

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
 Data File : BF122651.D
 Acq On : 10 Dec 2020 17:44
 Operator : JU/CG
 Sample : L4989-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-120920

Quant Time: Dec 11 00:35:05 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)

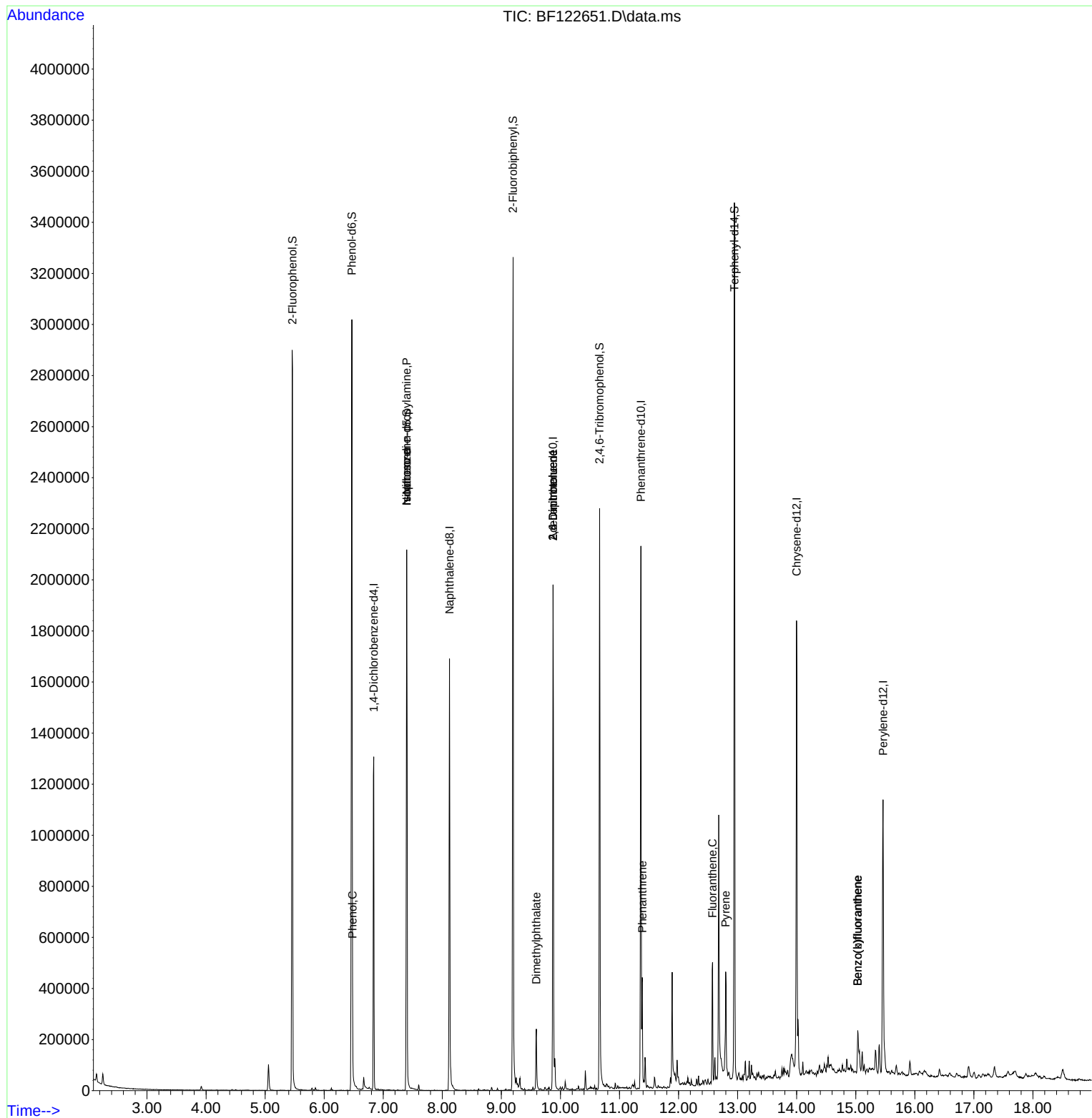
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	199731	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	804950	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	433570	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	779978	20.00	ng	0.00
76) Chrysene-d12	13.998	240	617745	20.00	ng	-0.01
86) Perylene-d12	15.462	264	528599	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	917158	72.70	ng	0.00
7) Phenol-d6	6.469	99	1133380	67.74	ng	-0.01
23) Nitrobenzene-d5	7.398	82	701745	43.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	308970	54.44	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1109077	34.60	ng	0.00
79) Terphenyl-d14	12.945	244	1061083	30.07	ng	-0.01
Target Compounds						
						Qvalue
10) Phenol	6.481	94	87897	5.07	ng	84
19) n-Nitroso-di-n-propyla...	7.398	70	92919	9.69	ng	# 78
25) Isophorone	7.398	82	690418	24.95	ng	# 65
50) Dimethylphthalate	9.592	163	119296	3.45	ng	98
51) 2,6-Dinitrotoluene	9.875	165	55783	7.63	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	55883	5.74	ng	# 26
71) Phenanthrene	11.386	178	160131	3.45	ng	97
75) Fluoranthene	12.574	202	200521	4.13	ng	96
78) Pyrene	12.798	202	168915	3.54	ng	99
88) Benzo(b)fluoranthene	15.033	252	119536	3.22	ng	99
89) Benzo(k)fluoranthene	15.033	252	119536	3.53	ng	99

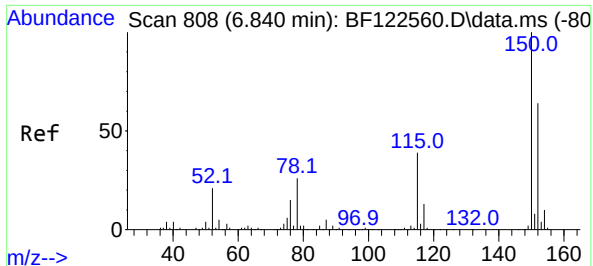
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
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QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

