

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122650.D
 Acq On : 10 Dec 2020 17:12
 Operator : JU/CG
 Sample : L4990-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALK

Quant Time: Dec 11 00:34:41 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

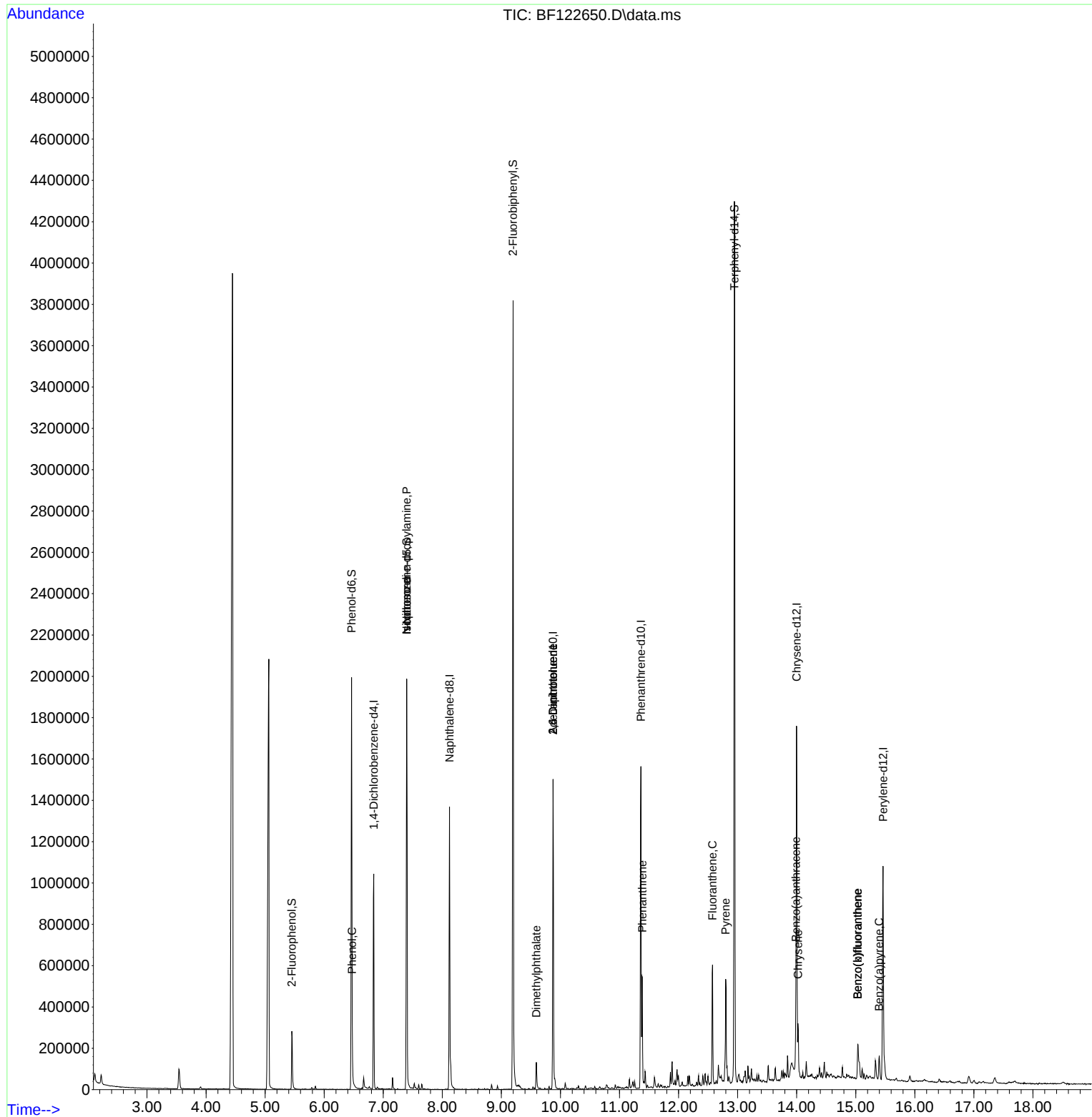
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	158986	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	617774	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	329857	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	609520	20.00	ng	0.00
76) Chrysene-d12	13.998	240	567694	20.00	ng	-0.01
86) Perylene-d12	15.462	264	490561	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	94049	9.37	ng	0.00
7) Phenol-d6	6.463	99	687136	51.59	ng	-0.02
23) Nitrobenzene-d5	7.398	82	655420	53.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	424	0.10	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1271472	52.14	ng	0.00
79) Terphenyl-d14	12.945	244	1472052	45.39	ng	-0.01
Target Compounds						
10) Phenol	6.475	94	42227	3.06	ng	91
19) n-Nitroso-di-n-propyla...	7.398	70	86850	11.38	ng	# 77
25) Isophorone	7.398	82	648814	30.55	ng	# 65
50) Dimethylphthalate	9.592	163	72071	2.74	ng	98
51) 2,6-Dinitrotoluene	9.874	165	42286	7.60	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	42287	5.71	ng	# 25
71) Phenanthrene	11.386	178	213973	5.91	ng	97
75) Fluoranthene	12.574	202	244265	6.43	ng	96
78) Pyrene	12.798	202	215146	4.90	ng	99
81) Benzo(a)anthracene	13.986	228	102978	2.71	ng	98
83) Chrysene	14.021	228	100013	2.65	ng	96
88) Benzo(b)fluoranthene	15.033	252	126680	3.68	ng	# 97
89) Benzo(k)fluoranthene	15.033	252	126680	4.03	ng	98
90) Benzo(a)pyrene	15.398	252	62025	2.06	ng	95

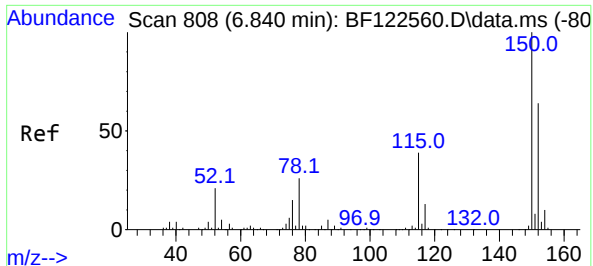
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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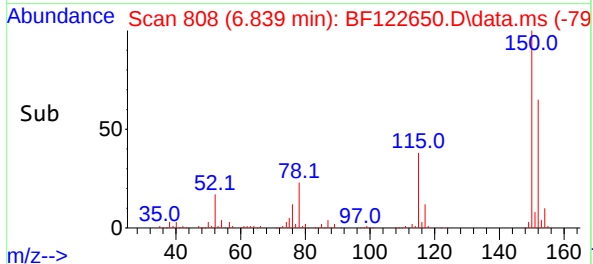
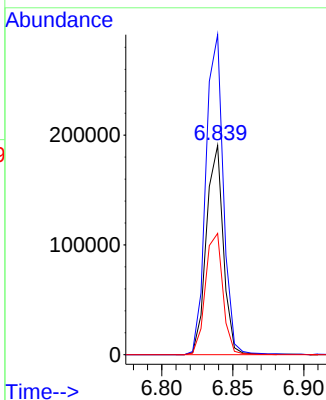
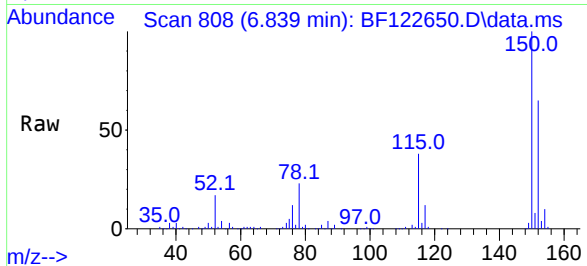




