

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133470.D
 Acq On : 24 May 2023 14:51
 Operator : CG\JU
 Sample : 02892-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-31

Quant Time: May 24 15:25:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 24 02:41:39 2023
 Response via : Initial Calibration

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

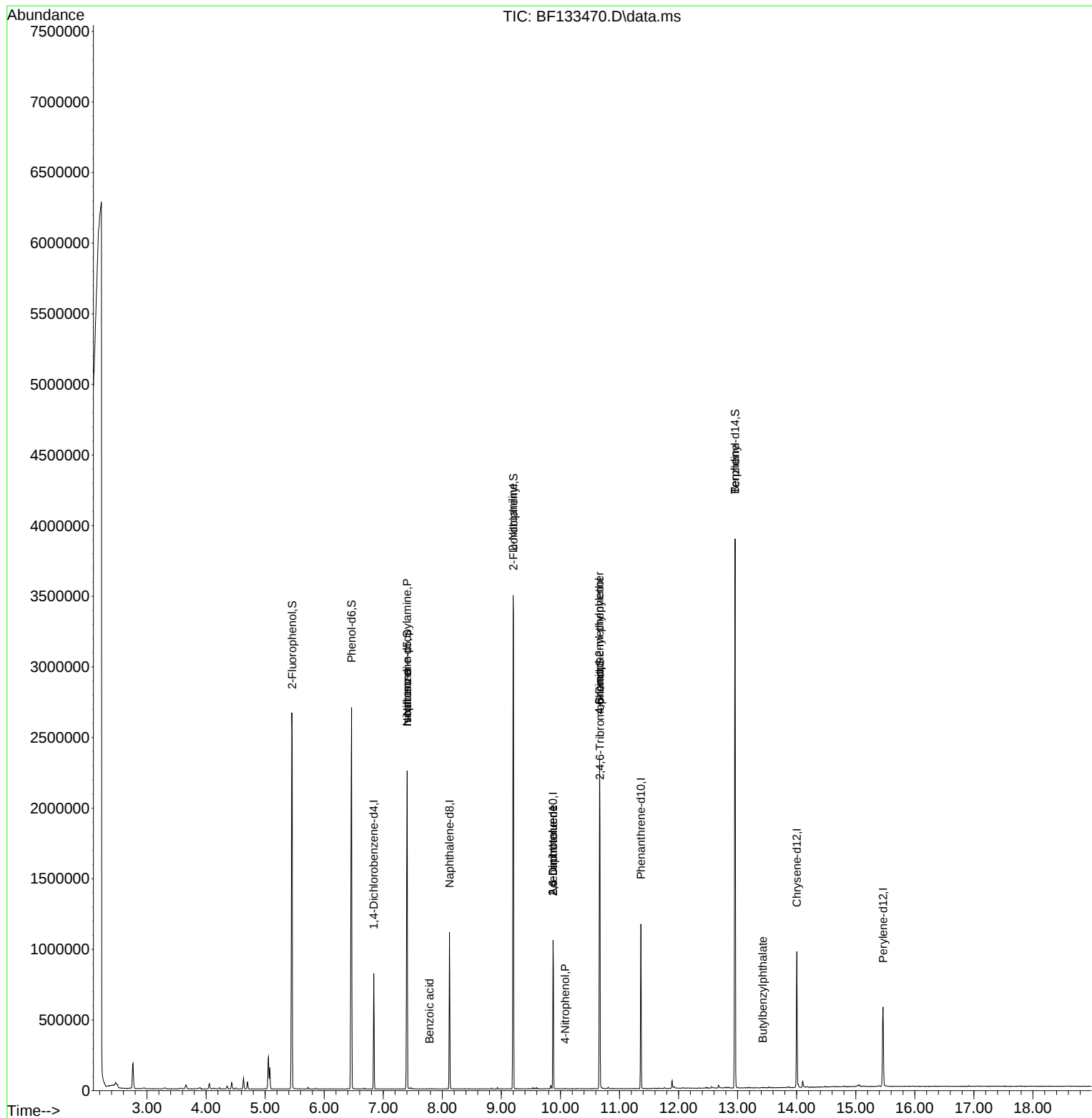
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	103864	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	400643	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	193135	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	381478	20.000	ng	0.00
76) Chrysene-d12	14.004	240	296716	20.000	ng	0.00
86) Perylene-d12	15.463	264	252352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	771990	121.498	ng	0.01
7) Phenol-d6	6.463	99	881857	115.452	ng	0.00
23) Nitrobenzene-d5	7.404	82	602990	104.053	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	265049	148.562	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1073032	78.167	ng	0.00
79) Terphenyl-d14	12.957	244	1329009	85.636	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	82725	17.305	ng	# 79
25) Isophorone	7.404	82	602983	44.219	ng	# 66
32) Benzoic acid	7.787	122	559	6.480	ng	91
48) 2-Nitroaniline	9.198	65	1950	5.990	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	24956	13.492	ng	# 15
56) 4-Nitrophenol	10.081	139	74	5.308	ng	# 2
57) 2,4-Dinitrotoluene	9.875	165	24956	12.779	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.663	198	578	8.617	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	16989	4.247	ng	# 1
77) Benzidine	12.957	184	18573	2.627	ng	# 92
80) Butylbenzylphthalate	13.427	149	1217	3.495	ng	# 82

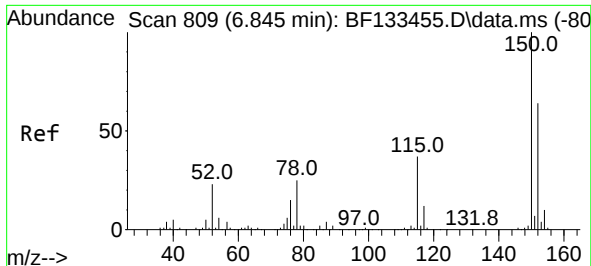
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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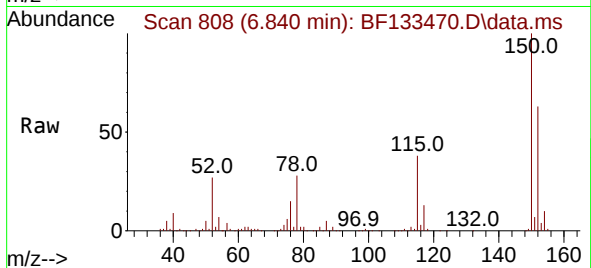
Quant Time: May 24 15:25:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
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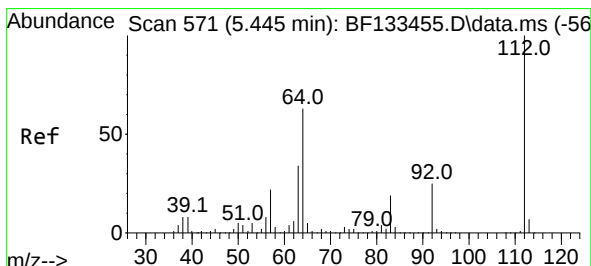
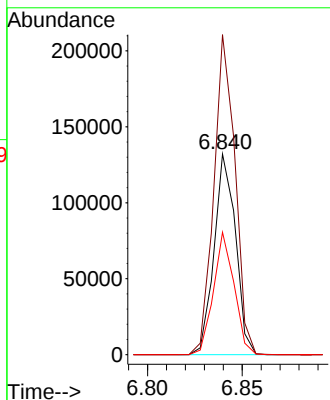
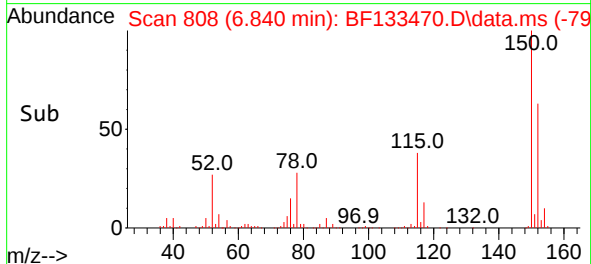