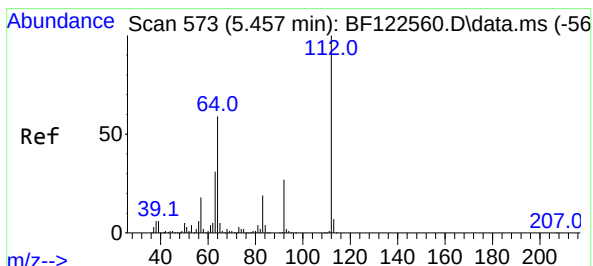
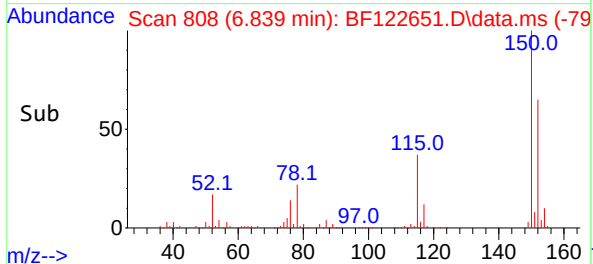
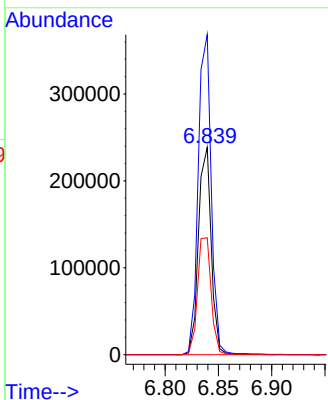
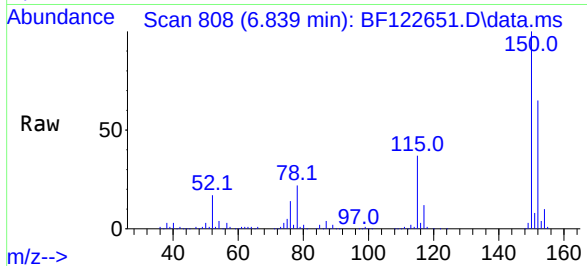




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

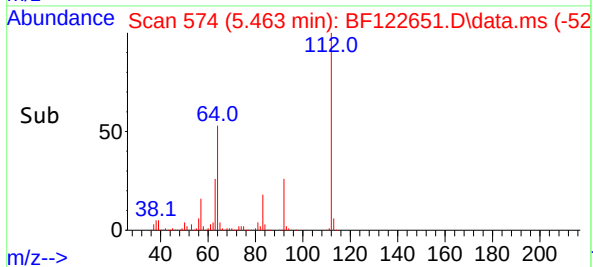
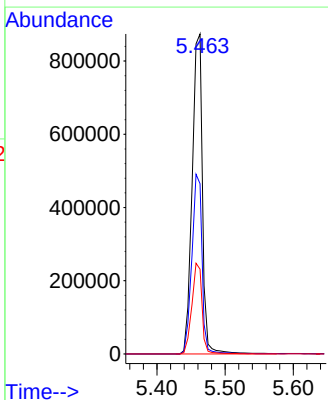
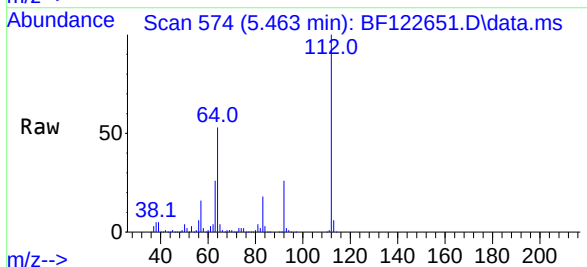
Instrument :
BNA_F
ClientSampleId :
BU-02-120920

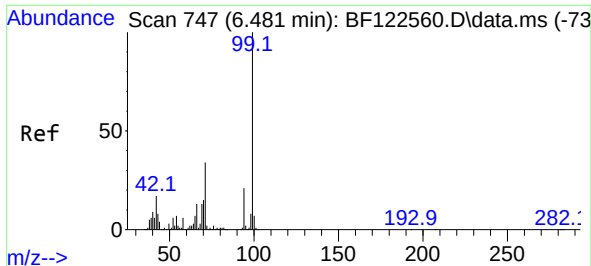
Tgt Ion:152 Resp: 199731
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 56.4 49.3 73.9



#5
2-Fluorophenol
Concen: 72.70 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:112 Resp: 917158
Ion Ratio Lower Upper
112 100
64 53.2 46.9 70.3
63 26.5 24.5 36.7



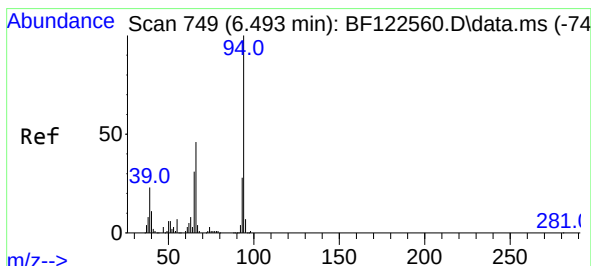
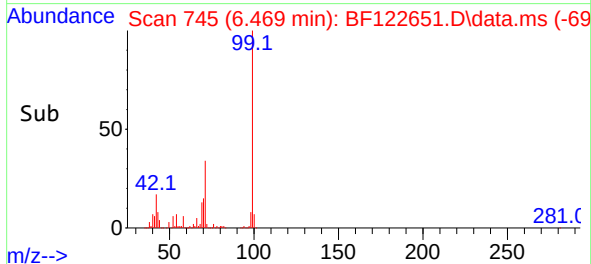
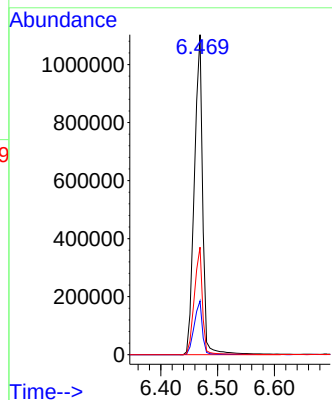
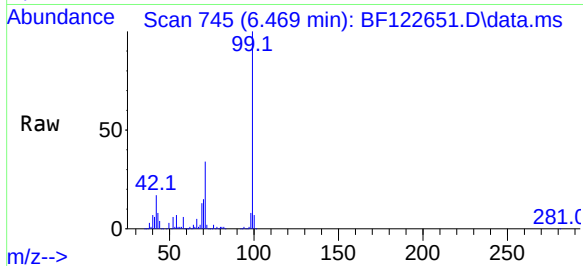


#7
Phenol-d6
Concen: 67.74 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Instrument :
BNA_F
ClientSampleId :
BU-02-120920

Tgt Ion: 99 Resp: 1133380

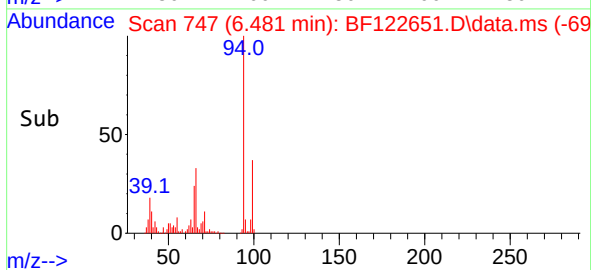
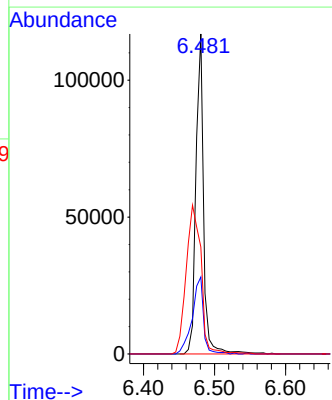
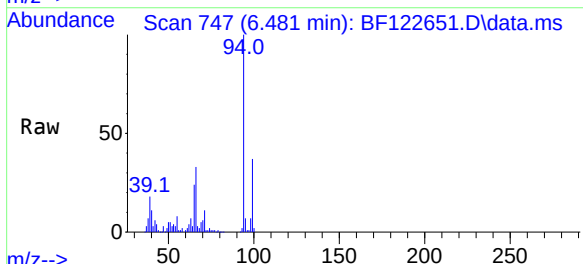
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.6
71	33.6	26.9	40.3

