

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122456.D
 Acq On : 23 Nov 2020 19:55
 Operator : JU/CG
 Sample : L4876-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TB-2C

Quant Time: Nov 24 00:27:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

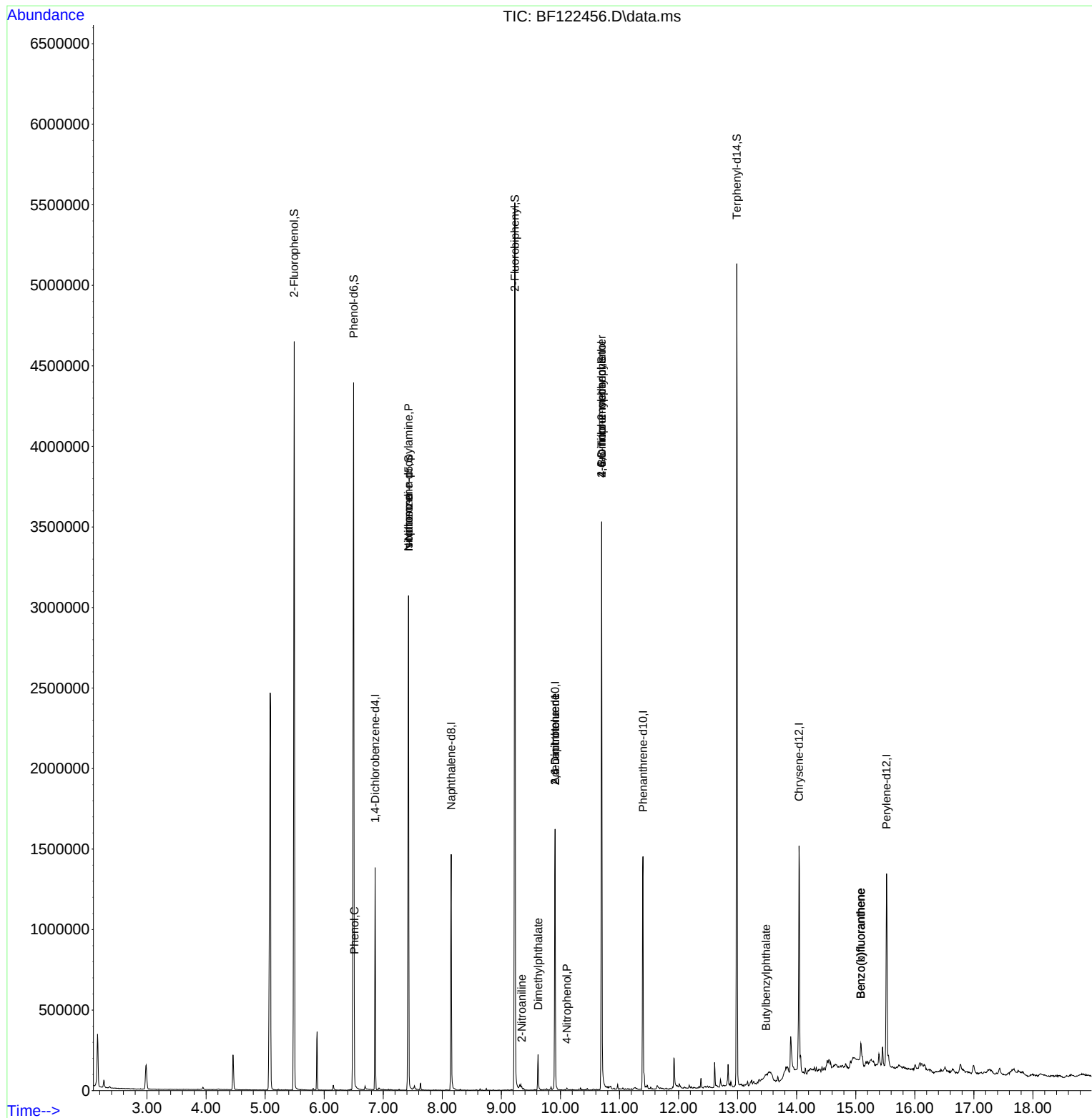
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	180916	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	680202	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	340693	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	566379	20.00	ng	0.00
76) Chrysene-d12	14.039	240	482240	20.00	ng	-0.01
86) Perylene-d12	15.521	264	560821	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1325234	112.48	ng	0.00
7) Phenol-d6	6.498	99	1649568	107.02	ng	-0.01
23) Nitrobenzene-d5	7.428	82	1020840	91.88	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	454840	124.39	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1824032	83.65	ng	0.00
79) Terphenyl-d14	12.986	244	1644055	72.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	559	Below Cal		85
10) Phenol	6.510	94	118351	7.80 ng	#	74
19) n-Nitroso-di-n-propyla...	7.428	70	136075	14.77 ng	#	74
25) Isophorone	7.428	82	1016241	41.03 ng	#	67
48) 2-Nitroaniline	9.345	65	427	5.23 ng	#	6
50) Dimethylphthalate	9.622	163	96718	3.99 ng		100
51) 2,6-Dinitrotoluene	9.910	165	43754	11.29 ng	#	20
56) 4-Nitrophenol	10.110	139	1031	5.59 ng	#	10
57) 2,4-Dinitrotoluene	9.910	165	43754	10.53 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.698	198	1067	6.70 ng	#	1
67) 4-Bromophenyl-phenylether	10.698	248	28686	4.31 ng	#	1
80) Butylbenzylphthalate	13.480	149	2152	3.44 ng	#	59
88) Benzo(b)fluoranthene	15.086	252	94456	2.60 ng		96
89) Benzo(k)fluoranthene	15.086	252	94456	2.67 ng	#	95

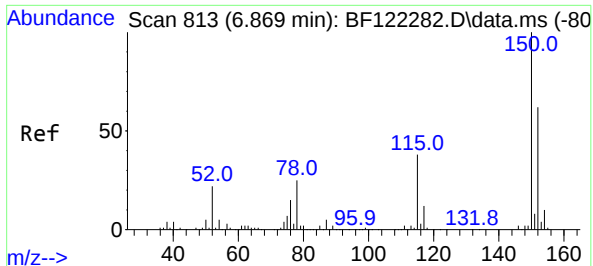
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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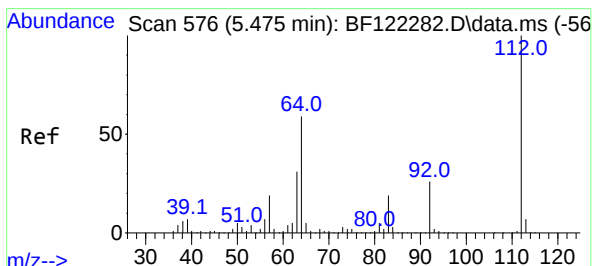
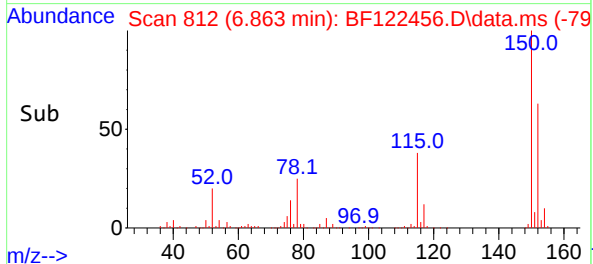
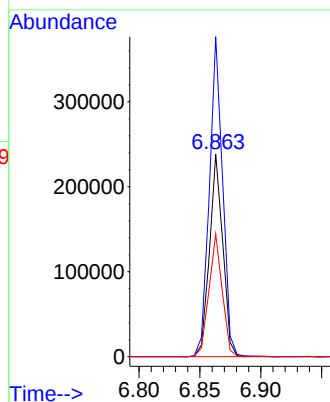
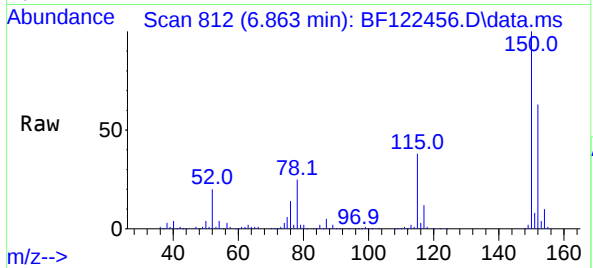