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Instrument :
BNA_F
ClientSampleId :
TP-31

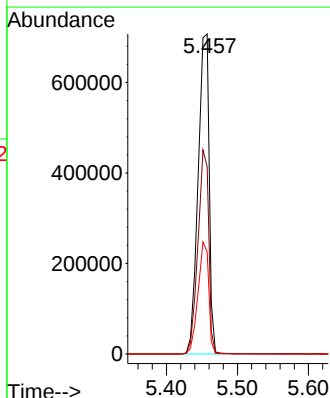
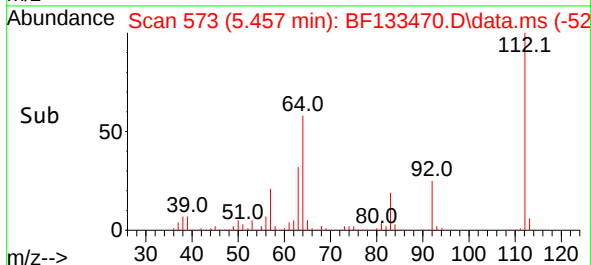
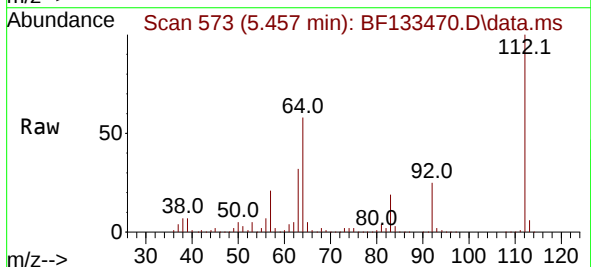


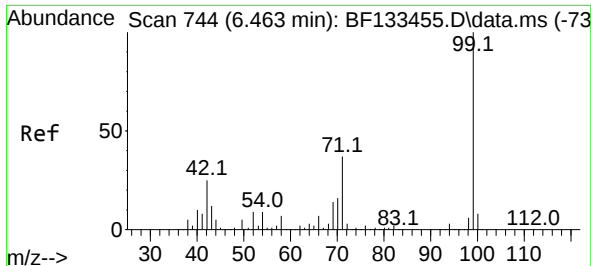
Tgt Ion:152 Resp: 103864
Ion Ratio Lower Upper
152 100
150 159.5 125.6 188.4
115 61.0 47.0 70.4



#5
2-Fluorophenol
Concen: 121.498 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:112 Resp: 771990
Ion Ratio Lower Upper
112 100
64 58.5 50.2 75.4
63 31.9 27.2 40.8

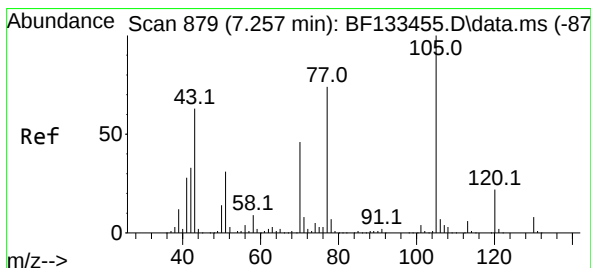
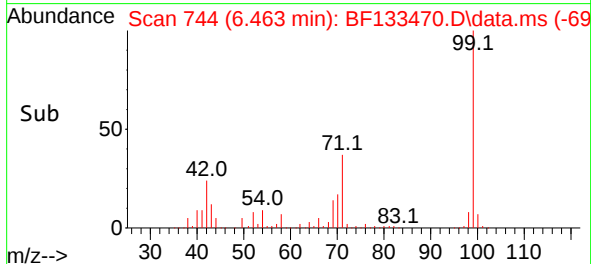
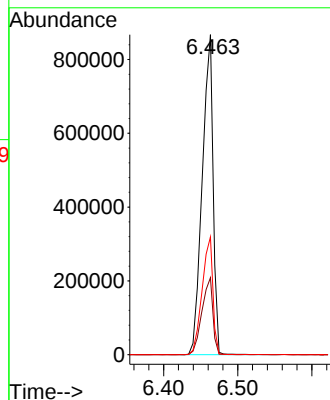
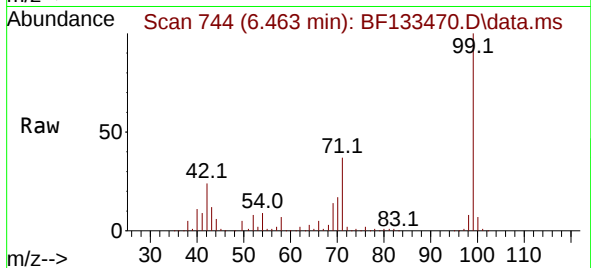




#7
Phenol-d6
Concen: 115.452 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

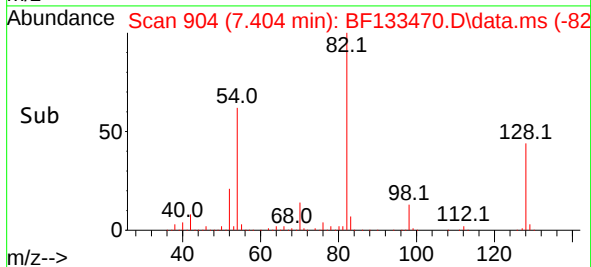
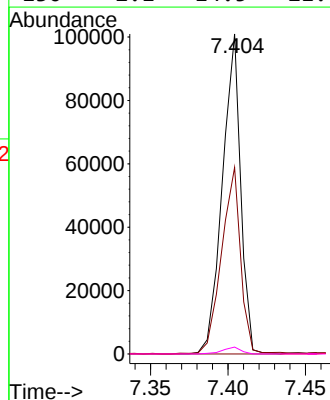
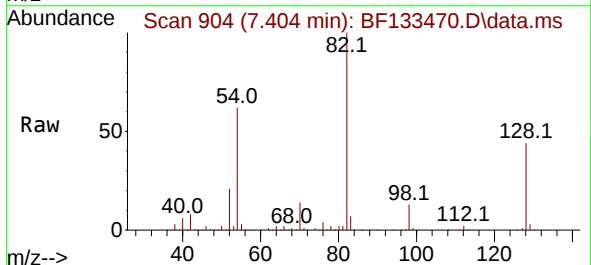
Instrument :
BNA_F
ClientSampleId :
TP-31