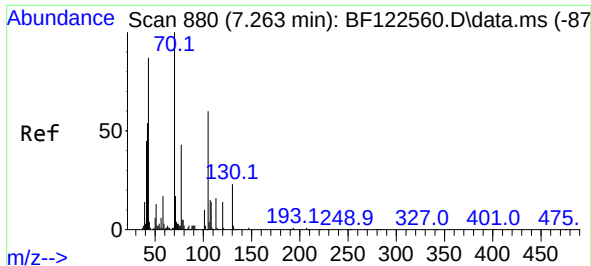


#10
Phenol
Concen: 5.07 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion: 94 Resp: 87897

Ion	Ratio	Lower	Upper
94	100		
65	24.0	11.2	51.2
66	33.4	25.8	65.8



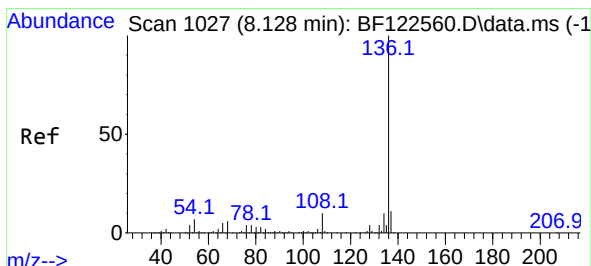
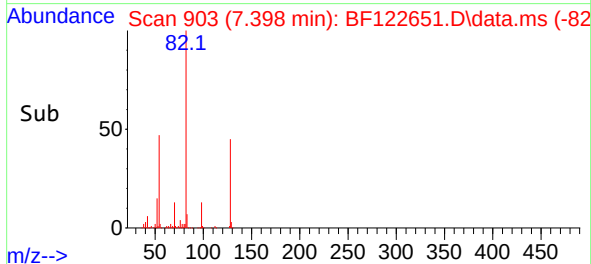
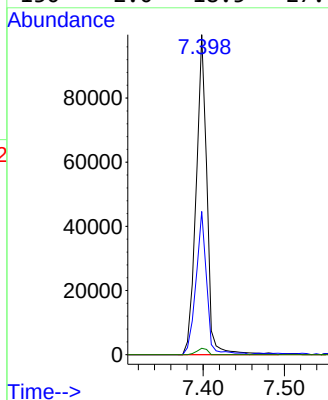
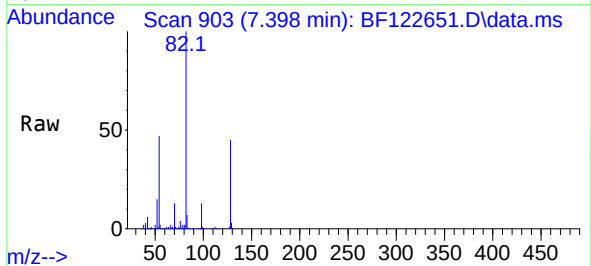


#19
n-Nitroso-di-n-propylamine
Concen: 9.69 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Instrument :
BNA_F
ClientSampleId :
BU-02-120920

Tgt Ion: 70 Resp: 92919

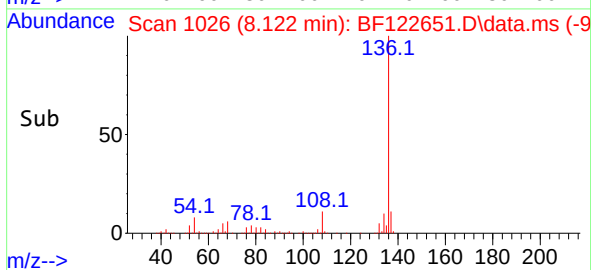
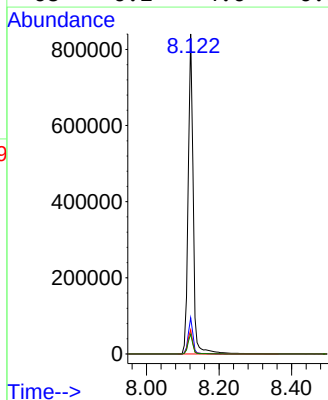
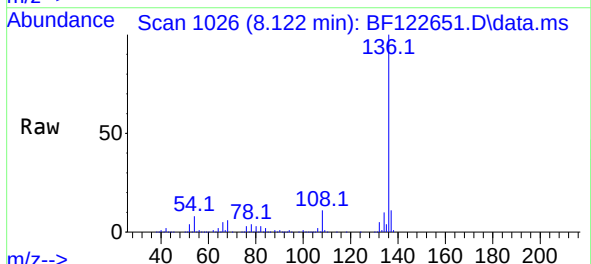
Ion	Ratio	Lower	Upper
70	100		
42	44.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#

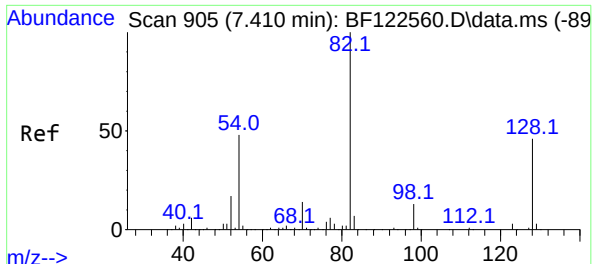


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion: 136 Resp: 804950

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.5	5.5	8.3
68	6.2	4.6	6.8

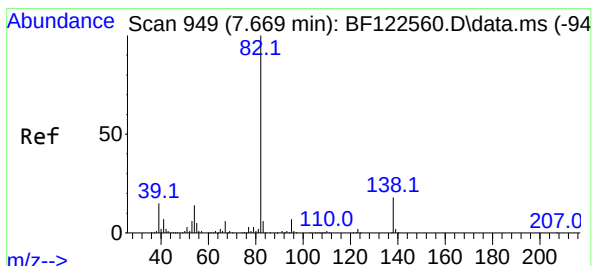
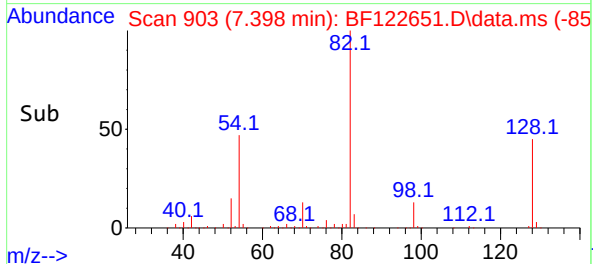
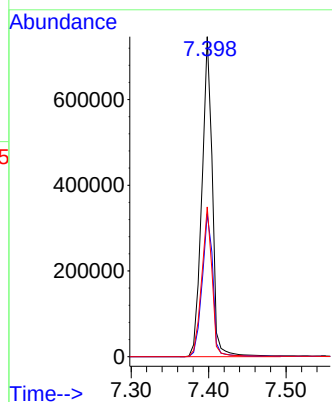
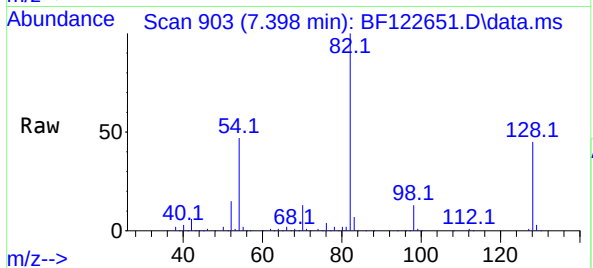




