

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122920\
 Data File : BF122872.D
 Acq On : 29 Dec 2020 19:45
 Operator : JU/CG
 Sample : L5221-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-58

Quant Time: Dec 29 23:39:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

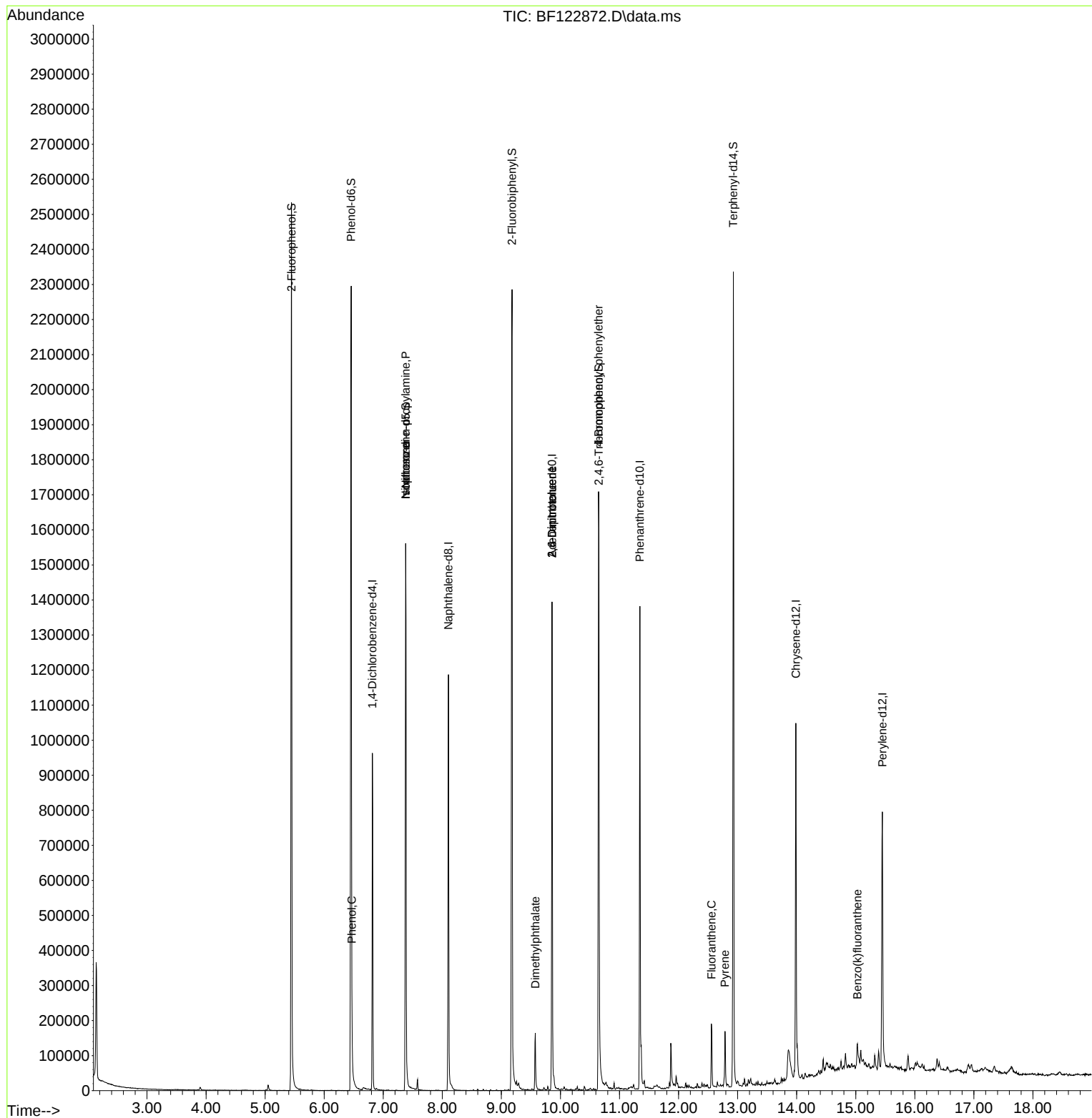
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	147406	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	566408	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	292047	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	505674	20.00	ng	0.00
76) Chrysene-d12	13.986	240	367885	20.00	ng	0.00
86) Perylene-d12	15.451	264	345473	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	746878	80.22	ng	0.01
7) Phenol-d6	6.457	99	905731	73.35	ng	0.00
23) Nitrobenzene-d5	7.381	82	580260	51.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	272827	71.37	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	844777	39.12	ng	0.00
79) Terphenyl-d14	12.927	244	819130	38.98	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	48993	3.83	ng	89
19) n-Nitroso-di-n-propyla...	7.381	70	78218	11.06	ng	# 77
25) Isophorone	7.381	82	580338	29.80	ng	# 65
50) Dimethylphthalate	9.575	163	83131	3.56	ng	98
51) 2,6-Dinitrotoluene	9.857	165	36843	7.48	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	36955	5.63	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	16630	2.43	ng	# 1
75) Fluoranthene	12.557	202	77183	2.45	ng	99
78) Pyrene	12.786	202	67847	2.39	ng	97
89) Benzo(k)fluoranthene	15.027	252	48105	2.17	ng	98

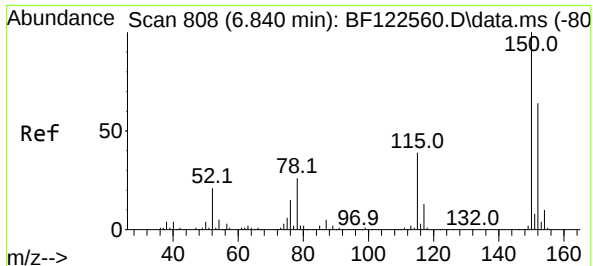
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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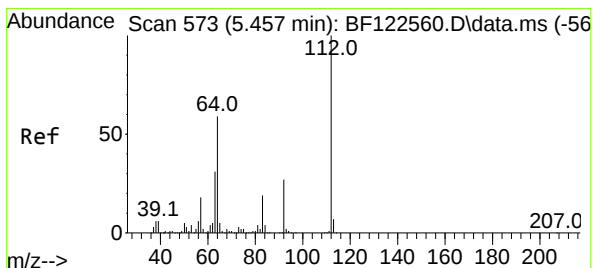
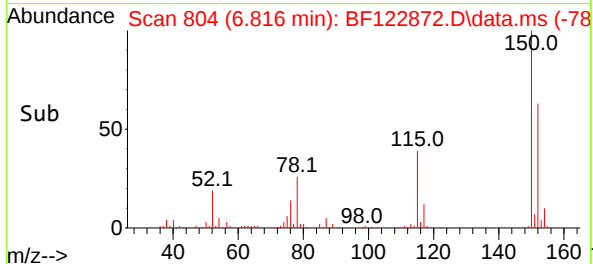
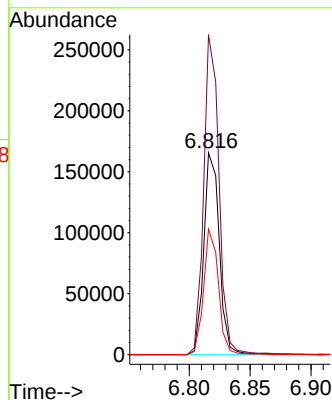
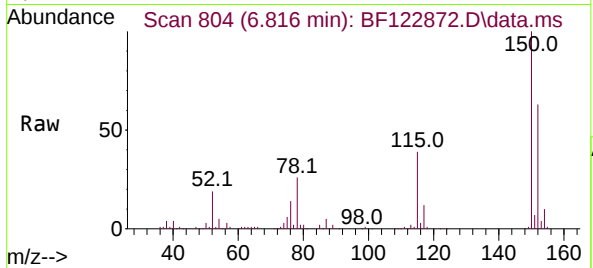




