

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122600.D
 Acq On : 8 Dec 2020 21:24
 Operator : JU/CG
 Sample : L4966-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239995

Quant Time: Dec 09 01:12:48 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)

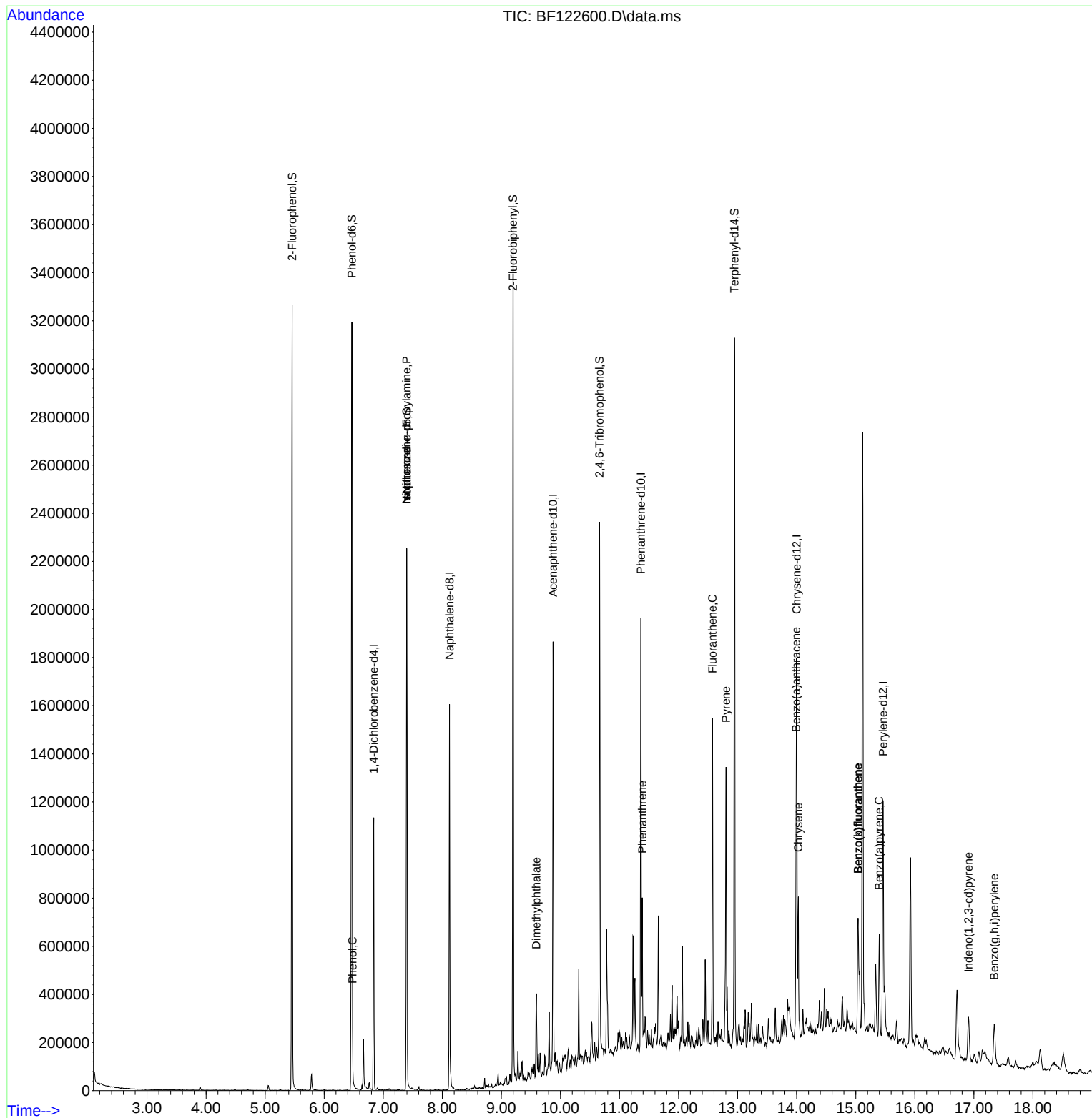
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	168863	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	665444	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	358898	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	644598	20.00	ng	0.00
76) Chrysene-d12	13.998	240	461837	20.00	ng	-0.01
86) Perylene-d12	15.462	264	462518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	921270	86.37	ng	0.00
7) Phenol-d6	6.469	99	1154540	81.62	ng	-0.01
23) Nitrobenzene-d5	7.398	82	717673	54.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	287100	61.11	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1070180	40.33	ng	0.00
79) Terphenyl-d14	12.945	244	961284	36.43	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.481	94	44573	3.04	ng	86
19) n-Nitroso-di-n-propyla...	7.398	70	94669	11.68	ng	# 76
25) Isophorone	7.398	82	710826	31.07	ng	# 65
50) Dimethylphthalate	9.592	163	125194	4.37	ng	100
71) Phenanthrene	11.386	178	219047	5.72	ng	98
75) Fluoranthene	12.574	202	501693	12.49	ng	98
78) Pyrene	12.804	202	463954	12.99	ng	98
81) Benzo(a)anthracene	13.992	228	229295	7.43	ng	94
83) Chrysene	14.027	228	233391	7.60	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	125967	4.15	ng	96
88) Benzo(b)fluoranthene	15.039	252	367629	11.33	ng	99
89) Benzo(k)fluoranthene	15.039	252	367629	12.39	ng	99
90) Benzo(a)pyrene	15.398	252	196546	6.92	ng	100
92) Benzo(g,h,i)perylene	17.345	276	131812	5.48	ng	97

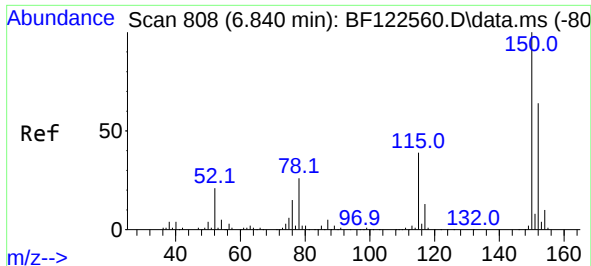
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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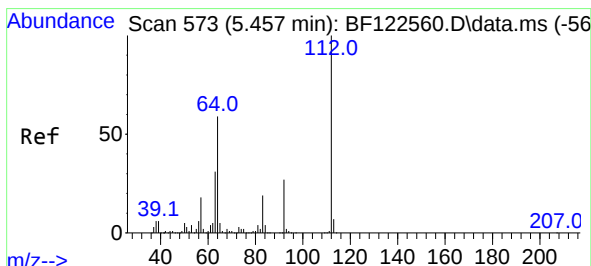
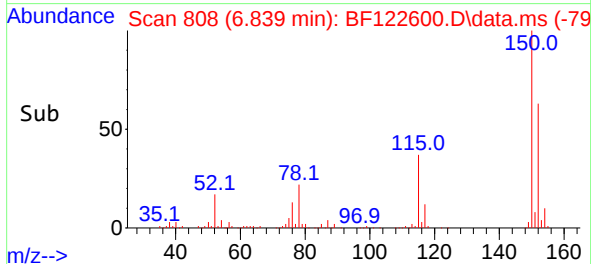
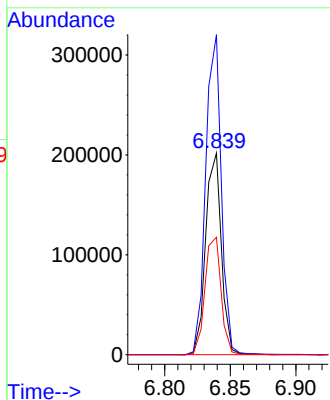
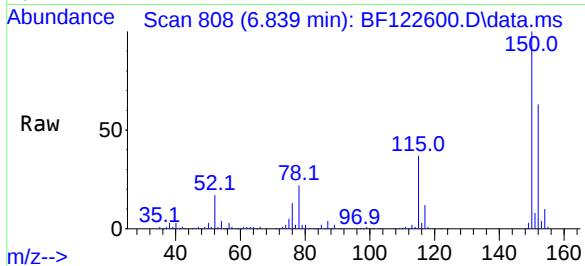