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

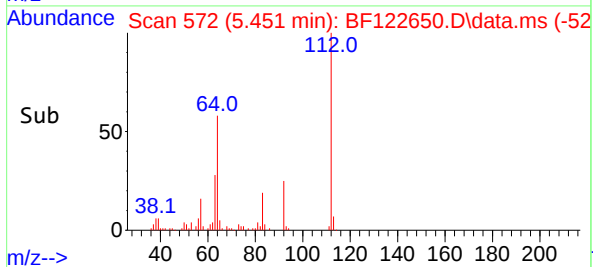
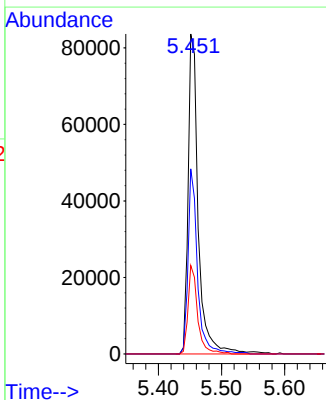
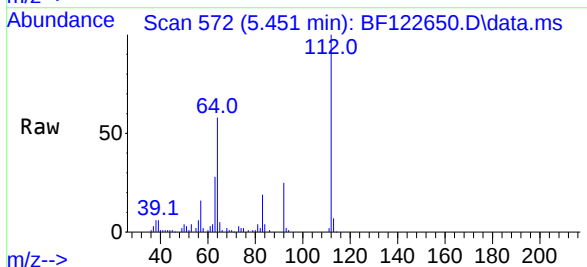
Instrument :
BNA_F
ClientSampleId :
SIDEWALK

Tgt Ion:152 Resp: 158986
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 58.0 49.3 73.9



#5
2-Fluorophenol
Concen: 9.37 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:112 Resp: 94049
Ion Ratio Lower Upper
112 100
64 57.8 46.9 70.3
63 27.6 24.5 36.7

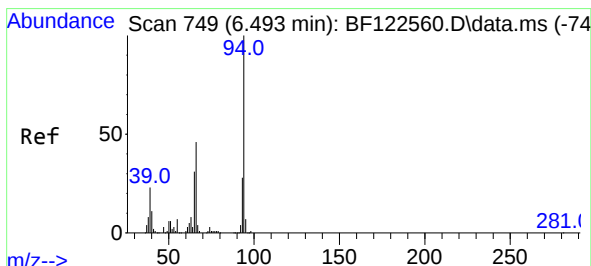
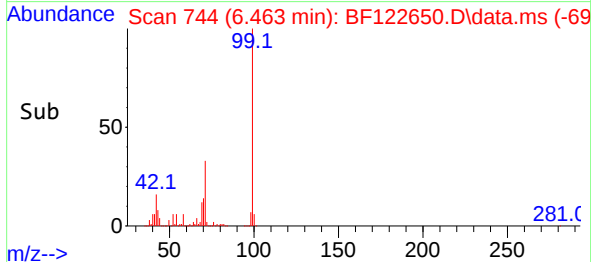
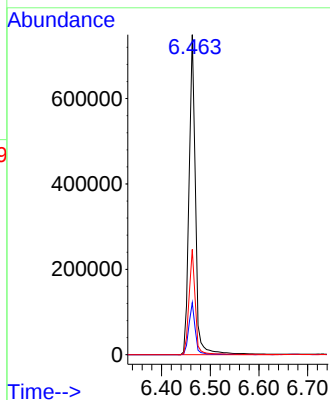
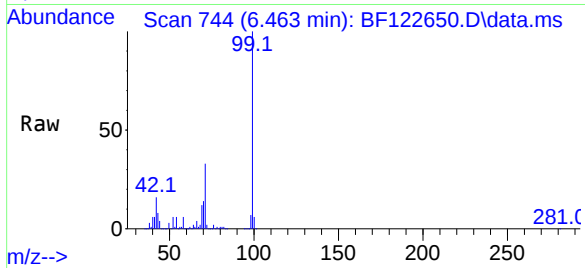




#7
Phenol-d6
Concen: 51.59 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

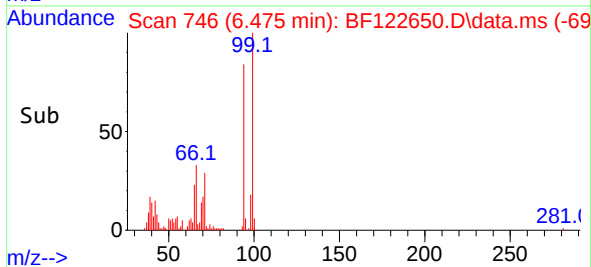
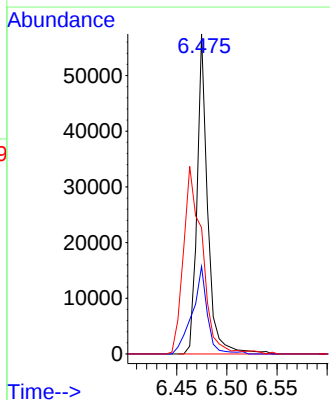
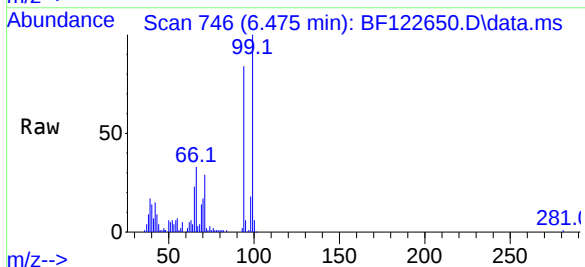
Instrument :
BNA_F
ClientSampleId :
SIDEWALK

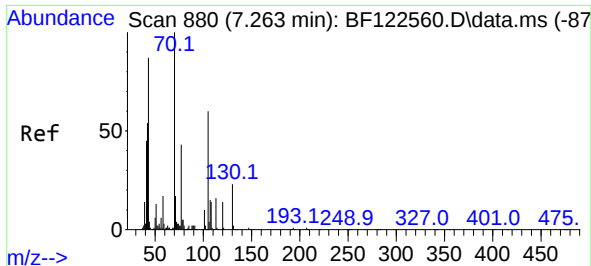
Tgt Ion: 99 Resp: 687136
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 32.9 26.9 40.3



#10
Phenol
Concen: 3.06 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion: 94 Resp: 42227
Ion Ratio Lower Upper
94 100
65 27.4 11.2 51.2
66 39.4 25.8 65.8



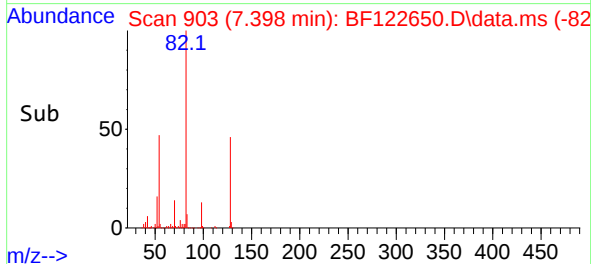
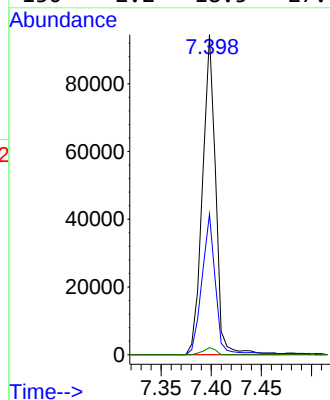
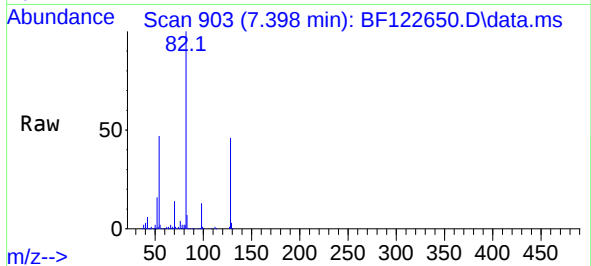


