

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120820\
 Data File : BF122599.D
 Acq On : 8 Dec 2020 20:52
 Operator : JU/CG
 Sample : L4970-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4S2-A-D-COMP

Quant Time: Dec 09 01:12:39 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)

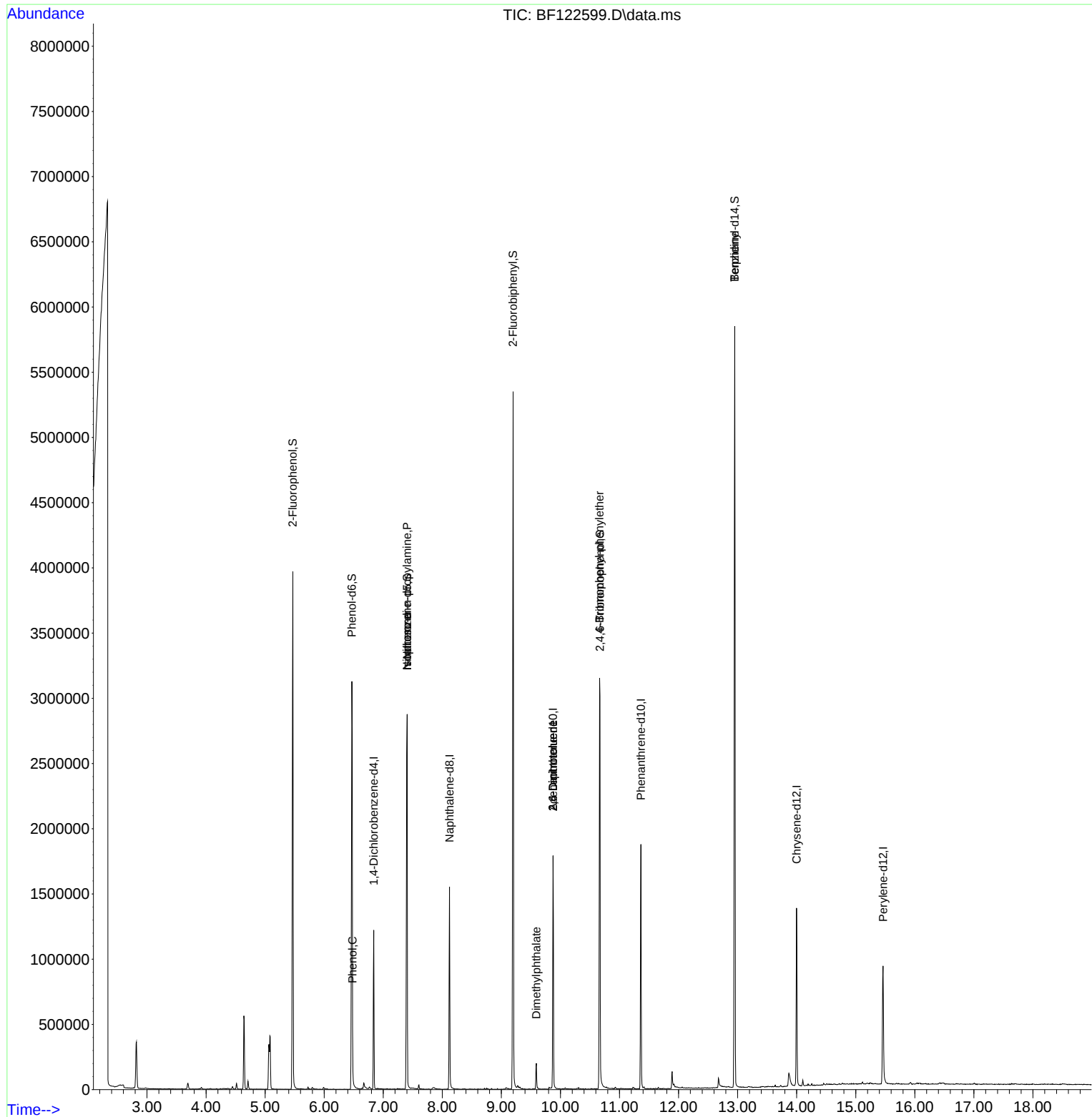
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	167575	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	669216	20.00	ng	0.00
39) Acenaphthene-d10	9.875	164	360064	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	662109	20.00	ng	0.00
76) Chrysene-d12	13.998	240	490948	20.00	ng	-0.01
86) Perylene-d12	15.462	264	464562	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1122543	106.05	ng	0.01
7) Phenol-d6	6.469	99	1275544	90.86	ng	-0.01
23) Nitrobenzene-d5	7.404	82	991800	74.25	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	480926	102.04	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1731256	65.03	ng	0.00
79) Terphenyl-d14	12.951	244	2001019	71.34	ng	0.00
Target Compounds						
10) Phenol	6.481	94	29358	2.02	ng	Qvalue 98
19) n-Nitroso-di-n-propyla...	7.404	70	133065	16.55	ng	# 76
25) Isophorone	7.404	82	984682	42.80	ng	# 65
50) Dimethylphthalate	9.592	163	90935	3.16	ng	100
51) 2,6-Dinitrotoluene	9.875	165	46078	7.59	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	46078	5.70	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	29891	3.33	ng	# 1
77) Benzidine	12.951	184	26094	2.46	ng	95

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

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Instrument :
BNA_F
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4S2-A-D-COMP

Quant Time: Dec 09 01:12:39 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

