

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
 Data File : BF122373.D
 Acq On : 18 Nov 2020 18:02
 Operator : JU/CG
 Sample : L4737-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-1-OWRE

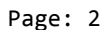
Quant Time: Nov 19 00:39:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 12:25:42 2020
 Response via : Initial Calibration

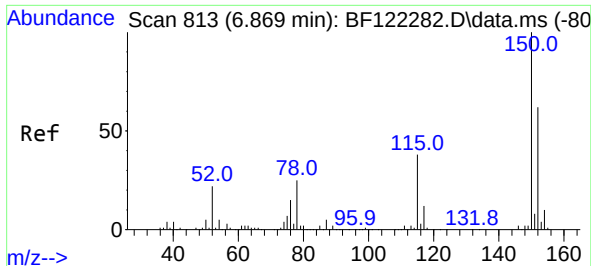
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	221592	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	853239	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	337750	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	869244	20.00	ng	0.00
76) Chrysene-d12	14.027	240	716067	20.00	ng	0.00
86) Perylene-d12	15.492	264	86513	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	871641	60.40	ng	0.00
7) Phenol-d6	6.475	99	620211	32.85	ng	-0.02
23) Nitrobenzene-d5	7.428	82	1440122	103.33	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	778205	214.68	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2580483	119.37	ng	0.00
79) Terphenyl-d14	12.980	244	2993297	88.56	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	291	Below Cal		89
19) n-Nitroso-di-n-propyla...	7.428	70	197581	17.51 ng	#	73
25) Isophorone	7.428	82	1432491	46.10 ng	#	67
32) Benzoic acid	7.869	122	235	7.98 ng	#	46
48) 2-Nitroaniline	9.616	65	2984	5.59 ng	#	1
50) Dimethylphthalate	9.616	163	296768	12.36 ng		99
51) 2,6-Dinitrotoluene	9.616	165	3127	4.35 ng	#	26
53) 3-Nitroaniline	10.004	138	130	3.58 ng	#	1
56) 4-Nitrophenol	10.104	139	110	5.43 ng	#	28
57) 2,4-Dinitrotoluene	9.904	165	43743	10.58 ng	#	22
62) 4-Nitroaniline	10.692	138	106	3.40 ng	#	1
65) 4,6-Dinitro-2-methylph...	10.692	198	1589	6.68 ng	#	1
67) 4-Bromophenyl-phenylether	10.692	248	49778	4.87 ng	#	1
77) Benzidine	12.980	184	39785	2.00 ng	#	92
80) Butylbenzylphthalate	13.451	149	577	3.32 ng	#	48

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
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QLast Update : Tue Nov 10 12:25:42 2020
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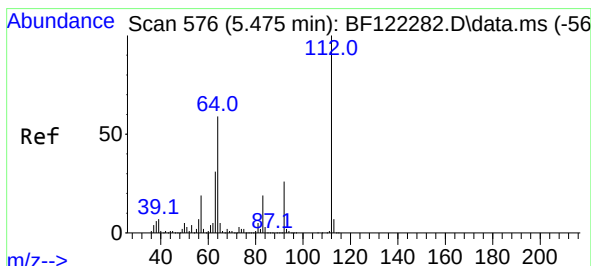
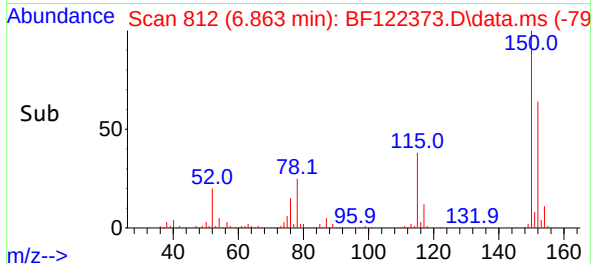
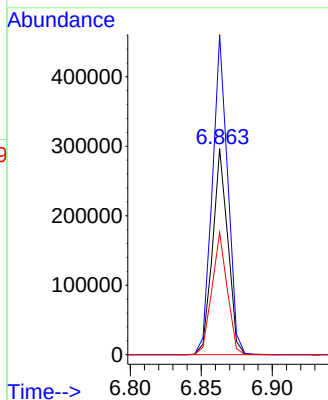
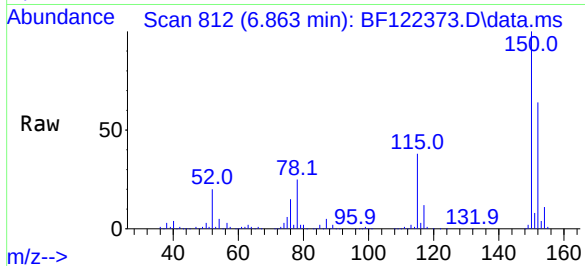




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

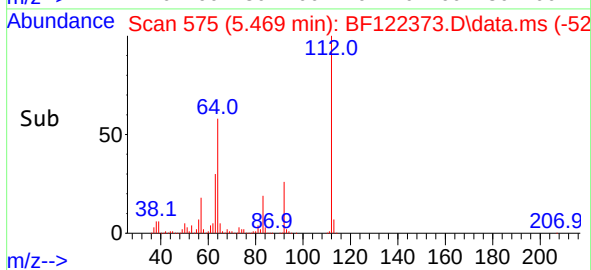
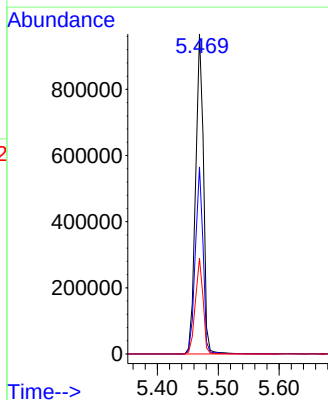
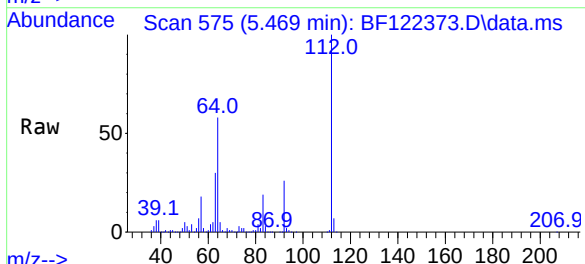
Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

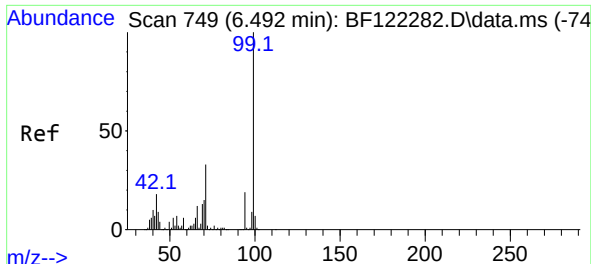
Tgt Ion:152 Resp: 221592
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 59.3 51.9 77.9



#5
2-Fluorophenol
Concen: 60.40 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:112 Resp: 871641
Ion Ratio Lower Upper
112 100
64 58.5 50.4 75.6
63 29.9 25.8 38.6