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

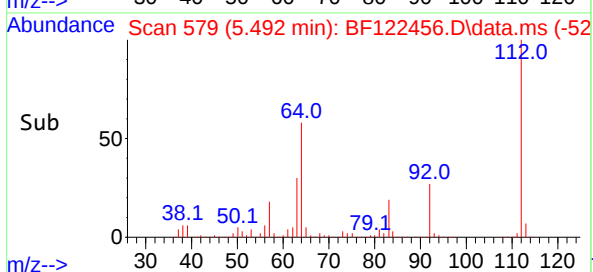
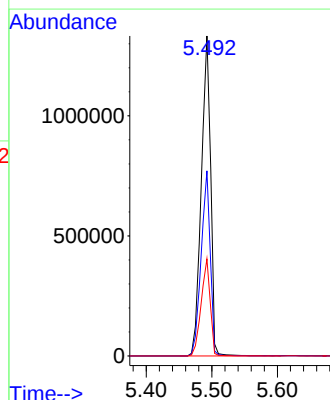
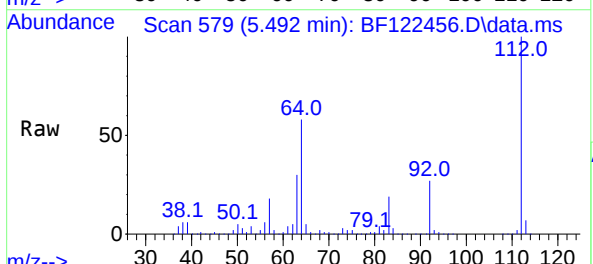
Instrument :
BNA_F
ClientSampleId :
TB-2C

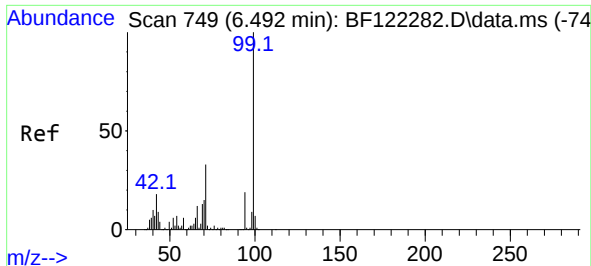
Tgt Ion:152 Resp: 180916
Ion Ratio Lower Upper
152 100
150 157.9 125.3 187.9
115 60.5 51.9 77.9



#5
2-Fluorophenol
Concen: 112.48 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion:112 Resp: 1325234
Ion Ratio Lower Upper
112 100
64 57.9 50.4 75.6
63 30.4 25.8 38.6



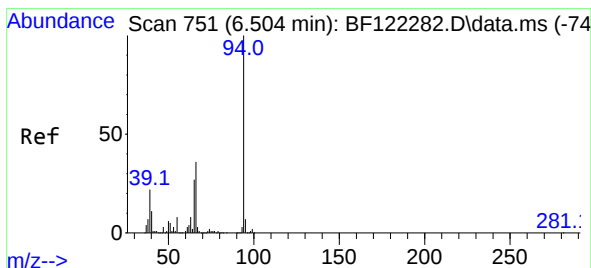
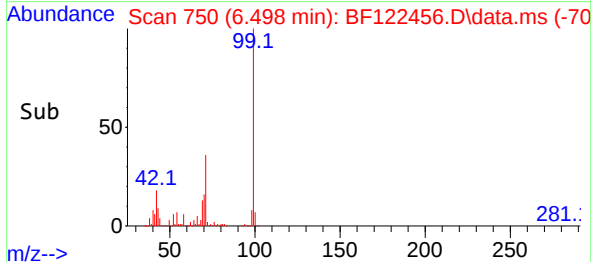
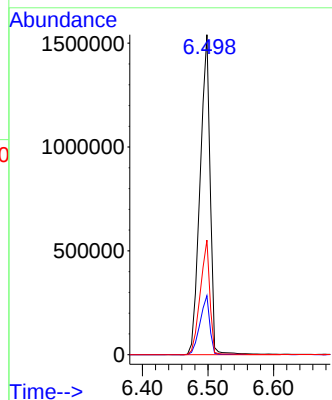
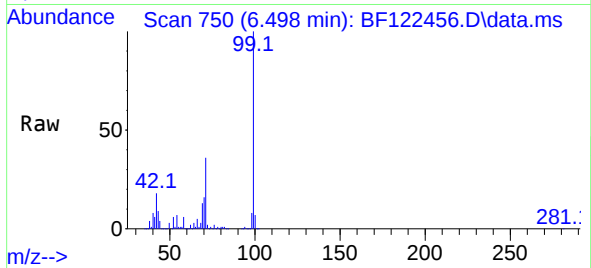


#7
Phenol-d6
Concen: 107.02 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Instrument :
BNA_F
ClientSampleId :
TB-2C

Tgt Ion: 99 Resp: 1649568

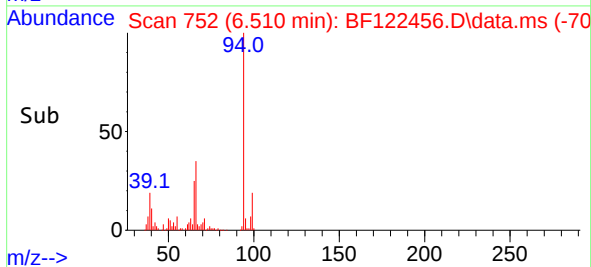
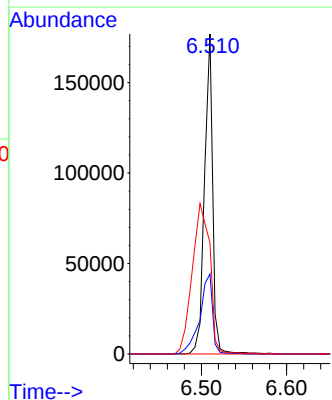
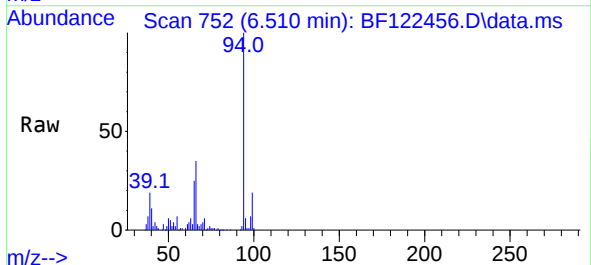
Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	35.8	27.1	40.7

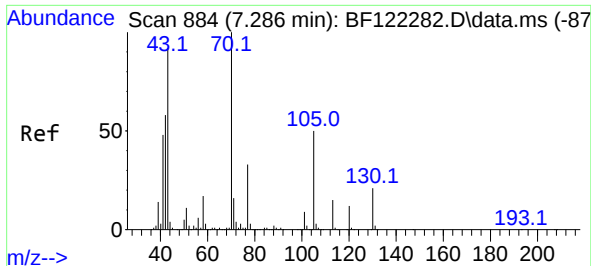


#10
Phenol
Concen: 7.80 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion: 94 Resp: 118351

