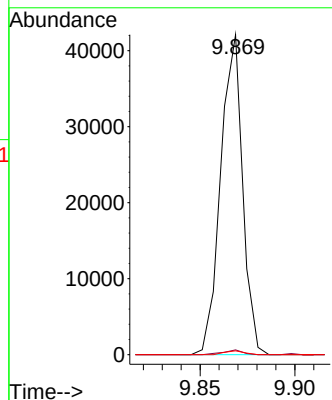
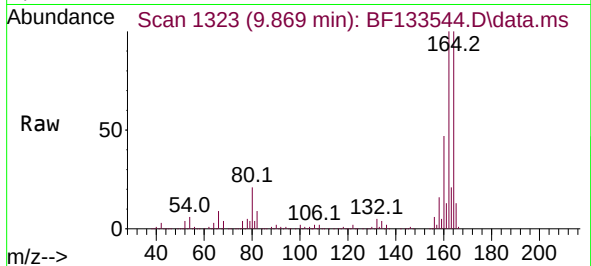




#51
2,6-Dinitrotoluene
Concen: 12.343 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

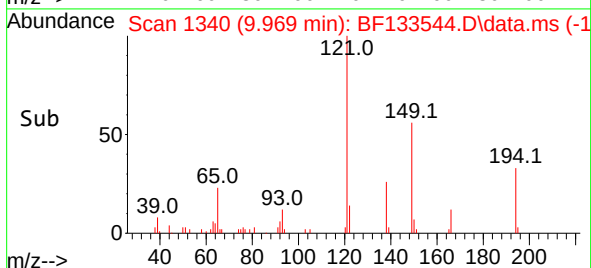
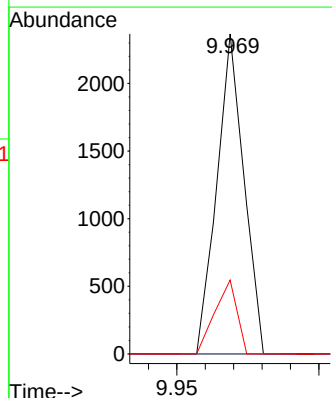
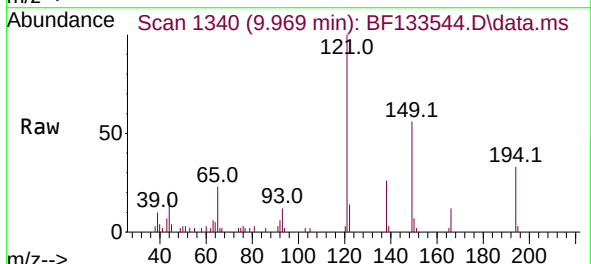
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

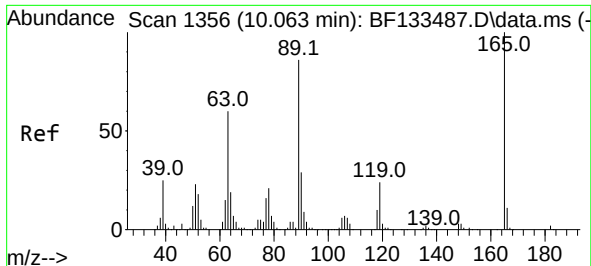
Tgt Ion:165 Resp: 33883
Ion Ratio Lower Upper
165 100
63 1.5 57.0 85.4#
89 1.2 50.8 76.2#



#53
3-Nitroaniline
Concen: 3.502 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.141 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion:138 Resp: 1563
Ion Ratio Lower Upper
138 100
108 0.0 11.9 17.9#
92 23.1 93.1 139.7#

