

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122592.D
 Acq On : 8 Dec 2020 17:13
 Operator : JU/CG
 Sample : L4971-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5S2-A-D-COMP

Quant Time: Dec 09 01:11:00 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)

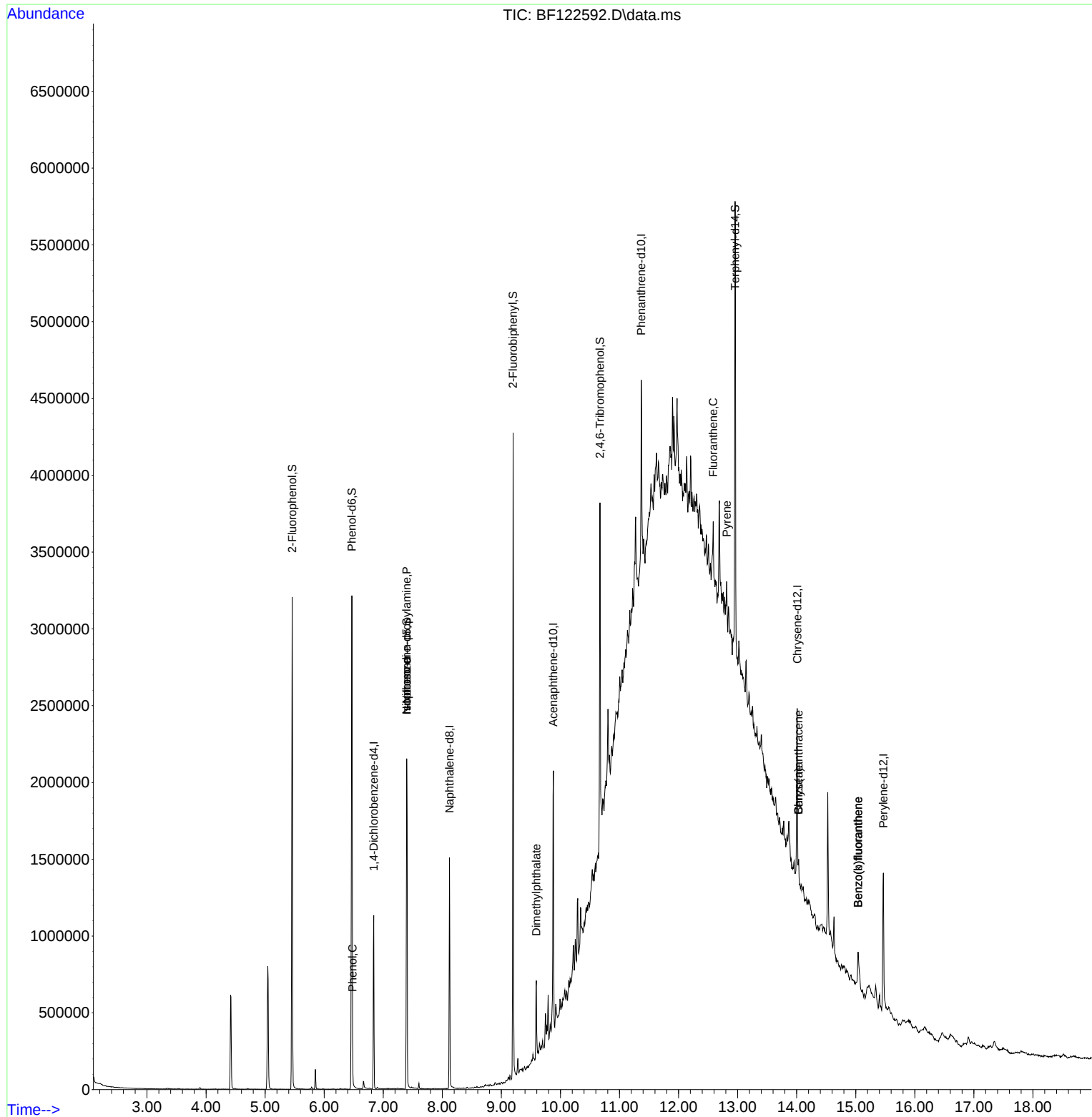
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	164216	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	643599	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	339990	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	515360	20.00	ng	# 0.00
76) Chrysene-d12	14.010	240	409893	20.00	ng	0.00
86) Perylene-d12	15.468	264	445131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	938343	90.46	ng	0.00
7) Phenol-d6	6.469	99	1179989	85.78	ng	-0.01
23) Nitrobenzene-d5	7.398	82	724866	56.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	319975	71.90	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1305844	51.95	ng	0.00
79) Terphenyl-d14	12.957	244	1125288	48.06	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.481	94	48457	3.40	ng	86
19) n-Nitroso-di-n-propyla...	7.398	70	97375	12.36	ng	# 78
25) Isophorone	7.398	82	719978	32.54	ng	# 65
50) Dimethylphthalate	9.592	163	153007	5.64	ng	# 98
75) Fluoranthene	12.586	202	166566	5.19	ng	92
78) Pyrene	12.816	202	142757	4.50	ng	# 93
81) Benzo(a)anthracene	14.033	228	74104	2.71	ng	96
83) Chrysene	14.033	228	74104	2.72	ng	# 96
88) Benzo(b)fluoranthene	15.039	252	128327	4.11	ng	# 92
89) Benzo(k)fluoranthene	15.039	252	128327	4.49	ng	# 91

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

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Quant Time: Dec 09 01:11:00 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

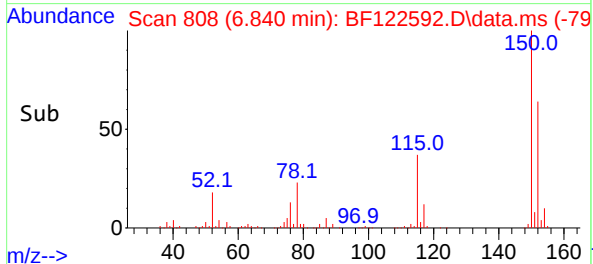
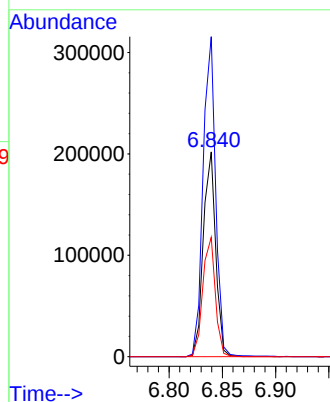
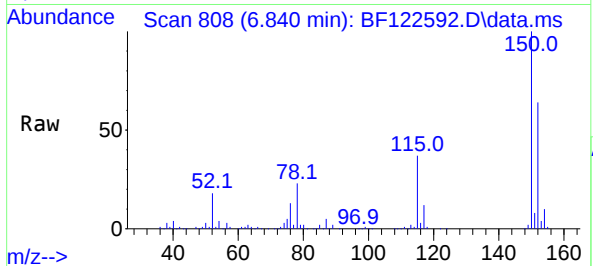




