

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122890.D
 Acq On : 30 Dec 2020 21:09
 Operator : JU/CG
 Sample : L5235-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122920

Quant Time: Dec 31 00:58:48 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)

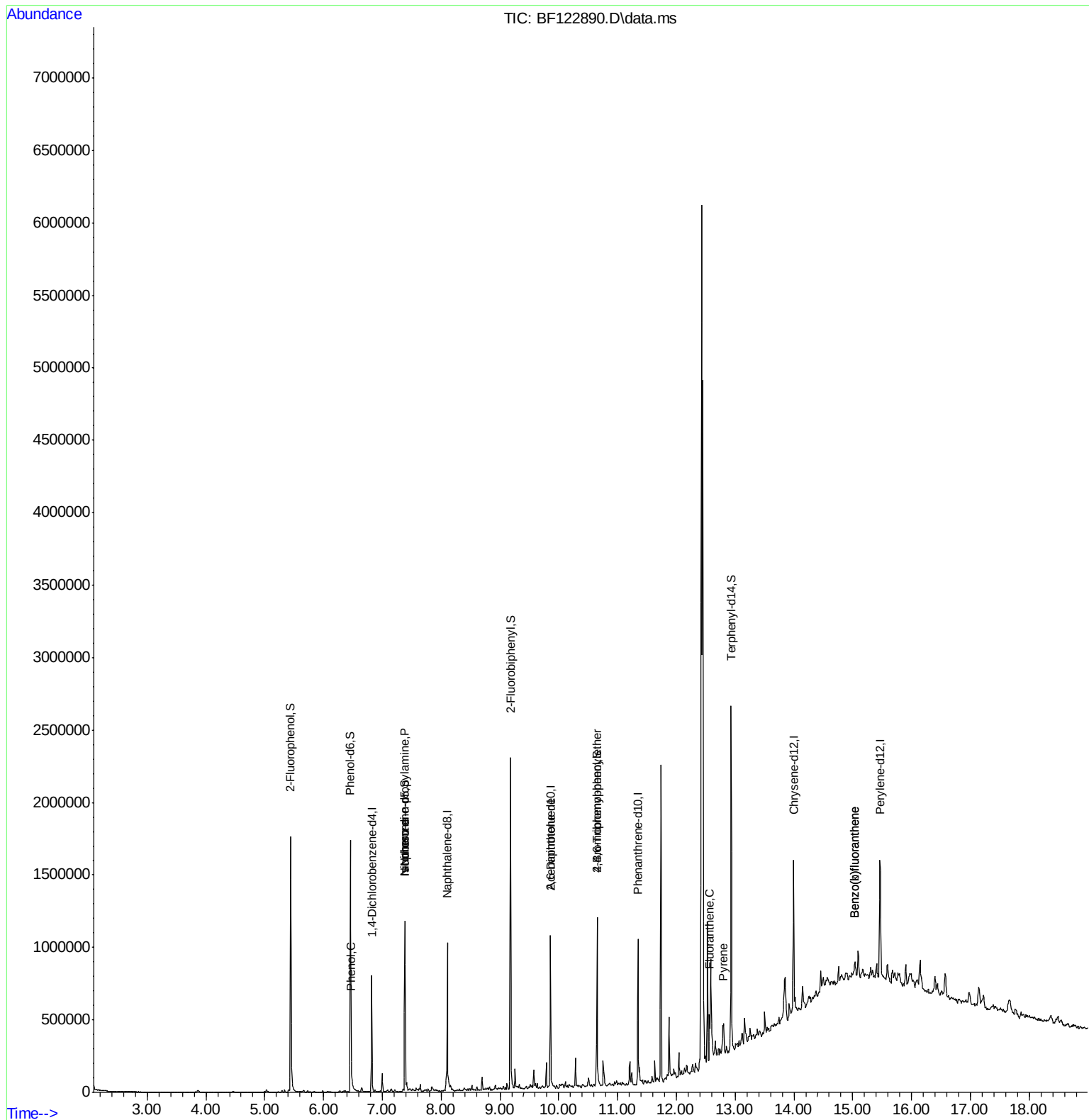
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	130481	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	463045	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	217388	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	362115	20.00	ng	0.00
76) Chrysene-d12	13.992	240	365187	20.00	ng	0.00
86) Perylene-d12	15.462	264	347583	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	561655	68.15	ng	0.00
7) Phenol-d6	6.457	99	649296	59.40	ng	0.00
23) Nitrobenzene-d5	7.381	82	394231	42.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	164468	57.80	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	716103	44.56	ng	0.00
79) Terphenyl-d14	12.933	244	735592	35.26	ng	0.00
Target Compounds						
10) Phenol	6.469	94	39102	3.45	ng	Qvalue 97
19) n-Nitroso-di-n-propyla...	7.381	70	52103	8.32	ng	# 78
25) Isophorone	7.381	82	394142	24.76	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	29326	8.00	ng	# 32
67) 4-Bromophenyl-phenylether	10.651	248	10029	2.04	ng	# 1
75) Fluoranthene	12.563	202	71850	3.18	ng	100
78) Pyrene	12.792	202	74869	2.65	ng	98
88) Benzo(b)fluoranthene	15.039	252	63113	2.59	ng	# 66
89) Benzo(k)fluoranthene	15.039	252	63113	2.83	ng	# 65

