

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122603.D
 Acq On : 8 Dec 2020 22:57
 Operator : JU/CG
 Sample : L4967-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-120720

Quant Time: Dec 09 01:13:20 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)

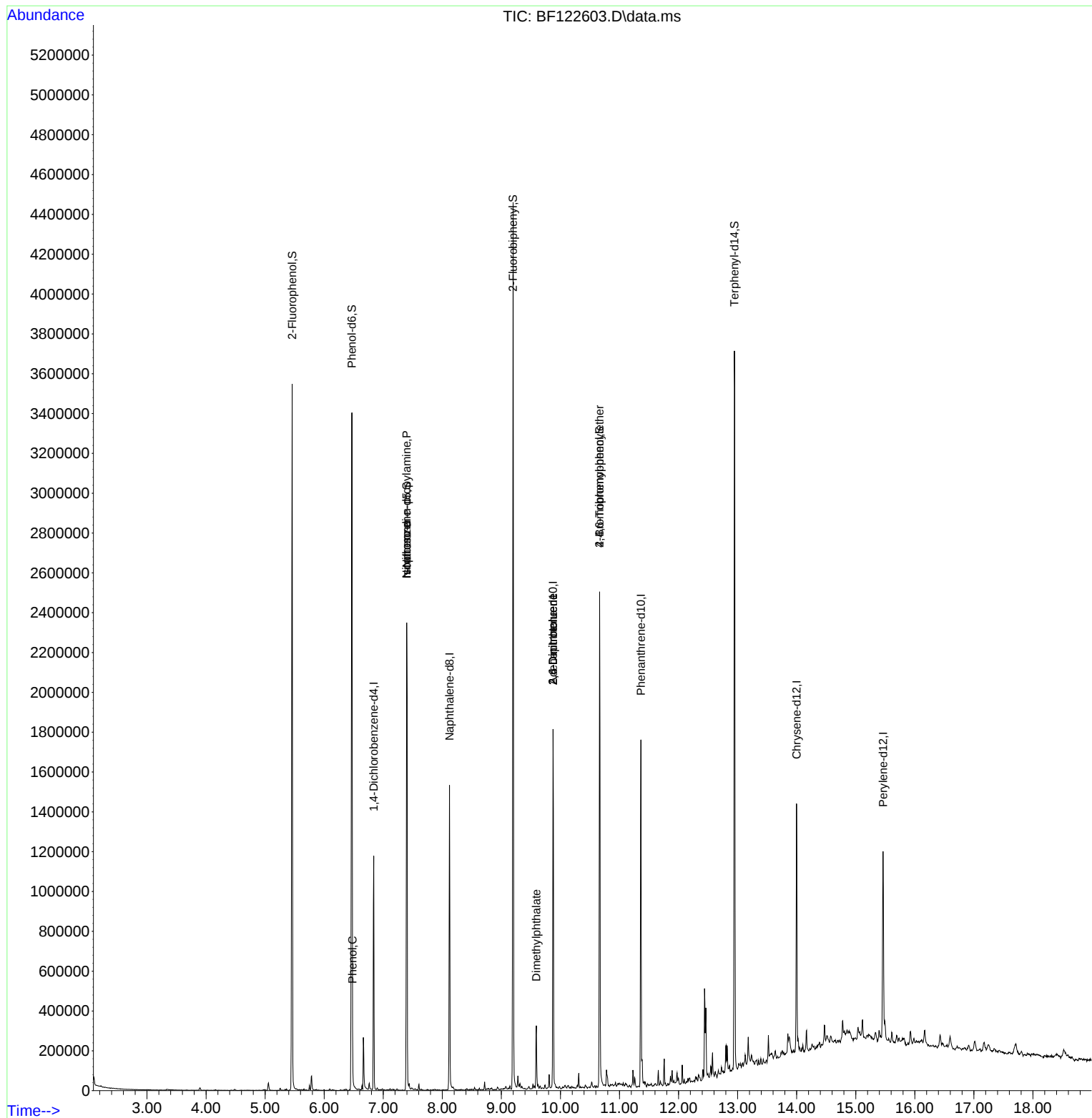
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	167766	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	666427	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	355190	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	625304	20.00	ng	0.00
76) Chrysene-d12	13.998	240	428715	20.00	ng	-0.01
86) Perylene-d12	15.462	264	456647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	992724	93.68	ng	0.00
7) Phenol-d6	6.469	99	1264418	89.97	ng	-0.01
23) Nitrobenzene-d5	7.398	82	794879	59.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	328884	70.74	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1314932	50.07	ng	0.00
79) Terphenyl-d14	12.945	244	1242344	50.72	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.481	94	45236	3.11	ng	85
19) n-Nitroso-di-n-propyla...	7.398	70	105980	13.16	ng	# 78
25) Isophorone	7.398	82	788101	34.40	ng	# 65
50) Dimethylphthalate	9.592	163	138037	4.87	ng	99
51) 2,6-Dinitrotoluene	9.875	165	47053	7.85	ng	# 32
57) 2,4-Dinitrotoluene	9.875	165	47053	5.90	ng	# 26
67) 4-Bromophenyl-phenylether	10.663	248	20086	2.37	ng	# 1