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

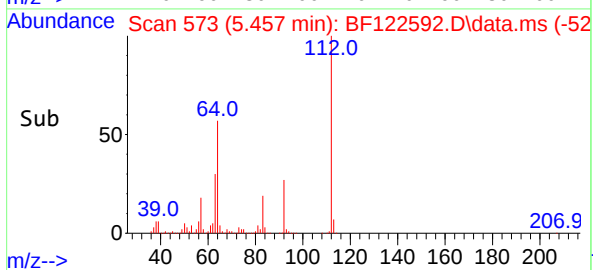
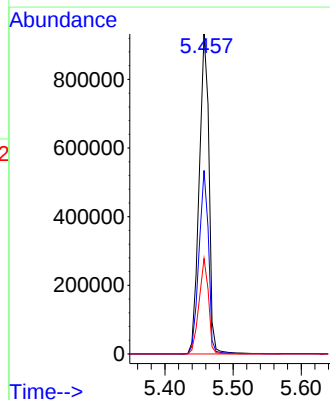
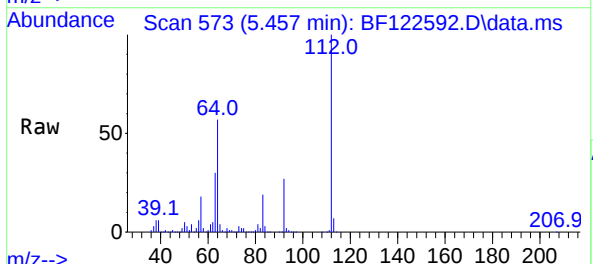
Instrument :
BNA_F
ClientSampleId :
5S2-A-D-COMP

Tgt Ion:152 Resp: 164216
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 58.3 49.3 73.9



#5
2-Fluorophenol
Concen: 90.46 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion:112 Resp: 938343
Ion Ratio Lower Upper
112 100
64 57.3 46.9 70.3
63 29.8 24.5 36.7



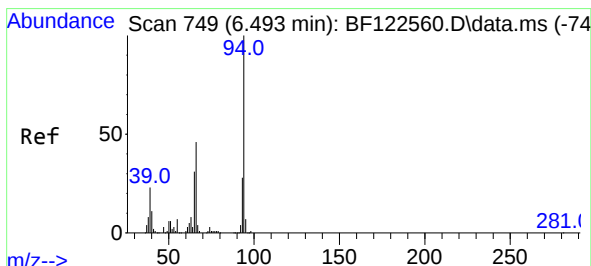
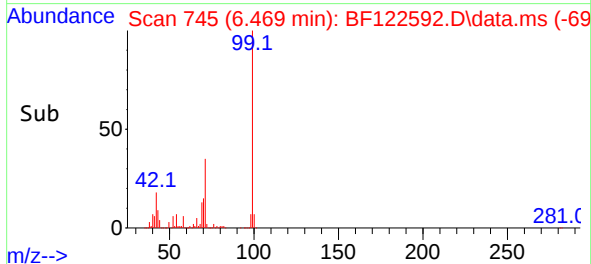
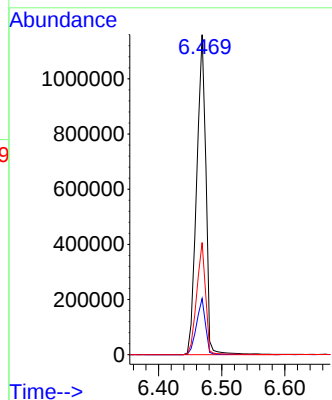
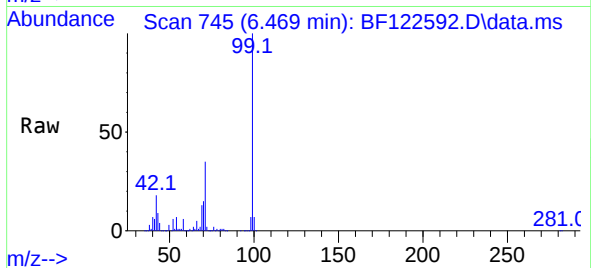


#7
Phenol-d6
Concen: 85.78 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Instrument :
BNA_F
ClientSampleId :
5S2-A-D-COMP

Tgt Ion: 99 Resp: 1179989

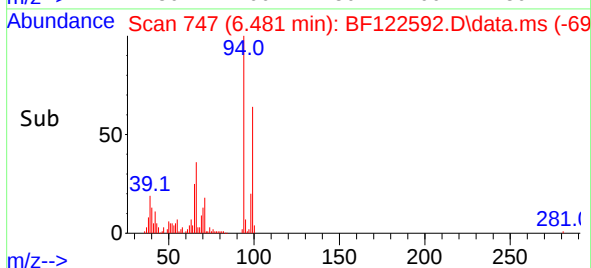
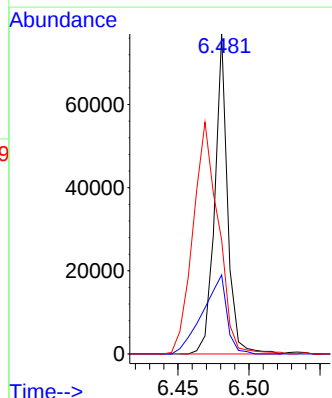
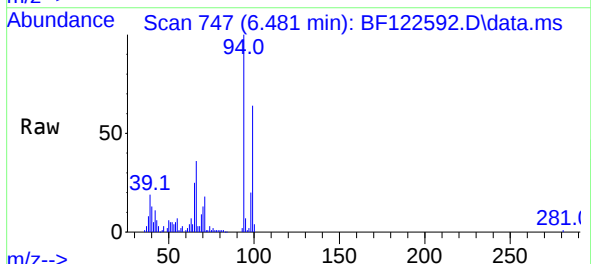
Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.8	20.6
71	35.1	26.9	40.3