#19
n-Nitroso-di-n-propylamine
Concen: 11.38 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SIDEWALK

Tgt Ion: 70 Resp: 86850

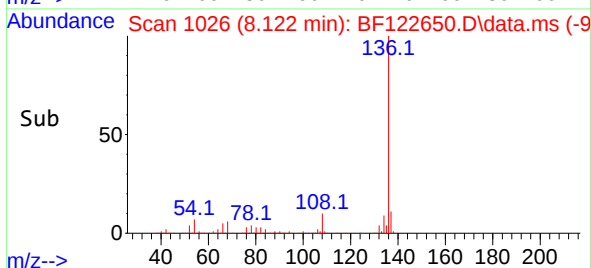
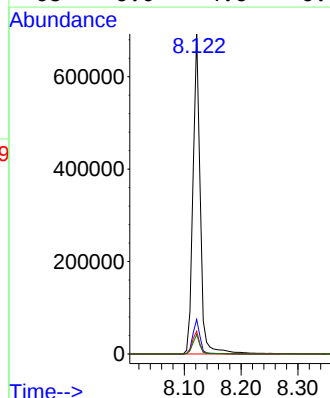
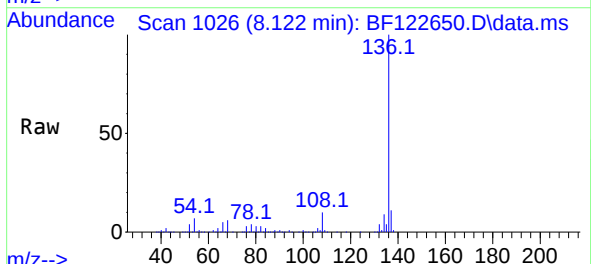
Ion	Ratio	Lower	Upper
70	100		
42	43.9	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#

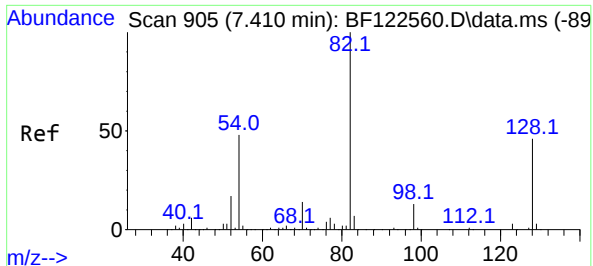


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion: 136 Resp: 617774

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.1	5.5	8.3
68	6.0	4.6	6.8

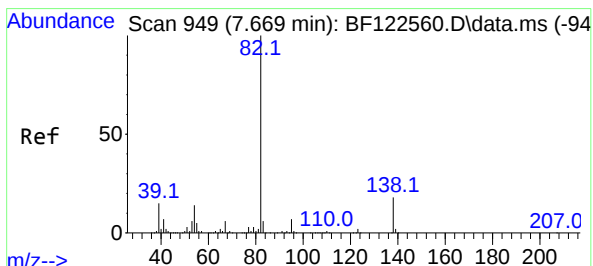
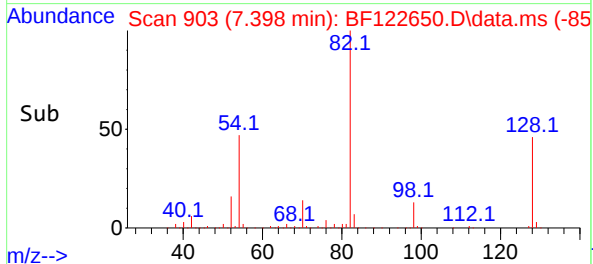
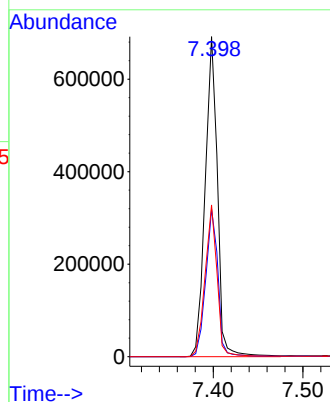
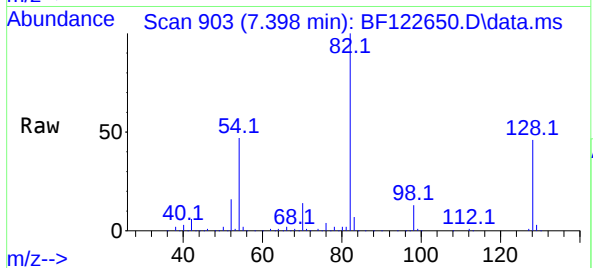




#23
Nitrobenzene-d5
Concen: 53.16 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

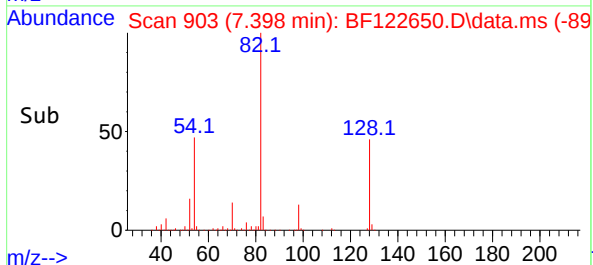
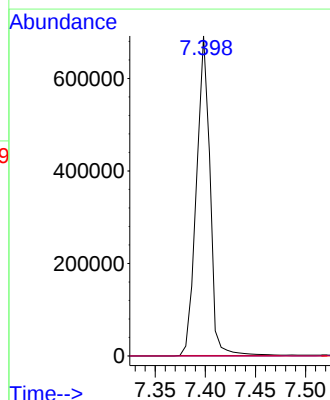
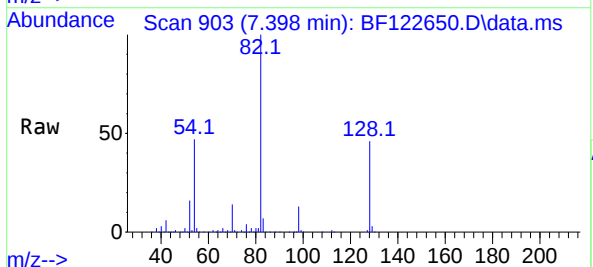
Instrument :
BNA_F
ClientSampleId :
SIDEWALK

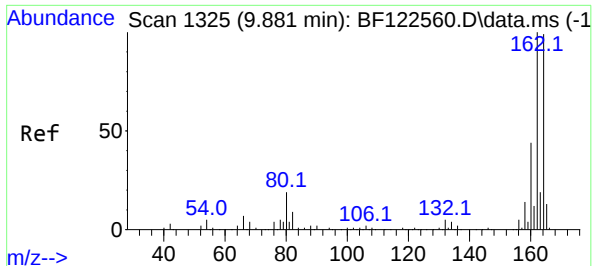
Tgt Ion: 82 Resp: 655420
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 47.4 38.4 57.6



#25
Isophorone
Concen: 30.55 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion: 82 Resp: 648814
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: BF122650.D