Ion	Ratio	Lower	Upper
94	100		
65	25.0	17.1	57.1
66	34.7	36.0	76.0



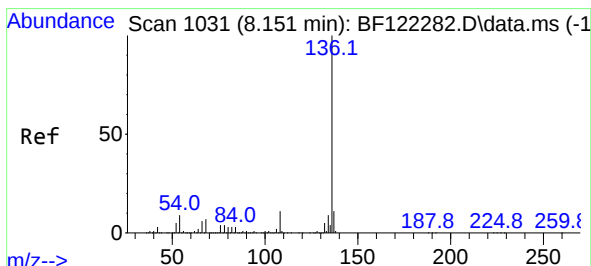
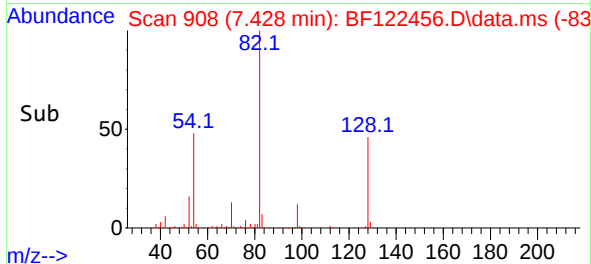
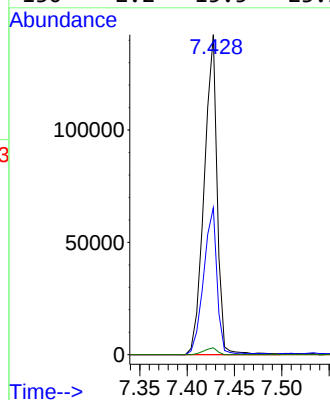
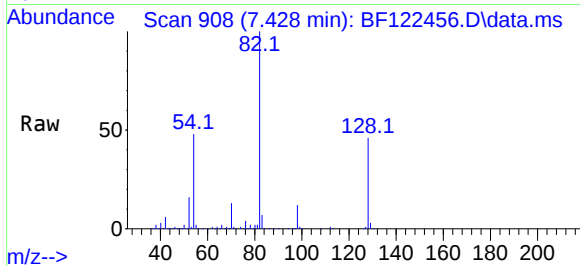


#19
n-Nitroso-di-n-propylamine
Concen: 14.77 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Instrument :
BNA_F
ClientSampleId :
TB-2C

Tgt Ion: 70 Resp: 136075

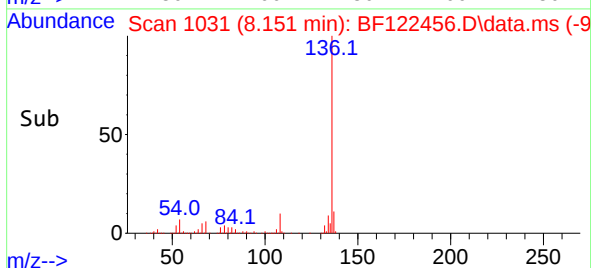
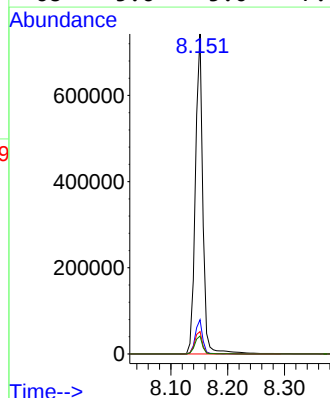
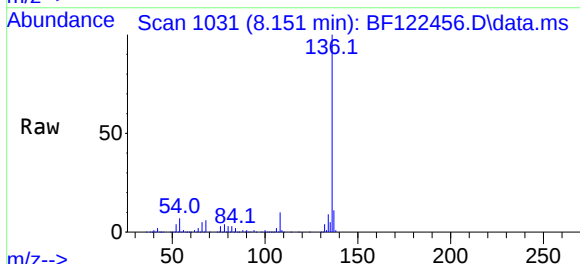
Ion	Ratio	Lower	Upper
70	100		
42	45.9	50.2	75.4#
101	0.0	7.5	11.3#
130	2.2	15.5	23.3#

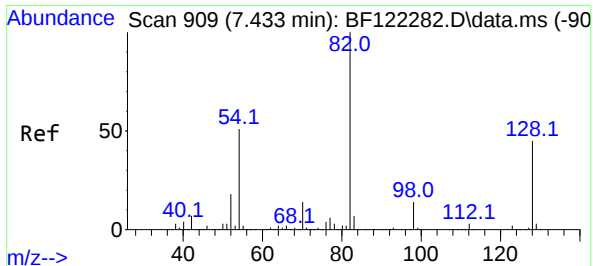


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion: 136 Resp: 680202

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.0	7.1	10.7#
68	5.6	5.0	7.4

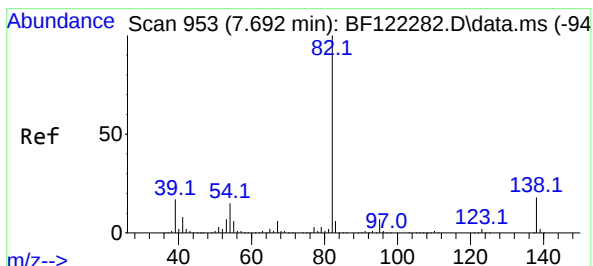
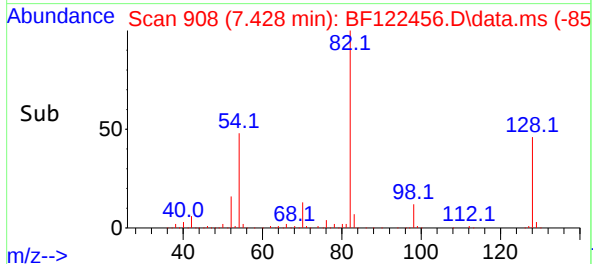
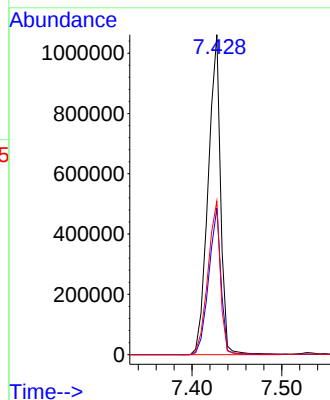
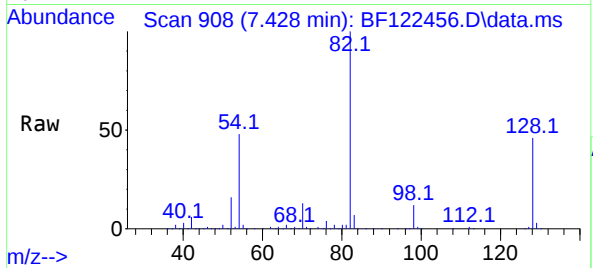




#23
Nitrobenzene-d5
Concen: 91.88 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

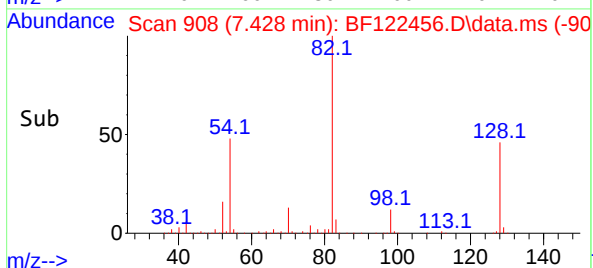
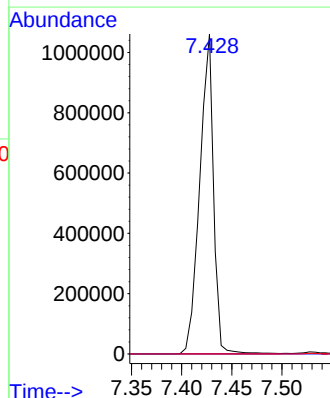
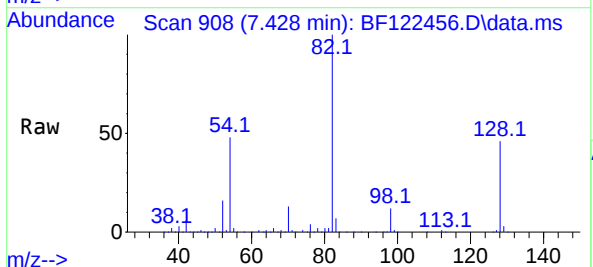
Instrument :
BNA_F
ClientSampleId :
TB-2C

