

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120920\
 Data File : BF122626.D
 Acq On : 9 Dec 2020 23:29
 Operator : JU/CG
 Sample : L4970-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4S1-A-D-COMP

Quant Time: Dec 10 02:52:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

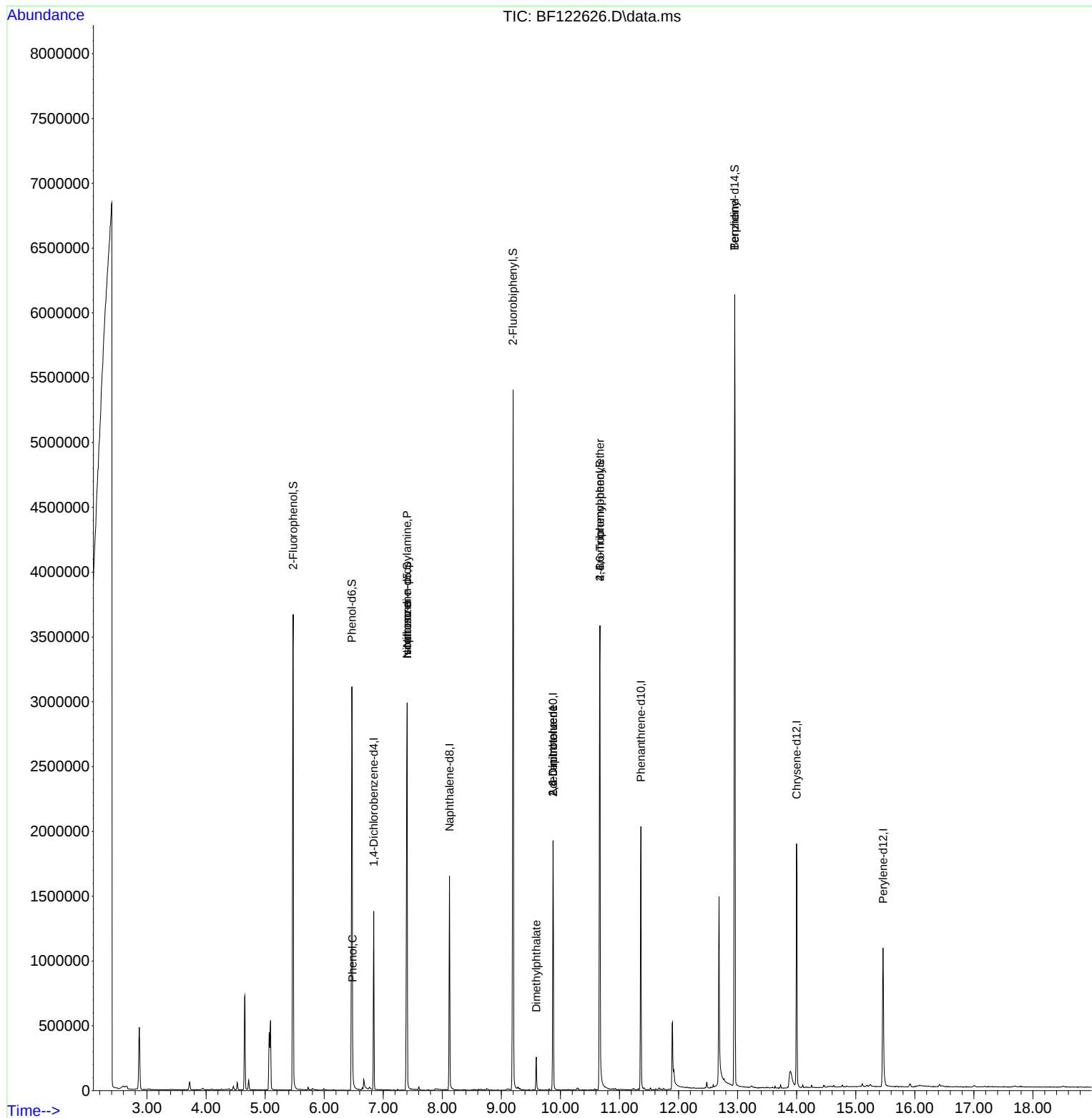
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	184206	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	735147	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	394213	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	740089	20.00	ng	0.00
76) Chrysene-d12	13.998	240	664557	20.00	ng	-0.01
86) Perylene-d12	15.462	264	550110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1143208	98.25	ng	0.02
7) Phenol-d6	6.469	99	1263664	81.89	ng	-0.01
23) Nitrobenzene-d5	7.404	82	1035820	70.59	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	565255	109.54	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1819760	62.44	ng	0.00
79) Terphenyl-d14	12.951	244	2221318	58.51	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.481	94	36718	2.30	ng	95
19) n-Nitroso-di-n-propyla...	7.404	70	139228	15.75	ng	# 78
25) Isophorone	7.404	82	1022733	40.47	ng	# 65
50) Dimethylphthalate	9.592	163	119371	3.79	ng	100
51) 2,6-Dinitrotoluene	9.874	165	50330	7.57	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	50330	5.68	ng	# 25
67) 4-Bromophenyl-phenylether	10.669	248	35178	3.51	ng	# 1
77) Benzidine	12.951	184	28823	2.01	ng	# 92

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

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Quant Time: Dec 10 02:52:51 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