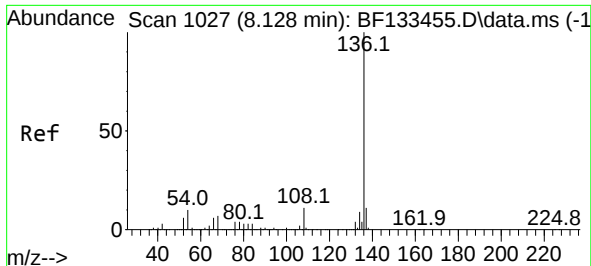
Tgt Ion: 99 Resp: 881857
Ion Ratio Lower Upper
99 100
42 24.1 19.6 29.4
71 36.8 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.305 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion: 70 Resp: 82725
Ion Ratio Lower Upper
70 100
42 58.3 57.7 86.5
101 0.0 7.6 11.4#
130 2.1 14.5 21.7#



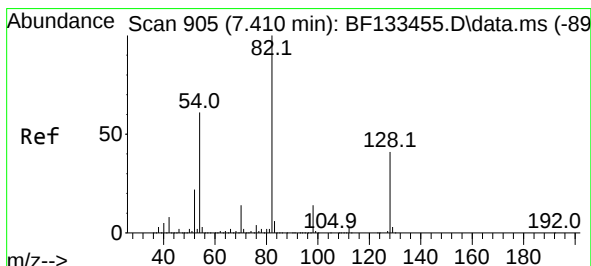
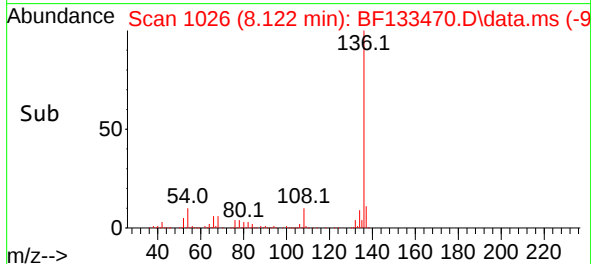
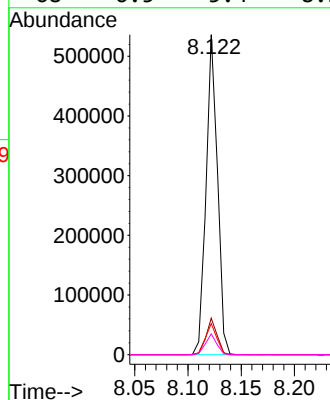
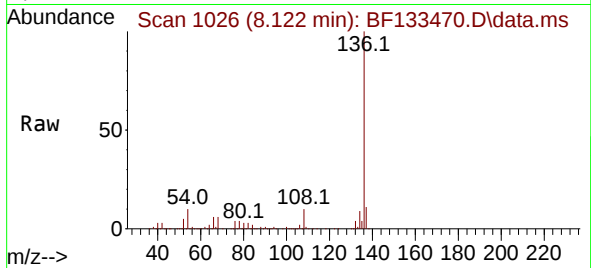


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Instrument :
BNA_F
ClientSampleId :
TP-31

Tgt Ion:136 Resp: 400643

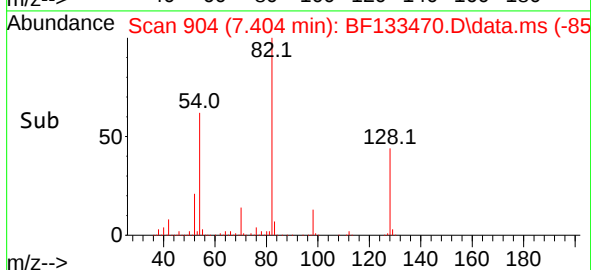
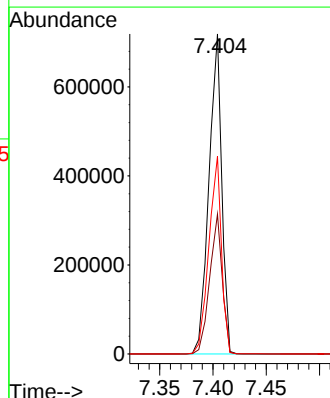
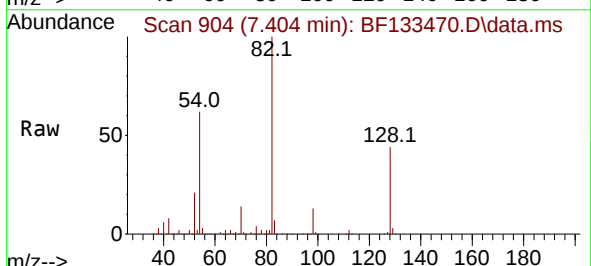
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.7	8.0	12.0
68	6.5	5.4	8.2

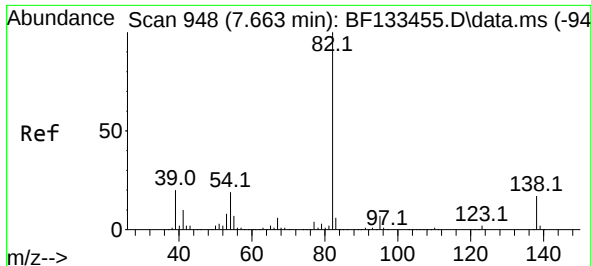


#23
Nitrobenzene-d5
Concen: 104.053 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion: 82 Resp: 602990

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.0	49.6
54	61.7	48.5	72.7

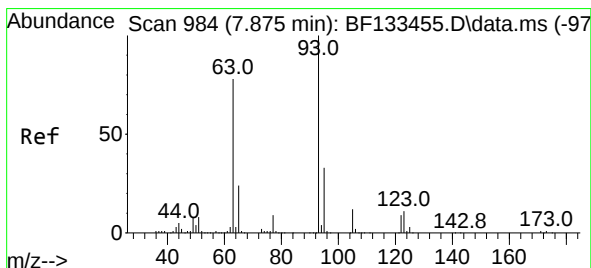
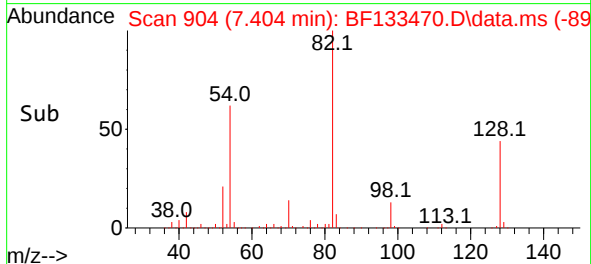
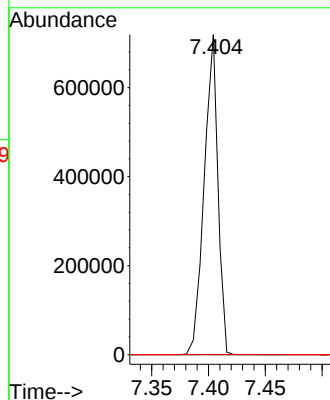
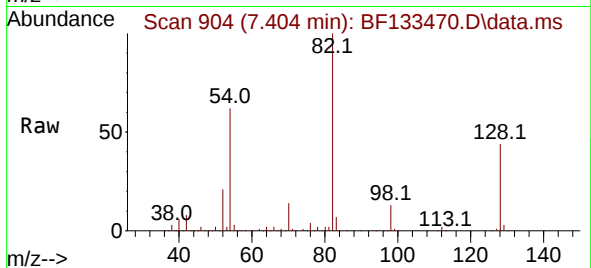