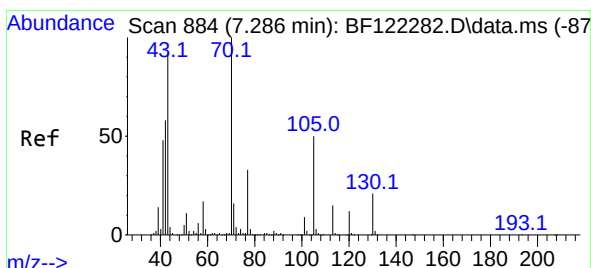
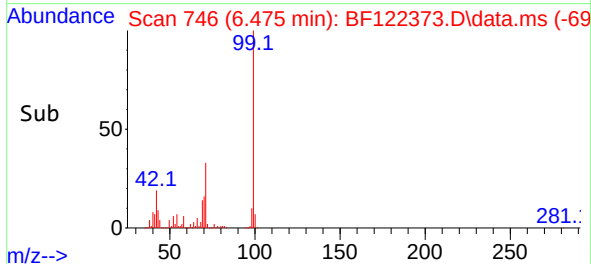
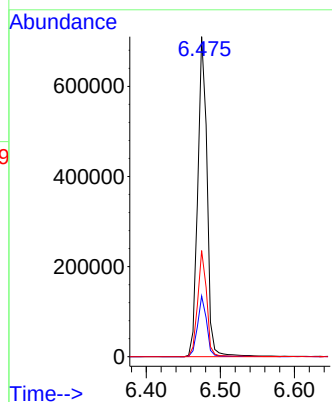
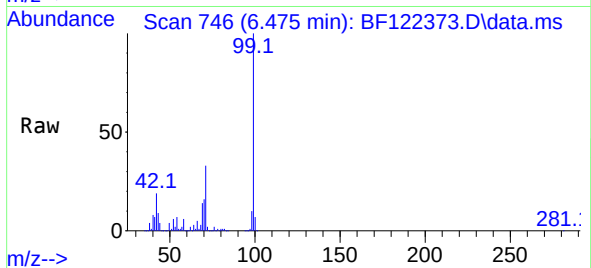




#7
Phenol-d6
Concen: 32.85 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.017 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

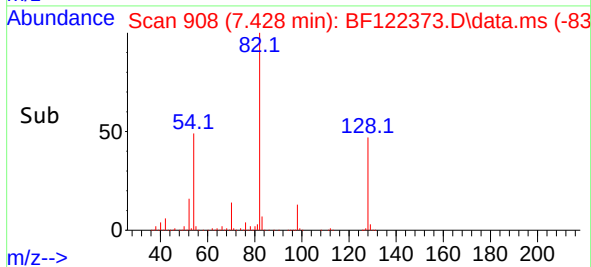
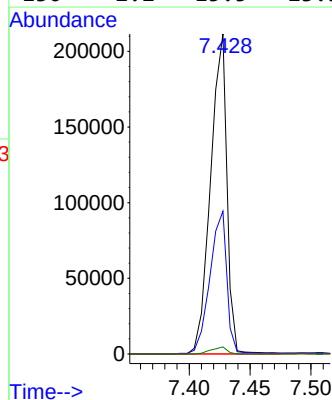
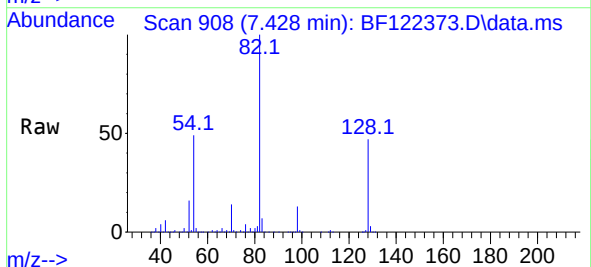
Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

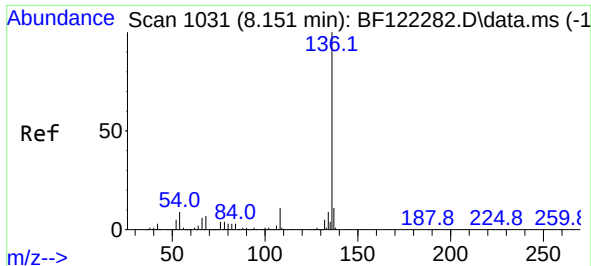
Tgt Ion: 99 Resp: 620211
Ion Ratio Lower Upper
99 100
42 19.0 15.9 23.9
71 33.2 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.51 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion: 70 Resp: 197581
Ion Ratio Lower Upper
70 100
42 44.6 50.2 75.4#
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



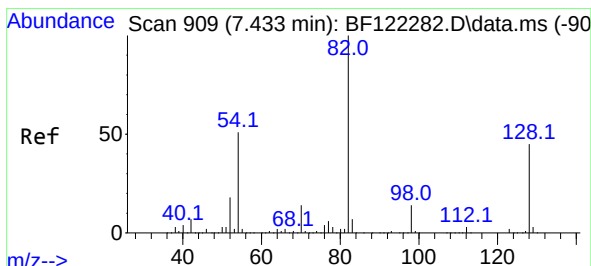
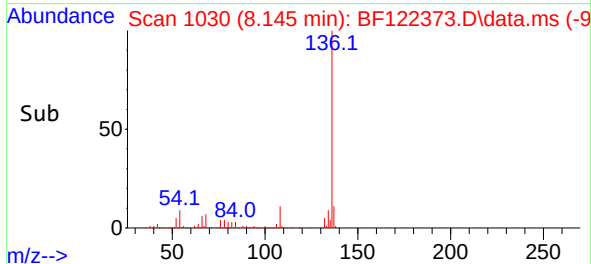
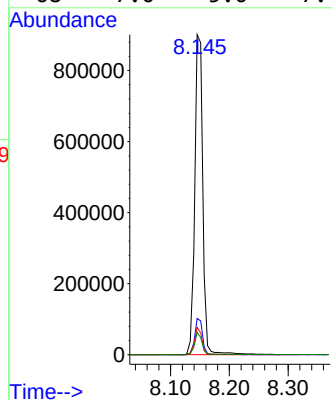
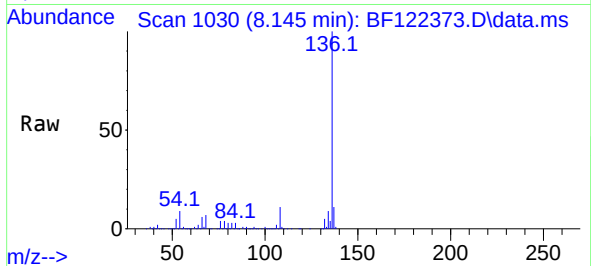


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

Tgt Ion:136 Resp: 853239

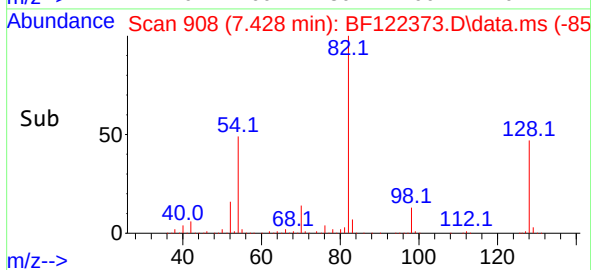
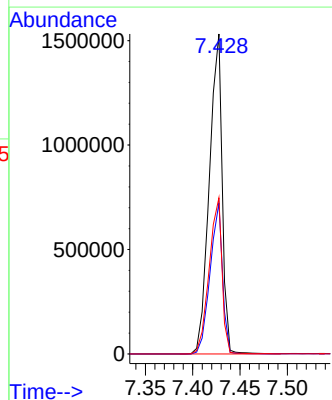
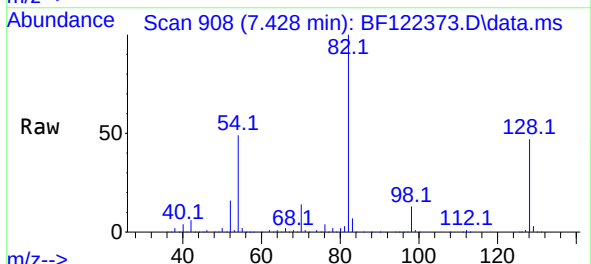
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.6	7.1	10.7
68	7.0	5.0	7.4