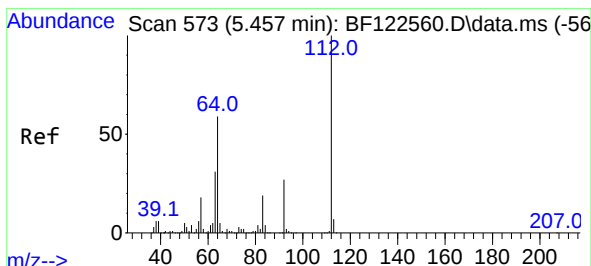
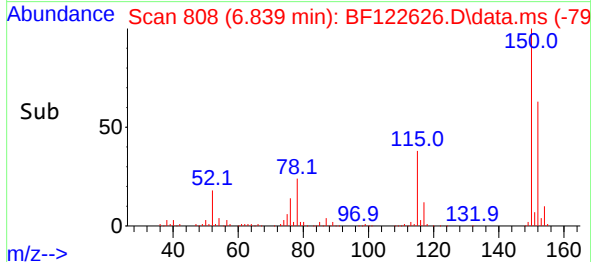
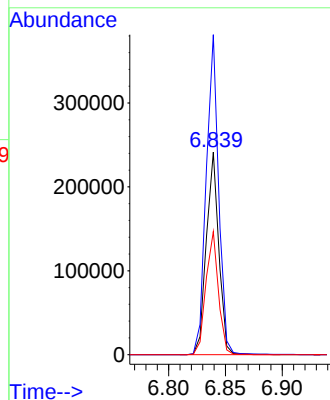
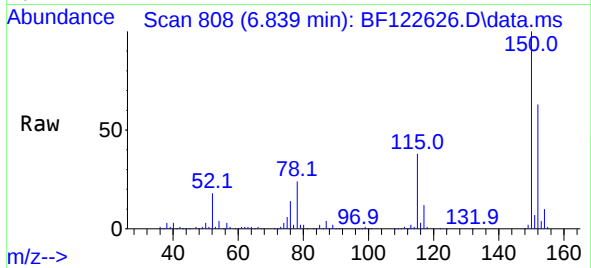




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

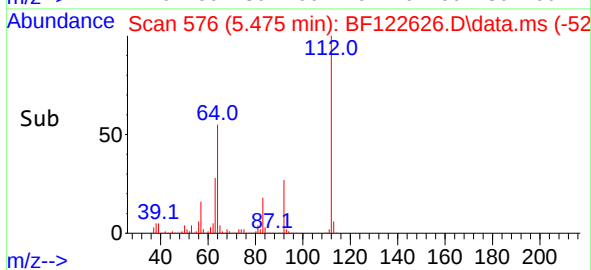
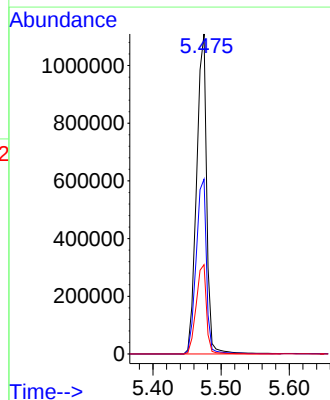
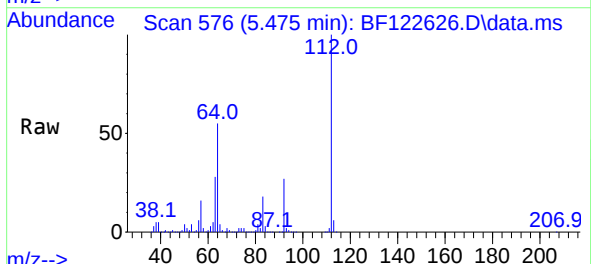
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

Tgt Ion:152 Resp: 184206
Ion Ratio Lower Upper
152 100
150 157.9 125.8 188.6
115 60.7 49.3 73.9



#5
2-Fluorophenol
Concen: 98.25 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion:112 Resp: 1143208
Ion Ratio Lower Upper
112 100
64 54.6 46.9 70.3
63 27.9 24.5 36.7



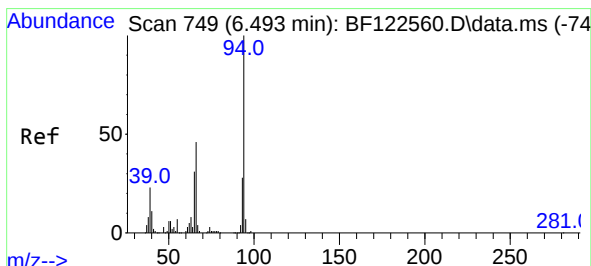
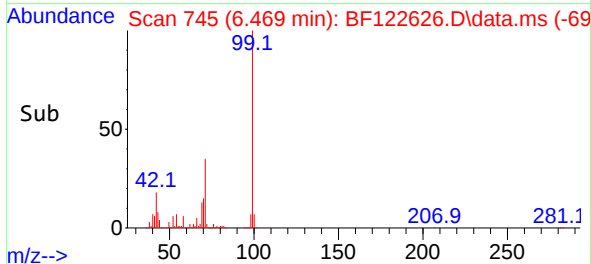
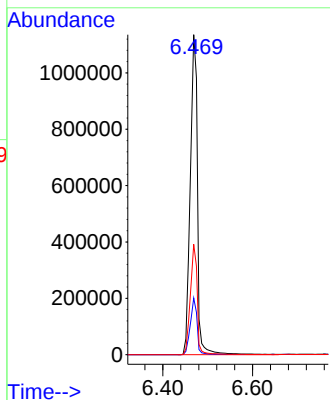
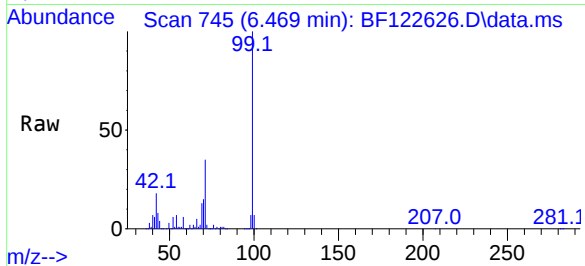