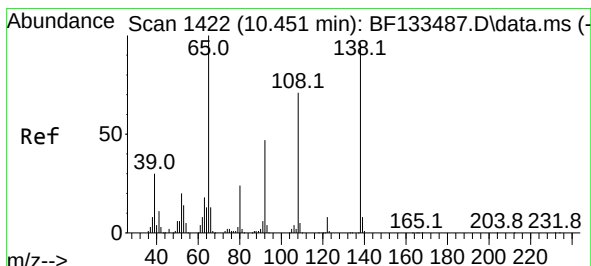
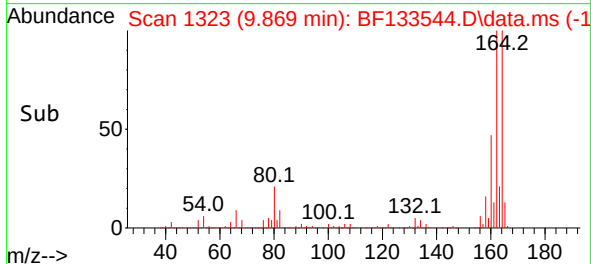
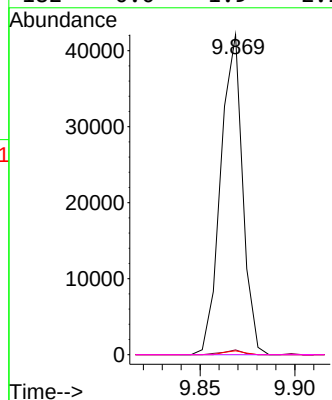
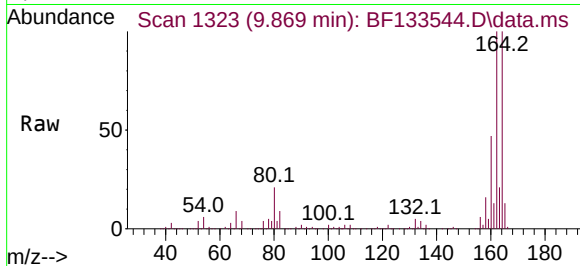




#57
2,4-Dinitrotoluene
Concen: 11.556 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

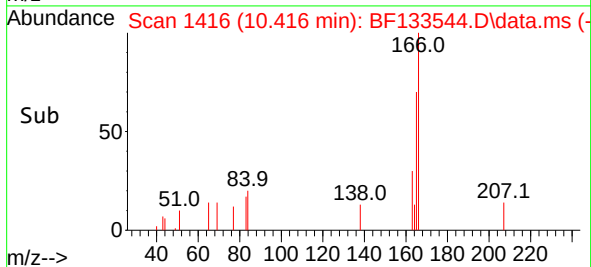
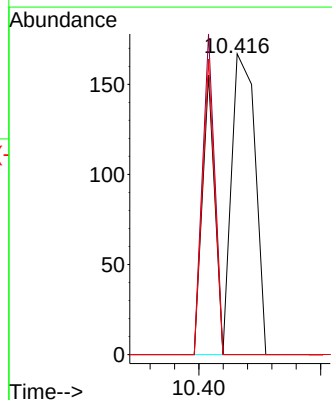
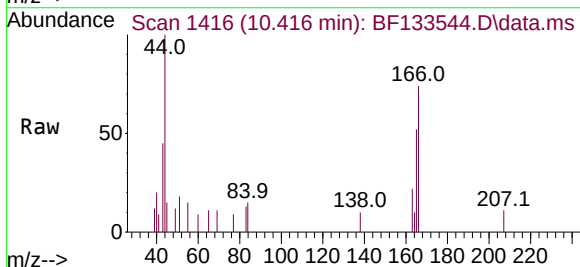
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

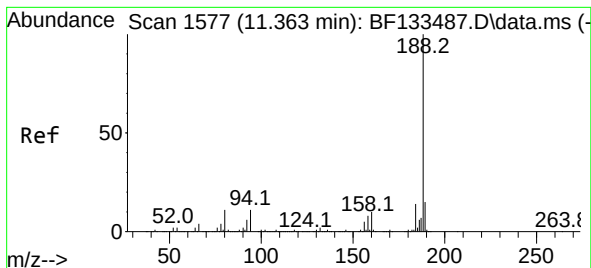
Tgt Ion:165 Resp: 33883
Ion Ratio Lower Upper
165 100
63 1.5 48.1 72.1#
89 1.2 68.4 102.6#
182 0.0 1.9 2.9#



#62
4-Nitroaniline
Concen: 3.019 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.024 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion:138 Resp: 167
Ion Ratio Lower Upper
138 100
92 0.0 28.4 68.4#
108 0.0 54.2 94.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

Instrument :

BNA_F

ClientSampleId :