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

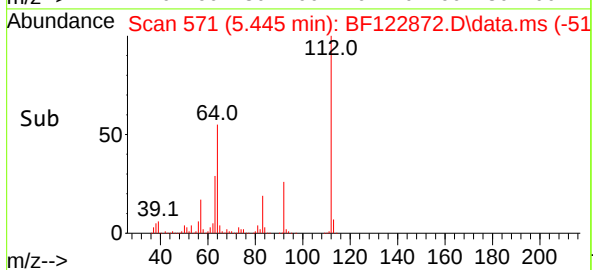
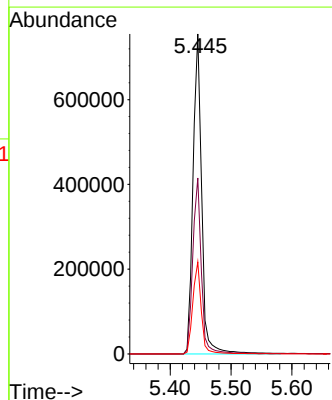
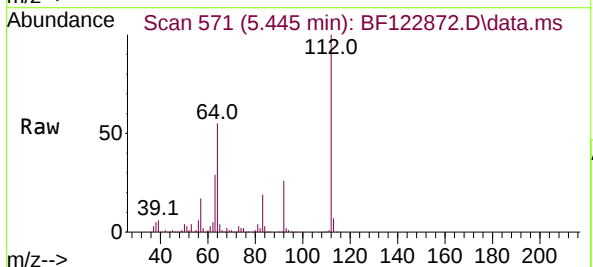
Instrument :
BNA_F
ClientSampleId :
RBR-58

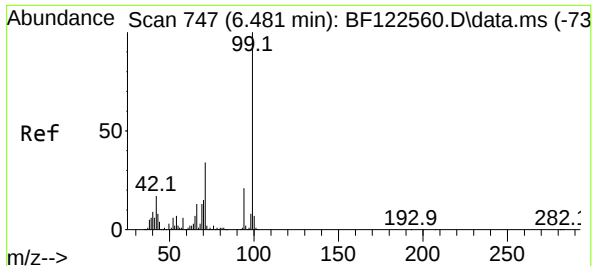
Tgt Ion:152 Resp: 147406
Ion Ratio Lower Upper
152 100
150 158.5 125.8 188.6
115 62.2 49.3 73.9



#5
2-Fluorophenol
Concen: 80.22 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:112 Resp: 746878
Ion Ratio Lower Upper
112 100
64 55.0 46.9 70.3
63 28.8 24.5 36.7

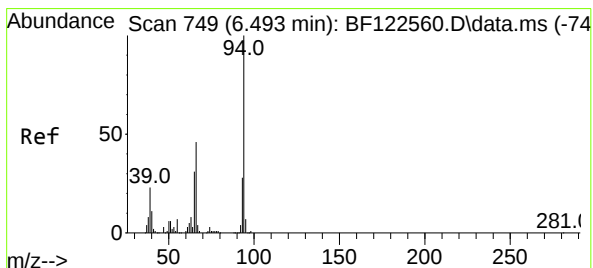
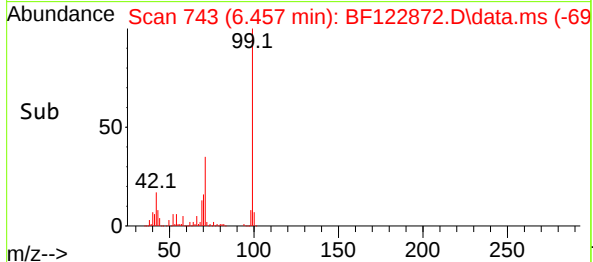
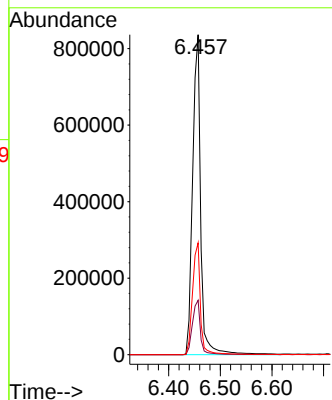
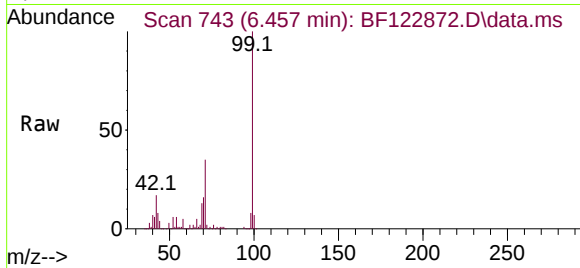




