

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122906.D
 Acq On : 31 Dec 2020 20:24
 Operator : JU/CG
 Sample : L5241-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-ENGINE-WASH

Quant Time: Dec 31 23:43:26 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)

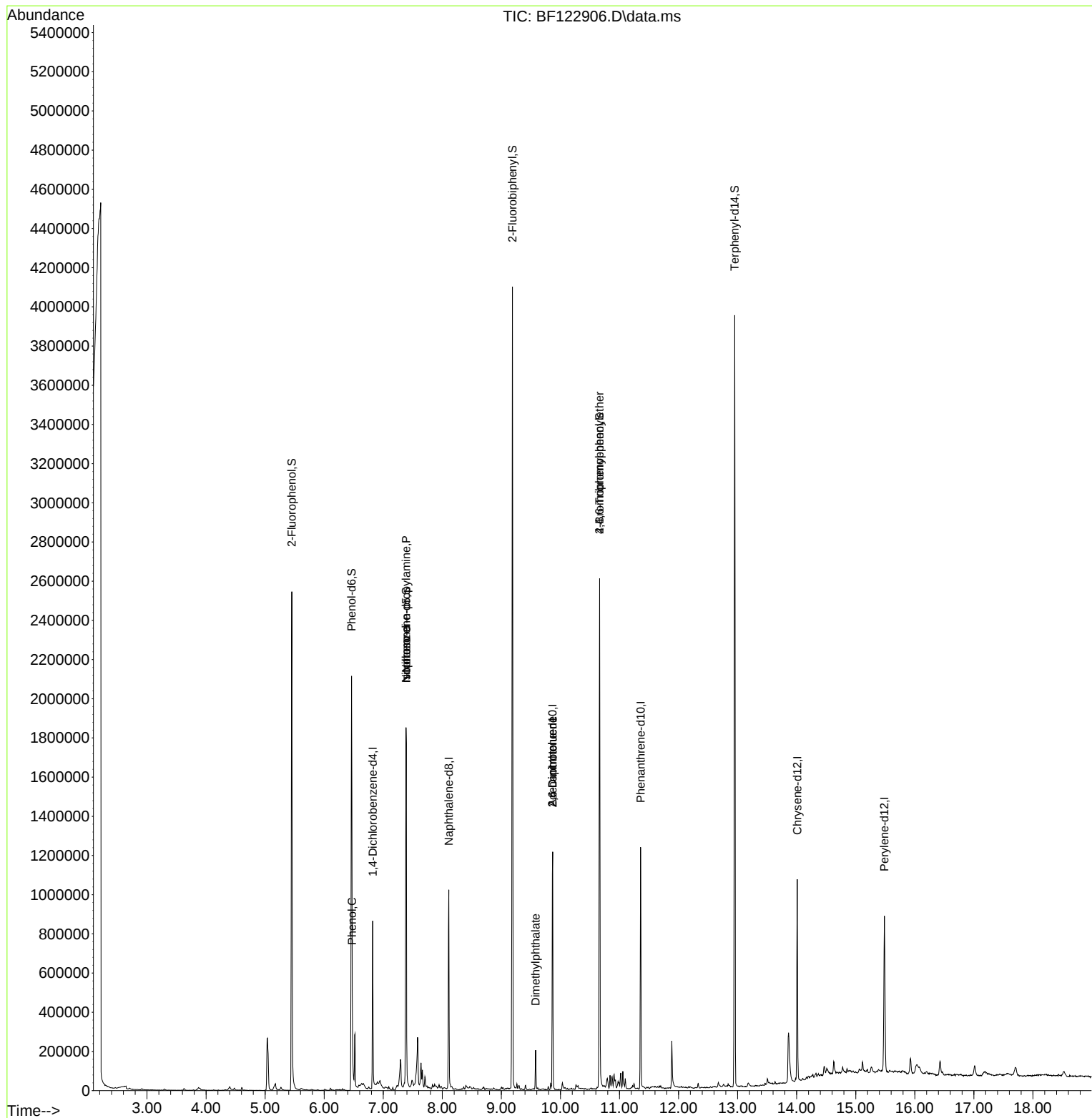
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	121371	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	472150	20.00	ng	0.00
39) Acenaphthene-d10	9.869	164	253153	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	445660	20.00	ng	0.00
76) Chrysene-d12	14.010	240	339279	20.00	ng	0.00
86) Perylene-d12	15.486	264	343304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	772327	100.74	ng	0.01
7) Phenol-d6	6.463	99	865803	85.15	ng	0.00
23) Nitrobenzene-d5	7.387	82	688925	73.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	361464	109.08	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1294269	69.15	ng	0.00
79) Terphenyl-d14	12.951	244	1312980	67.74	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.475	94	48802	4.63	ng	95
19) n-Nitroso-di-n-propyla...	7.387	70	90388	15.52	ng	# 78
25) Isophorone	7.387	82	671227	41.35	ng	# 65
50) Dimethylphthalate	9.581	163	76342	3.78	ng	99
51) 2,6-Dinitrotoluene	9.869	165	32066	7.51	ng	# 31
57) 2,4-Dinitrotoluene	9.869	165	32066	5.64	ng	# 26
67) 4-Bromophenyl-phenylether	10.663	248	22377	3.71	ng	# 1

