

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122591.D
 Acq On : 8 Dec 2020 16:41
 Operator : JU/CG
 Sample : L4971-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5S1-A-D-COMP

Quant Time: Dec 08 17:13:59 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)

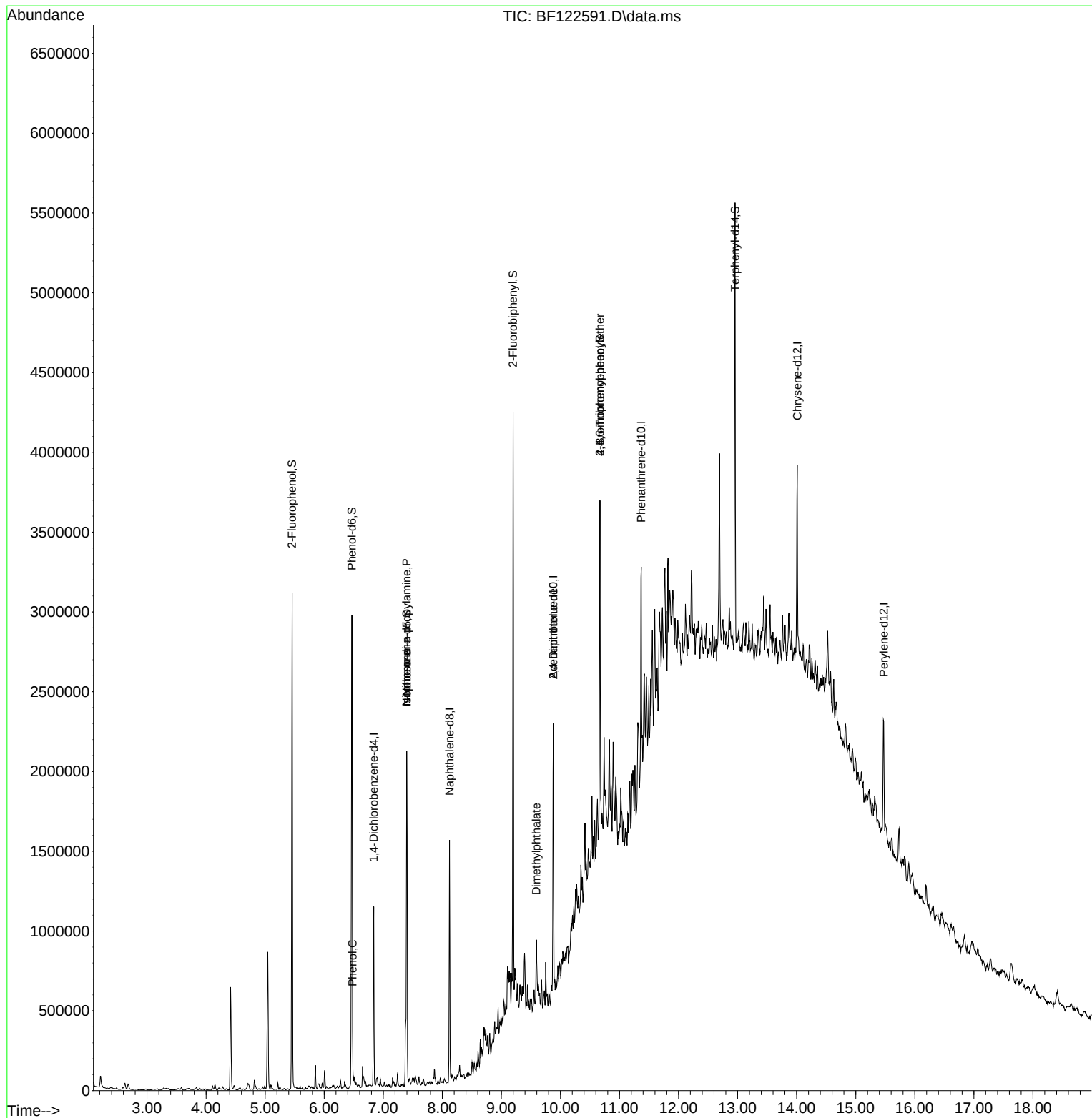
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	159217	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	635363	20.00	ng	0.00
39) Acenaphthene-d10	9.880	164	328259	20.00	ng	0.00
64) Phenanthrene-d10	11.368	188	549341	20.00	ng	0.00
76) Chrysene-d12	14.009	240	388526	20.00	ng	0.00
86) Perylene-d12	15.474	264	394727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	891806	88.68	ng	0.00
7) Phenol-d6	6.469	99	1111023	83.30	ng	-0.01
23) Nitrobenzene-d5	7.398	82	667731	52.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	307742	71.62	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1161543	47.86	ng	0.00
79) Terphenyl-d14	12.957	244	991069	44.65	ng	0.00
Target Compounds						
10) Phenol	6.481	94	49152	3.56	ng	Qvalue 88
19) n-Nitroso-di-n-propyla...	7.398	70	91809	12.02	ng	# 78
25) Isophorone	7.398	82	663650	30.38	ng	# 65
50) Dimethylphthalate	9.592	163	164062	6.26	ng	100
57) 2,4-Dinitrotoluene	9.880	165	42742	5.80	ng	# 26
67) 4-Bromophenyl-phenylether	10.669	248	19268	2.59	ng	# 1