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

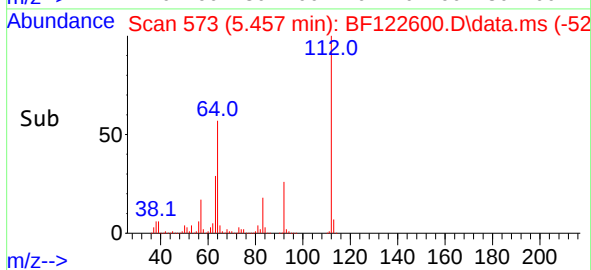
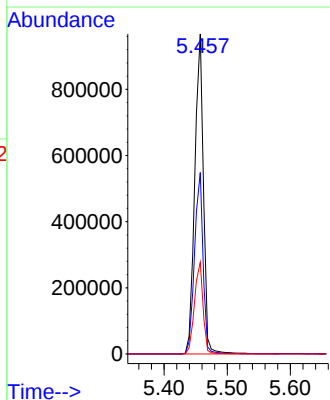
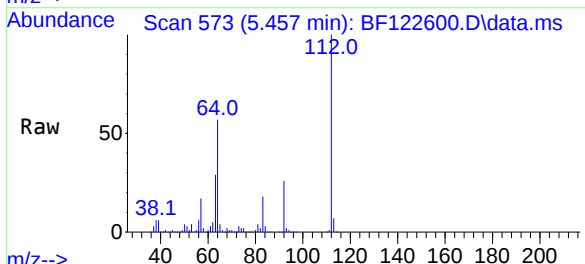
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BNA_F
ClientSampleId :
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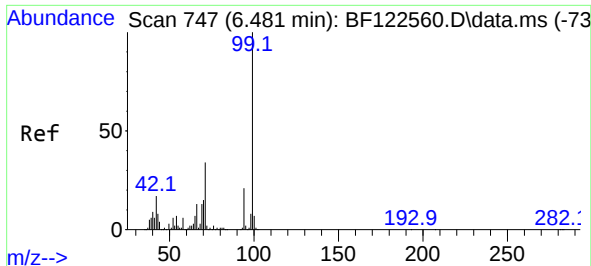
Tgt Ion:152 Resp: 168863
Ion Ratio Lower Upper
152 100
150 158.7 125.8 188.6
115 58.3 49.3 73.9



#5
2-Fluorophenol
Concen: 86.37 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:112 Resp: 921270
Ion Ratio Lower Upper
112 100
64 56.7 46.9 70.3
63 28.7 24.5 36.7

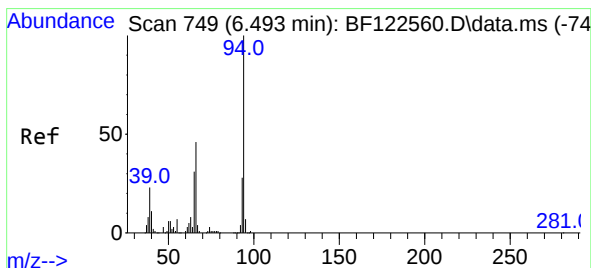
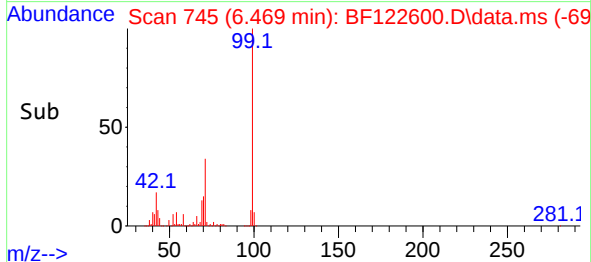
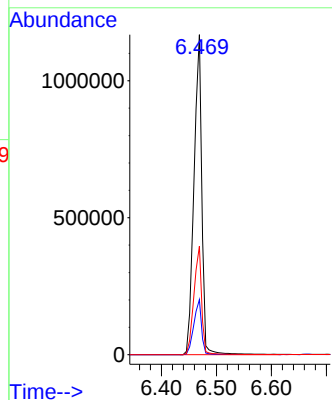
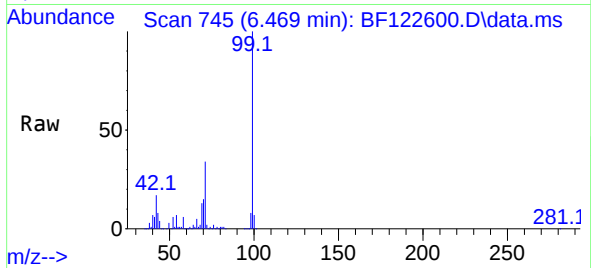




#7
Phenol-d6
Concen: 81.62 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

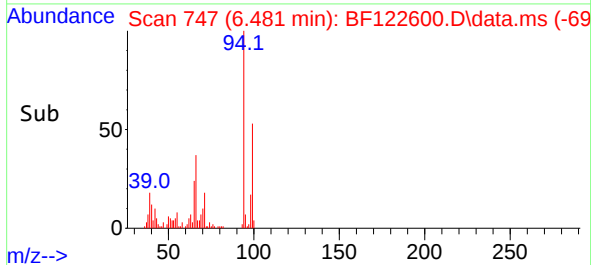
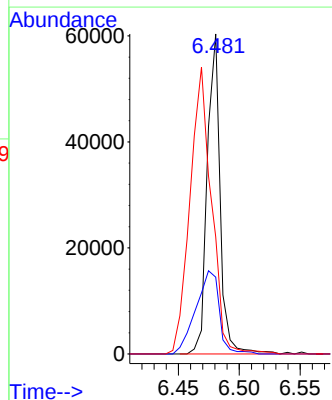
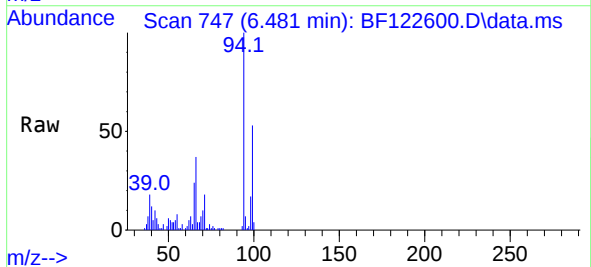
Instrument :
BNA_F
ClientSampleId :
239995

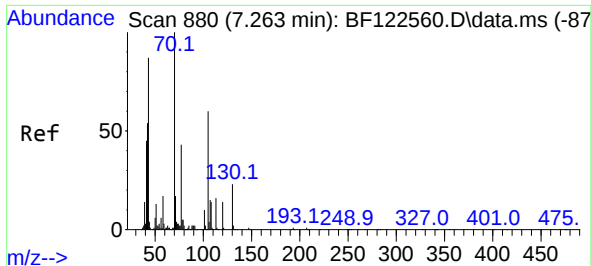
Tgt Ion: 99 Resp: 1154540
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.6
71 33.9 26.9 40.3



#10
Phenol
Concen: 3.04 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion: 94 Resp: 44573
Ion Ratio Lower Upper
94 100
65 24.0 11.2 51.2
66 36.6 25.8 65.8