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

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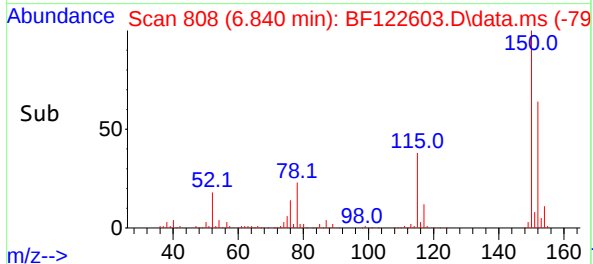
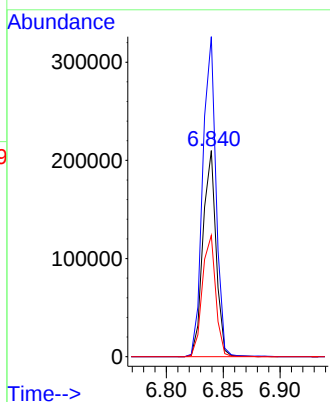
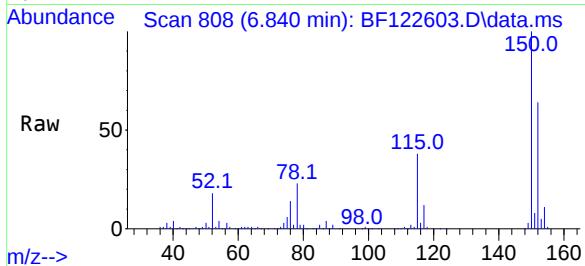




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

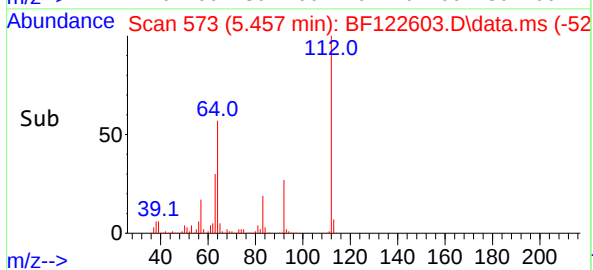
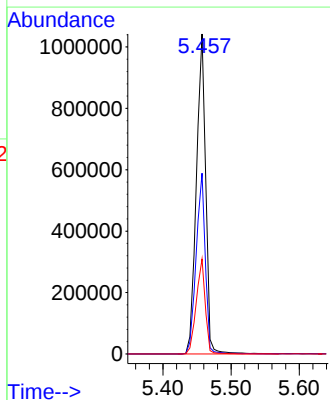
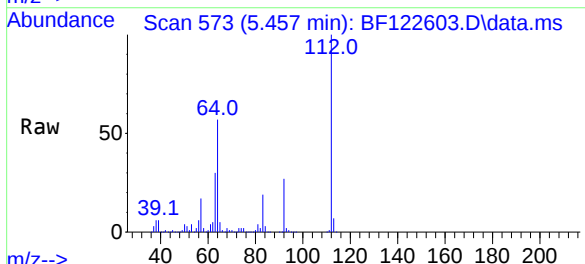
Instrument :
BNA_F
ClientSampleId :
TR-05-120720

Tgt Ion:152 Resp: 167766
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 58.9 49.3 73.9



#5
2-Fluorophenol
Concen: 93.68 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion:112 Resp: 992724
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 29.7 24.5 36.7



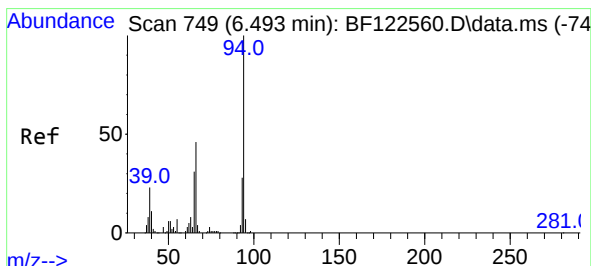
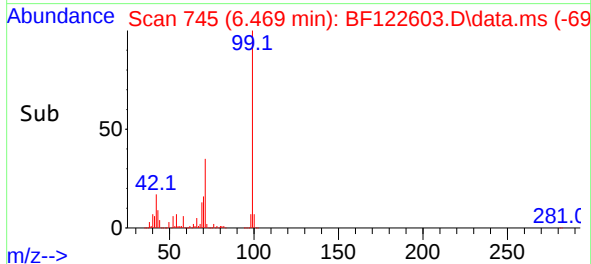
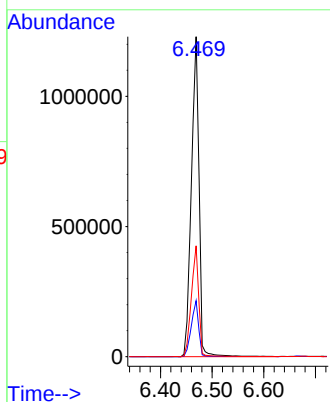
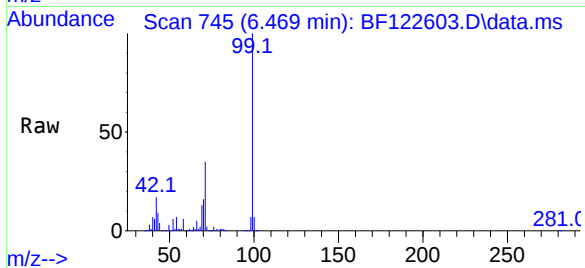


#7
Phenol-d6
Concen: 89.97 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Instrument :
BNA_F
ClientSampleId :
TR-05-120720

