

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
 Data File : BF133473.D
 Acq On : 24 May 2023 16:26
 Operator : CG\JU
 Sample : 02892-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-29

Quant Time: May 24 17:09:41 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)

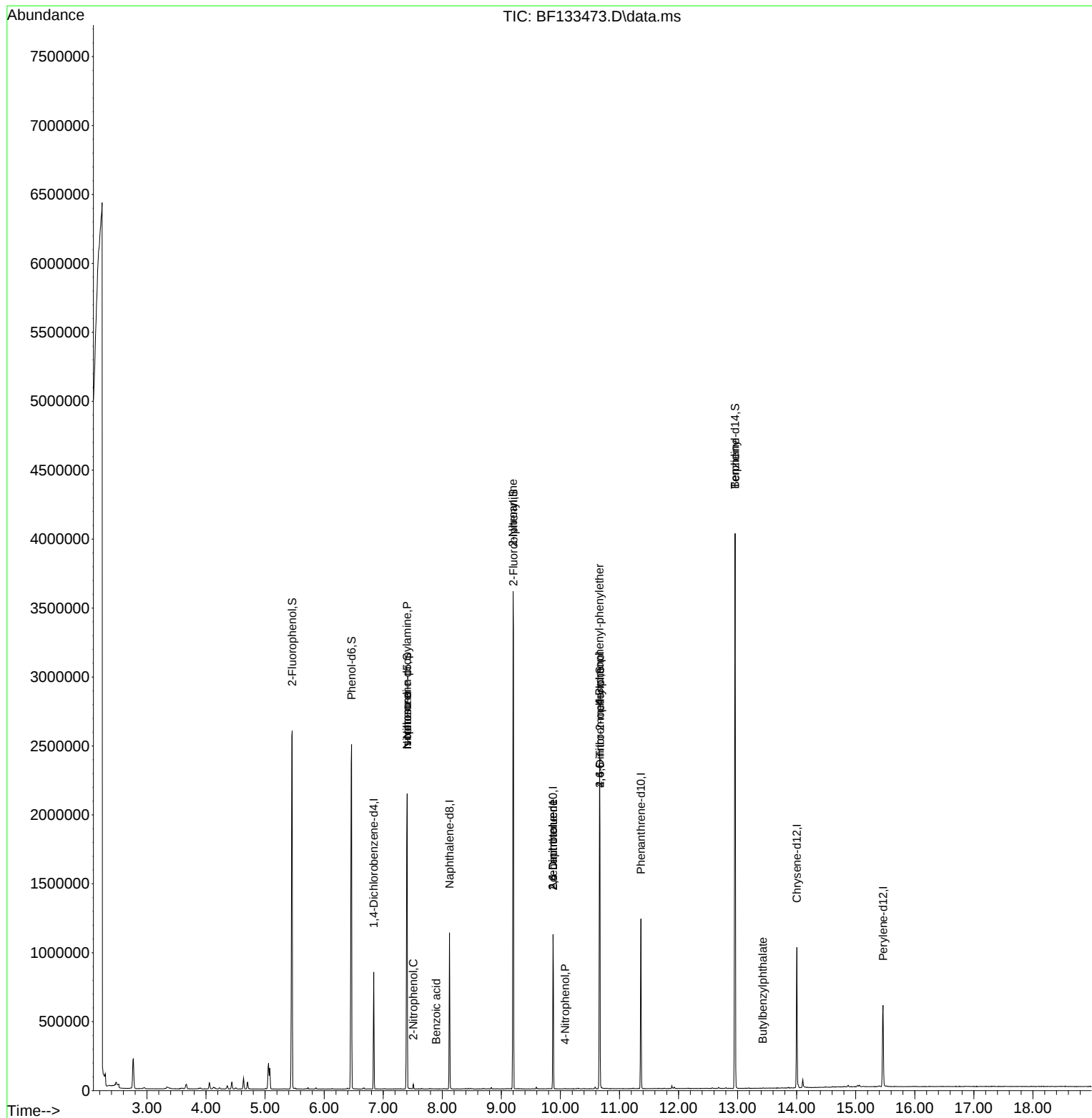
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	105837	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	405343	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	202209	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	408617	20.000	ng	0.00
76) Chrysene-d12	14.004	240	310969	20.000	ng	0.00
86) Perylene-d12	15.463	264	253388	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	764569	118.087	ng	0.01
7) Phenol-d6	6.463	99	858185	110.258	ng	0.00
23) Nitrobenzene-d5	7.404	82	608169	103.730	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	276942	148.262	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1097197	76.340	ng	0.00
79) Terphenyl-d14	12.957	244	1442156	88.667	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	84004	17.245	ng	# 80
25) Isophorone	7.404	82	608162	44.082	ng	# 66
26) 2-Nitrophenol	7.510	139	314	6.842	ng	# 36
32) Benzoic acid	7.898	122	97	6.300	ng	# 1
48) 2-Nitroaniline	9.198	65	1933	5.964	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	25359	13.224	ng	# 15
56) 4-Nitrophenol	10.081	139	158	5.336	ng	# 2
57) 2,4-Dinitrotoluene	9.875	165	25359	12.562	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.669	198	649	8.640	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	17302	4.038	ng	# 1
77) Benzidine	12.957	184	20643	2.786	ng	# 94
80) Butylbenzylphthalate	13.427	149	917	3.460	ng	89

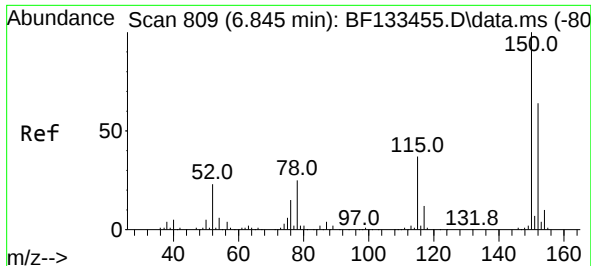
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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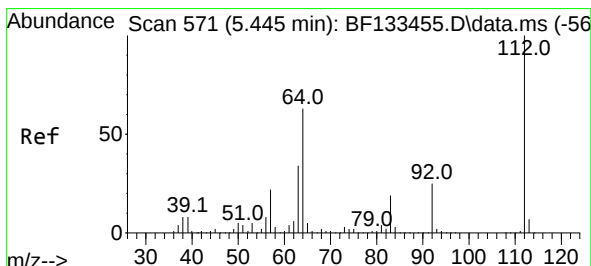
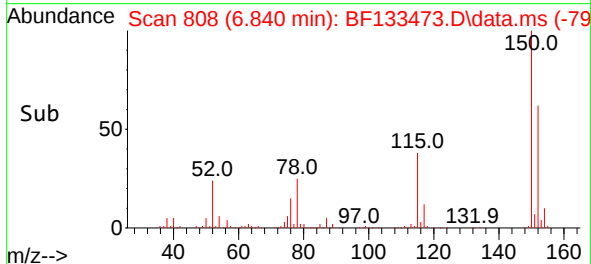
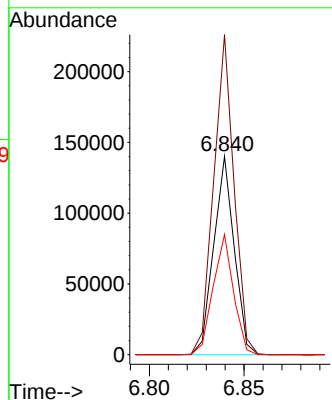
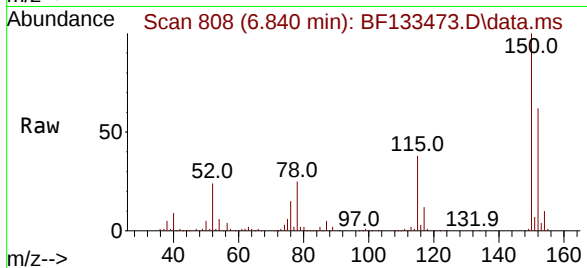