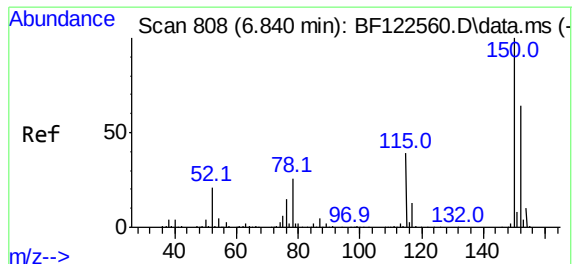
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Time: Dec 31 00:58:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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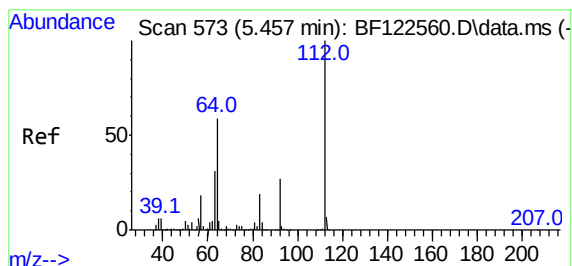
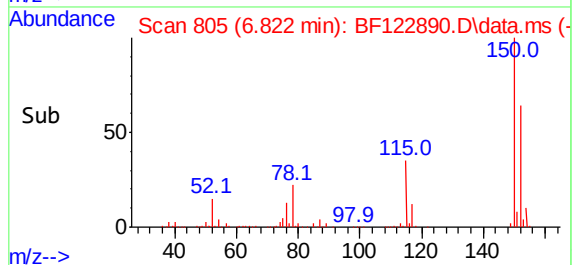
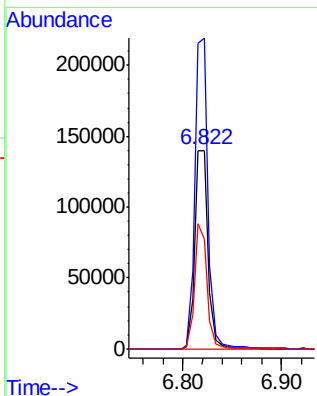
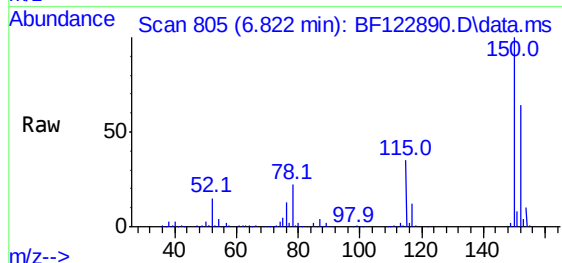




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

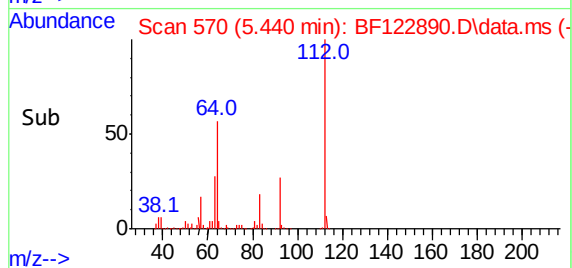
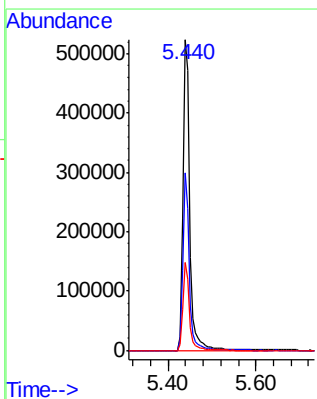
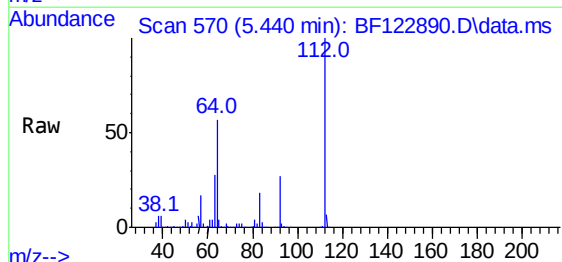
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

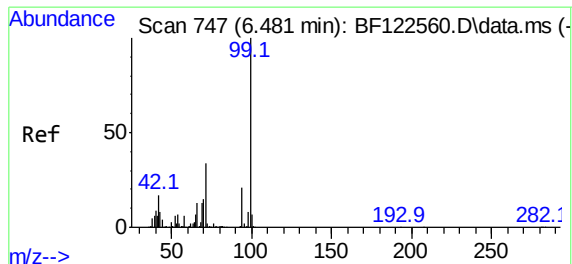
Tgt Ion:152 Resp: 130481
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 55.3 49.3 73.9



#5
2-Fluorophenol
Concen: 68.15 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion:112 Resp: 561655
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 28.2 24.5 36.7

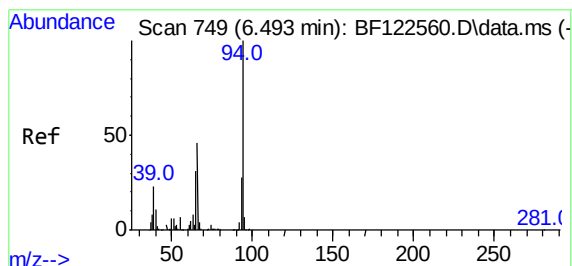
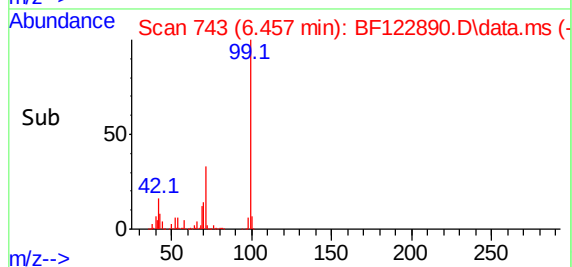
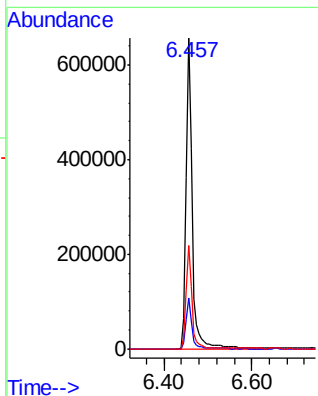
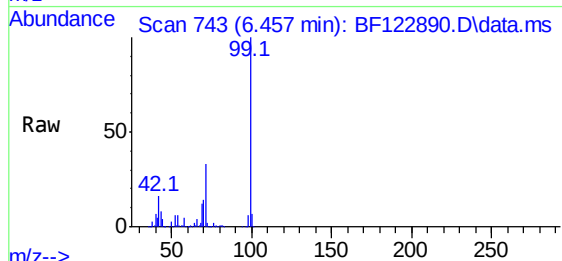