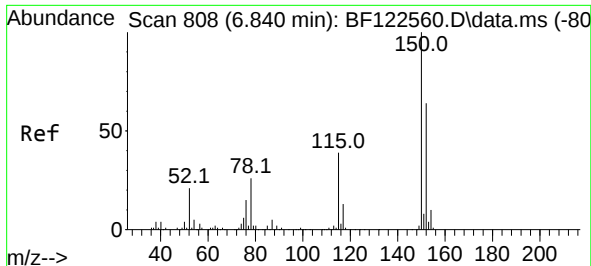
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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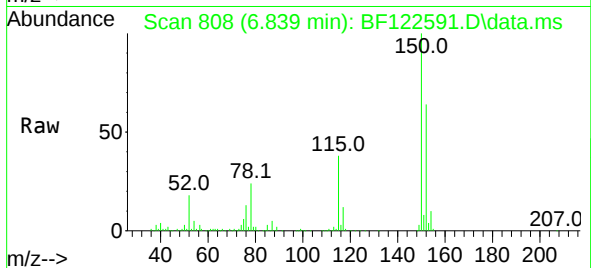
Quant Time: Dec 08 17:13:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
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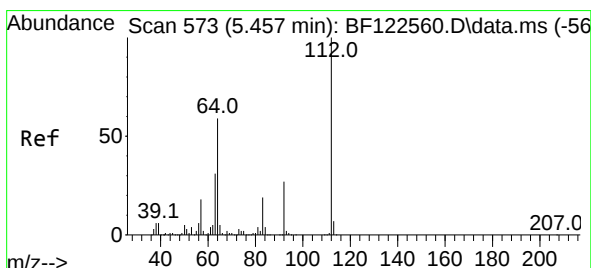
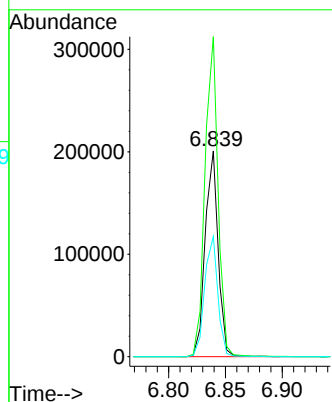
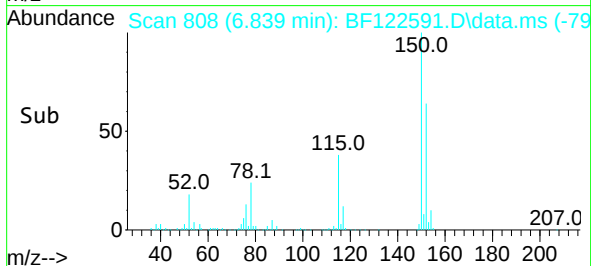


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

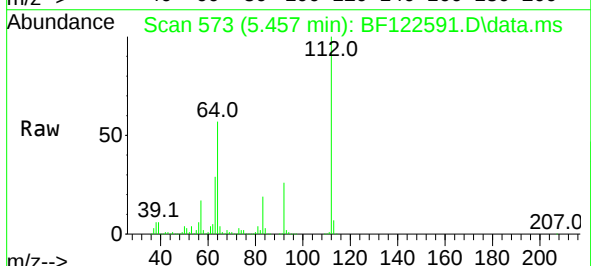
Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP



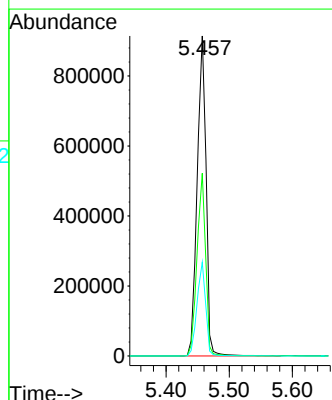
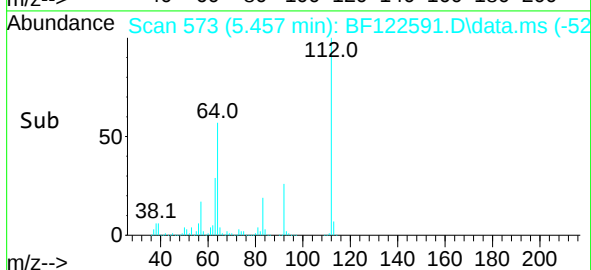
Tgt Ion:152 Resp: 159217
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 58.4 49.3 73.9



#5
2-Fluorophenol
Concen: 88.68 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41



Tgt Ion:112 Resp: 891806
Ion Ratio Lower Upper
112 100
64 57.1 46.9 70.3
63 29.3 24.5 36.7



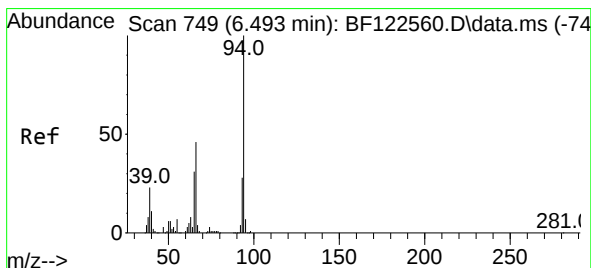
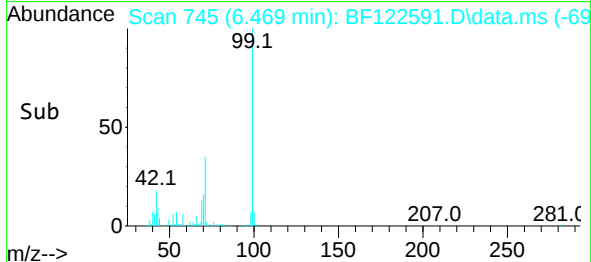
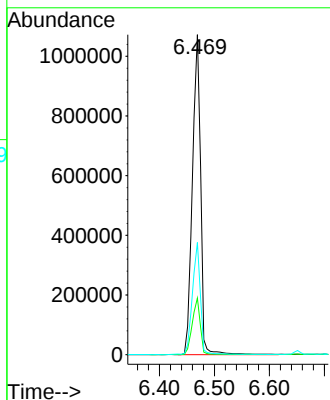
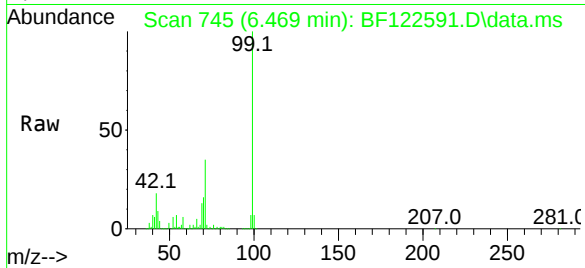