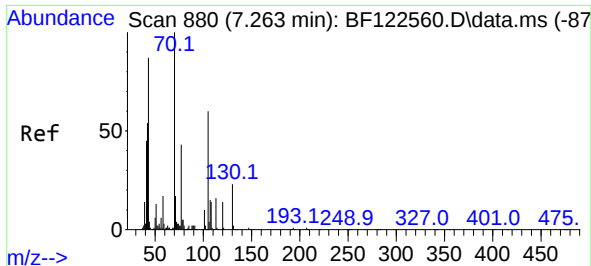


#10
Phenol
Concen: 3.40 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion: 94 Resp: 48457

Ion	Ratio	Lower	Upper
94	100		
65	24.7	11.2	51.2
66	35.7	25.8	65.8



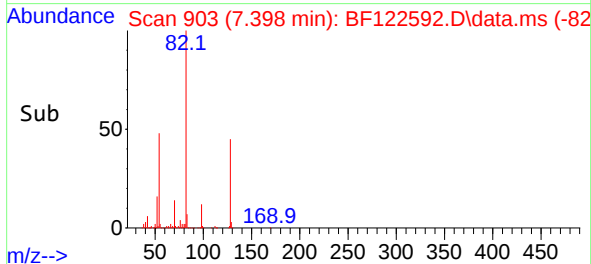
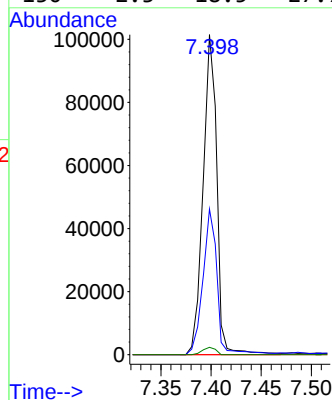
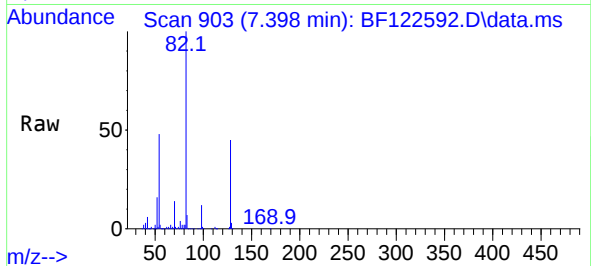


#19
n-Nitroso-di-n-propylamine
Concen: 12.36 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Instrument :
BNA_F
ClientSampleId :
5S2-A-D-COMP

Tgt Ion: 70 Resp: 97375

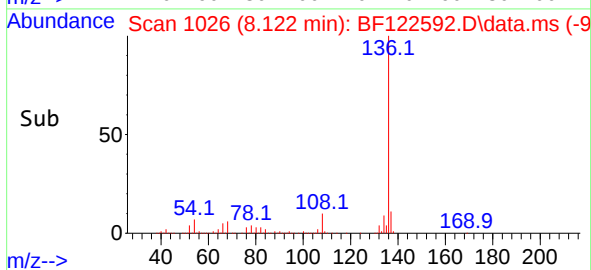
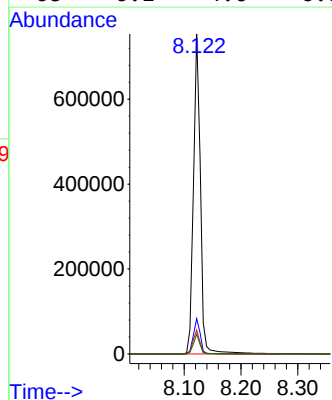
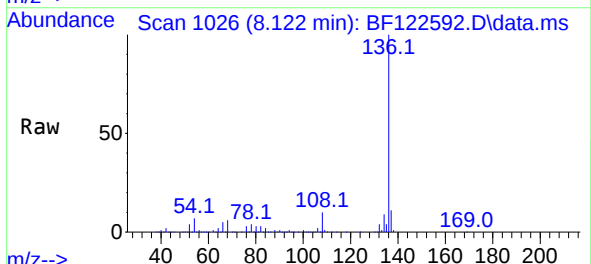
Ion	Ratio	Lower	Upper
70	100		
42	45.5	43.0	64.4
101	0.0	7.9	11.9#
130	2.3	18.5	27.7#

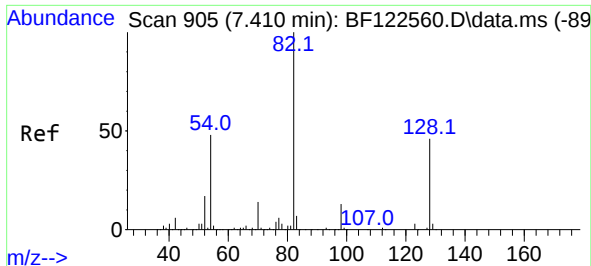


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion: 136 Resp: 643599

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.4	5.5	8.3
68	6.1	4.6	6.8

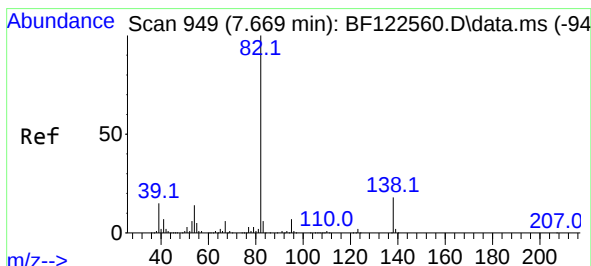
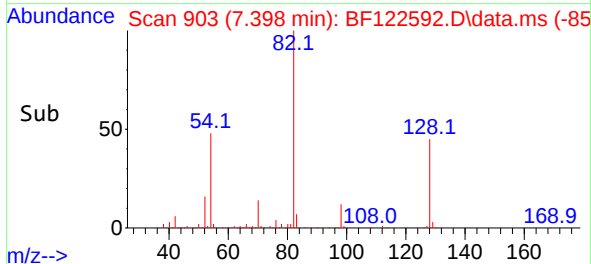
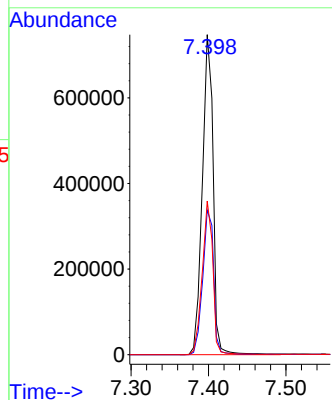
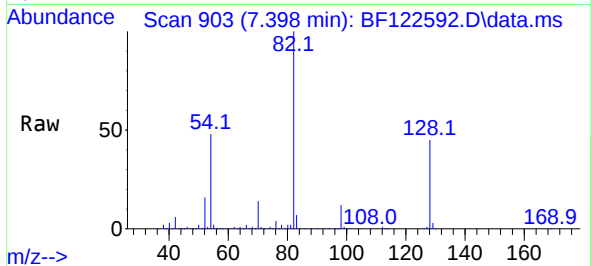




