

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122907.D
 Acq On : 31 Dec 2020 20:54
 Operator : JU/CG
 Sample : L5241-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-BUS-WASH

Quant Time: Dec 31 23:43:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

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

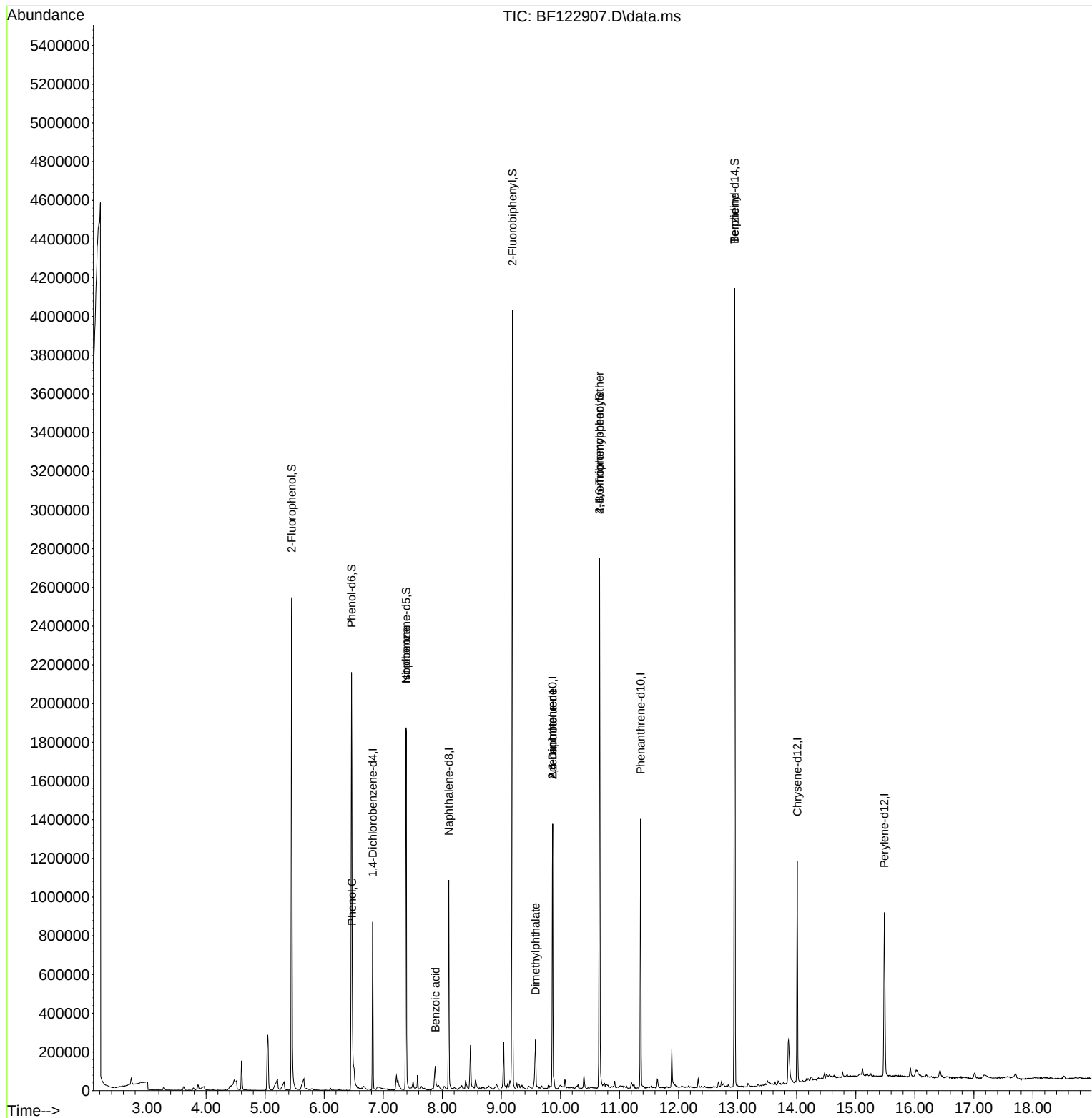
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	126972	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	497251	20.00	ng	0.00
39) Acenaphthene-d10	9.869	164	269210	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	492452	20.00	ng	0.00
76) Chrysene-d12	14.009	240	378388	20.00	ng	0.00
86) Perylene-d12	15.486	264	374139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	803610	100.20	ng	0.01
7) Phenol-d6	6.463	99	910553	85.60	ng	0.00
23) Nitrobenzene-d5	7.386	82	703204	70.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	394414	111.93	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1323165	66.48	ng	0.00
79) Terphenyl-d14	12.951	244	1454824	67.30	ng	0.00
Target Compounds						
10) Phenol	6.475	94	51330	4.66	ng	Qvalue 96
25) Isophorone	7.386	82	688274	40.26	ng	# 65
32) Benzoic acid	7.886	122	13509	2.40	ng	95
50) Dimethylphthalate	9.580	163	83710	3.89	ng	98
51) 2,6-Dinitrotoluene	9.869	165	35357	7.79	ng	# 31
57) 2,4-Dinitrotoluene	9.869	165	35357	5.85	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	24524	3.68	ng	# 1
77) Benzidine	12.951	184	18852	2.30	ng	# 92

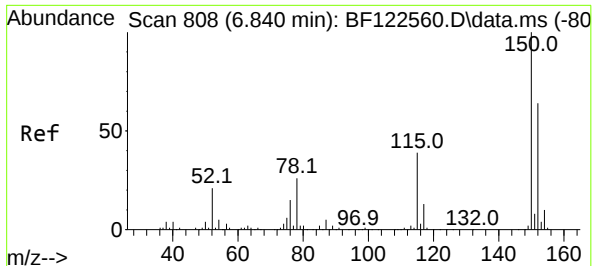
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 31 23:43:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