#7
Phenol-d6
Concen: 59.40 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

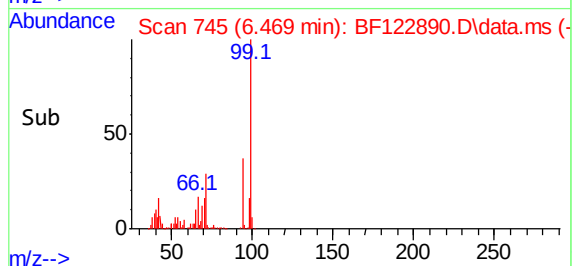
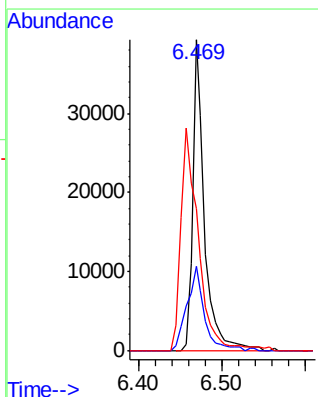
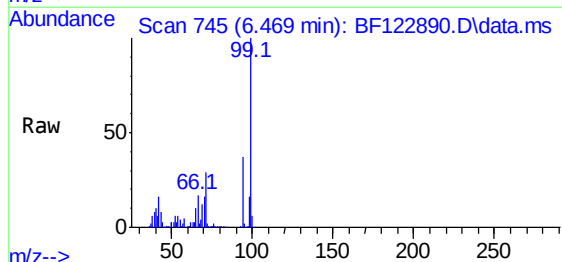
Instrument :
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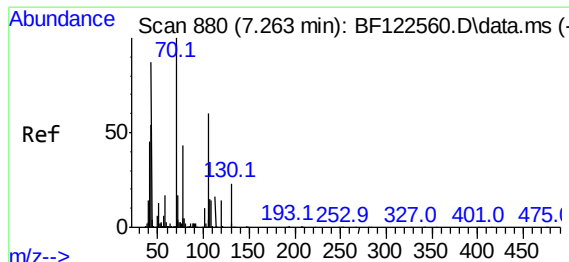
Tgt Ion: 99 Resp: 649296
Ion Ratio Lower Upper
99 100
42 16.5 13.8 20.6
71 33.3 26.9 40.3



#10
Phenol
Concen: 3.45 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion: 94 Resp: 39102
Ion Ratio Lower Upper
94 100
65 27.0 11.2 51.2
66 45.7 25.8 65.8

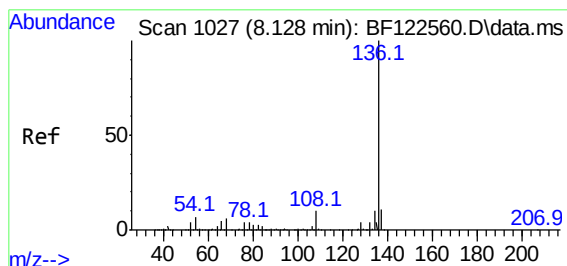
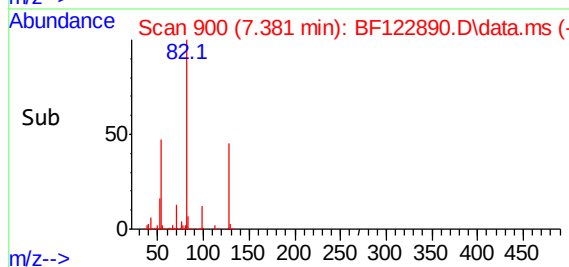
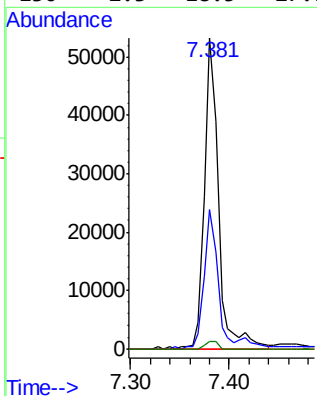
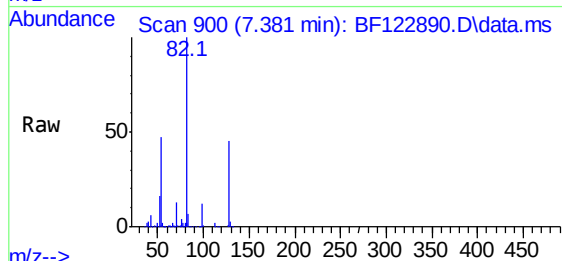




#19
n-Nitroso-di-n-propylamine
Concen: 8.32 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

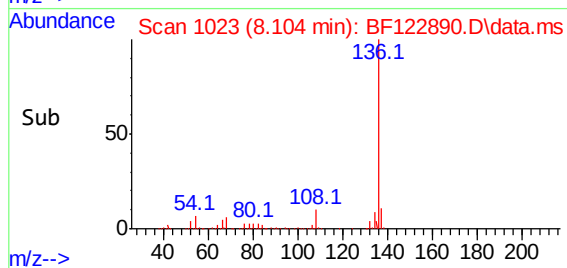
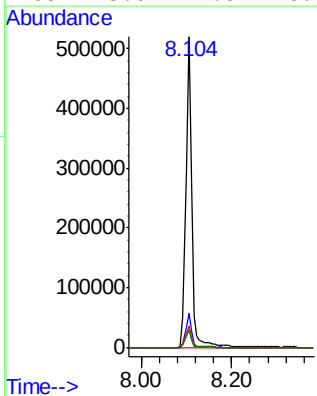
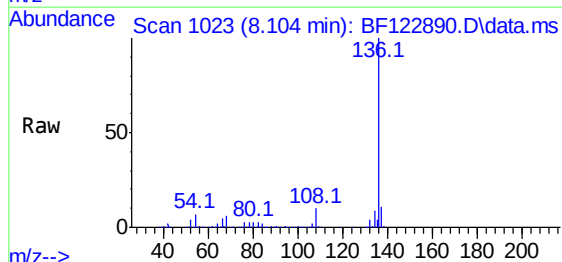
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

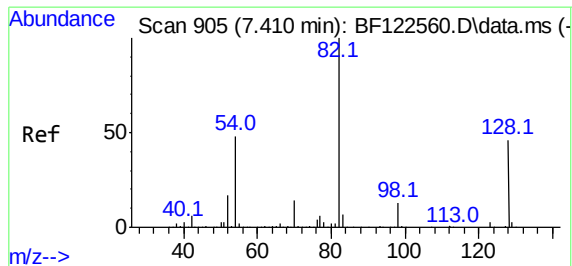
Tgt Ion:	70	Resp:	52103
Ion	Ratio	Lower	Upper
70	100		
42	44.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion:	136	Resp:	463045
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.9	5.5	8.3
68	5.6	4.6	6.8