#7
Phenol-d6
Concen: 81.89 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

Tgt Ion: 99 Resp: 1263664

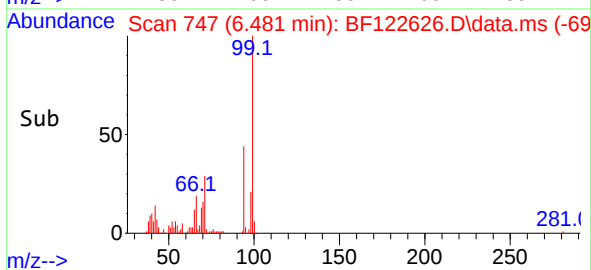
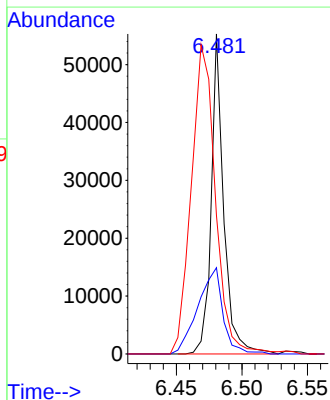
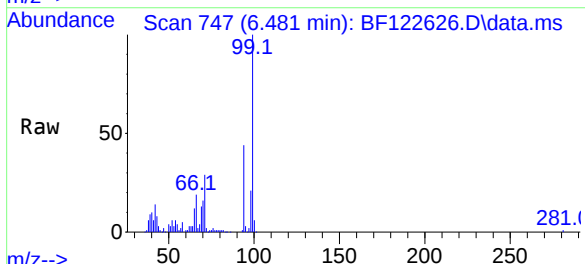
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	34.5	26.9	40.3

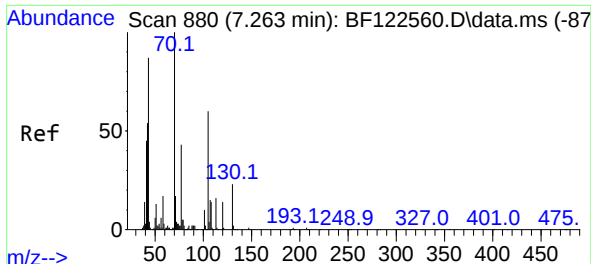


#10
Phenol
Concen: 2.30 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion: 94 Resp: 36718

Ion	Ratio	Lower	Upper
94	100		
65	27.0	11.2	51.2
66	43.4	25.8	65.8

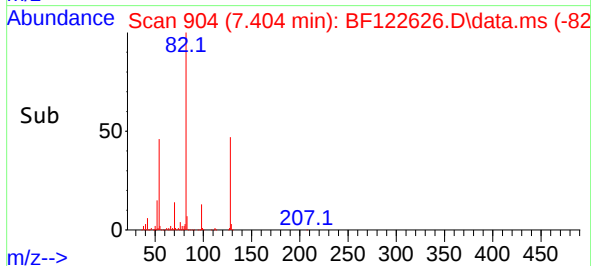
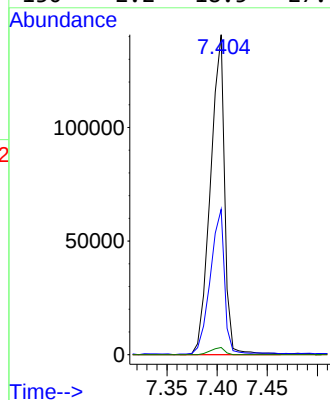
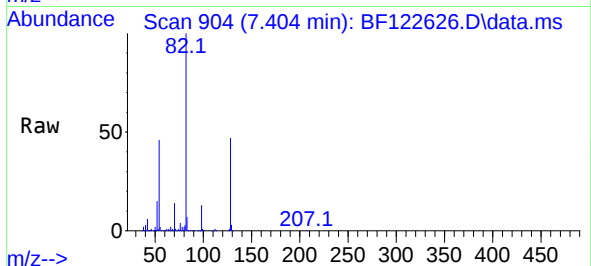




#19
n-Nitroso-di-n-propylamine
Concen: 15.75 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

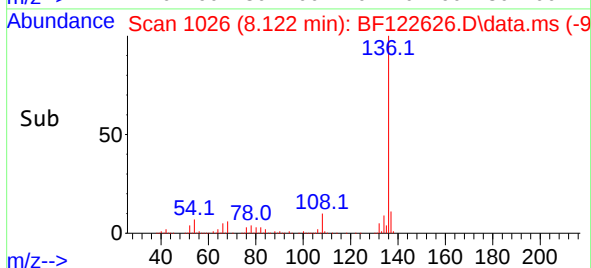
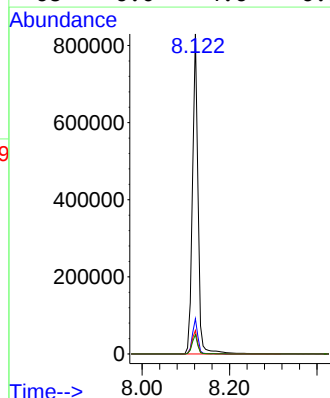
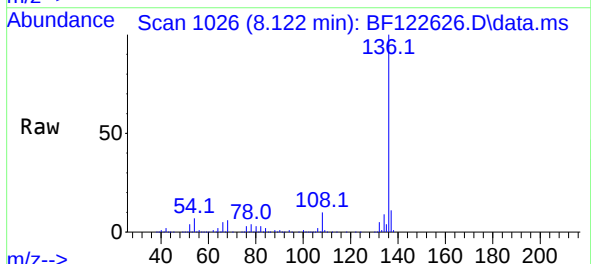
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

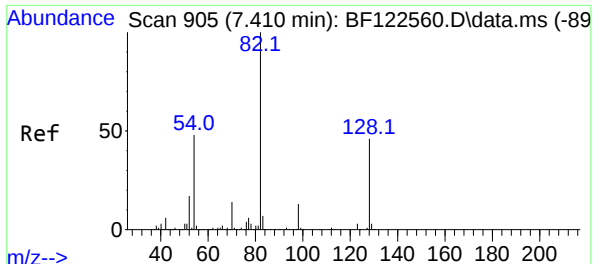
Tgt Ion: 70 Resp: 139228
Ion Ratio Lower Upper
70 100
42 45.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion:136 Resp: 735147
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.3 5.5 8.3
68 6.0 4.6 6.8