#7
Phenol-d6
Concen: 83.30 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

Tgt Ion: 99 Resp: 1111023

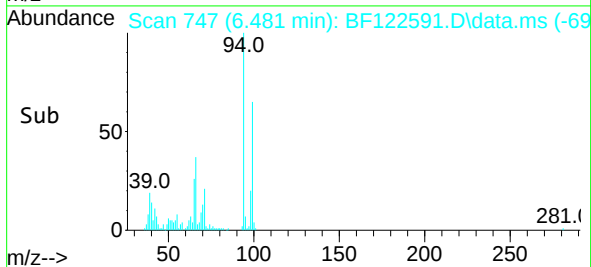
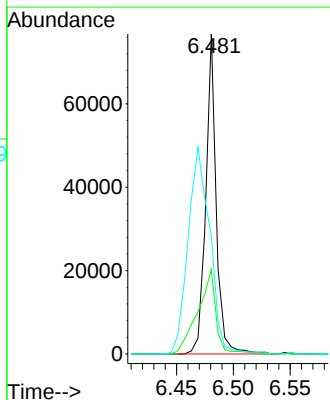
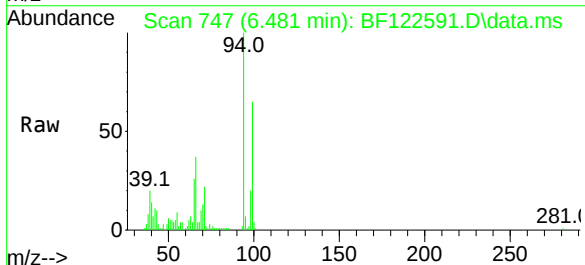
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.8	20.6
71	35.1	26.9	40.3

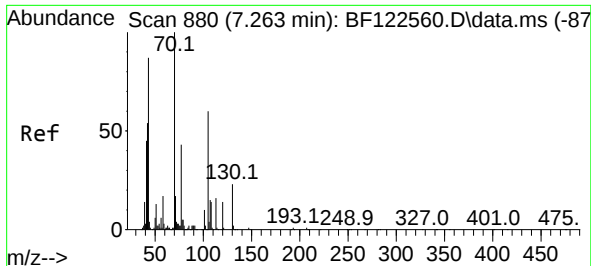


#10
Phenol
Concen: 3.56 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Tgt Ion: 94 Resp: 49152

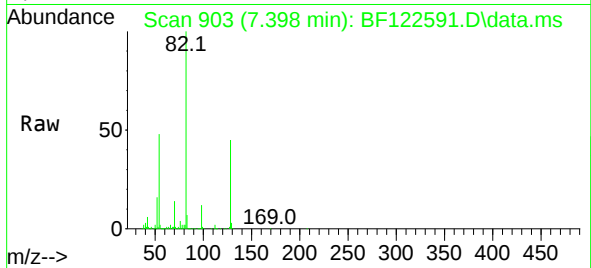
Ion	Ratio	Lower	Upper
94	100		
65	26.3	11.2	51.2
66	36.9	25.8	65.8



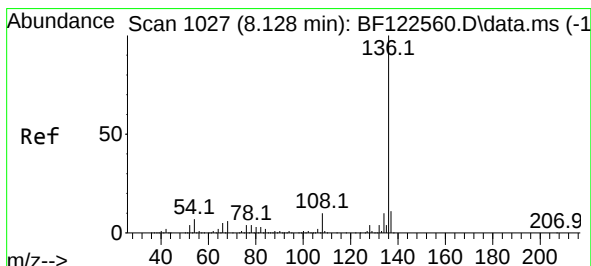
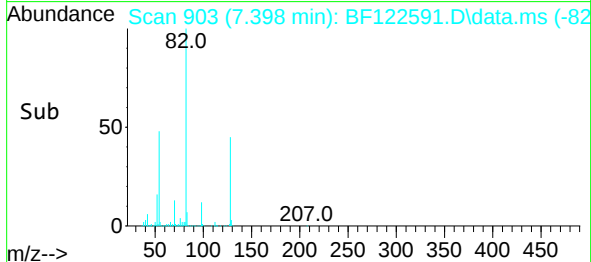
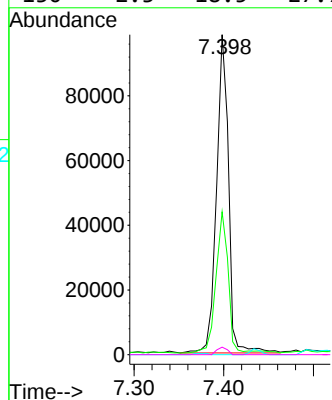


#19
n-Nitroso-di-n-propylamine
Concen: 12.02 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