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

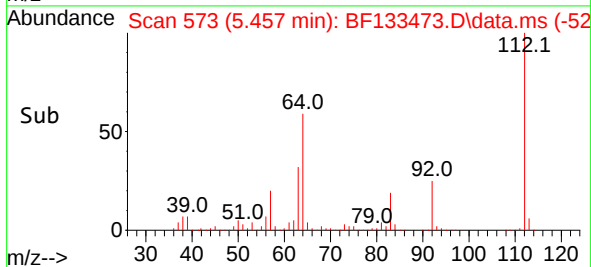
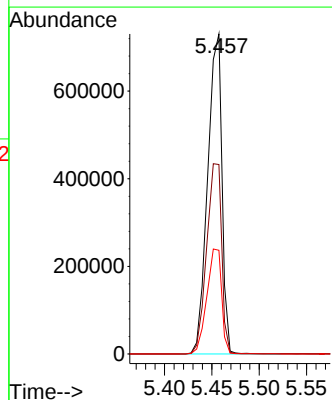
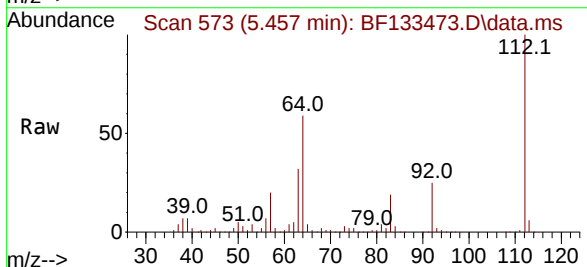
Instrument :
BNA_F
ClientSampleId :
TP-29

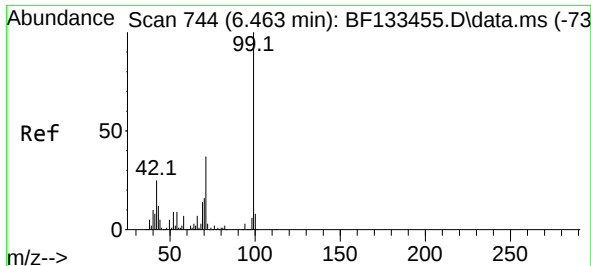
Tgt Ion:152 Resp: 105837
Ion Ratio Lower Upper
152 100
150 161.3 125.6 188.4
115 60.5 47.0 70.4



#5
2-Fluorophenol
Concen: 118.087 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:112 Resp: 764569
Ion Ratio Lower Upper
112 100
64 59.2 50.2 75.4
63 32.4 27.2 40.8

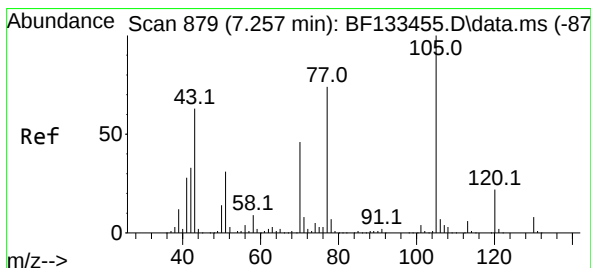
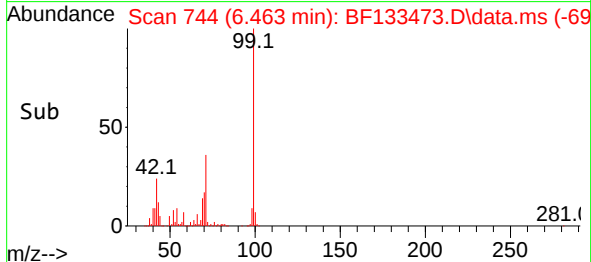
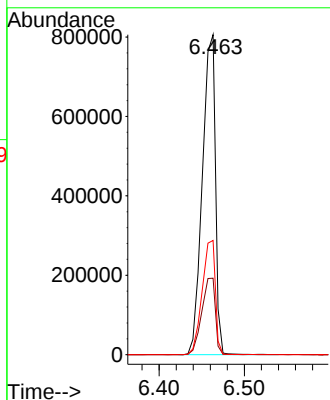
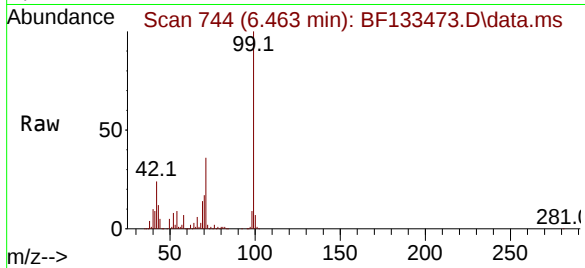




#7
Phenol-d6
Concen: 110.258 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

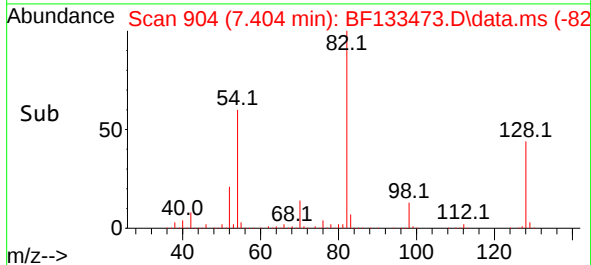
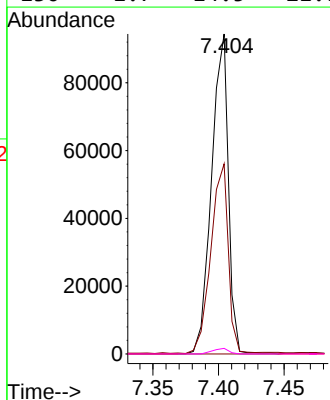
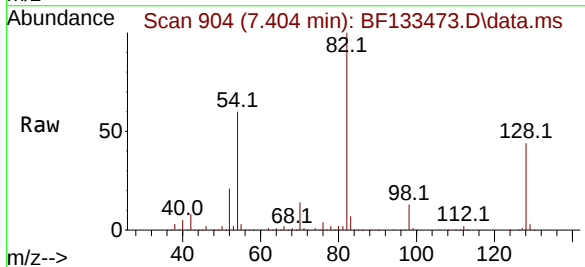
Instrument :
BNA_F
ClientSampleId :
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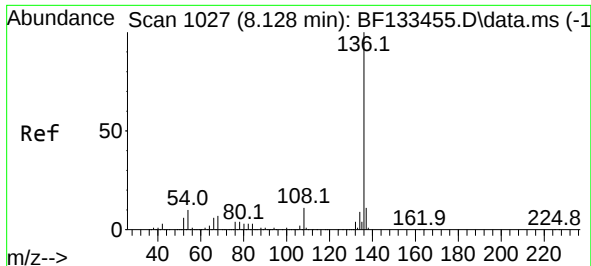
Tgt Ion: 99 Resp: 858185
Ion Ratio Lower Upper
99 100
42 23.9 19.6 29.4
71 35.7 29.5 44.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.245 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion: 70 Resp: 84004
Ion Ratio Lower Upper
70 100
42 59.4 57.7 86.5
101 0.0 7.6 11.4#
130 1.7 14.5 21.7#