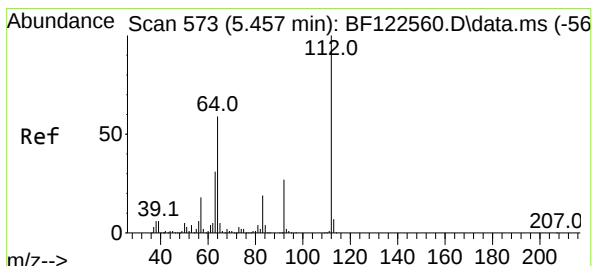
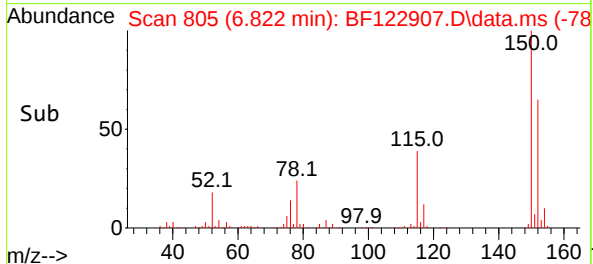
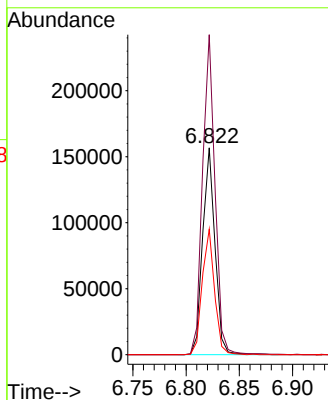
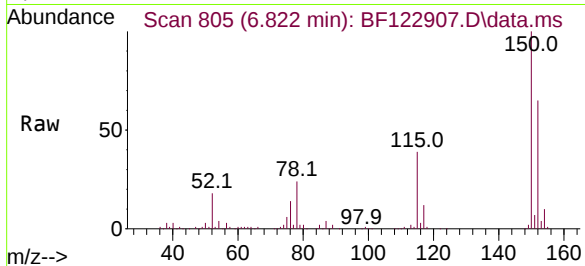




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

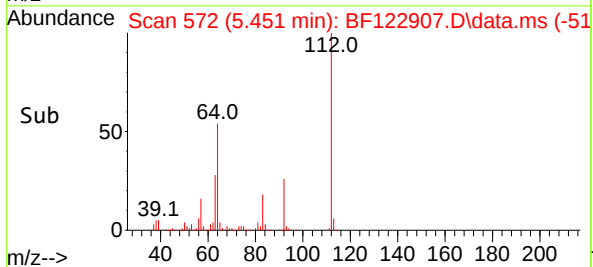
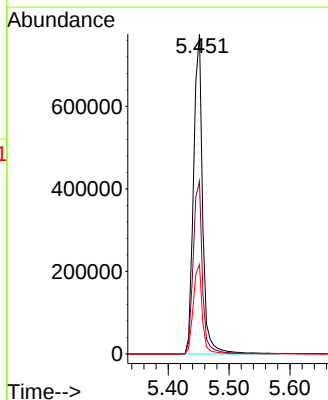
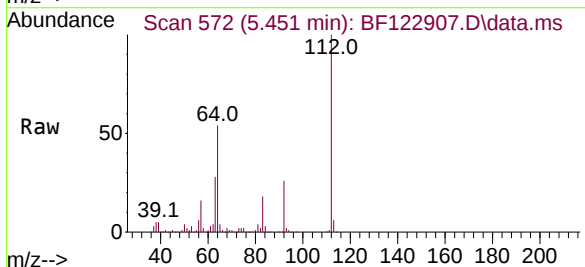
Instrument :
BNA_F
ClientSampleId :
JG-BUS-WASH

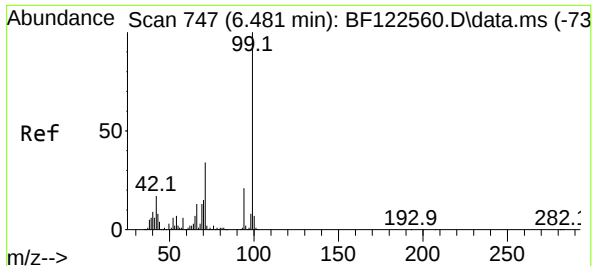
Tgt Ion:152 Resp: 126972
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 60.6 49.3 73.9



#5
2-Fluorophenol
Concen: 100.20 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion:112 Resp: 803610
Ion Ratio Lower Upper
112 100
64 53.9 46.9 70.3
63 27.9 24.5 36.7

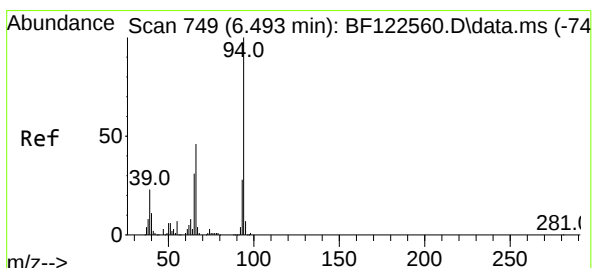
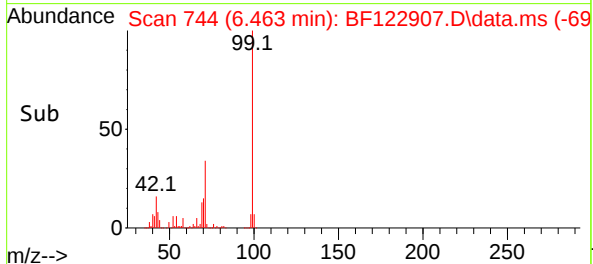
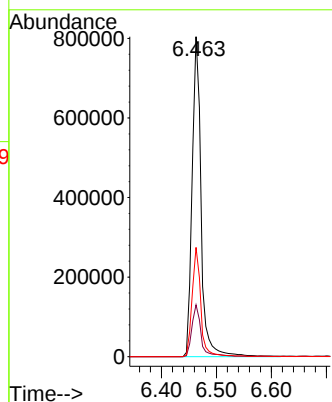
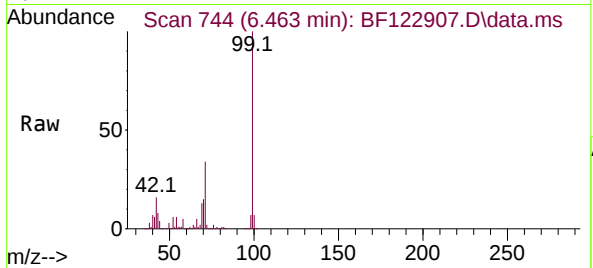