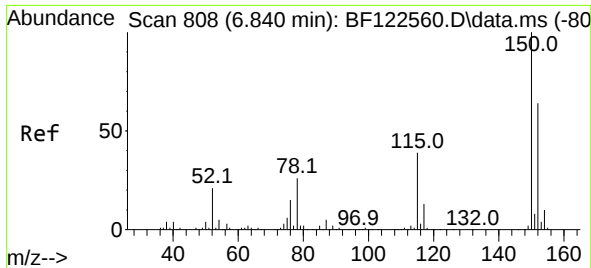
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122906.D
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Sample : L5241-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JG-ENGINE-WASH

Quant Time: Dec 31 23:43:26 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

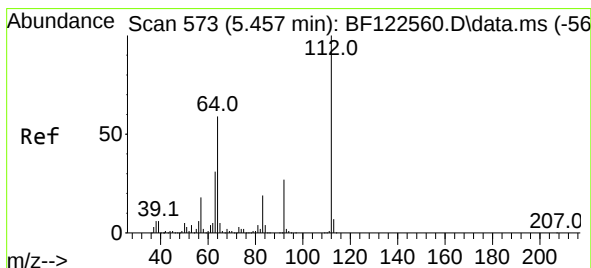
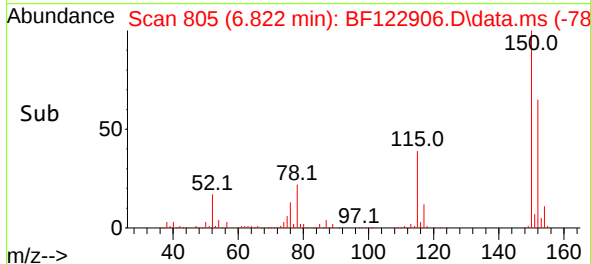
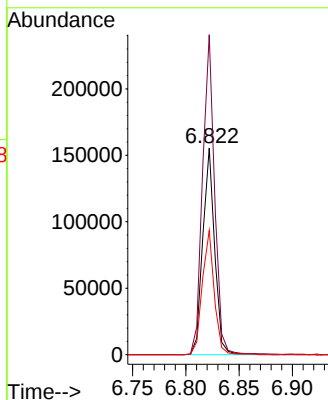
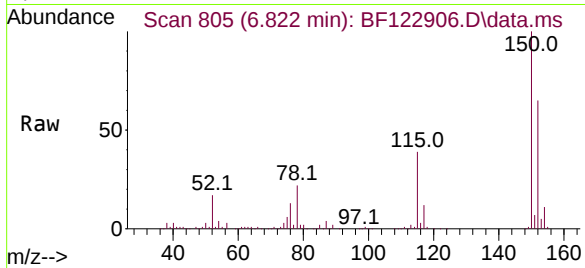




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.822 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF122906.D
 Acq: 31 Dec 2020 20:24

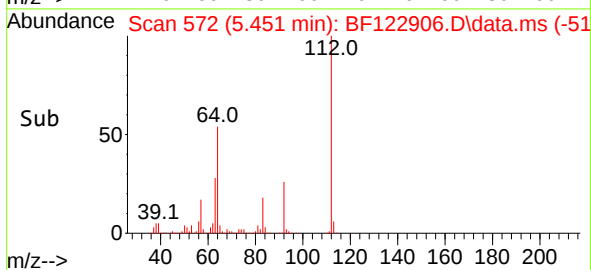
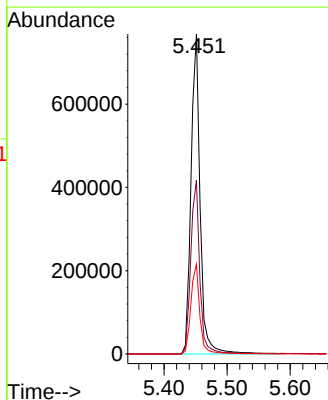
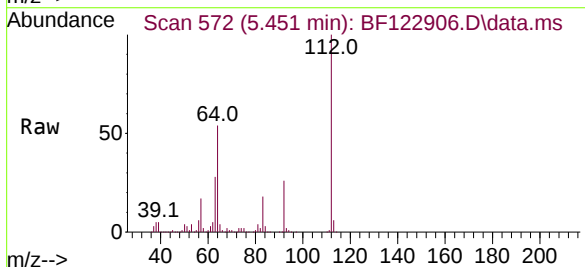
Instrument :
 BNA_F
 ClientSampleId :
 JG-ENGINE-WASH