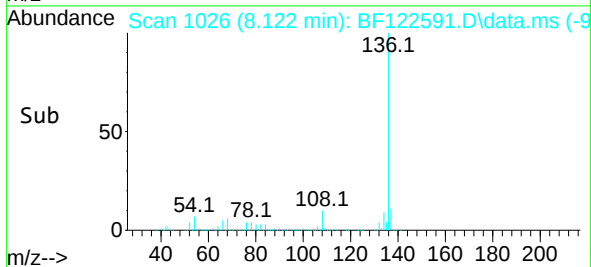
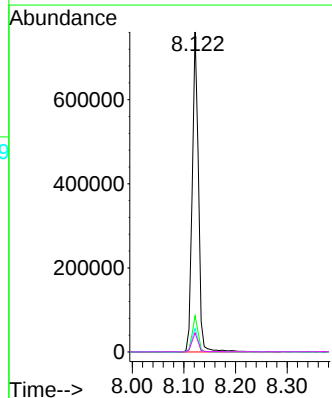
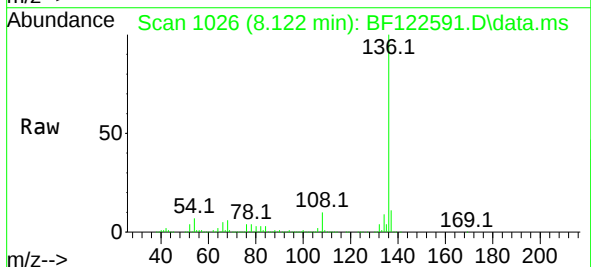


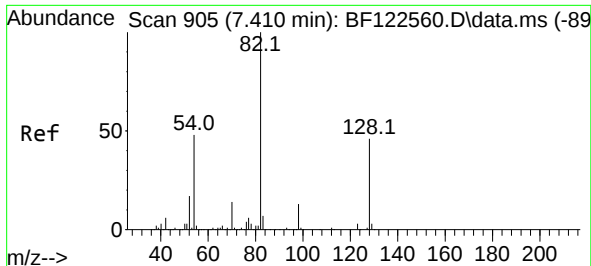
Tgt Ion: 70	Resp: 91809
Ion Ratio	Lower Upper
70 100	
42 44.6	43.0 64.4
101 0.0	7.9 11.9#
130 2.3	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Tgt Ion: 136	Resp: 635363
Ion Ratio	Lower Upper
136 100	
137 11.3	8.8 13.2
54 7.3	5.5 8.3
68 6.0	4.6 6.8





#23

Nitrobenzene-d5

Concen: 52.65 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF122591.D

Acq: 8 Dec 2020 16:41

Tgt Ion: 82 Resp: 667731

Ion Ratio Lower Upper

82 100

128 45.2 37.0 55.4

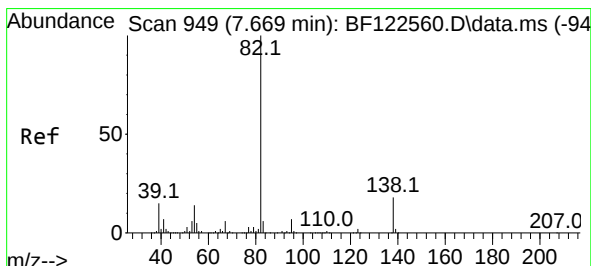
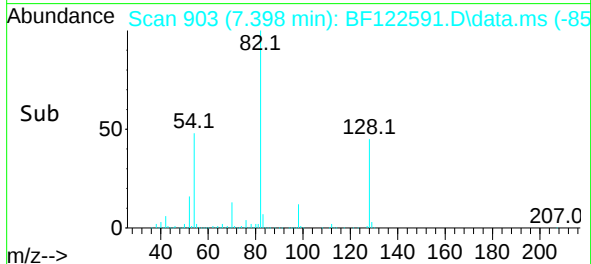
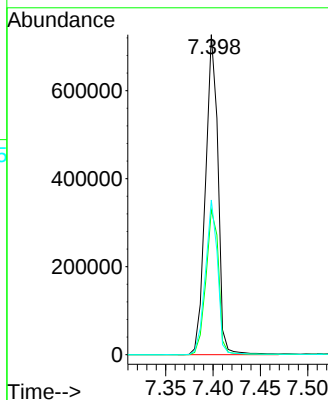
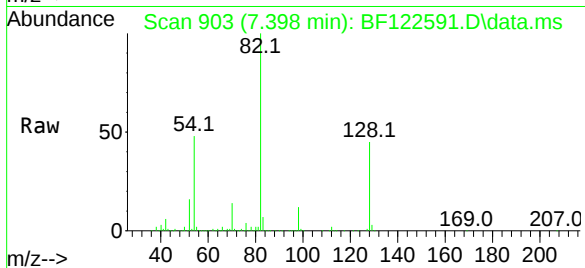
54 48.4 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