#7
Phenol-d6
Concen: 85.60 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

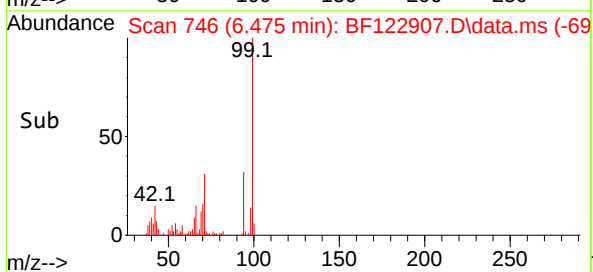
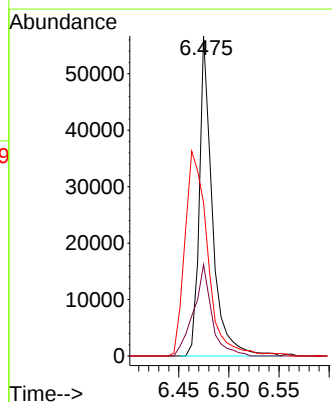
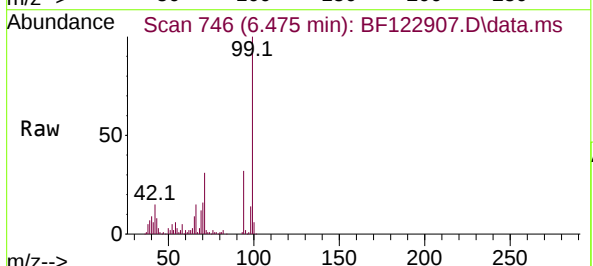
Instrument :
BNA_F
ClientSampleId :
JG-BUS-WASH

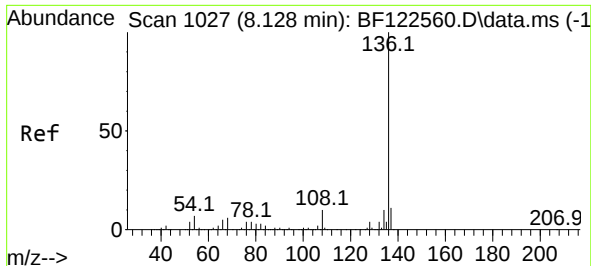
Tgt Ion: 99 Resp: 910553
Ion Ratio Lower Upper
99 100
42 16.2 13.8 20.6
71 34.1 26.9 40.3



#10
Phenol
Concen: 4.66 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion: 94 Resp: 51330
Ion Ratio Lower Upper
94 100
65 28.5 11.2 51.2
66 47.9 25.8 65.8



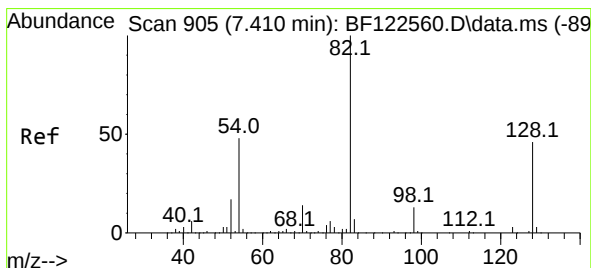
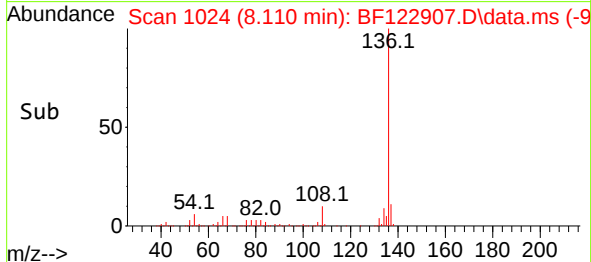
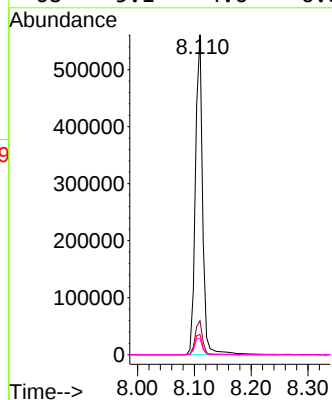
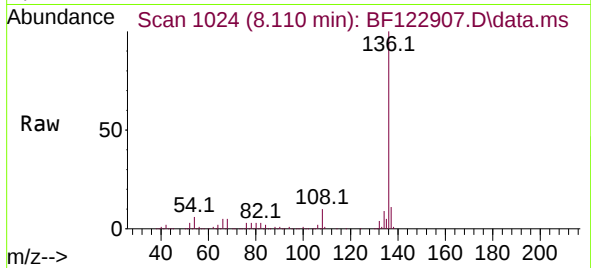


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Instrument :
BNA_F
ClientSampleId :
JG-BUS-WASH

Tgt Ion:136 Resp: 497251

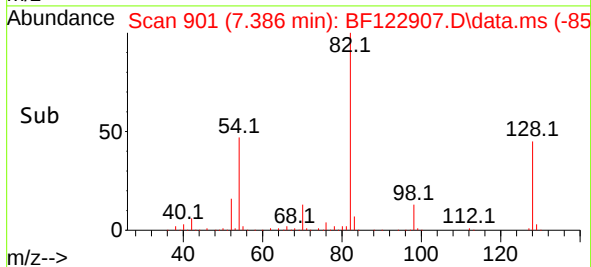
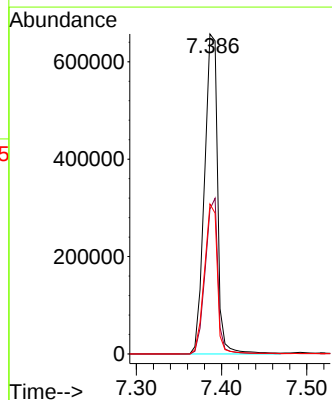
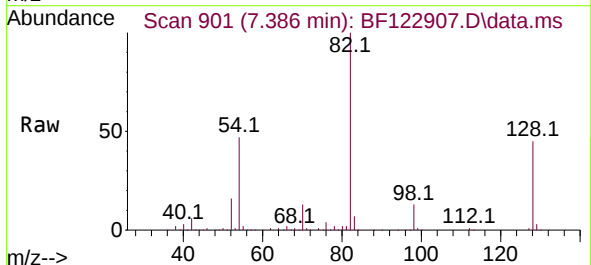
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.3	5.5	8.3
68	5.1	4.6	6.8