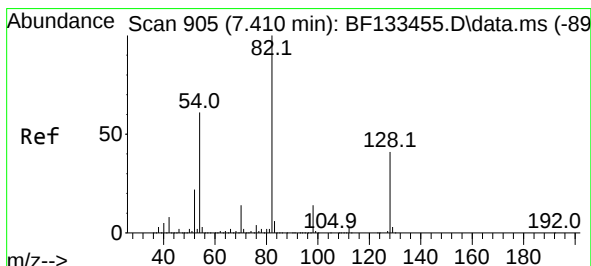
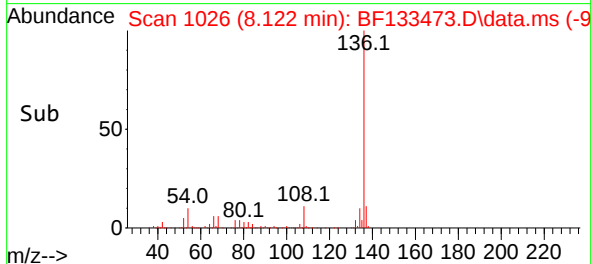
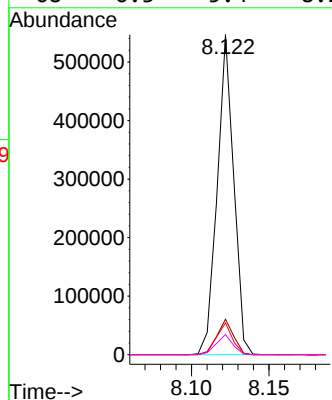
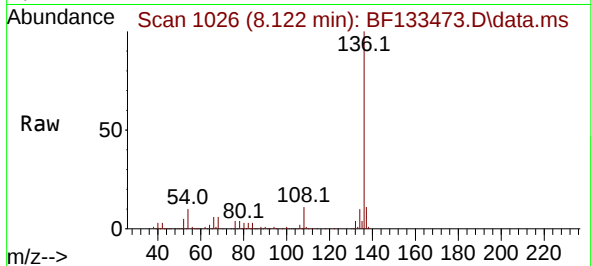


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Instrument :
BNA_F
ClientSampleId :
TP-29

Tgt Ion:136 Resp: 405343

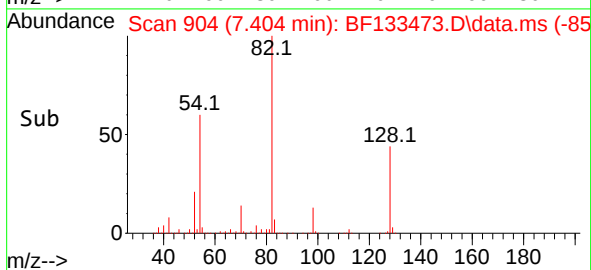
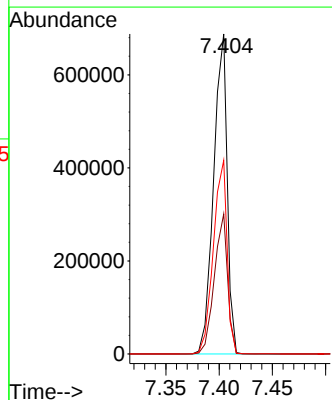
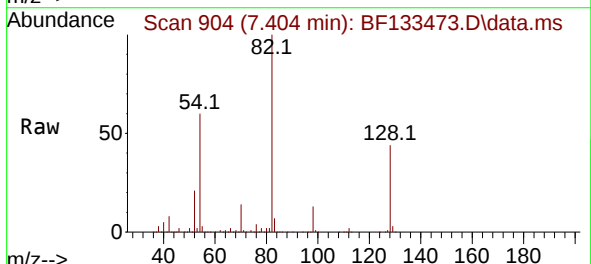
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.0	8.0	12.0
68	6.3	5.4	8.2

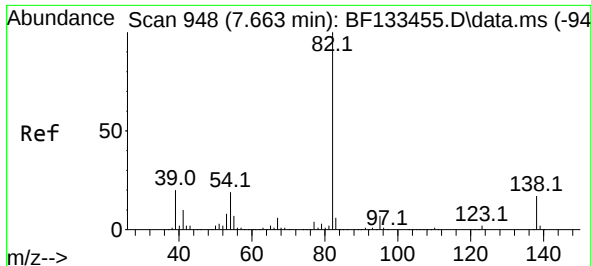


#23
Nitrobenzene-d5
Concen: 103.730 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion: 82 Resp: 608169

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.0	49.6
54	60.5	48.5	72.7

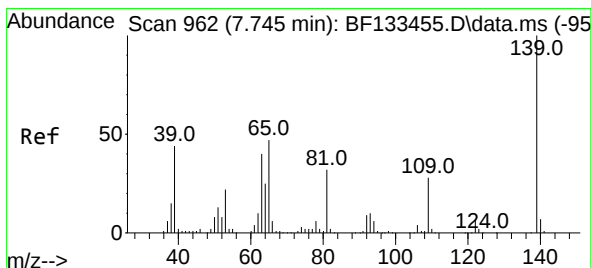
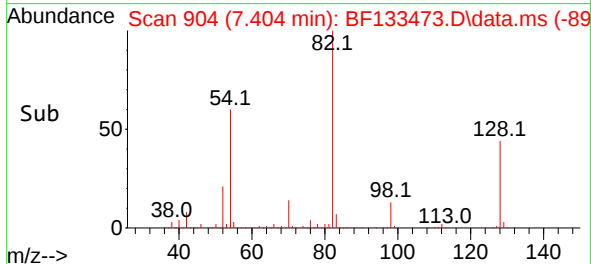
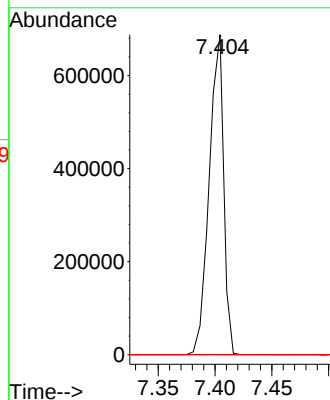
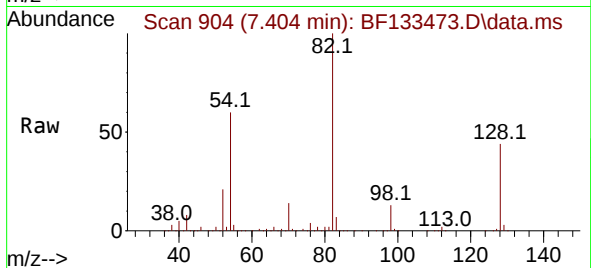




#25
Isophorone
Concen: 44.082 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