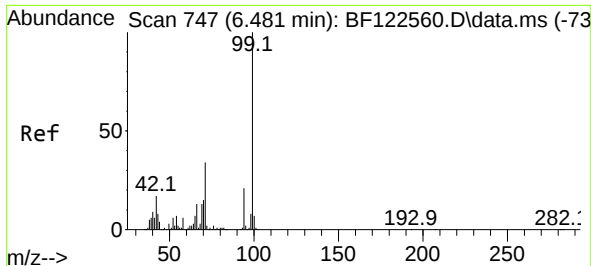
Tgt Ion:152 Resp: 121371
 Ion Ratio Lower Upper
 152 100
 150 154.8 125.8 188.6
 115 60.1 49.3 73.9



#5
 2-Fluorophenol
 Concen: 100.74 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: BF122906.D
 Acq: 31 Dec 2020 20:24

Tgt Ion:112 Resp: 772327
 Ion Ratio Lower Upper
 112 100
 64 54.3 46.9 70.3
 63 28.1 24.5 36.7

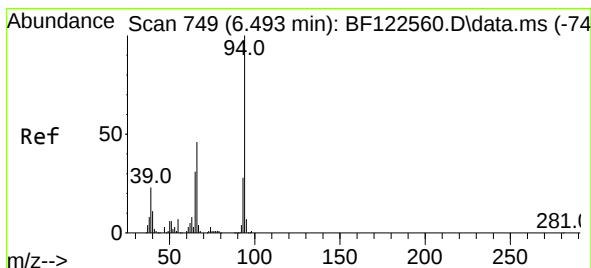
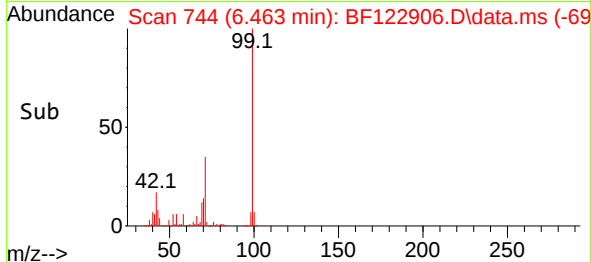
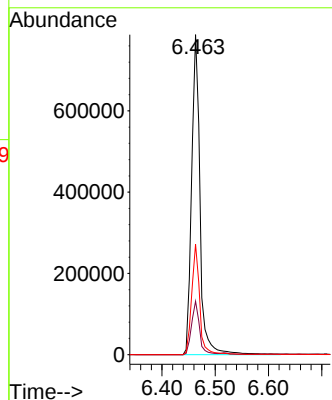
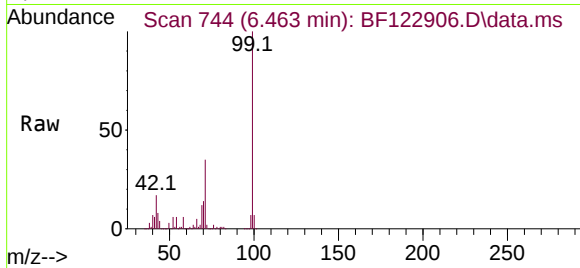




#7
Phenol-d6
Concen: 85.15 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

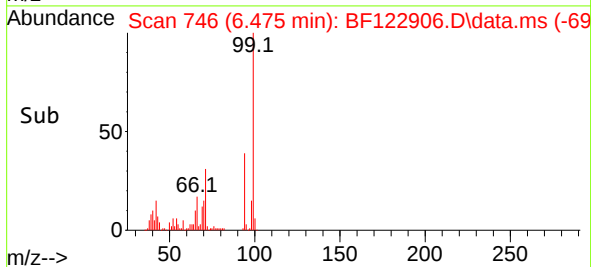
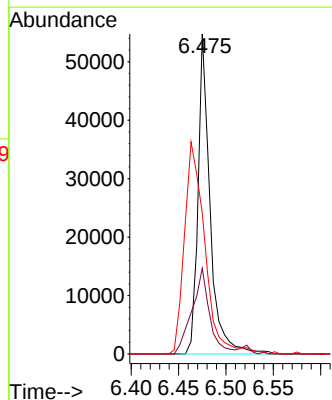
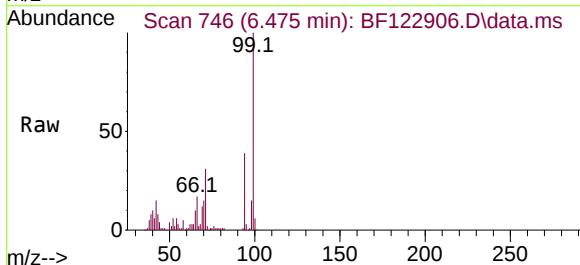
Instrument :
BNA_F
ClientSampleId :
JG-ENGINE-WASH

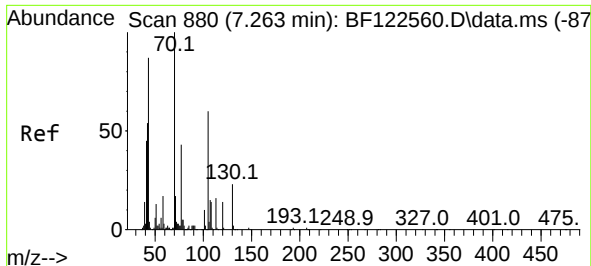
Tgt Ion: 99 Resp: 865803
Ion Ratio Lower Upper
99 100
42 16.7 13.8 20.6
71 34.5 26.9 40.3