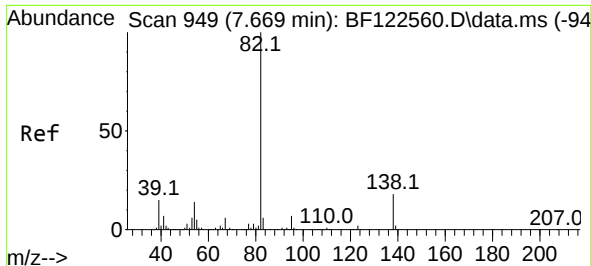


#23
Nitrobenzene-d5
Concen: 70.85 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion: 82 Resp: 703204

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.4
54	46.9	38.4	57.6

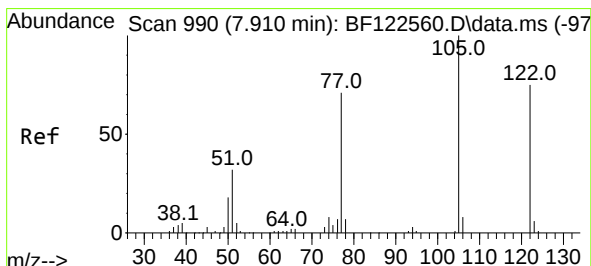
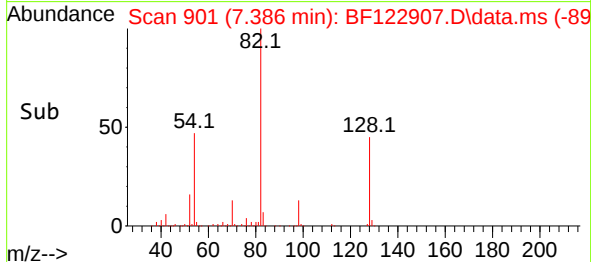
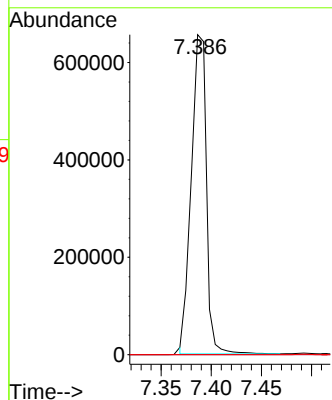
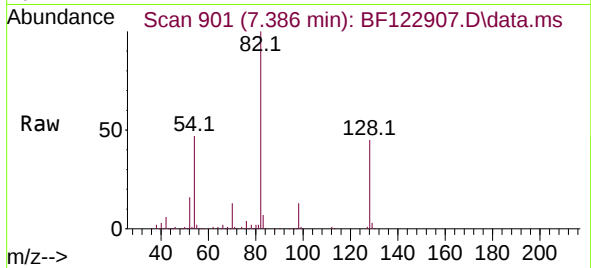




#25
Isophorone
Concen: 40.26 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.271 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

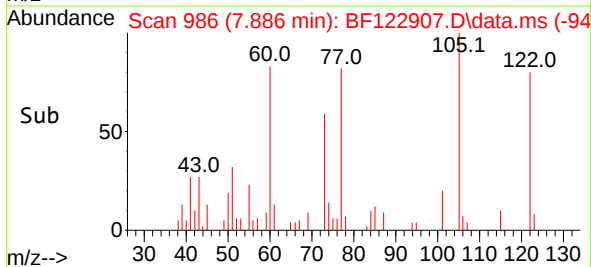
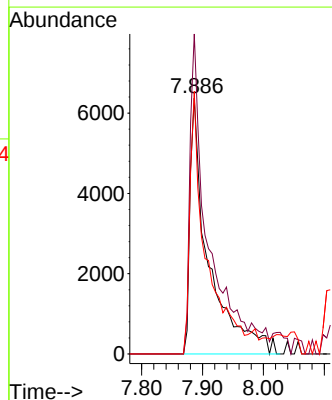
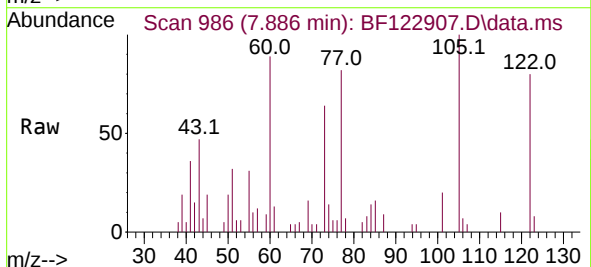
Instrument :
BNA_F
ClientSampleId :
JG-BUS-WASH

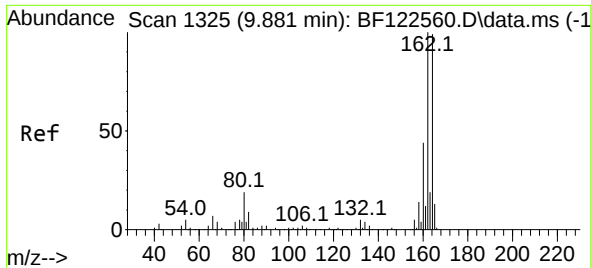
Tgt Ion: 82 Resp: 688274
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 2.40 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.041 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion:122 Resp: 13509
Ion Ratio Lower Upper
122 100
105 125.1 104.8 144.8
77 102.7 71.0 111.0