#23
Nitrobenzene-d5
Concen: 56.43 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

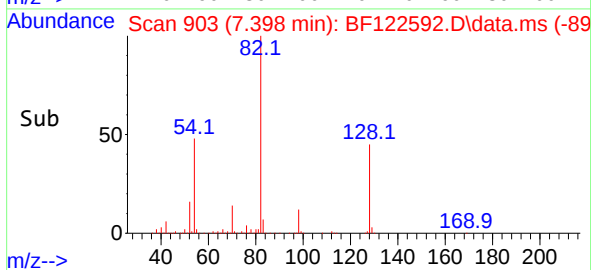
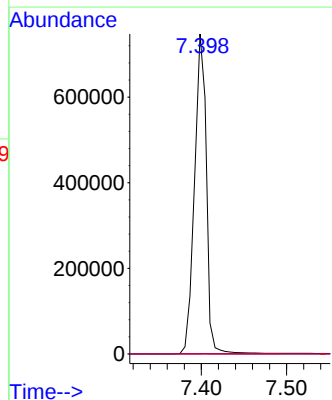
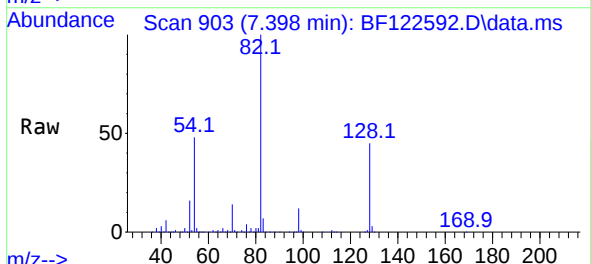
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ClientSampleId :
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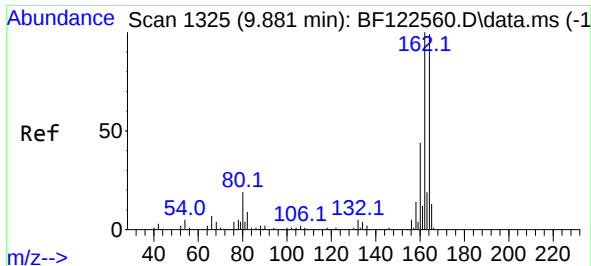
Tgt Ion: 82 Resp: 724866
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 48.0 38.4 57.6



#25
Isophorone
Concen: 32.54 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion: 82 Resp: 719978
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

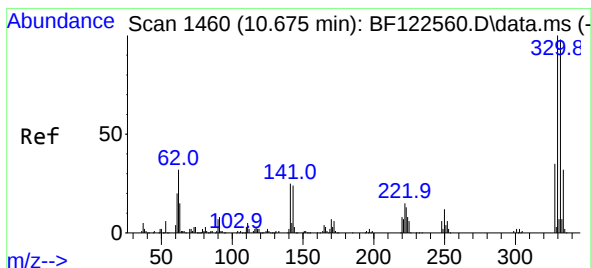
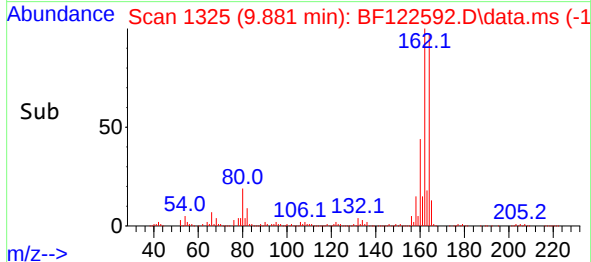
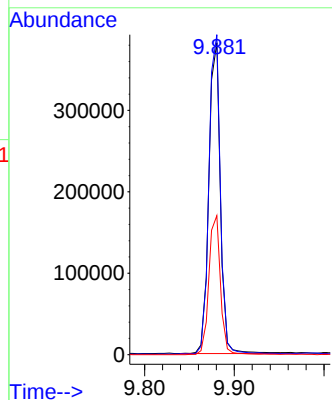
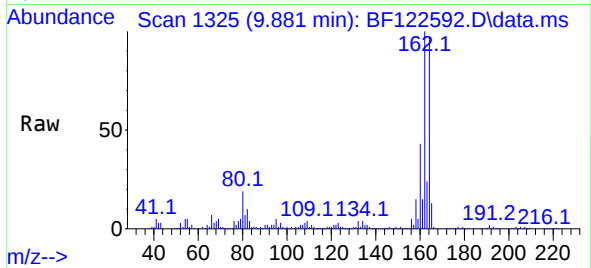




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

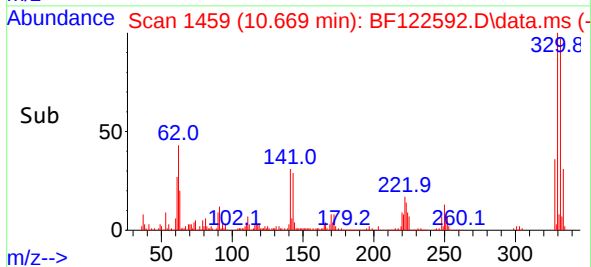
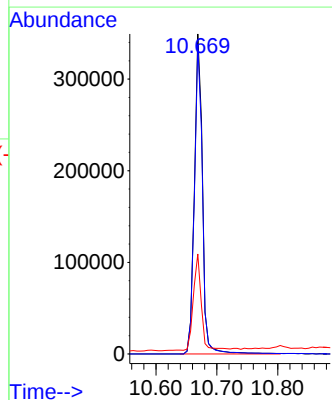
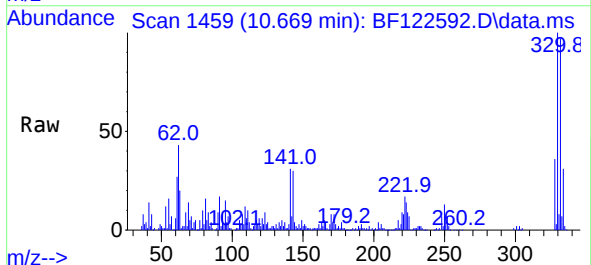
Instrument :
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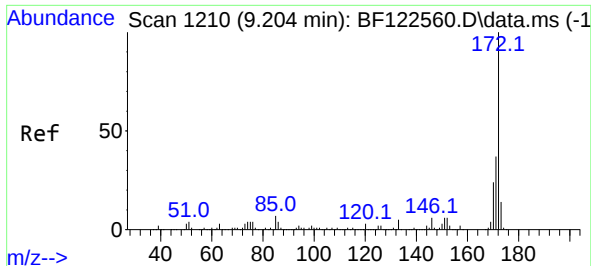
Tgt Ion:164 Resp: 339990
Ion Ratio Lower Upper
164 100
162 102.6 80.8 121.2
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 71.90 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion:330 Resp: 319975
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 30.8 23.8 35.8