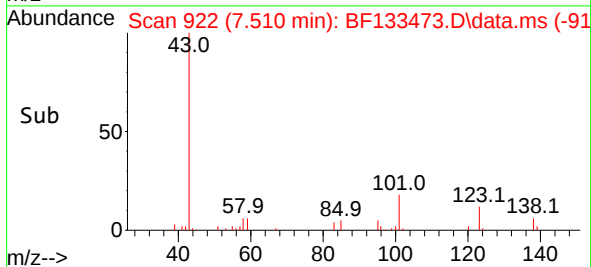
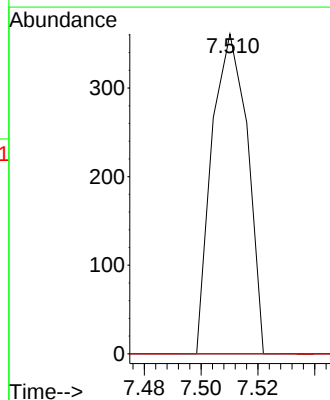
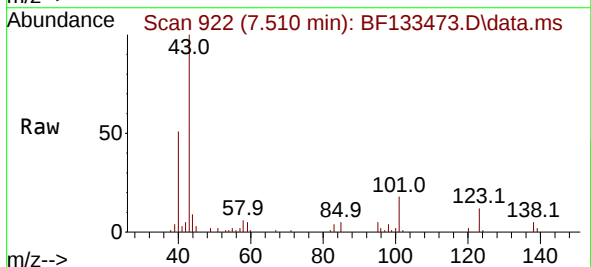
Instrument :
BNA_F
ClientSampleId :
TP-29

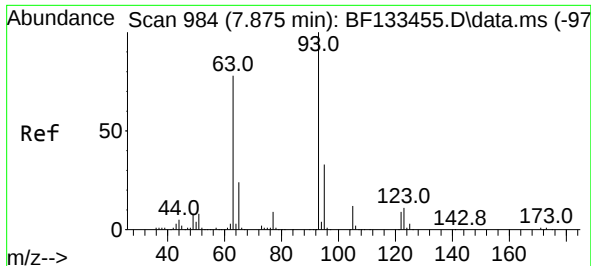
Tgt Ion: 82 Resp: 608162
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.5 20.3#



#26
2-Nitrophenol
Concen: 6.842 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.235 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:139 Resp: 314
Ion Ratio Lower Upper
139 100
109 0.0 22.3 33.5#
65 0.0 37.6 56.4#

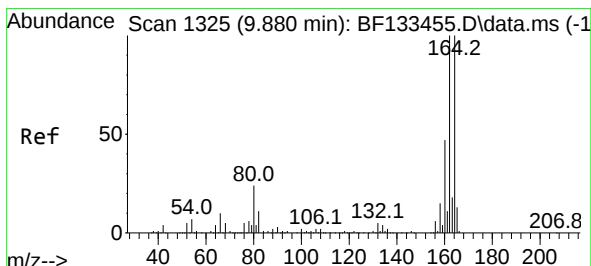
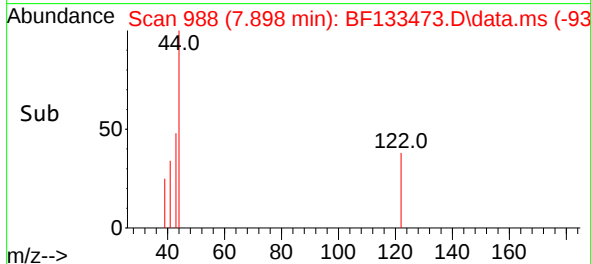
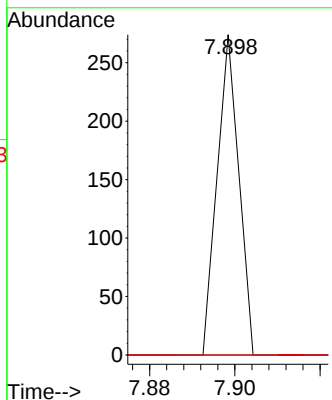
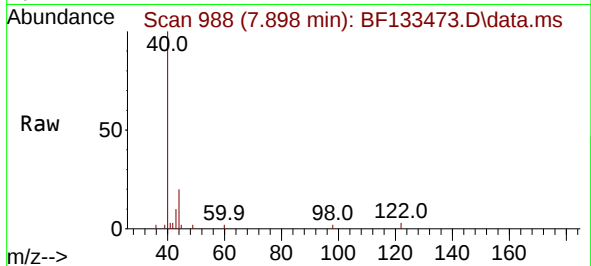




#32
Benzoic acid
Concen: 6.300 ng
RT: 7.898 min Scan# 91
Delta R.T. 0.023 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

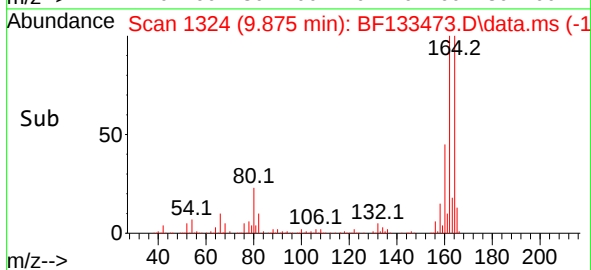
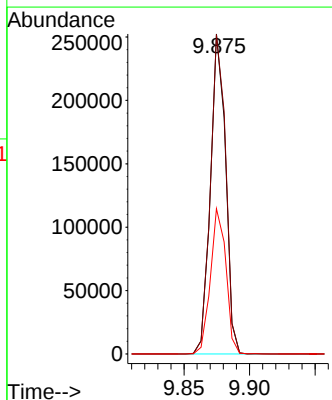
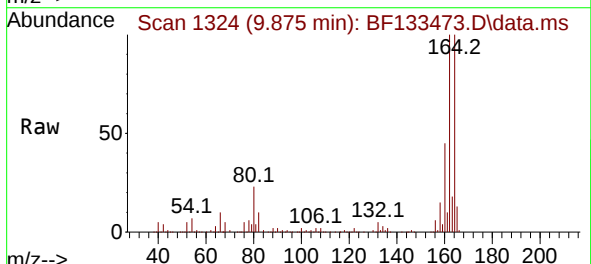
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ClientSampleId :
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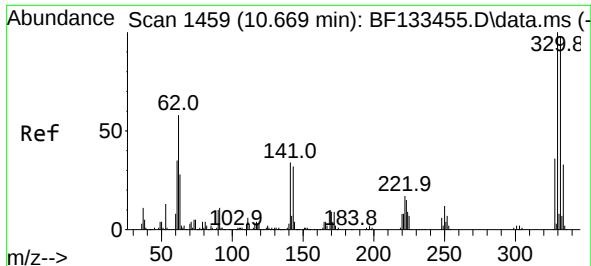
Tgt Ion:122 Resp: 97
Ion Ratio Lower Upper
122 100
105 0.0 111.2 151.2#
77 0.0 82.0 122.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.005 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:164 Resp: 202209
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.6
160 45.4 37.4 56.0





#42

2,4,6-Tribromophenol

Concen: 148.262 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.000 min

Lab File: BF133473.D

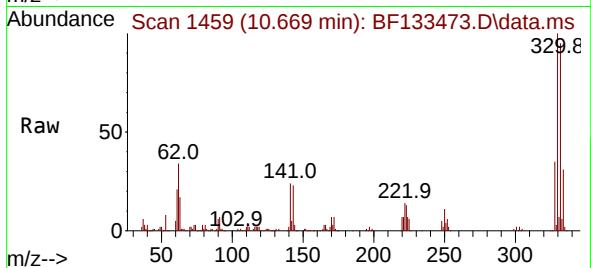
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Instrument :

BNA_F

ClientSampleId :