#25
Isophorone
Concen: 44.219 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

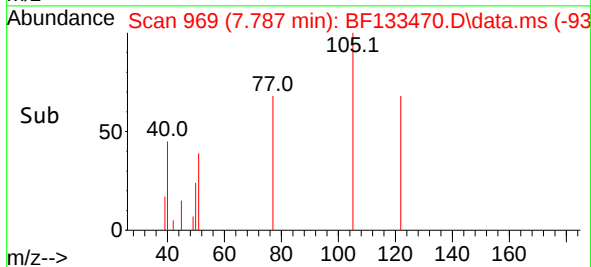
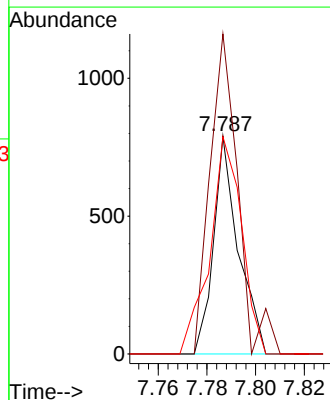
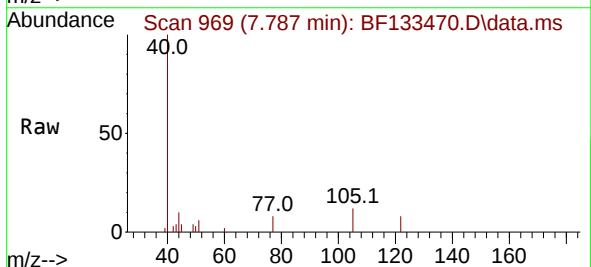
Instrument :
BNA_F
ClientSampleId :
TP-31

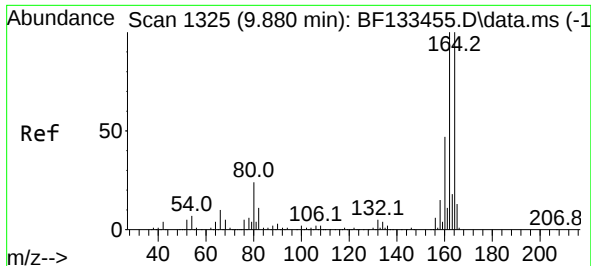
Tgt Ion: 82 Resp: 602983
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#32
Benzoic acid
Concen: 6.480 ng
RT: 7.787 min Scan# 969
Delta R.T. -0.088 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:122 Resp: 559
Ion Ratio Lower Upper
122 100
105 147.0 111.2 151.2
77 99.7 82.0 122.0

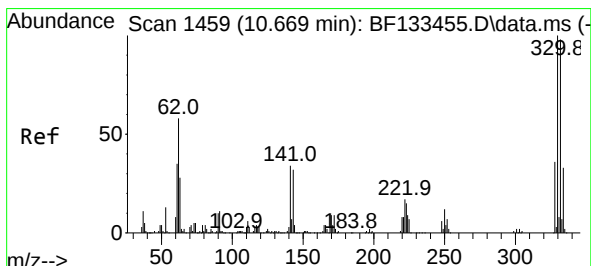
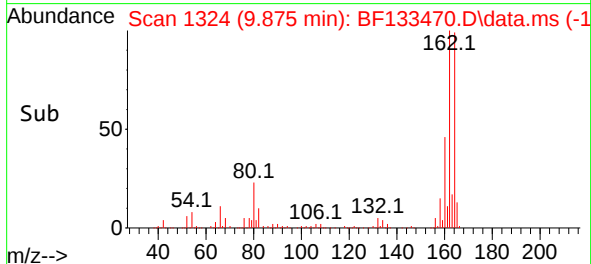
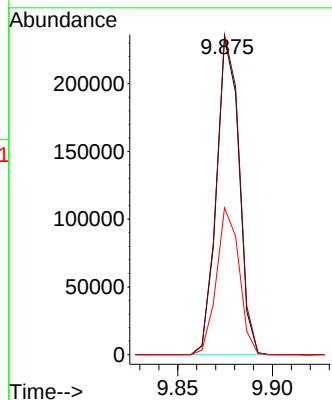
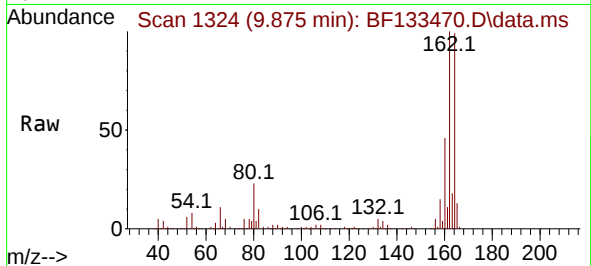




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

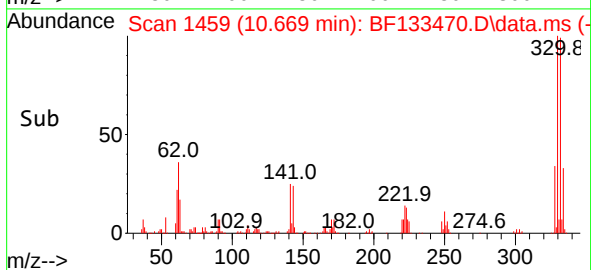
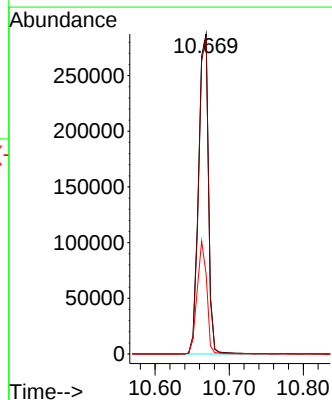
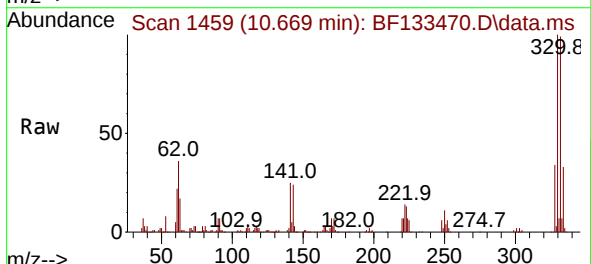
Instrument :
BNA_F
ClientSampleId :
TP-31

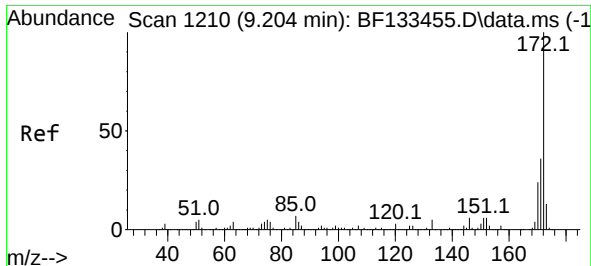
Tgt Ion:164 Resp: 193135
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.6
160 46.3 37.4 56.0