Acq: 10 Dec 2020 17:12

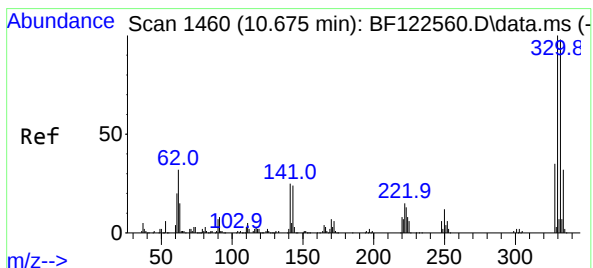
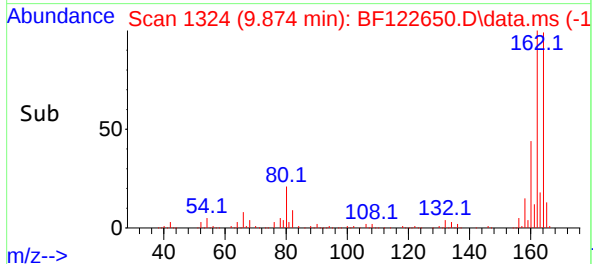
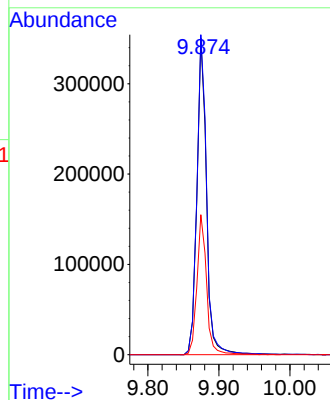
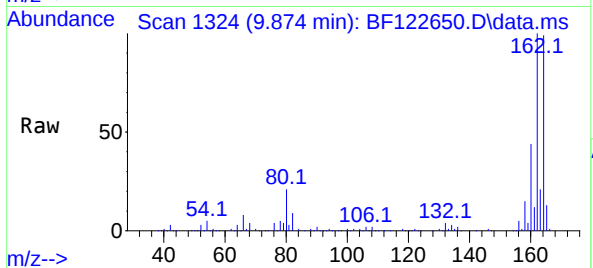
Tgt Ion:164 Resp: 329857

Ion Ratio Lower Upper

164 100

162 101.1 80.8 121.2

160 44.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 0.10 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF122650.D

Acq: 10 Dec 2020 17:12

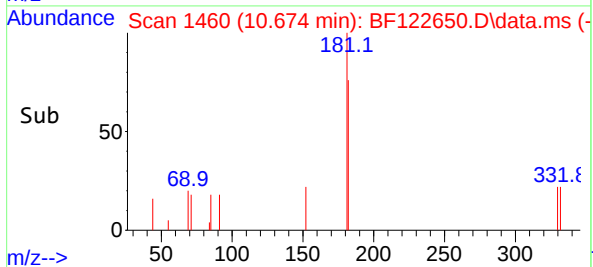
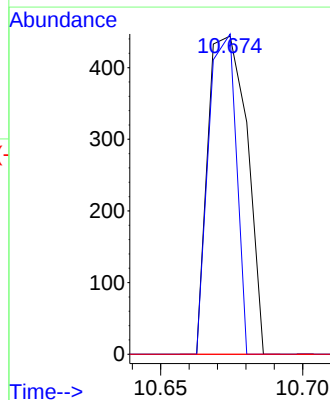
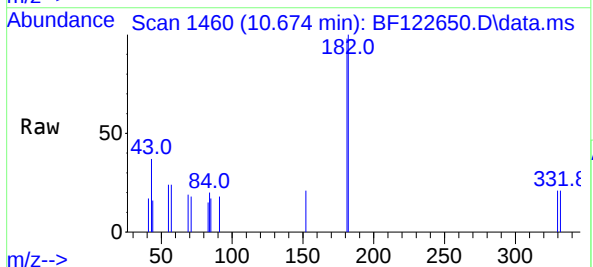
Tgt Ion:330 Resp: 424

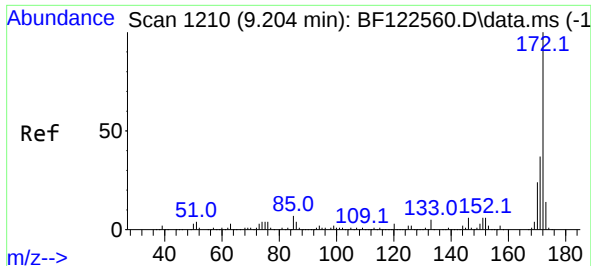
Ion Ratio Lower Upper

330 100

332 71.5 77.5 116.3#

141 0.0 23.8 35.8#

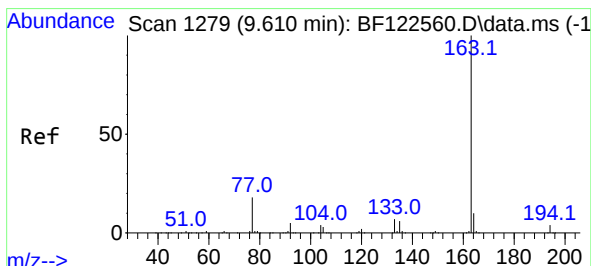
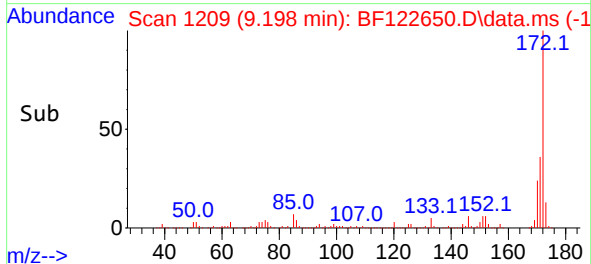
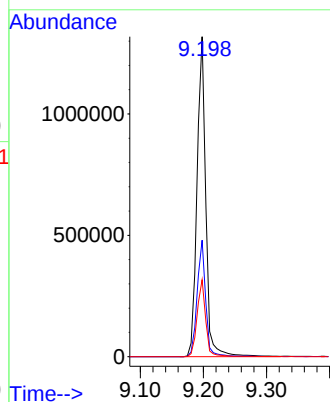
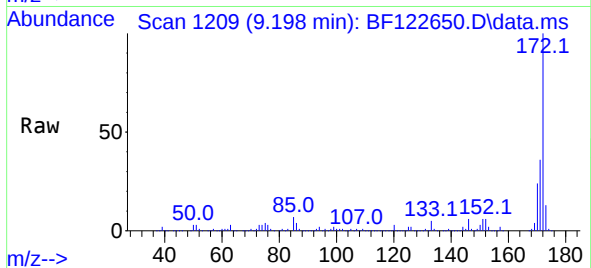




#45
2-Fluorobiphenyl
Concen: 52.14 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