#23
Nitrobenzene-d5
Concen: 43.68 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

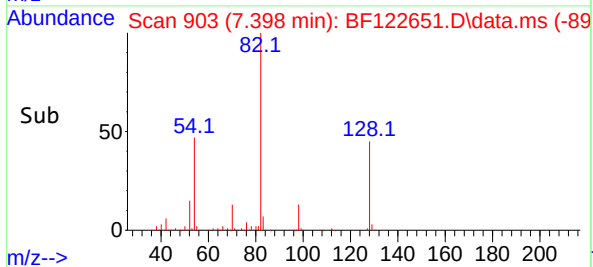
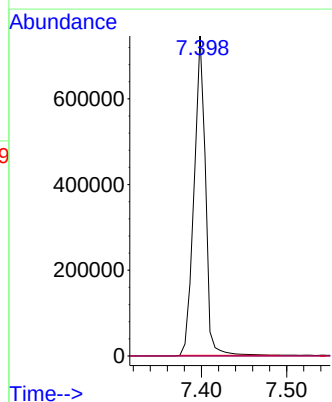
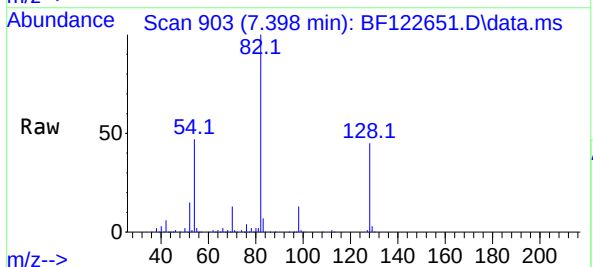
Instrument :
BNA_F
ClientSampleId :
BU-02-120920

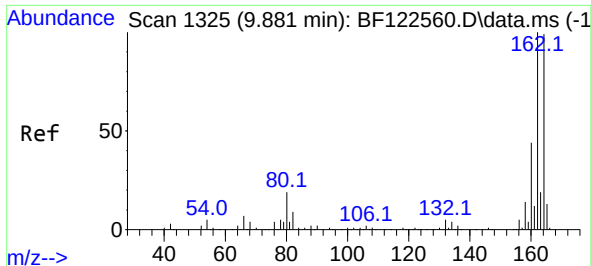
Tgt Ion: 82 Resp: 701745
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.4
54 46.8 38.4 57.6



#25
Isophorone
Concen: 24.95 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion: 82 Resp: 690418
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

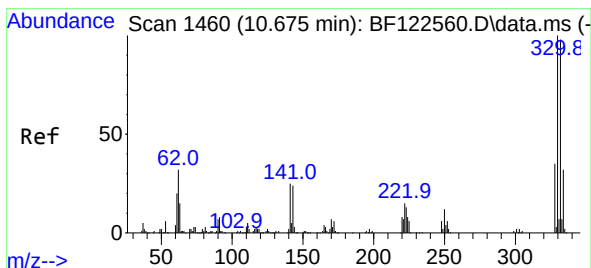
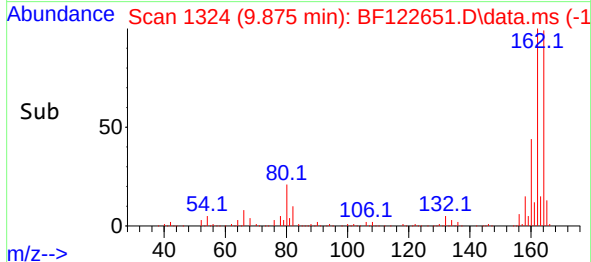
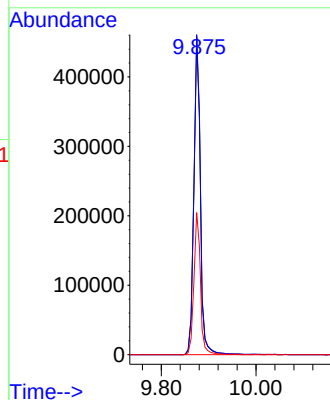
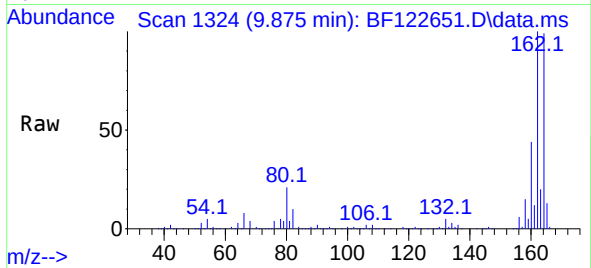




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

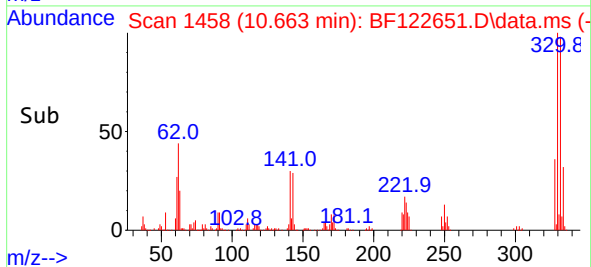
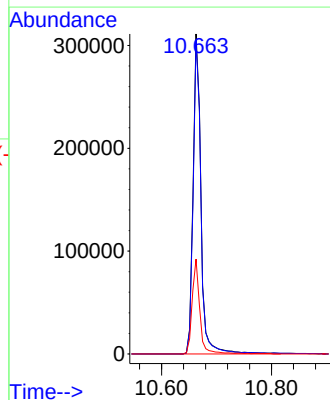
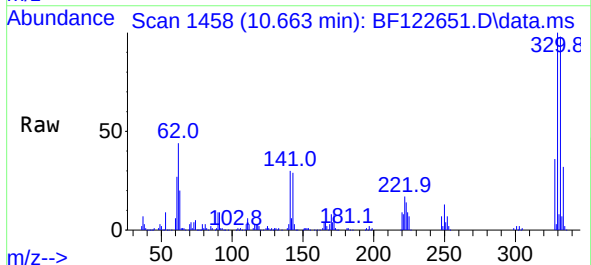
Instrument :
BNA_F
ClientSampleId :
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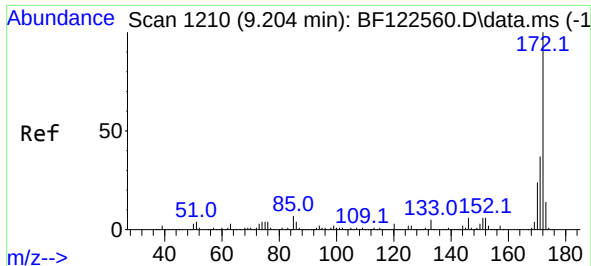
Tgt Ion:164 Resp: 433570
Ion Ratio Lower Upper
164 100
162 100.8 80.8 121.2
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 54.44 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:330 Resp: 308970
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.6 23.8 35.8