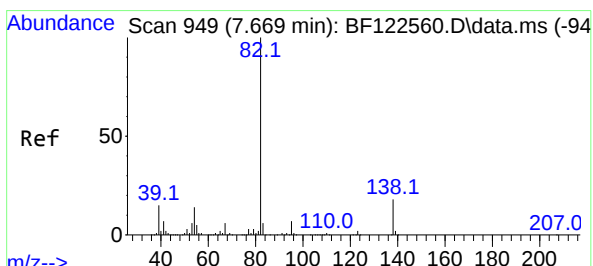
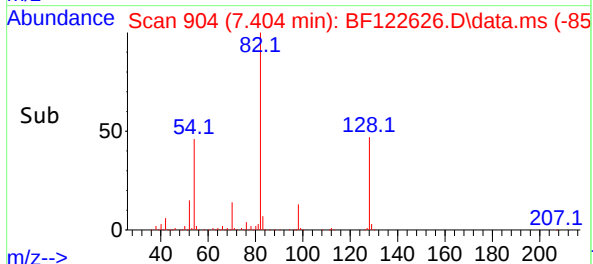
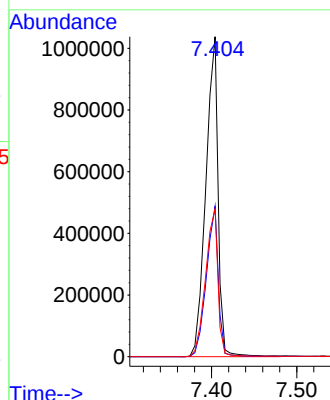
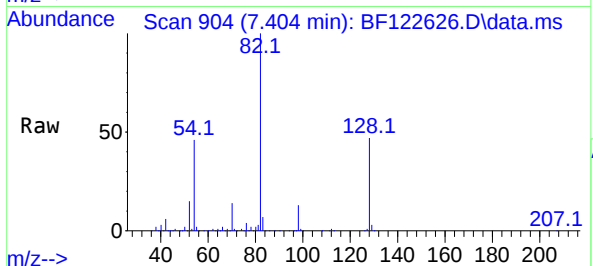




#23
Nitrobenzene-d5
Concen: 70.59 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

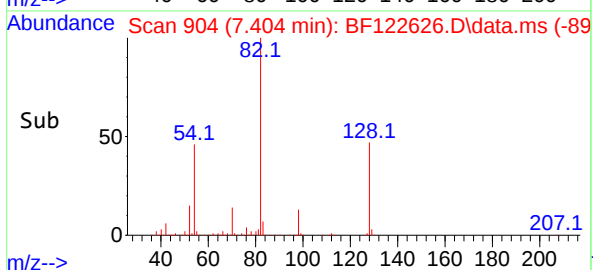
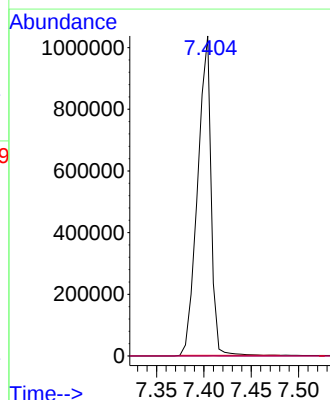
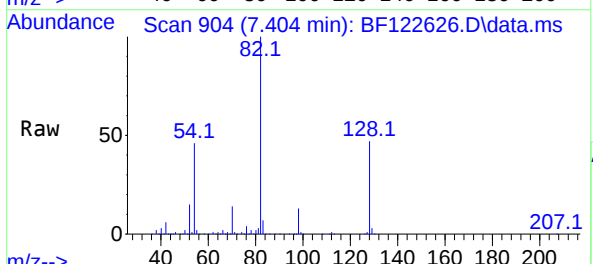
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

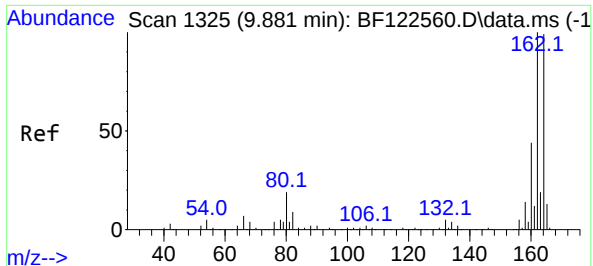
Tgt Ion: 82 Resp: 1035820
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 46.2 38.4 57.6



#25
Isophorone
Concen: 40.47 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion: 82 Resp: 1022733
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: 9.874 min Scan# 1324

Delta R.T. -0.007 min

Lab File: BF122626.D

Acq: 9 Dec 2020 23:29

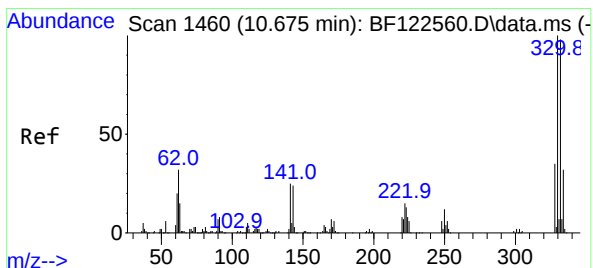
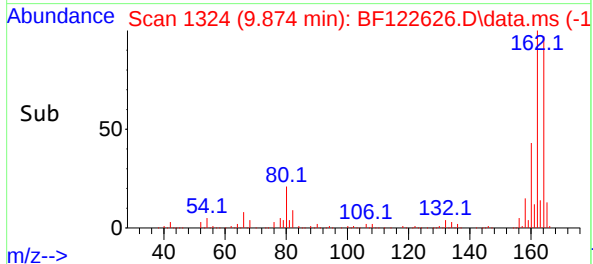
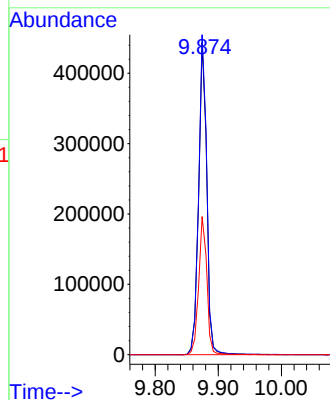
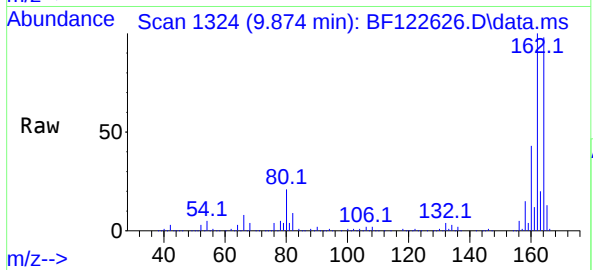
Tgt Ion:164 Resp: 394213