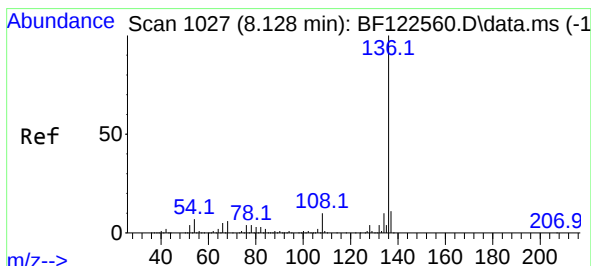
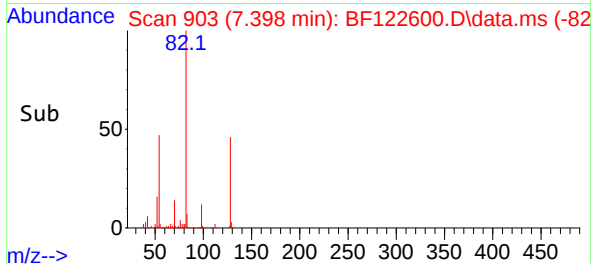
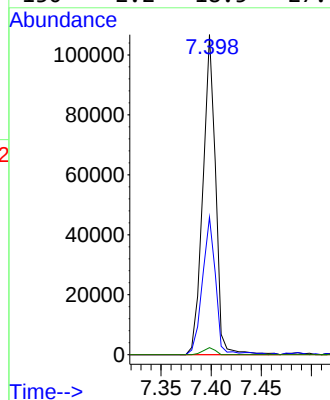
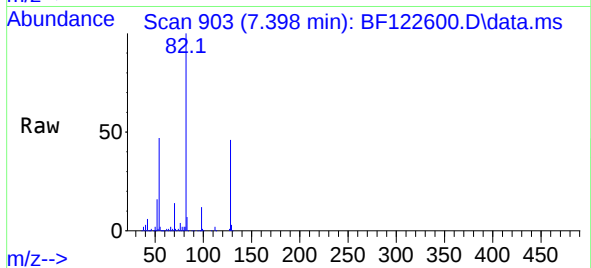




#19
n-Nitroso-di-n-propylamine
Concen: 11.68 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

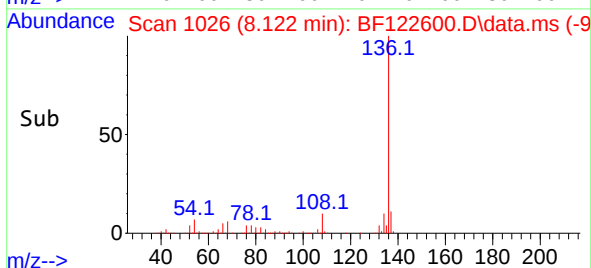
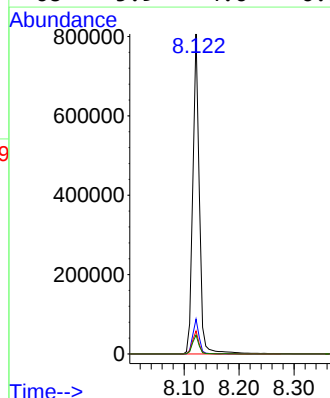
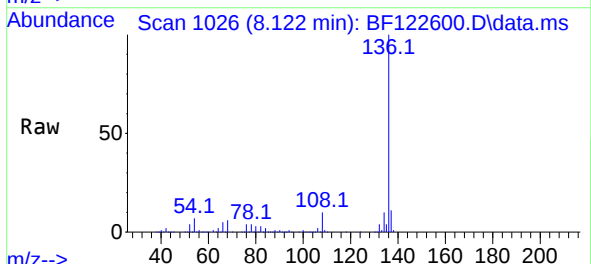
Instrument :
BNA_F
ClientSampleId :
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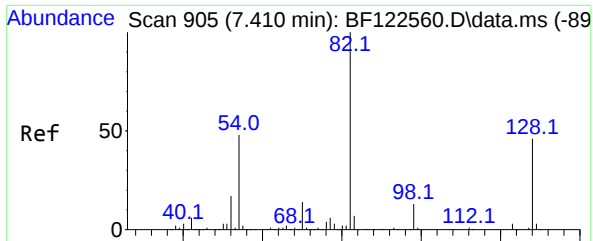
Tgt Ion: 70 Resp: 94669
Ion Ratio Lower Upper
70 100
42 43.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion: 136 Resp: 665444
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.2 5.5 8.3
68 5.9 4.6 6.8

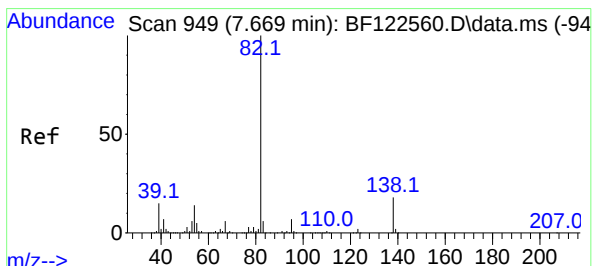
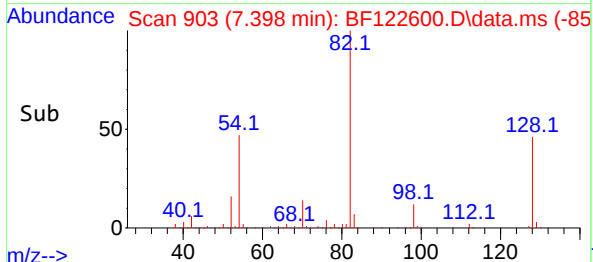
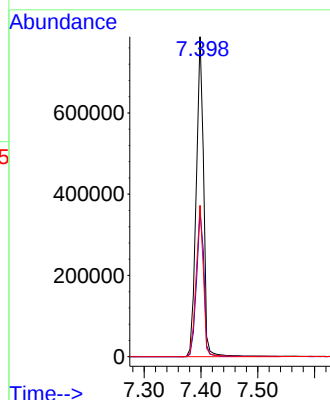
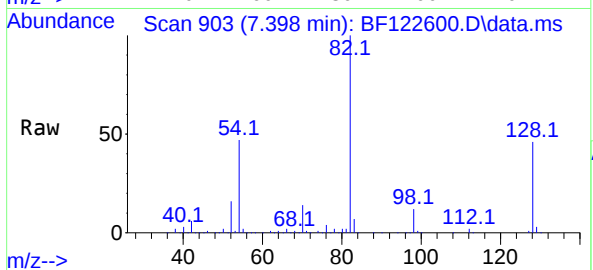




#23
Nitrobenzene-d5
Concen: 54.03 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

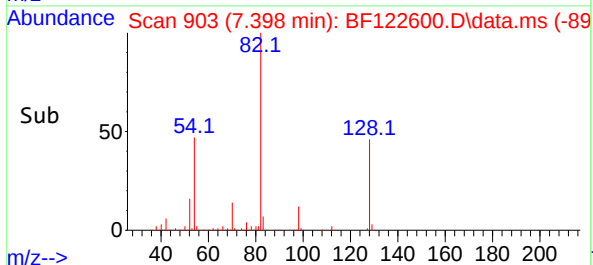
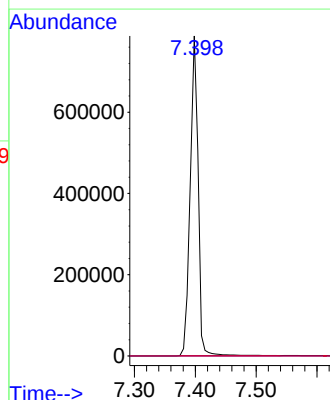
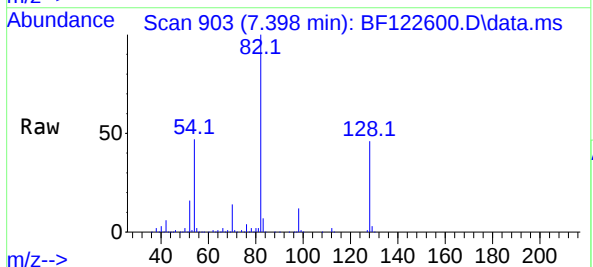
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BNA_F
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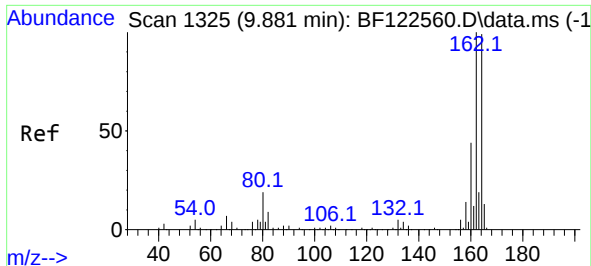
Tgt Ion: 82 Resp: 717673
Ion Ratio Lower Upper
82 100
128 45.5 37.0 55.4
54 47.3 38.4 57.6