#10
Phenol
Concen: 4.63 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

Tgt Ion: 94 Resp: 48802
Ion Ratio Lower Upper
94 100
65 26.8 11.2 51.2
66 44.0 25.8 65.8

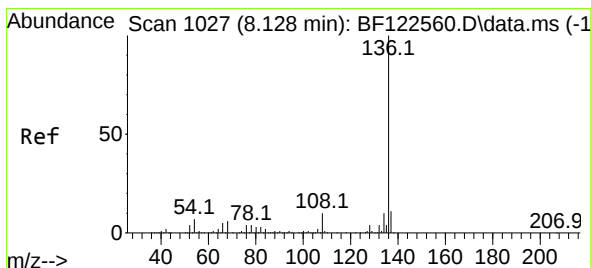
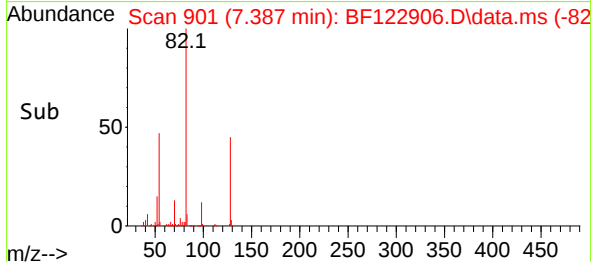
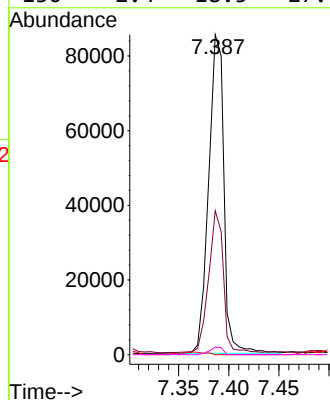
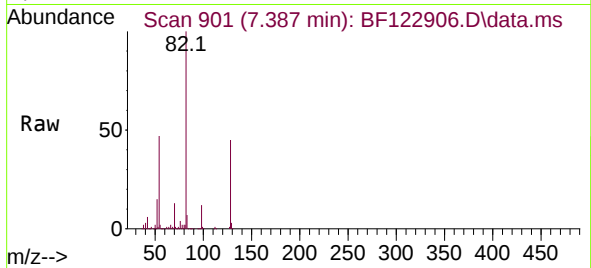




#19
n-Nitroso-di-n-propylamine
Concen: 15.52 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.135 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

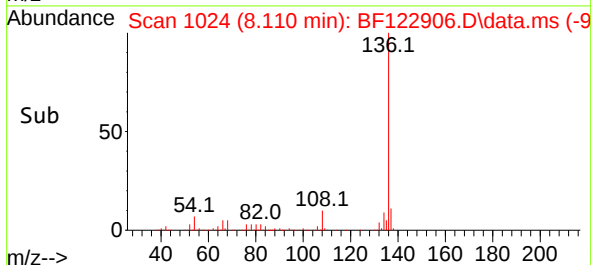
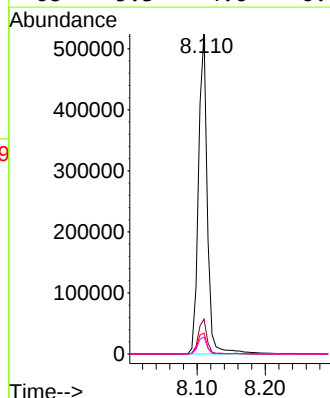
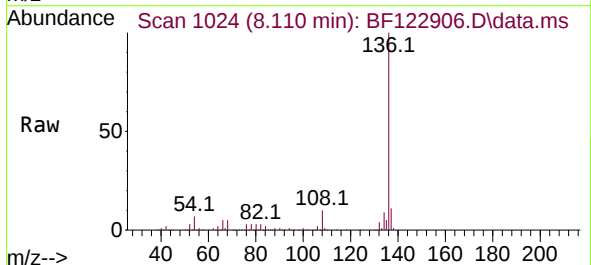
Instrument :
BNA_F
ClientSampleId :
JG-ENGINE-WASH

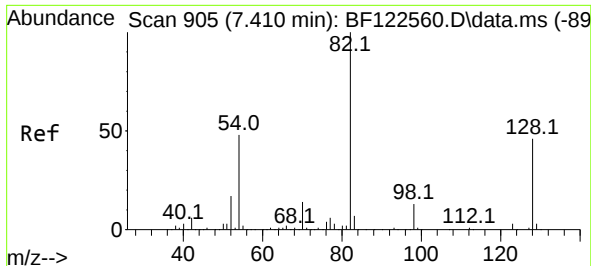
Tgt Ion: 70	Resp: 90388
Ion Ratio	Lower Upper
70 100	
42 45.0	43.0 64.4
101 0.0	7.9 11.9#
130 2.4	18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