Tgt Ion: 99 Resp: 1264418

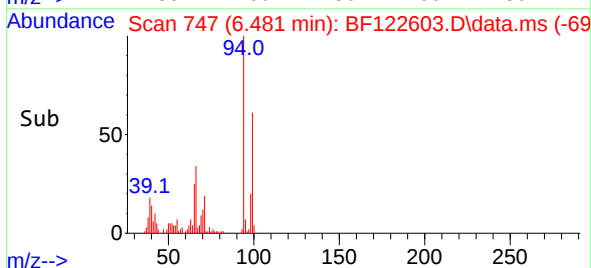
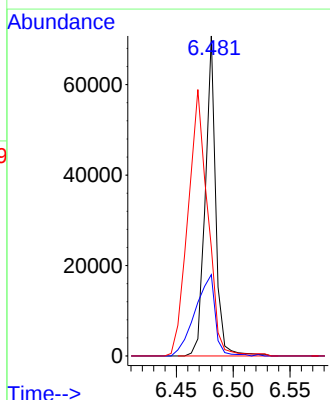
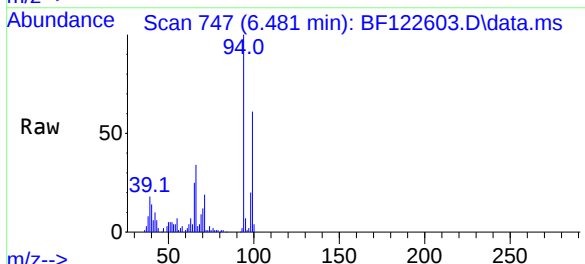
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	34.6	26.9	40.3

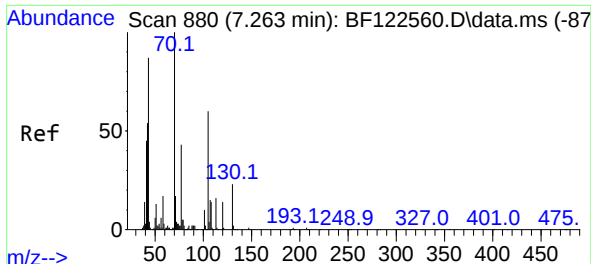


#10
Phenol
Concen: 3.11 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion: 94 Resp: 45236

Ion	Ratio	Lower	Upper
94	100		
65	25.4	11.2	51.2
66	34.0	25.8	65.8

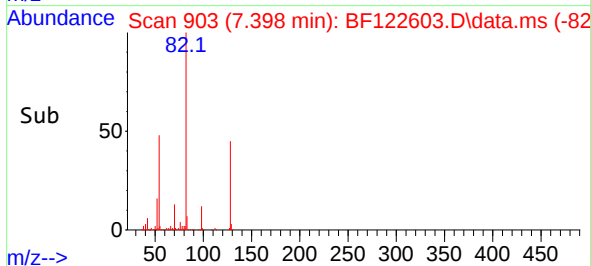
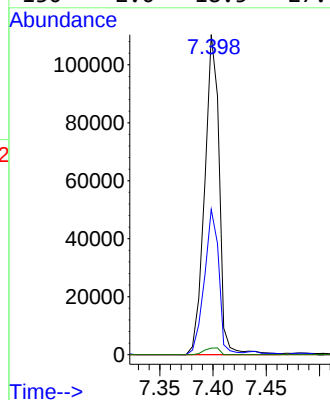
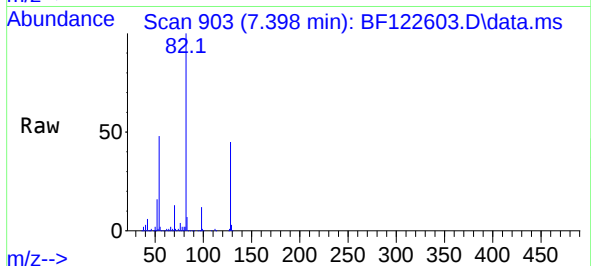




#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

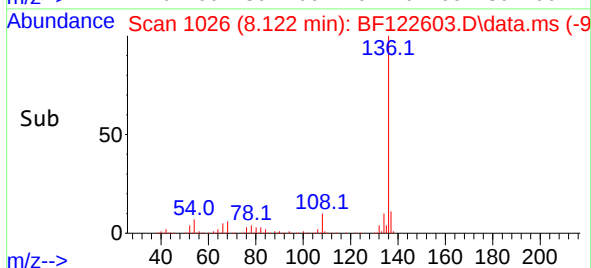
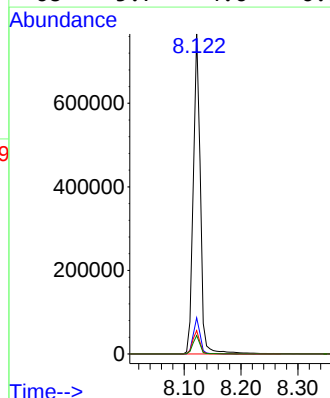
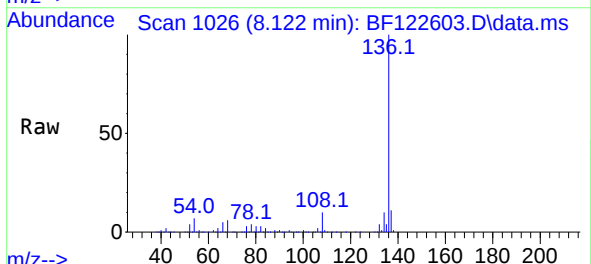
Instrument :
BNA_F
ClientSampleId :
TR-05-120720