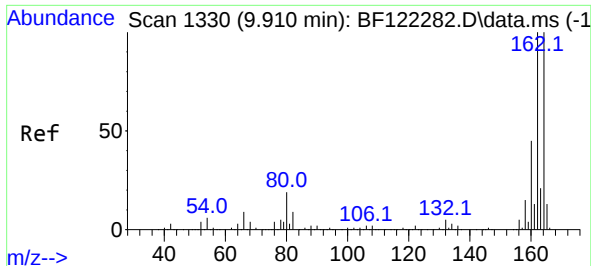
Tgt Ion: 82 Resp: 1020840
Ion Ratio Lower Upper
82 100
128 45.8 35.0 52.4
54 48.0 43.9 65.9



#25
Isophorone
Concen: 41.03 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion: 82 Resp: 1016241
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF122456.D

Acq: 23 Nov 2020 19:55

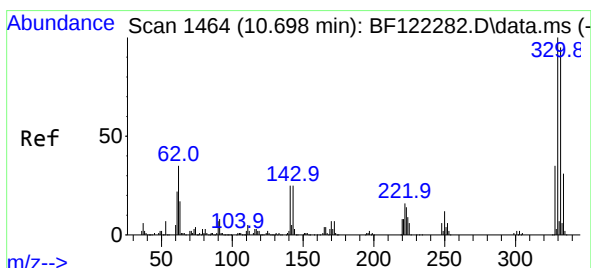
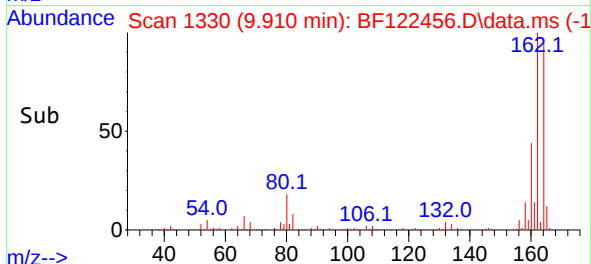
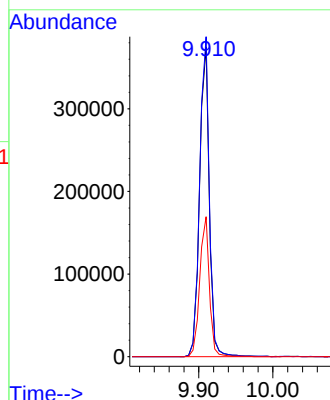
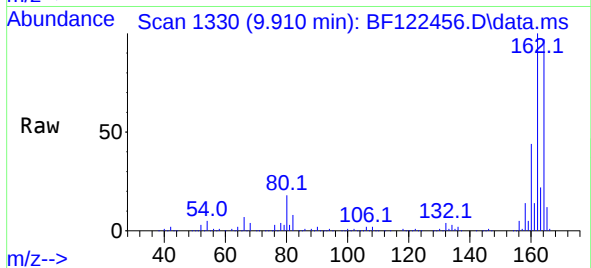
Tgt Ion:164 Resp: 340693

Ion Ratio Lower Upper

164 100

162 103.3 83.2 124.8

160 45.2 37.5 56.3



#42

2,4,6-Tribromophenol

Concen: 124.39 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF122456.D

Acq: 23 Nov 2020 19:55

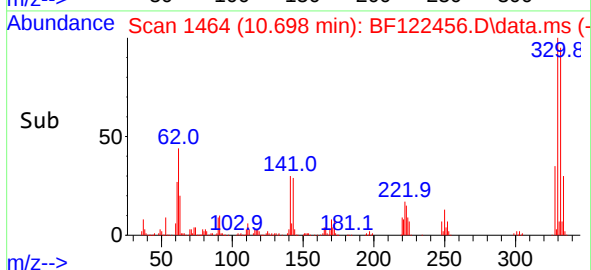
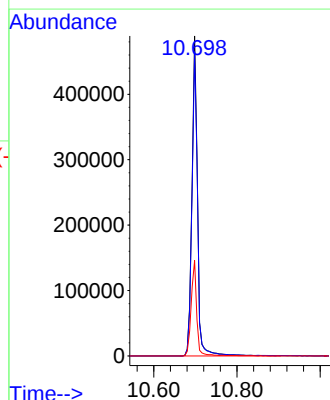
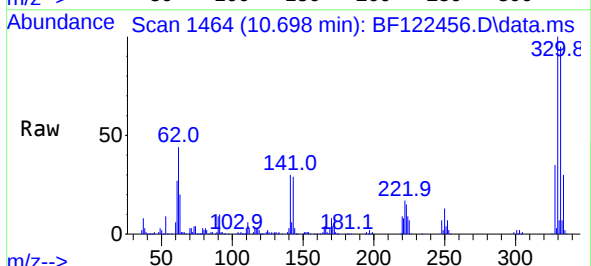
Tgt Ion:330 Resp: 454840

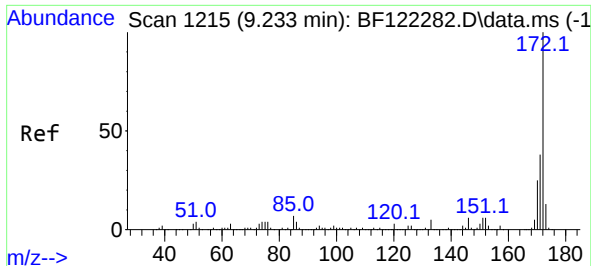
Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 29.9 22.3 33.5

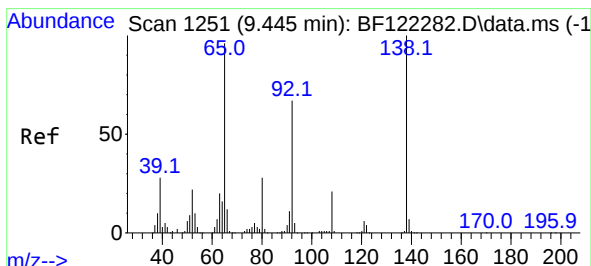
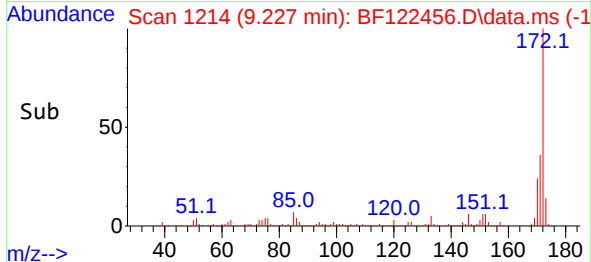
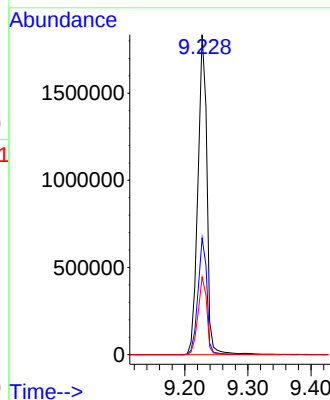
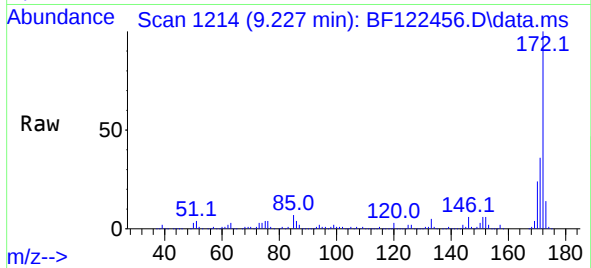