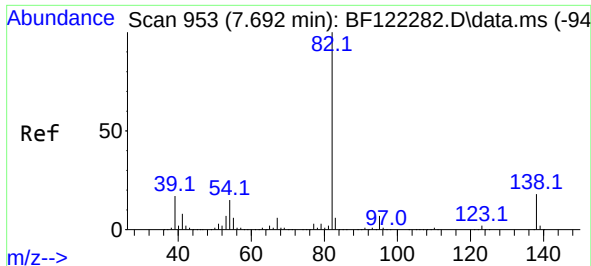


#23
Nitrobenzene-d5
Concen: 103.33 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion: 82 Resp: 1440122

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.0	52.4
54	48.8	43.9	65.9

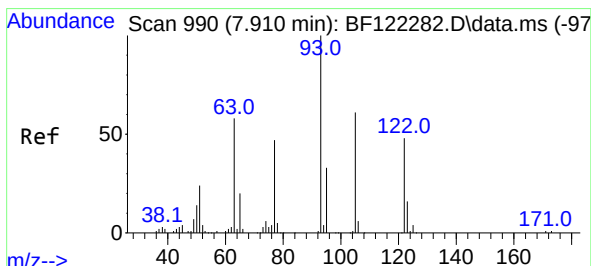
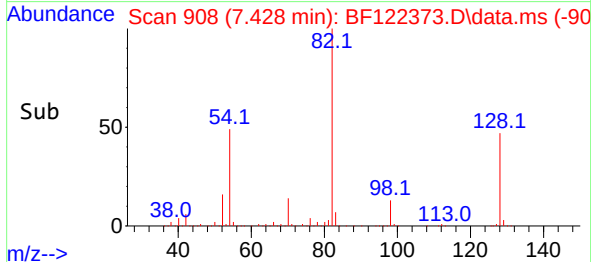
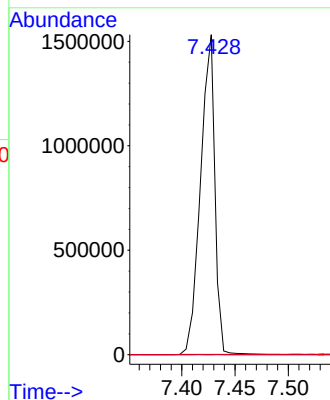
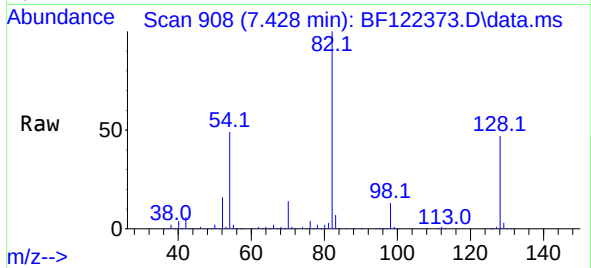




#25
Isophorone
Concen: 46.10 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.264 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

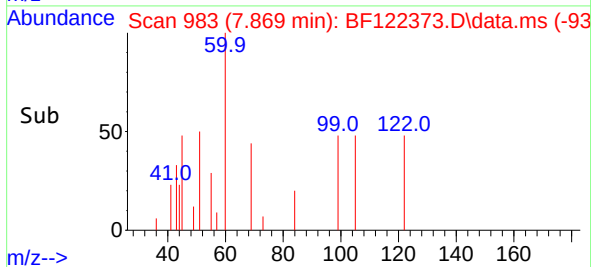
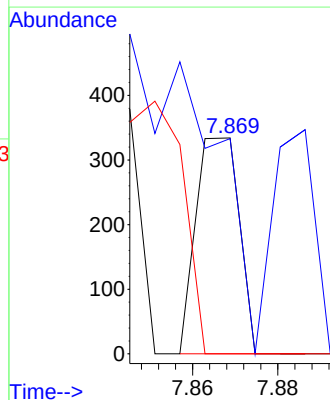
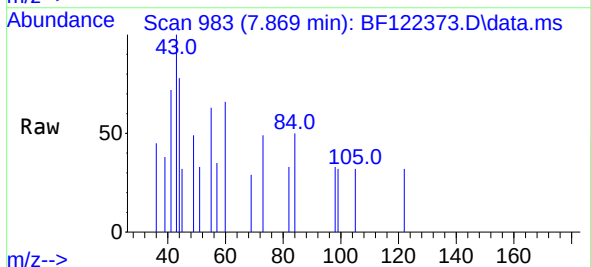
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ClientSampleId :
M-1-OWRE

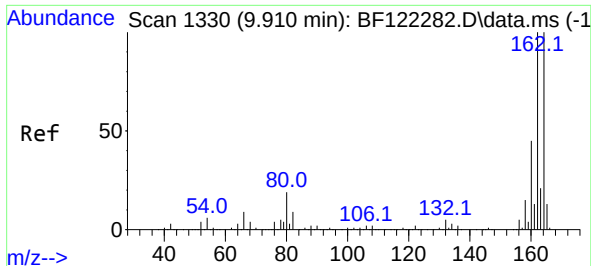
Tgt Ion: 82 Resp: 1432491
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.98 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.041 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion: 122 Resp: 235
Ion Ratio Lower Upper
122 100
105 99.7 103.3 143.3#
77 0.0 73.9 113.9#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF122373.D

Acq: 18 Nov 2020 18:02

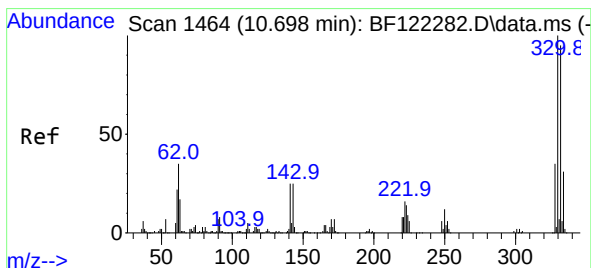
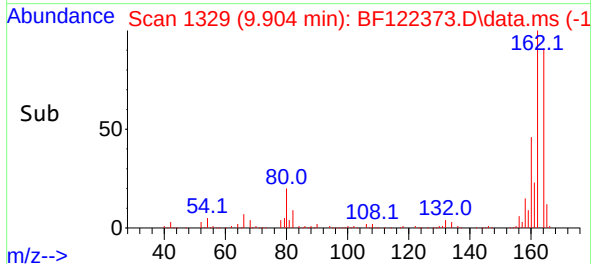
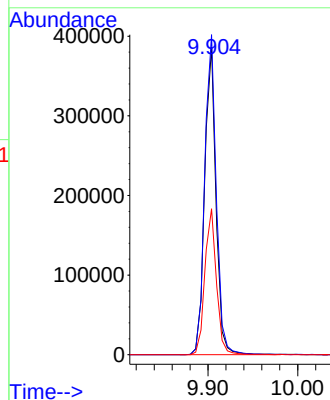
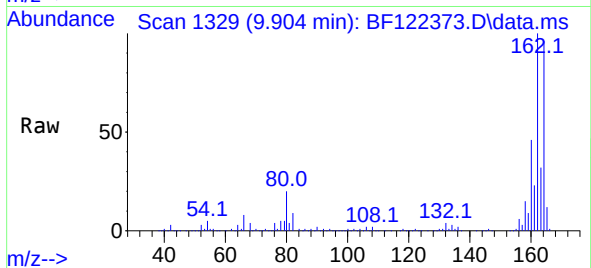
Tgt Ion:164 Resp: 337750

