

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122773.D
 Acq On : 17 Dec 2020 19:39
 Operator : JU/CG
 Sample : L5119-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-W

Quant Time: Dec 18 01:44:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

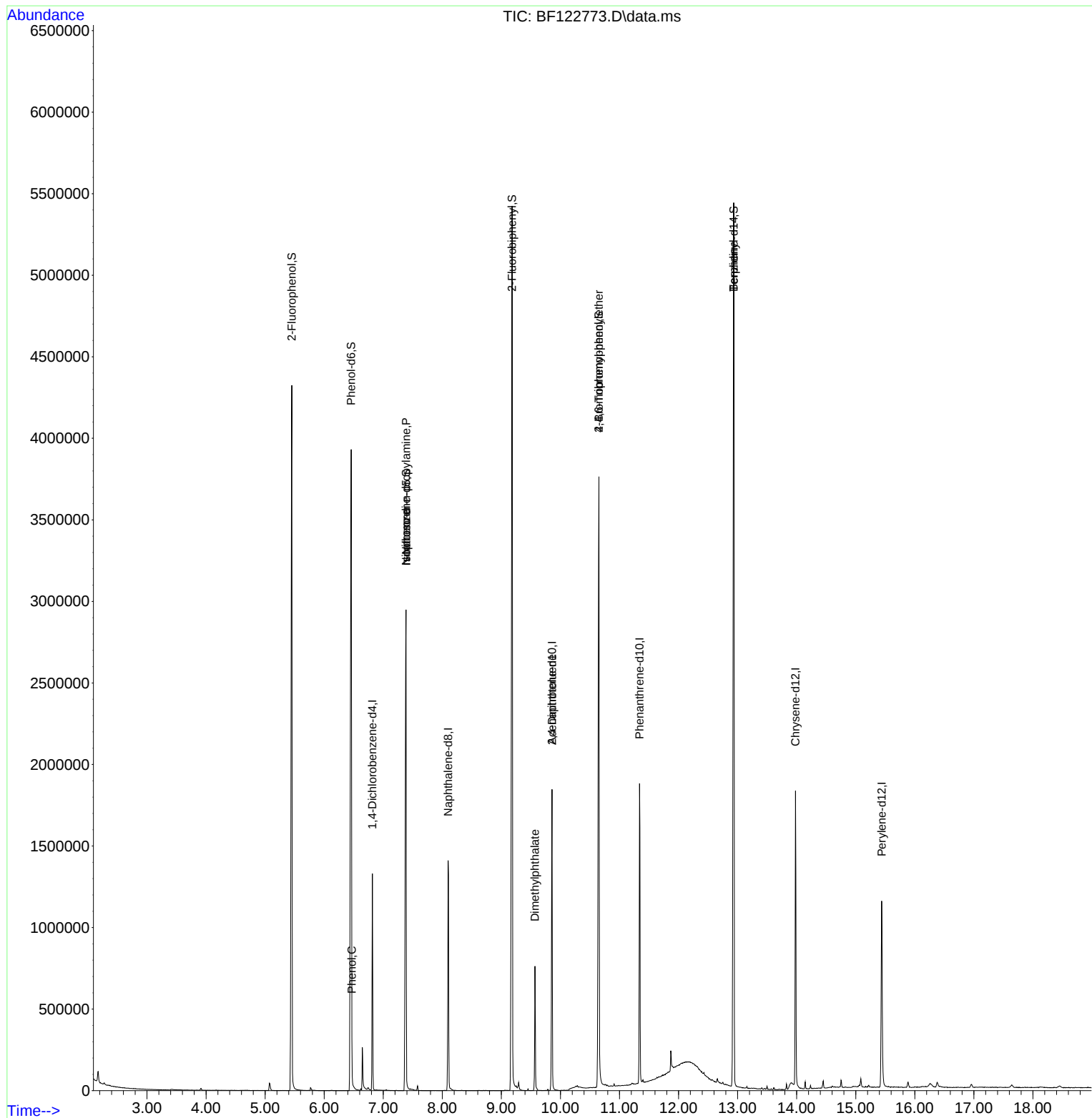
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	186278	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	739794	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	389859	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	719057	20.00	ng	0.00
76) Chrysene-d12	13.980	240	638069	20.00	ng	0.00
86) Perylene-d12	15.439	264	583078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1511408	128.45	ng	0.02
7) Phenol-d6	6.457	99	1920664	123.08	ng	0.00
23) Nitrobenzene-d5	7.386	82	1217501	82.45	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	636123	124.65	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2114614	73.36	ng	0.00
79) Terphenyl-d14	12.933	244	2250912	61.75	ng	0.00
Target Compounds						
10) Phenol	6.469	94	69331	4.29	ng	Qvalue 84
19) n-Nitroso-di-n-propyla...	7.386	70	163101	18.25	ng	# 75
25) Isophorone	7.386	82	1217489	47.87	ng	# 65
50) Dimethylphthalate	9.569	163	315556	10.13	ng	99
57) 2,4-Dinitrotoluene	9.857	165	50004	5.71	ng	# 25
67) 4-Bromophenyl-phenylether	10.651	248	38217	3.92	ng	# 1
77) Benzidine	12.933	184	28470	2.06	ng	# 93

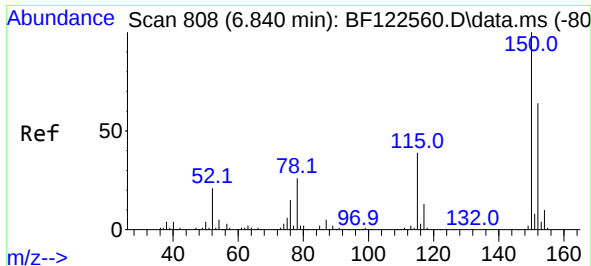
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 18 01:44:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