#42
2,4,6-Tribromophenol
Concen: 148.562 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:330 Resp: 265049
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 34.1 28.5 42.7





#45

2-Fluorobiphenyl

Concen: 78.167 ng

RT: 9.204 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

Instrument :

BNA_F

ClientSampleId :

TP-31

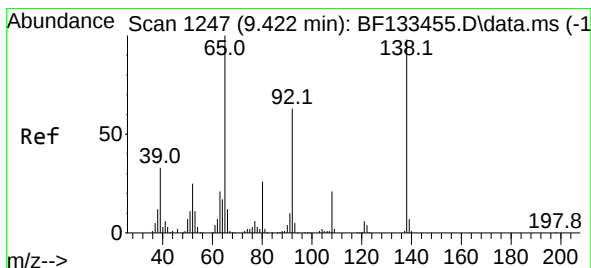
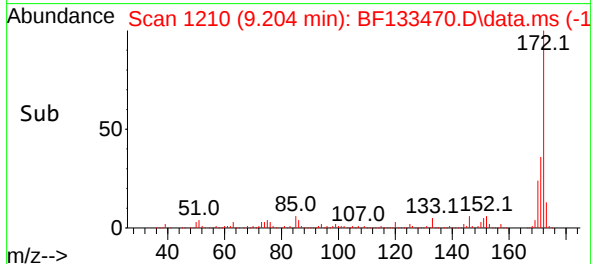
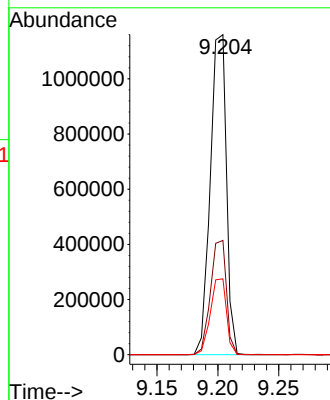
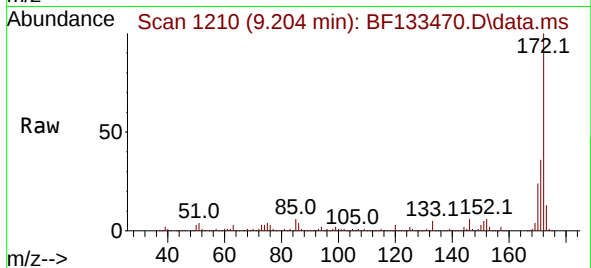
Tgt Ion:172 Resp: 1073032

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.7 19.0 28.4



#48

2-Nitroaniline

Concen: 5.990 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.224 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

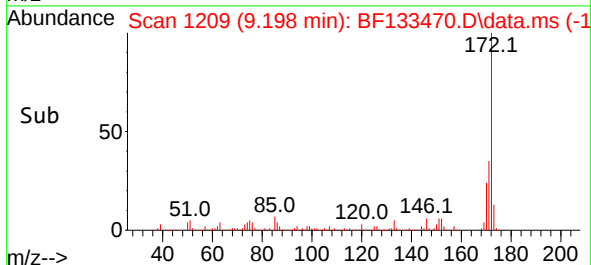
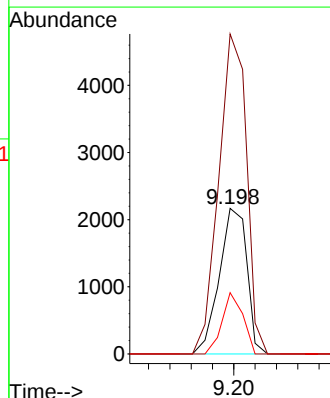
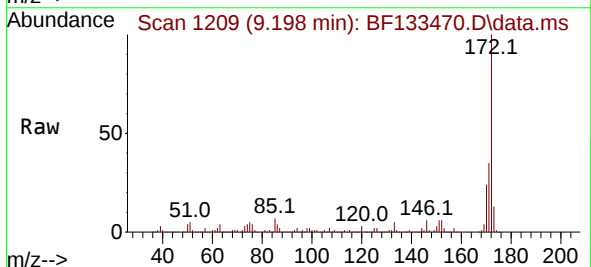
Tgt Ion: 65 Resp: 1950

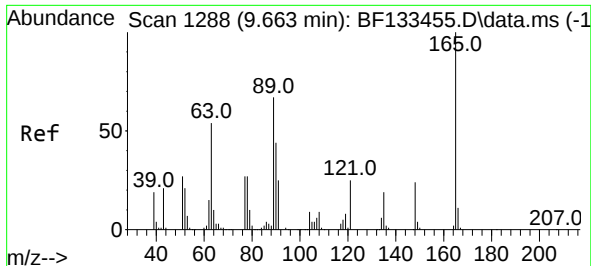
Ion Ratio Lower Upper

65 100

92 219.8 50.1 75.1#

138 42.1 78.6 118.0#

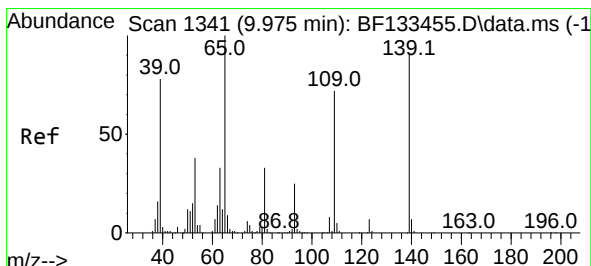
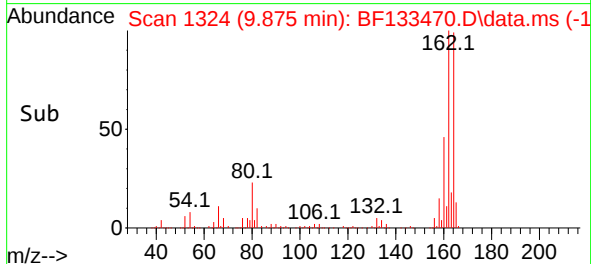
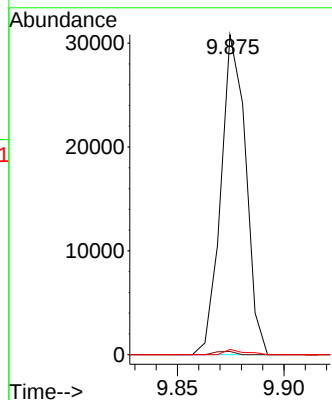
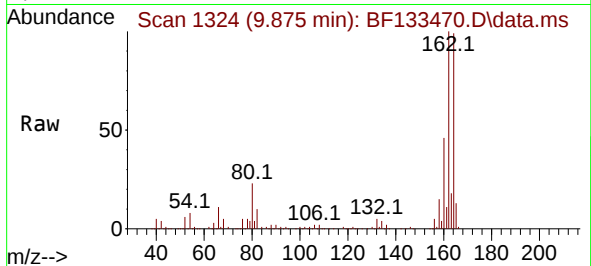




#51
2,6-Dinitrotoluene
Concen: 13.492 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