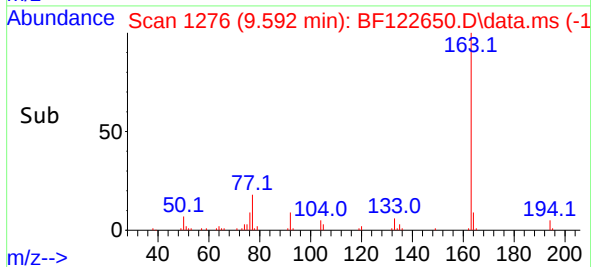
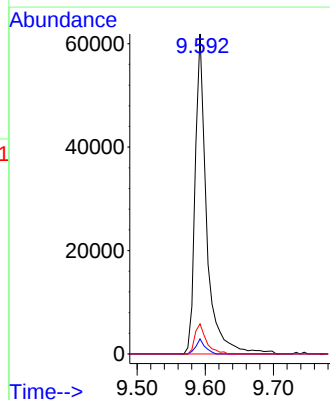
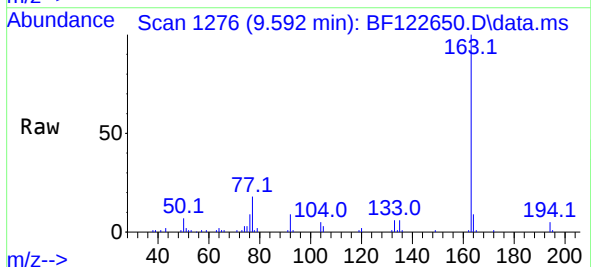
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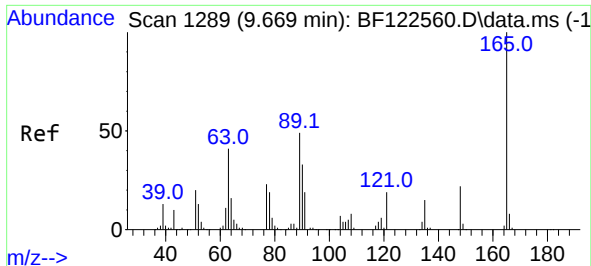
Tgt Ion:172 Resp: 1271472
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 2.74 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:163 Resp: 72071
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 9.4 8.1 12.1

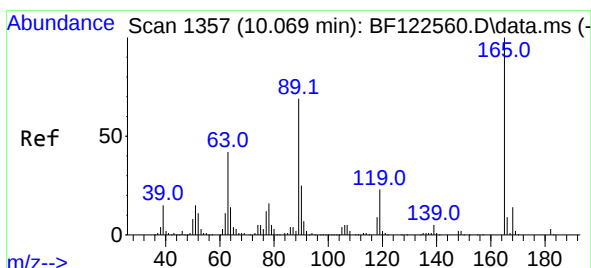
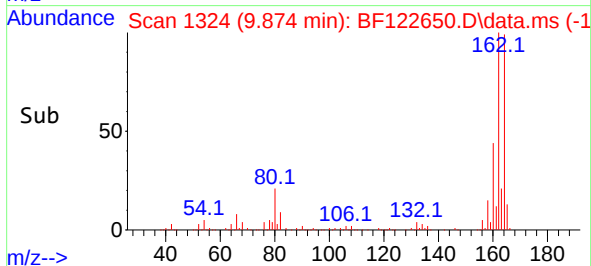
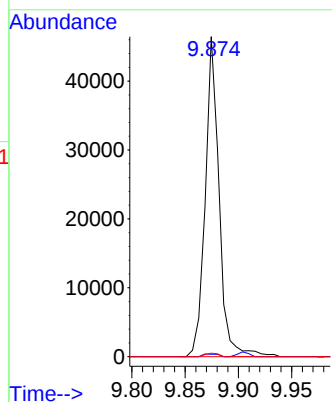
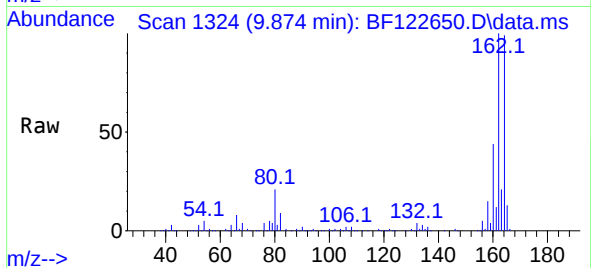




#51
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

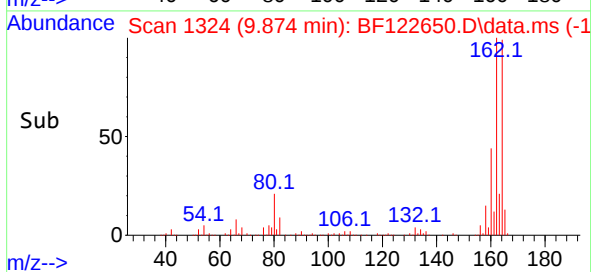
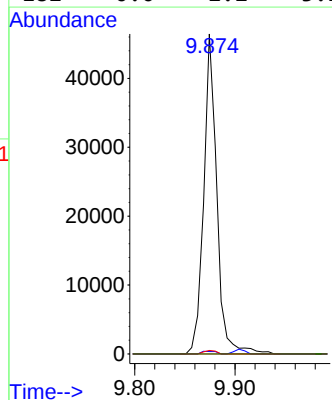
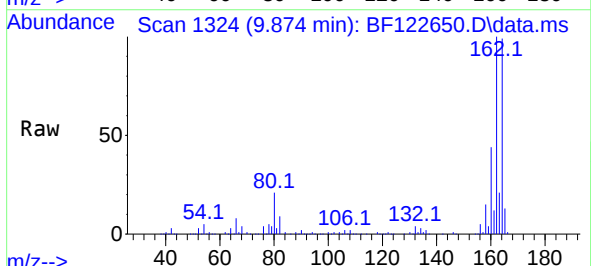
Instrument :
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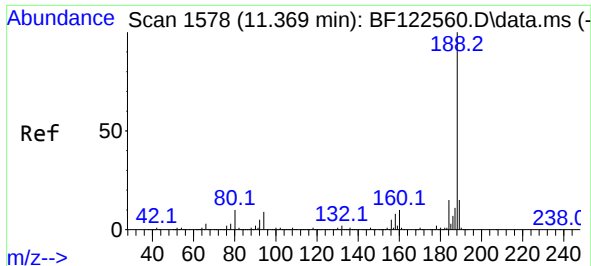
Tgt Ion:165 Resp: 42286
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.1 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:165 Resp: 42287
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.1 55.2 82.8#
182 0.0 2.2 3.2#



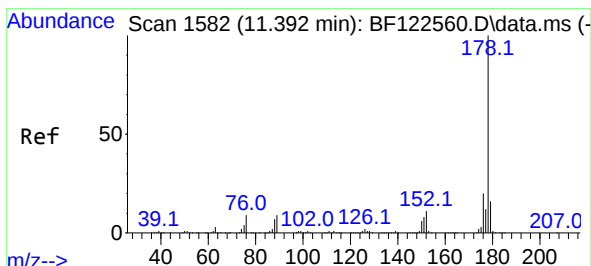
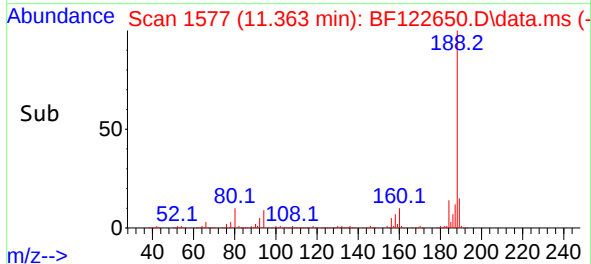
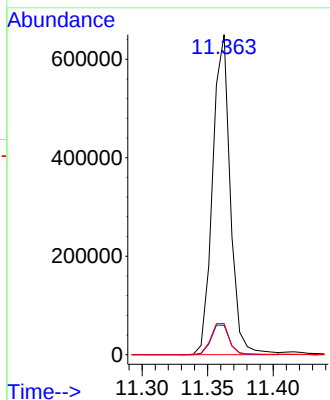
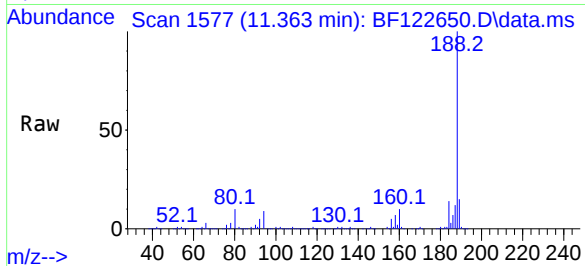