#45
2-Fluorobiphenyl
Concen: 83.65 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

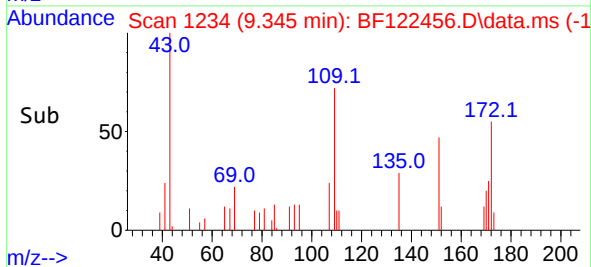
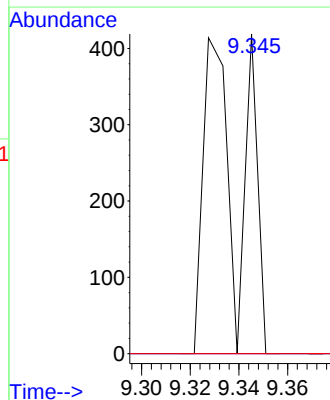
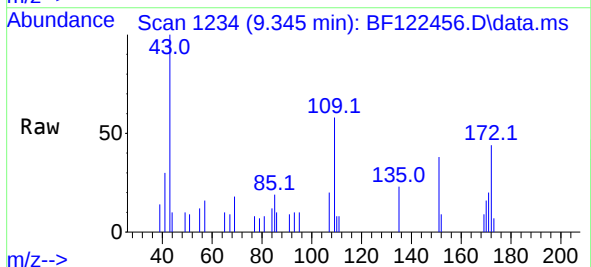
Instrument :
BNA_F
ClientSampled :
TB-2C

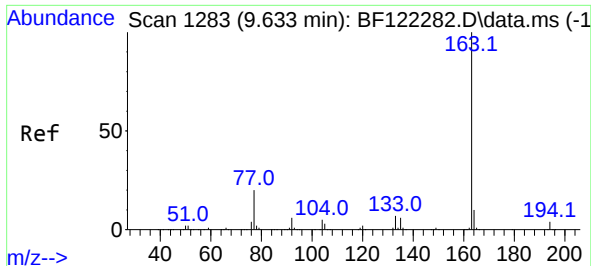
Tgt Ion:172 Resp: 1824032
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.3 19.8 29.6



#48
2-Nitroaniline
Concen: 5.23 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.112 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion: 65 Resp: 427
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#

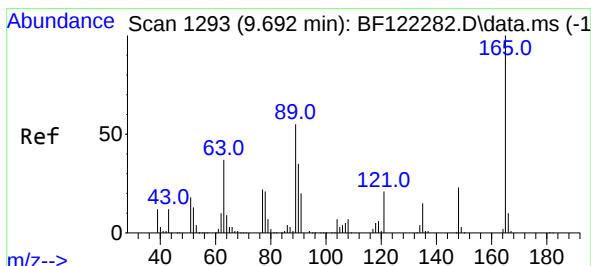
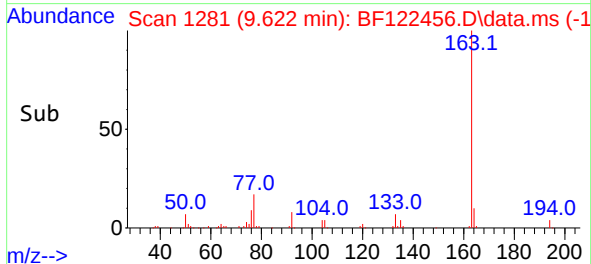
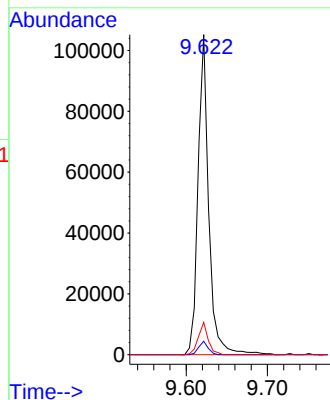
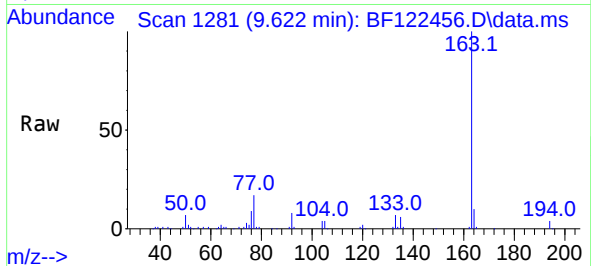




#50
Dimethylphthalate
Concen: 3.99 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

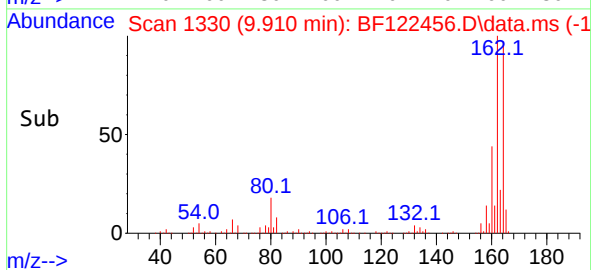
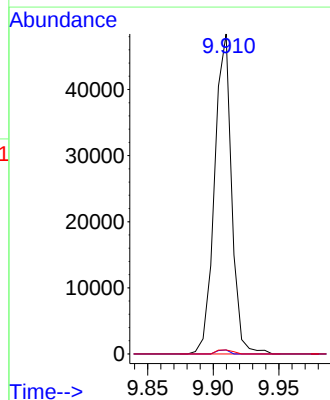
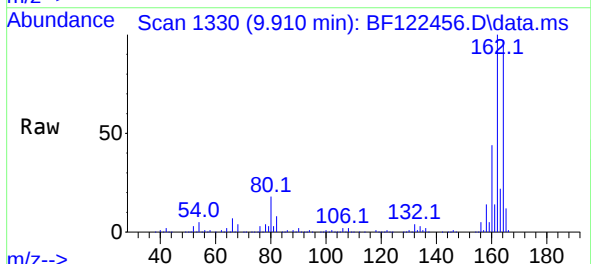
Instrument :
BNA_F
ClientSampleId :
TB-2C

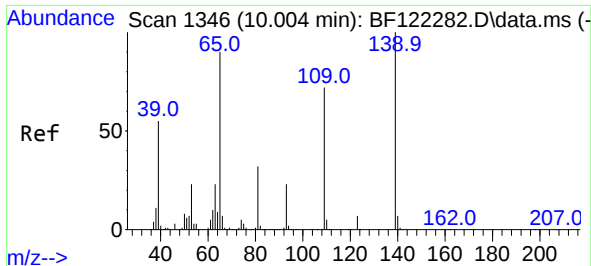
Tgt Ion:163 Resp: 96718
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.1 8.2 12.4



#51
2,6-Dinitrotoluene
Concen: 11.29 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion:165 Resp: 43754
Ion Ratio Lower Upper
165 100
63 1.2 51.8 77.6#
89 1.3 49.0 73.6#