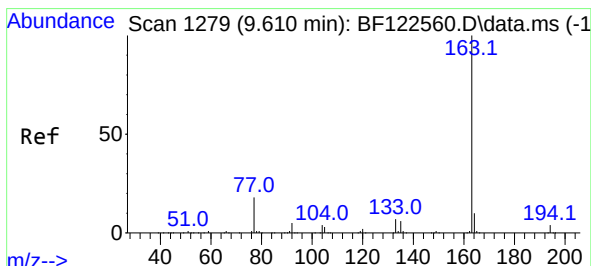
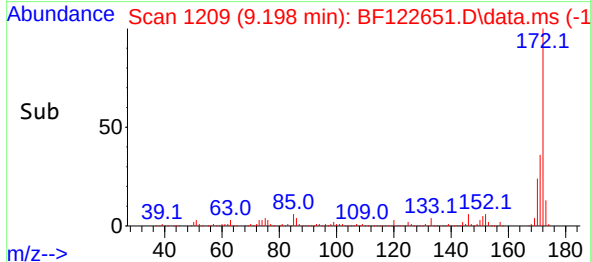
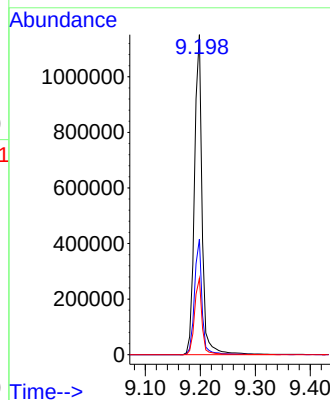
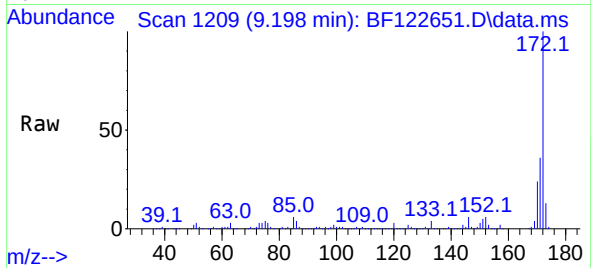




#45
2-Fluorobiphenyl
Concen: 34.60 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

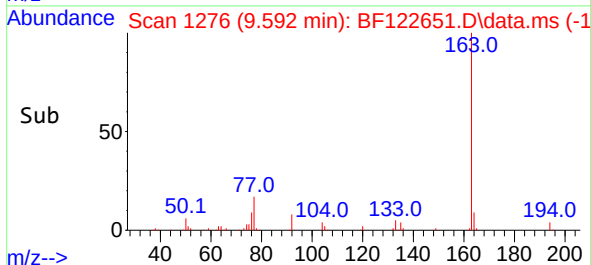
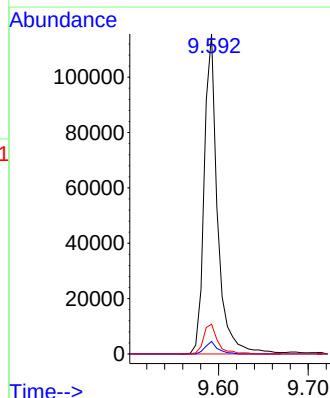
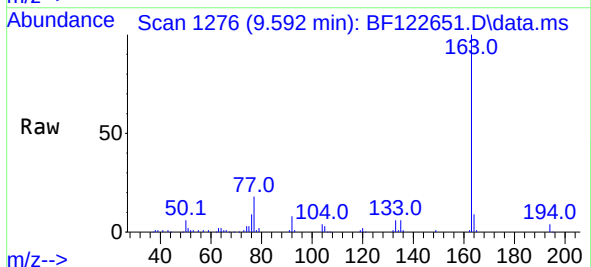
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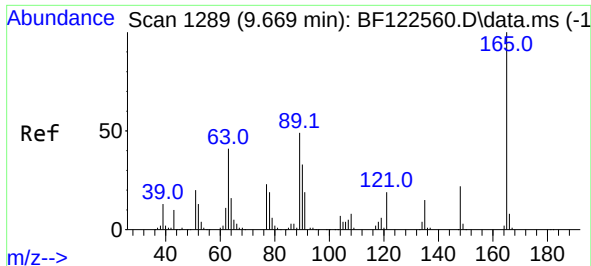
Tgt Ion:172 Resp: 1109077
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 3.45 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:163 Resp: 119296
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.3 8.1 12.1

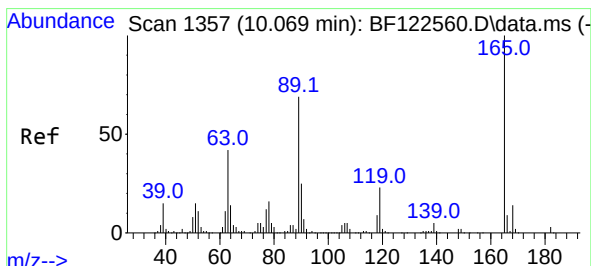
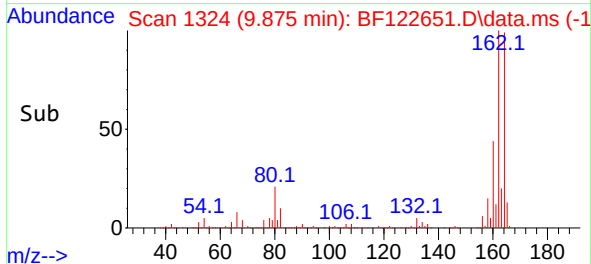
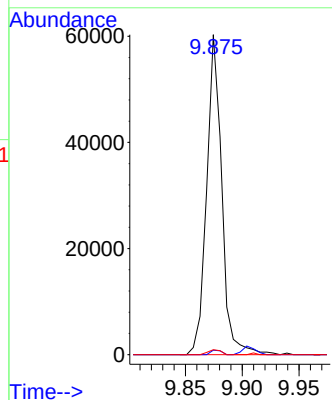
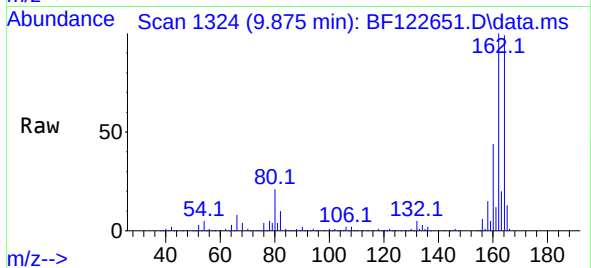