Ion Ratio Lower Upper

164 100

162 104.0 83.2 124.8

160 47.4 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 214.68 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF122373.D

Acq: 18 Nov 2020 18:02

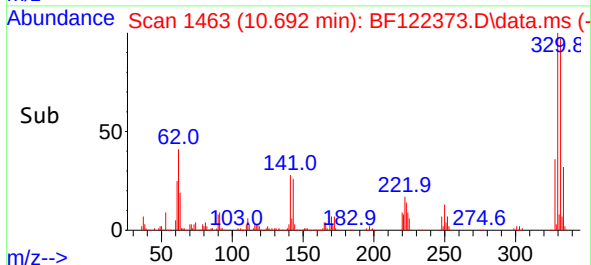
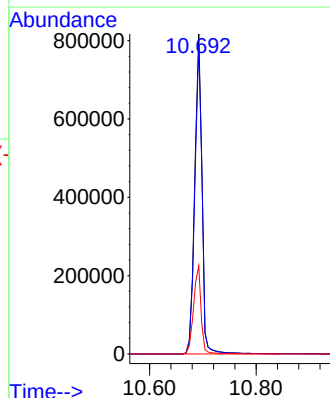
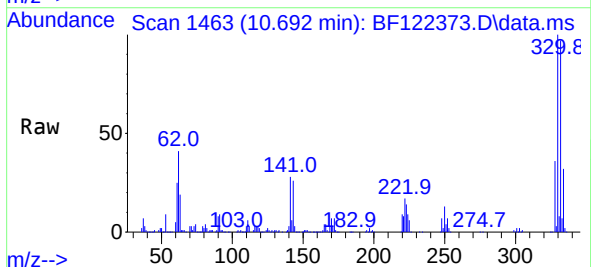
Tgt Ion:330 Resp: 778205

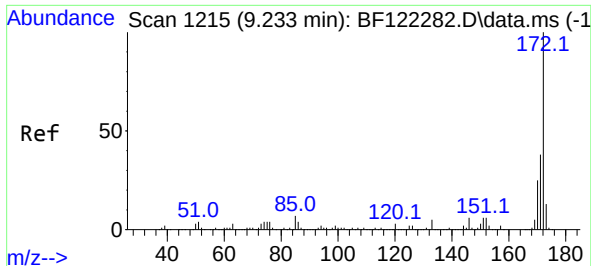
Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 28.7 22.3 33.5

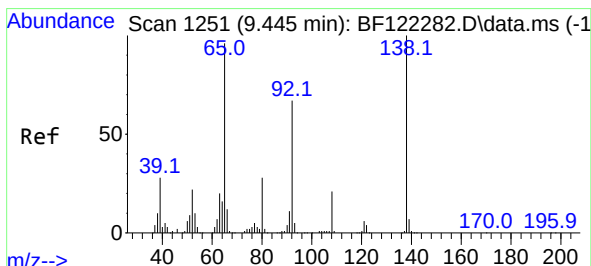
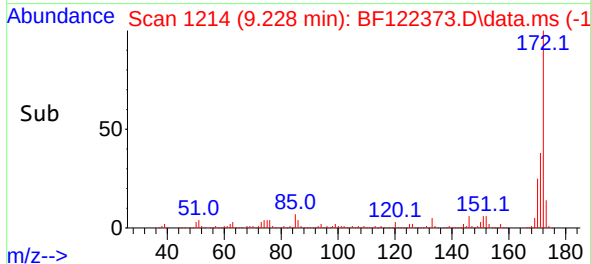
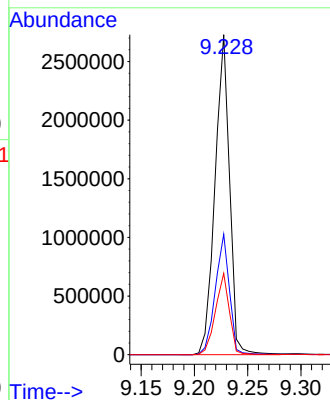
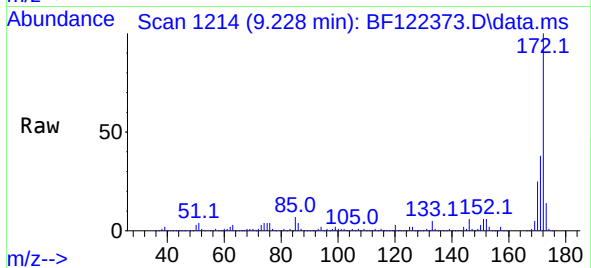




#45
2-Fluorobiphenyl
Concen: 119.37 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

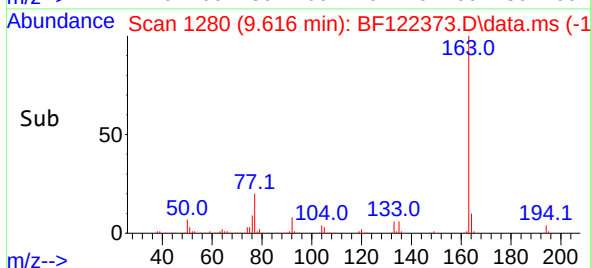
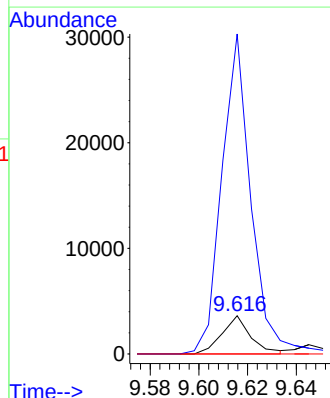
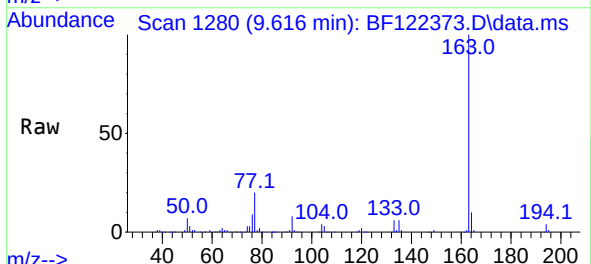
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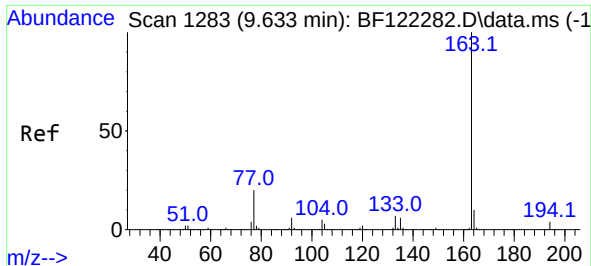
Tgt Ion:172 Resp: 2580483
Ion Ratio Lower Upper
172 100
171 37.6 29.1 43.7
170 25.4 19.8 29.6



#48
2-Nitroaniline
Concen: 5.59 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.171 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion: 65 Resp: 2984
Ion Ratio Lower Upper
65 100
92 835.5 55.1 82.7#
138 0.0 80.5 120.7#