TP-9-0A

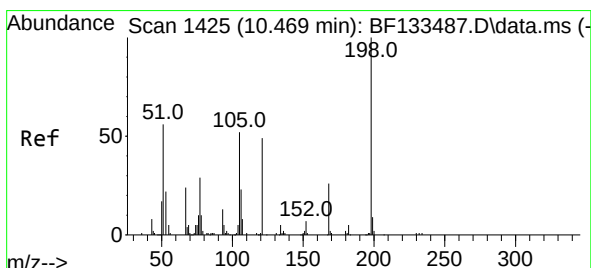
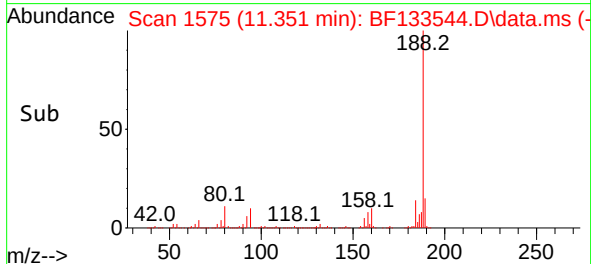
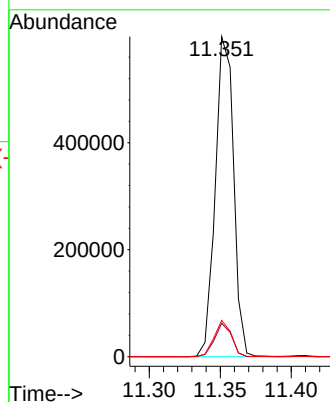
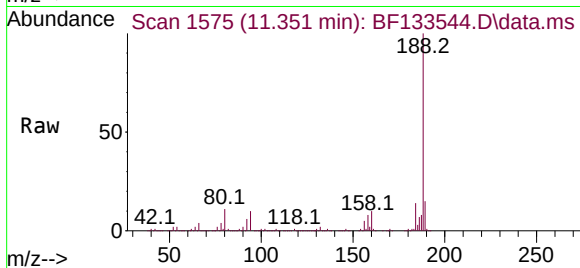
Tgt Ion:188 Resp: 535536

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

80 11.3 9.2 13.8



#65

4,6-Dinitro-2-methylphenol

Concen: 9.063 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.188 min

Lab File: BF133544.D

Acq: 31 May 2023 17:49

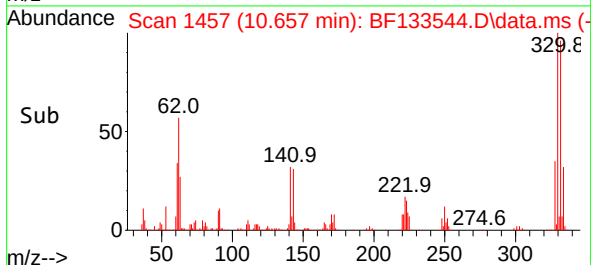
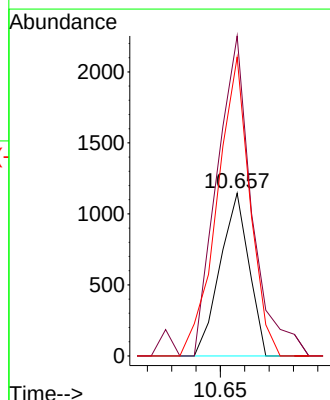
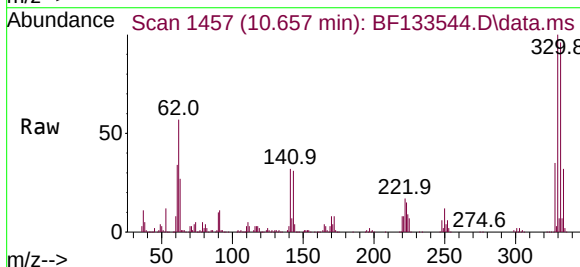
Tgt Ion:198 Resp: 941