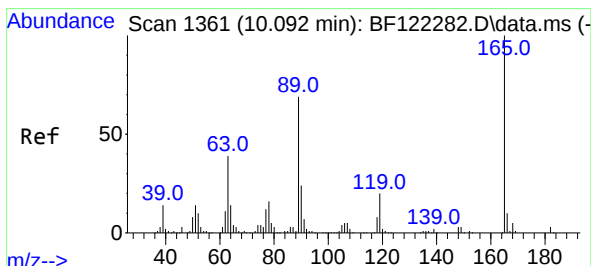
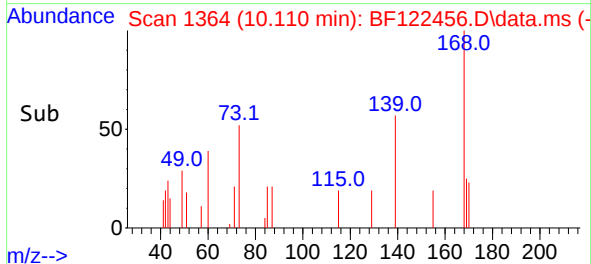
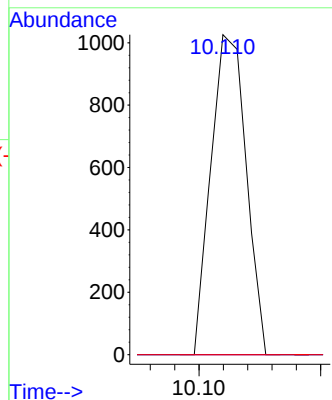
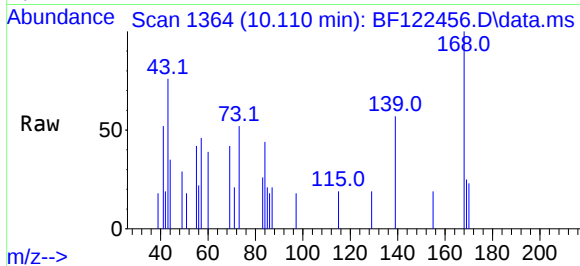




#56
4-Nitrophenol
Concen: 5.59 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.082 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

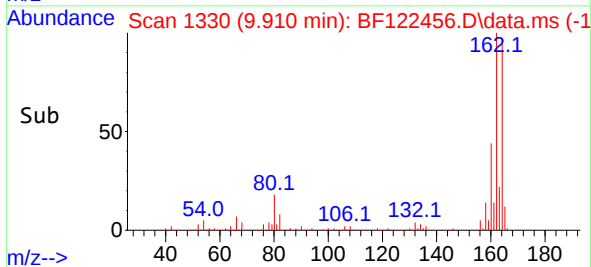
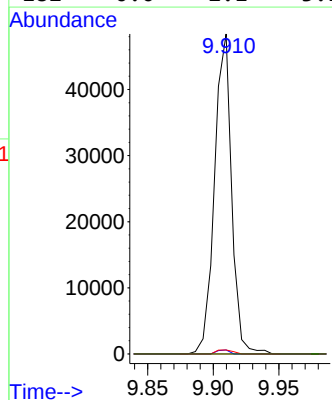
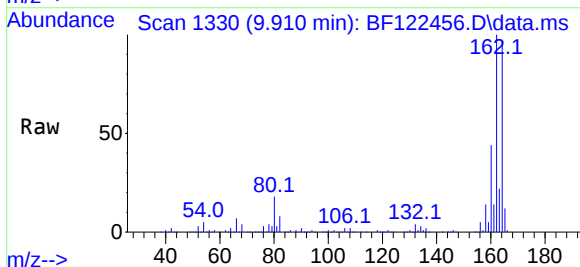
Instrument :
BNA_F
ClientSampled :
TB-2C

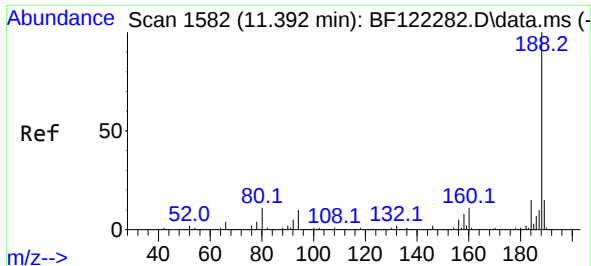
Tgt Ion:139	Resp:	1031
Ion	Ratio	Lower Upper
139	100	
109	0.0	45.4 85.4#
65	0.0	68.4 108.4#



#57
2,4-Dinitrotoluene
Concen: 10.53 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion:165	Resp:	43754
Ion	Ratio	Lower Upper
165	100	
63	1.2	41.3 61.9#
89	1.3	61.8 92.8#
182	0.0	2.1 3.1#



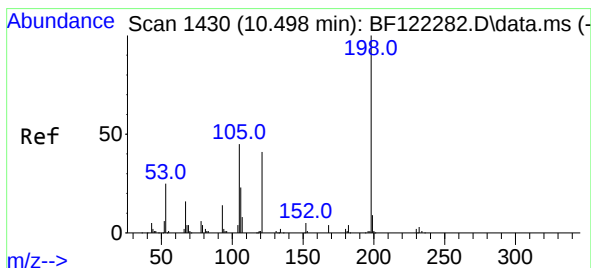
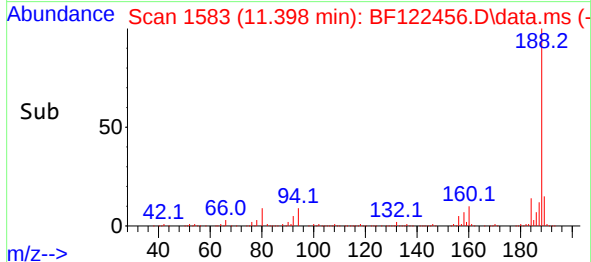
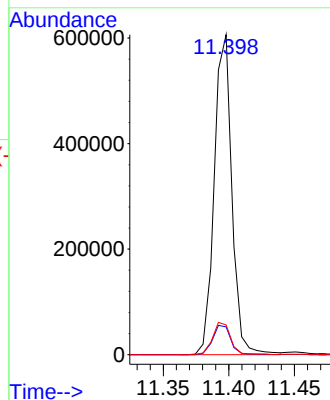
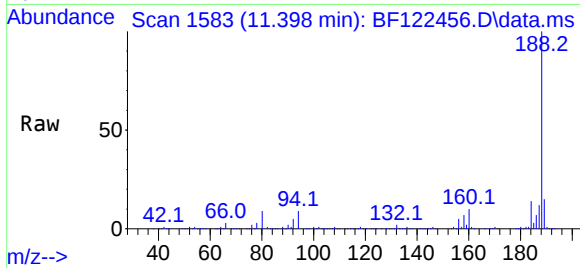


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Instrument :
BNA_F
ClientSampleId :
TB-2C

Tgt Ion:188 Resp: 566379

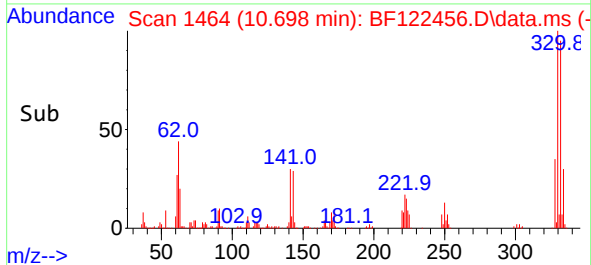
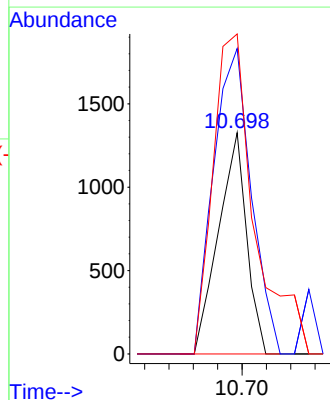
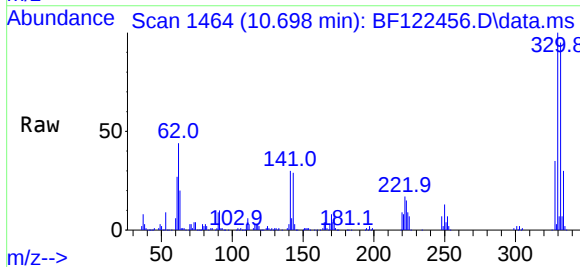
Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.3	12.5
80	9.3	9.1	13.7