#7
Phenol-d6
Concen: 73.35 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

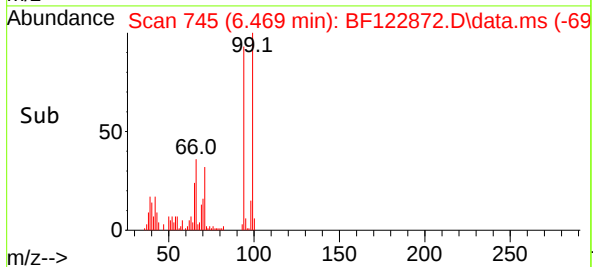
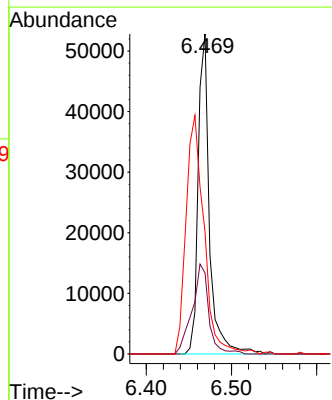
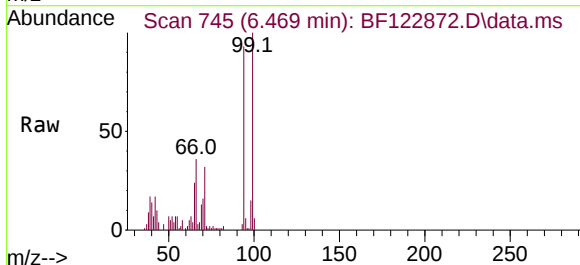
Instrument :
BNA_F
ClientSampleId :
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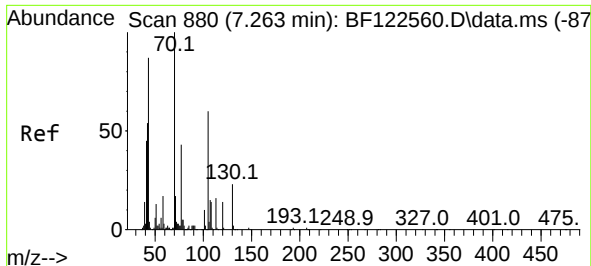
Tgt Ion: 99 Resp: 905731
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.6
71 34.9 26.9 40.3



#10
Phenol
Concen: 3.83 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion: 94 Resp: 48993
Ion Ratio Lower Upper
94 100
65 25.3 11.2 51.2
66 38.2 25.8 65.8

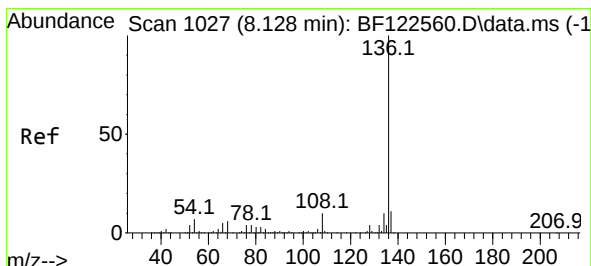
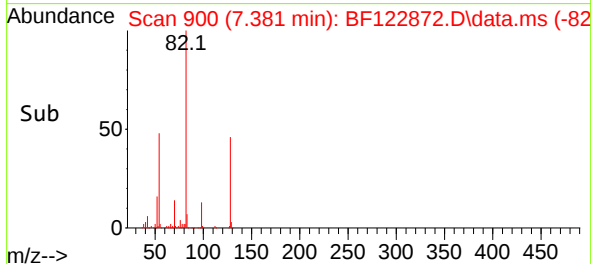
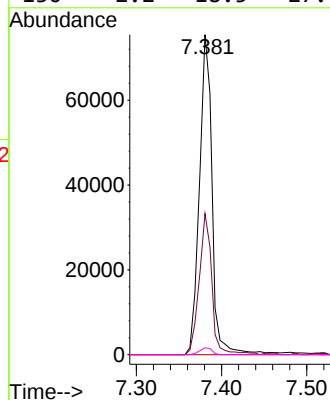
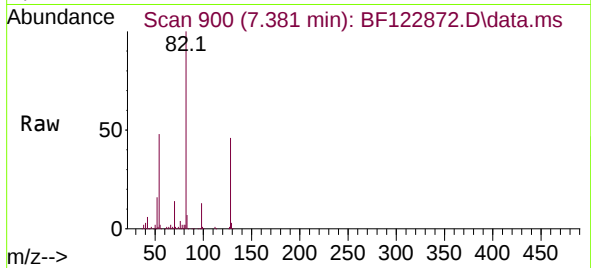




#19
n-Nitroso-di-n-propylamine
Concen: 11.06 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

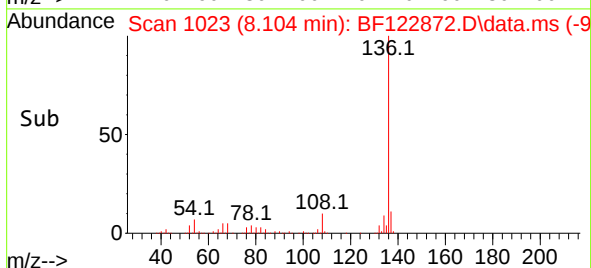
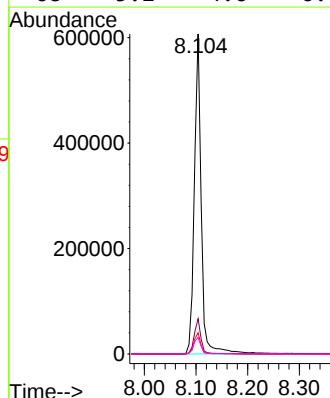
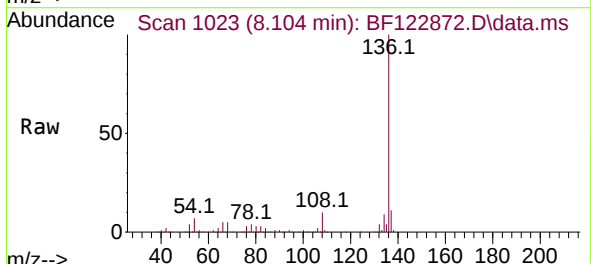
Instrument :
BNA_F
ClientSampleId :
RBR-58

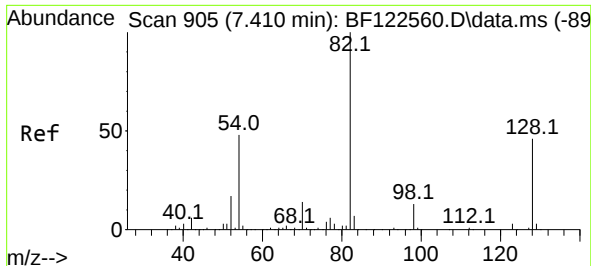
Tgt Ion: 70	Resp: 78218
Ion Ratio	Lower Upper
70 100	
42 44.1	43.0 64.4
101 0.0	7.9 11.9#
130 2.2	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion: 136	Resp: 566408
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.6	5.5 8.3
68 5.2	4.6 6.8