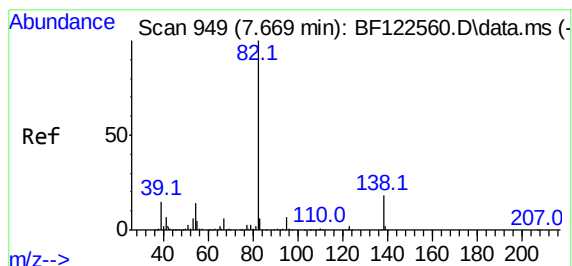
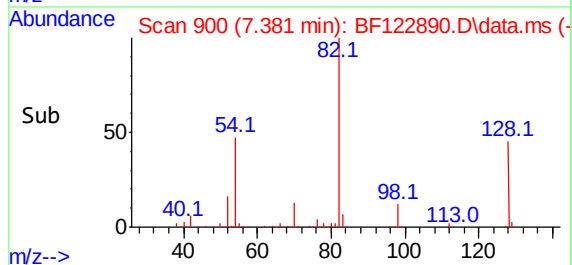
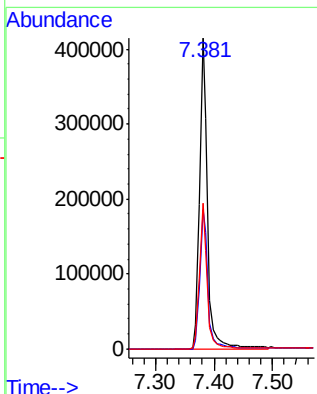
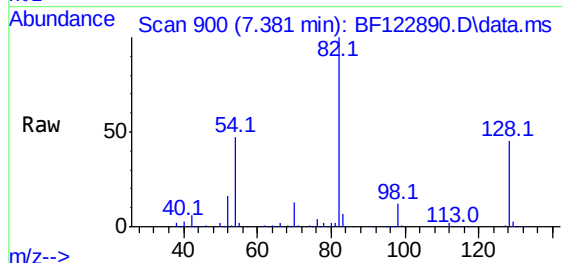




#23
Nitrobenzene-d5
Concen: 42.66 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

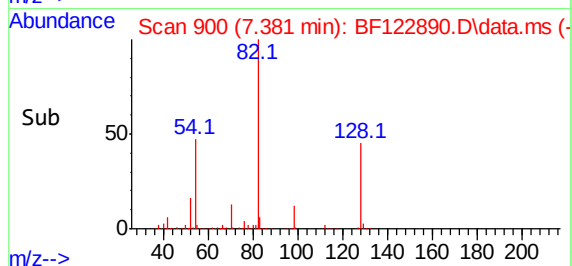
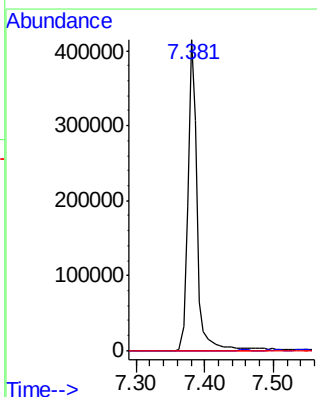
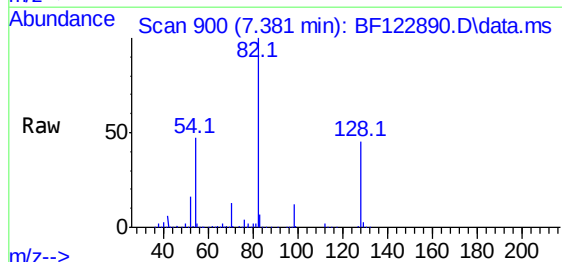
Instrument :
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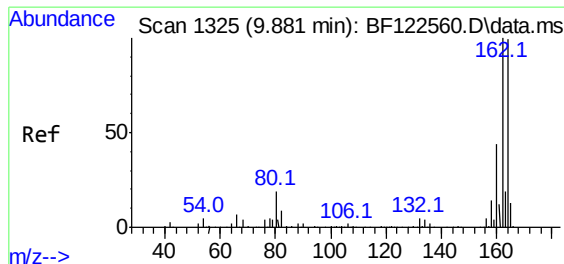
Tgt Ion: 82 Resp: 394231
Ion Ratio Lower Upper
82 100
128 44.9 37.0 55.4
54 46.8 38.4 57.6



#25
Isophorone
Concen: 24.76 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion: 82 Resp: 394142
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

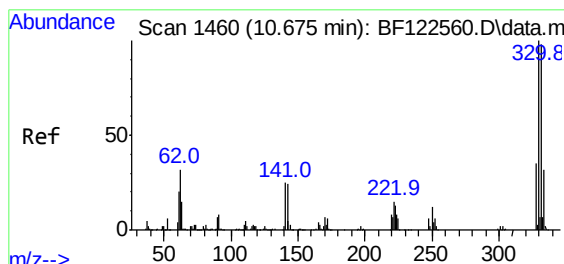
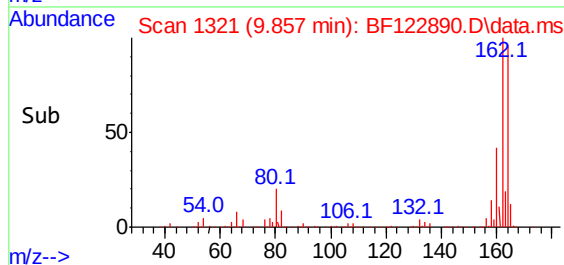
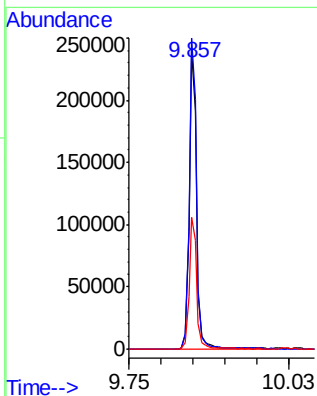
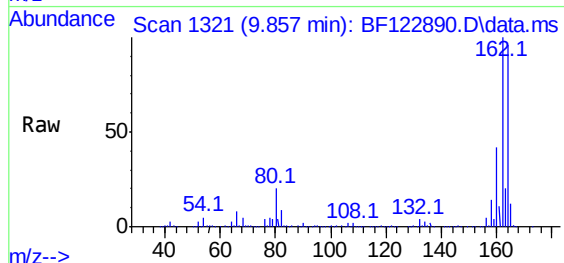