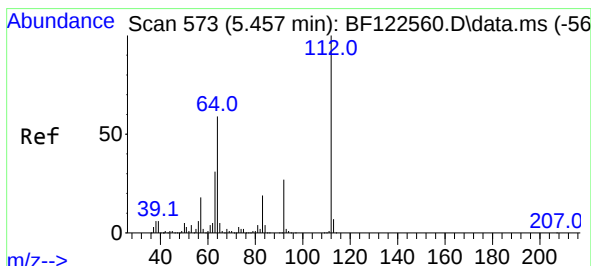
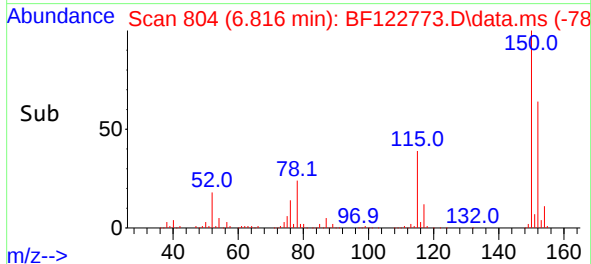
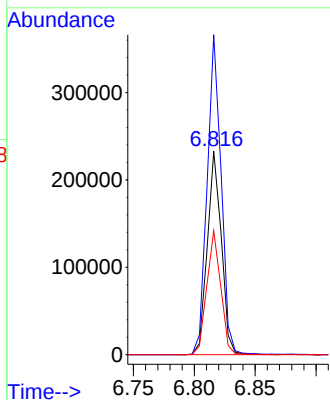
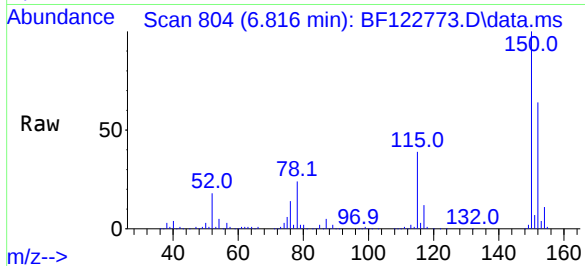




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

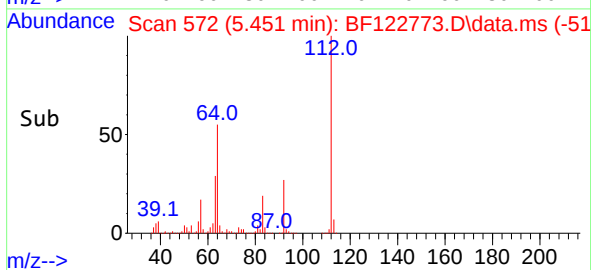
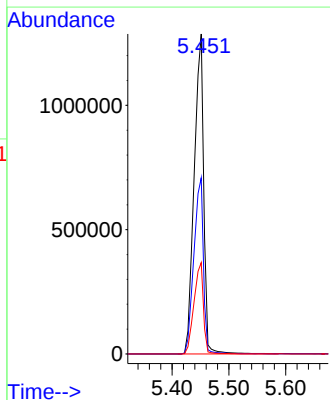
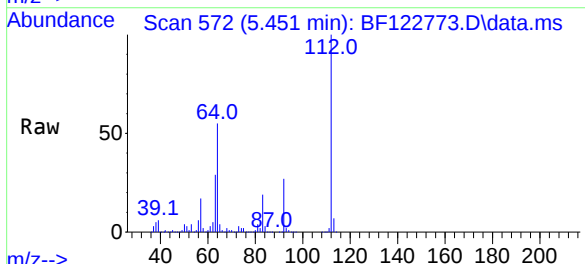
Instrument :
BNA_F
ClientSampleId :
B-W

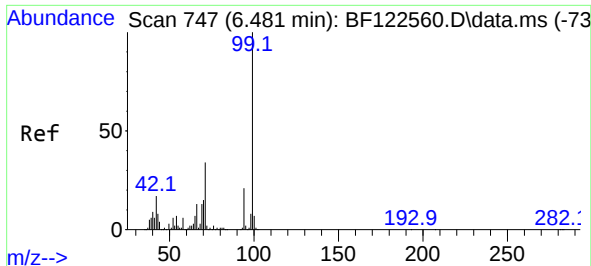
Tgt Ion:152 Resp: 186278
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 60.9 49.3 73.9



#5
2-Fluorophenol
Concen: 128.45 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion:112 Resp: 1511408
Ion Ratio Lower Upper
112 100
64 55.1 46.9 70.3
63 28.6 24.5 36.7



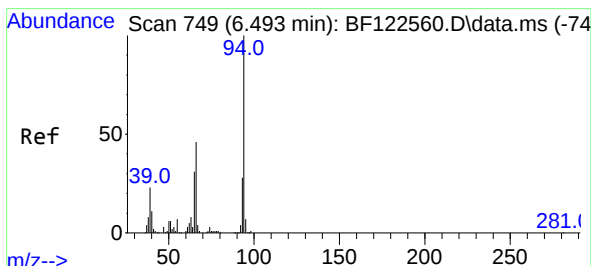
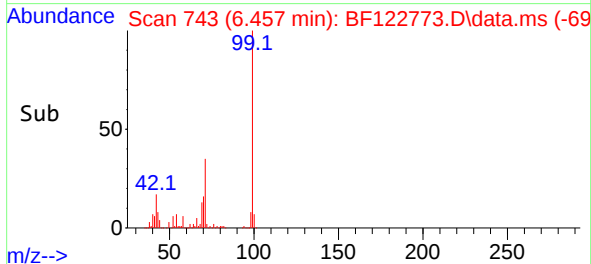
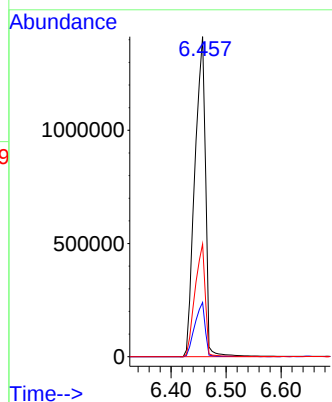
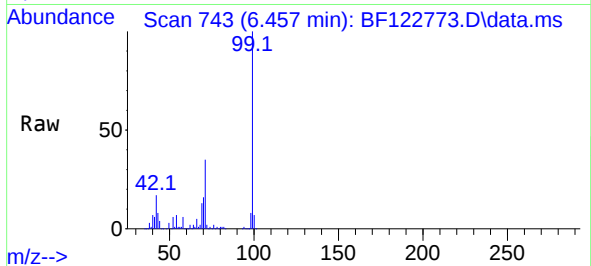