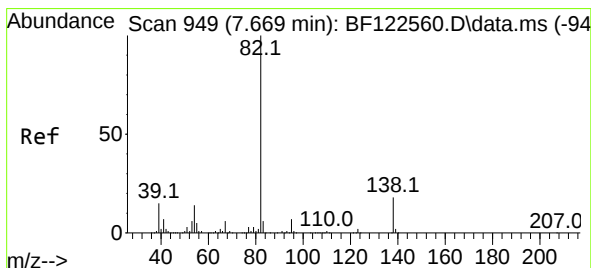
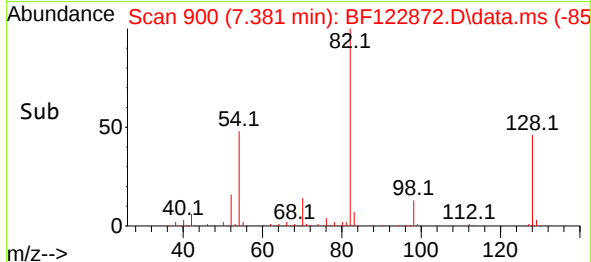
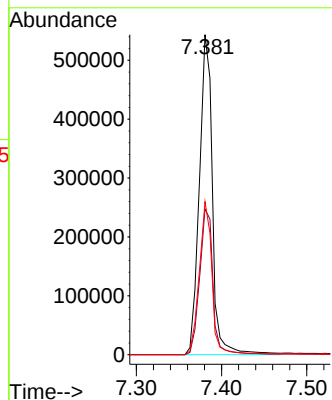
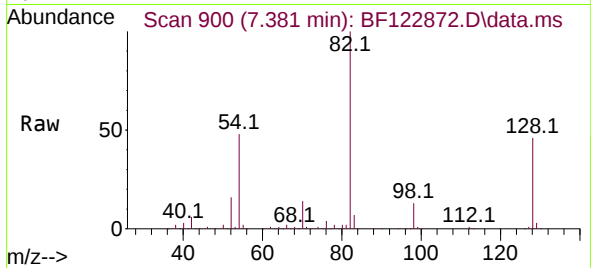




#23
Nitrobenzene-d5
Concen: 51.33 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

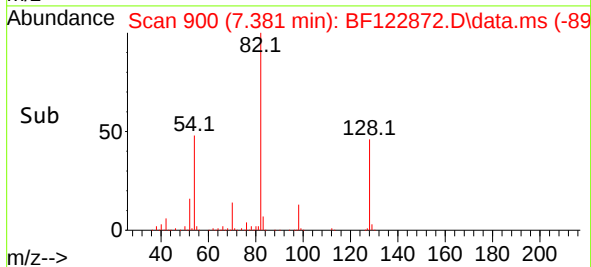
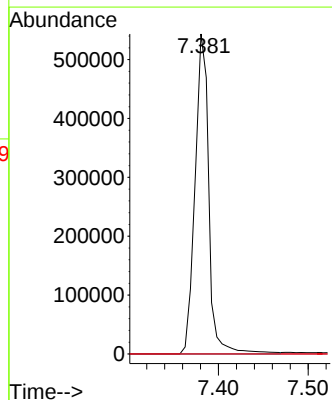
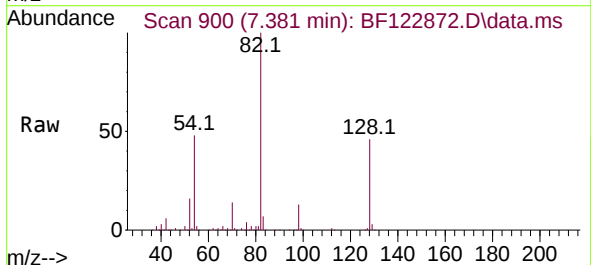
Instrument :
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ClientSampleId :
RBR-58

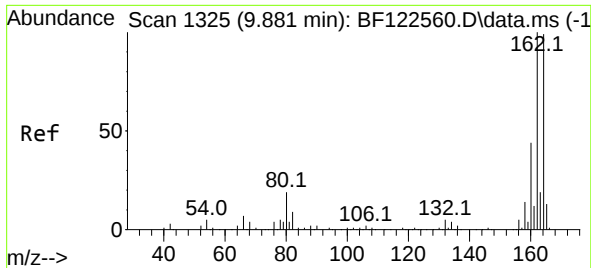
Tgt Ion: 82 Resp: 580260
Ion Ratio Lower Upper
82 100
128 45.5 37.0 55.4
54 47.8 38.4 57.6



#25
Isophorone
Concen: 29.80 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion: 82 Resp: 580338
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

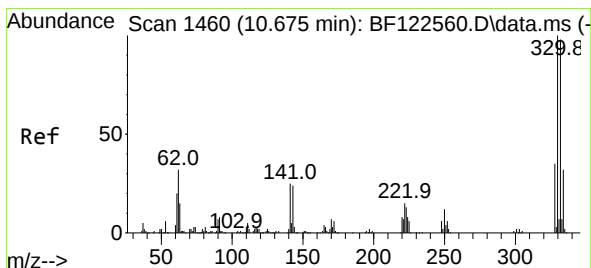
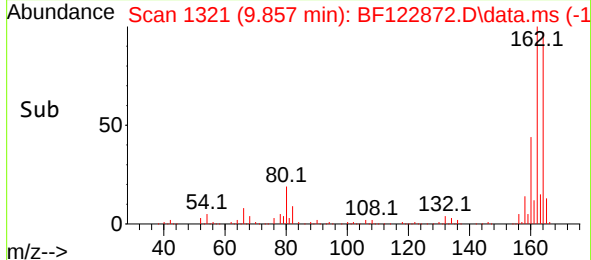
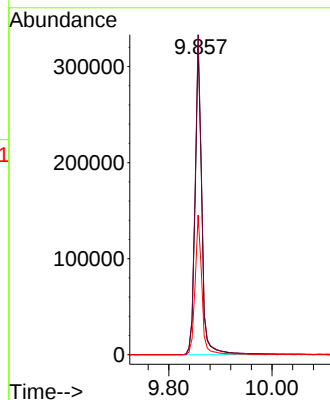
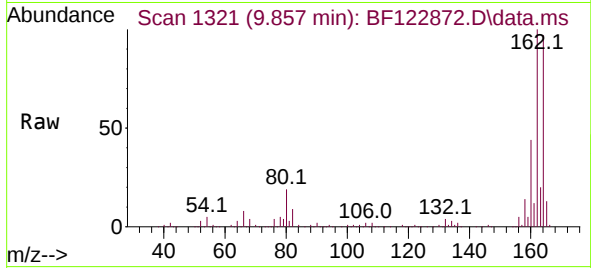