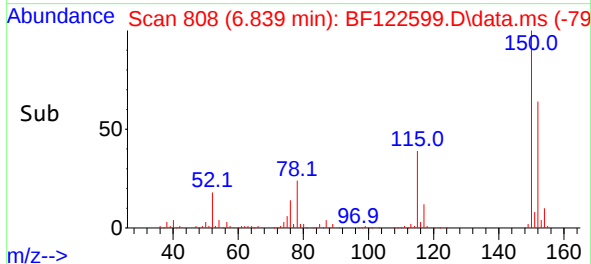
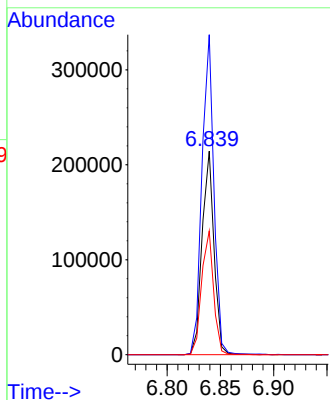
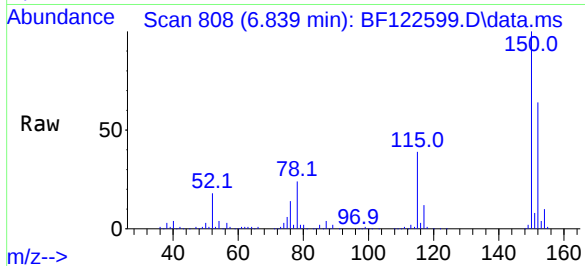




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

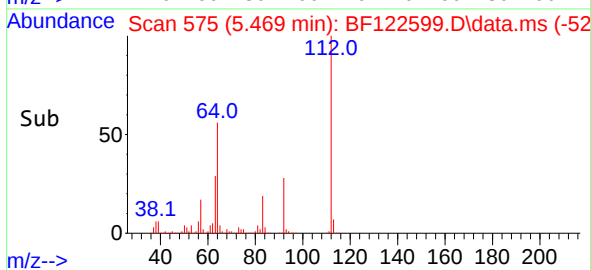
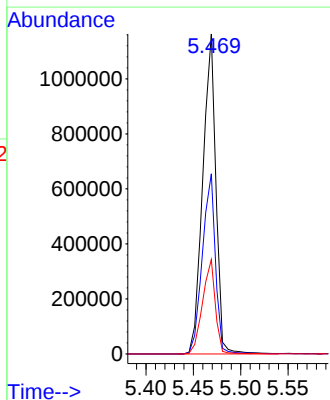
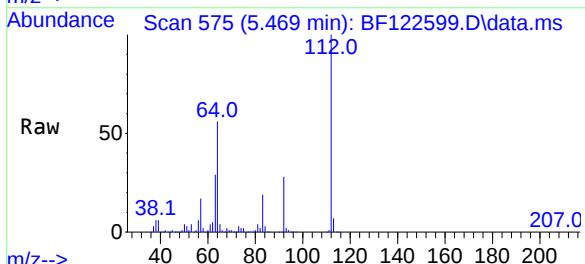
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

Tgt Ion:152 Resp: 167575
Ion Ratio Lower Upper
152 100
150 157.2 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 106.05 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion:112 Resp: 1122543
Ion Ratio Lower Upper
112 100
64 56.3 46.9 70.3
63 29.5 24.5 36.7



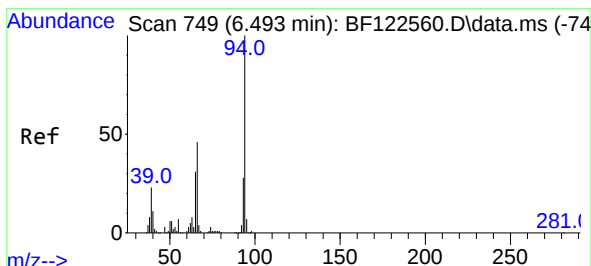
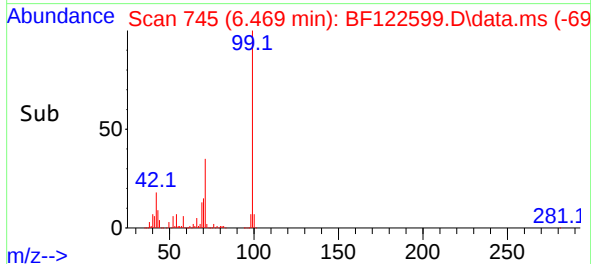
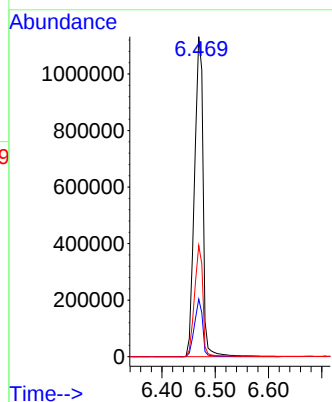
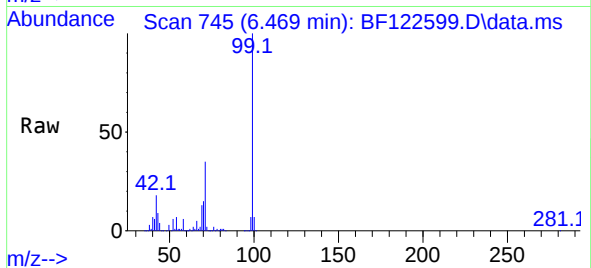


#7
Phenol-d6
Concen: 90.86 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

Tgt Ion: 99 Resp: 1275544

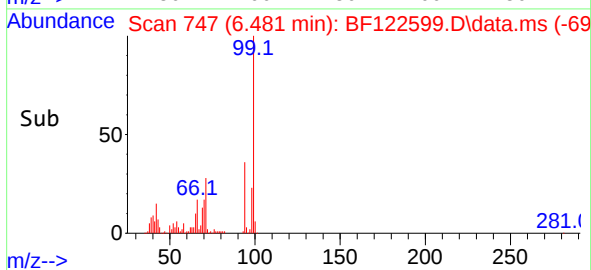
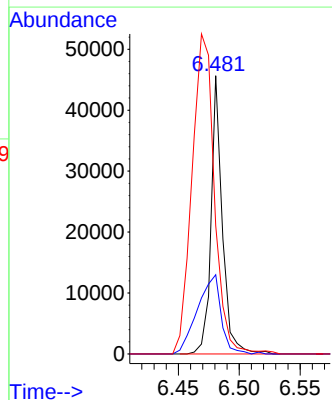
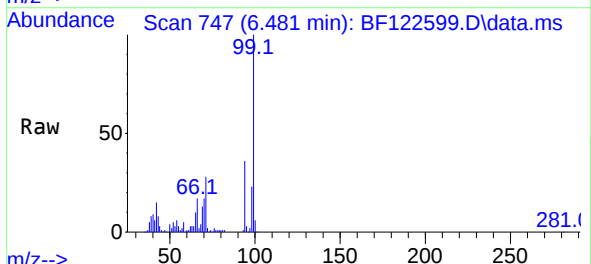
Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.8	20.6
71	34.7	26.9	40.3