Tgt Ion: 136	Resp: 472150
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 6.5	5.5 8.3
68 5.3	4.6 6.8





#23

Nitrobenzene-d5

Concen: 73.11 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF122906.D

Acq: 31 Dec 2020 20:24

Tgt Ion: 82 Resp: 688925

Ion Ratio Lower Upper

82 100

128 45.3 37.0 55.4

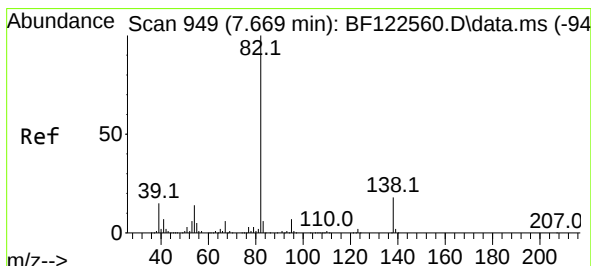
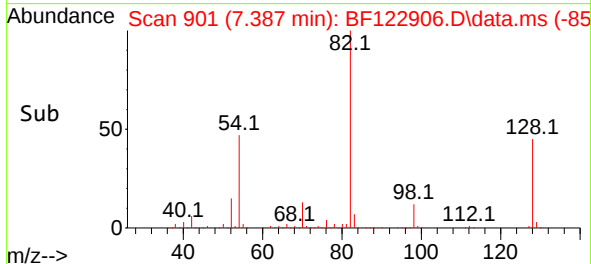
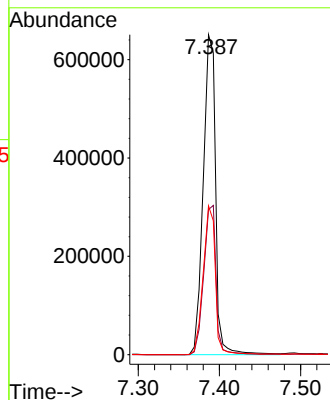
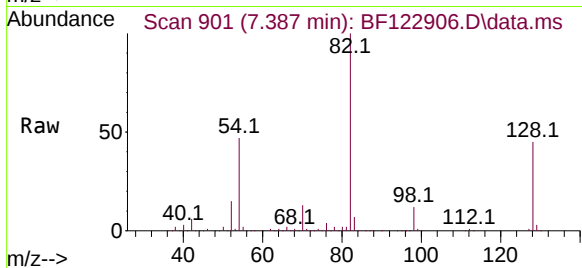
54 46.5 38.4 57.6

Instrument :

BNA_F

ClientSampleId :

JG-ENGINE-WASH



#25

Isophorone

Concen: 41.35 ng

RT: 7.387 min Scan# 901

Delta R.T. -0.270 min

Lab File: BF122906.D

Acq: 31 Dec 2020 20:24

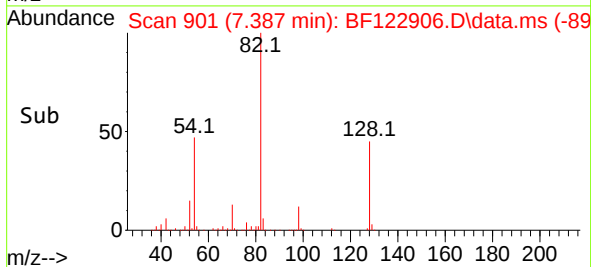
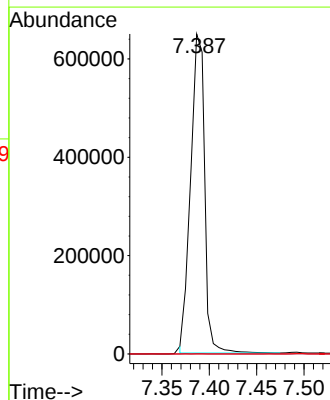
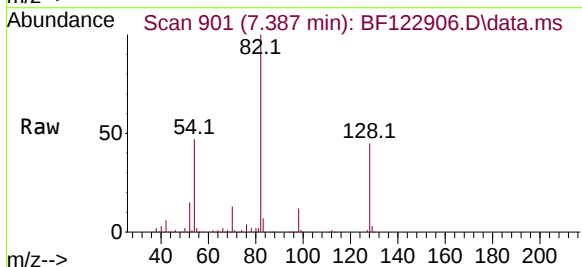
Tgt Ion: 82 Resp: 671227

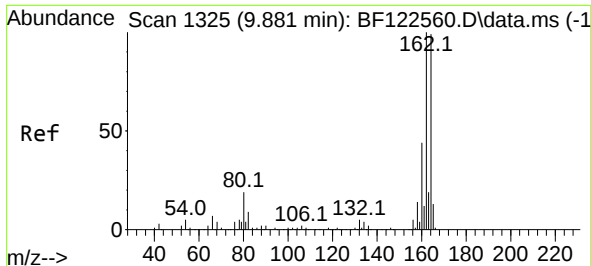
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF122906.D