TP-29



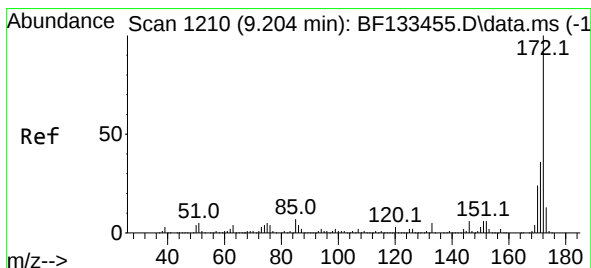
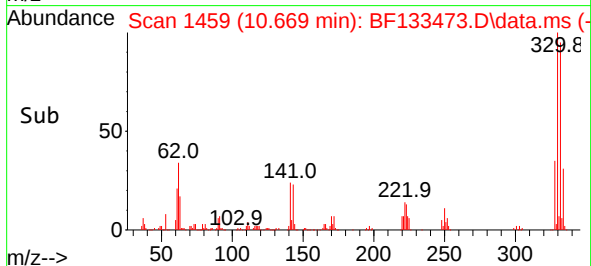
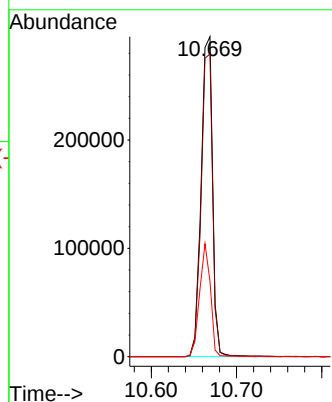
Tgt Ion:330 Resp: 276942

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

141 33.4 28.5 42.7



#45

2-Fluorobiphenyl

Concen: 76.340 ng

RT: 9.204 min Scan# 1210

Delta R.T. 0.000 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

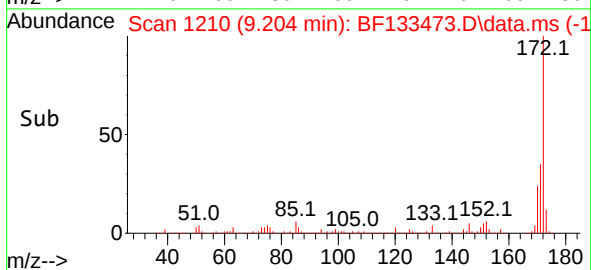
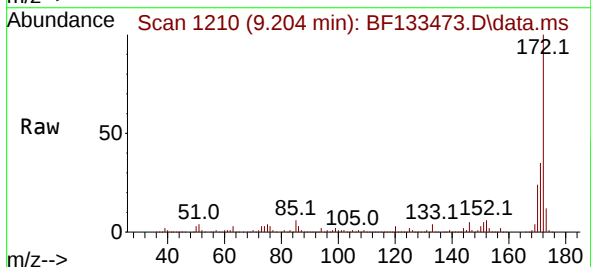
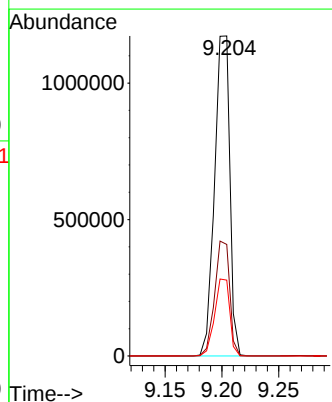
Tgt Ion:172 Resp: 1097197

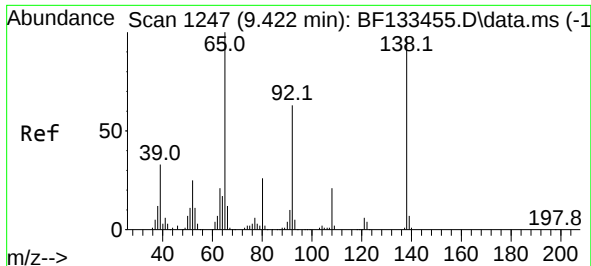
Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

170 23.7 19.0 28.4

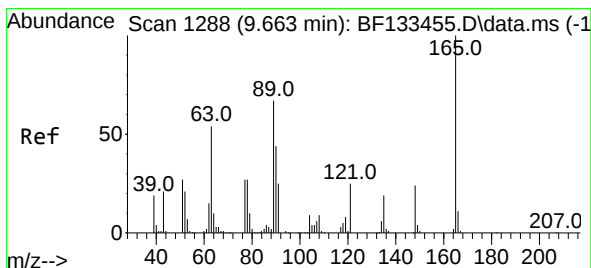
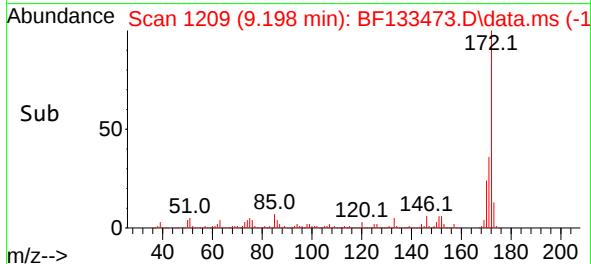
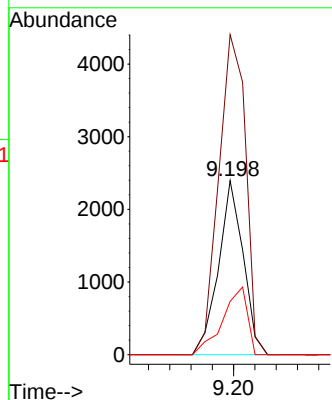
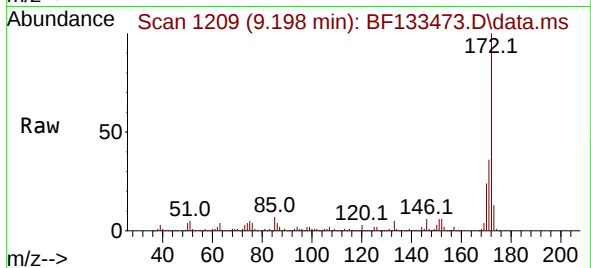




#48
2-Nitroaniline
Concen: 5.964 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.224 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

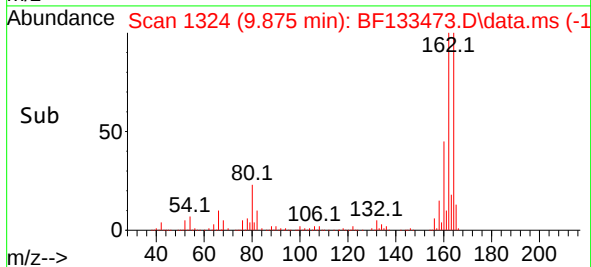
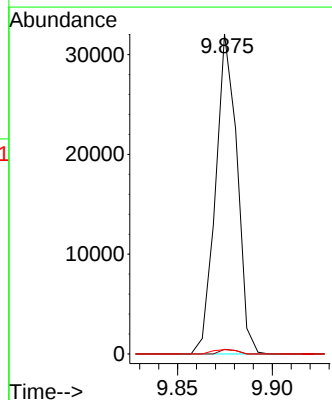
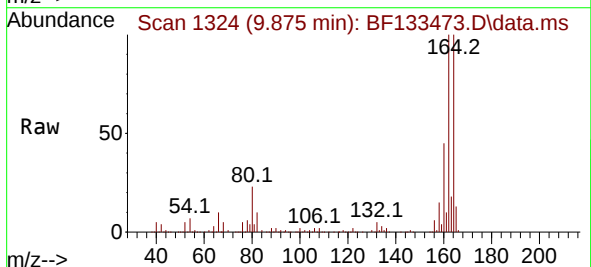
Instrument :
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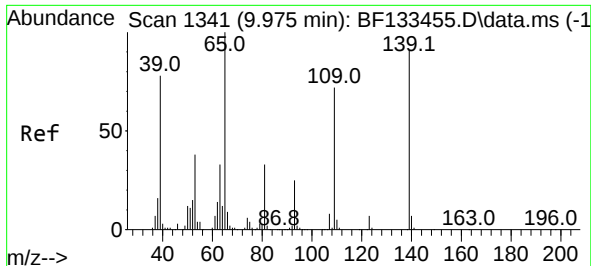
Tgt Ion: 65 Resp: 1933
Ion Ratio Lower Upper
65 100
92 183.8 50.1 75.1#
138 30.6 78.6 118.0#