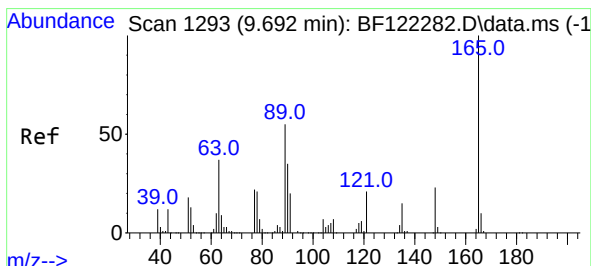
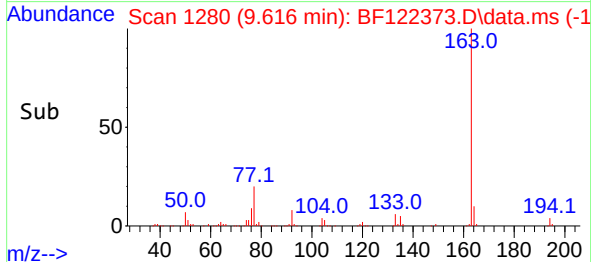
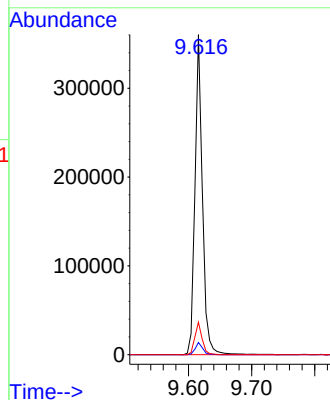
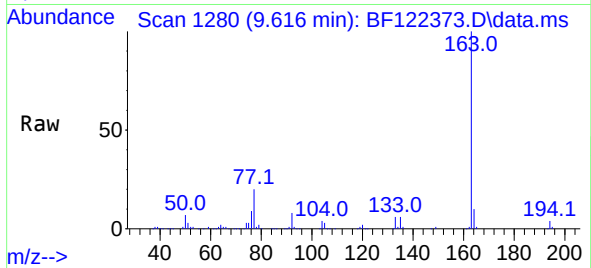




#50
Dimethylphthalate
Concen: 12.36 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

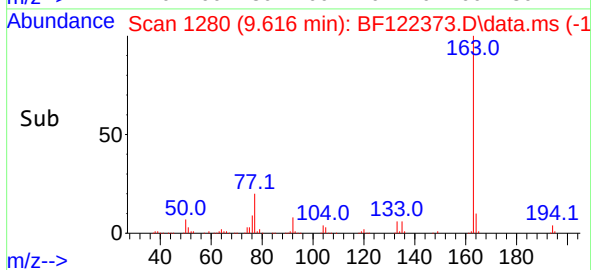
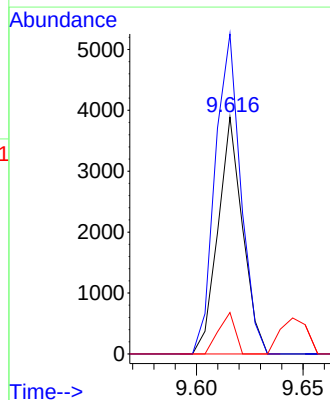
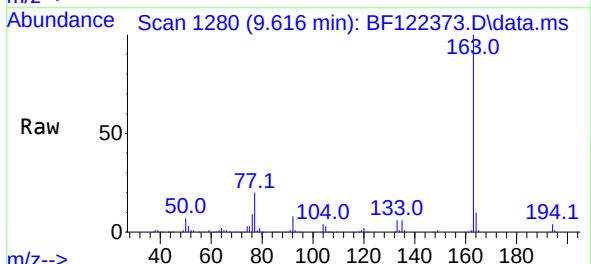
Instrument :
BNA_F
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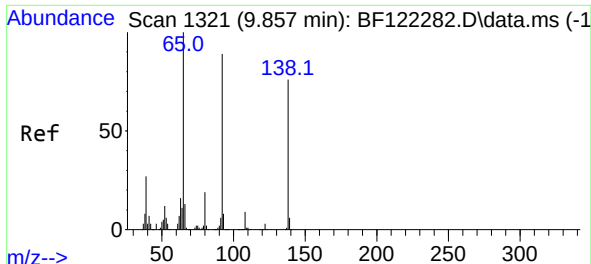
Tgt Ion:163 Resp: 296768
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 4.35 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.076 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:165 Resp: 3127
Ion Ratio Lower Upper
165 100
63 135.0 51.8 77.6#
89 17.5 49.0 73.6#

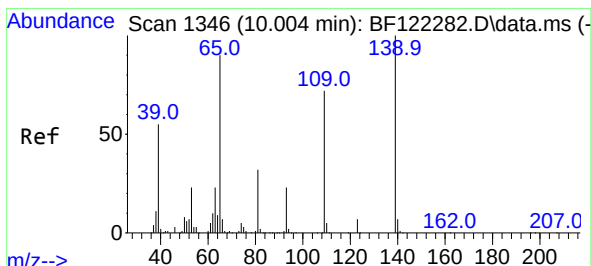
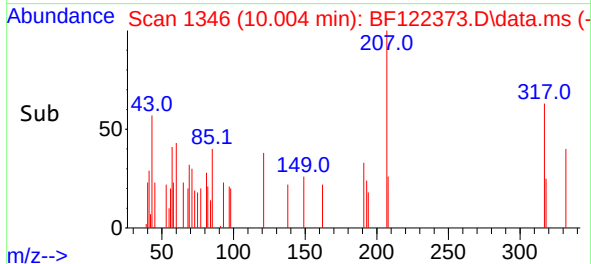
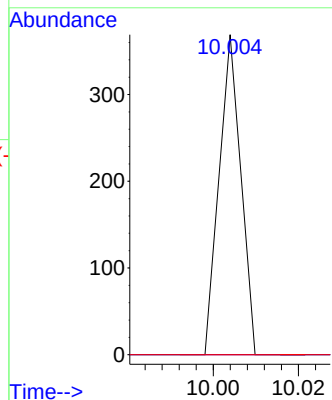
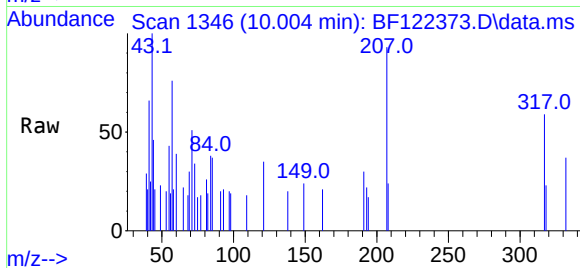




#53
3-Nitroaniline
Concen: 3.58 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.147 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