Acq: 31 Dec 2020 20:24

Tgt Ion:164 Resp: 253153

Ion Ratio Lower Upper

164 100

162 103.9 80.8 121.2

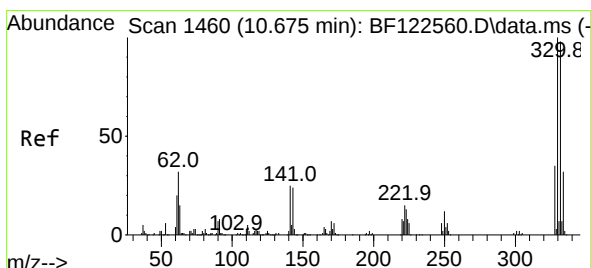
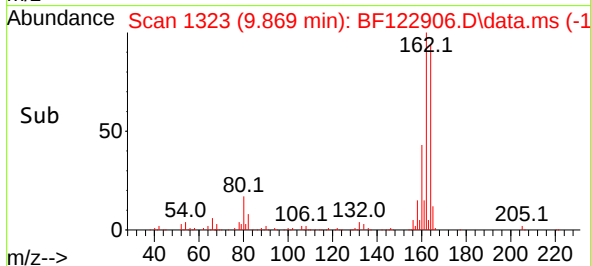
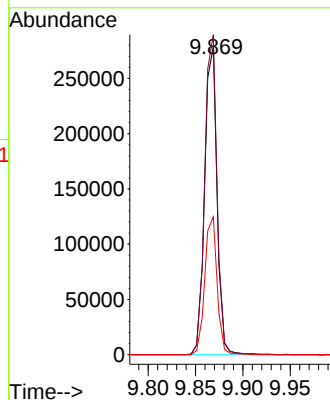
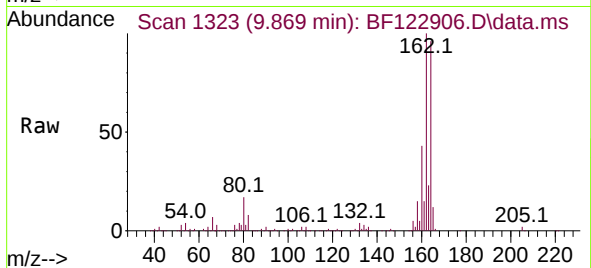
160 44.7 35.4 53.0

Instrument :

BNA_F

ClientSampleId :

JG-ENGINE-WASH



#42

2,4,6-Tribromophenol

Concen: 109.08 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF122906.D

Acq: 31 Dec 2020 20:24

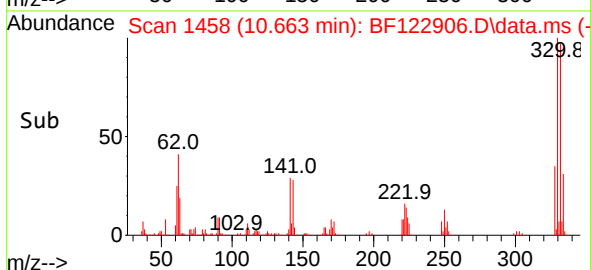
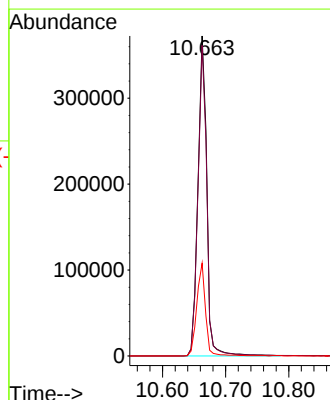
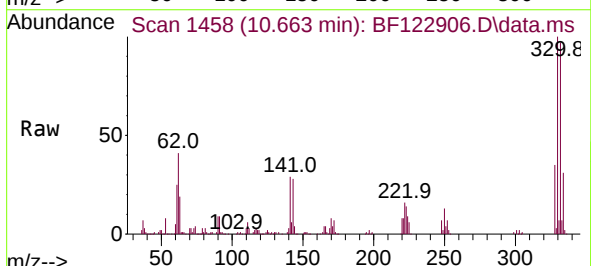
Tgt Ion:330 Resp: 361464