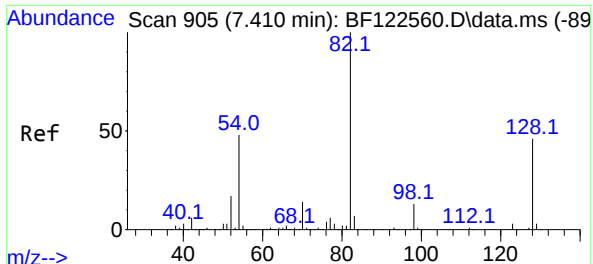
Tgt Ion: 70 Resp: 105980
Ion Ratio Lower Upper
70 100
42 45.4 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion:136 Resp: 666427
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.3 5.5 8.3
68 5.7 4.6 6.8

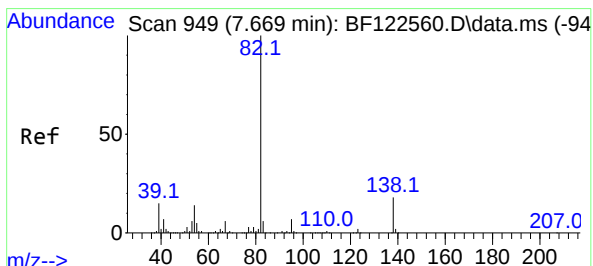
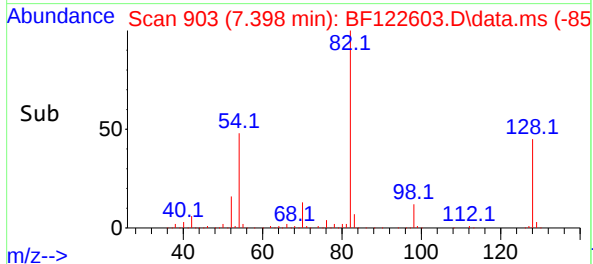
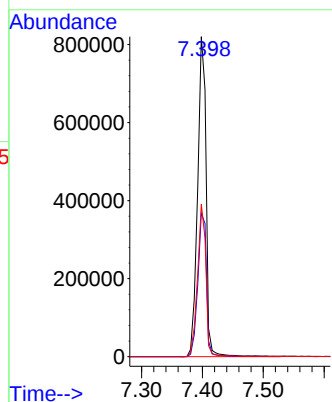
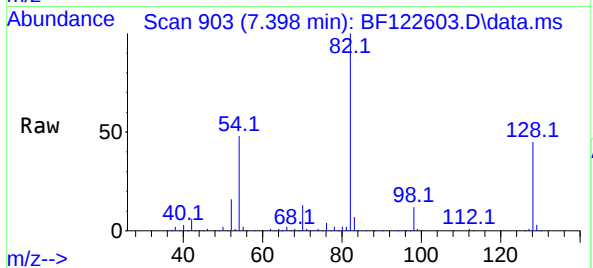




#23
Nitrobenzene-d5
Concen: 59.76 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

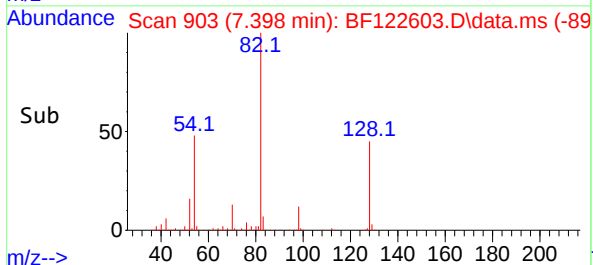
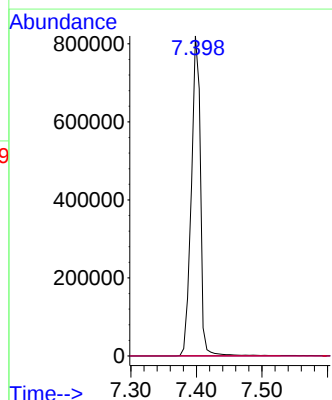
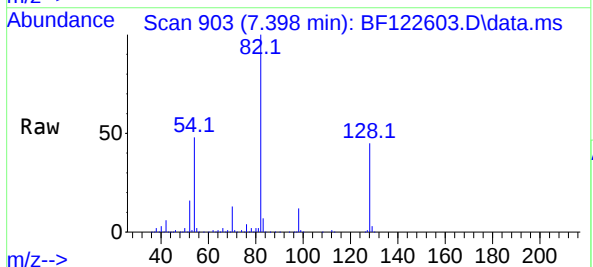
Instrument :
BNA_F
ClientSampleId :
TR-05-120720

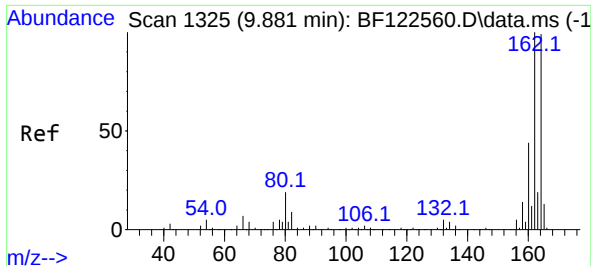
Tgt Ion: 82 Resp: 794879
Ion Ratio Lower Upper
82 100
128 44.9 37.0 55.4
54 47.7 38.4 57.6



#25
Isophorone
Concen: 34.40 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion: 82 Resp: 788101
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: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF122603.D