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SIDEWALK

Tgt Ion:188 Resp: 609520

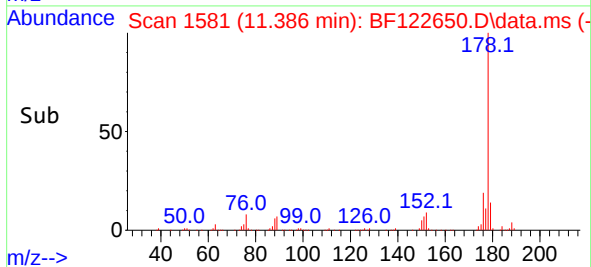
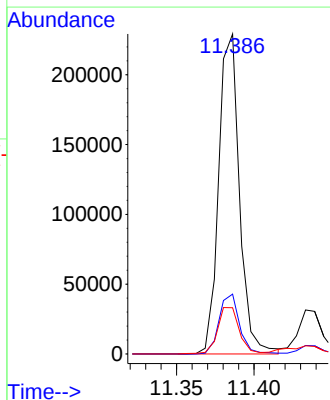
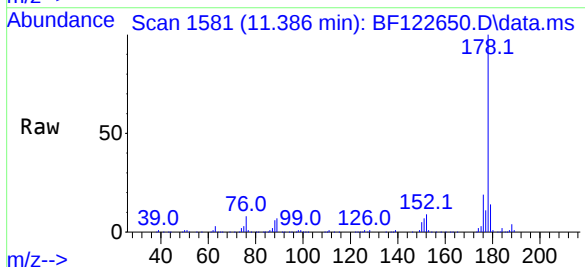
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	9.7	8.2	12.4

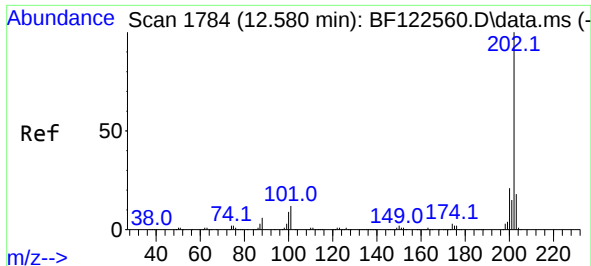


#71
Phenanthrene
Concen: 5.91 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:178 Resp: 213973

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.2
179	14.5	12.7	19.1

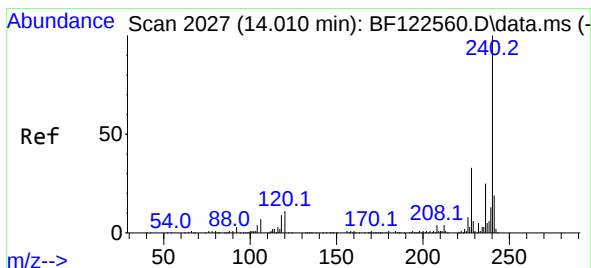
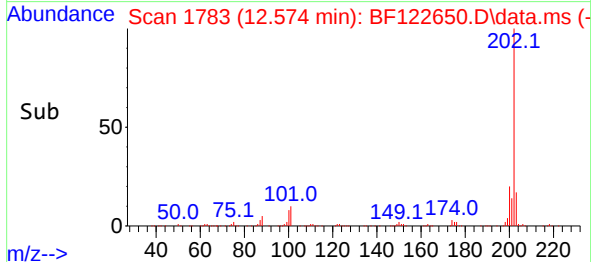
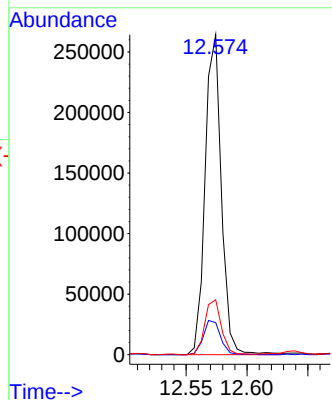
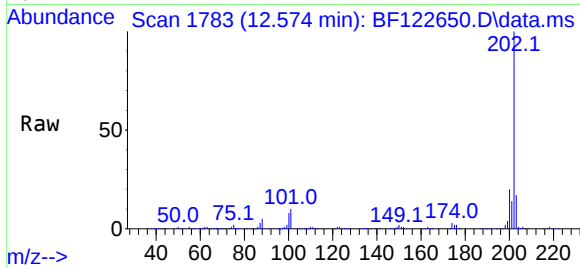




#75
Fluoranthene
Concen: 6.43 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

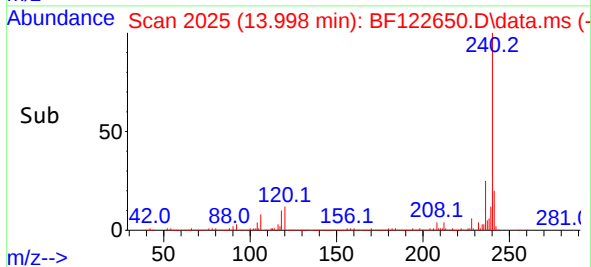
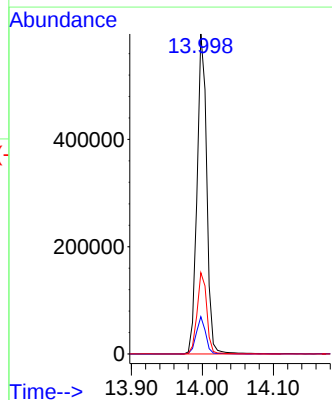
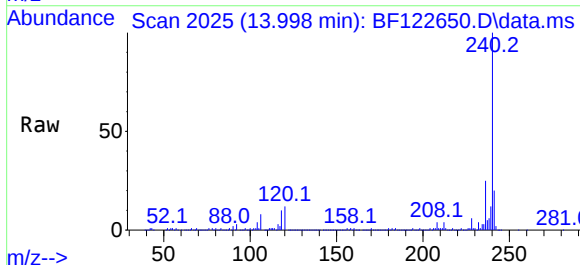
Instrument :
BNA_F
ClientSampleId :
SIDEWALK

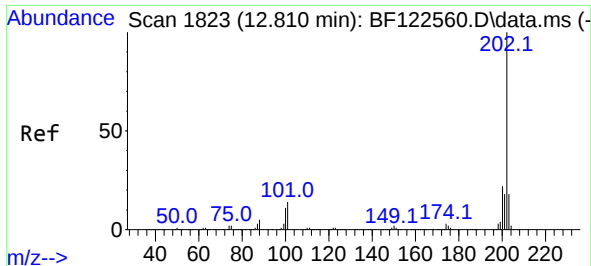
Tgt Ion:	202	Resp:	244265
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	32.2
203	17.2	0.0	38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:	240	Resp:	567694
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.6	12.8
236	25.4	20.3	30.5