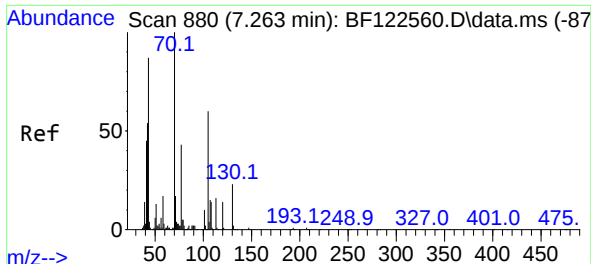


#10
Phenol
Concen: 2.02 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion: 94 Resp: 29358

Ion	Ratio	Lower	Upper
94	100		
65	28.5	11.2	51.2
66	46.2	25.8	65.8

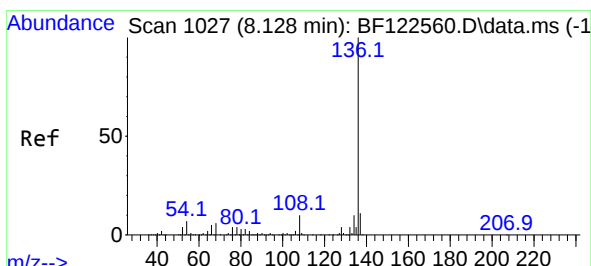
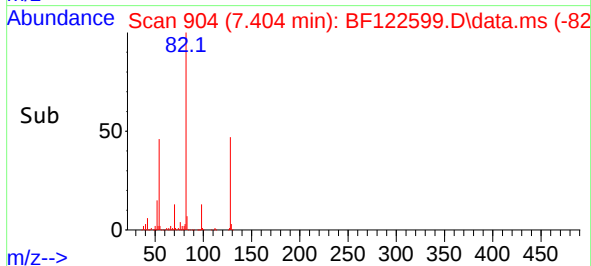
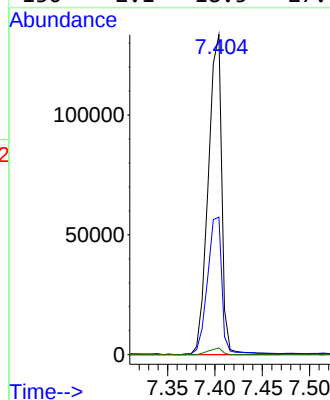
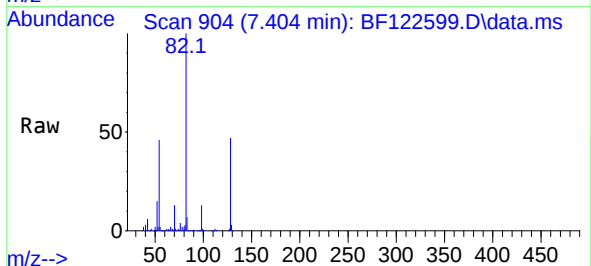




#19
n-Nitroso-di-n-propylamine
Concen: 16.55 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

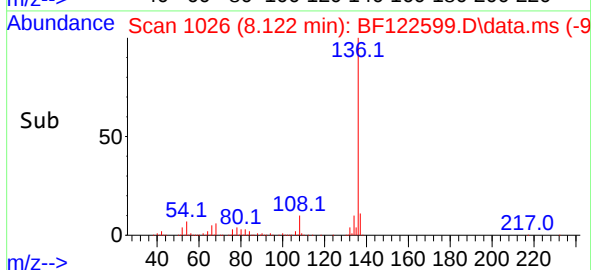
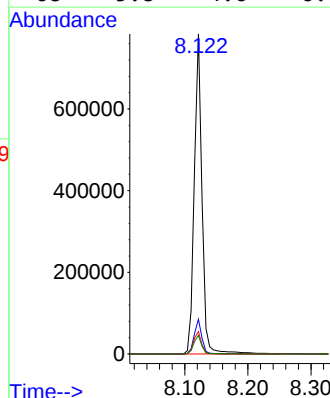
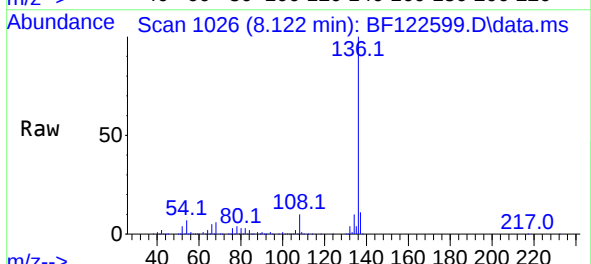
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

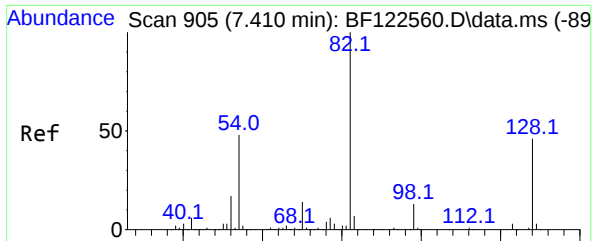
Tgt Ion: 70 Resp: 133065
Ion Ratio Lower Upper
70 100
42 43.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion: 136 Resp: 669216
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.9 5.5 8.3
68 5.8 4.6 6.8