#25
Isophorone
Concen: 31.07 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion: 82 Resp: 710826
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

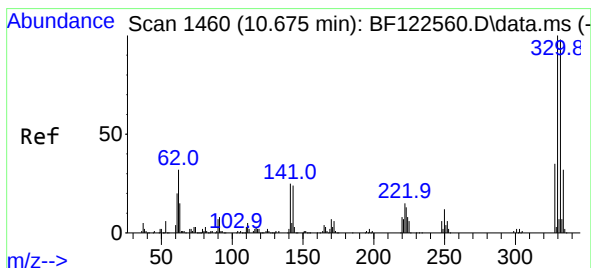
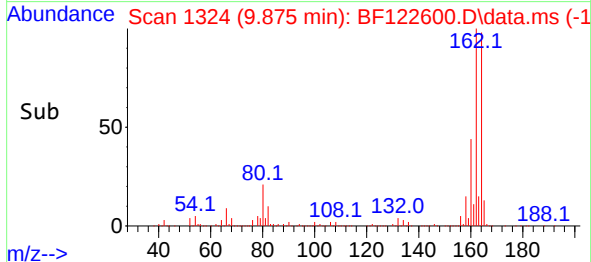
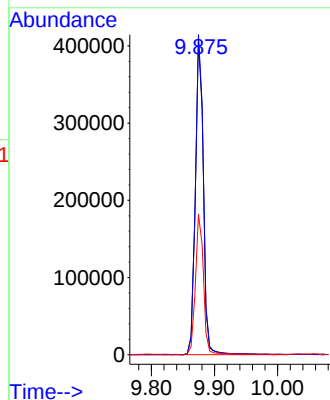
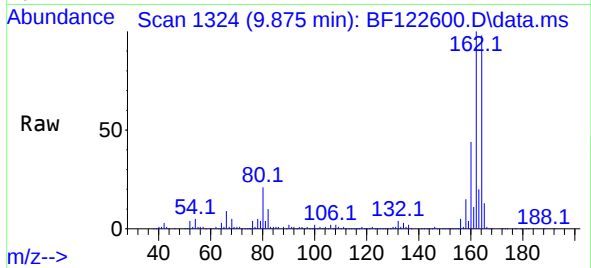




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

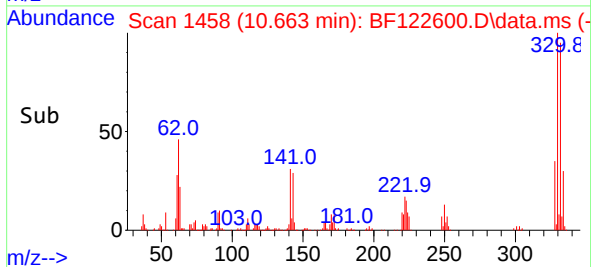
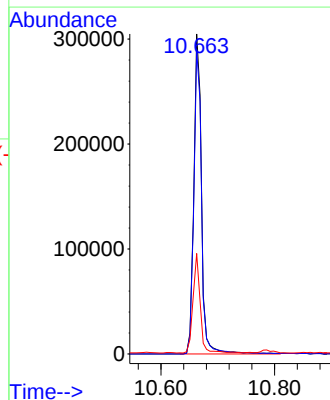
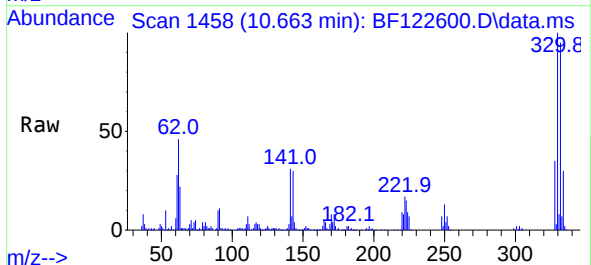
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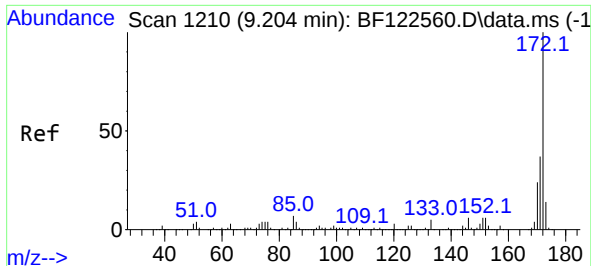
Tgt Ion:164 Resp: 358898
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 61.11 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:330 Resp: 287100
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 29.0 23.8 35.8

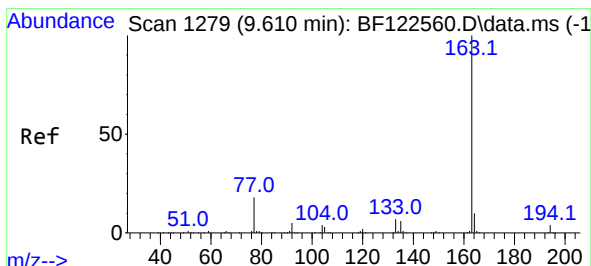
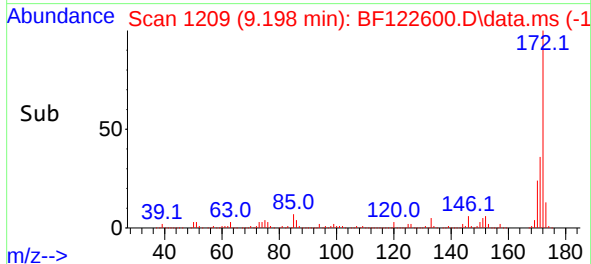
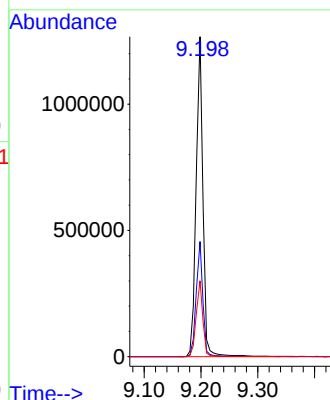
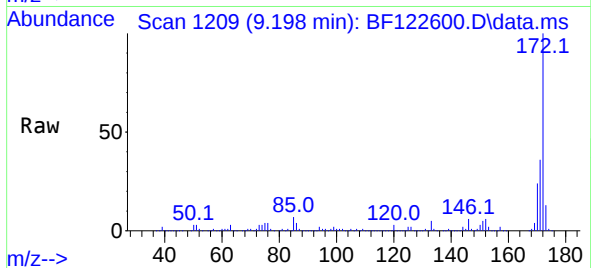




#45
2-Fluorobiphenyl
Concen: 40.33 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