#51
2,6-Dinitrotoluene
Concen: 13.224 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion: 165 Resp: 25359
Ion Ratio Lower Upper
165 100
63 1.5 61.0 91.4#
89 1.3 53.5 80.3#

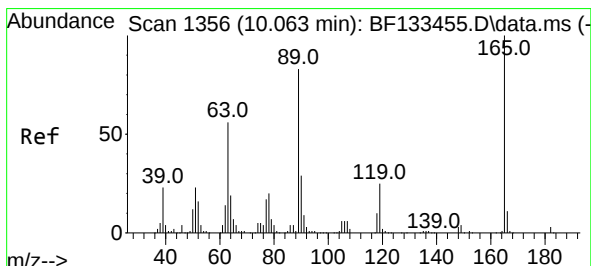
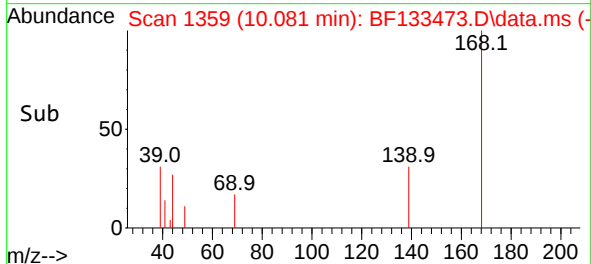
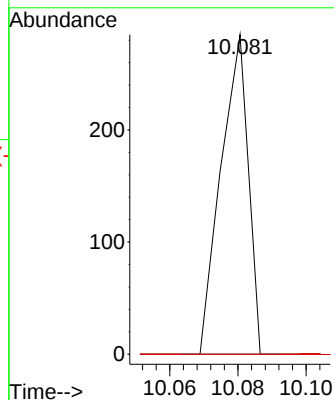
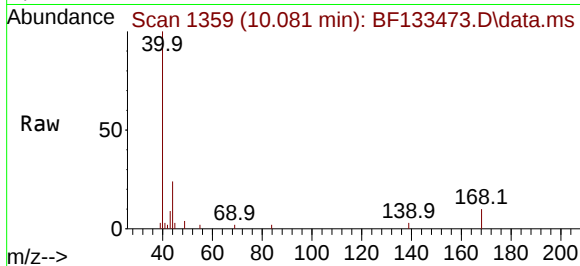




#56
4-Nitrophenol
Concen: 5.336 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.106 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

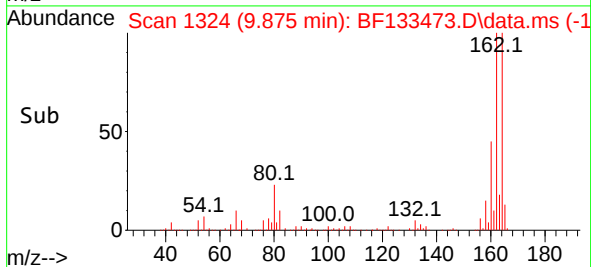
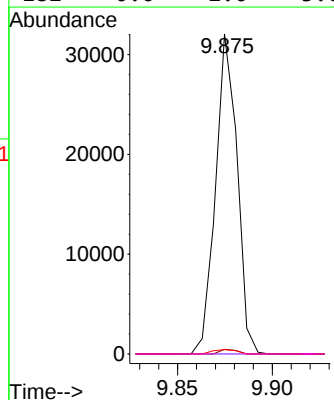
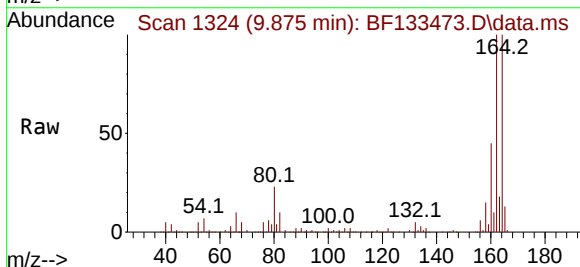
Instrument :
BNA_F
ClientSampleId :
TP-29

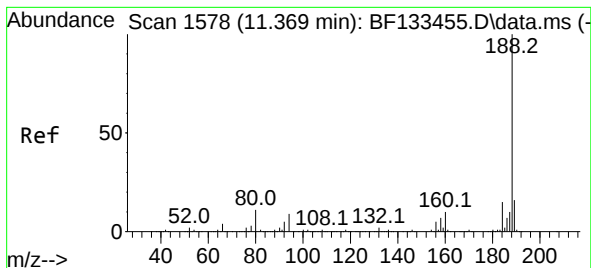
Tgt Ion:139 Resp: 158
Ion Ratio Lower Upper
139 100
109 0.0 59.5 99.5#
65 0.0 90.1 130.1#



#57
2,4-Dinitrotoluene
Concen: 12.562 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:165 Resp: 25359
Ion Ratio Lower Upper
165 100
63 1.5 45.1 67.7#
89 1.3 66.7 100.1#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

Instrument :

BNA_F

ClientSampleId :

TP-29

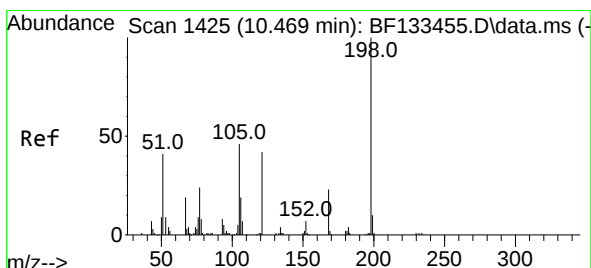
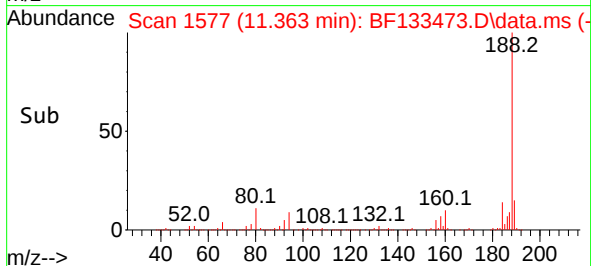
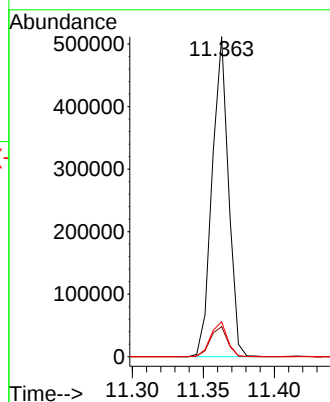
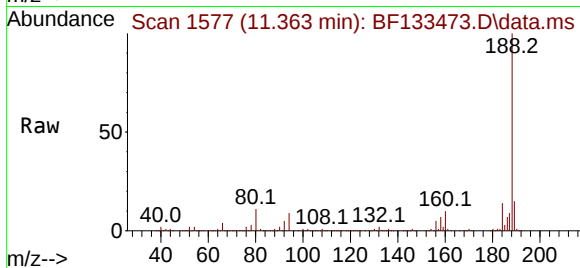
Tgt Ion:188 Resp: 408617