Acq: 8 Dec 2020 22:57

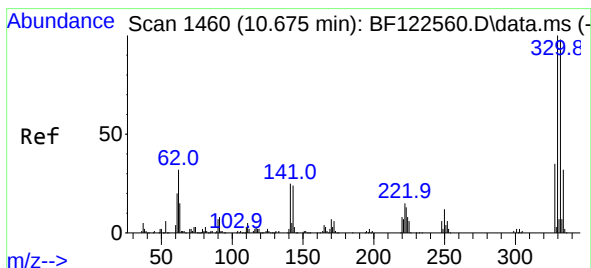
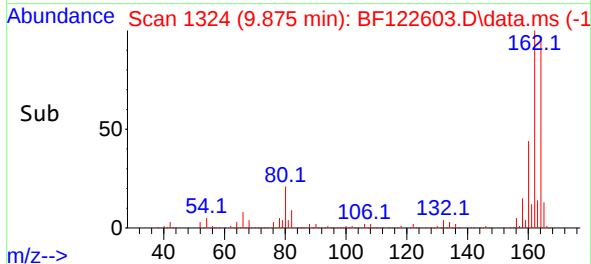
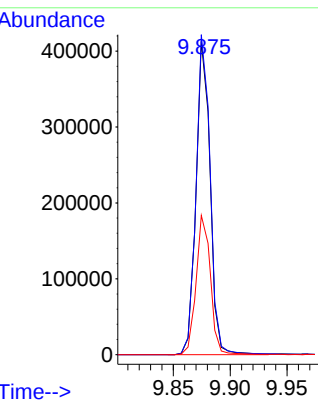
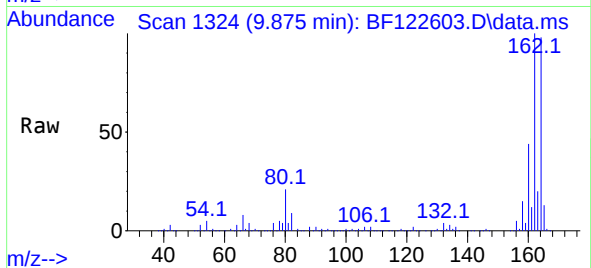
Tgt Ion:164 Resp: 355190

Ion Ratio Lower Upper

164 100

162 102.1 80.8 121.2

160 44.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 70.74 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF122603.D

Acq: 8 Dec 2020 22:57

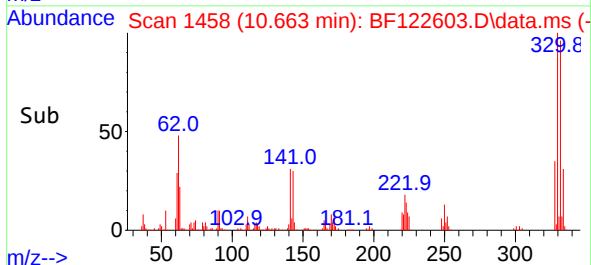
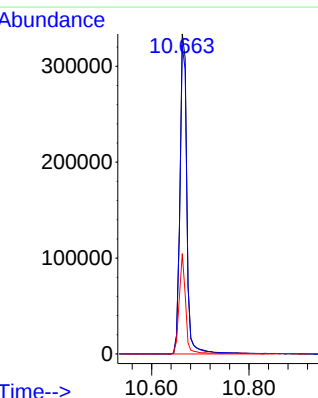
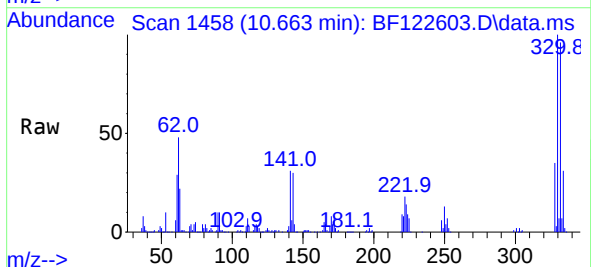
Tgt Ion:330 Resp: 328884

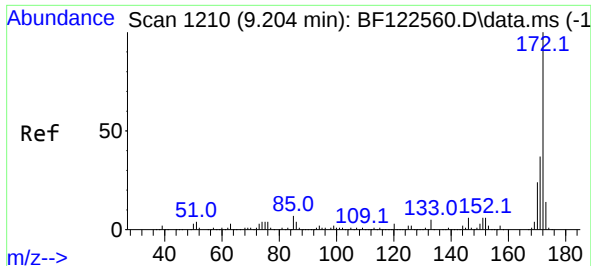
Ion Ratio Lower Upper

330 100

332 96.3 77.5 116.3

141 29.0 23.8 35.8



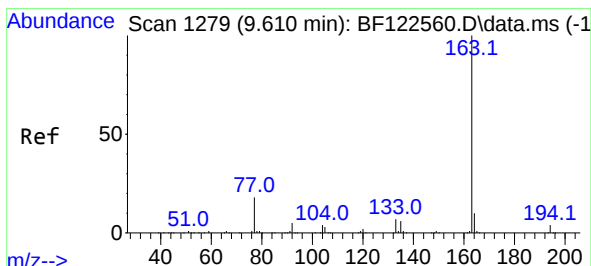
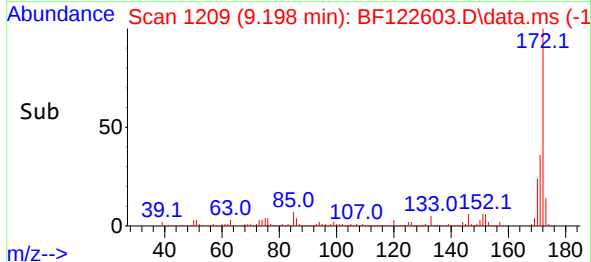
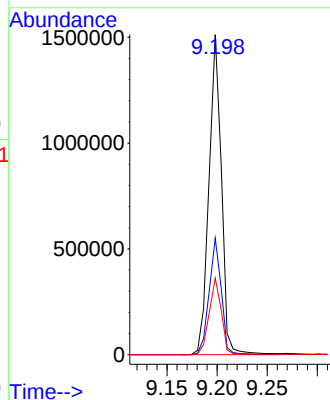
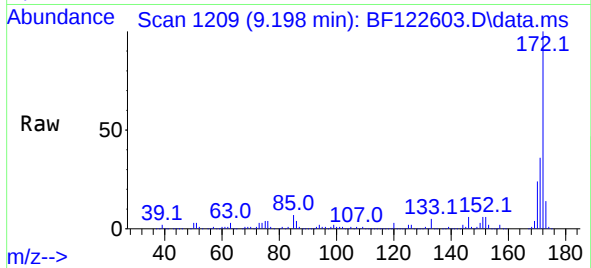