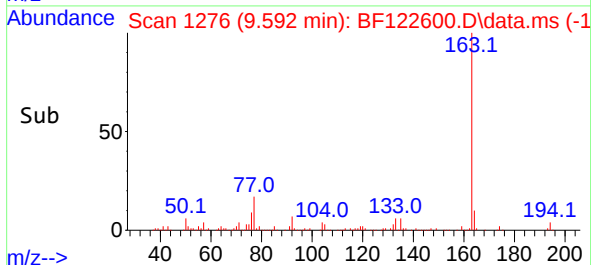
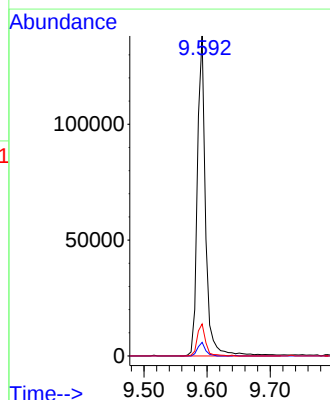
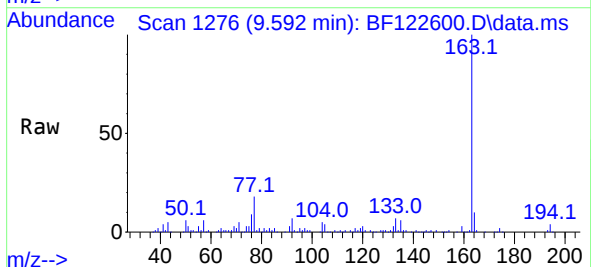
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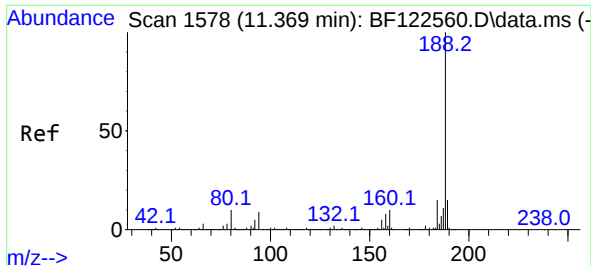
Tgt Ion:172 Resp: 1070180
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 4.37 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:163 Resp: 125194
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.0 8.1 12.1

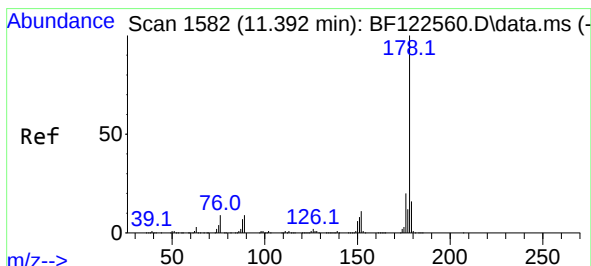
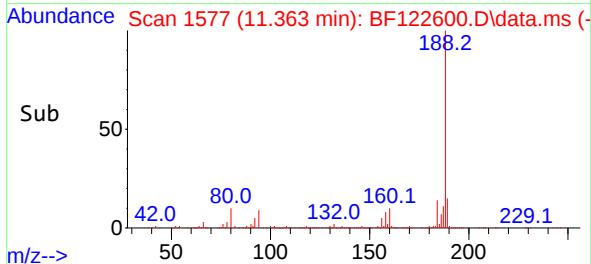
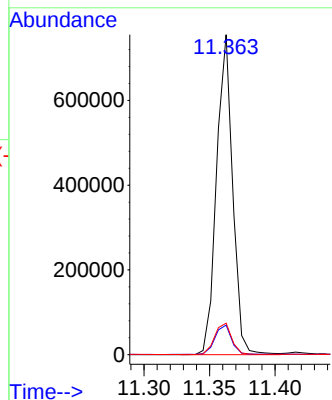
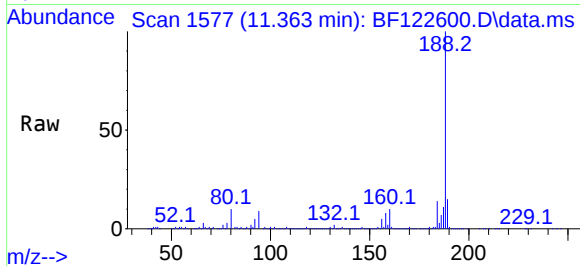




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

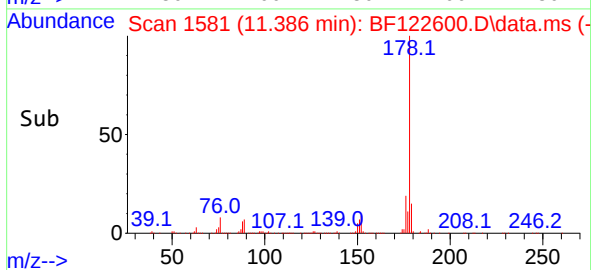
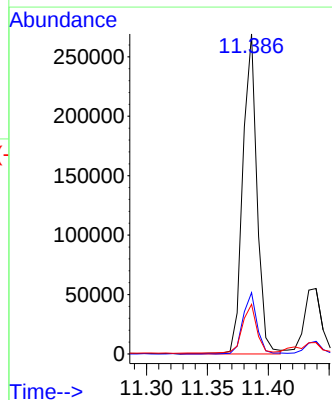
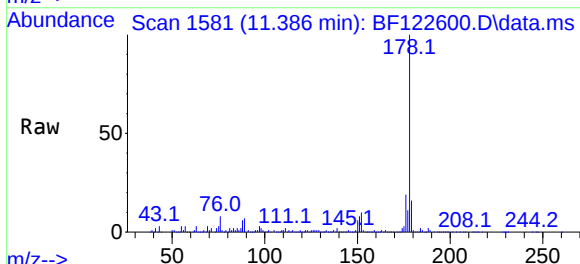
Instrument :
BNA_F
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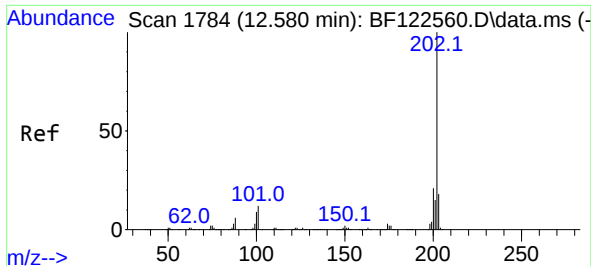
Tgt Ion:188 Resp: 644598
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.9 8.2 12.4



#71
Phenanthrene
Concen: 5.72 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

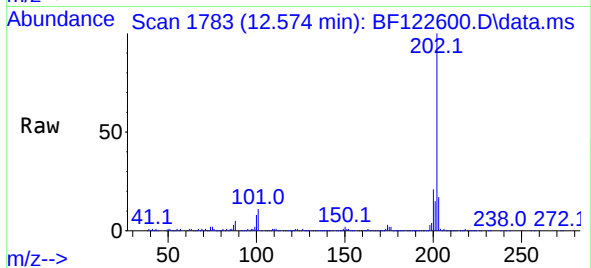
Tgt Ion:178 Resp: 219047
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 15.5 12.7 19.1



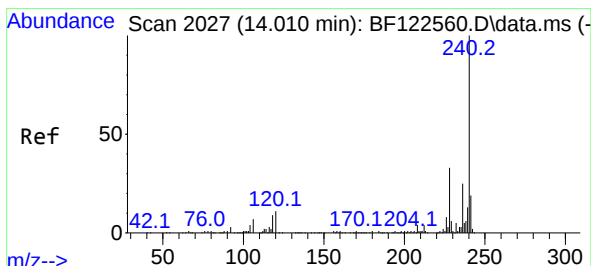
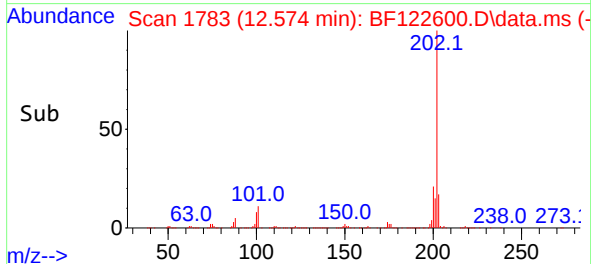
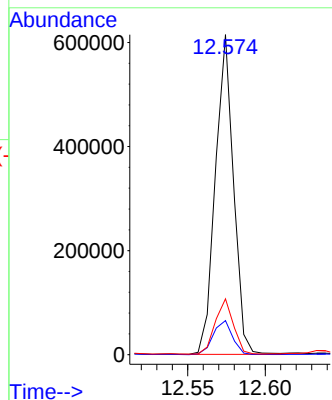