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

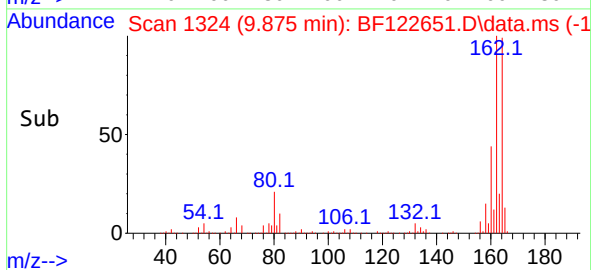
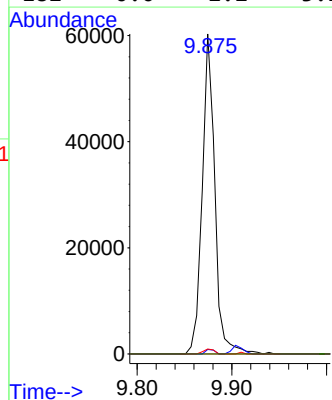
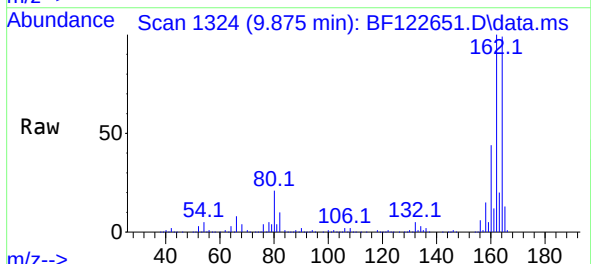
Instrument :
BNA_F
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BU-02-120920

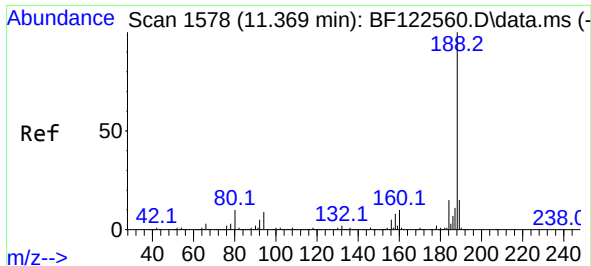
Tgt Ion:165 Resp: 55783
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:165 Resp: 55883
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

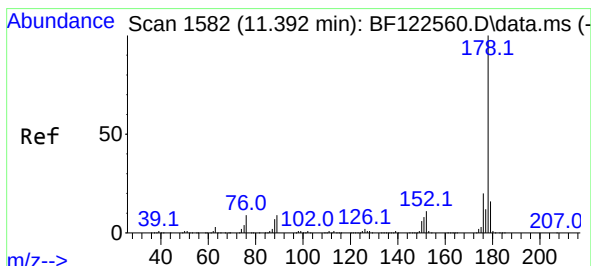
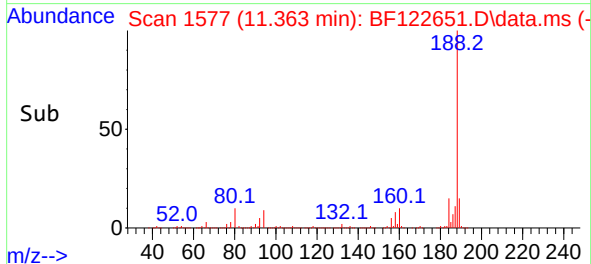
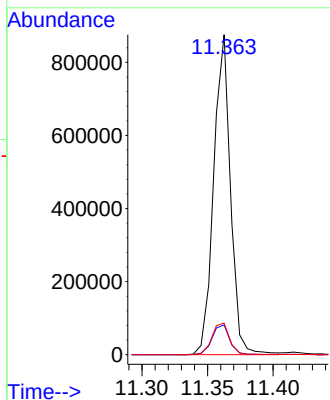
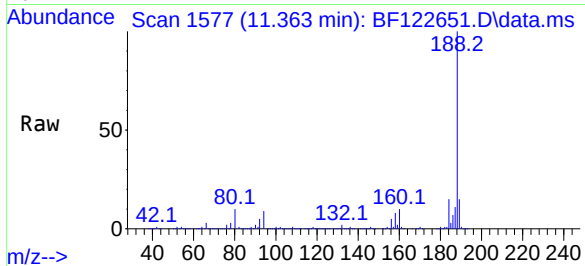




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

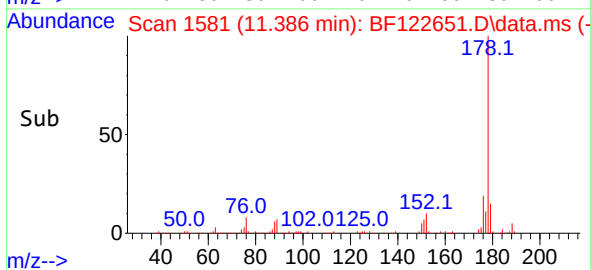
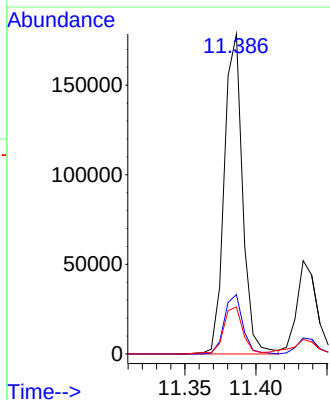
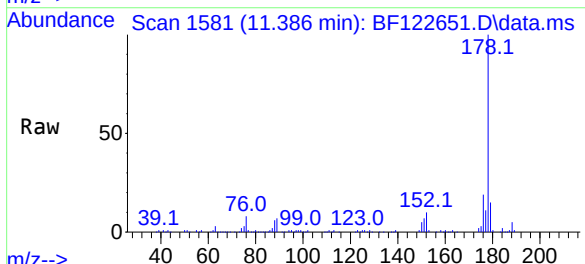
Instrument :
BNA_F
ClientSampleId :
BU-02-120920

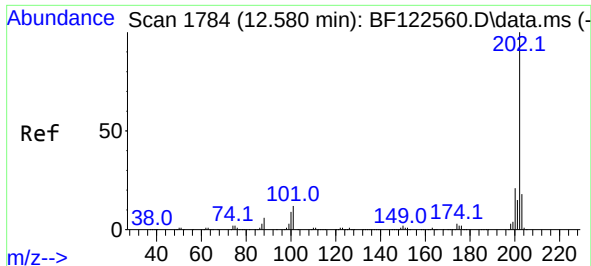
Tgt Ion:188 Resp: 779978
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.9 8.2 12.4