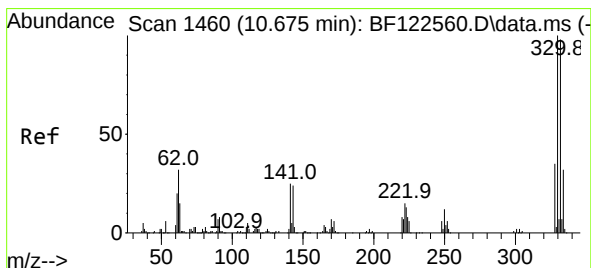
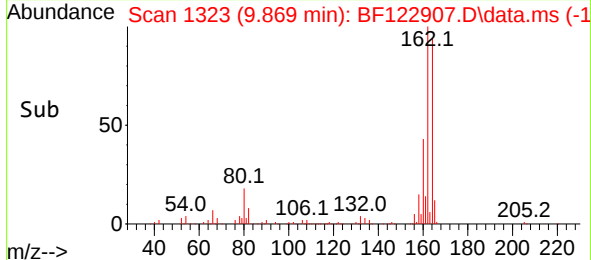
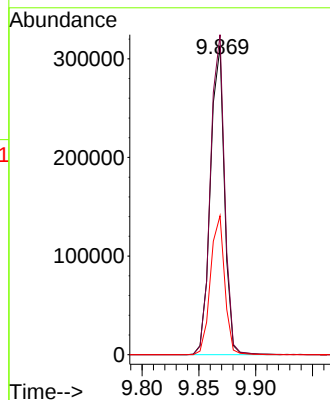
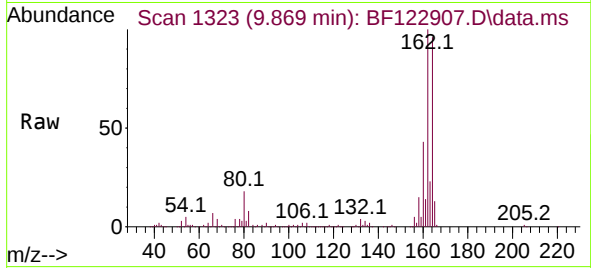




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

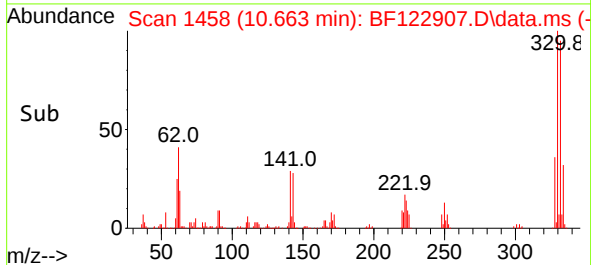
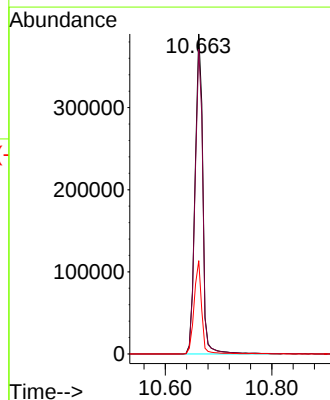
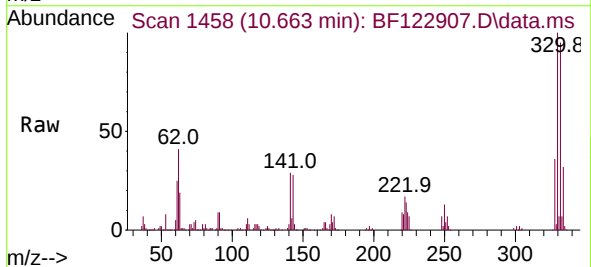
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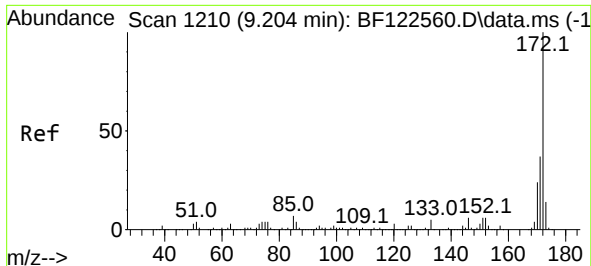
Tgt Ion:164 Resp: 269210
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 45.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 111.93 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion:330 Resp: 394414
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 28.3 23.8 35.8

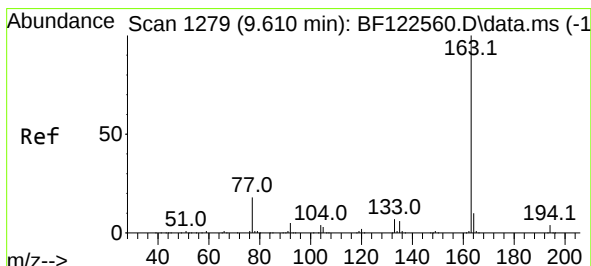
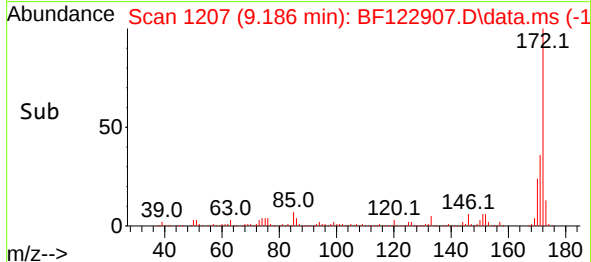
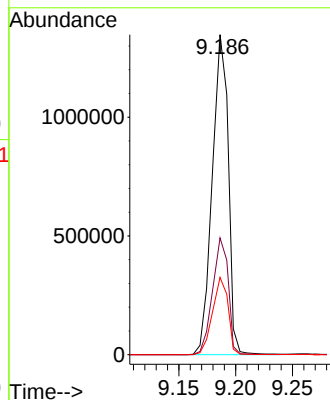
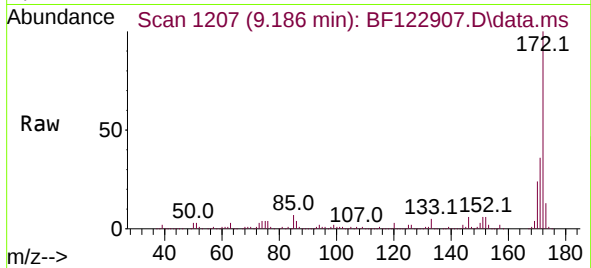




#45
2-Fluorobiphenyl
Concen: 66.48 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