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.9 8.7 13.1



#65

4,6-Dinitro-2-methylphenol

Concen: 8.640 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.200 min

Lab File: BF133473.D

Acq: 24 May 2023 16:26

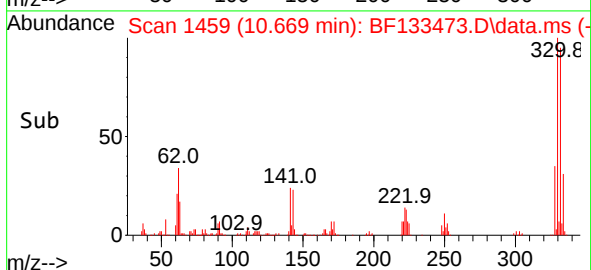
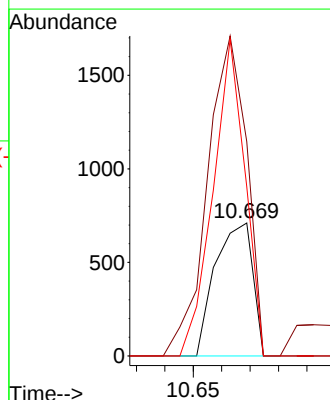
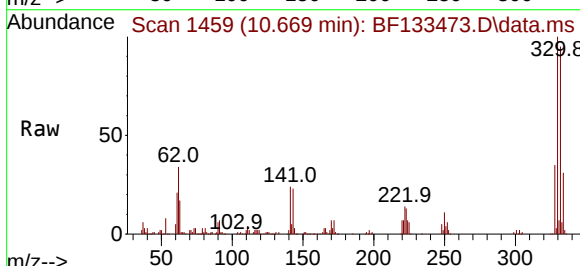
Tgt Ion:198 Resp: 649

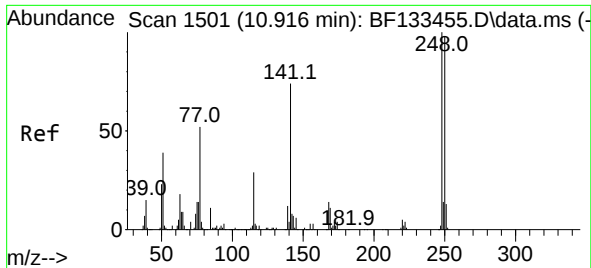
Ion Ratio Lower Upper

198 100

51 161.2 38.5 78.5#

105 127.3 29.6 69.6#

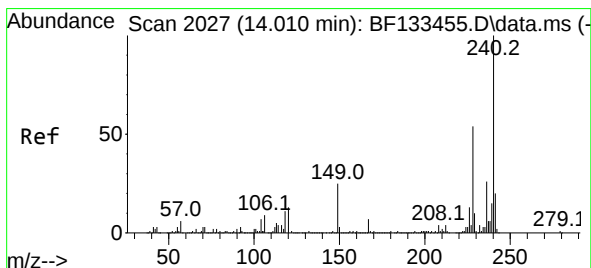
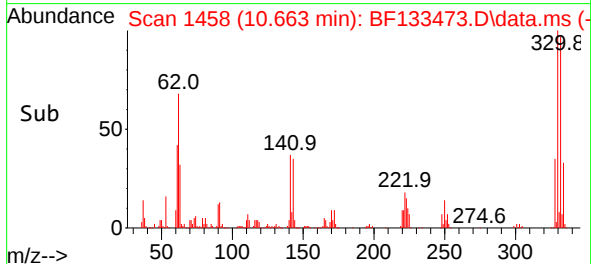
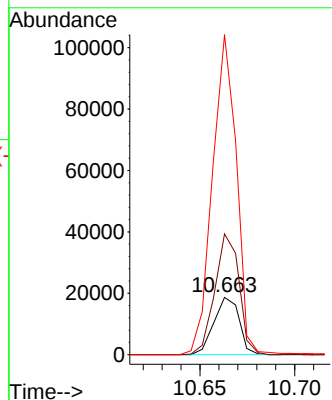
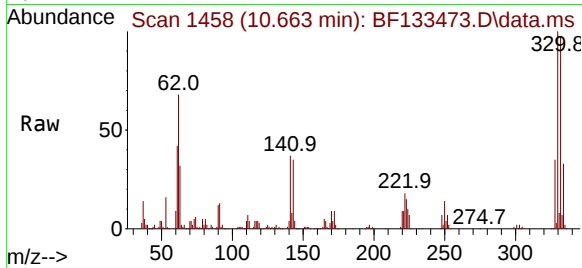




#67
4-Bromophenyl-phenylether
Concen: 4.038 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

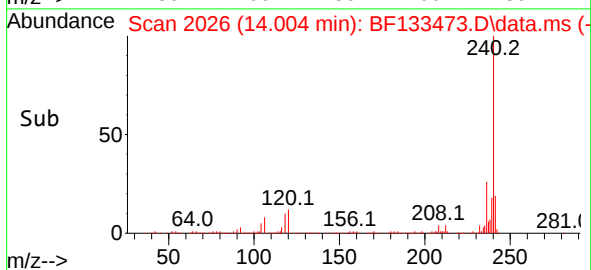
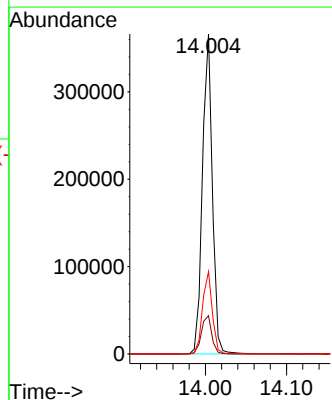
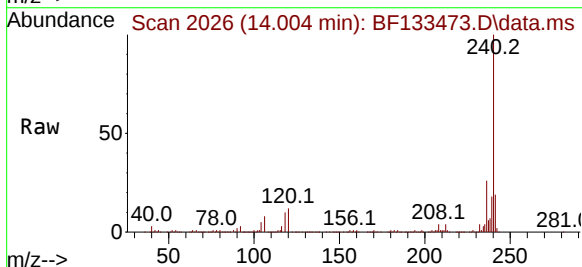
Instrument :
BNA_F
ClientSampleId :
TP-29

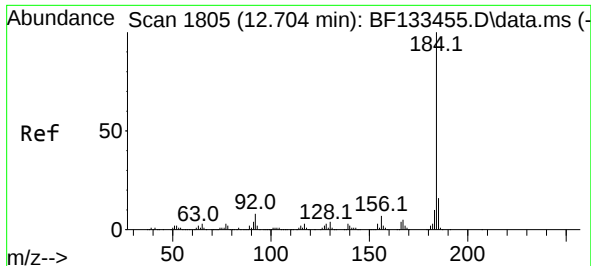
Tgt Ion:248 Resp: 17302
Ion Ratio Lower Upper
248 100
250 210.8 78.3 117.5#
141 558.2 59.1 88.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:240 Resp: 310969
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.4
236 25.8 20.9 31.3