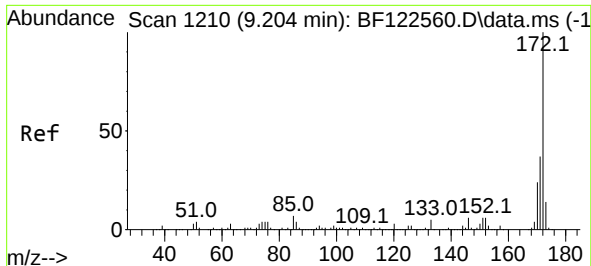
Ion Ratio Lower Upper

330 100

332 97.3 77.5 116.3

141 28.8 23.8 35.8

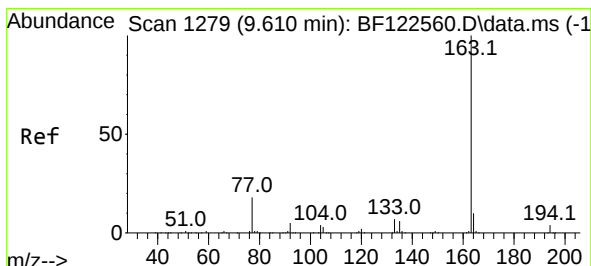
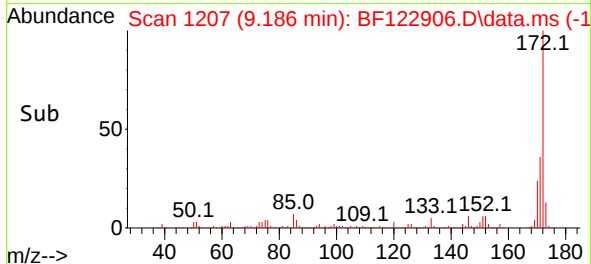
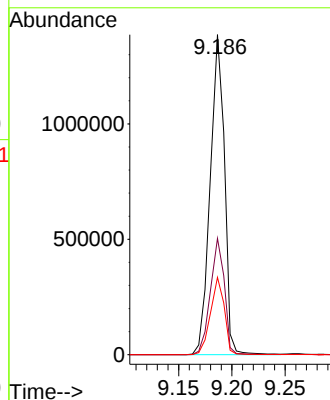
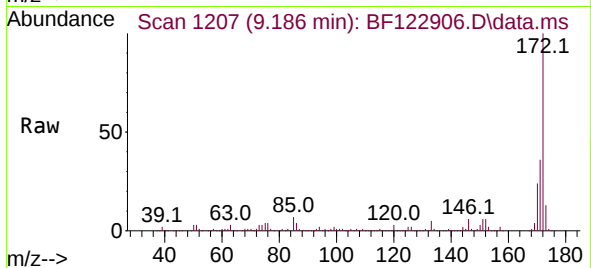




#45
2-Fluorobiphenyl
Concen: 69.15 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

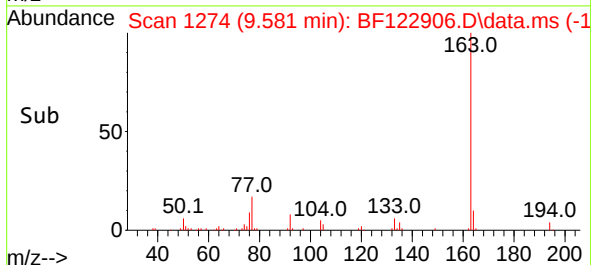
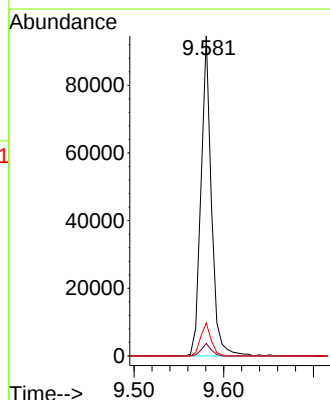
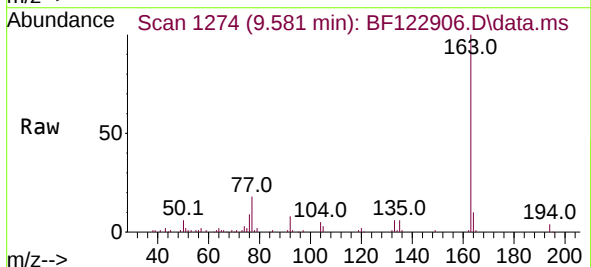
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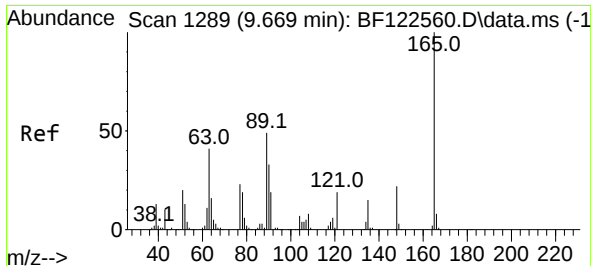
Tgt Ion:172 Resp: 1294269
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 19.5 29.3



#50
Dimethylphthalate
Concen: 3.78 ng
RT: 9.581 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

Tgt Ion:163 Resp: 76342
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.3 8.1 12.1