5S1-A-D-COMP



#25

Isophorone

Concen: 30.38 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.271 min

Lab File: BF122591.D

Acq: 8 Dec 2020 16:41

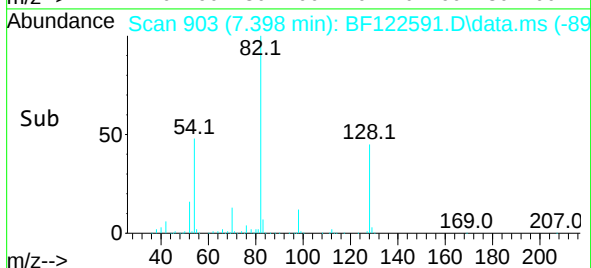
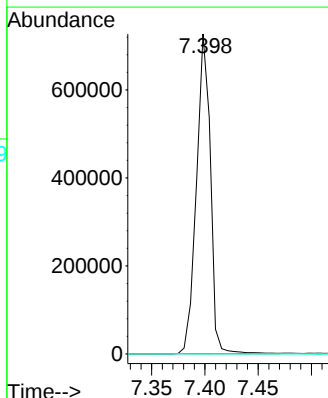
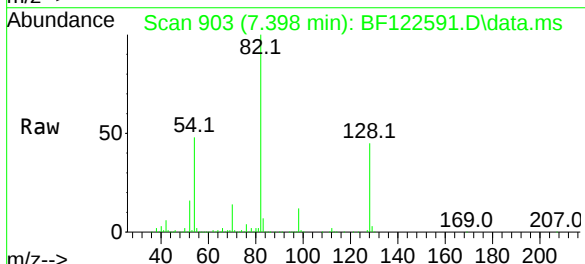
Tgt Ion: 82 Resp: 663650

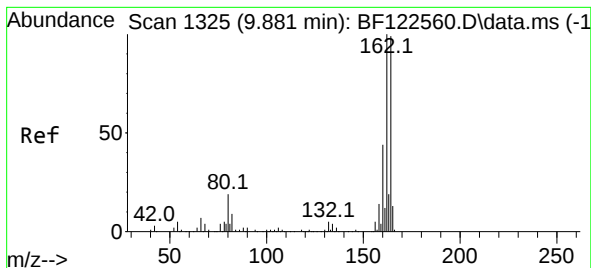
Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.6#

138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.001 min

Lab File: BF122591.D

Acq: 8 Dec 2020 16:41

Instrument :

BNA_F

ClientSampleId :

5S1-A-D-COMP

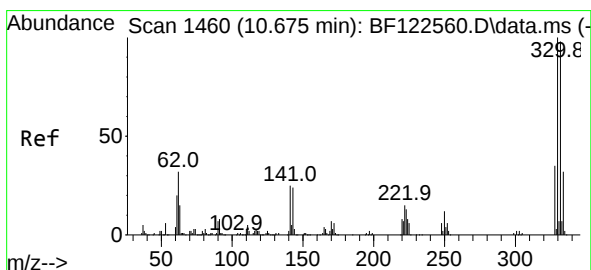
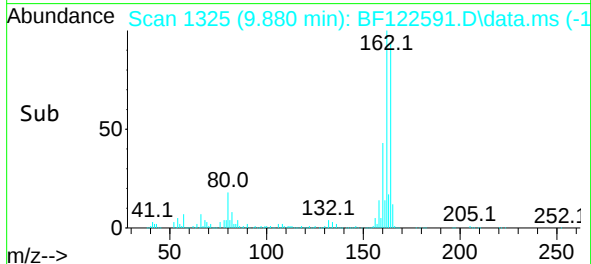
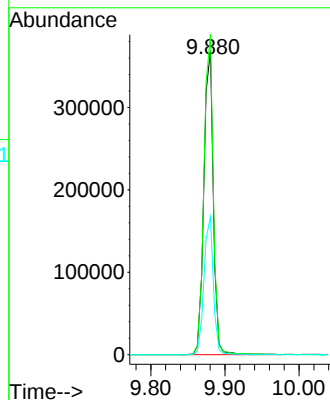
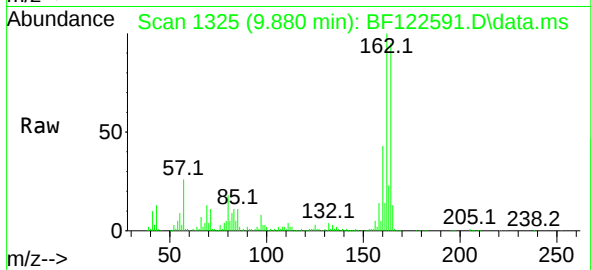
Tgt Ion:164 Resp: 328259

Ion Ratio Lower Upper

164 100

162 105.3 80.8 121.2

160 45.4 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 71.62 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF122591.D

Acq: 8 Dec 2020 16:41

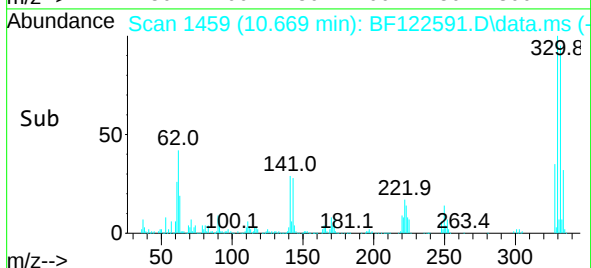
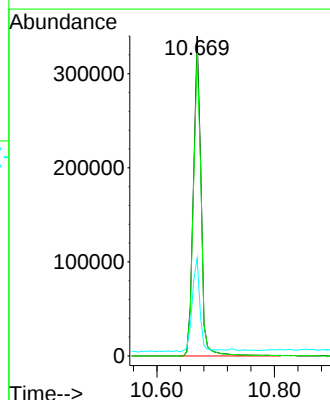
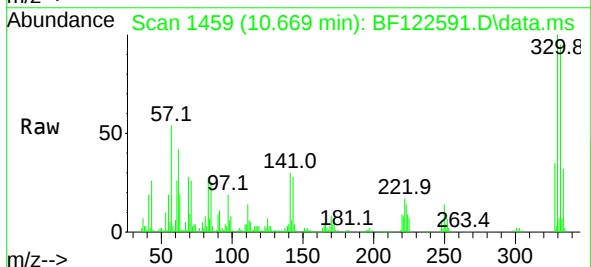
Tgt Ion:330 Resp: 307742