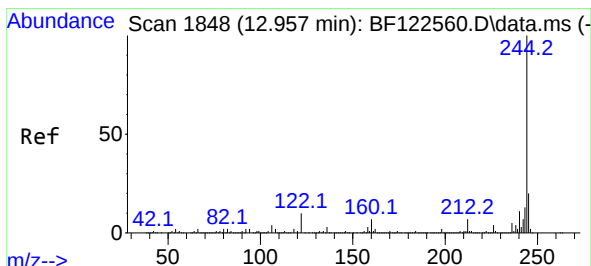
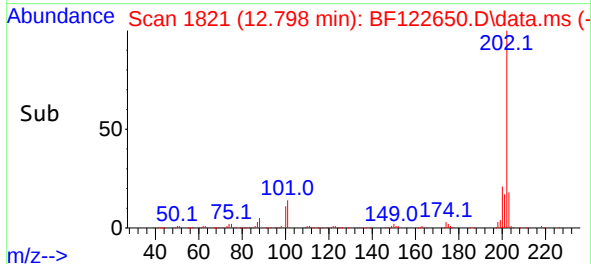
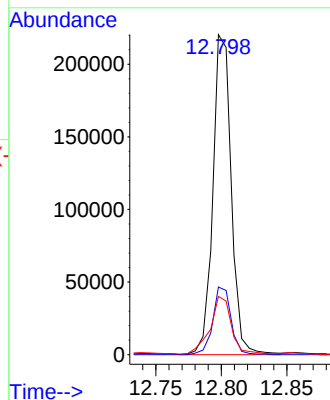
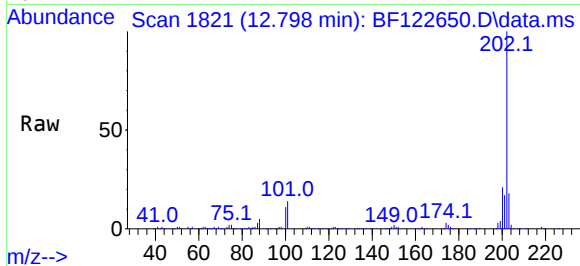


#78
Pyrene
Concen: 4.90 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SIDEWALK

Tgt Ion:202 Resp: 215146

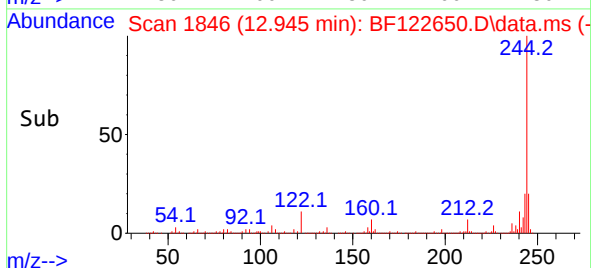
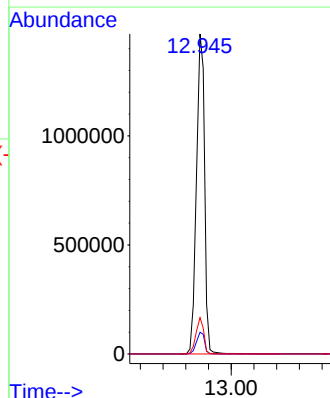
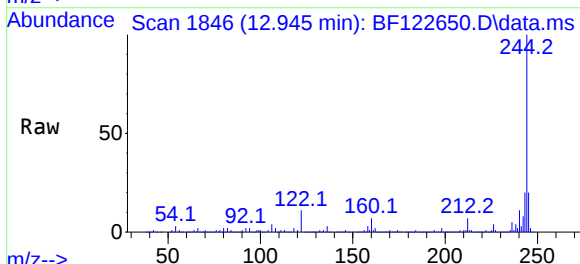
Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.2	14.6	21.8

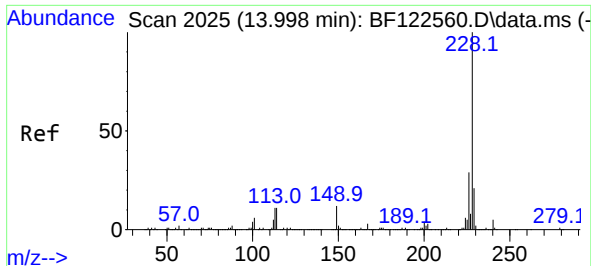


#79
Terphenyl-d14
Concen: 45.39 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:244 Resp: 1472052

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.4	8.3	12.5

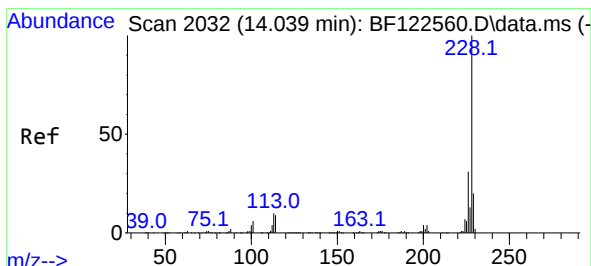
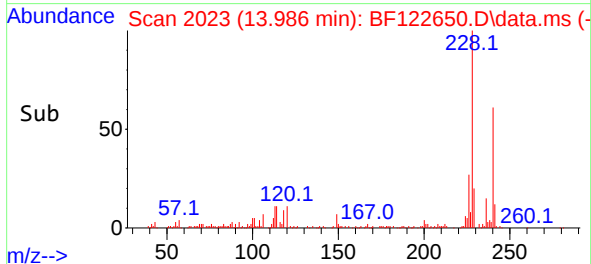
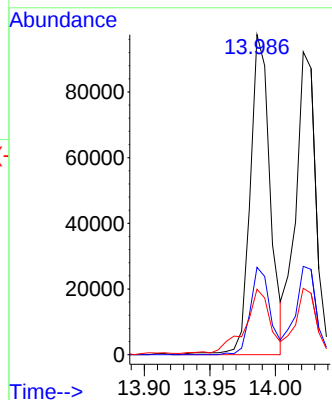
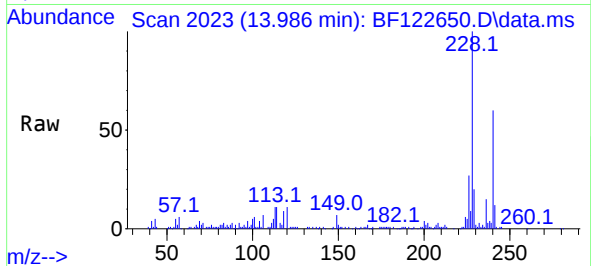




#81
Benzo(a)anthracene
Concen: 2.71 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

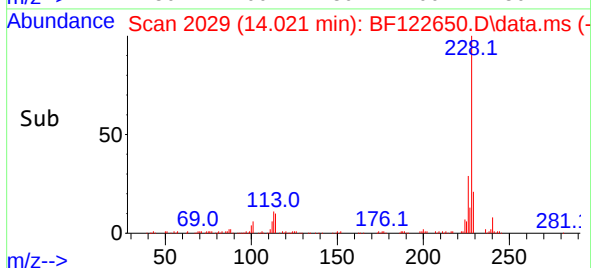
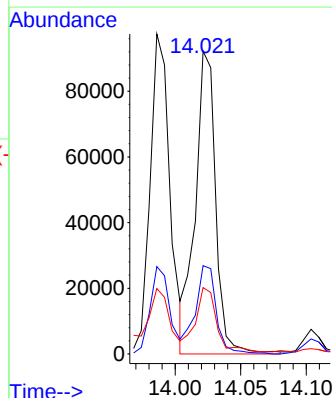
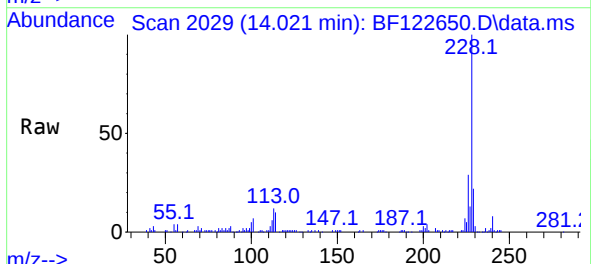
Instrument :
BNA_F
ClientSampleId :
SIDEWALK