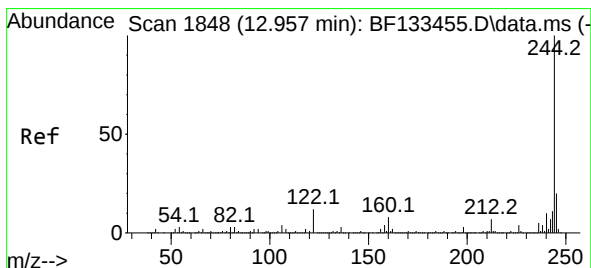
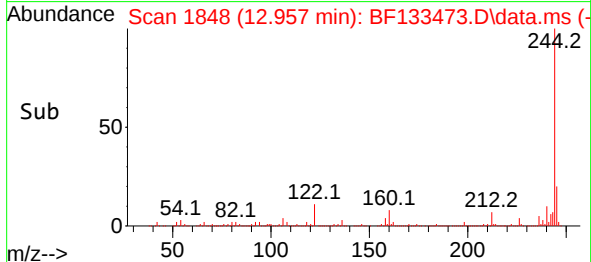
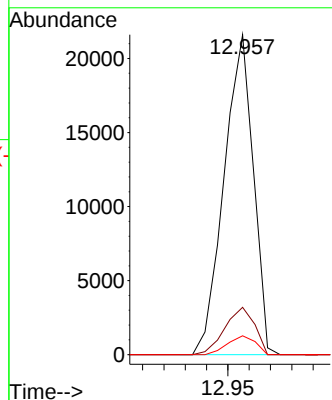
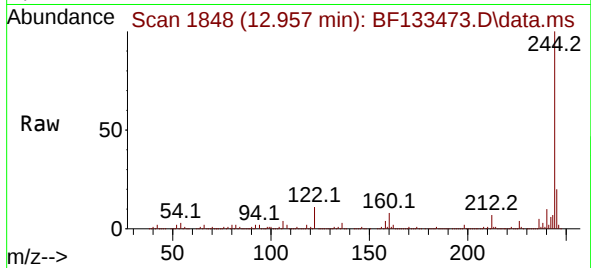




#77
Benzidine
Concen: 2.786 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

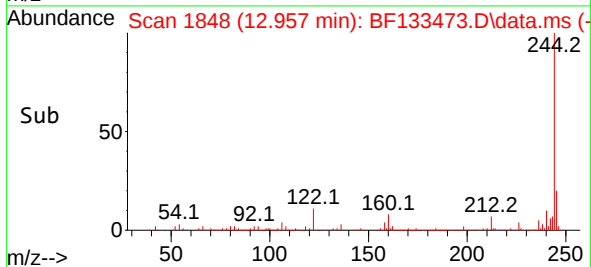
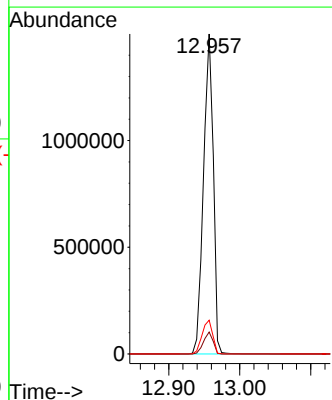
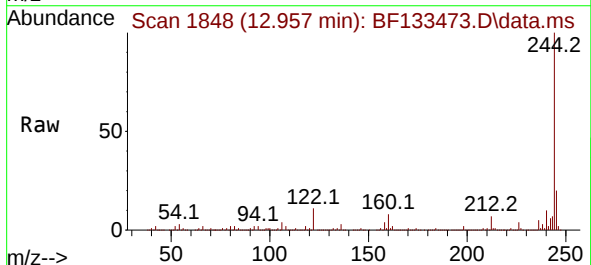
Instrument :
BNA_F
ClientSampleId :
TP-29

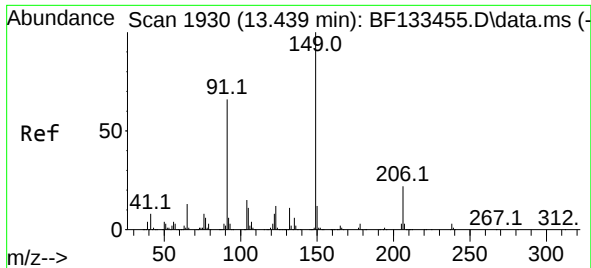
Tgt Ion:184 Resp: 20643
Ion Ratio Lower Upper
184 100
185 14.8 12.6 19.0
183 5.9 8.2 12.2#



#79
Terphenyl-d14
Concen: 88.667 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.000 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:244 Resp: 1442156
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.5 9.4 14.0

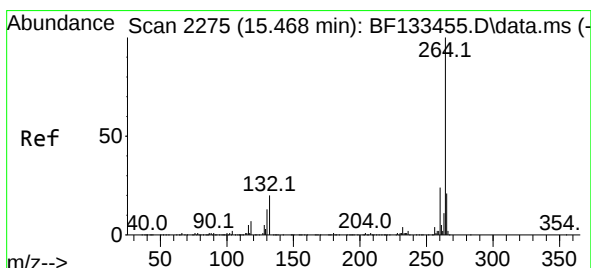
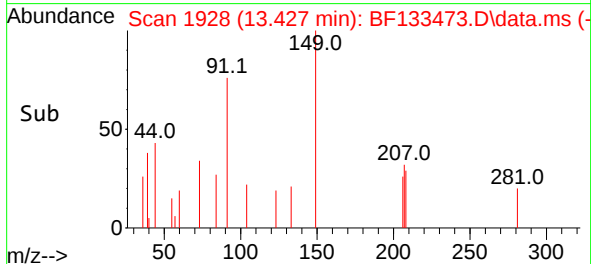
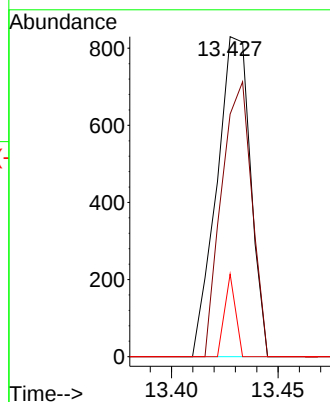
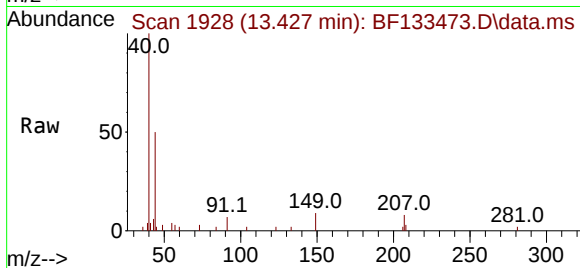




#80
Butylbenzylphthalate
Concen: 3.460 ng
RT: 13.427 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Instrument :
BNA_F
ClientSampleId :
TP-29

Tgt Ion:149	Resp:	917
Ion Ratio	Lower	Upper
149	100	
91	75.8	53.1 79.7
206	25.8	17.4 26.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF133473.D
Acq: 24 May 2023 16:26

Tgt Ion:264	Resp:	253388
Ion Ratio	Lower	Upper
264	100	
260	24.4	18.8 28.2
265	21.2	17.0 25.4