#7
Phenol-d6
Concen: 123.08 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Instrument :
BNA_F
ClientSampleId :
B-W

Tgt Ion: 99 Resp: 1920664

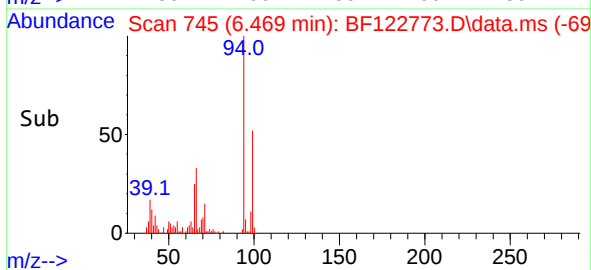
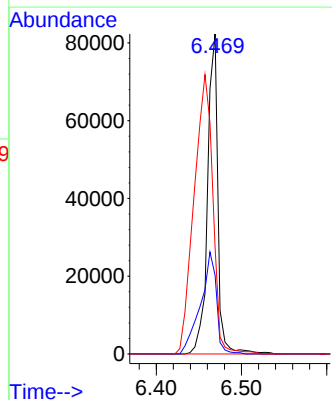
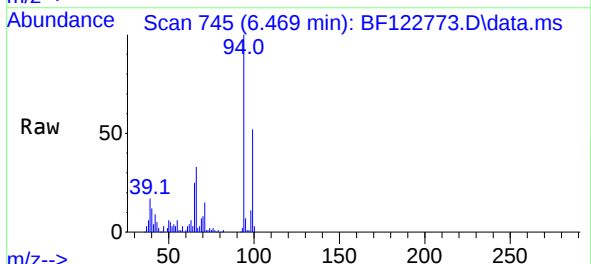
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	35.2	26.9	40.3

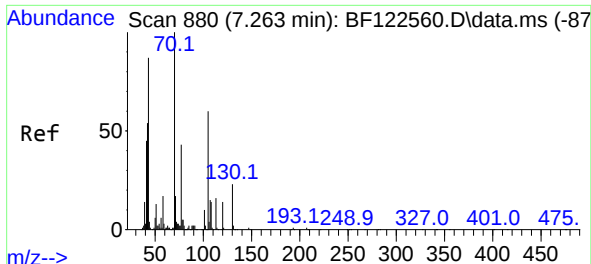


#10
Phenol
Concen: 4.29 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion: 94 Resp: 69331

Ion	Ratio	Lower	Upper
94	100		
65	24.6	11.2	51.2
66	33.4	25.8	65.8



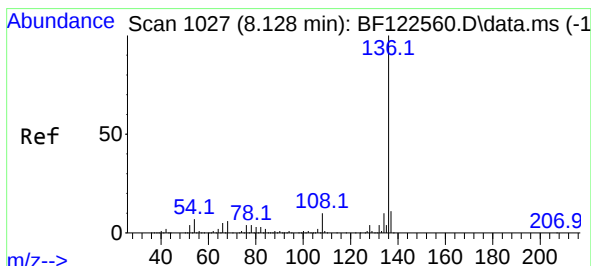
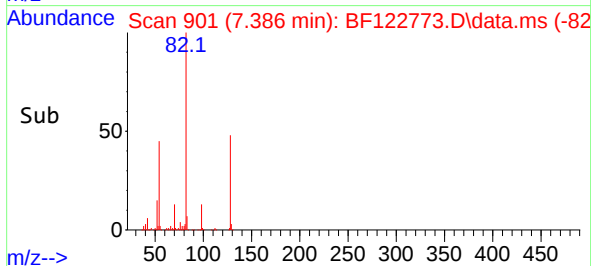
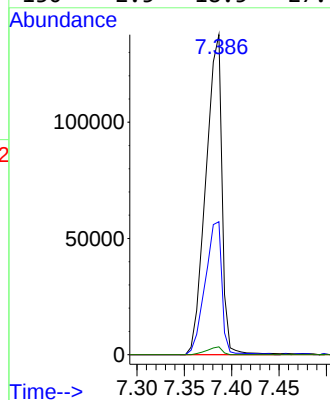
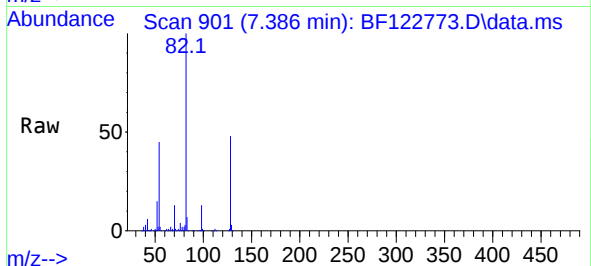


#19
n-Nitroso-di-n-propylamine
Concen: 18.25 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Instrument :
BNA_F
ClientSampled :
B-W