Ion Ratio Lower Upper

164 100

162 102.5 80.8 121.2

160 44.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 109.54 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF122626.D

Acq: 9 Dec 2020 23:29

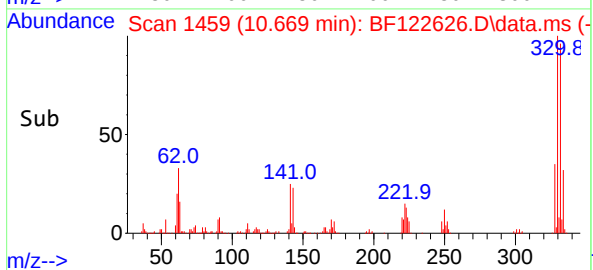
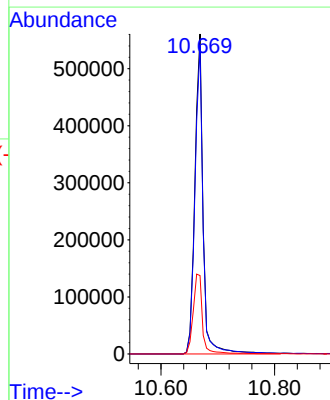
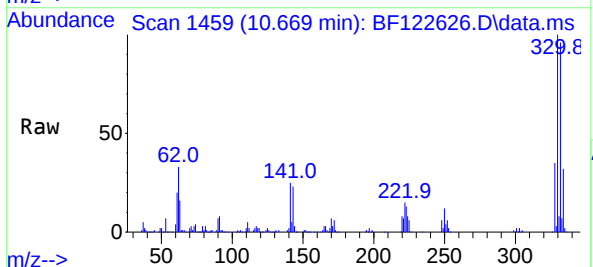
Tgt Ion:330 Resp: 565255

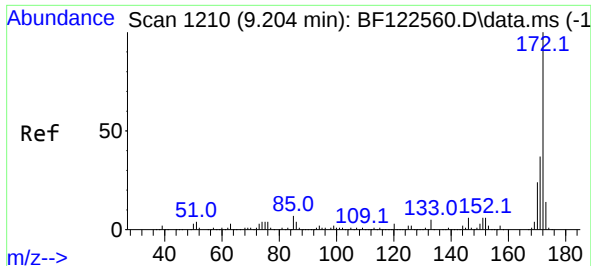
Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 28.5 23.8 35.8

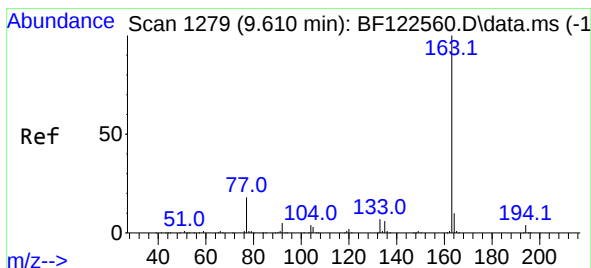
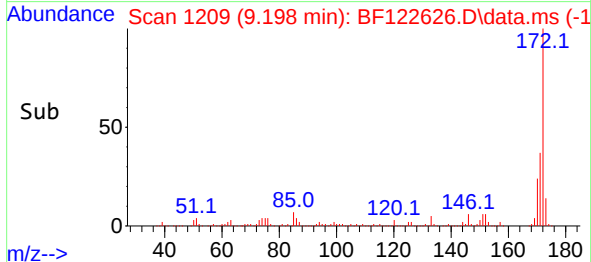
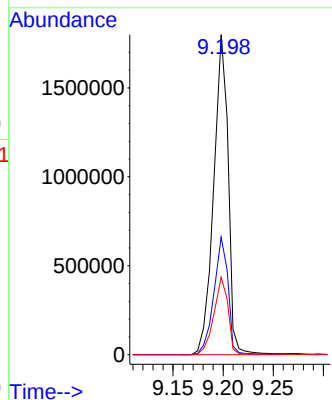
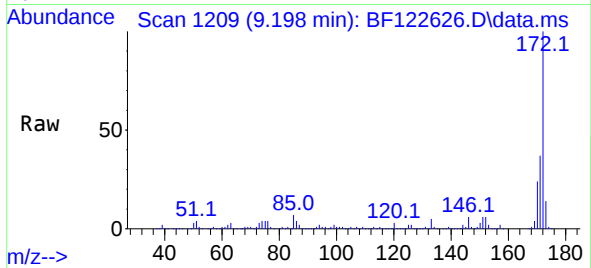




#45
2-Fluorobiphenyl
Concen: 62.44 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