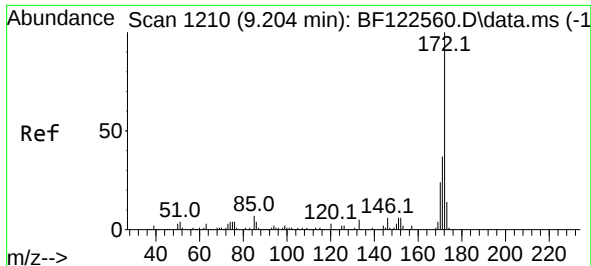
Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 30.3 23.8 35.8

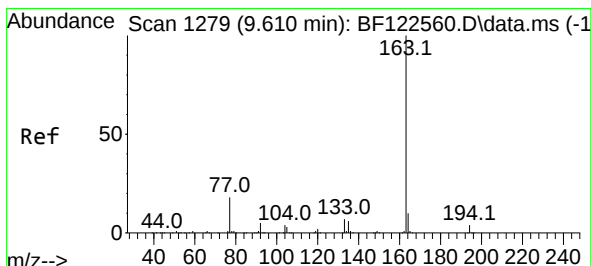
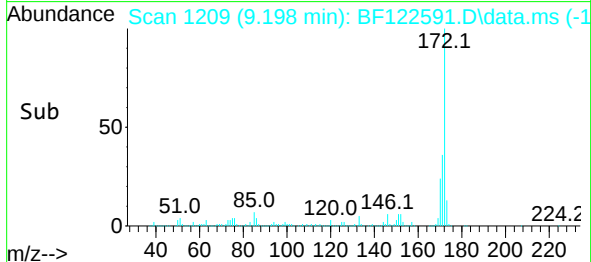
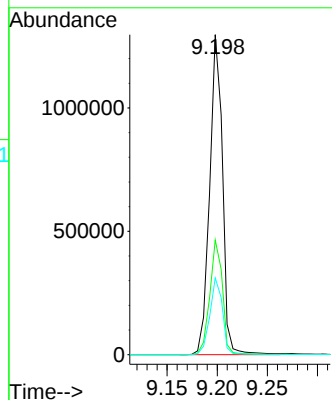
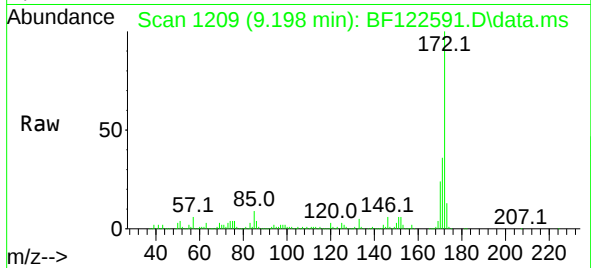




#45
2-Fluorobiphenyl
Concen: 47.86 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

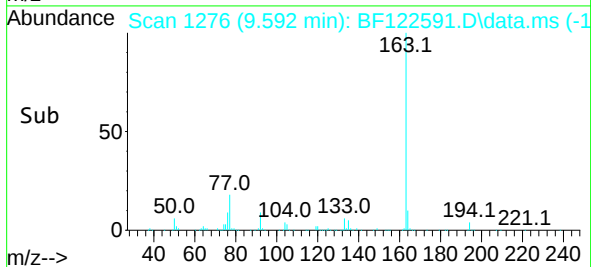
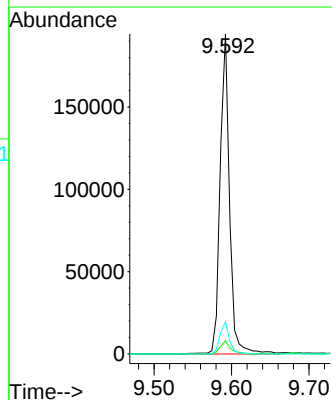
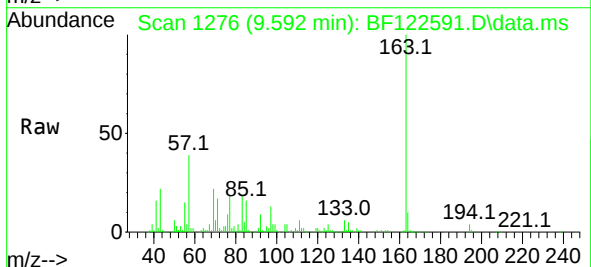
Instrument :
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5S1-A-D-COMP

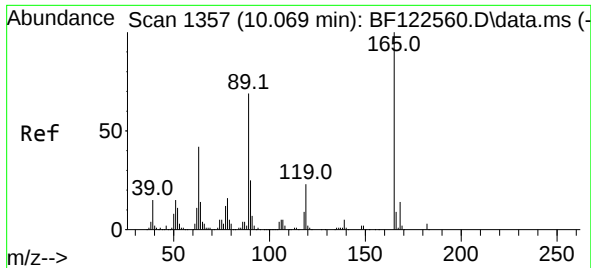
Tgt Ion:172 Resp: 1161543
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 6.26 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Tgt Ion:163 Resp: 164062
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.1 12.1