#45
2-Fluorobiphenyl
Concen: 50.07 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Instrument :
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Tgt Ion:172 Resp: 1314932

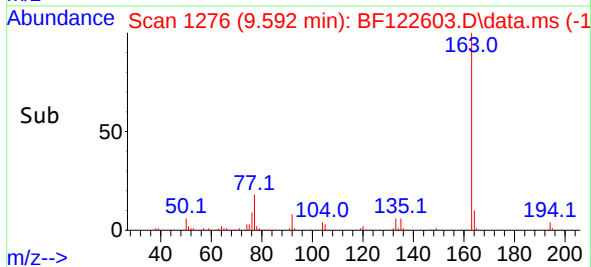
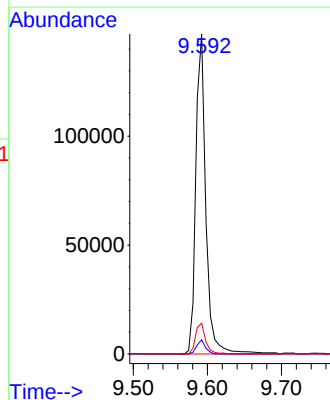
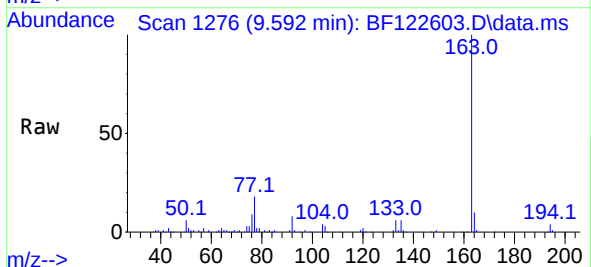
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	19.5	29.3

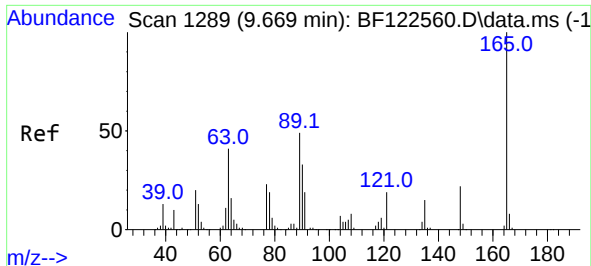


#50
Dimethylphthalate
Concen: 4.87 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion:163 Resp: 138037

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	9.7	8.1	12.1

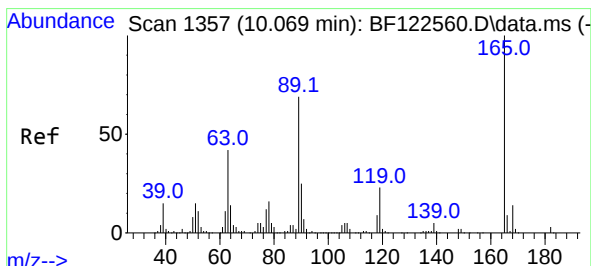
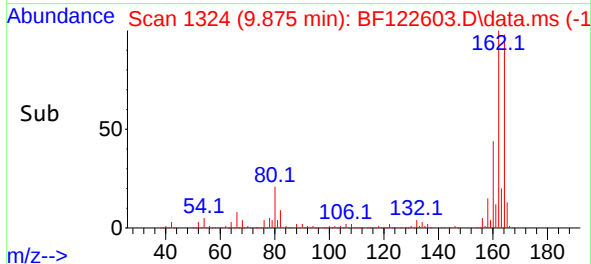
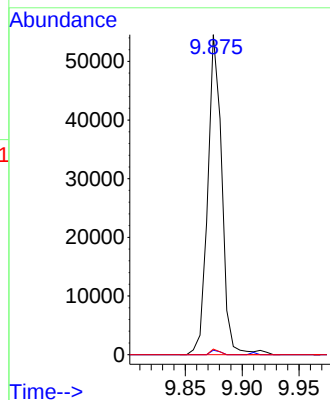
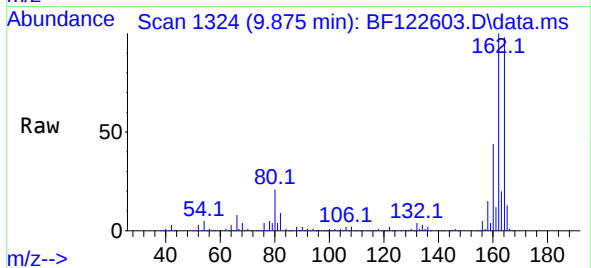




#51
2,6-Dinitrotoluene
Concen: 7.85 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