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

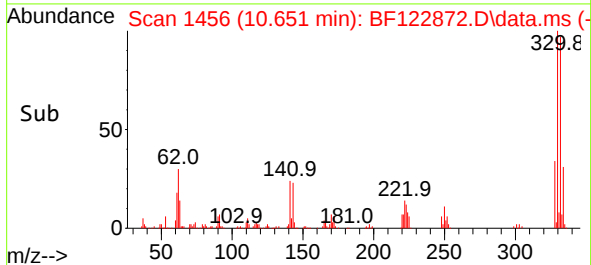
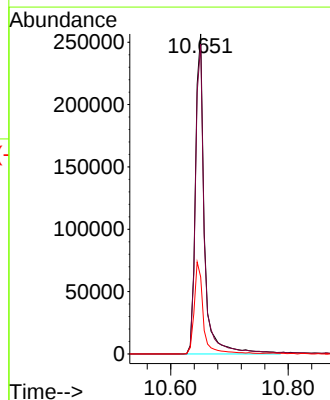
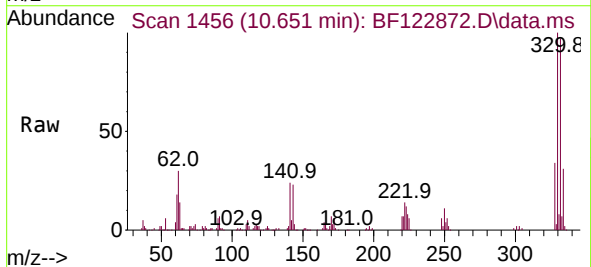
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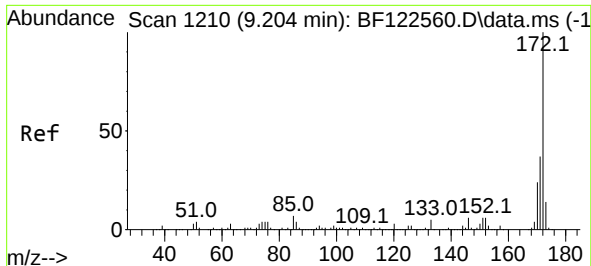
Tgt Ion:164 Resp: 292047
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 71.37 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:330 Resp: 272827
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 29.2 23.8 35.8

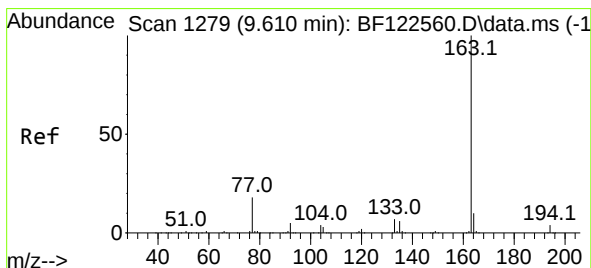
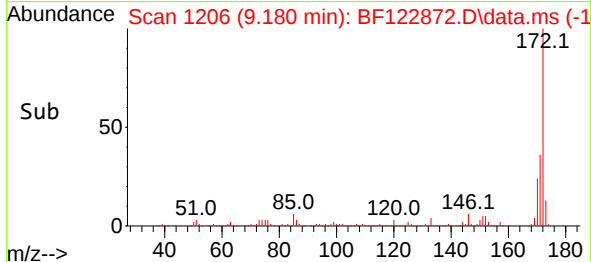
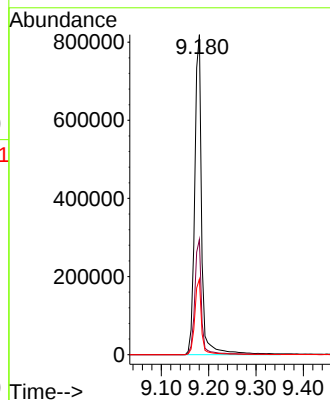
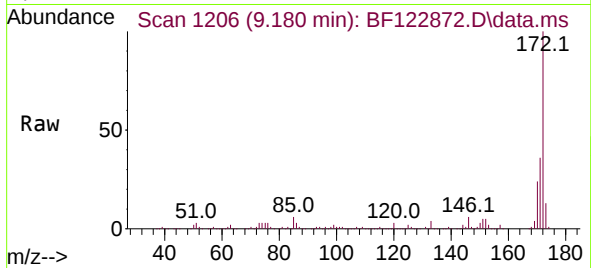




#45
2-Fluorobiphenyl
Concen: 39.12 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

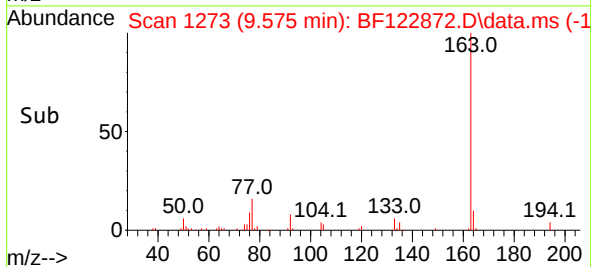
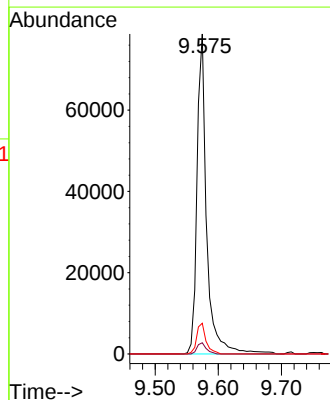
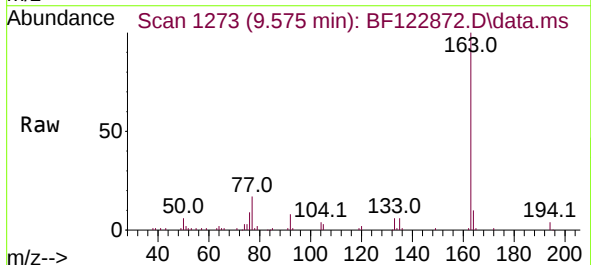
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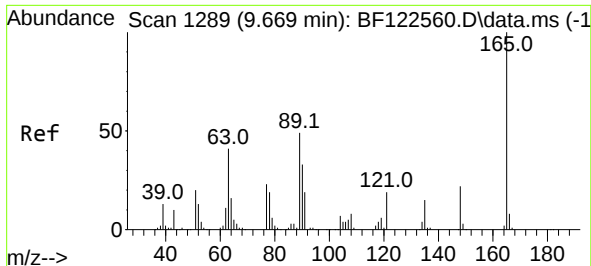
Tgt Ion:172	Resp: 844777
Ion Ratio	Lower Upper
172	100
171	36.0 29.6 44.4
170	23.6 19.5 29.3



#50
Dimethylphthalate
Concen: 3.56 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:163	Resp: 83131
Ion Ratio	Lower Upper
163	100
194	3.5 3.4 5.0
164	9.6 8.1 12.1