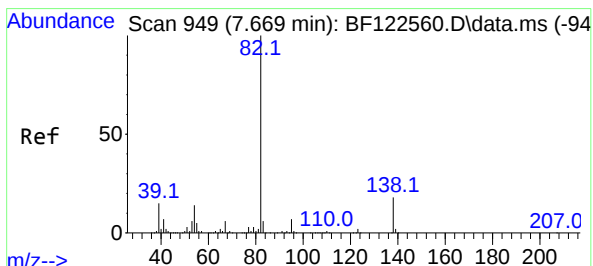
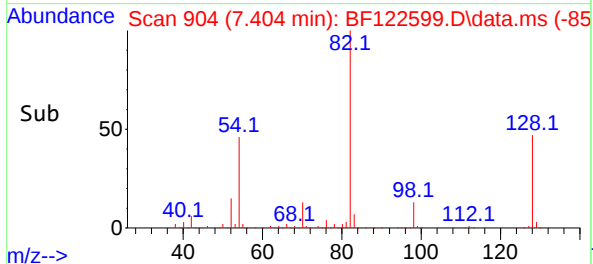
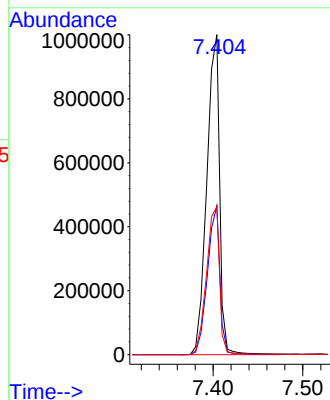
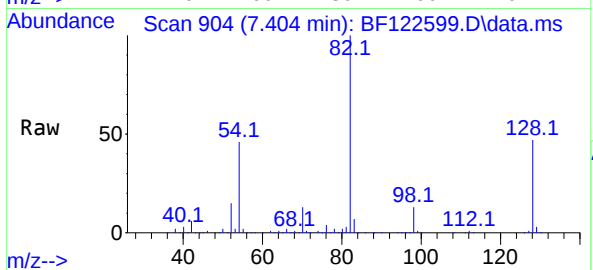




#23
Nitrobenzene-d5
Concen: 74.25 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

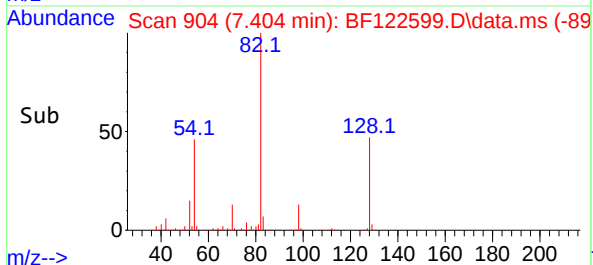
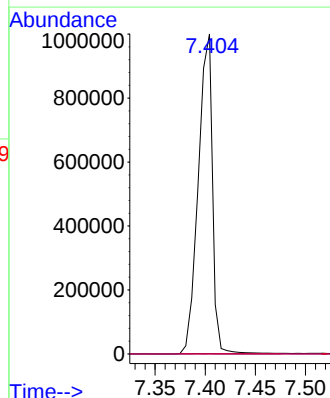
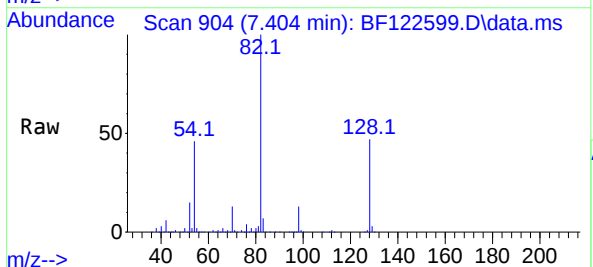
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

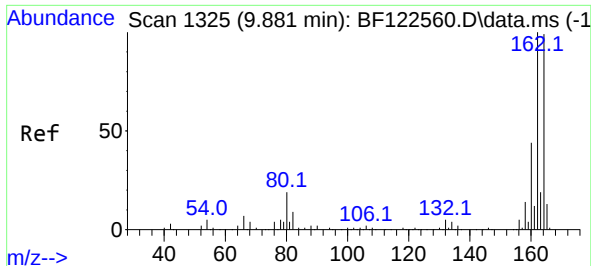
Tgt Ion: 82 Resp: 991800
Ion Ratio Lower Upper
82 100
128 46.5 37.0 55.4
54 46.3 38.4 57.6



#25
Isophorone
Concen: 42.80 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion: 82 Resp: 984682
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: BF122599.D

Acq: 8 Dec 2020 20:52

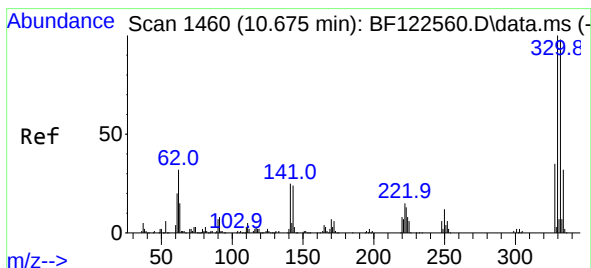
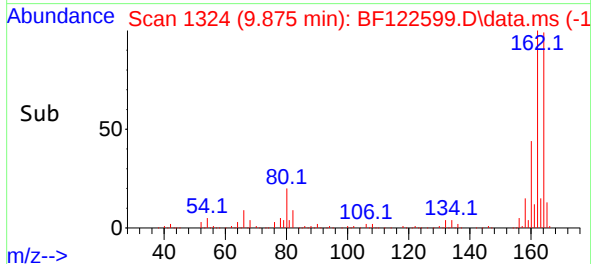
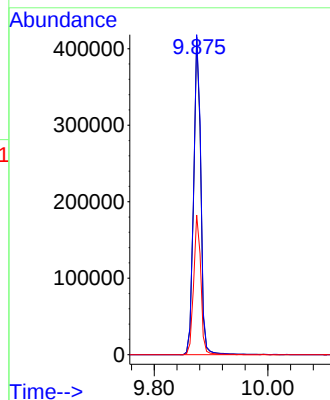
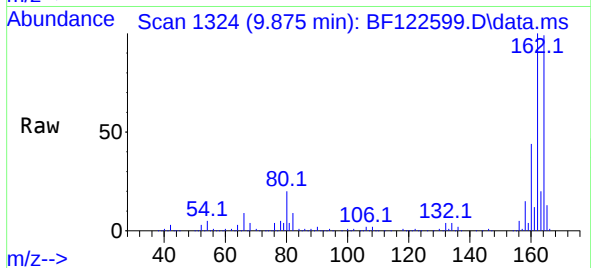
Tgt Ion:164 Resp: 360064