#75
Fluoranthene
Concen: 12.49 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Instrument :
BNA_F
ClientSampleId :
239995

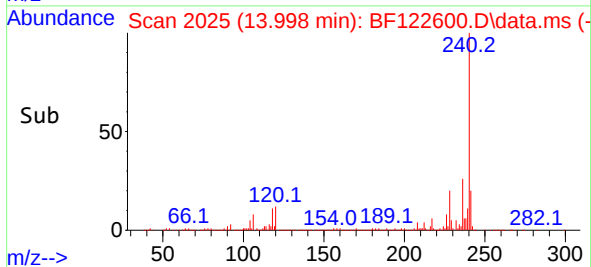
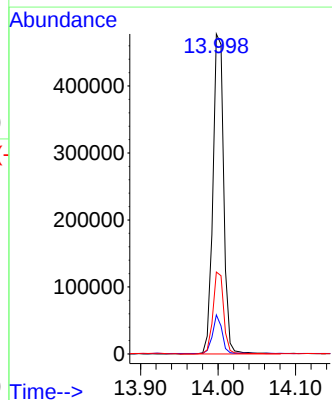
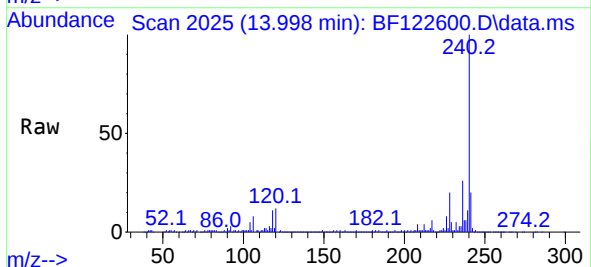


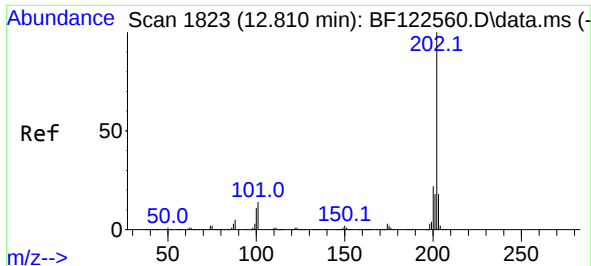
Tgt Ion:202 Resp: 501693
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 17.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:240 Resp: 461837
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.6 20.3 30.5



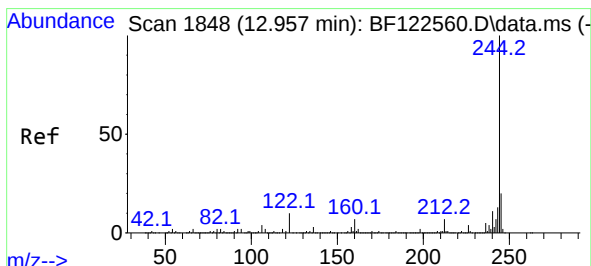
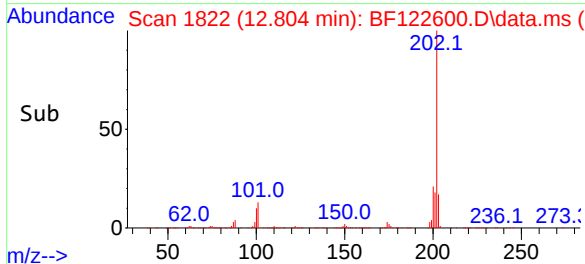
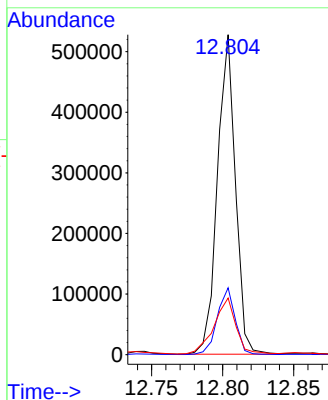
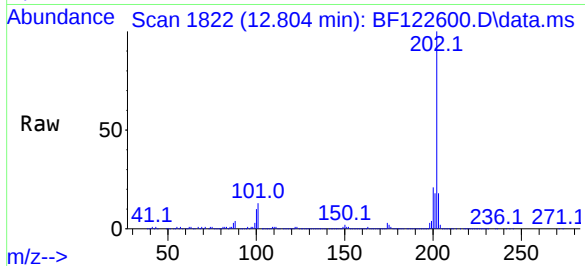


#78
Pyrene
Concen: 12.99 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Instrument :
BNA_F
ClientSampleId :
239995

Tgt Ion:202 Resp: 463954

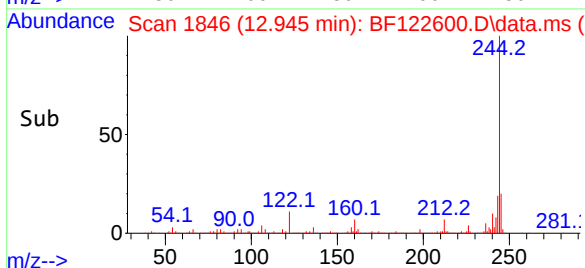
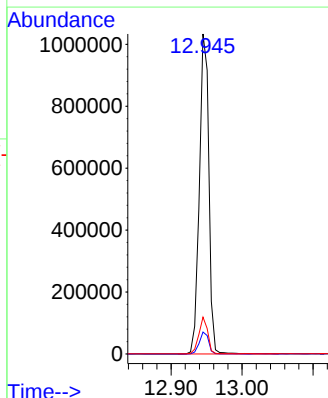
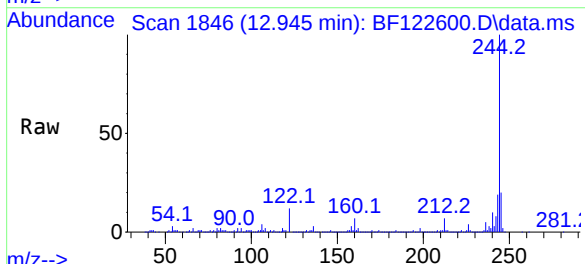
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.7	14.6	21.8

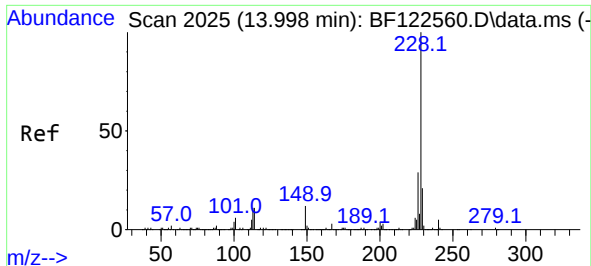


#79
Terphenyl-d14
Concen: 36.43 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:244 Resp: 961284

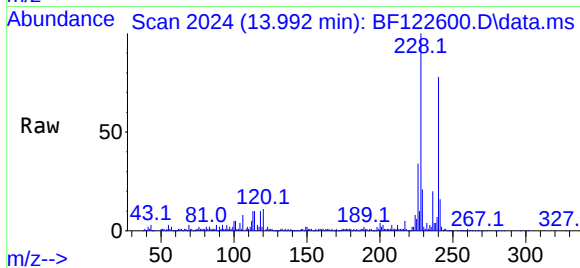
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	11.5	8.3	12.5