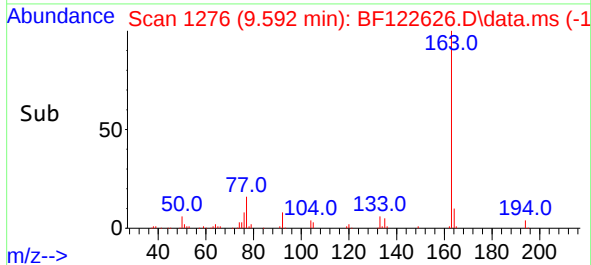
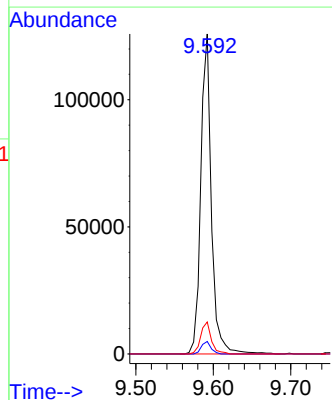
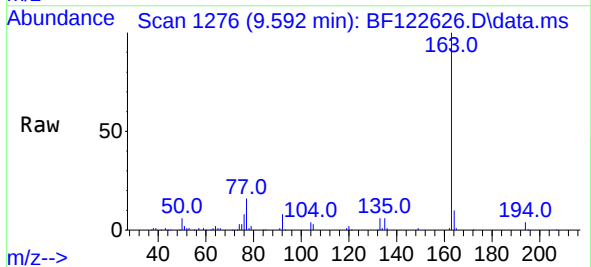
Instrument :
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4S1-A-D-COMP

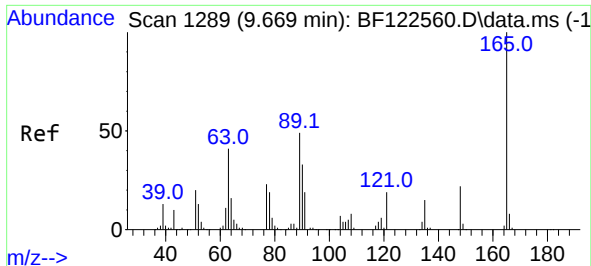
Tgt Ion:172 Resp: 1819760
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 3.79 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion:163 Resp: 119371
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.0 8.1 12.1

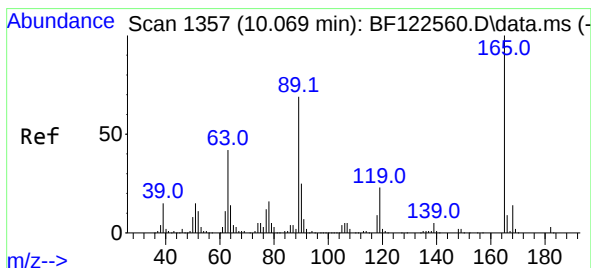
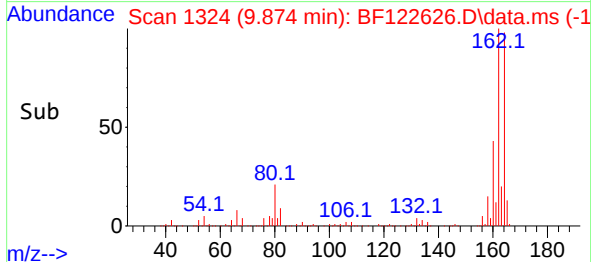
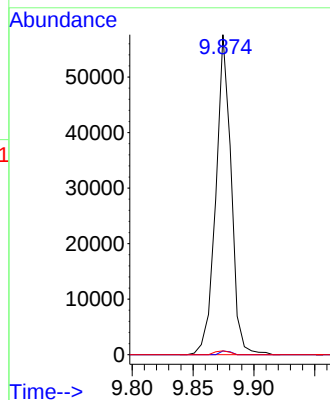
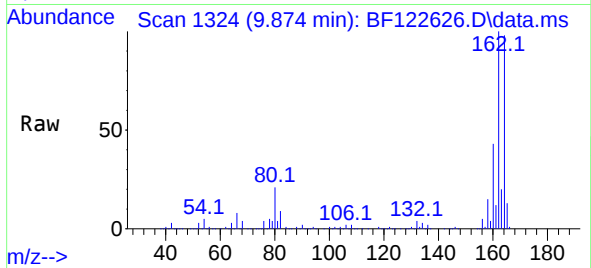




#51
2,6-Dinitrotoluene
Concen: 7.57 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

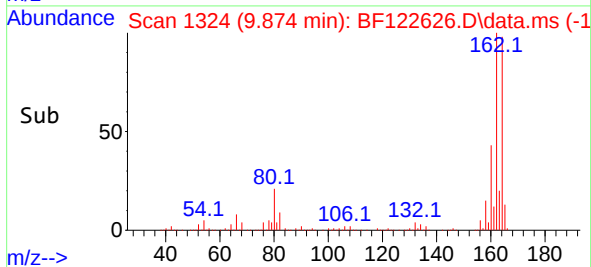
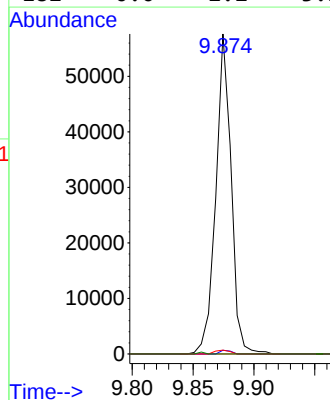
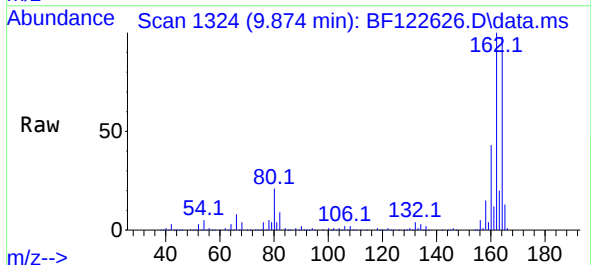
Instrument :
BNA_F
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4S1-A-D-COMP