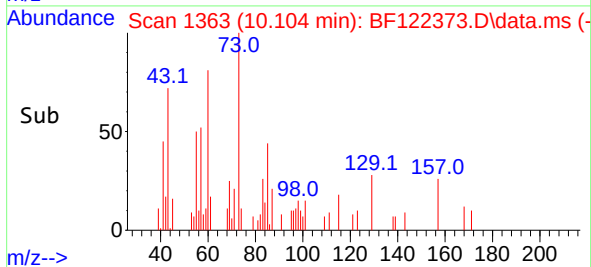
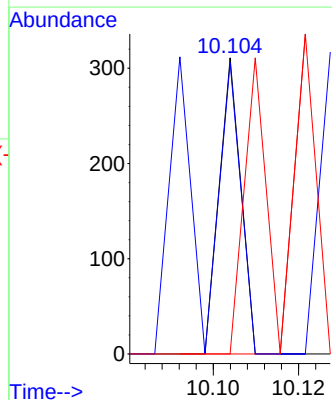
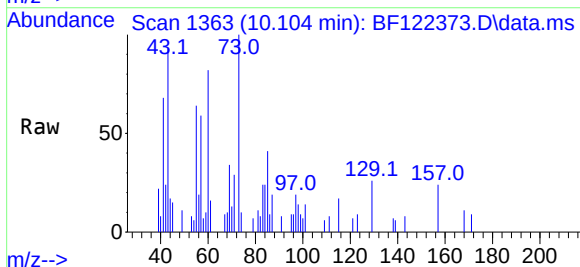
Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

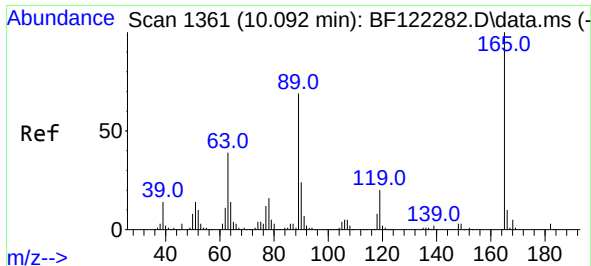
Tgt Ion:138 Resp: 130
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 96.6 144.8#



#56
4-Nitrophenol
Concen: 5.43 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.100 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:139 Resp: 110
Ion Ratio Lower Upper
139 100
109 98.4 45.4 85.4#
65 0.0 68.4 108.4#



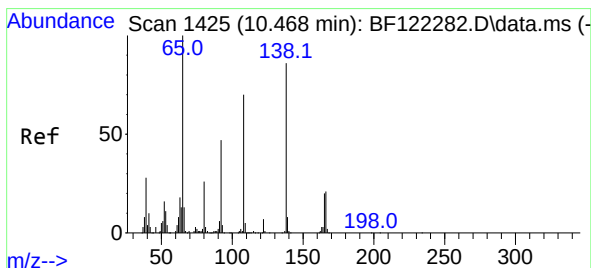
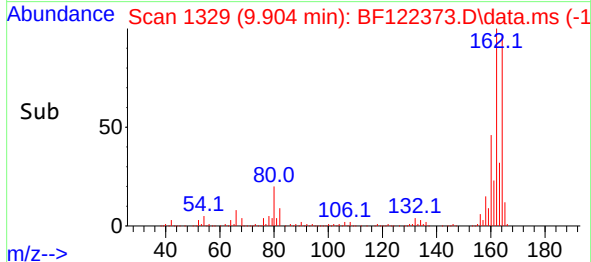
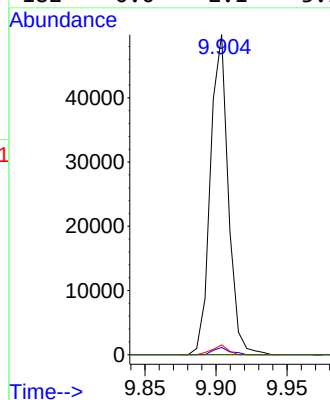
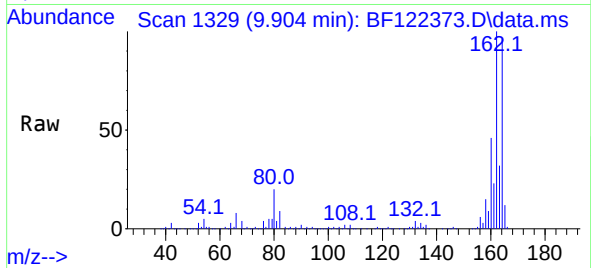


#57
2,4-Dinitrotoluene
Concen: 10.58 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

Tgt Ion:165 Resp: 43743

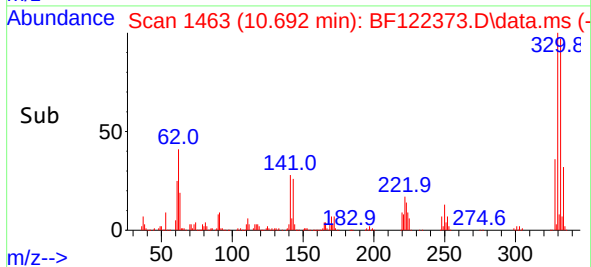
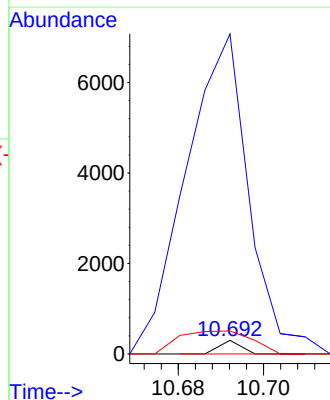
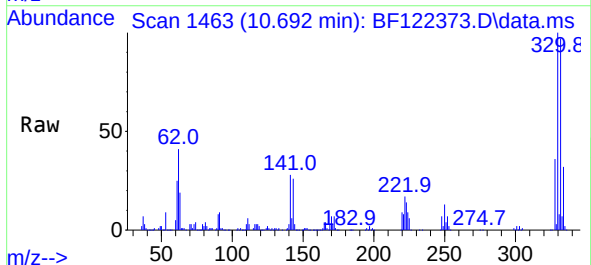
Ion	Ratio	Lower	Upper
165	100		
63	2.3	41.3	61.9#
89	3.1	61.8	92.8#
182	0.0	2.1	3.1#

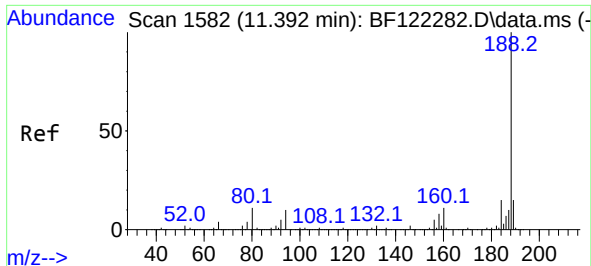


#62
4-Nitroaniline
Concen: 3.40 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.224 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:138 Resp: 106

Ion	Ratio	Lower	Upper
138	100		
92	2357.3	31.0	71.0#
108	170.0	51.5	91.5#

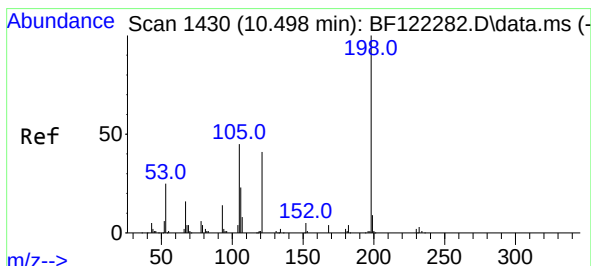
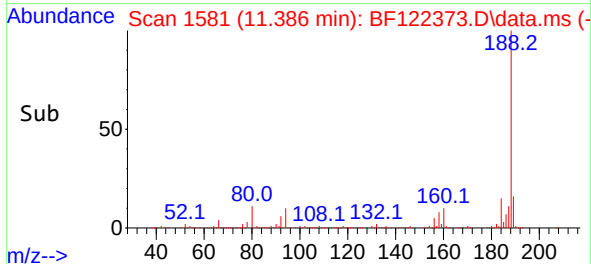
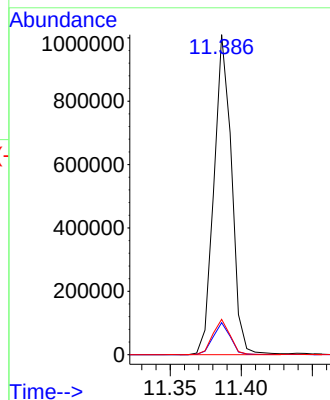
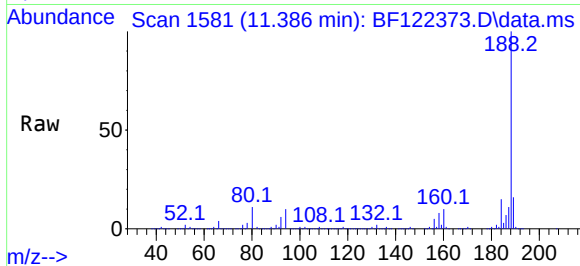