Tgt Ion: 70 Resp: 163101

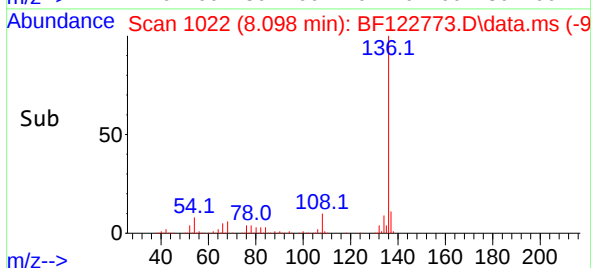
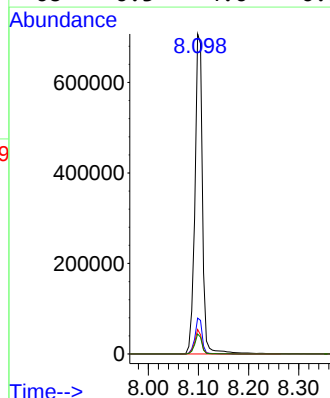
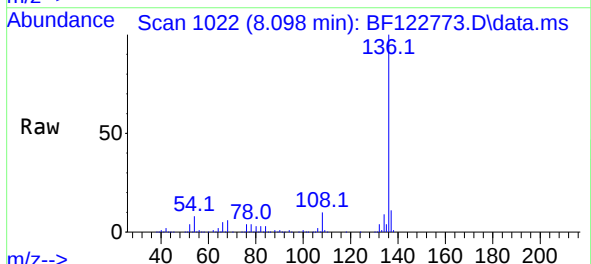
Ion	Ratio	Lower	Upper
70	100		
42	41.6	43.0	64.4#
101	0.0	7.9	11.9#
130	2.5	18.5	27.7#

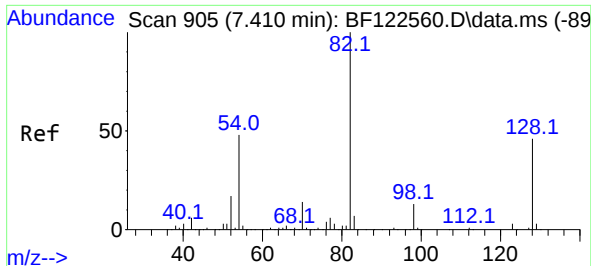


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion: 136 Resp: 739794

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.6	5.5	8.3
68	6.3	4.6	6.8



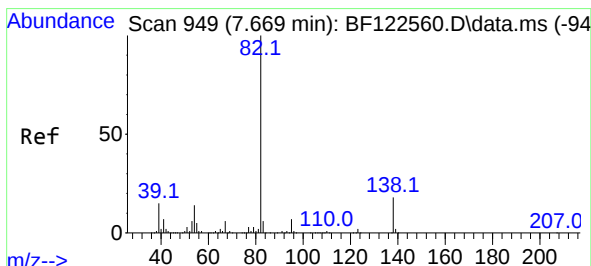
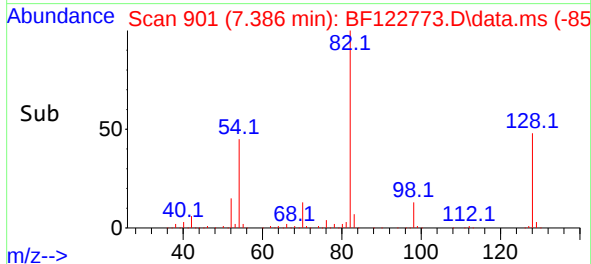
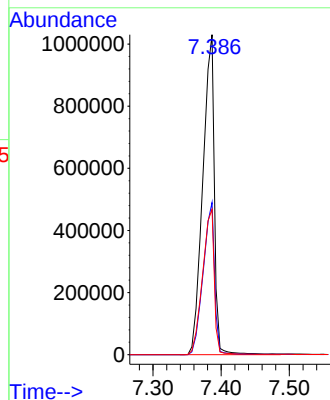
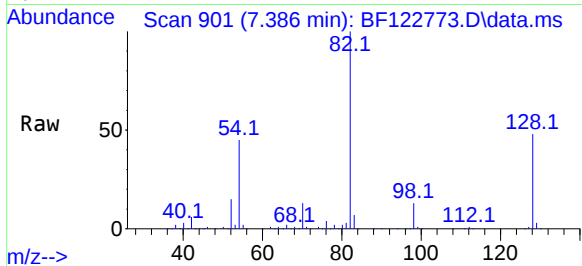


#23
Nitrobenzene-d5
Concen: 82.45 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Instrument :
BNA_F
ClientSampleId :
B-W

Tgt Ion: 82 Resp: 1217501

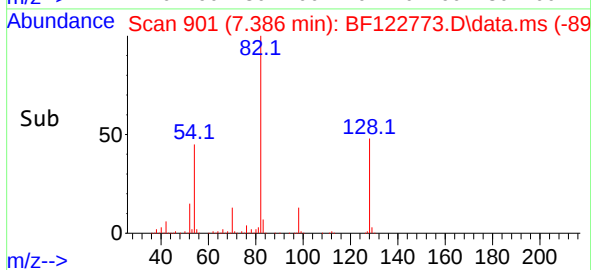
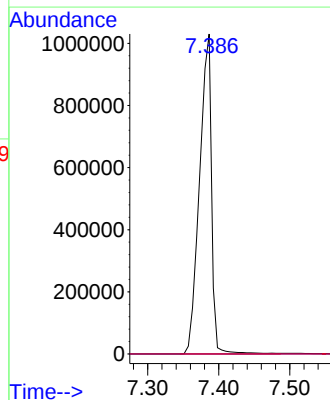
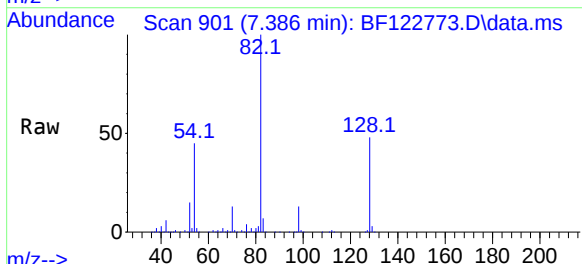
Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.0	55.4
54	45.4	38.4	57.6