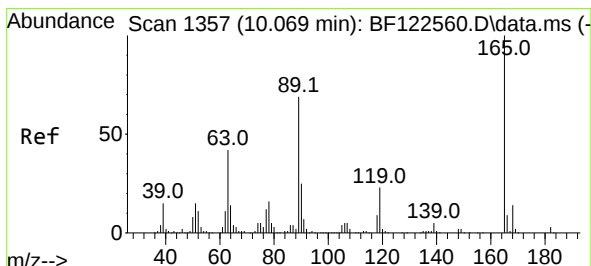
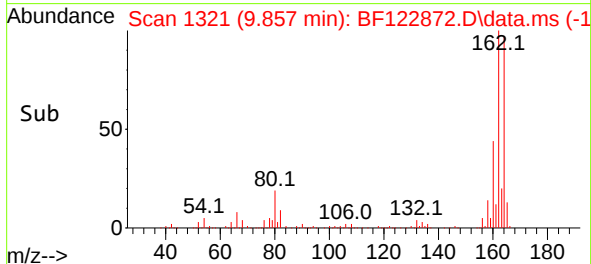
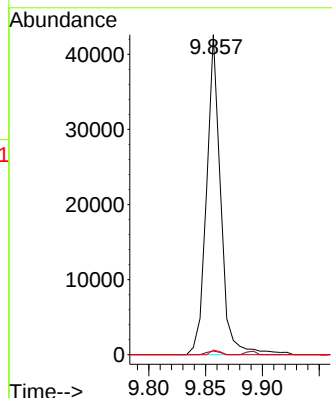
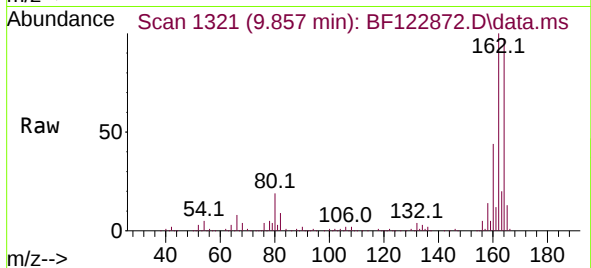




#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

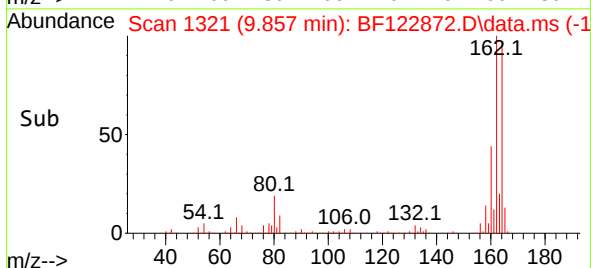
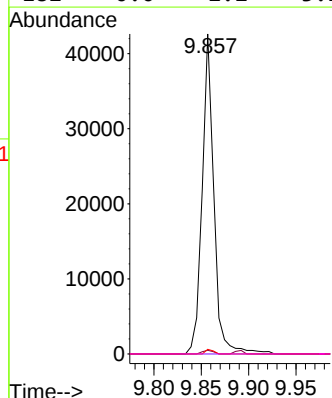
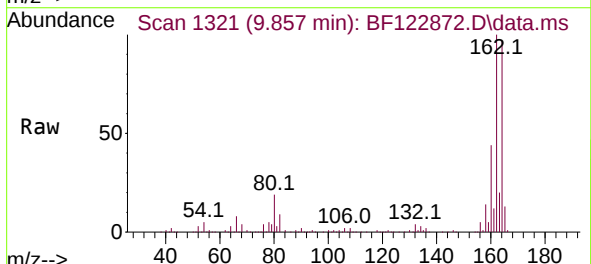
Instrument :
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ClientSampleId :
RBR-58

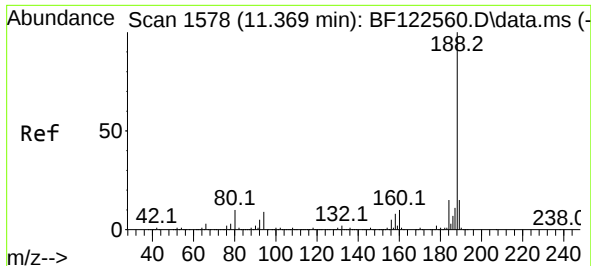
Tgt Ion:165 Resp: 36843
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.63 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:165 Resp: 36955
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

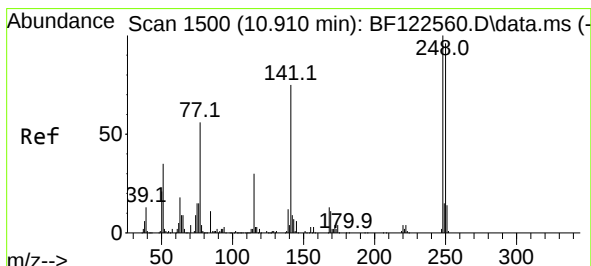
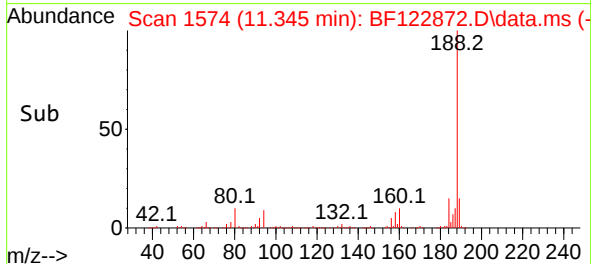
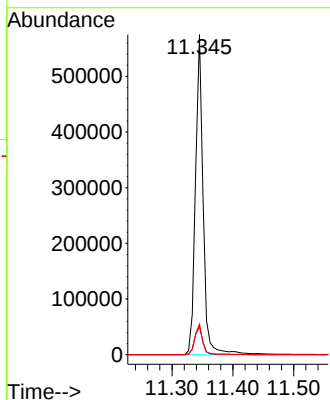
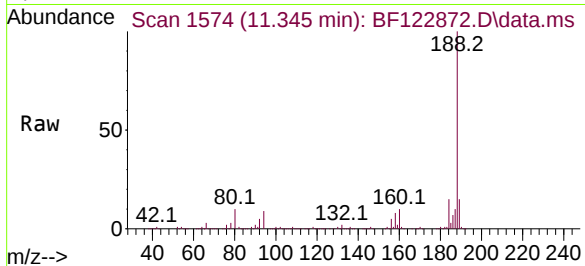