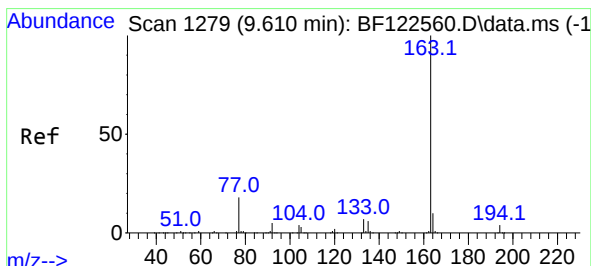
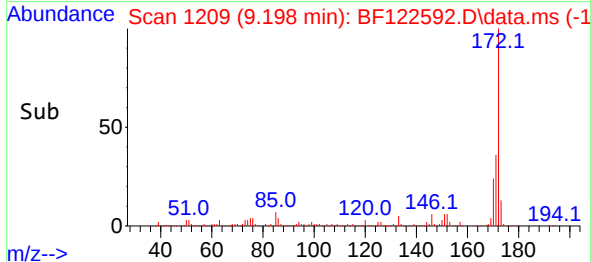
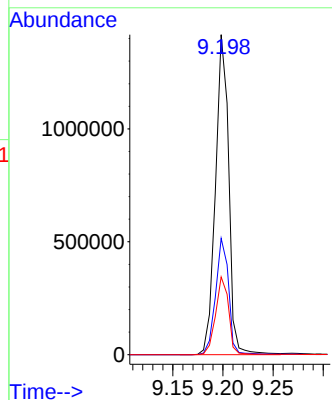
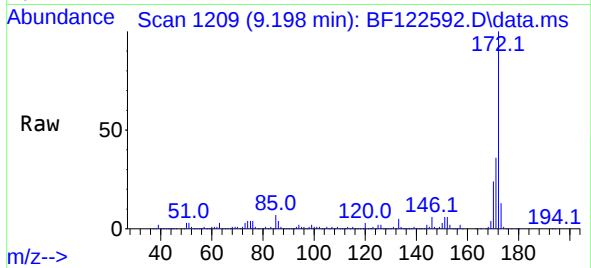




#45
2-Fluorobiphenyl
Concen: 51.95 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

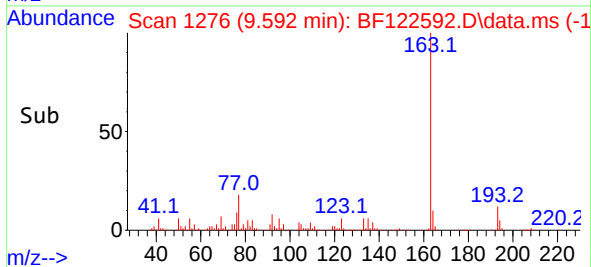
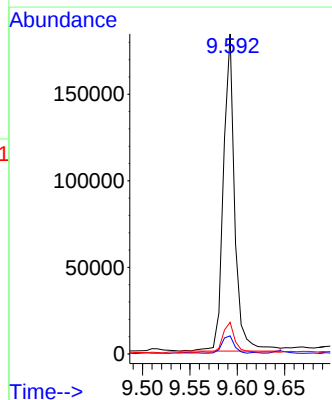
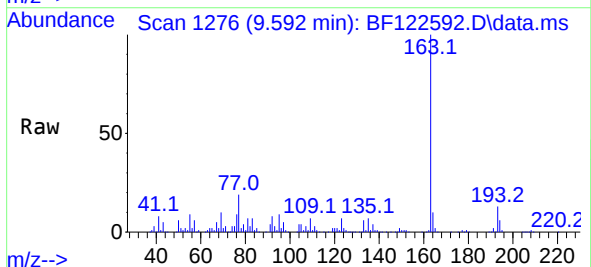
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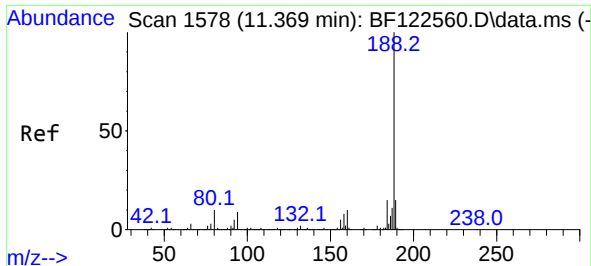
Tgt Ion:172 Resp: 1305844
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 5.64 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion:163 Resp: 153007
Ion Ratio Lower Upper
163 100
194 5.7 3.4 5.0#
164 9.9 8.1 12.1

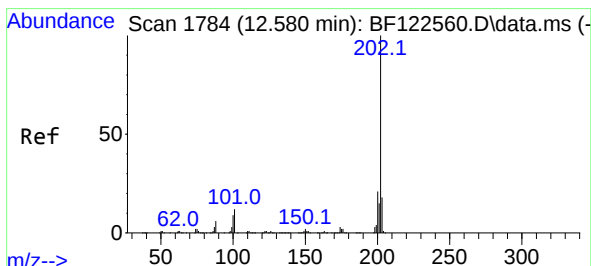
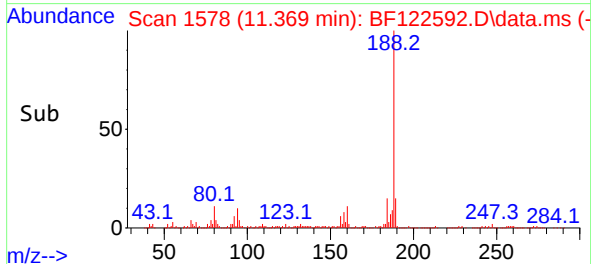
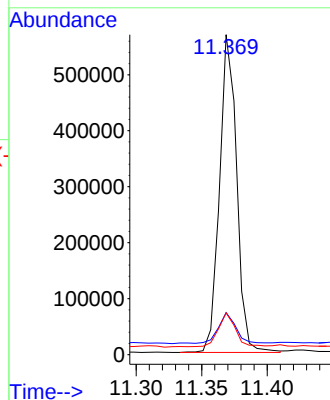
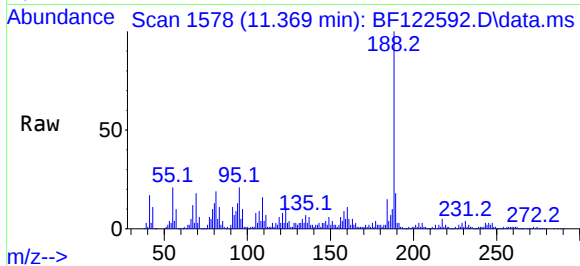