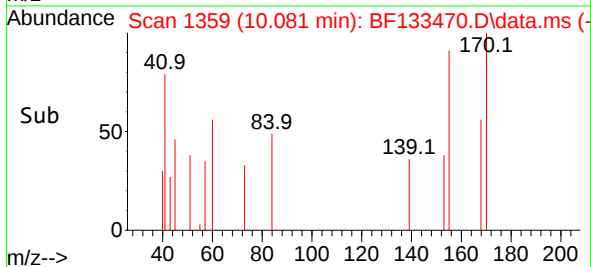
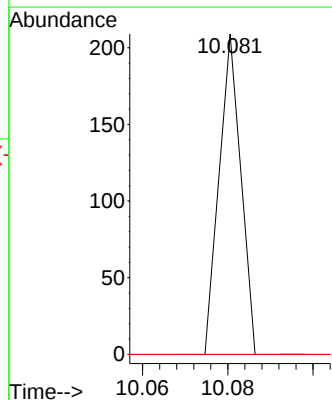
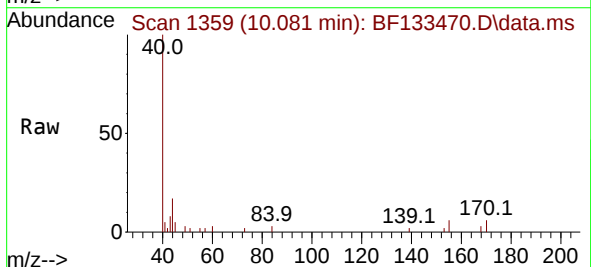
Instrument :
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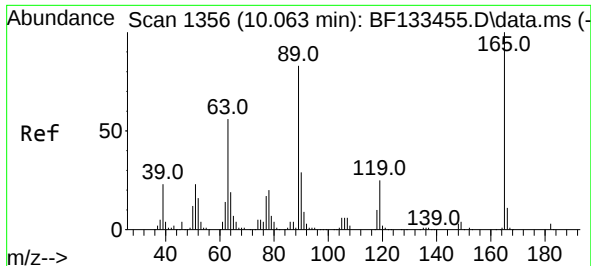
Tgt Ion:165 Resp: 24956
Ion Ratio Lower Upper
165 100
63 1.0 61.0 91.4#
89 1.6 53.5 80.3#



#56
4-Nitrophenol
Concen: 5.308 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.106 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

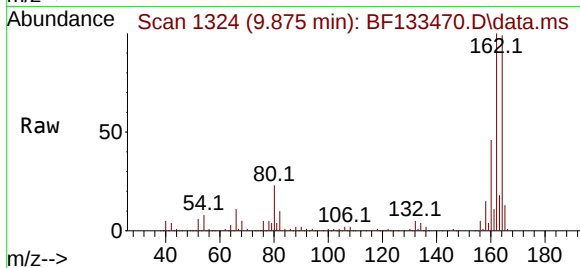
Tgt Ion:139 Resp: 74
Ion Ratio Lower Upper
139 100
109 0.0 59.5 99.5#
65 0.0 90.1 130.1#



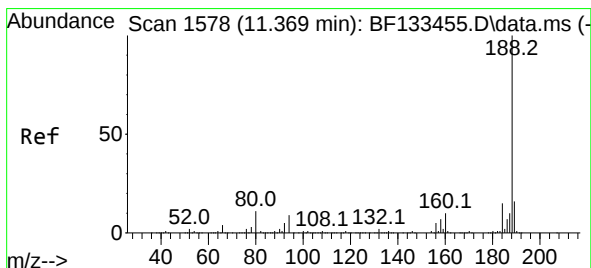
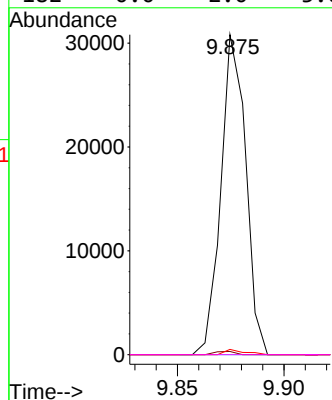
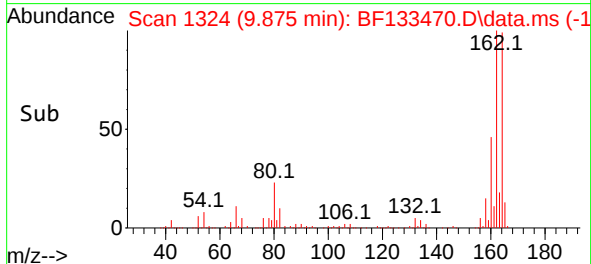


#57
2,4-Dinitrotoluene
Concen: 12.779 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Instrument :
BNA_F
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TP-31

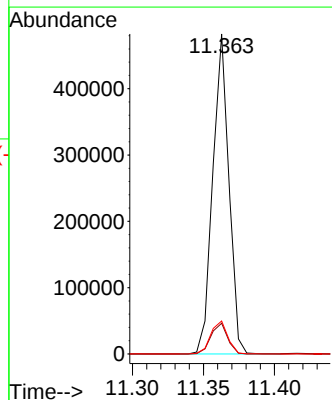
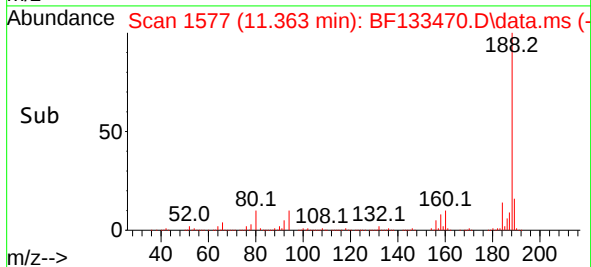
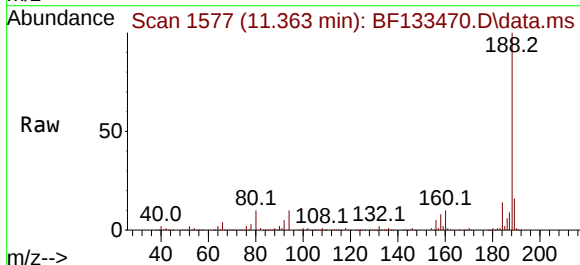


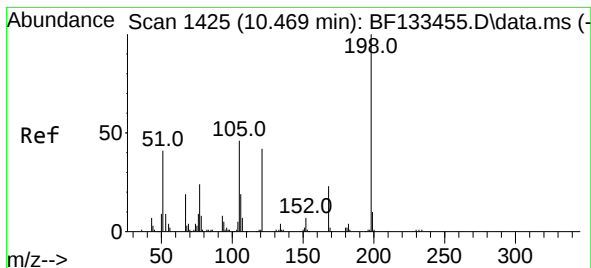
Tgt Ion:165 Resp: 24956
Ion Ratio Lower Upper
165 100
63 1.0 45.1 67.7#
89 1.6 66.7 100.1#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:188 Resp: 381478
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 10.3 8.7 13.1