Ion Ratio Lower Upper

164 100

162 100.8 80.8 121.2

160 44.0 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 102.04 ng

RT: 10.669 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF122599.D

Acq: 8 Dec 2020 20:52

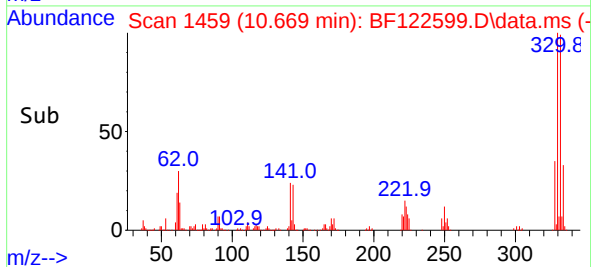
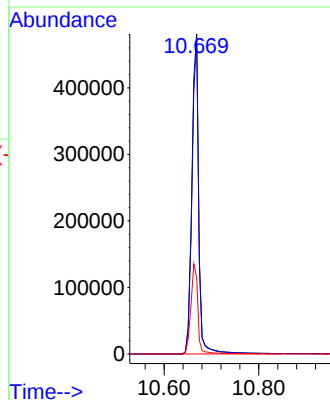
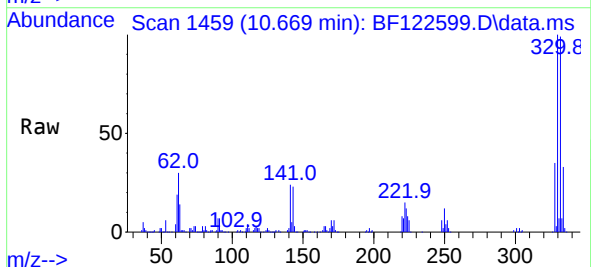
Tgt Ion:330 Resp: 480926

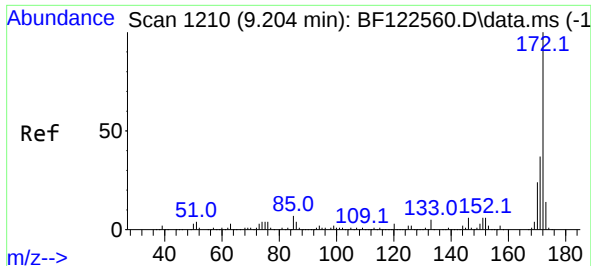
Ion Ratio Lower Upper

330 100

332 97.4 77.5 116.3

141 28.8 23.8 35.8

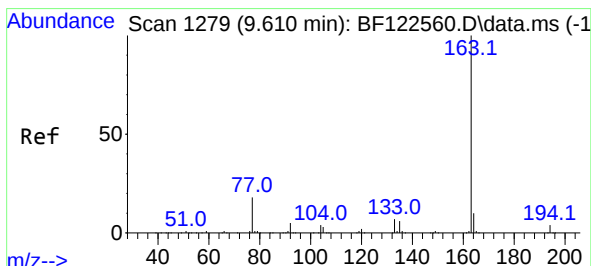
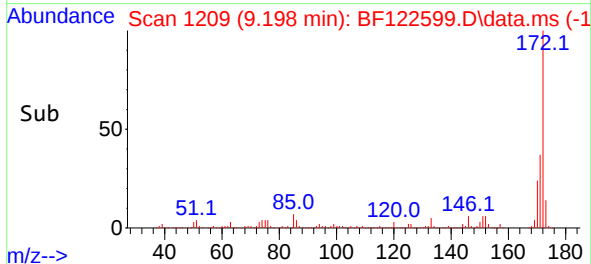
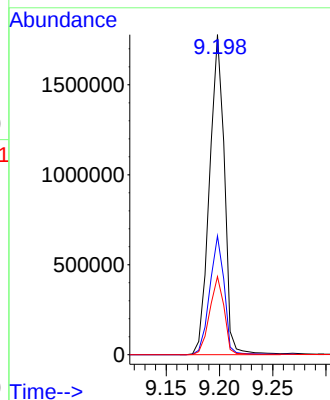
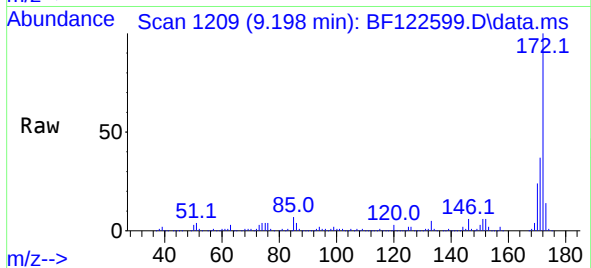




#45
2-Fluorobiphenyl
Concen: 65.03 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