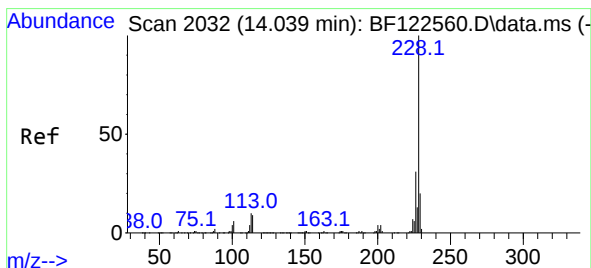
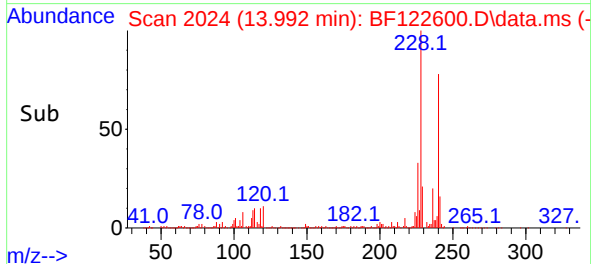
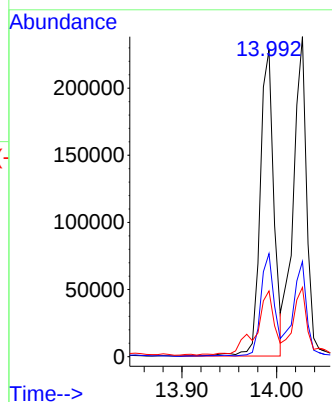


#81
Benzo(a)anthracene
Concen: 7.43 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Instrument :
BNA_F
ClientSampleId :
239995

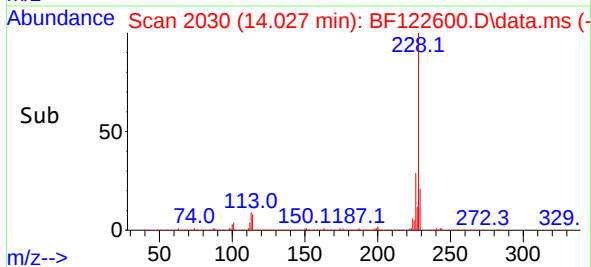
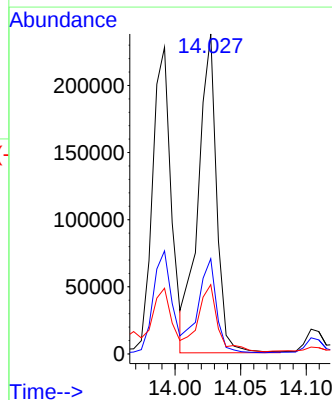
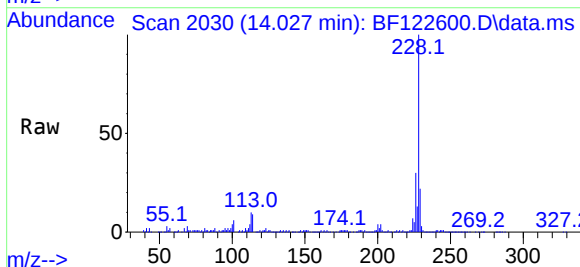


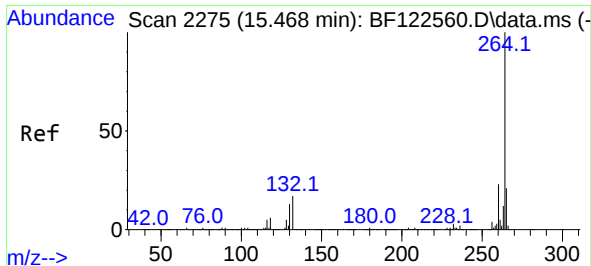
Tgt Ion:228 Resp: 229295
Ion Ratio Lower Upper
228 100
226 33.6 23.0 34.4
229 21.4 16.6 24.8



#83
Chrysene
Concen: 7.60 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:228 Resp: 233391
Ion Ratio Lower Upper
228 100
226 29.8 24.6 36.8
229 21.7 15.8 23.6

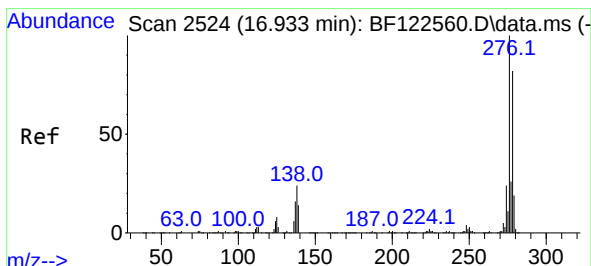
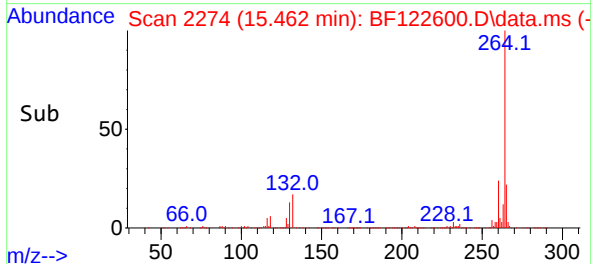
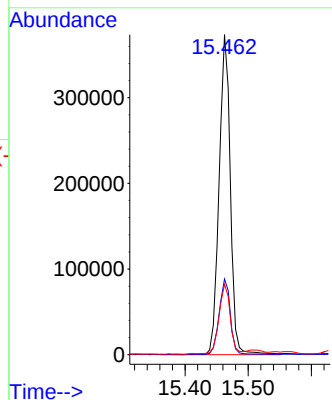
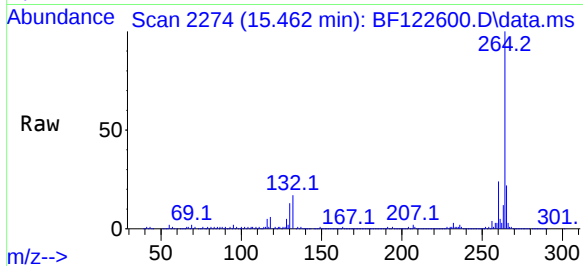




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

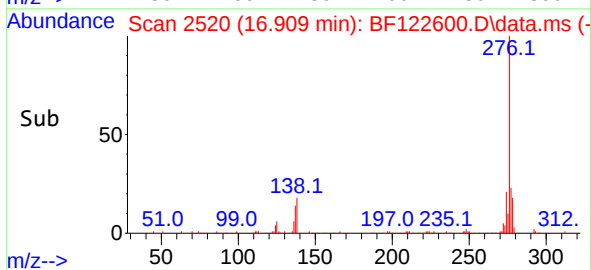
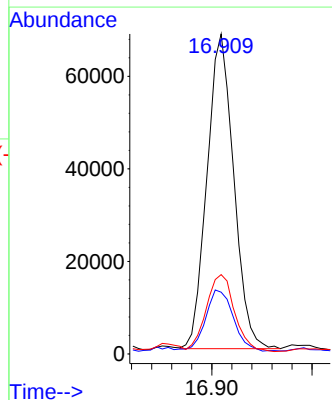
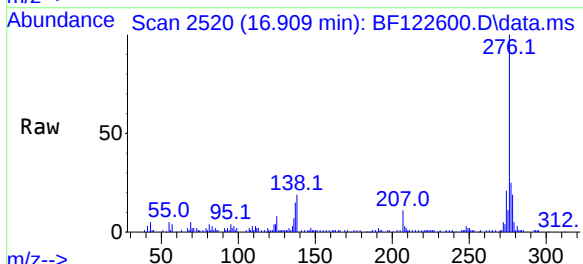
Instrument :
BNA_F
ClientSampleId :
239995