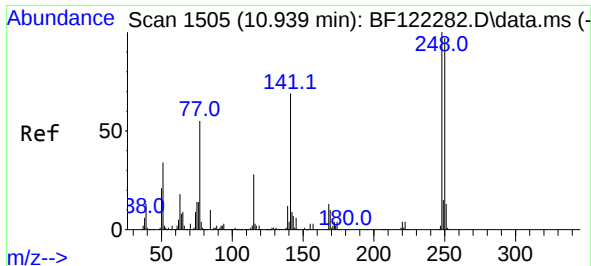


#65
4,6-Dinitro-2-methylphenol
Concen: 6.70 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.188 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion:198 Resp: 1067

Ion	Ratio	Lower	Upper
198	100		
51	138.1	29.6	69.6#
105	144.6	24.4	64.4#

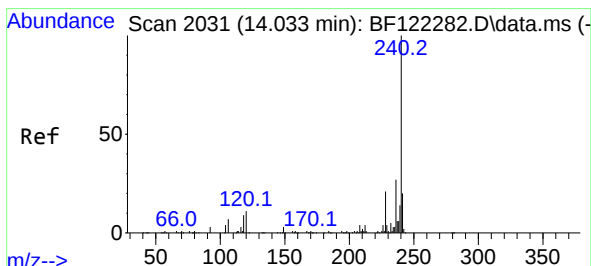
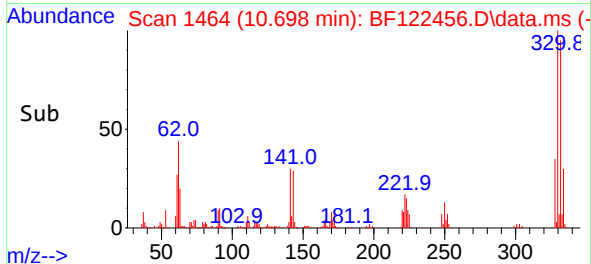
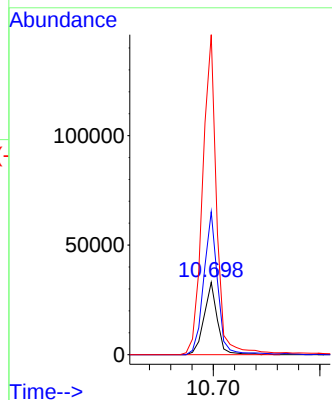
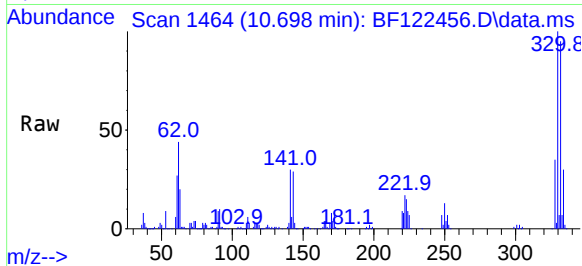




#67
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

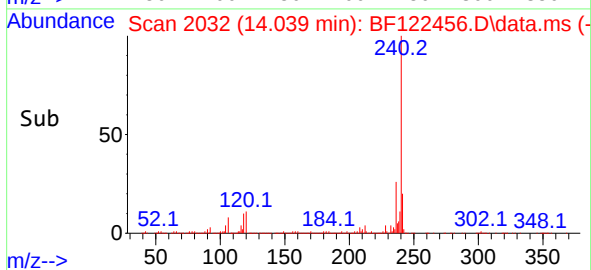
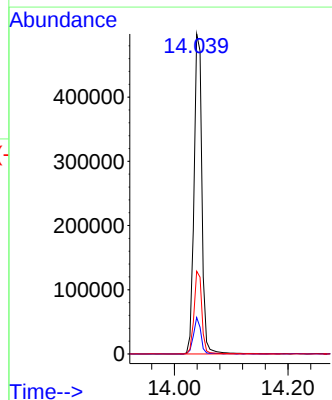
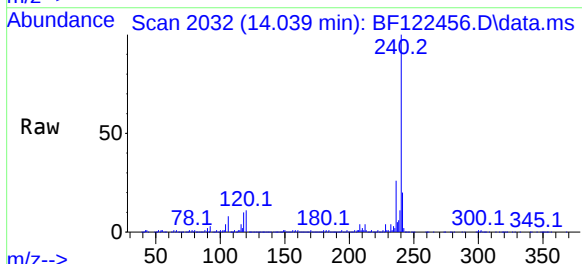
Instrument :
BNA_F
ClientSampled :
TB-2C

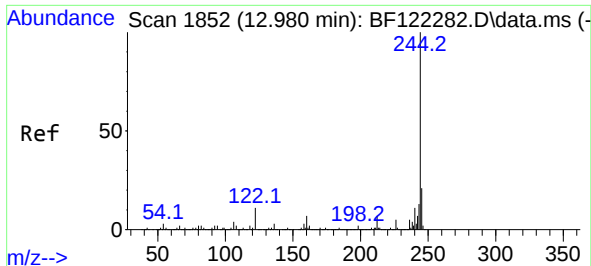
Tgt Ion:248 Resp: 28686
Ion Ratio Lower Upper
248 100
250 197.4 77.0 115.6#
141 442.2 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion:240 Resp: 482240
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.9 20.9 31.3

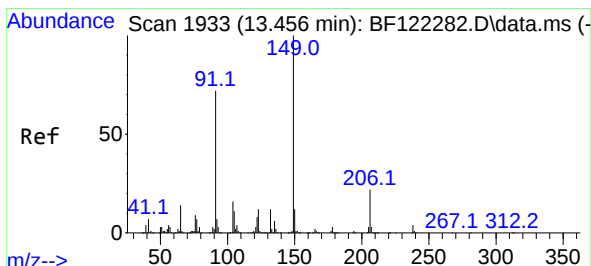
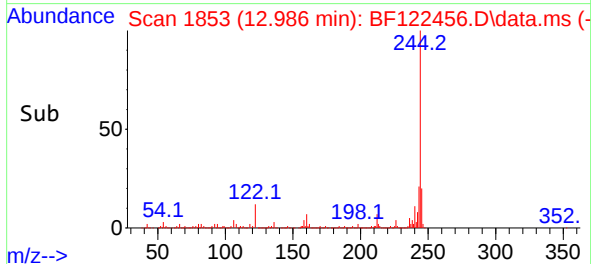
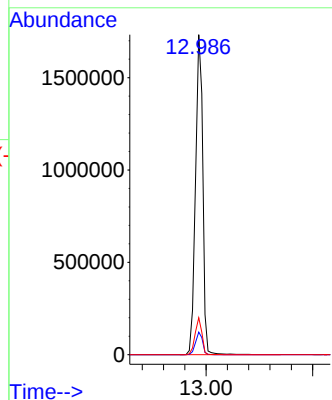
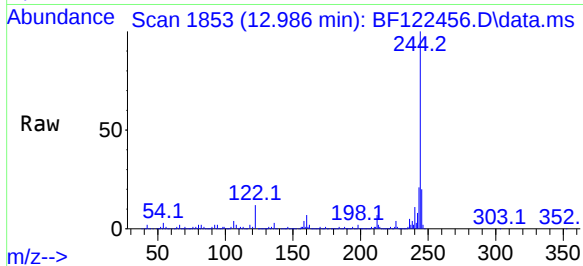