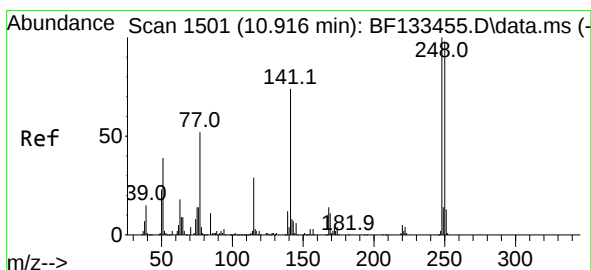
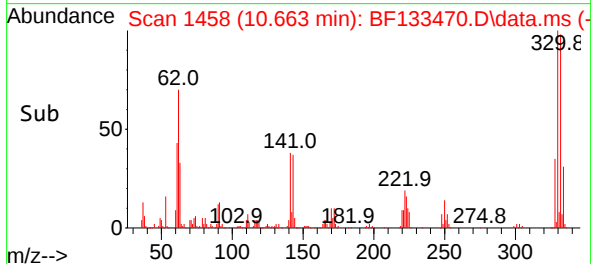
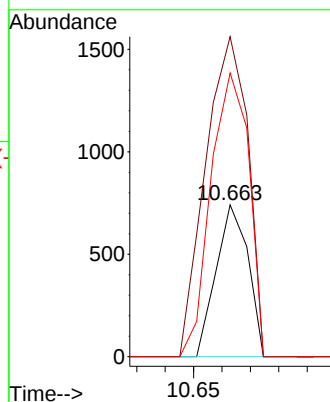
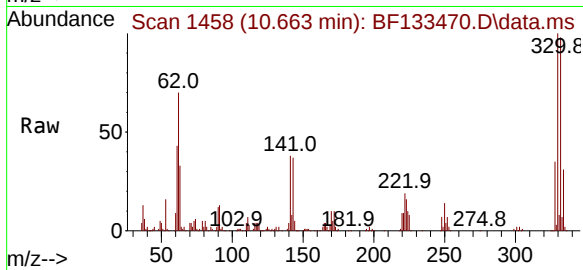




#65
4,6-Dinitro-2-methylphenol
Concen: 8.617 ng
RT: 10.663 min Scan# 1425
Delta R.T. 0.194 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

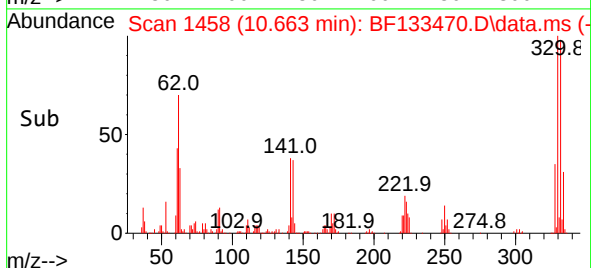
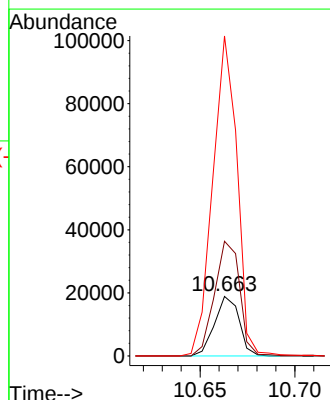
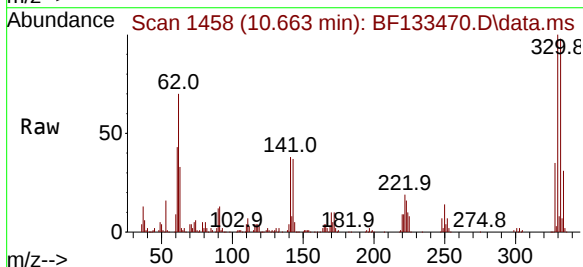
Instrument :
BNA_F
ClientSampleId :
TP-31

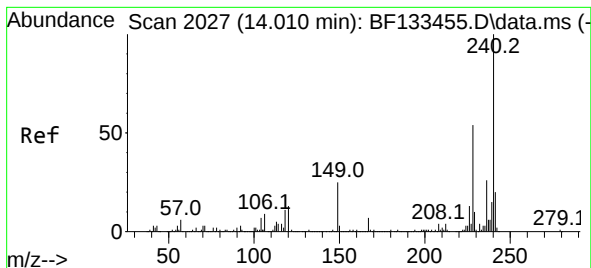
Tgt Ion:198 Resp: 578
Ion Ratio Lower Upper
198 100
51 210.8 38.5 78.5#
105 186.9 29.6 69.6#



#67
4-Bromophenyl-phenylether
Concen: 4.247 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Tgt Ion:248 Resp: 16989
Ion Ratio Lower Upper
248 100
250 192.5 78.3 117.5#
141 537.2 59.1 88.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

Instrument :

BNA_F

ClientSampleId :

TP-31

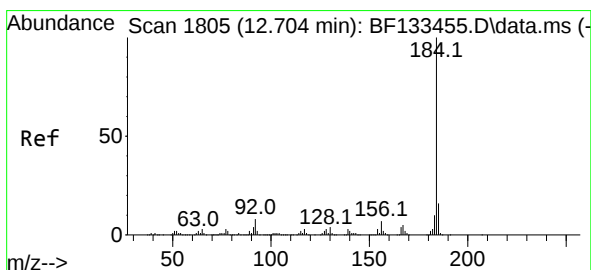
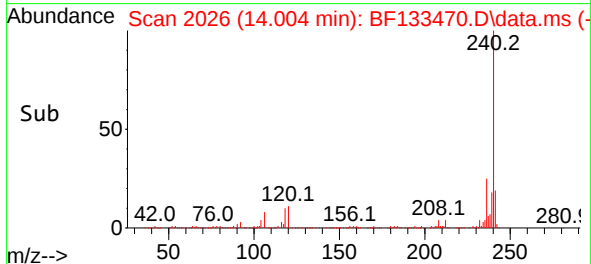
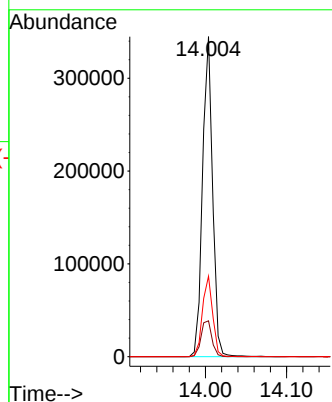
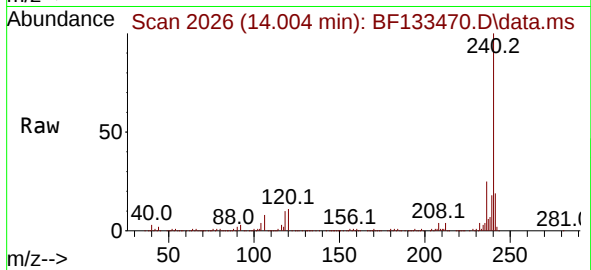
Tgt Ion:240 Resp: 296716