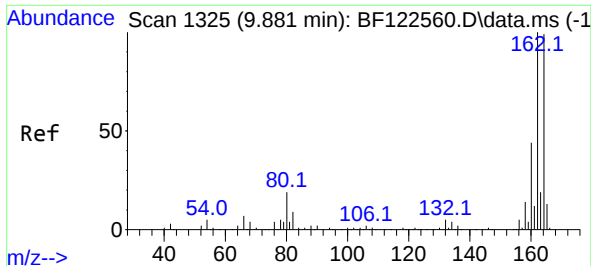


#25
Isophorone
Concen: 47.87 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion: 82 Resp: 1217489

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

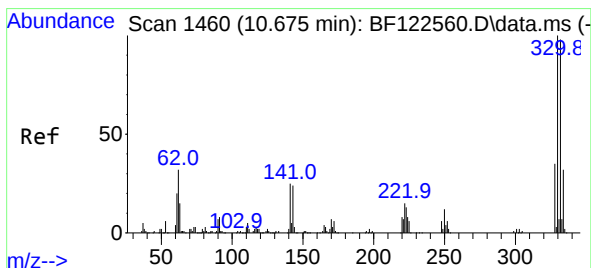
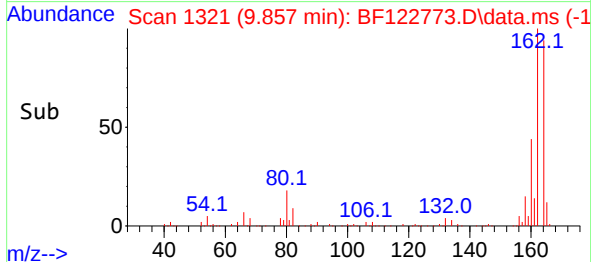
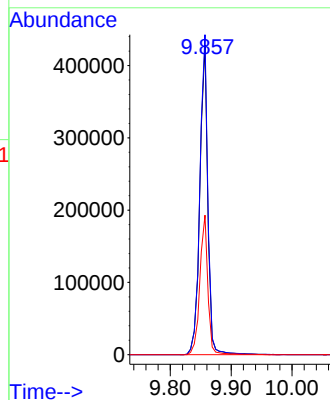
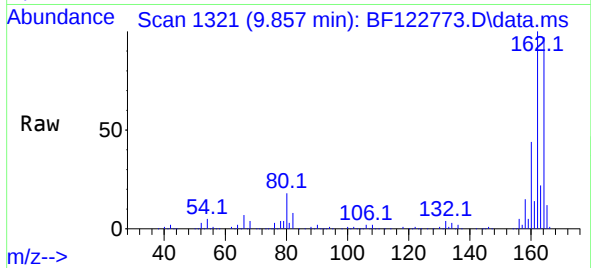




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

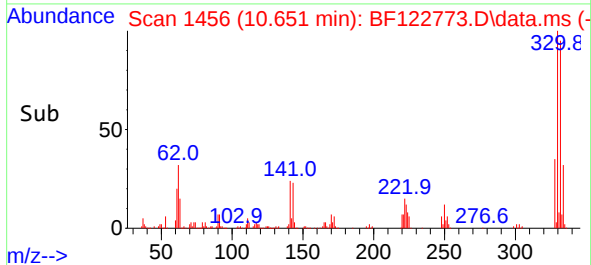
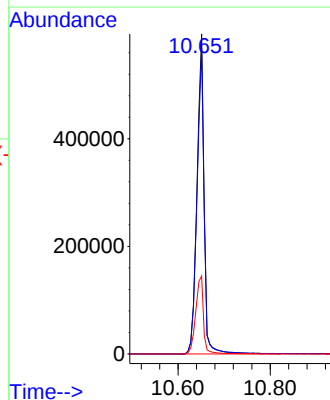
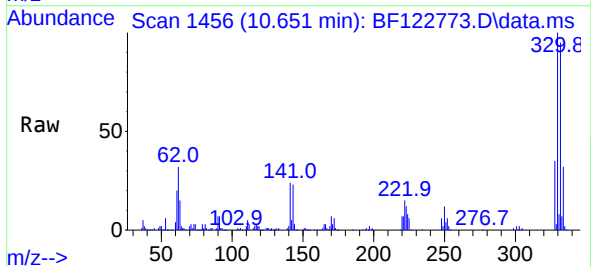
Instrument :
BNA_F
ClientSampleId :
B-W

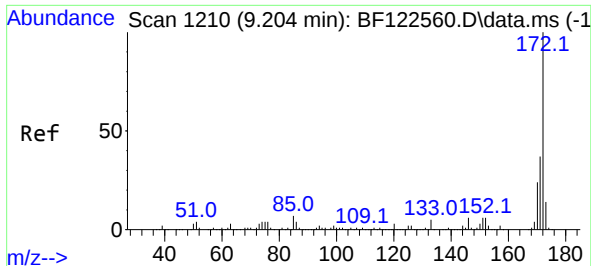
Tgt Ion:164 Resp: 389859
Ion Ratio Lower Upper
164 100
162 103.3 80.8 121.2
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 124.65 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion:330 Resp: 636123
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 26.9 23.8 35.8