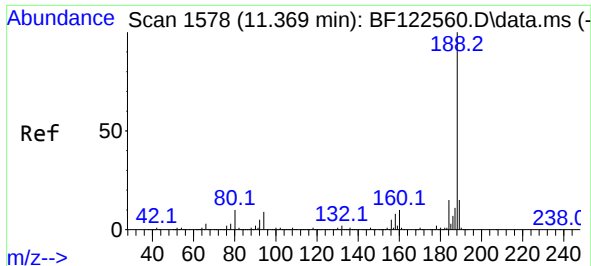
Tgt Ion:165 Resp: 50330
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion:165 Resp: 50330
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

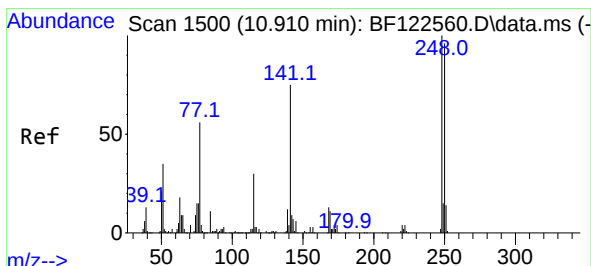
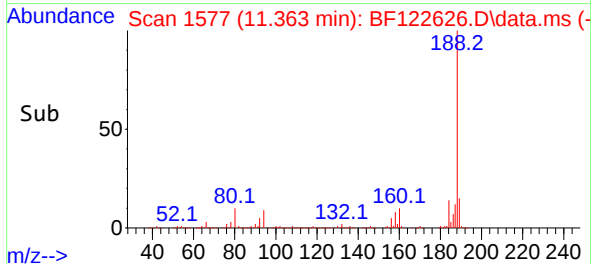
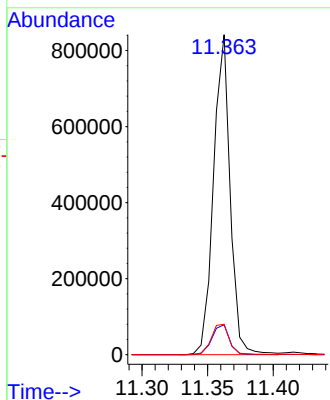
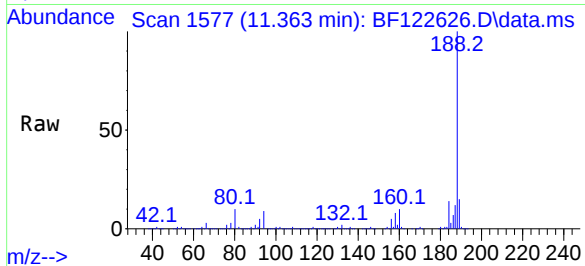




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

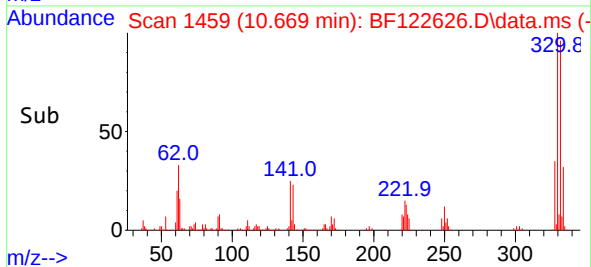
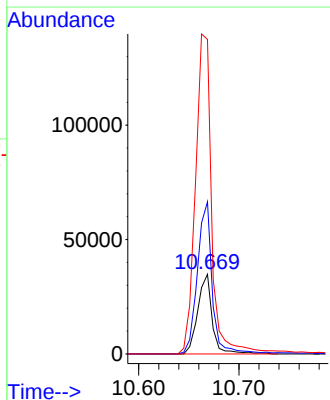
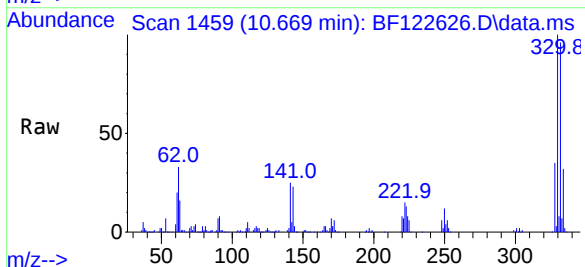
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

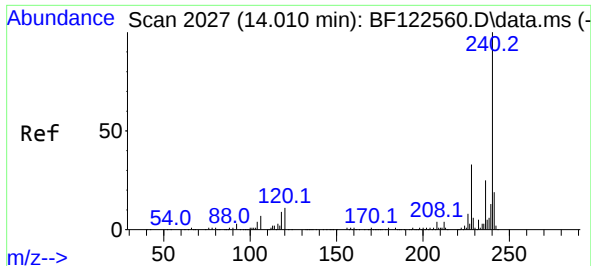
Tgt Ion:188 Resp: 740089
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 9.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.51 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion:248 Resp: 35178
Ion Ratio Lower Upper
248 100
250 191.0 76.8 115.2#
141 394.9 59.8 89.8#