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

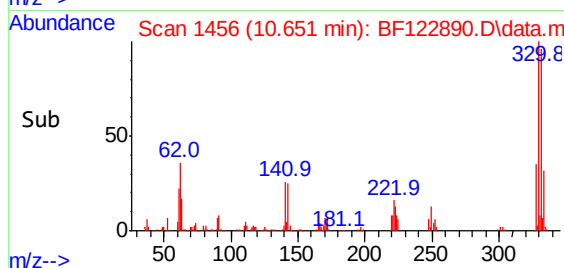
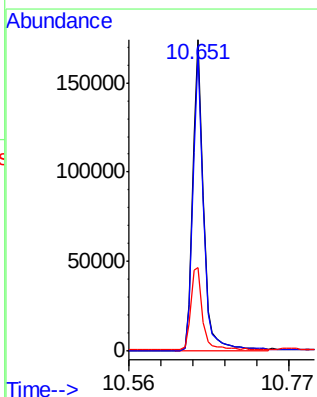
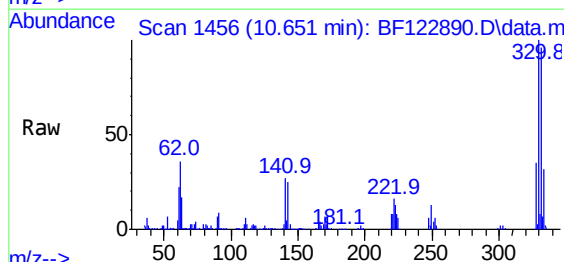
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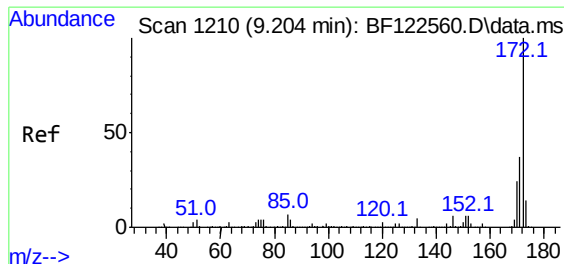
Tgt Ion:164 Resp: 217388
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 44.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 57.80 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion:330 Resp: 164468
Ion Ratio Lower Upper
330 100
332 96.1 77.5 116.3
141 29.4 23.8 35.8

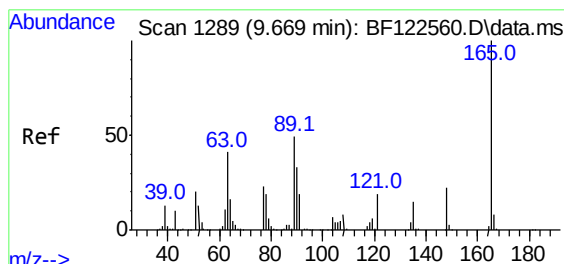
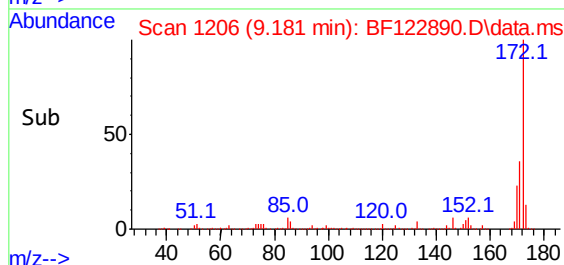
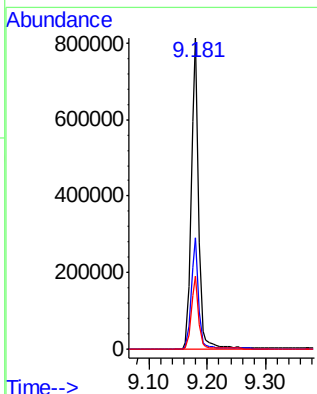
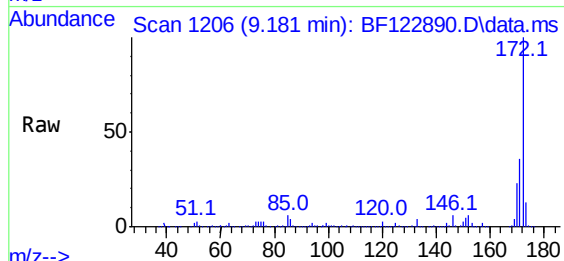




#45
2-Fluorobiphenyl
Concen: 44.56 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

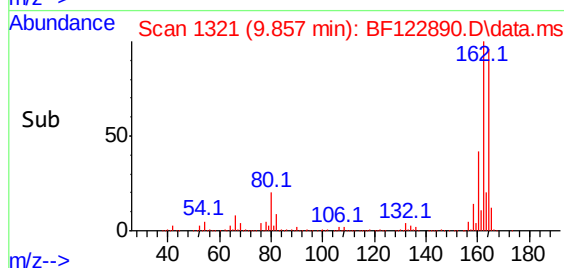
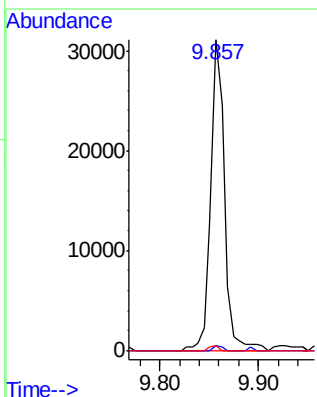
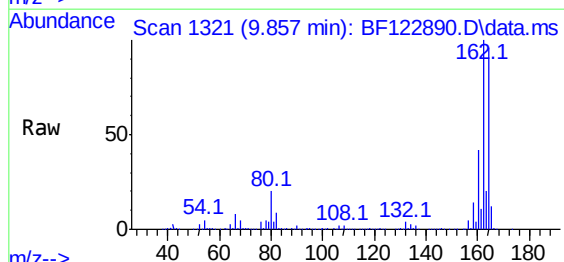
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ClientSampleId :
TR-05-122920