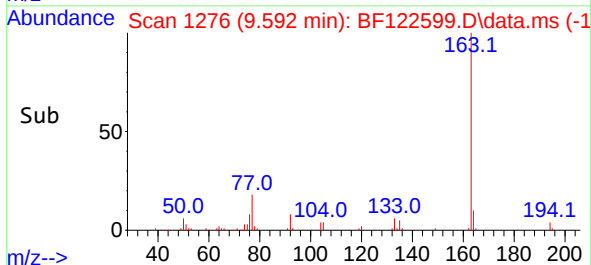
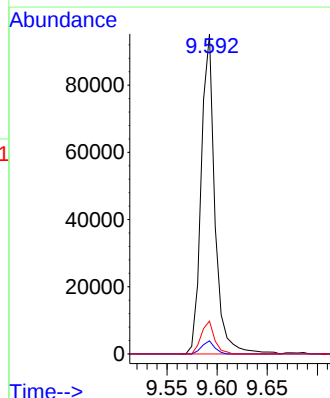
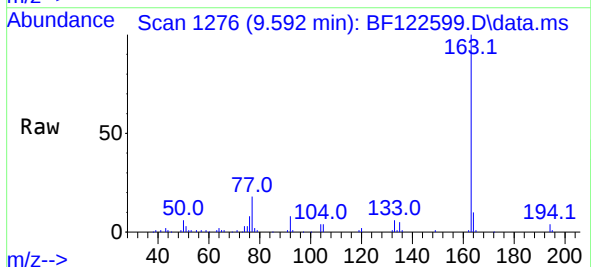
Instrument :
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4S2-A-D-COMP

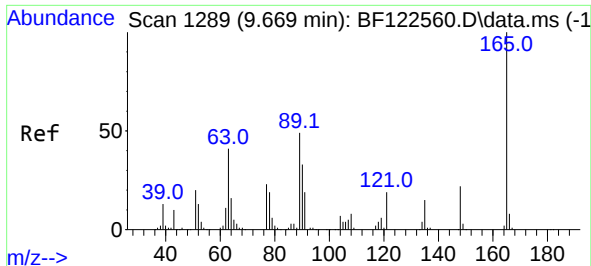
Tgt Ion:172 Resp: 1731256
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.4 19.5 29.3



#50
Dimethylphthalate
Concen: 3.16 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion:163 Resp: 90935
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.1 12.1

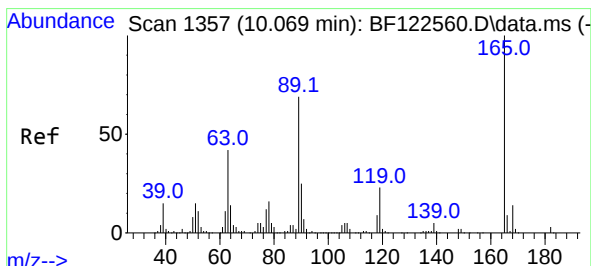
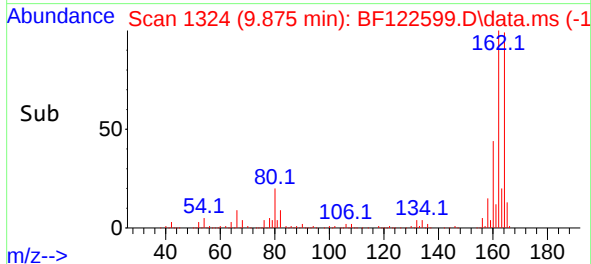
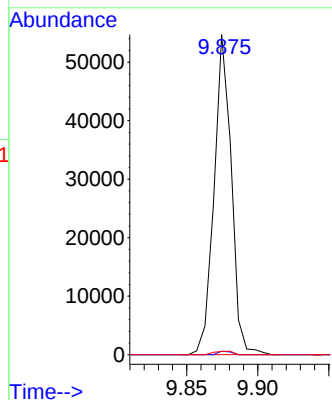
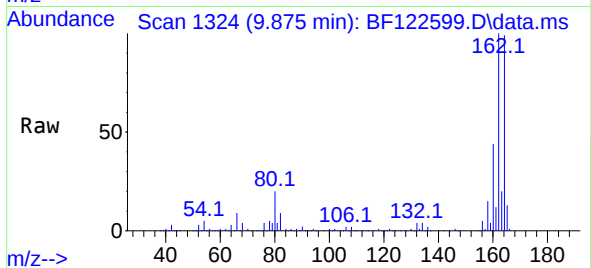




#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

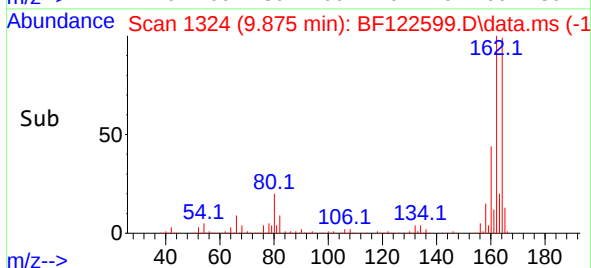
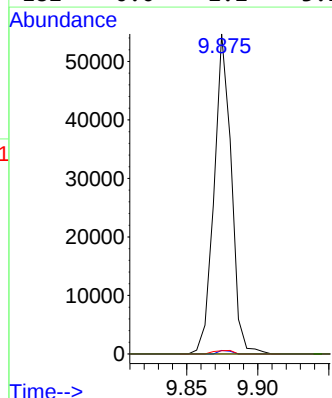
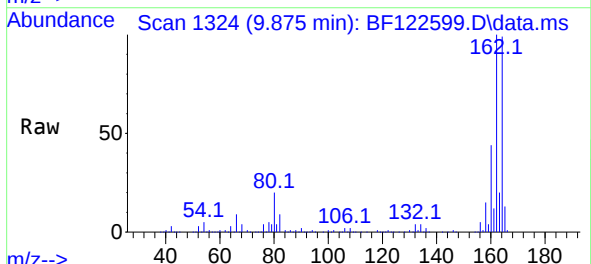
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