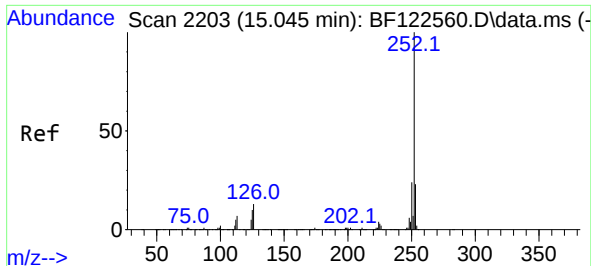
Tgt Ion:264 Resp: 462518
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.0 17.0 25.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.15 ng
RT: 16.909 min Scan# 2520
Delta R.T. -0.024 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:276 Resp: 125967
Ion Ratio Lower Upper
276 100
138 20.1 18.7 28.1
277 25.9 20.2 30.4

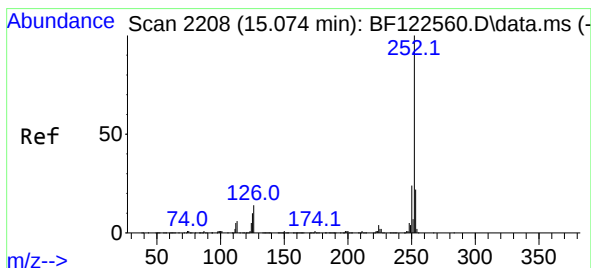
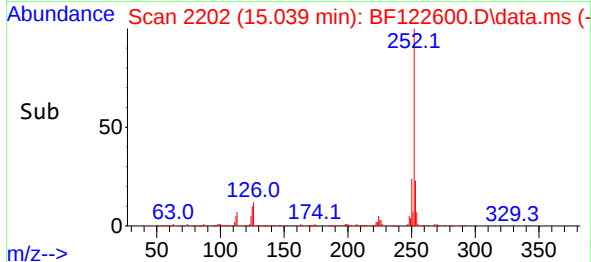
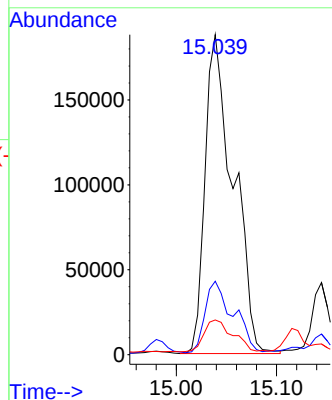
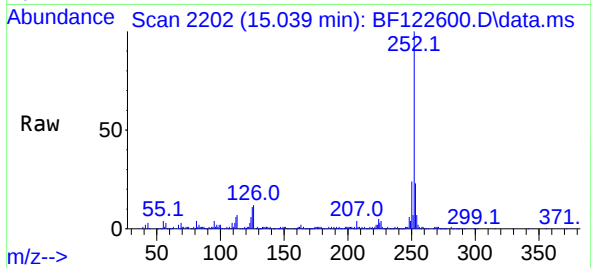




#88
Benzo(b)fluoranthene
Concen: 11.33 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

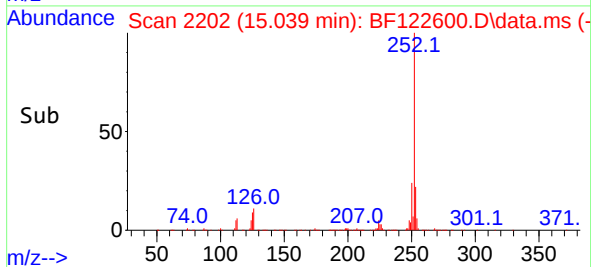
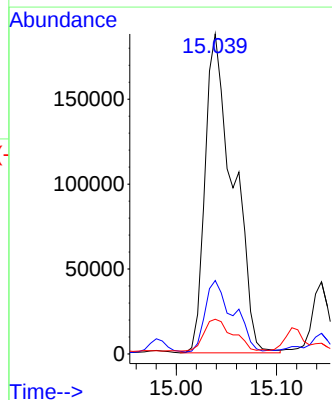
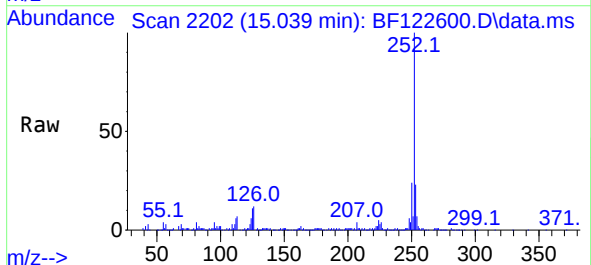
Instrument :
BNA_F
ClientSampleId :
239995

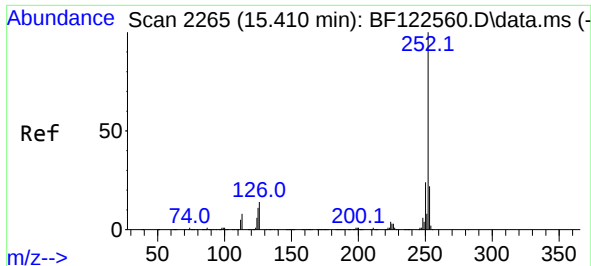
Tgt Ion:252 Resp: 367629
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 10.9 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 12.39 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.035 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:252 Resp: 367629
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.9 8.4 12.6

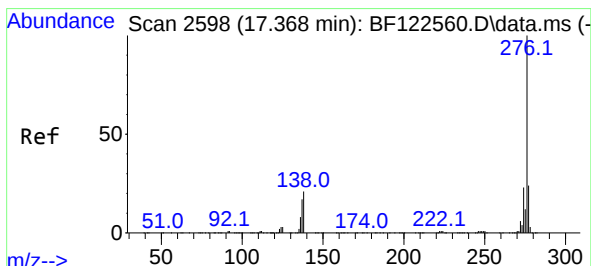
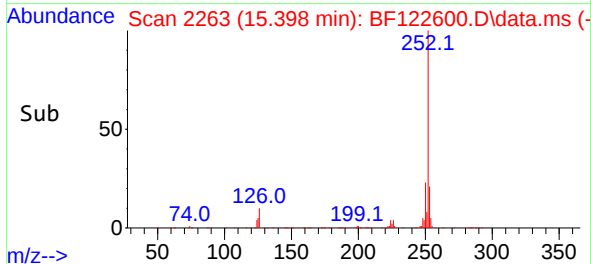
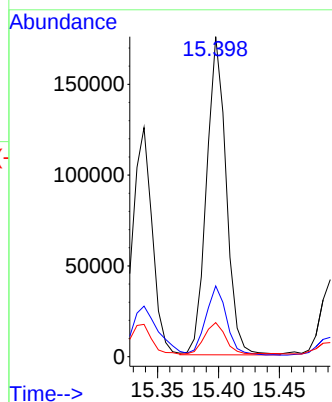
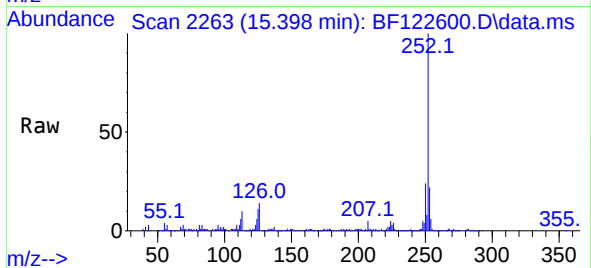




#90
Benzo(a)pyrene
Concen: 6.92 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.012 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Instrument :
BNA_F
ClientSampleId :
239995

Tgt Ion:252 Resp: 196546
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 8.6 12.8



#92
Benzo(g,h,i)perylene
Concen: 5.48 ng
RT: 17.345 min Scan# 2594
Delta R.T. -0.024 min
Lab File: BF122600.D
Acq: 8 Dec 2020 21:24

Tgt Ion:276 Resp: 131812
Ion Ratio Lower Upper
276 100
277 25.4 19.3 28.9
138 22.4 16.6 24.8