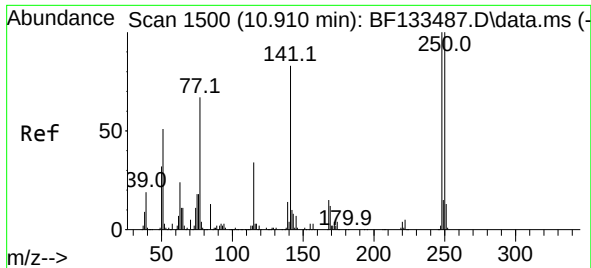
Ion Ratio Lower Upper

198 100

51 196.6 53.6 93.6#

105 183.6 35.9 75.9#

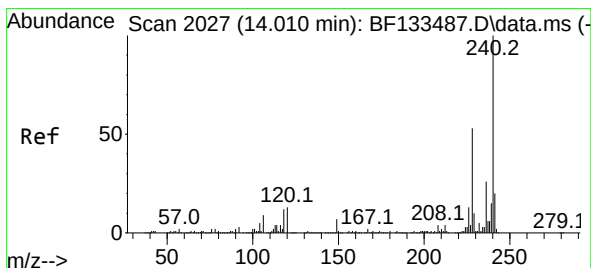
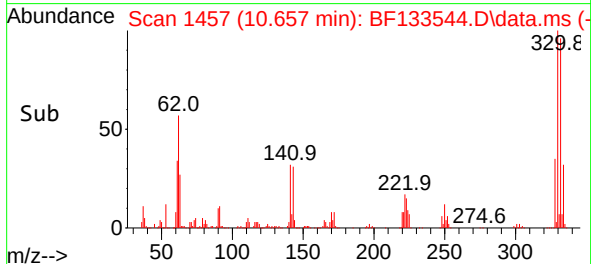
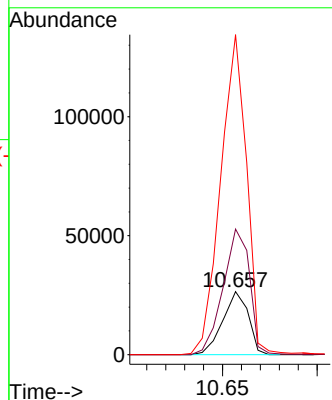
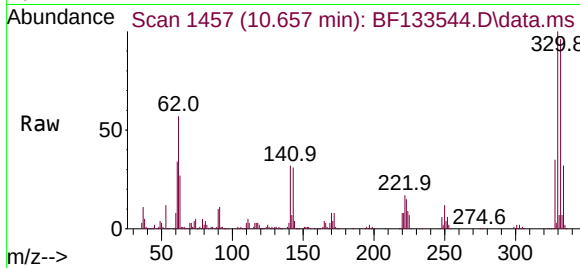




#67
4-Bromophenyl-phenylether
Concen: 4.379 ng
RT: 10.657 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

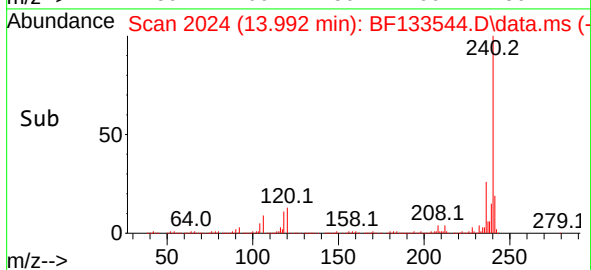
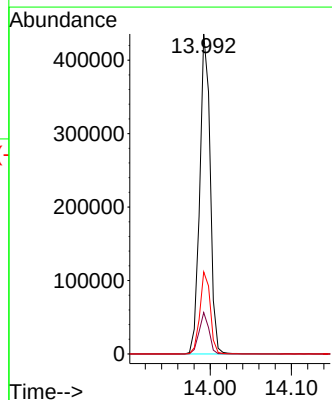
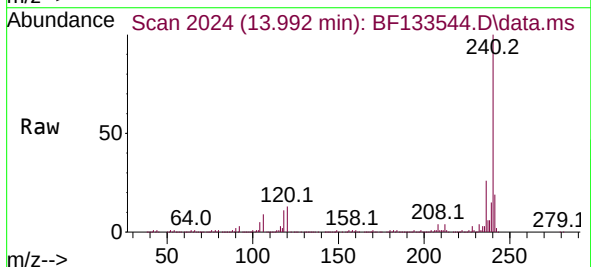
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

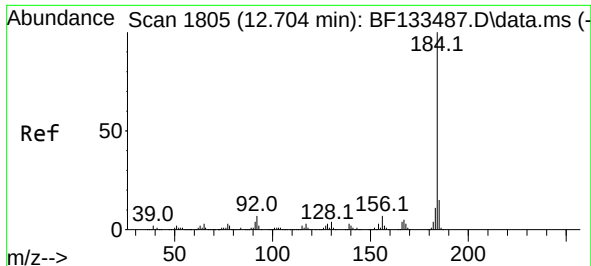
Tgt Ion:248 Resp: 24904
Ion Ratio Lower Upper
248 100
250 199.3 79.7 119.5#
141 507.5 66.6 100.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.012 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Tgt Ion:240 Resp: 389526
Ion Ratio Lower Upper
240 100
120 12.9 10.3 15.5
236 25.7 20.5 30.7