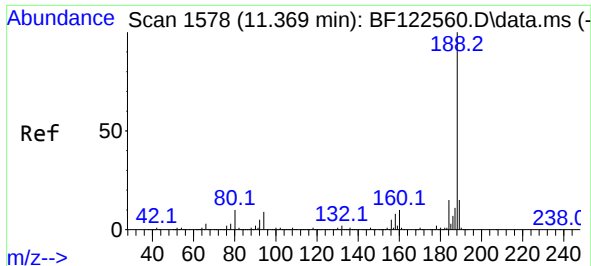
Tgt Ion:165 Resp: 46078
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.70 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion:165 Resp: 46078
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#

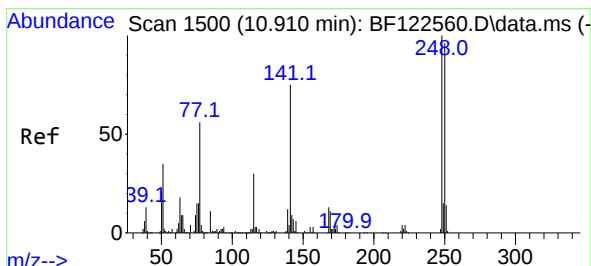
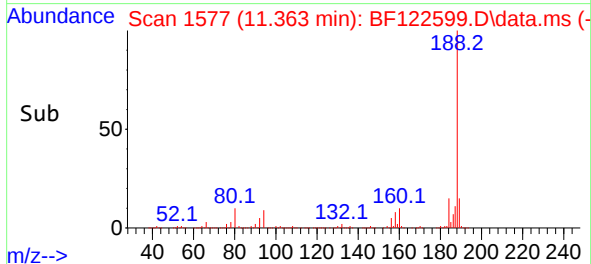
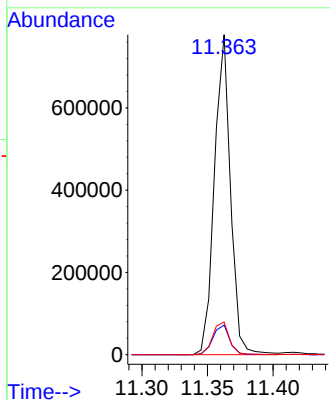
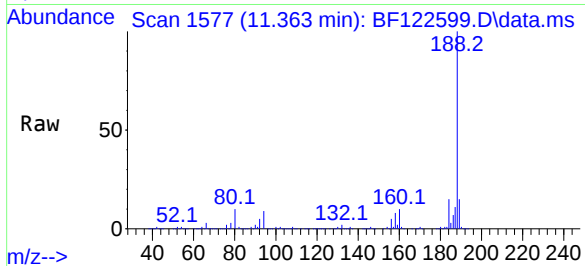




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

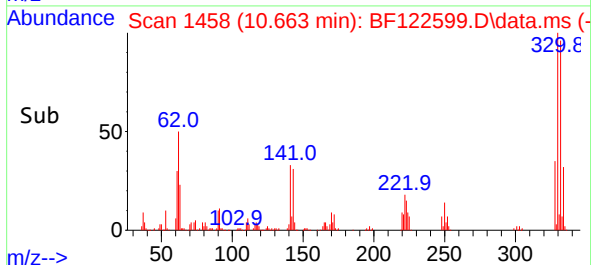
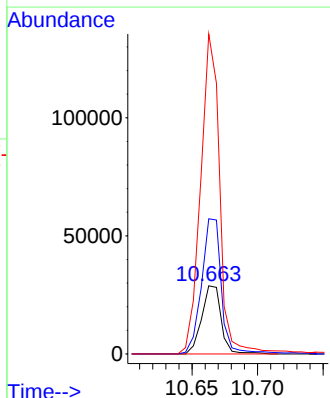
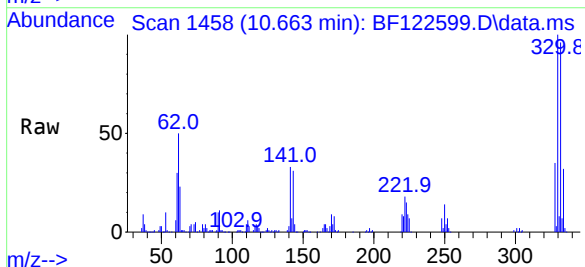
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

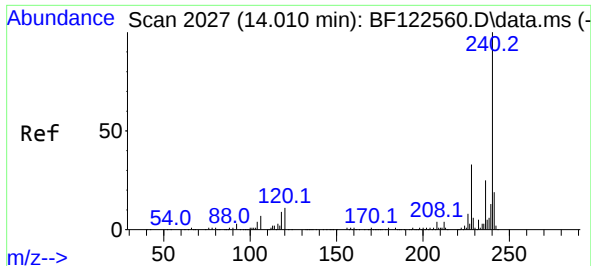
Tgt Ion:188 Resp: 662109
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion:248 Resp: 29891
Ion Ratio Lower Upper
248 100
250 198.5 76.8 115.2#
141 469.8 59.8 89.8#