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

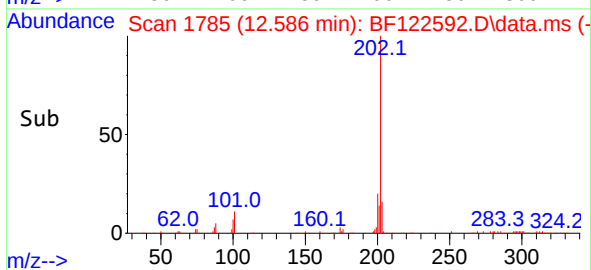
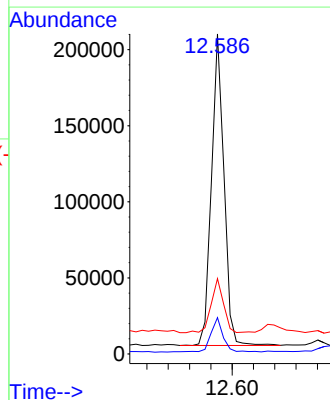
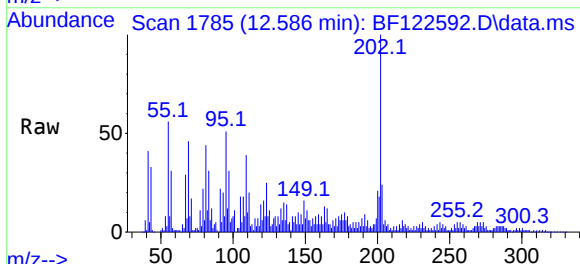
Instrument :
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ClientSampleId :
5S2-A-D-COMP

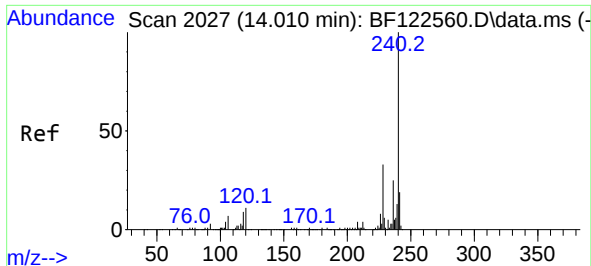
Tgt Ion:188 Resp: 515360
Ion Ratio Lower Upper
188 100
94 13.2 7.4 11.2#
80 13.1 8.2 12.4#



#75
Fluoranthene
Concen: 5.19 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion:202 Resp: 166566
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.2
203 23.6 0.0 38.1

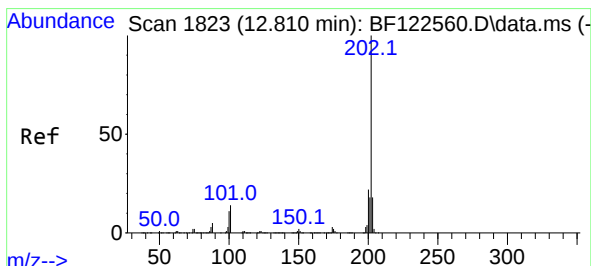
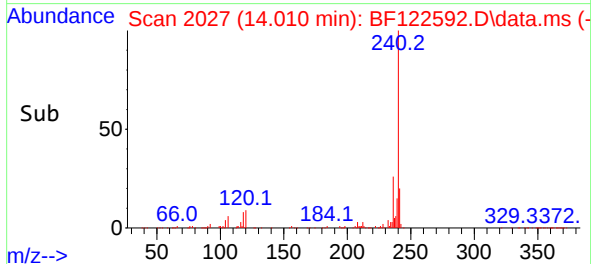
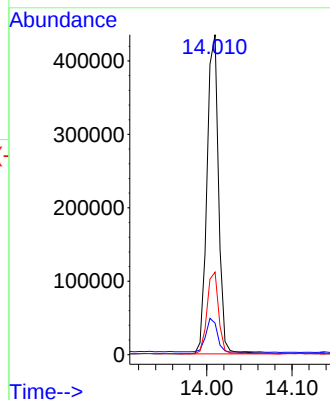
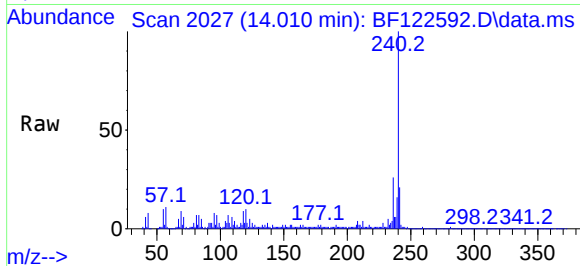




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

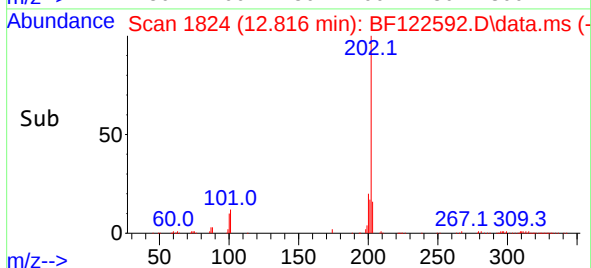
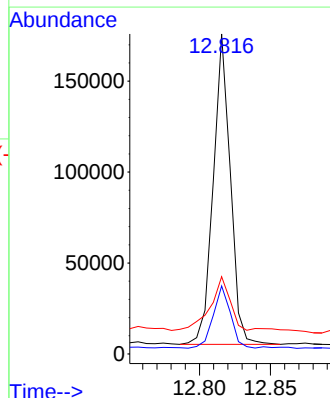
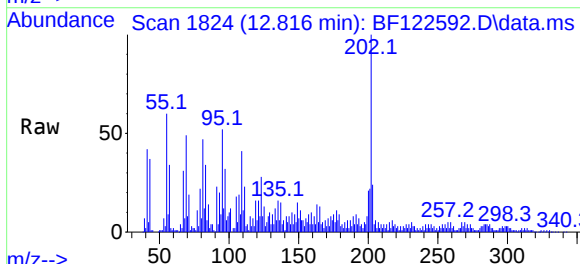
Instrument :
BNA_F
ClientSampleId :
5S2-A-D-COMP