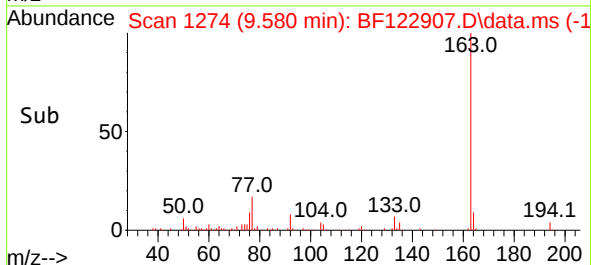
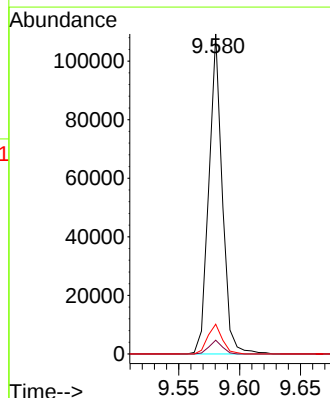
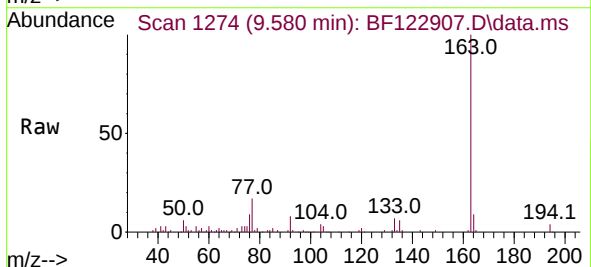
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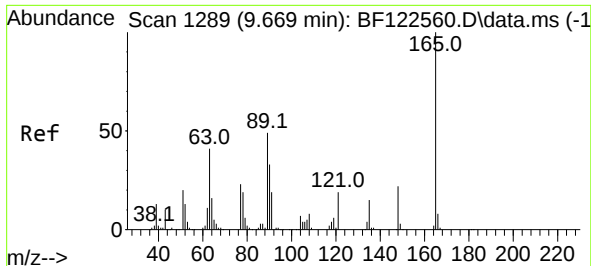
Tgt Ion:172 Resp: 1323165
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.5 29.3



#50
Dimethylphthalate
Concen: 3.89 ng
RT: 9.580 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion:163 Resp: 83710
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.3 8.1 12.1

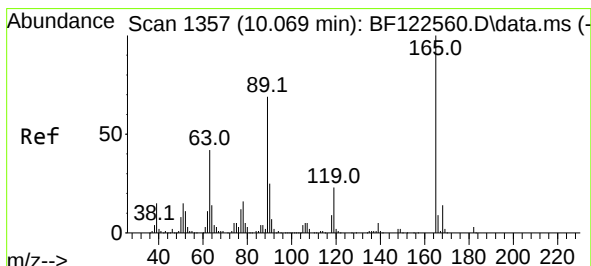
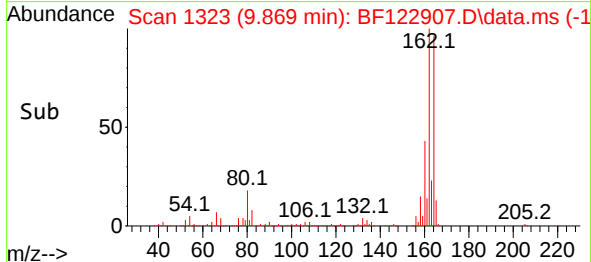
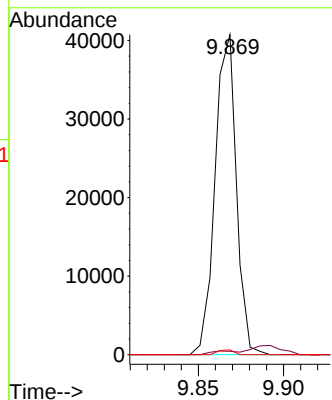
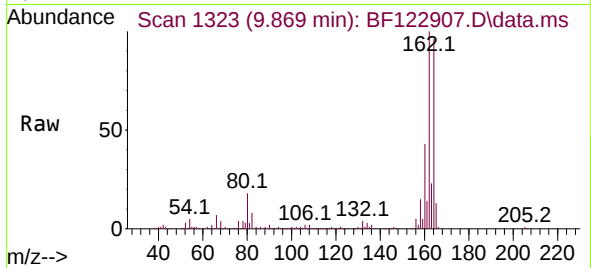




#51
2,6-Dinitrotoluene
Concen: 7.79 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

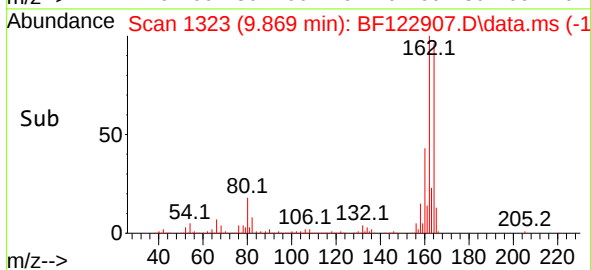
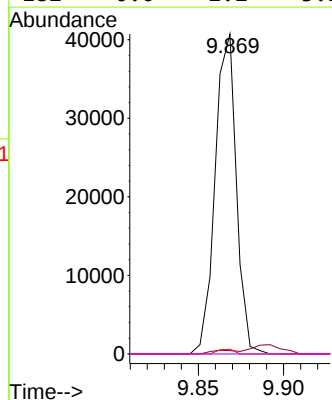
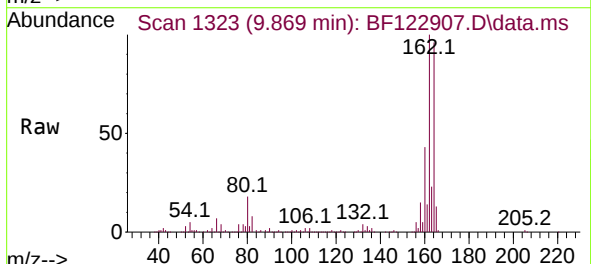
Instrument :
BNA_F
ClientSampleId :
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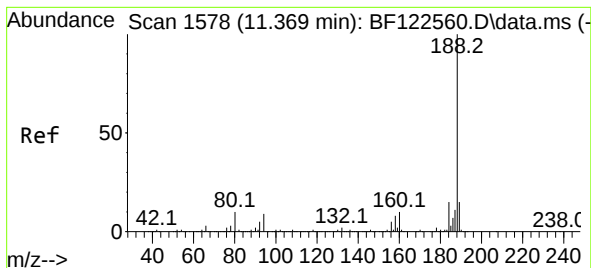
Tgt Ion:165 Resp: 35357
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.85 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion:165 Resp: 35357
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: 11.357 min Scan# 1576