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

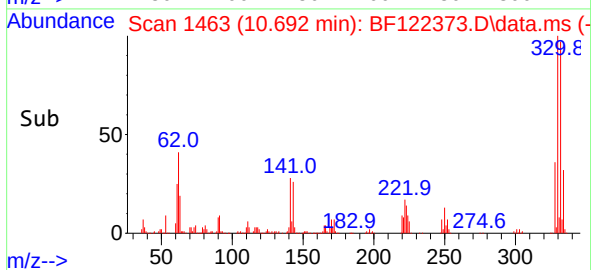
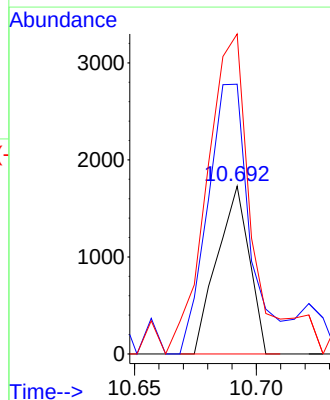
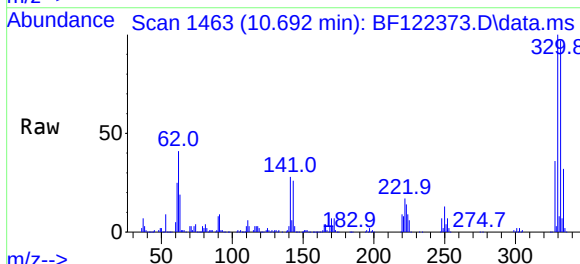
Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

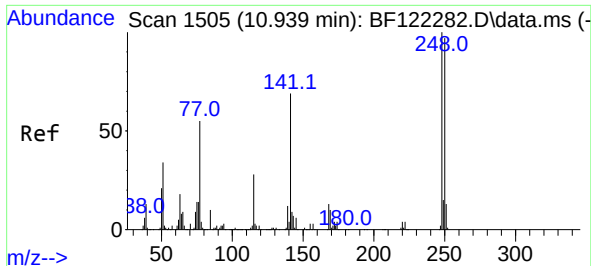
Tgt Ion:188 Resp: 869244
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 11.0 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.68 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.194 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:198 Resp: 1589
Ion Ratio Lower Upper
198 100
51 160.8 29.6 69.6#
105 190.6 24.4 64.4#

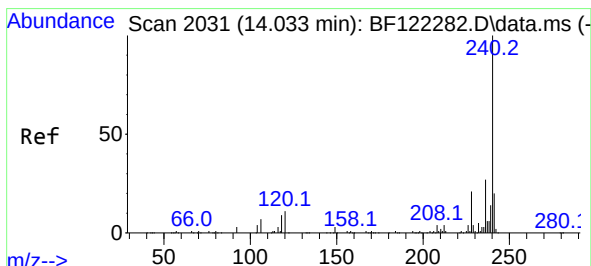
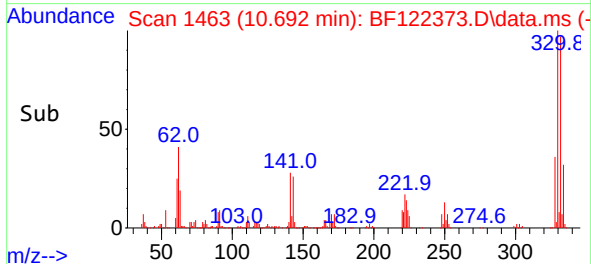
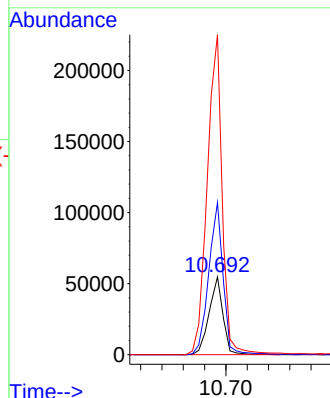
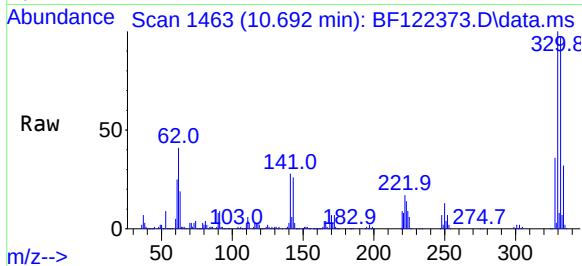




#67
4-Bromophenyl-phenylether
Concen: 4.87 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

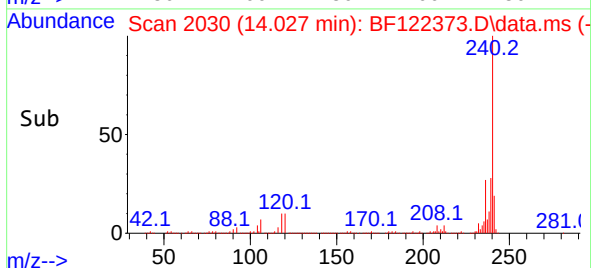
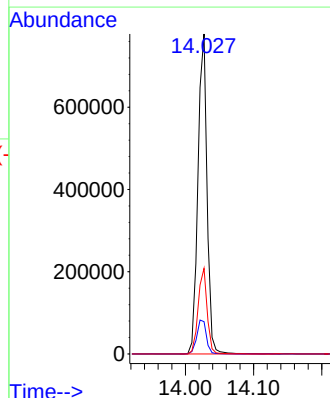
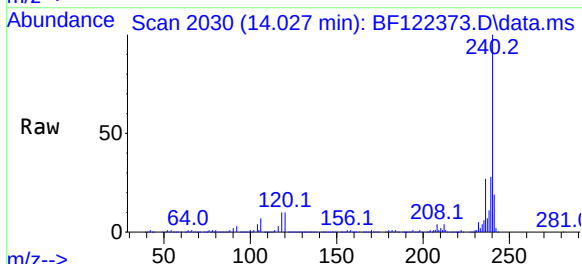
Instrument :
BNA_F
ClientSampled :
M-1-OWRE