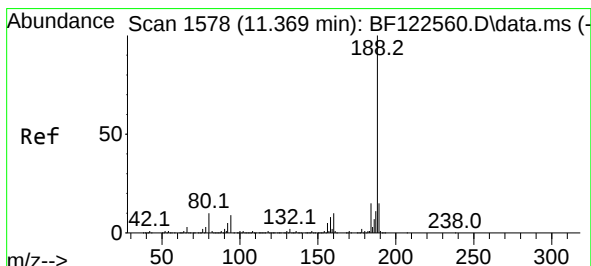
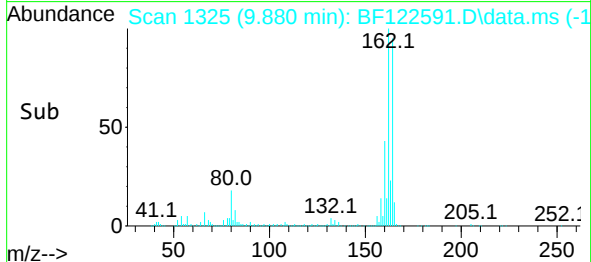
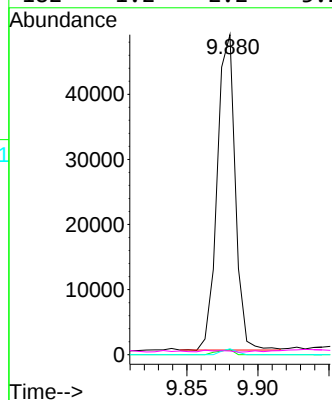
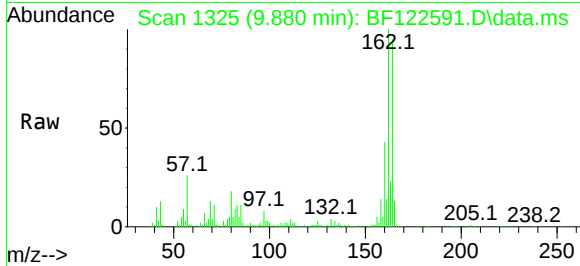




#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.188 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

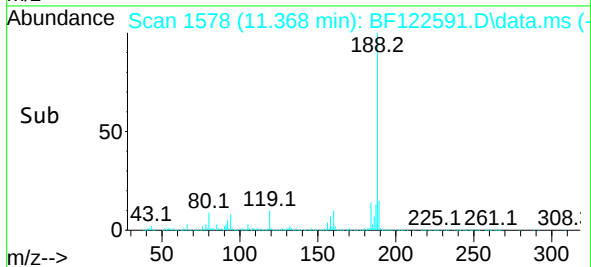
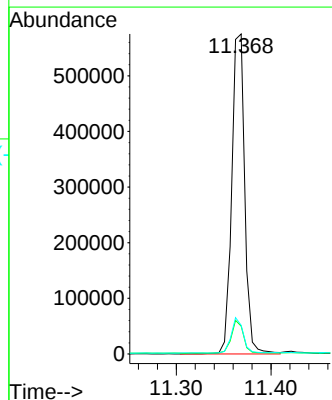
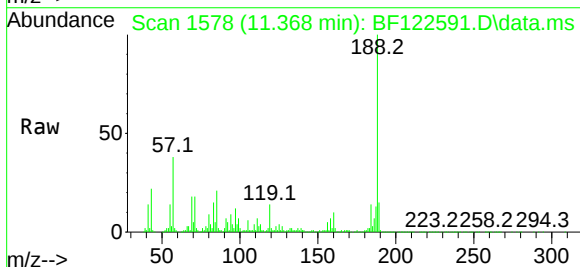
Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

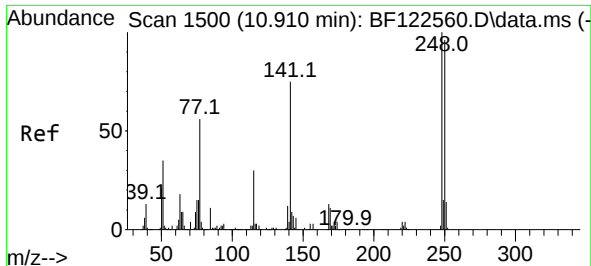
Tgt Ion:165 Resp: 42742
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.8 55.2 82.8#
182 1.2 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Tgt Ion:188 Resp: 549341
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 8.9 8.2 12.4

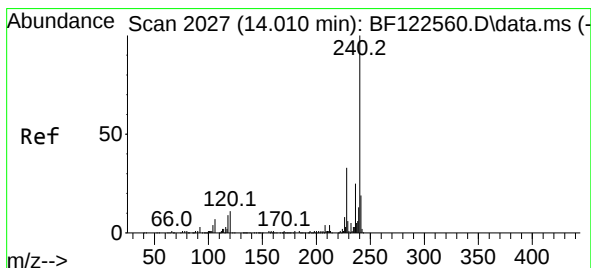
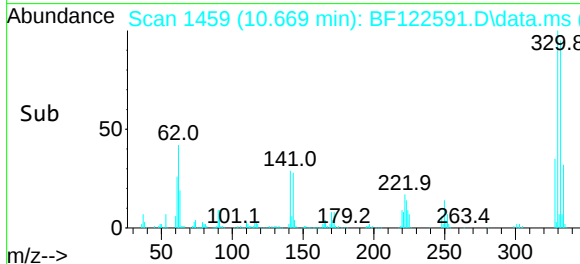
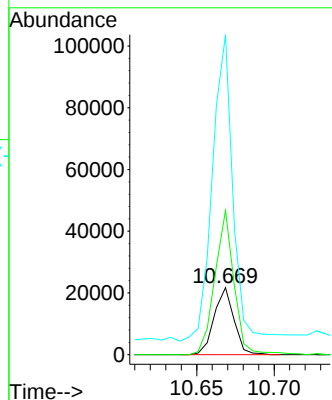
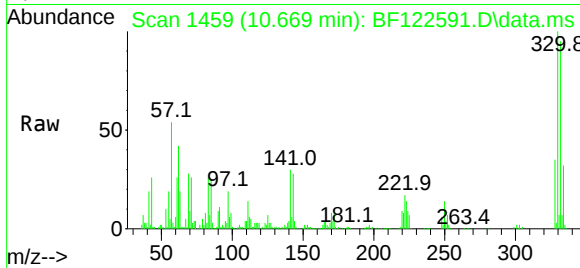