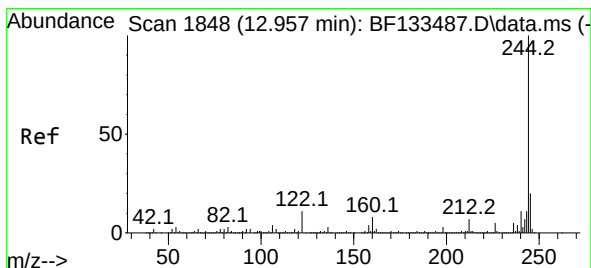
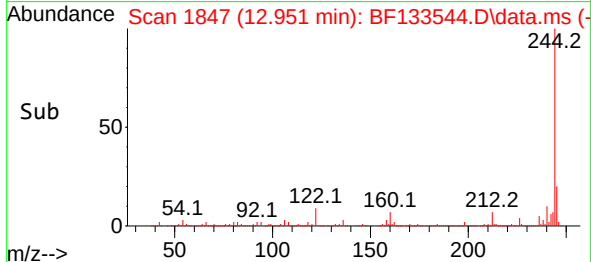
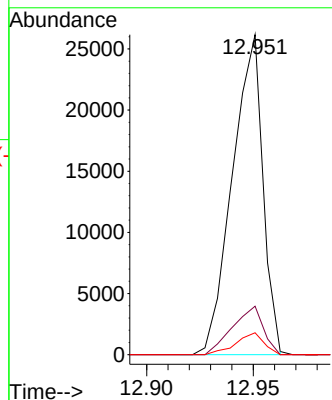
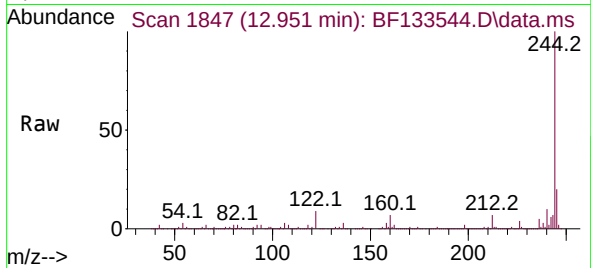




#77
Benzidine
Concen: 2.287 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

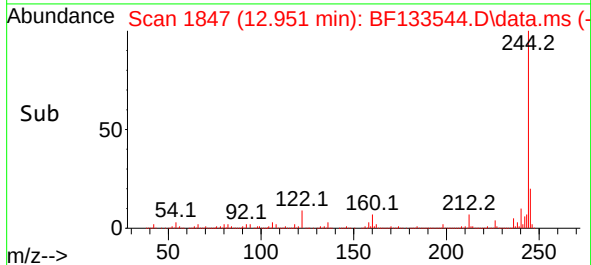
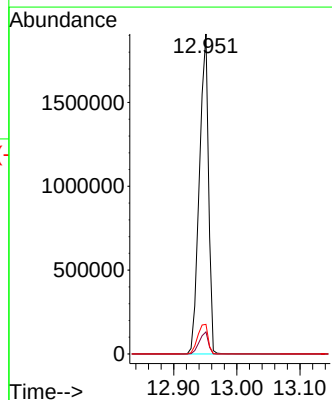
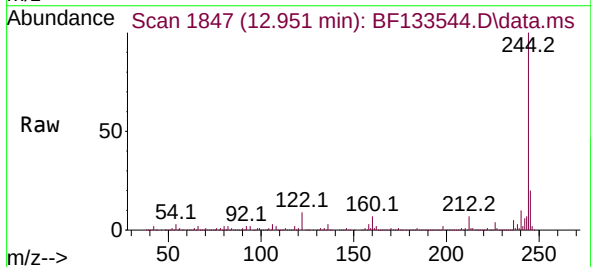
Instrument :
BNA_F
ClientSampleId :
TP-9-0A

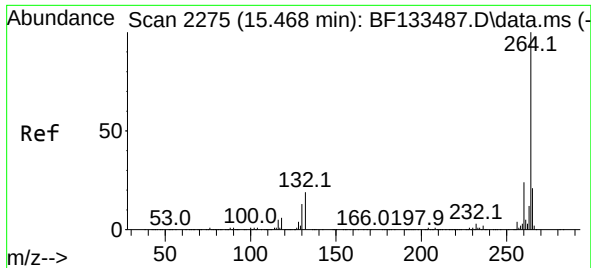
Tgt Ion:184 Resp: 26059
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 6.9 8.7 13.1#



#79
Terphenyl-d14
Concen: 87.220 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

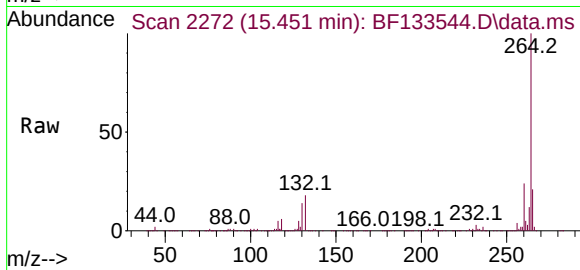
Tgt Ion:244 Resp: 1910831
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 9.2 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133544.D
Acq: 31 May 2023 17:49

Instrument :
BNA_F
ClientSampleId :
TP-9-0A



Tgt Ion:264 Resp: 316357
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.4 16.8 25.2