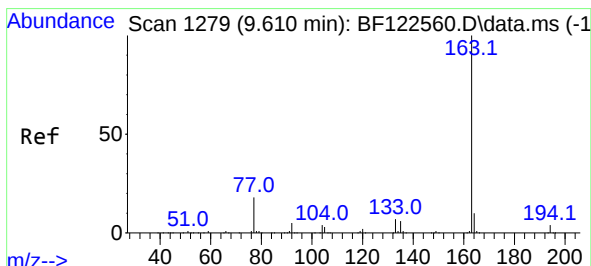
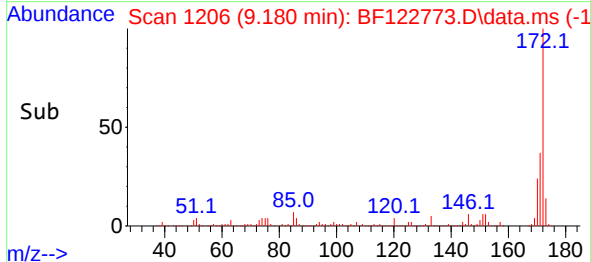
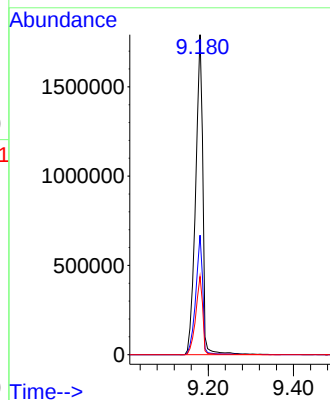
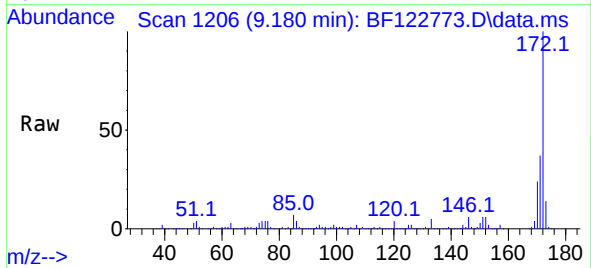




#45
2-Fluorobiphenyl
Concen: 73.36 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

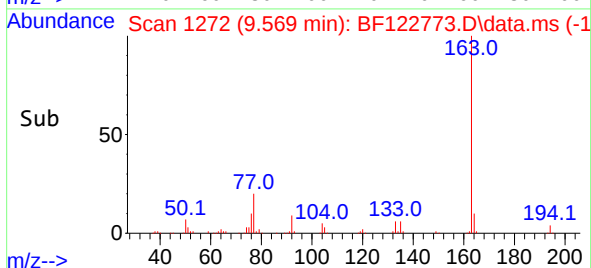
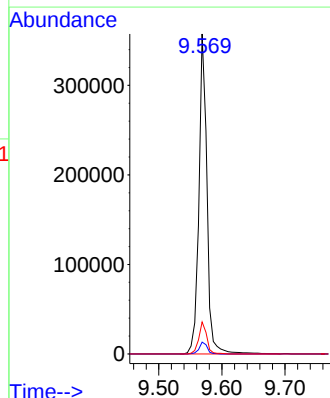
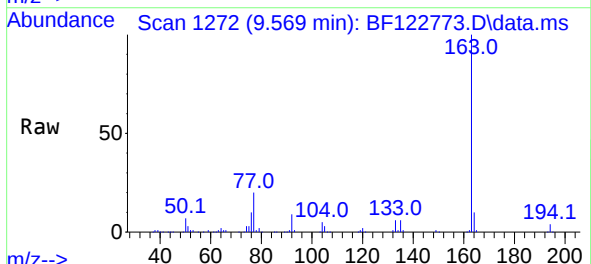
Instrument :
BNA_F
ClientSampled :
B-W

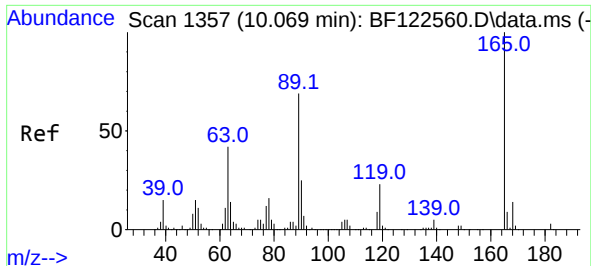
Tgt Ion:172 Resp: 2114614
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.5 19.5 29.3



#50
Dimethylphthalate
Concen: 10.13 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion:163 Resp: 315556
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.0 8.1 12.1

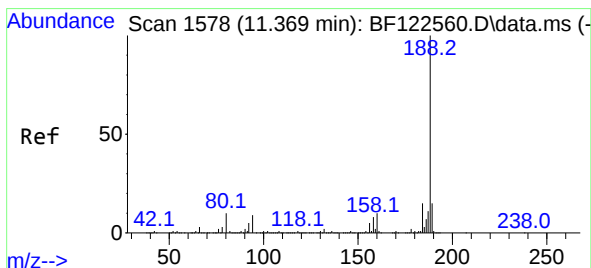
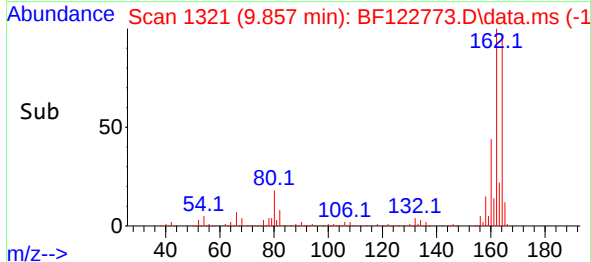
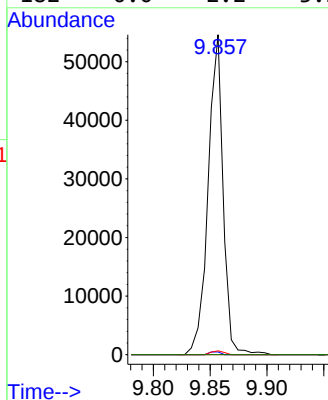
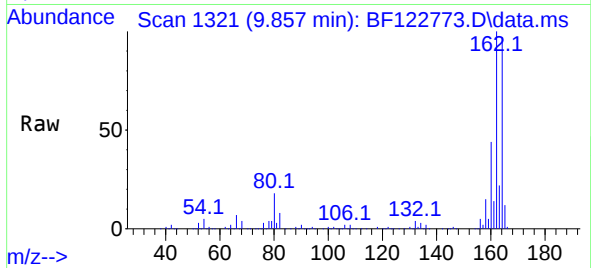