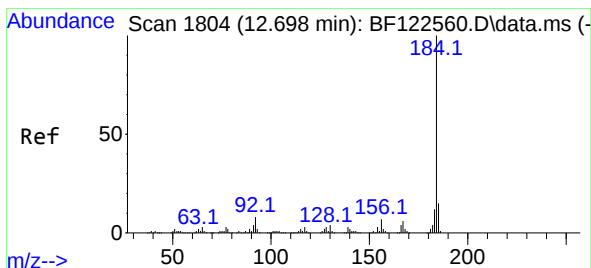
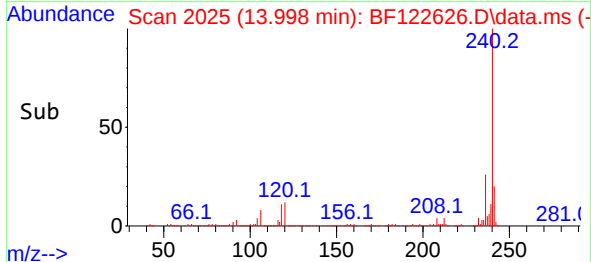
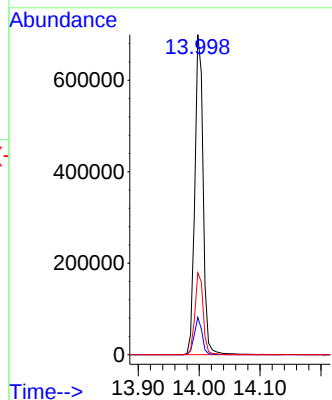
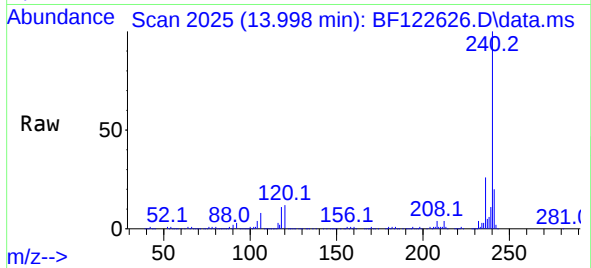




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

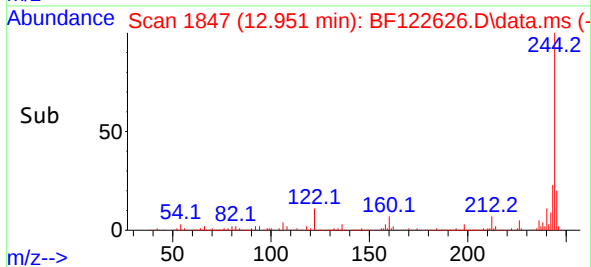
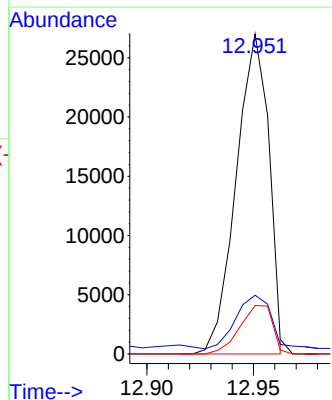
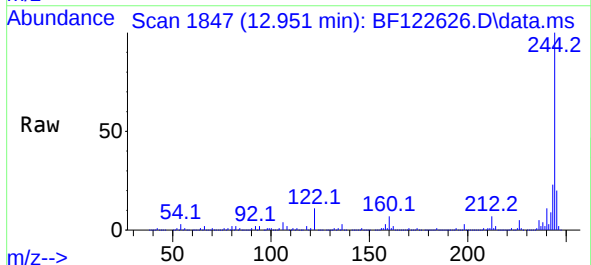
Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP

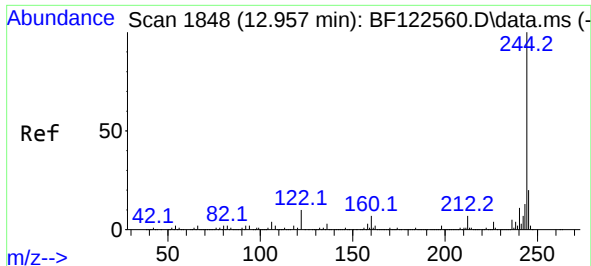
Tgt Ion:240 Resp: 664557
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.01 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

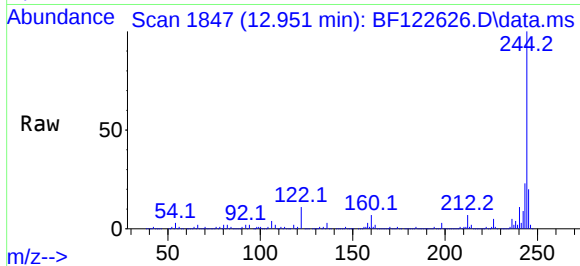
Tgt Ion:184 Resp: 28823
Ion Ratio Lower Upper
184 100
185 18.3 11.8 17.6#
183 15.2 9.7 14.5#



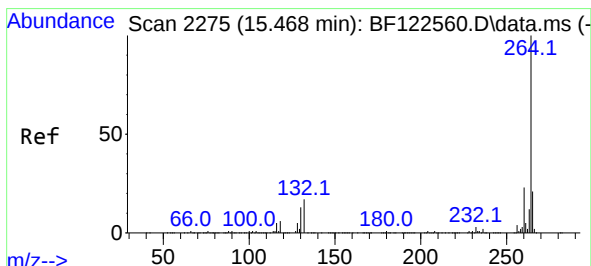
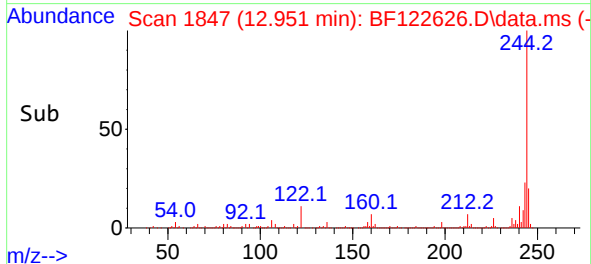
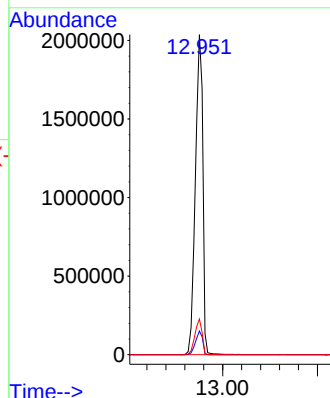


#79
Terphenyl-d14
Concen: 58.51 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Instrument :
BNA_F
ClientSampleId :
4S1-A-D-COMP



Tgt Ion:244 Resp: 2221318
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.1 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122626.D
Acq: 9 Dec 2020 23:29

Tgt Ion:264 Resp: 550110
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.7 17.0 25.6