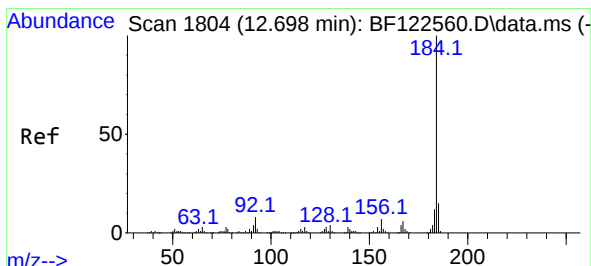
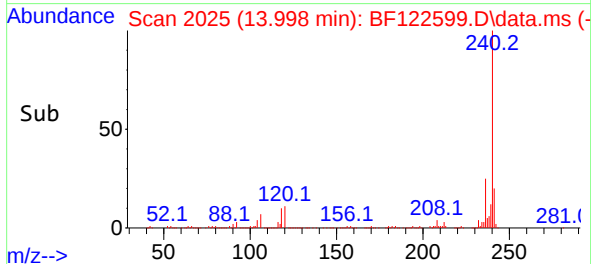
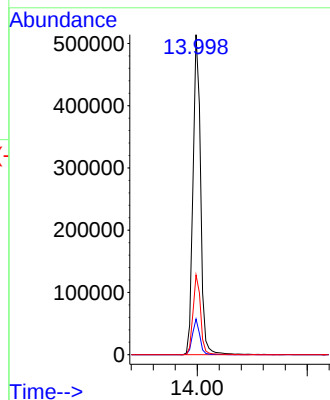
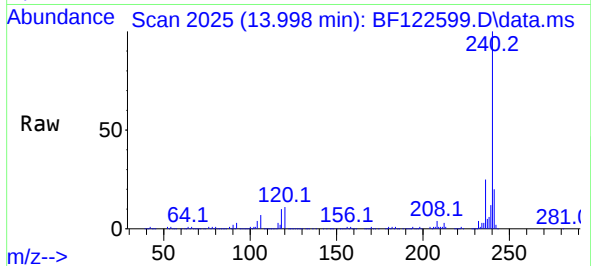




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

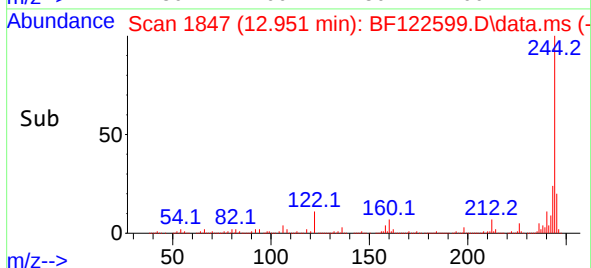
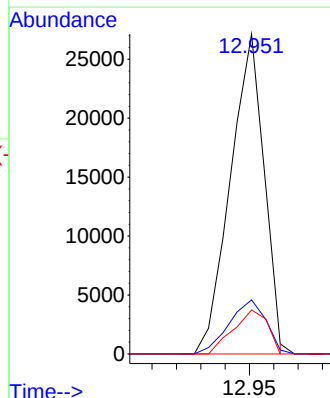
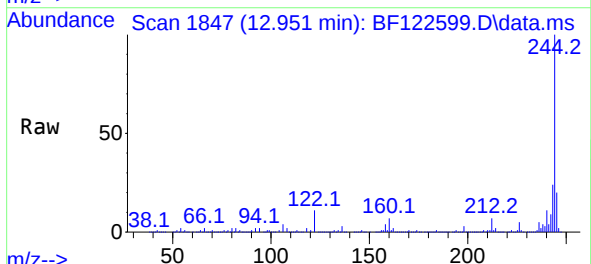
Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP

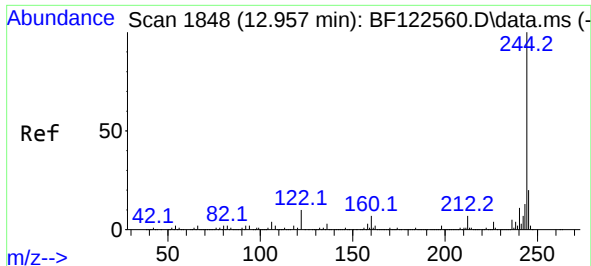
Tgt Ion:240 Resp: 490948
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 24.9 20.3 30.5



#77
Benzidine
Concen: 2.46 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

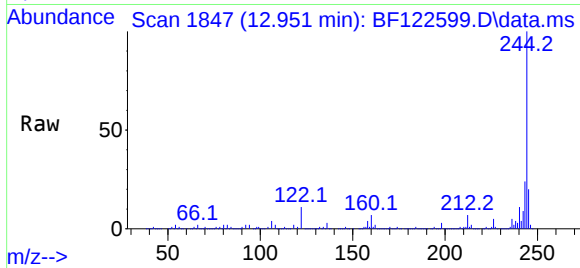
Tgt Ion:184 Resp: 26094
Ion Ratio Lower Upper
184 100
185 16.9 11.8 17.6
183 13.8 9.7 14.5



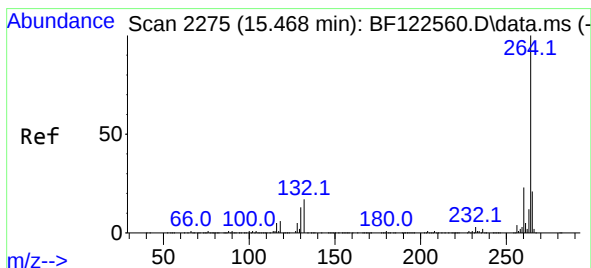
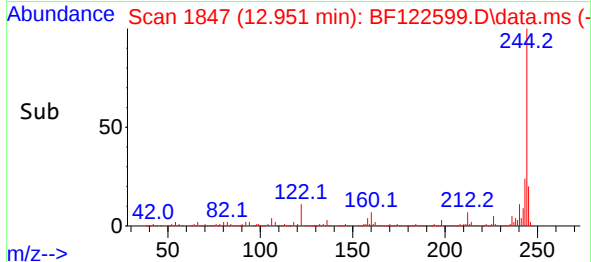
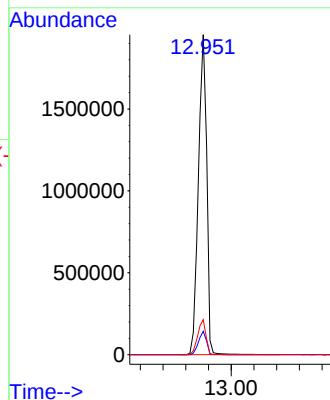


#79
Terphenyl-d14
Concen: 71.34 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Instrument :
BNA_F
ClientSampleId :
4S2-A-D-COMP



Tgt Ion:244 Resp: 2001019
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.9 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF122599.D
Acq: 8 Dec 2020 20:52

Tgt Ion:264 Resp: 464562
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 20.9 17.0 25.6