#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

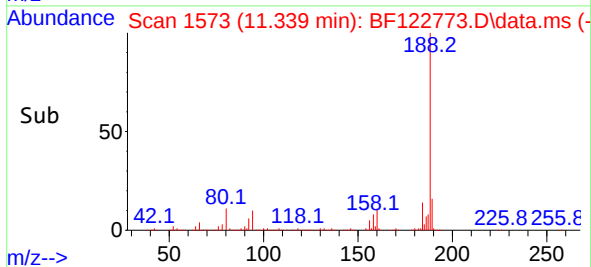
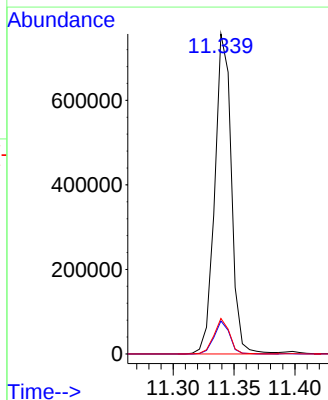
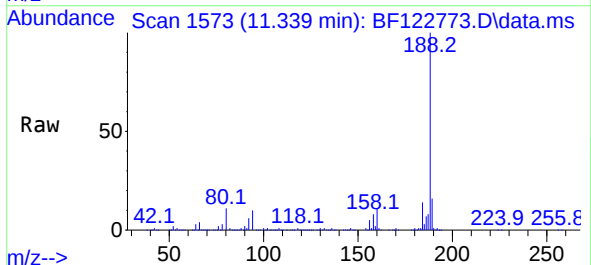
Instrument :
BNA_F
ClientSampleId :
B-W

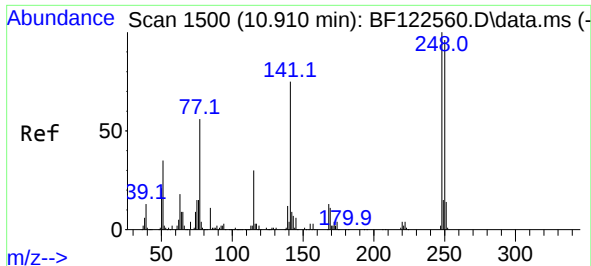
Tgt Ion:165	Resp:	50004
Ion Ratio	Lower	Upper
165	100	
63	0.9	34.3 51.5#
89	1.2	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion:188	Resp:	719057
Ion Ratio	Lower	Upper
188	100	
94	10.3	7.4 11.2
80	11.1	8.2 12.4

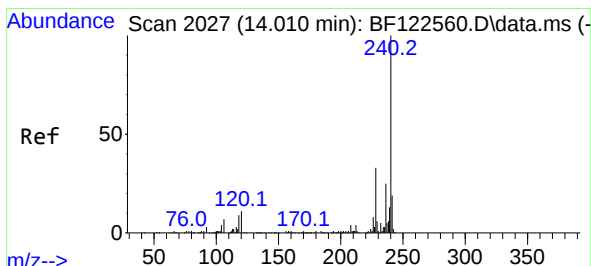
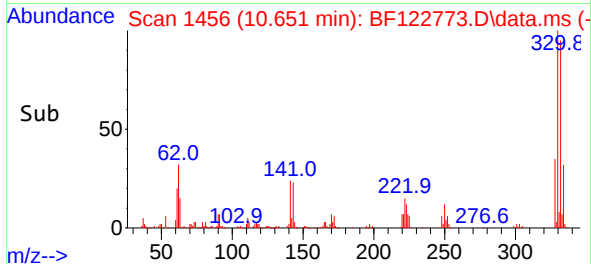
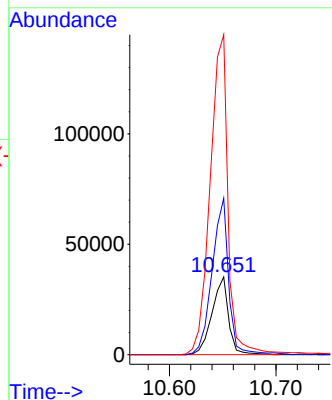
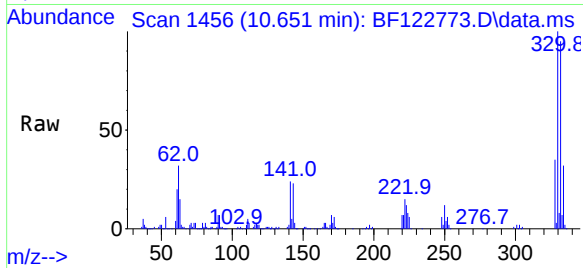




#67
4-Bromophenyl-phenylether
Concen: 3.92 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

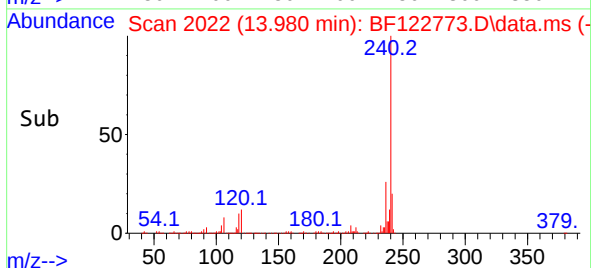
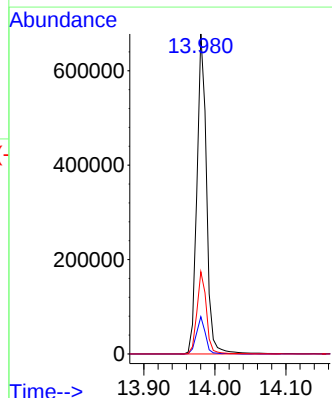
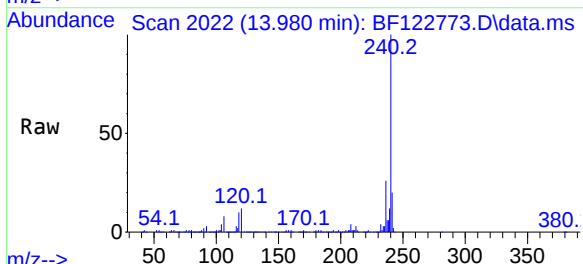
Instrument :
BNA_F
ClientSampled :
B-W