#71
Phenanthrene
Concen: 3.45 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:178 Resp: 160131
Ion Ratio Lower Upper
178 100
176 18.6 16.2 24.2
179 14.7 12.7 19.1

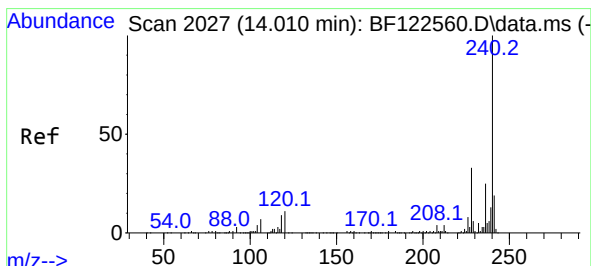
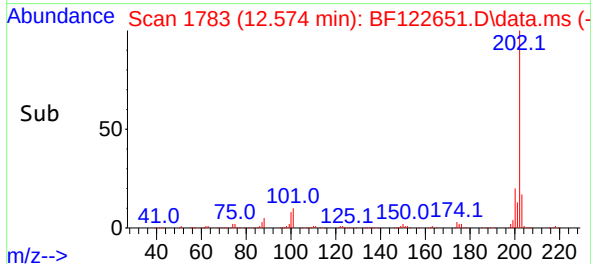
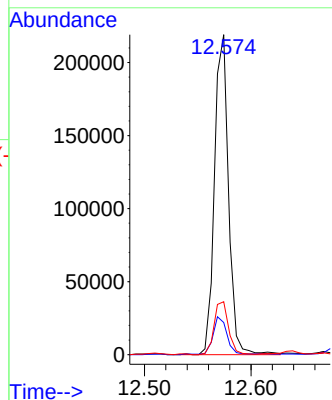
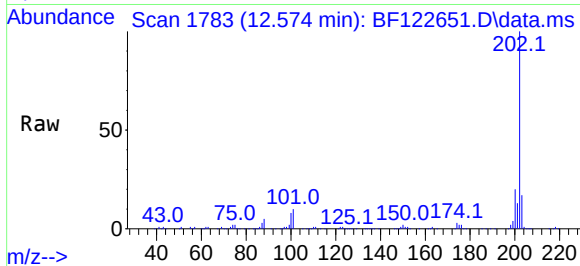




#75
Fluoranthene
Concen: 4.13 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

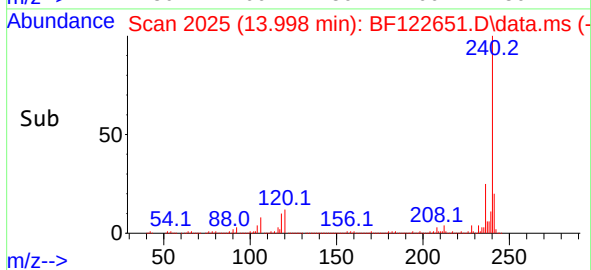
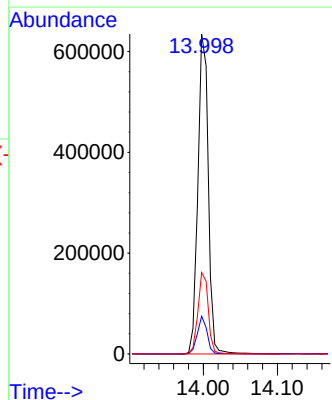
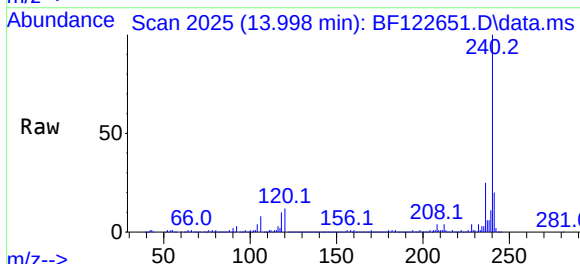
Instrument :
BNA_F
ClientSampleId :
BU-02-120920

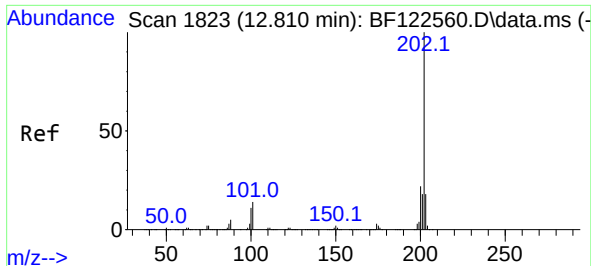
Tgt Ion:202 Resp: 200521
Ion Ratio Lower Upper
202 100
101 10.0 0.0 32.2
203 16.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:240 Resp: 617745
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.5 20.3 30.5



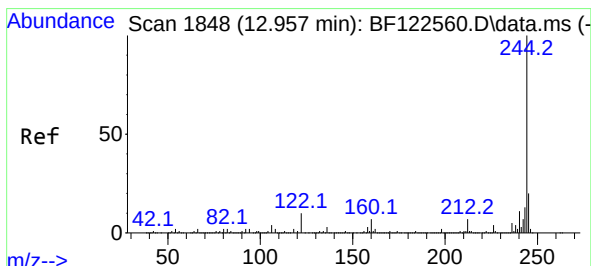
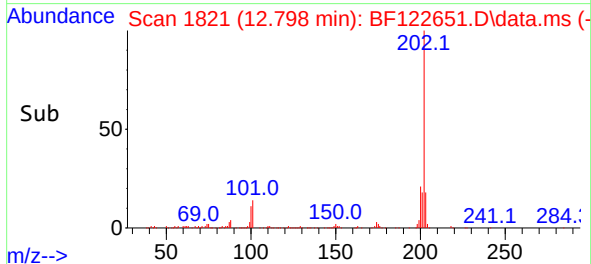
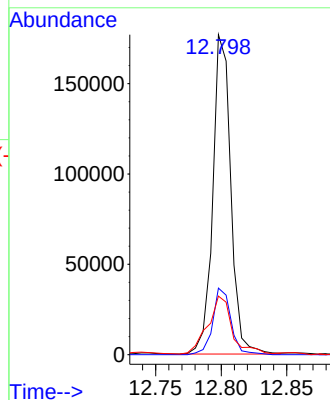
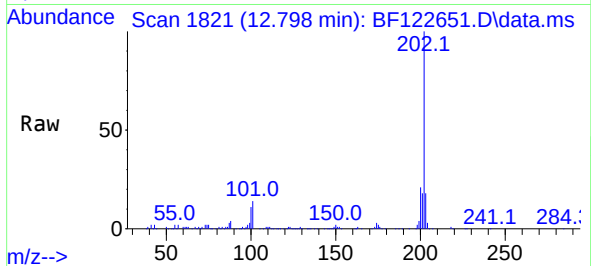


#78
Pyrene
Concen: 3.54 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Instrument :
BNA_F
ClientSampleId :
BU-02-120920