#67
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.241 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

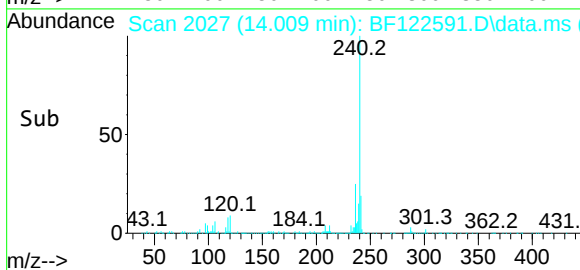
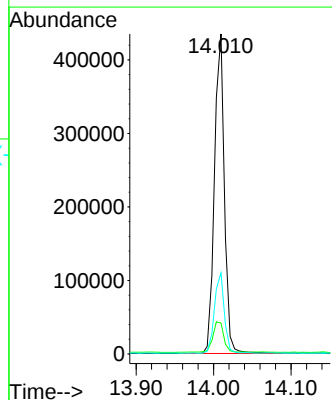
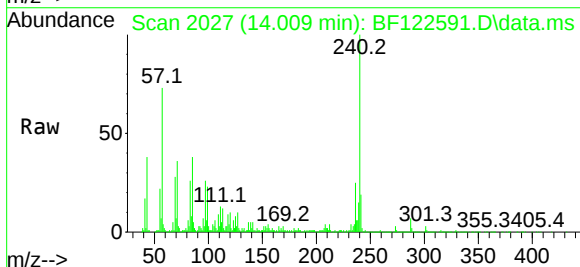
Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

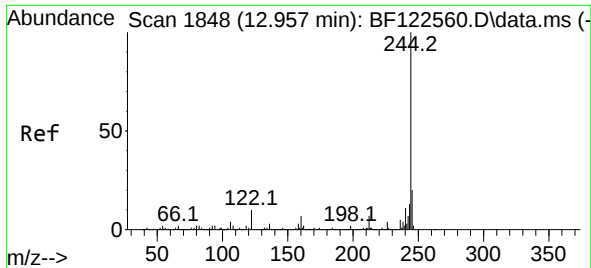
Tgt Ion:248 Resp: 19268
Ion Ratio Lower Upper
248 100
250 215.1 76.8 115.2#
141 477.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Tgt Ion:240 Resp: 388526
Ion Ratio Lower Upper
240 100
120 9.7 8.6 12.8
236 25.3 20.3 30.5

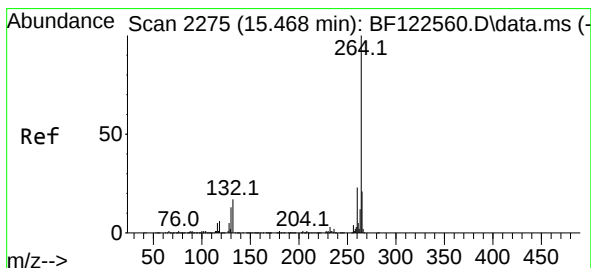
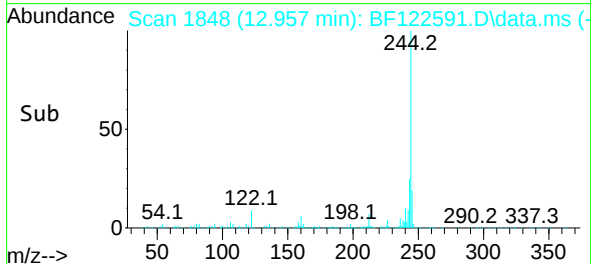
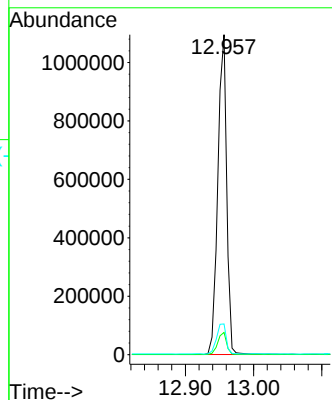
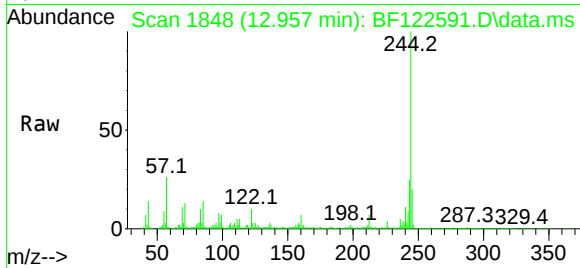




#79
Terphenyl-d14
Concen: 44.65 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Instrument :
BNA_F
ClientSampleId :
5S1-A-D-COMP

Tgt Ion:244	Resp:	991069
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.7 8.5
122	9.6	8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF122591.D
Acq: 8 Dec 2020 16:41

Tgt Ion:264	Resp:	394727
Ion Ratio	Lower	Upper
264	100	
260	23.0	18.6 28.0
265	20.9	17.0 25.6