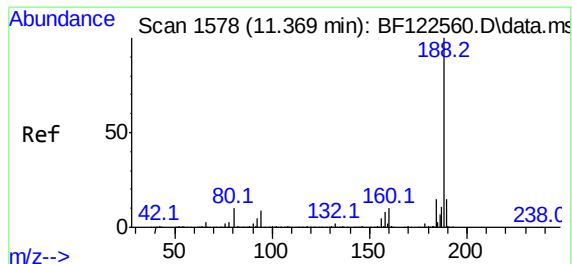
Tgt Ion:172 Resp: 716103
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.3 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion:165 Resp: 29326
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.5 39.4 59.0#

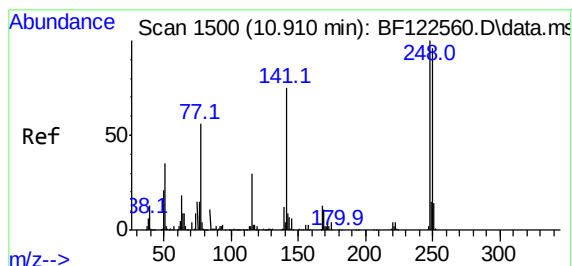
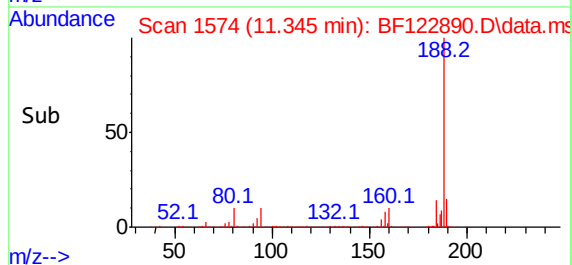
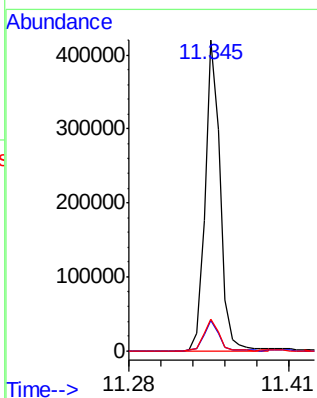
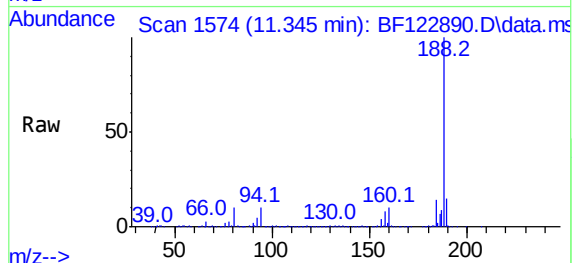




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

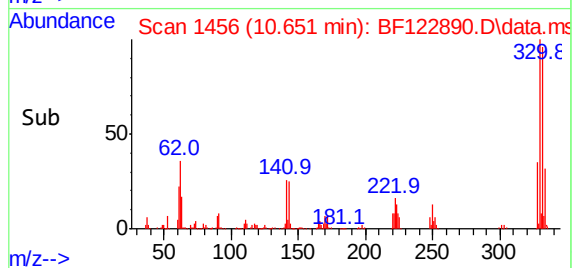
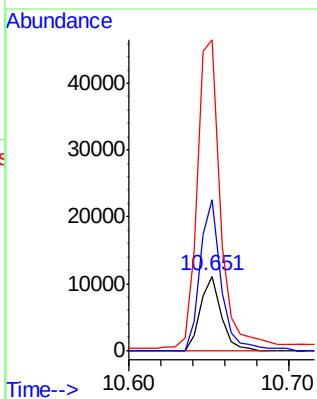
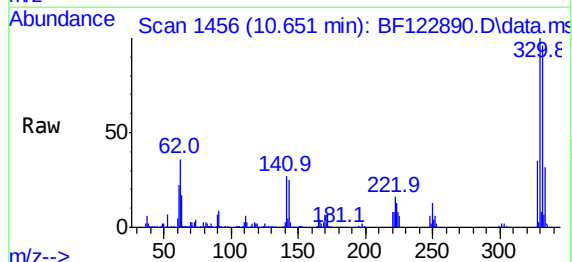
Instrument :
BNA_F
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TR-05-122920

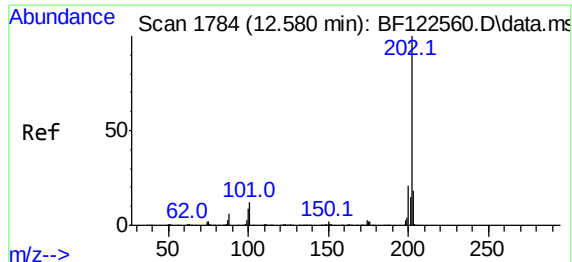
Tgt Ion:188 Resp: 362115
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.04 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.241 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion:248 Resp: 10029
Ion Ratio Lower Upper
248 100
250 203.4 76.8 115.2#
141 418.0 59.8 89.8#

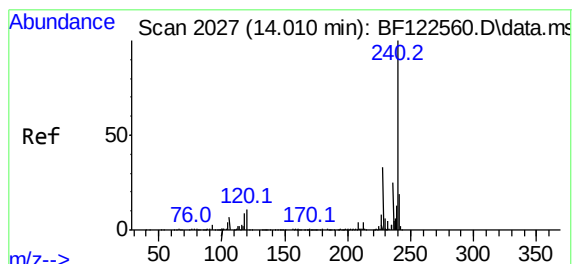
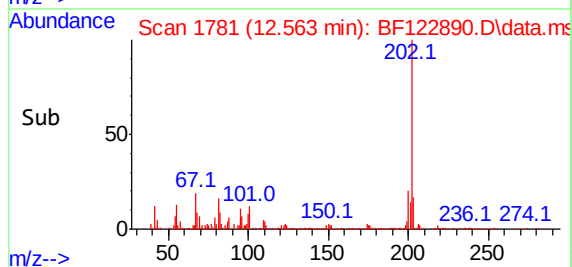
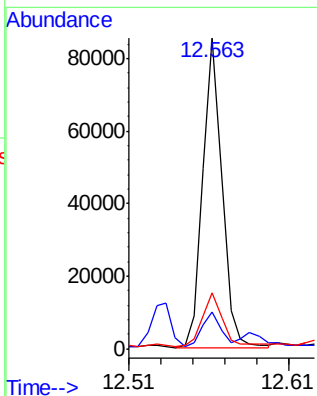
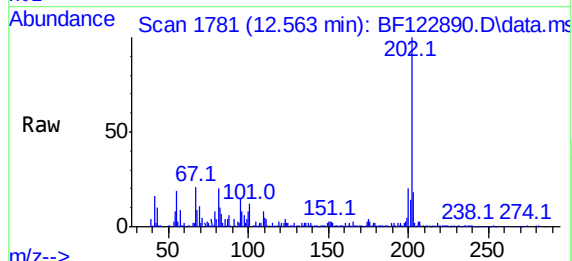