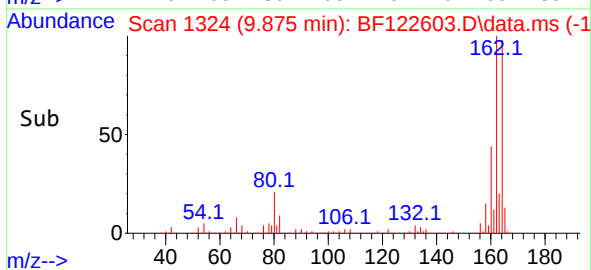
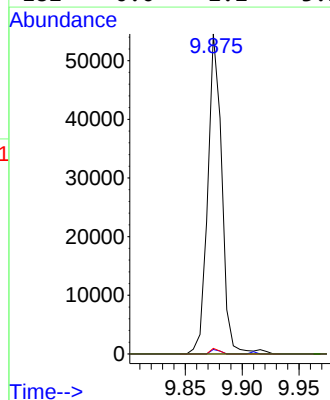
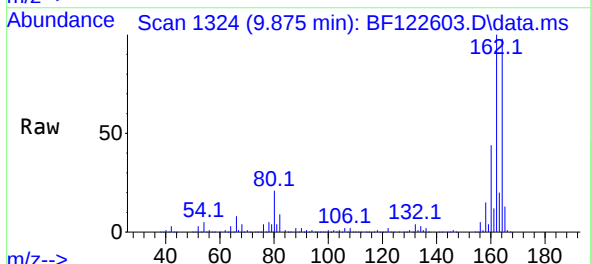
Instrument :
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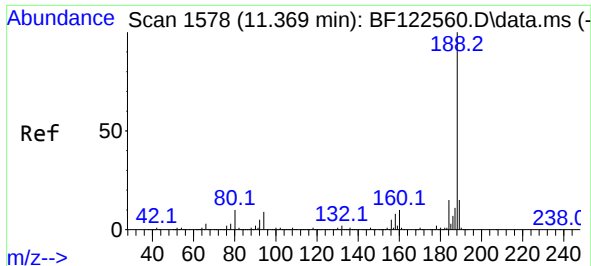
Tgt Ion:165 Resp: 47053
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion:165 Resp: 47053
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

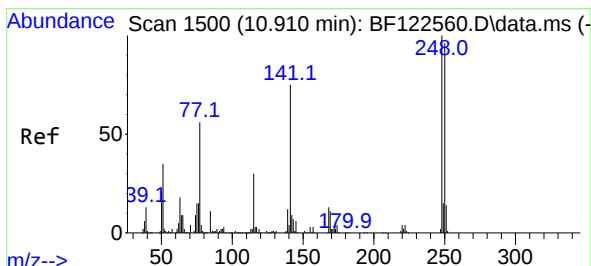
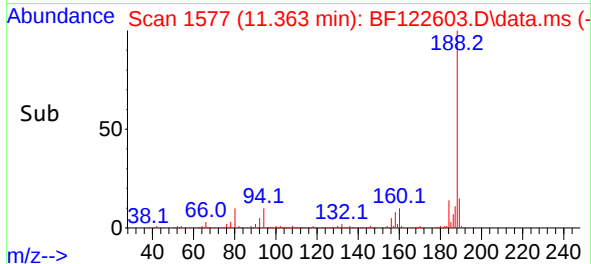
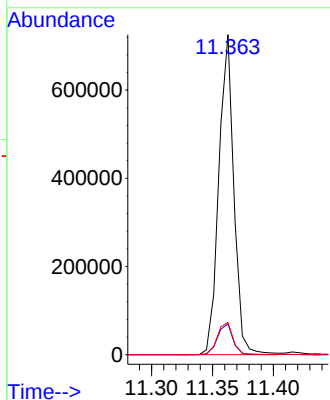
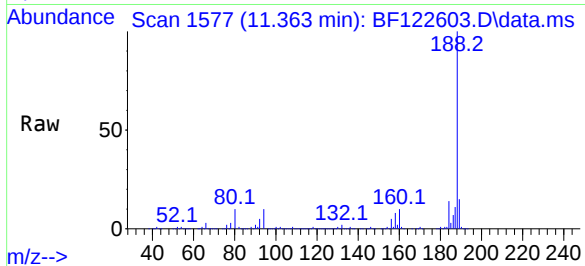




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

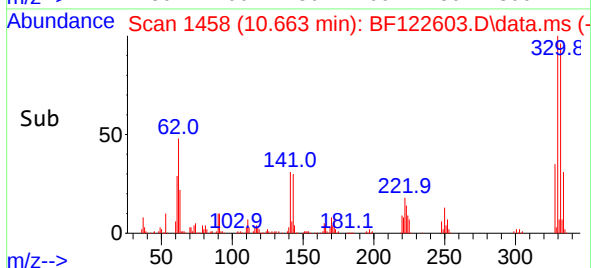
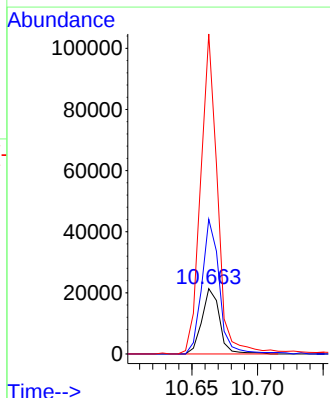
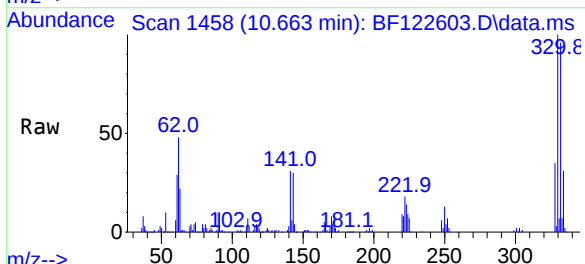
Instrument :
BNA_F
ClientSampleId :
TR-05-120720