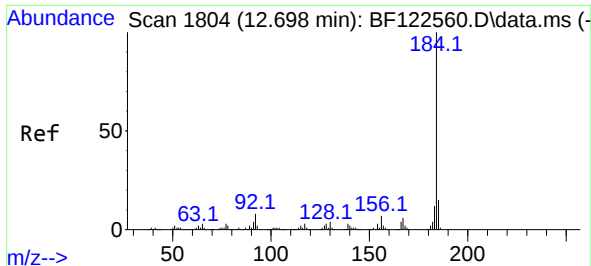
Tgt Ion:248 Resp: 38217
Ion Ratio Lower Upper
248 100
250 201.2 76.8 115.2#
141 411.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion:240 Resp: 638069
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 25.7 20.3 30.5

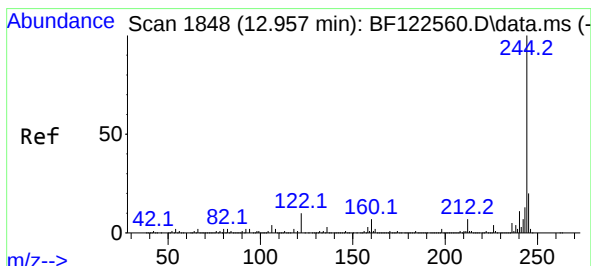
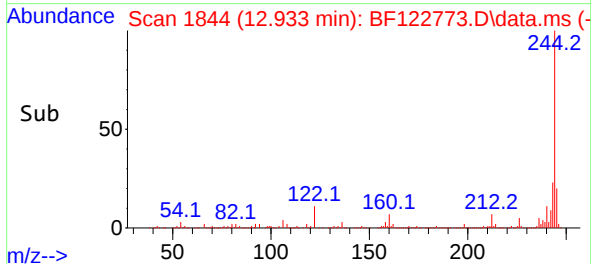
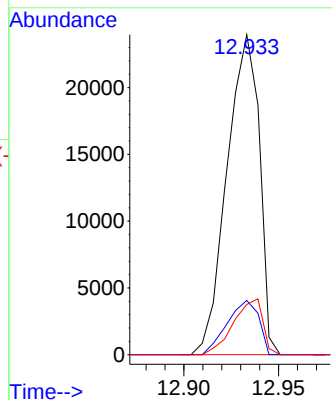
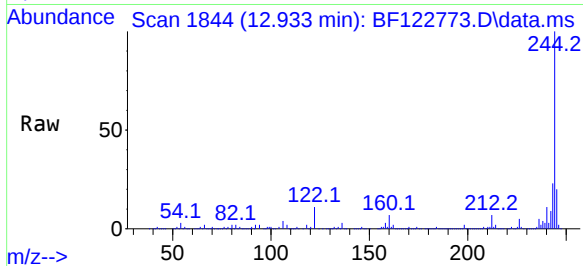




#77
Benzidine
Concen: 2.06 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

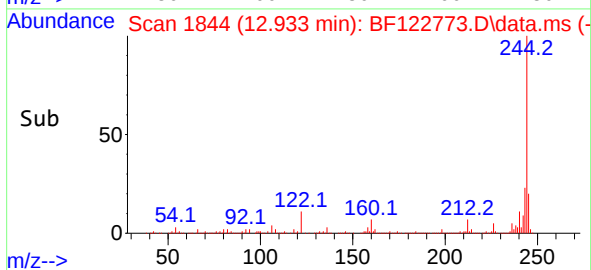
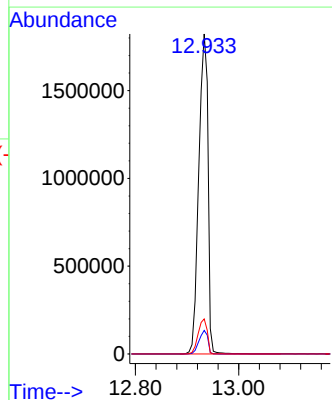
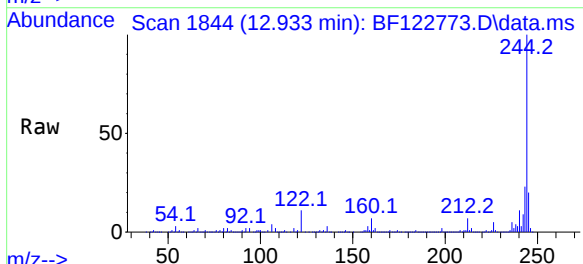
Instrument :
BNA_F
ClientSampled :
B-W

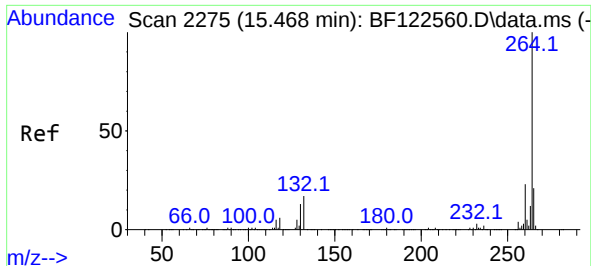
Tgt Ion:184 Resp: 28470
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.6
183 15.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 61.75 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Tgt Ion:244 Resp: 2250912
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.9 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122773.D
Acq: 17 Dec 2020 19:39

Instrument :
BNA_F
ClientSampleId :
B-W

Tgt Ion:264 Resp: 583078

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.8	17.0	25.6