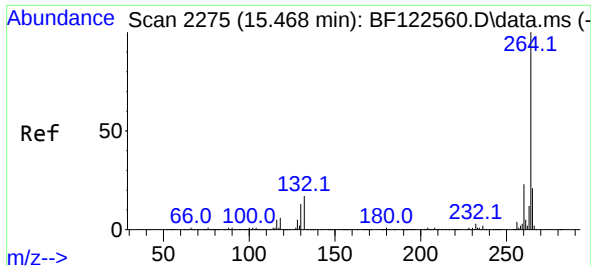
Tgt Ion:228 Resp: 102978
Ion Ratio Lower Upper
228 100
226 27.3 23.0 34.4
229 20.5 16.6 24.8



#83
Chrysene
Concen: 2.65 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.018 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:228 Resp: 100013
Ion Ratio Lower Upper
228 100
226 29.2 24.6 36.8
229 21.9 15.8 23.6



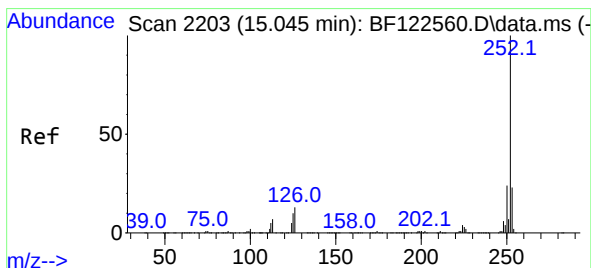
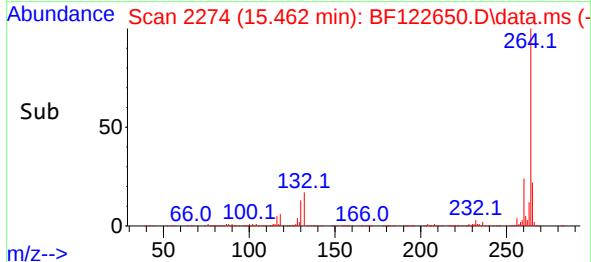
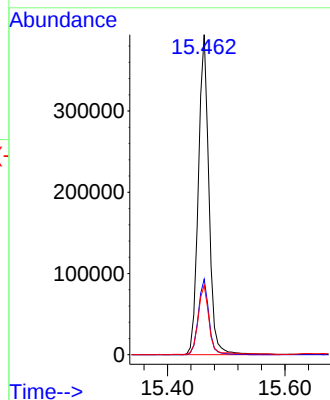
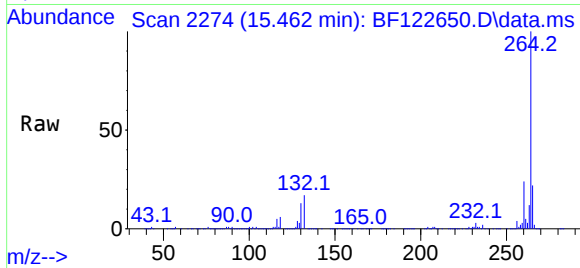


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Instrument :
BNA_F
ClientSampleId :
SIDEWALK

Tgt Ion:264 Resp: 490561

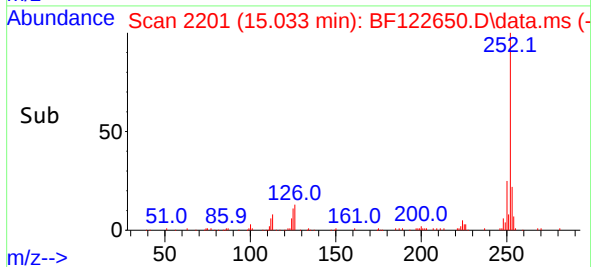
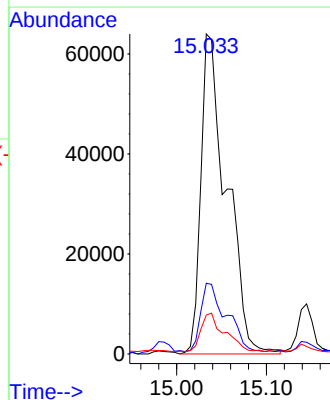
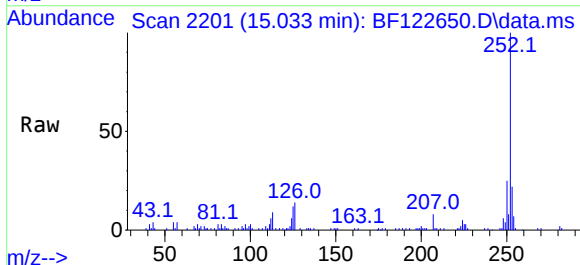
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.6	17.0	25.6

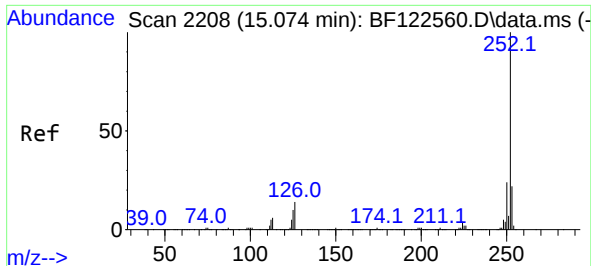


#88
Benzo(b)fluoranthene
Concen: 3.68 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:252 Resp: 126680

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	12.1	8.1	12.1#

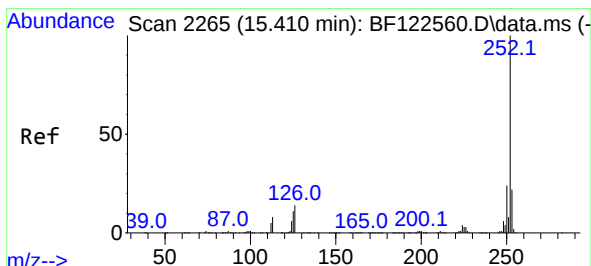
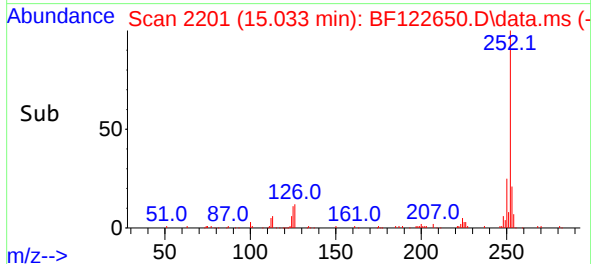
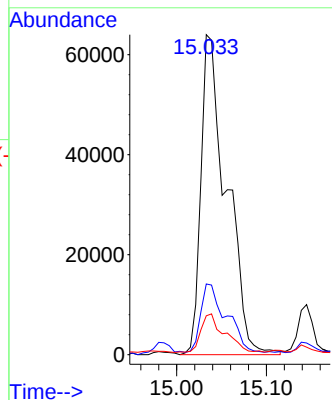
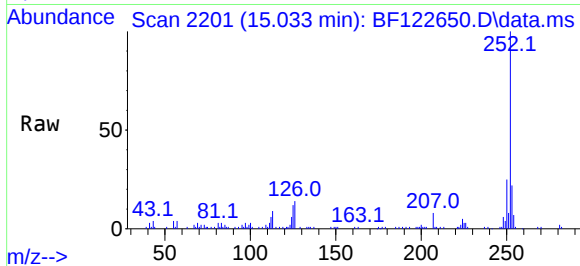




#89
Benzo(k)fluoranthene
Concen: 4.03 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.041 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:252 Resp: 126680
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.1 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
SIDEWALK



#90
Benzo(a)pyrene
Concen: 2.06 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF122650.D
Acq: 10 Dec 2020 17:12

Tgt Ion:252 Resp: 62025
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 12.8 8.6 12.8