Delta R.T. -0.006 min

Lab File: BF122907.D

Acq: 31 Dec 2020 20:54

Tgt Ion:188 Resp: 492452

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

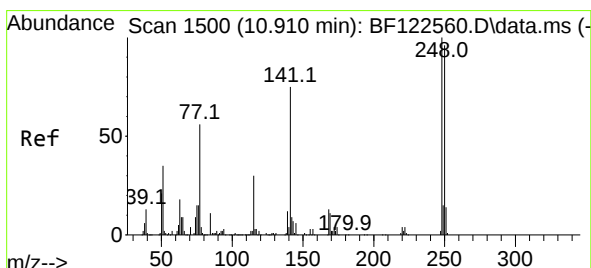
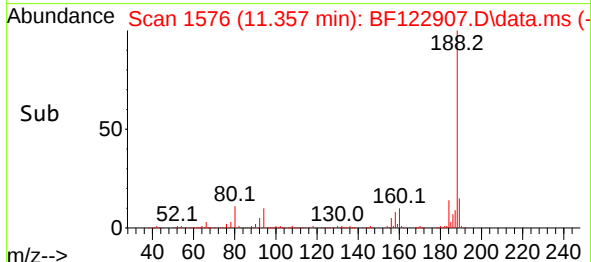
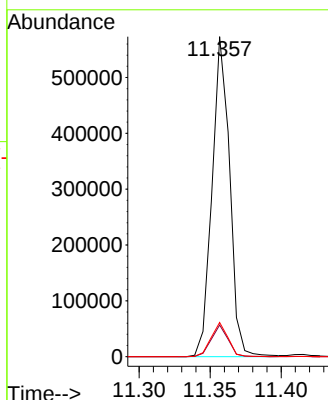
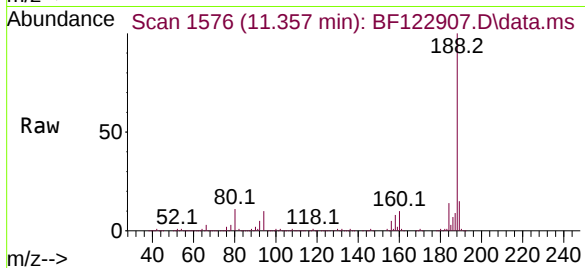
80 10.7 8.2 12.4

Instrument :

BNA_F

ClientSampleId :

JG-BUS-WASH



#67

4-Bromophenyl-phenylether

Concen: 3.68 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF122907.D

Acq: 31 Dec 2020 20:54

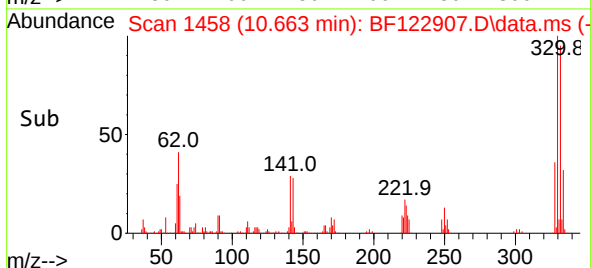
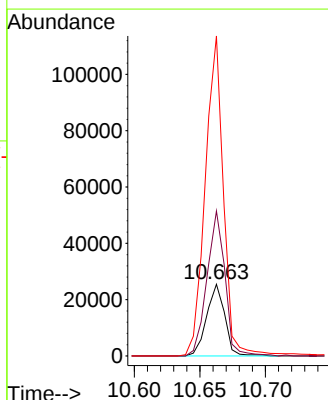
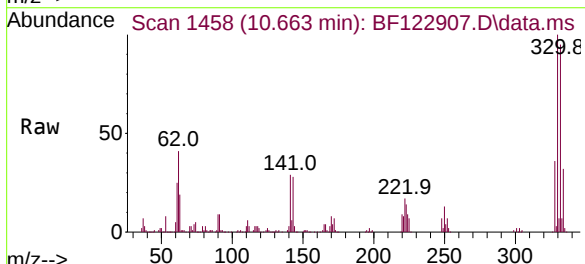
Tgt Ion:248 Resp: 24524