#75
Fluoranthene
Concen: 3.18 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

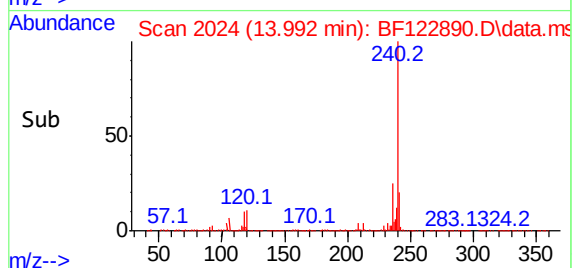
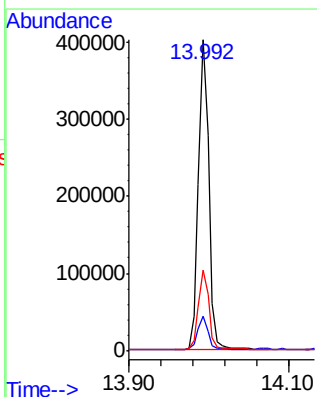
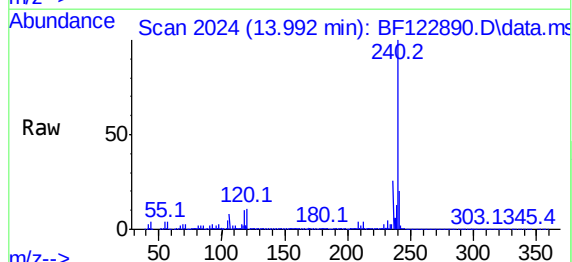
Instrument :
BNA_F
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TR-05-122920

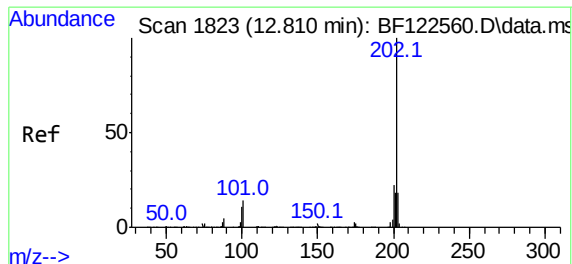
Tgt Ion:202 Resp: 71850
Ion Ratio Lower Upper
202 100
101 11.9 0.0 32.2
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion:240 Resp: 365187
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.8 20.3 30.5

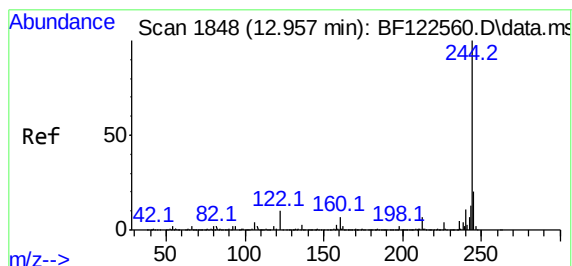
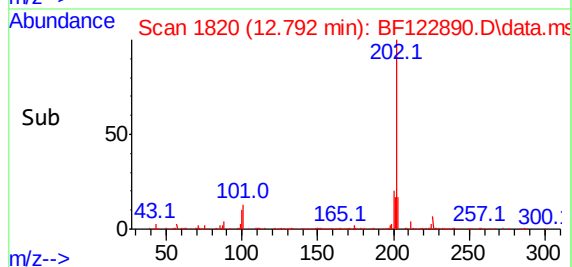
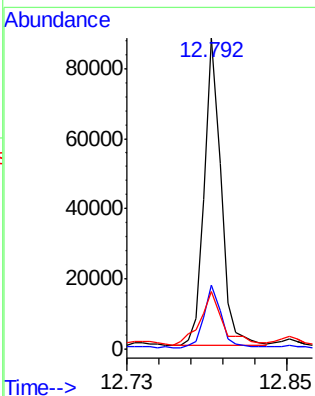
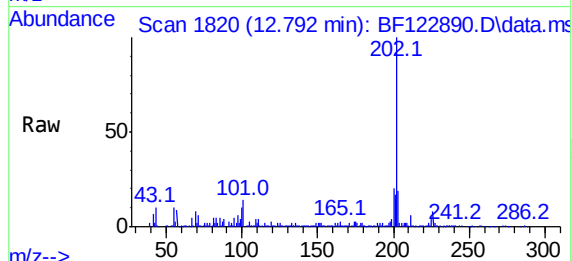




#78
Pyrene
Concen: 2.65 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

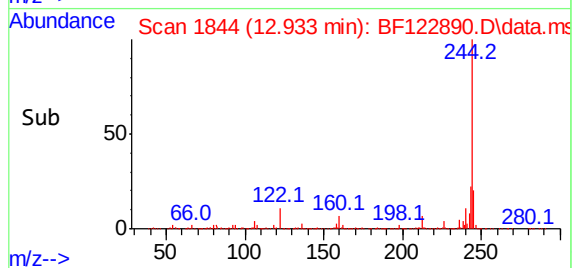
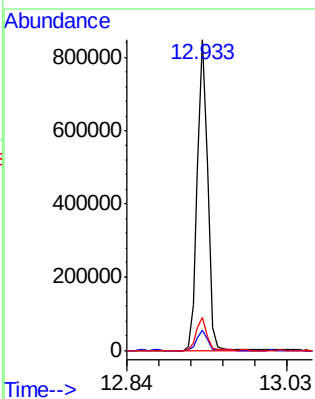
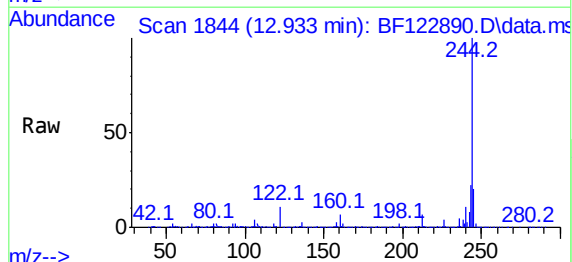
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