Tgt Ion:202 Resp: 168915

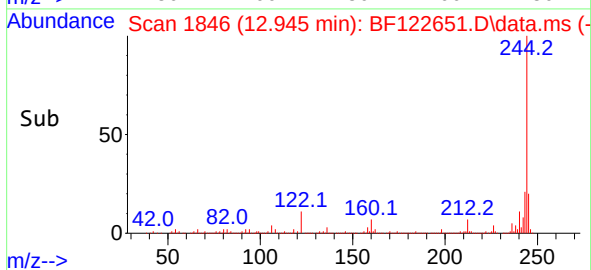
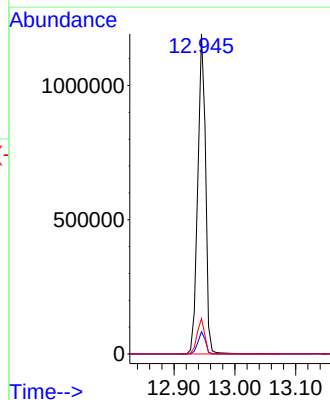
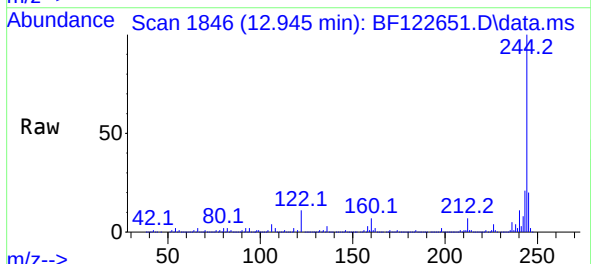
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.3	14.6	21.8

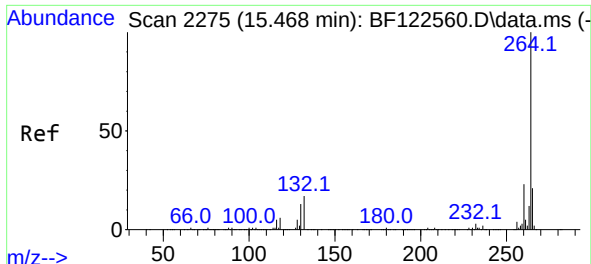


#79
Terphenyl-d14
Concen: 30.07 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:244 Resp: 1061083

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.1	8.3	12.5



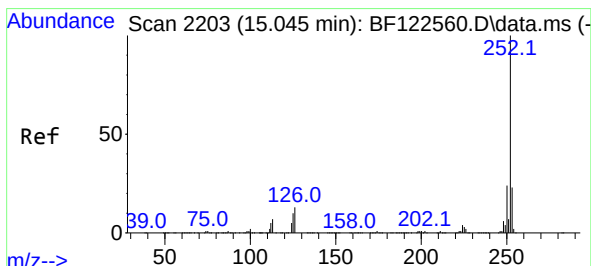
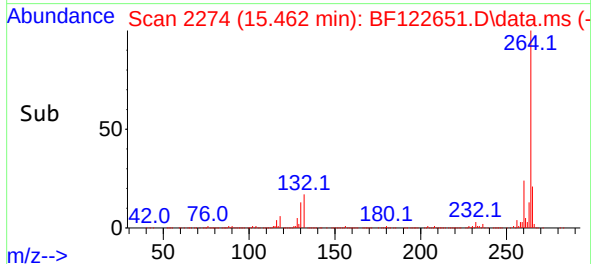
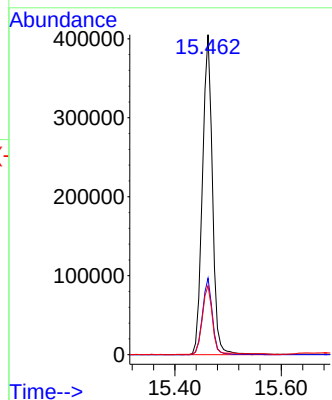
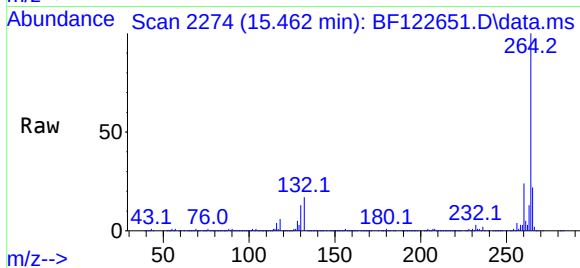


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Instrument :
BNA_F
ClientSampleId :
BU-02-120920

Tgt Ion:264 Resp: 528599

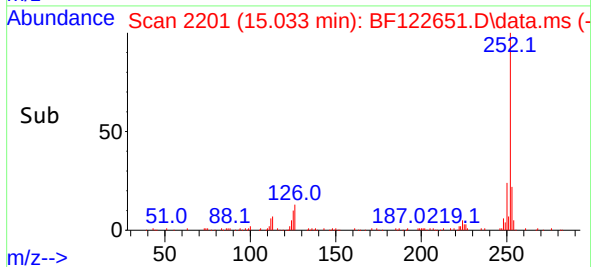
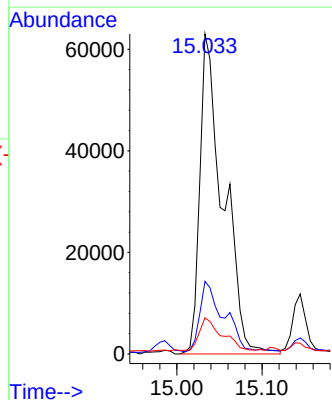
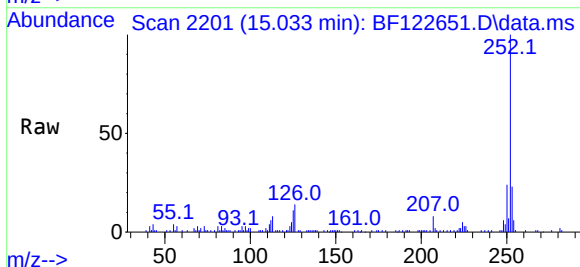
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.5	17.0	25.6

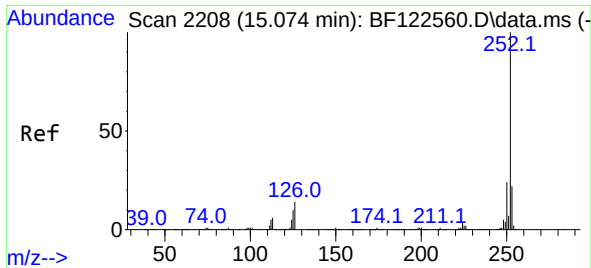


#88
Benzo(b)fluoranthene
Concen: 3.22 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Tgt Ion:252 Resp: 119536

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	11.3	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 3.53 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.041 min
Lab File: BF122651.D
Acq: 10 Dec 2020 17:44

Instrument :
BNA_F
ClientSampleId :
BU-02-120920

Tgt Ion:252 Resp: 119536
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.3 8.4 12.6