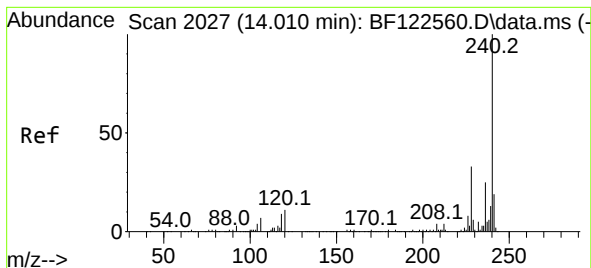
Ion Ratio Lower Upper

248 100

250 202.3 76.8 115.2#

141 446.8 59.8 89.8#

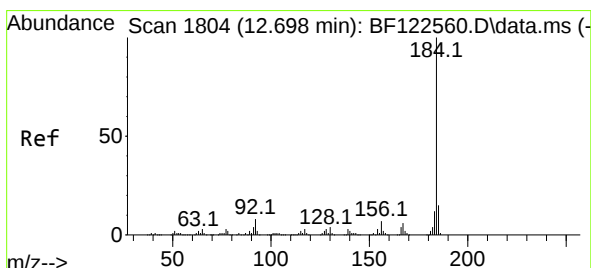
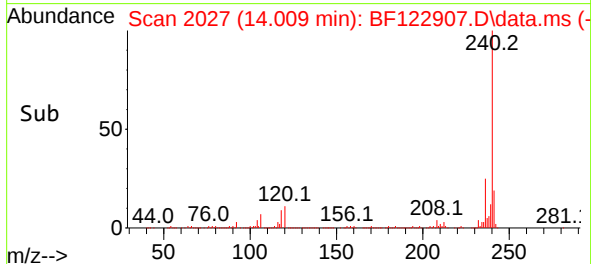
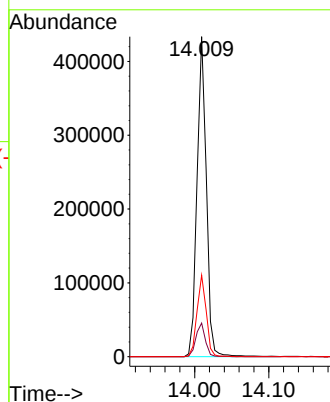
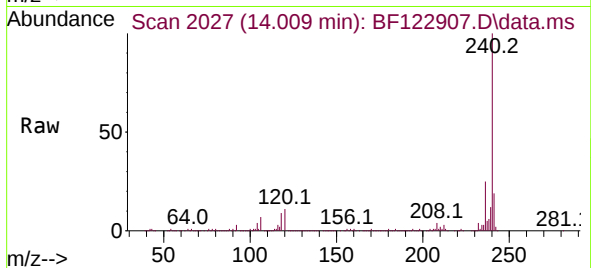




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

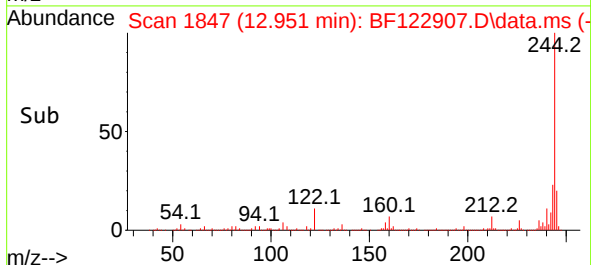
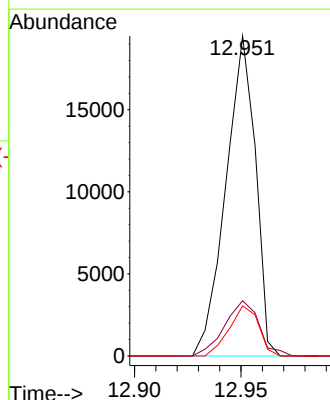
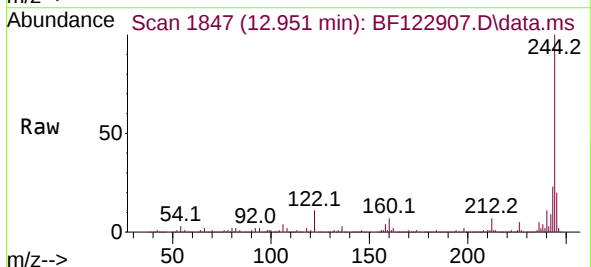
Instrument :
BNA_F
ClientSampleId :
JG-BUS-WASH

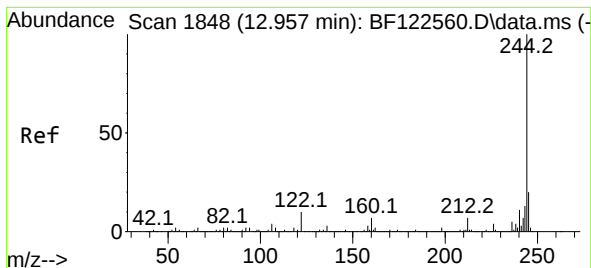
Tgt Ion:240 Resp: 378388
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.4 20.3 30.5



#77
Benzidine
Concen: 2.30 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF122907.D
Acq: 31 Dec 2020 20:54

Tgt Ion:184 Resp: 18852
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.6
183 15.6 9.7 14.5#





#79

Terphenyl-d14

Concen: 67.30 ng

RT: 12.951 min Scan# 1847

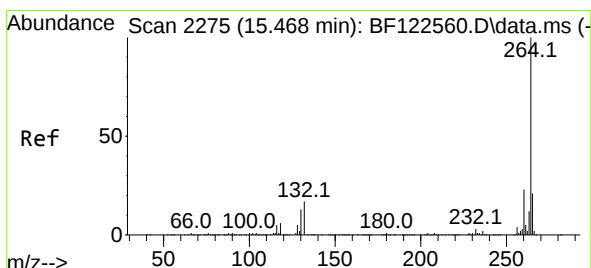
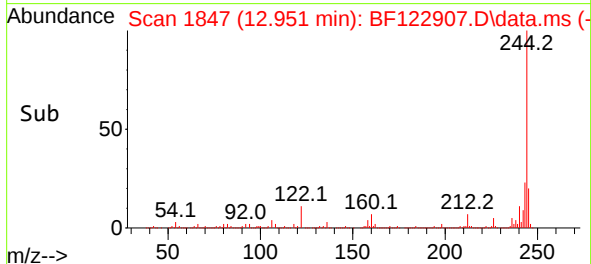
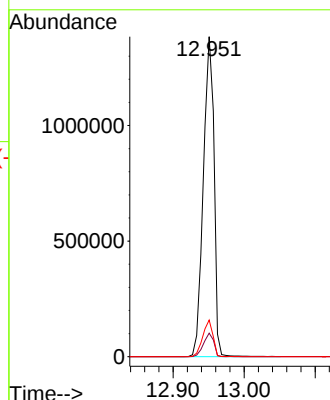
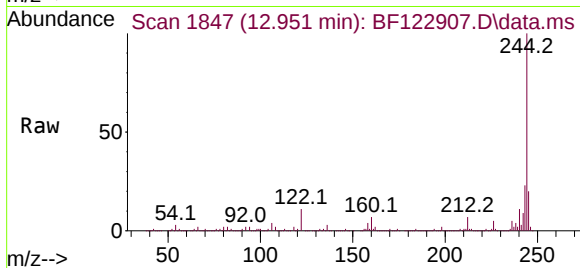
Delta R.T. -0.006 min

Lab File: BF122907.D

Acq: 31 Dec 2020 20:54

Tgt Ion:244 Resp: 1454824

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.4	8.3	12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.000 min

Lab File: BF122907.D

Acq: 31 Dec 2020 20:54

Tgt Ion:264 Resp: 374139

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	17.0	25.6