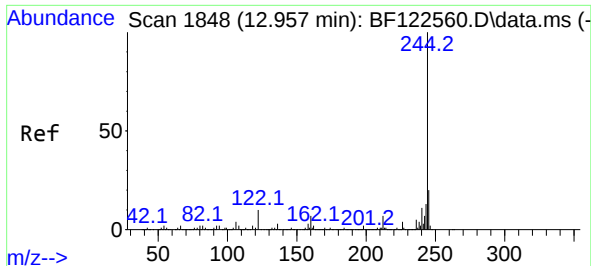
Tgt Ion:	240	Resp:	409893
Ion Ratio	Lower	Upper	
240	100		
120	9.8	8.6	12.8
236	25.8	20.3	30.5



#78
Pyrene
Concen: 4.50 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.006 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion:	202	Resp:	142757
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.6	26.4
203	24.1	14.6	21.8



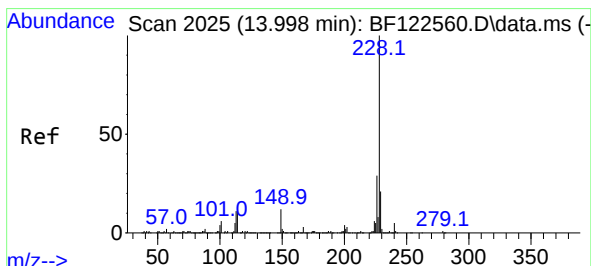
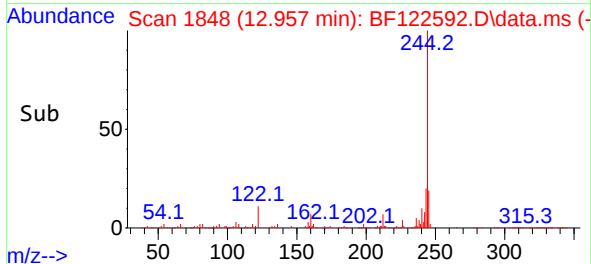
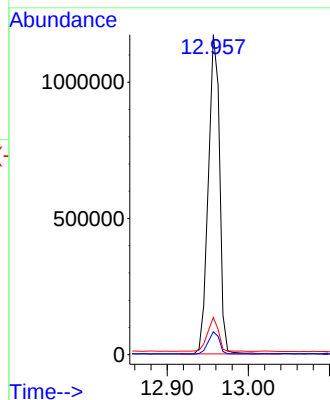
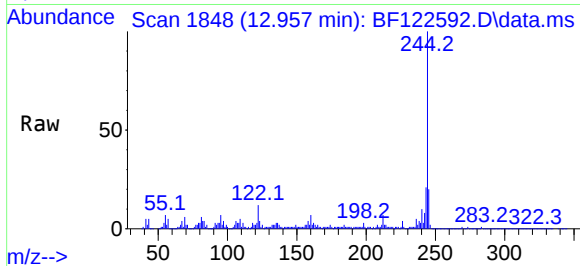


#79
 Terphenyl-d14
 Concen: 48.06 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF122592.D
 Acq: 8 Dec 2020 17:13

Instrument :
 BNA_F
 ClientSampleId :
 5S2-A-D-COMP

Tgt Ion:244 Resp: 1125288

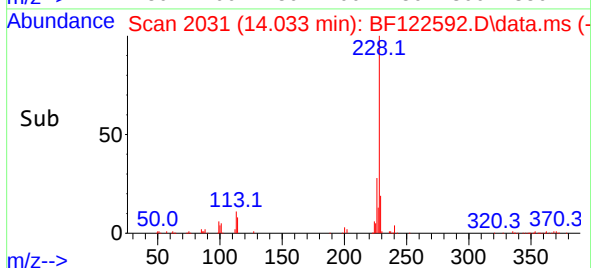
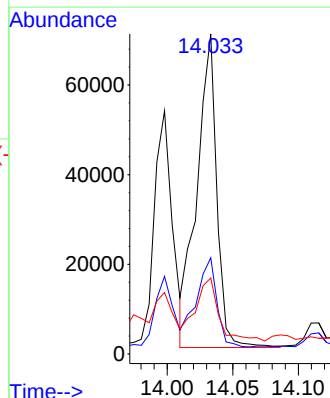
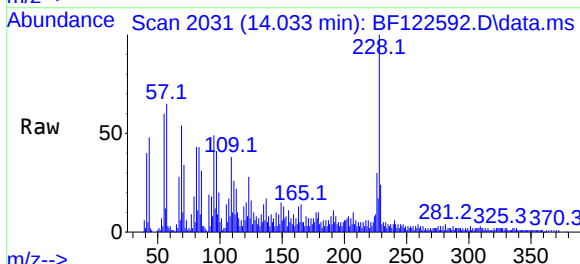
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	11.7	8.3	12.5

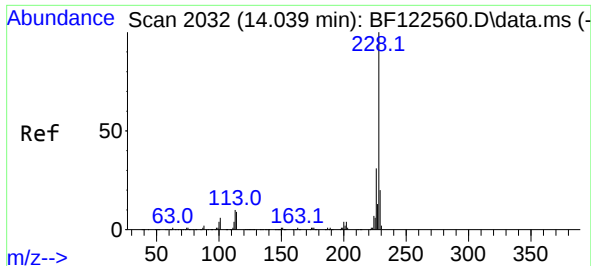


#81
 Benzo(a)anthracene
 Concen: 2.71 ng
 RT: 14.033 min Scan# 2031
 Delta R.T. 0.035 min
 Lab File: BF122592.D
 Acq: 8 Dec 2020 17:13