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

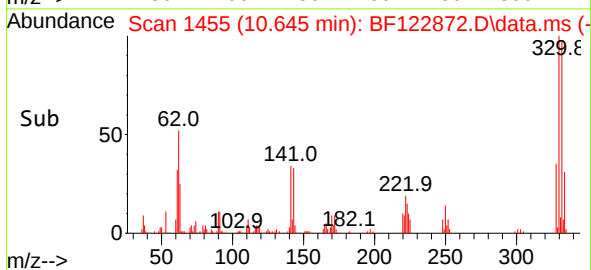
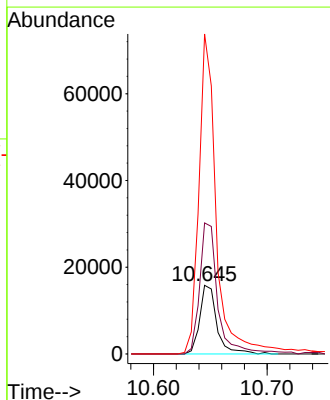
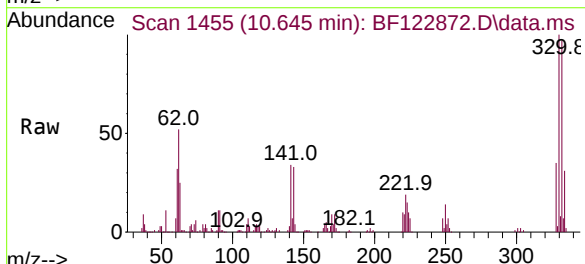
Instrument :
BNA_F
ClientSampleId :
RBR-58

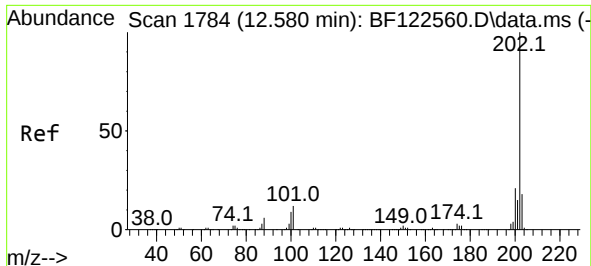
Tgt Ion:188 Resp: 505674
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.43 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:248 Resp: 16630
Ion Ratio Lower Upper
248 100
250 191.0 76.8 115.2#
141 466.3 59.8 89.8#

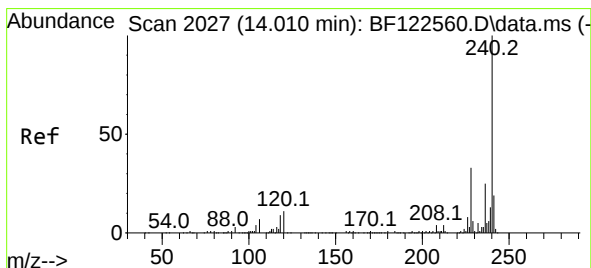
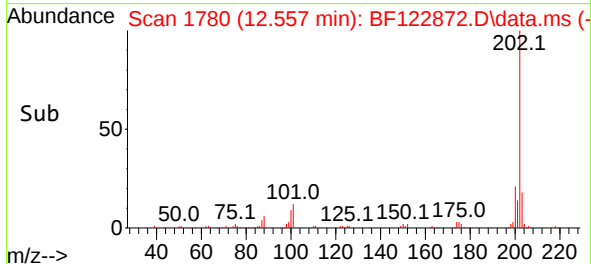
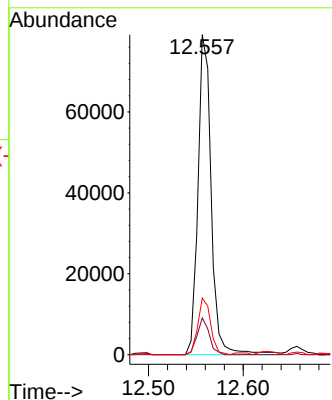
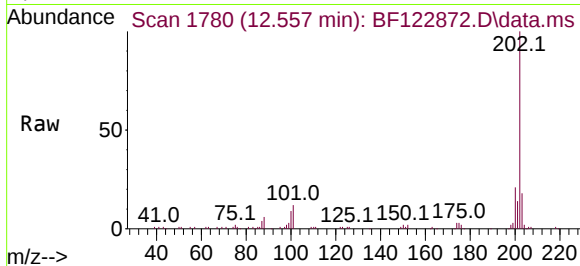




#75
Fluoranthene
Concen: 2.45 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

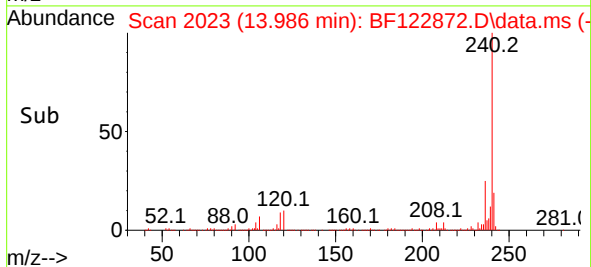
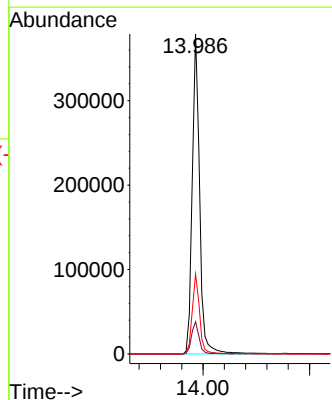
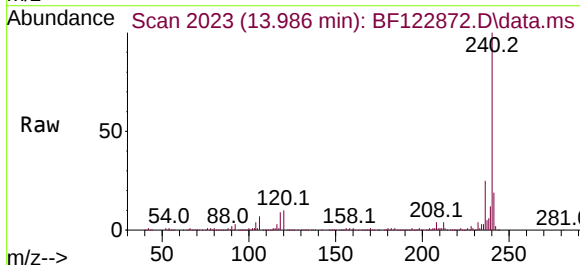
Instrument :
BNA_F
ClientSampleId :
RBR-58

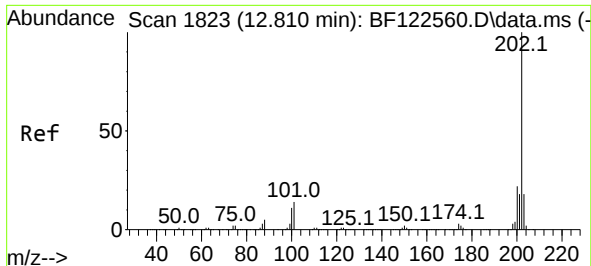
Tgt Ion:202 Resp: 77183
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.2
203 17.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:240 Resp: 367885
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.0 20.3 30.5