Ion Ratio Lower Upper

240 100

120 11.2 10.2 15.4

236 25.2 20.9 31.3



#77

Benzidine

Concen: 2.627 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.253 min

Lab File: BF133470.D

Acq: 24 May 2023 14:51

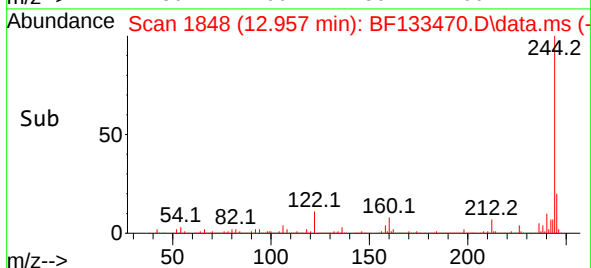
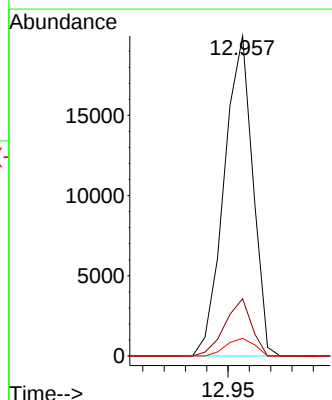
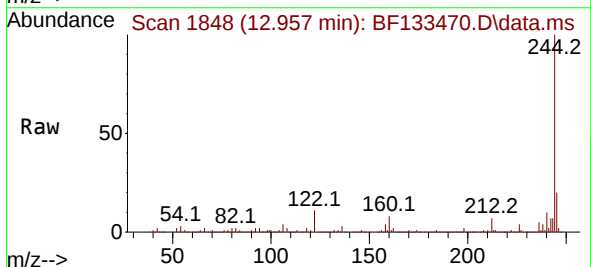
Tgt Ion:184 Resp: 18573

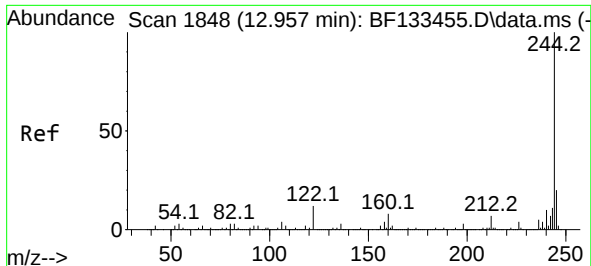
Ion Ratio Lower Upper

184 100

185 17.9 12.6 19.0

183 5.5 8.2 12.2#

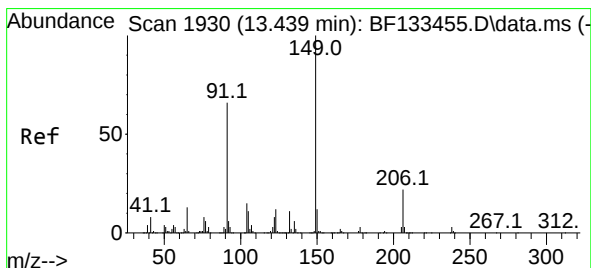
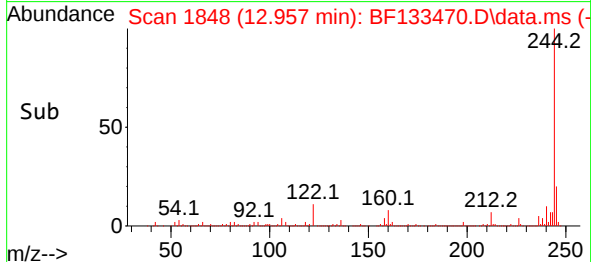
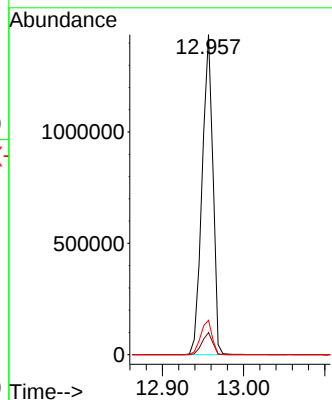
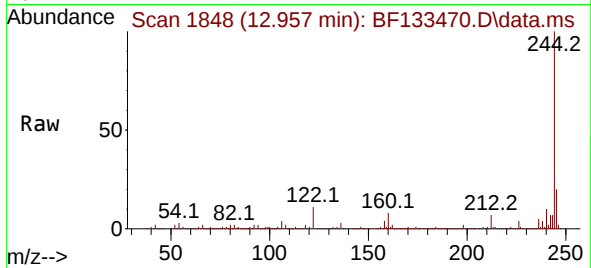




#79
 Terphenyl-d14
 Concen: 85.636 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133470.D
 Acq: 24 May 2023 14:51

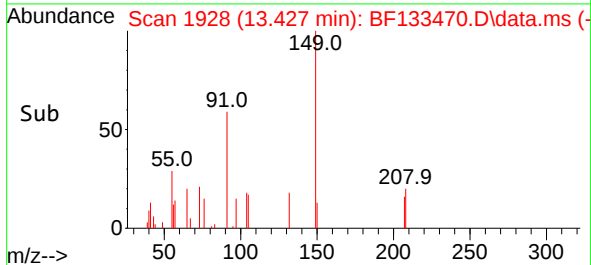
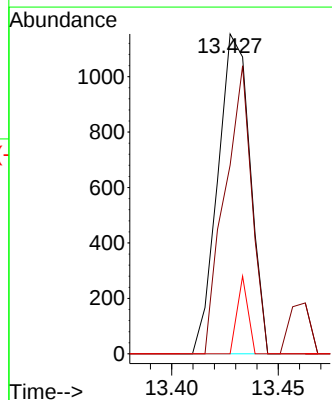
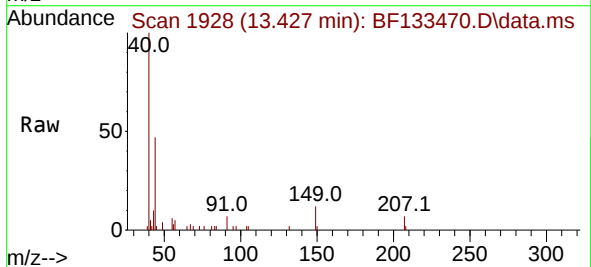
Instrument :
 BNA_F
 ClientSampleId :
 TP-31

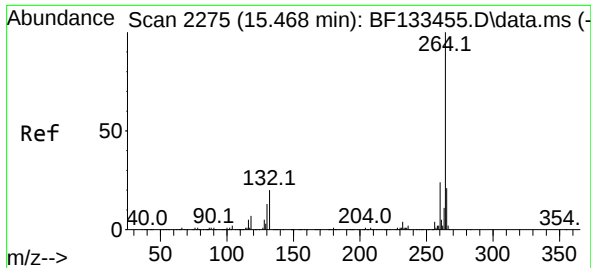
Tgt Ion:244 Resp: 1329009
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.7 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 3.495 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.012 min
 Lab File: BF133470.D
 Acq: 24 May 2023 14:51

Tgt Ion:149 Resp: 1217
 Ion Ratio Lower Upper
 149 100
 91 59.0 53.1 79.7
 206 0.0 17.4 26.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133470.D
Acq: 24 May 2023 14:51

Instrument :
BNA_F
ClientSampleId :
TP-31

Tgt Ion:264 Resp: 252352
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.3 17.0 25.4