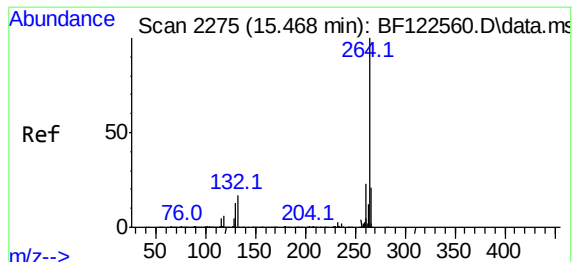
Tgt Ion:202 Resp: 74869
Ion Ratio Lower Upper
202 100
200 20.3 17.6 26.4
203 18.6 14.6 21.8



#79
Terphenyl-d14
Concen: 35.26 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Tgt Ion:244 Resp: 735592
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.7 8.3 12.5

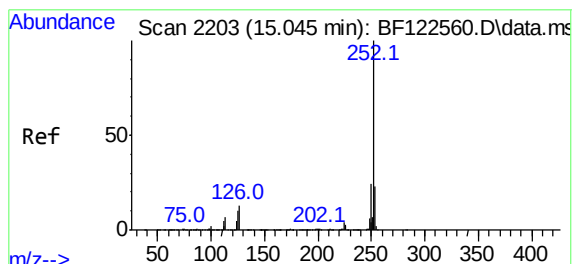
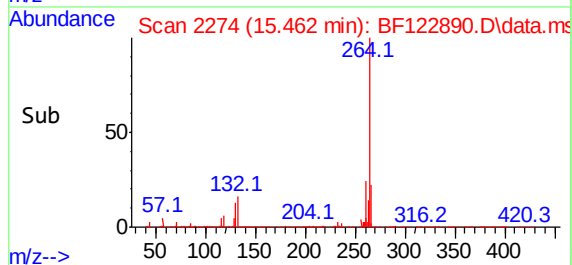
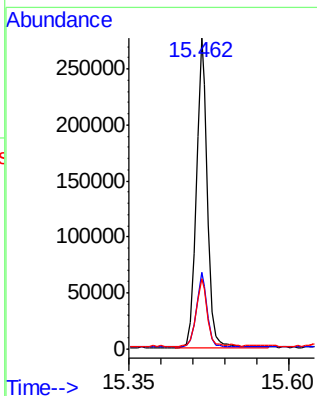
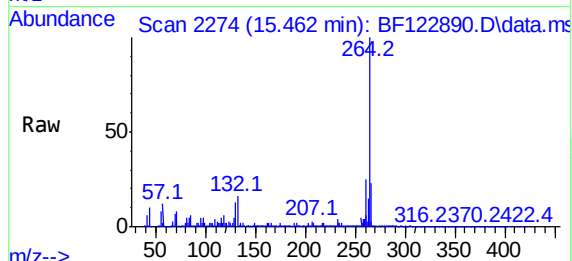




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.023 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

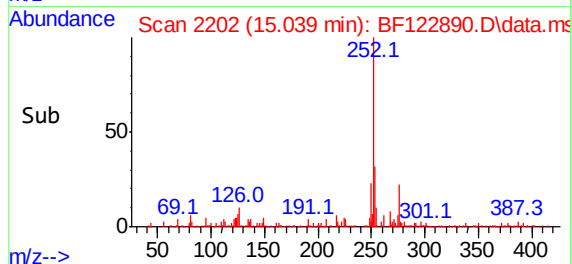
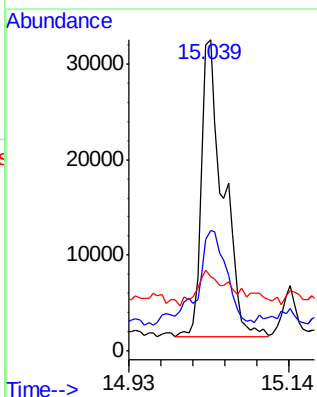
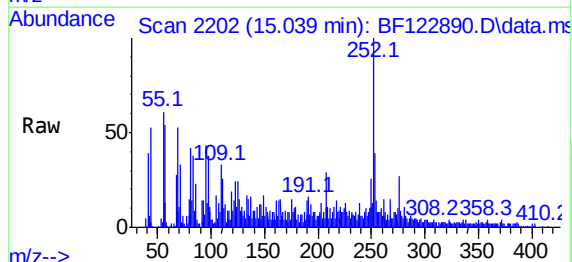
Instrument :
BNA_F
ClientSampleId :
TR-05-122920

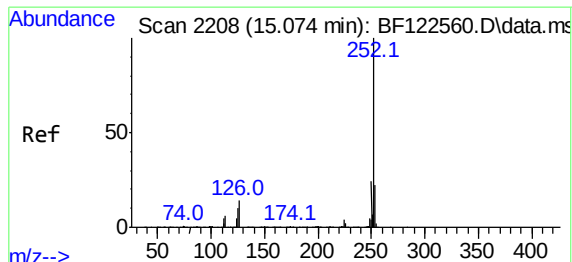
Tgt Ion:264 Resp: 347583
Ion Ratio Lower Upper
264 100
260 24.7 18.6 28.0
265 22.5 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 2.59 ng
RT: 15.039 min Scan# 2202
Delta R.T. 0.017 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

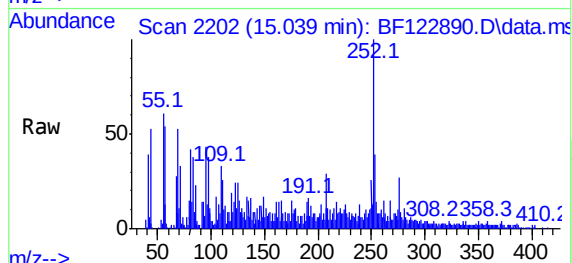
Tgt Ion:252 Resp: 63113
Ion Ratio Lower Upper
252 100
253 38.8 18.3 27.5#
125 24.0 8.1 12.1#





#89
Benzo(k)fluoranthene
Concen: 2.83 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.012 min
Lab File: BF122890.D
Acq: 30 Dec 2020 21:09

Instrument :
BNA_F
ClientSampleId :
TR-05-122920



Tgt Ion:252 Resp: 63113

Ion	Ratio	Lower	Upper
252	100		
253	38.8	17.8	26.8#
125	24.0	8.4	12.6#