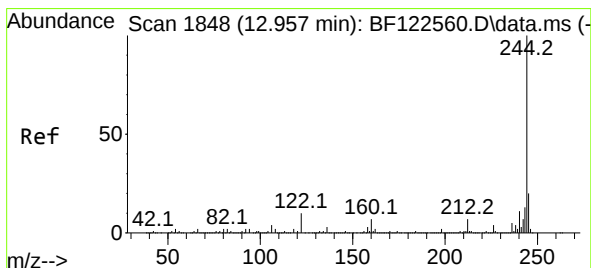
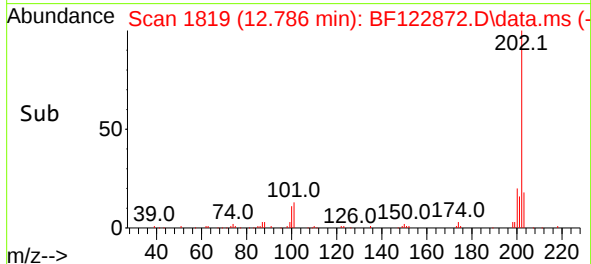
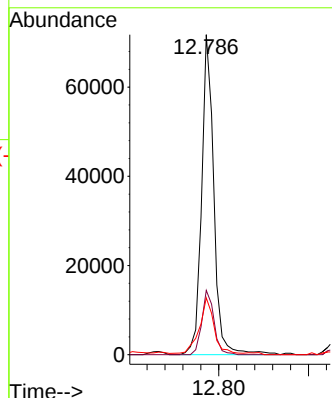
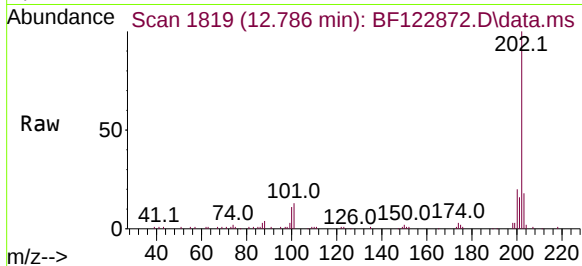




#78
Pyrene
Concen: 2.39 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

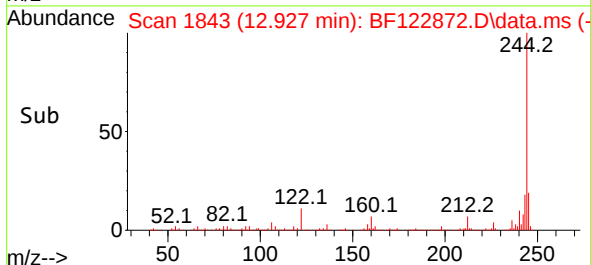
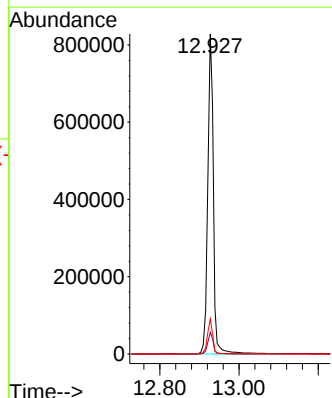
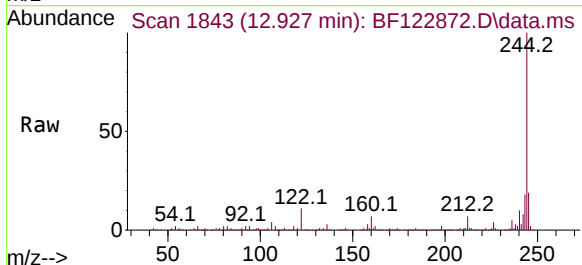
Instrument :
BNA_F
ClientSampled :
RBR-58

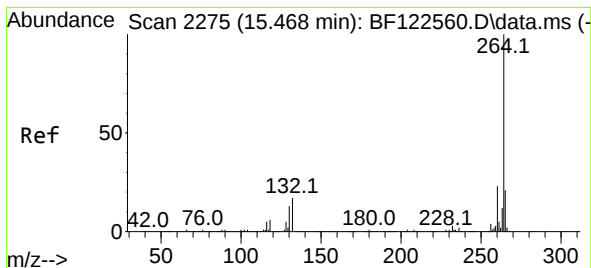
Tgt Ion:	202	Resp:	67847
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.6	26.4
203	17.7	14.6	21.8



#79
Terphenyl-d14
Concen: 38.98 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:	244	Resp:	819130
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.7	8.5
122	11.0	8.3	12.5

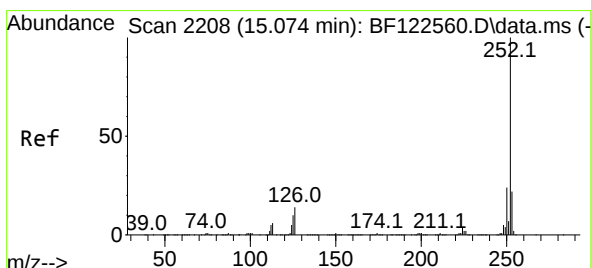
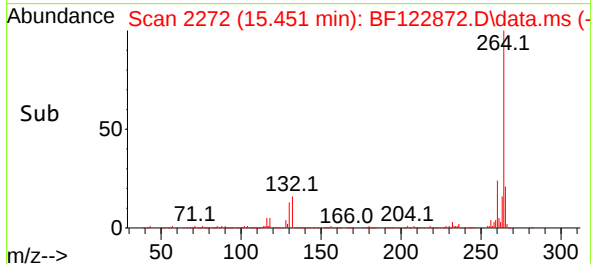
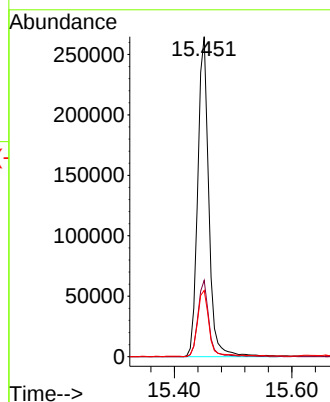
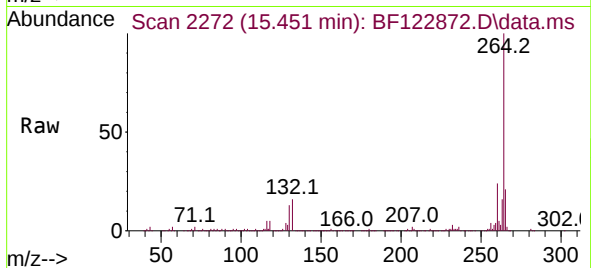




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.011 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Instrument :
BNA_F
ClientSampleId :
RBR-58

Tgt Ion:264 Resp: 345473
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 20.7 17.0 25.6



#89
Benzo(k)fluoranthene
Concen: 2.17 ng
RT: 15.027 min Scan# 2200
Delta R.T. -0.024 min
Lab File: BF122872.D
Acq: 29 Dec 2020 19:45

Tgt Ion:252 Resp: 48105
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 12.2 8.4 12.6