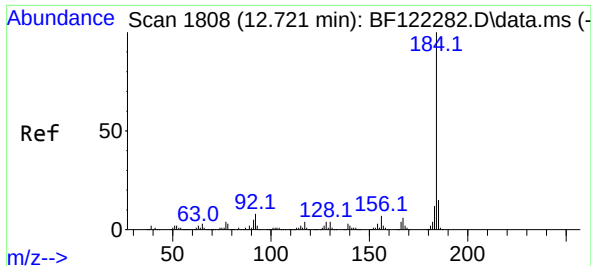
Tgt Ion:248 Resp: 49778
Ion Ratio Lower Upper
248 100
250 195.9 77.0 115.6#
141 411.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:240 Resp: 716067
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.8 20.9 31.3

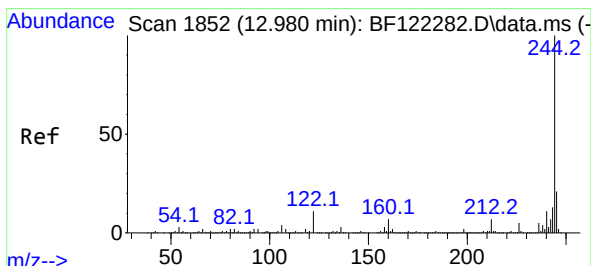
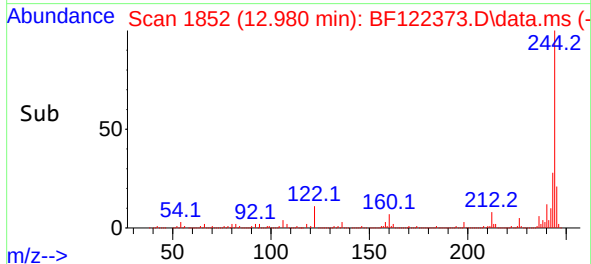
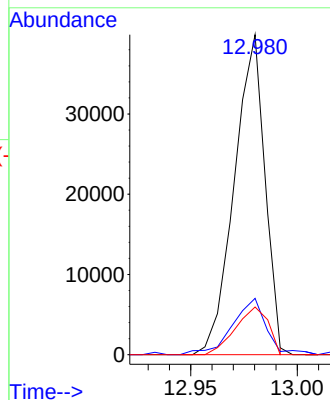
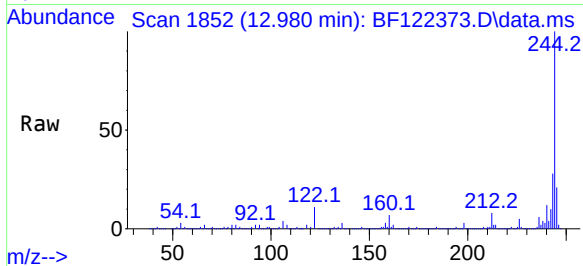




#77
Benzidine
Concen: 2.00 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

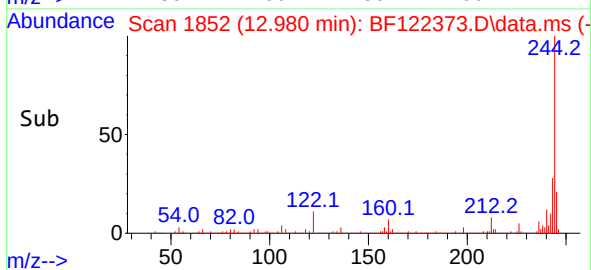
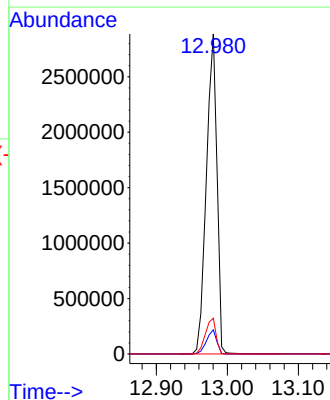
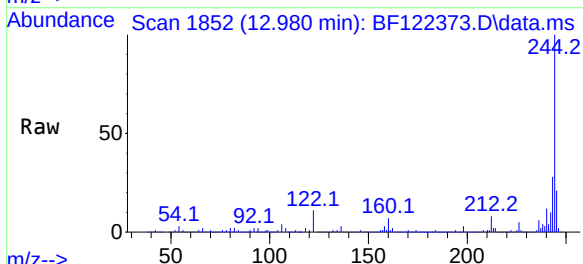
Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

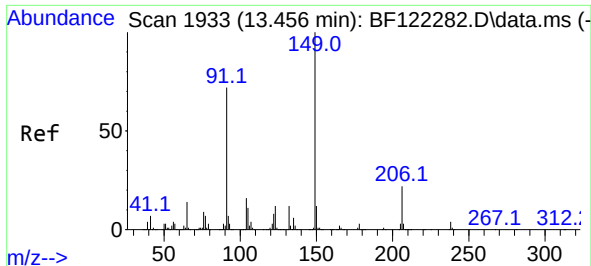
Tgt Ion:184 Resp: 39785
Ion Ratio Lower Upper
184 100
185 17.6 11.6 17.4#
183 14.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.56 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:244 Resp: 2993297
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 11.1 8.1 12.1

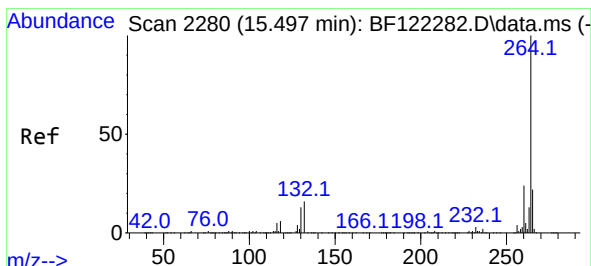
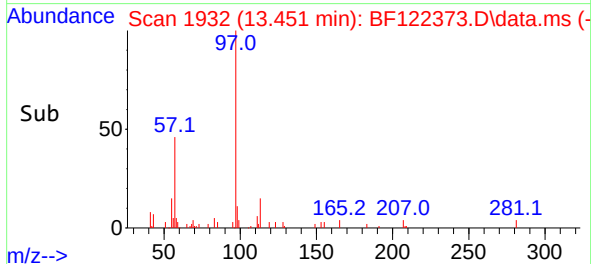
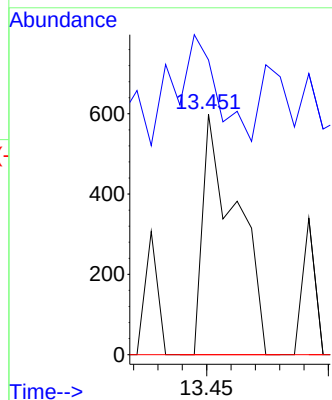
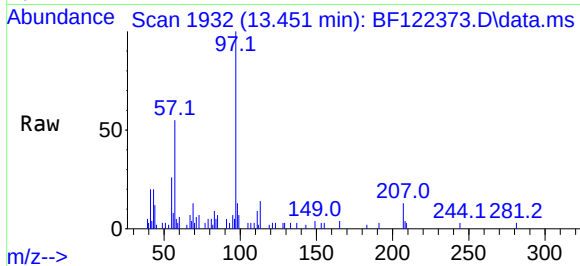




#80
Butylbenzylphthalate
Concen: 3.32 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.005 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Instrument :
BNA_F
ClientSampleId :
M-1-OWRE

Tgt Ion:	149	Resp:	577
Ion	Ratio	Lower	Upper
149	100		
91	122.5	61.0	91.4#
206	0.0	16.7	25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF122373.D
Acq: 18 Nov 2020 18:02

Tgt Ion:	264	Resp:	86513
Ion	Ratio	Lower	Upper
264	100		
260	35.3	18.7	28.1#
265	20.6	17.3	25.9