Tgt Ion:228 Resp: 74104

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.4
229	23.8	16.6	24.8

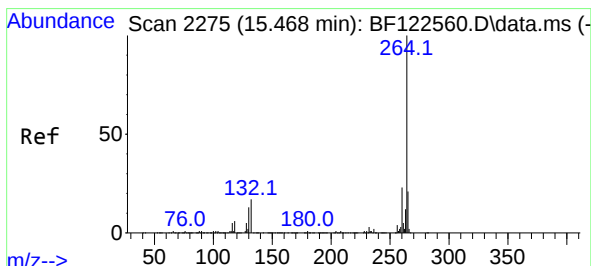
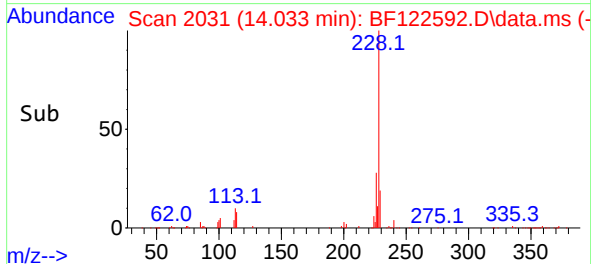
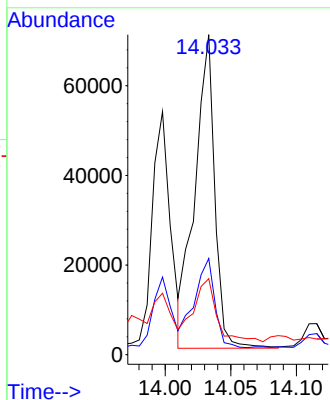
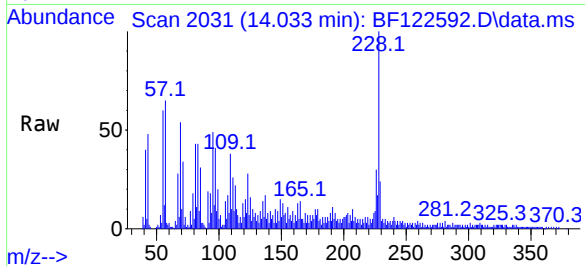




#83
Chrysene
Concen: 2.72 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

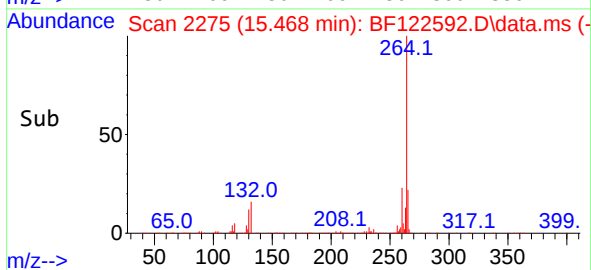
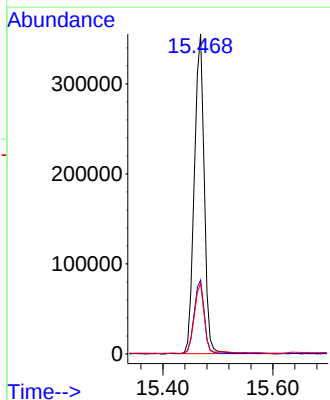
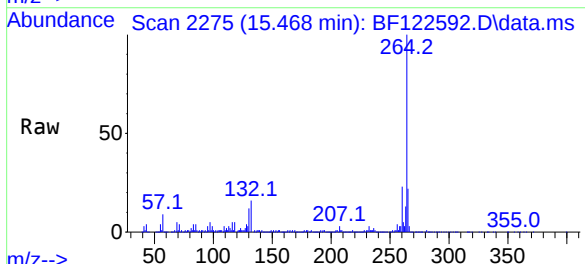
Instrument :
BNA_F
ClientSampleId :
5S2-A-D-COMP

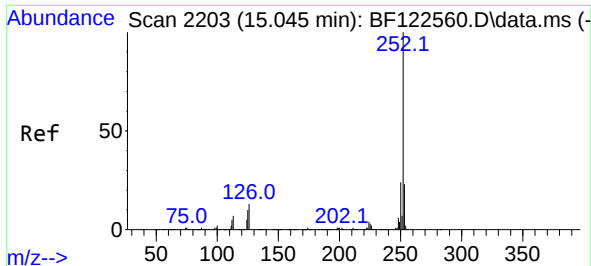
Tgt Ion:228 Resp: 74104
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 23.8 15.8 23.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion:264 Resp: 445131
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 22.1 17.0 25.6

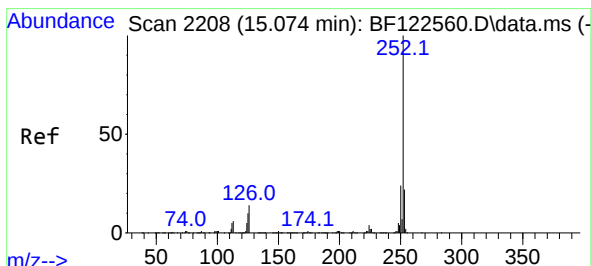
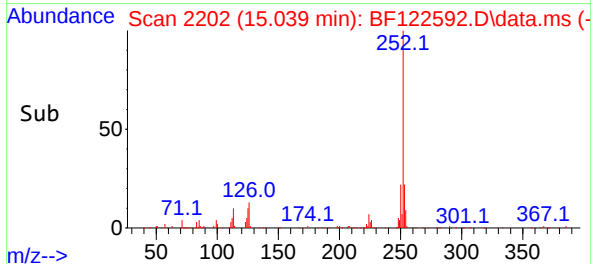
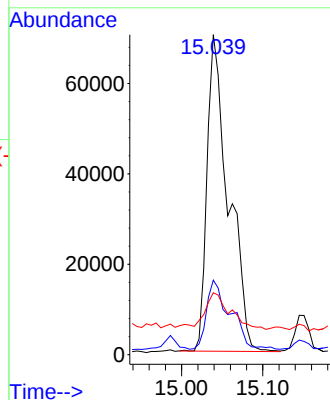
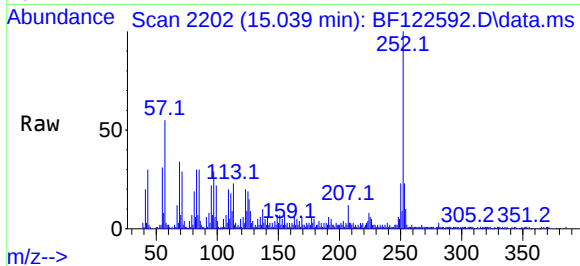




#88
Benzo(b)fluoranthene
Concen: 4.11 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Instrument :
BNA_F
ClientSampleId :
5S2-A-D-COMP

Tgt Ion:252 Resp: 128327
Ion Ratio Lower Upper
252 100
253 23.3 18.3 27.5
125 19.3 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 4.49 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.035 min
Lab File: BF122592.D
Acq: 8 Dec 2020 17:13

Tgt Ion:252 Resp: 128327
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 19.3 8.4 12.6#