#79
 Terphenyl-d14
 Concen: 72.22 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF122456.D
 Acq: 23 Nov 2020 19:55

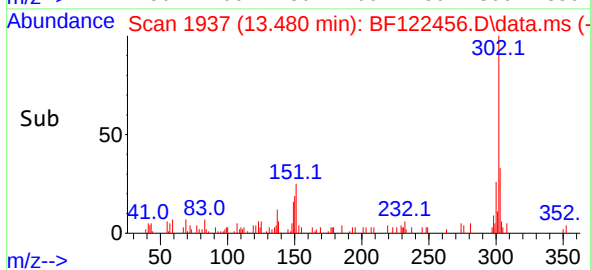
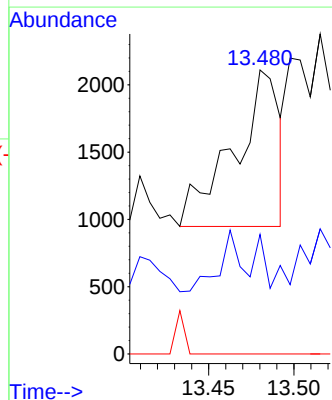
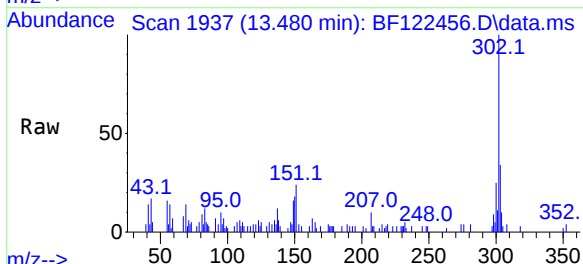
Instrument :
 BNA_F
 ClientSampleId :
 TB-2C

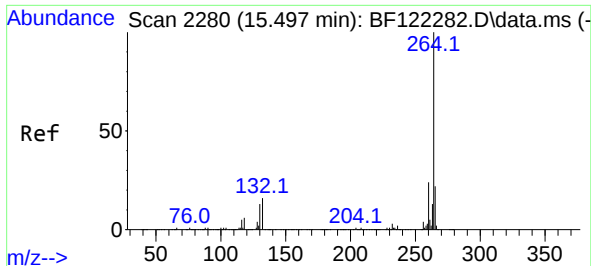
Tgt Ion:244 Resp: 1644055
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.6 8.1 12.1



#80
 Butylbenzylphthalate
 Concen: 3.44 ng
 RT: 13.480 min Scan# 1937
 Delta R.T. 0.012 min
 Lab File: BF122456.D
 Acq: 23 Nov 2020 19:55

Tgt Ion:149 Resp: 2152
 Ion Ratio Lower Upper
 149 100
 91 42.1 61.0 91.4#
 206 0.0 16.7 25.1#



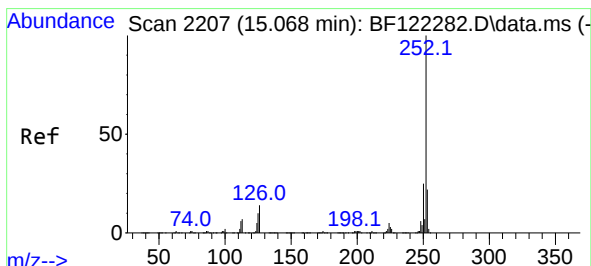
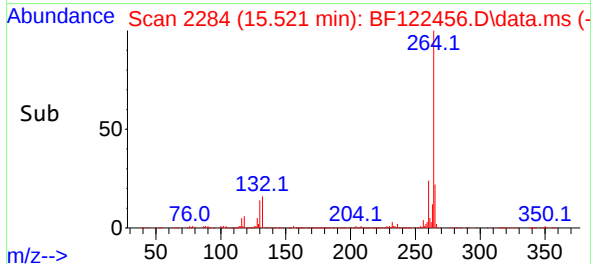
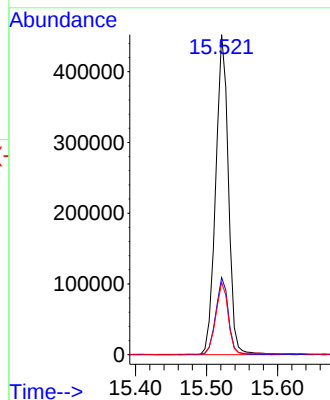
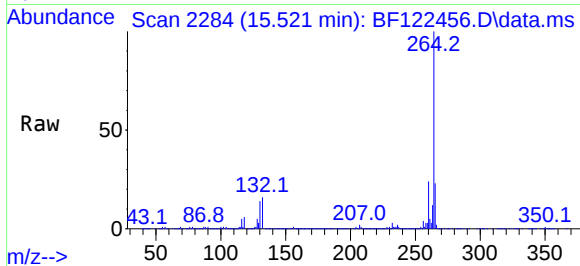


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Instrument :
BNA_F
ClientSampled :
TB-2C

Tgt Ion:264 Resp: 560821

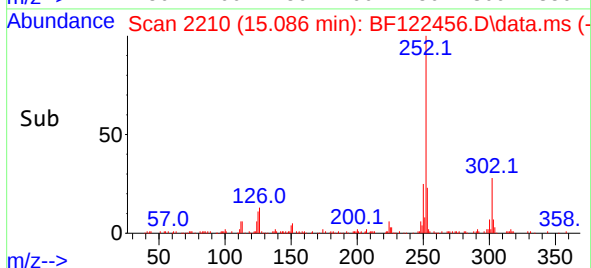
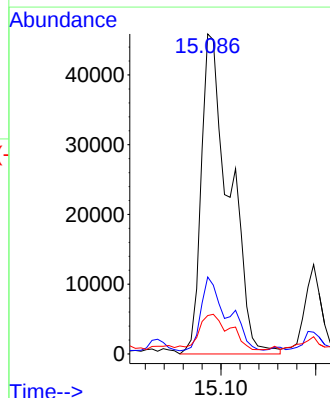
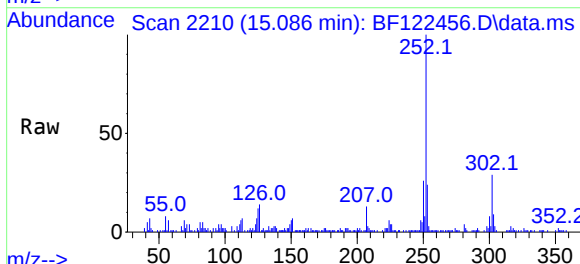
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	22.6	17.3	25.9

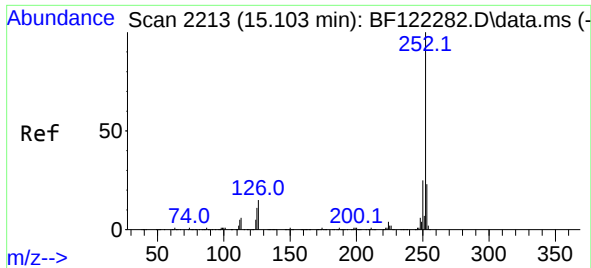


#88
Benzo(b)fluoranthene
Concen: 2.60 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Tgt Ion:252 Resp: 94456

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.0	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 2.67 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.047 min
Lab File: BF122456.D
Acq: 23 Nov 2020 19:55

Instrument :
BNA_F
ClientSampleId :
TB-2C

Tgt Ion:252 Resp: 94456
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 12.0 7.7 11.5#