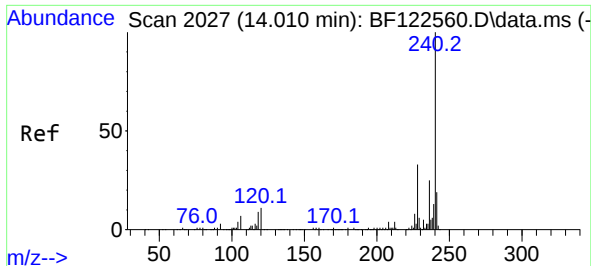
Tgt Ion:188 Resp: 625304
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.37 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion:248 Resp: 20086
Ion Ratio Lower Upper
248 100
250 206.5 76.8 115.2#
141 490.7 59.8 89.8#

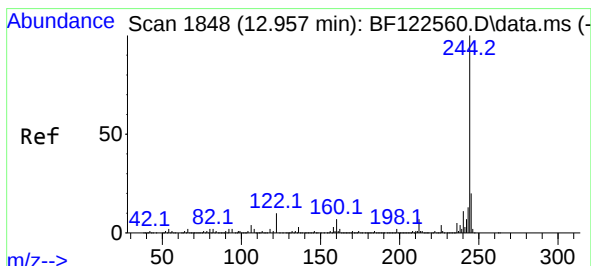
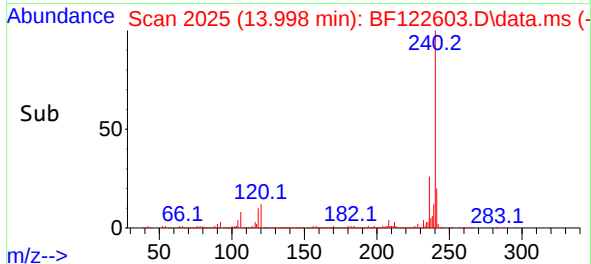
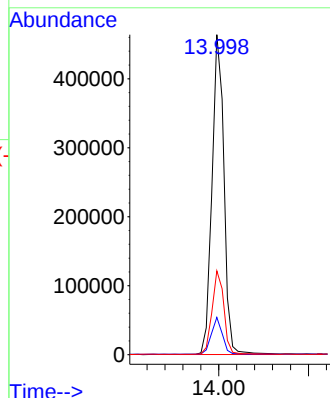
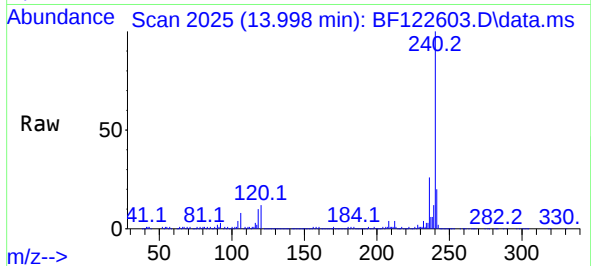




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

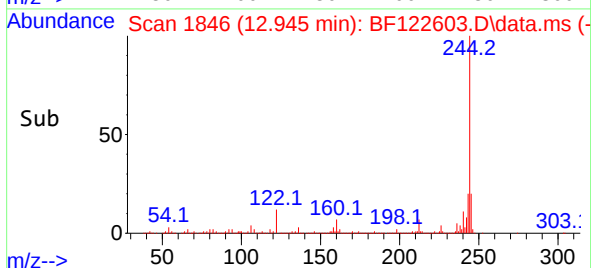
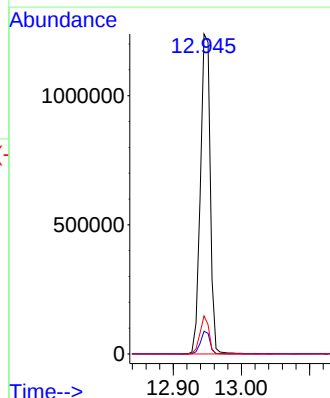
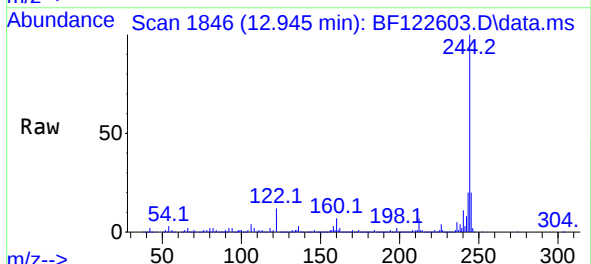
Instrument :
BNA_F
ClientSampleId :
TR-05-120720

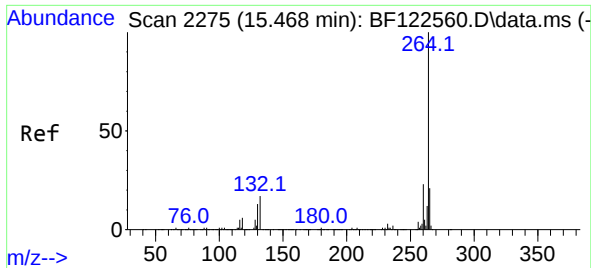
Tgt Ion:240 Resp: 428715
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 26.2 20.3 30.5



#79
Terphenyl-d14
Concen: 50.72 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122603.D
Acq: 8 Dec 2020 22:57

Tgt Ion:244 Resp: 1242344
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.9 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: BF122603.D
Acq: 8 Dec 2020 22:57

Instrument :
BNA_F
ClientSampleId :
TR-05-120720

Tgt Ion:264 Resp: 456647

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.9	17.0	25.6