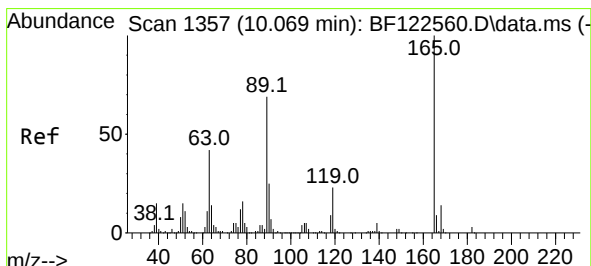
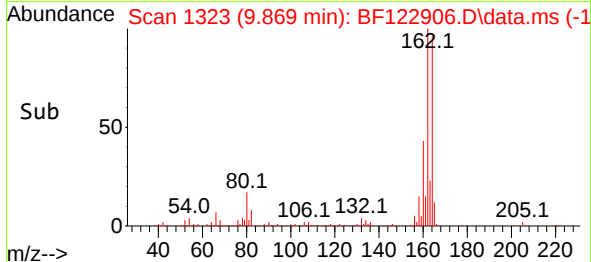
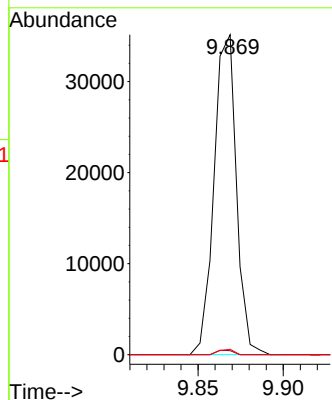
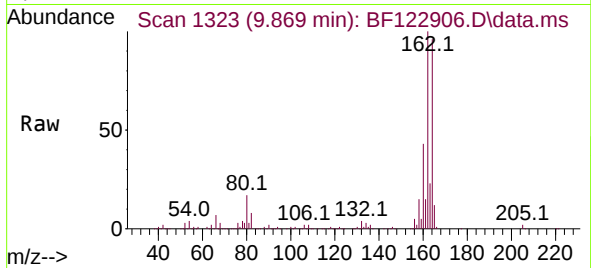




#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

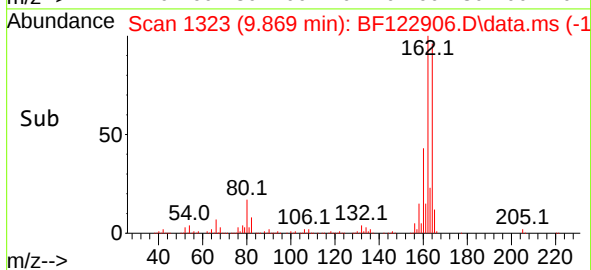
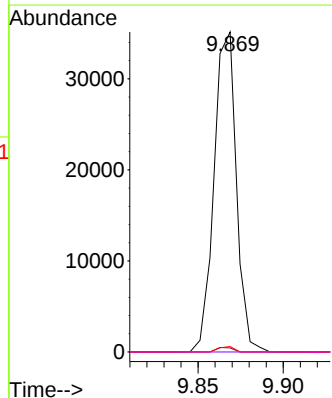
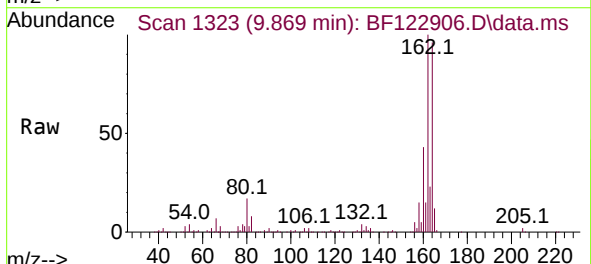
Instrument :
BNA_F
ClientSampleId :
JG-ENGINE-WASH

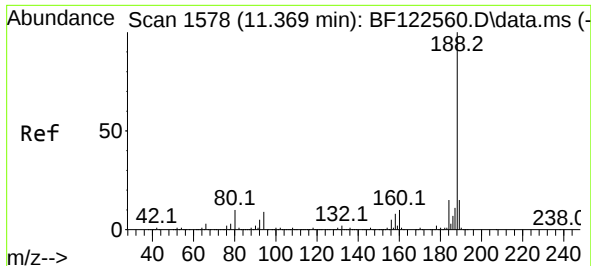
Tgt Ion:165 Resp: 32066
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.7 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

Tgt Ion:165 Resp: 32066
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.7 55.2 82.8#
182 0.0 2.2 3.2#

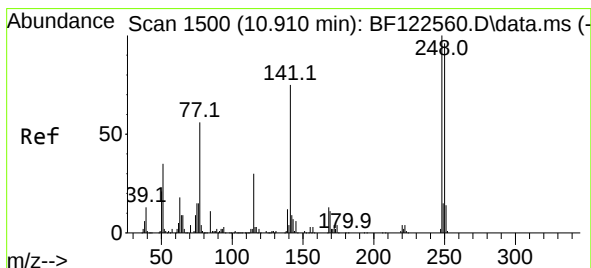
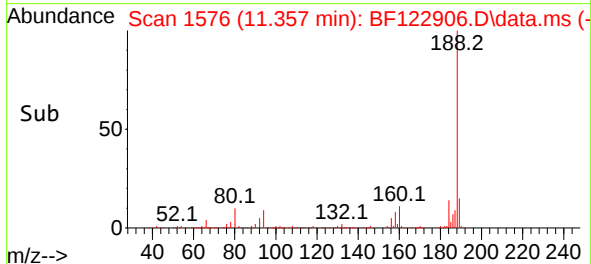
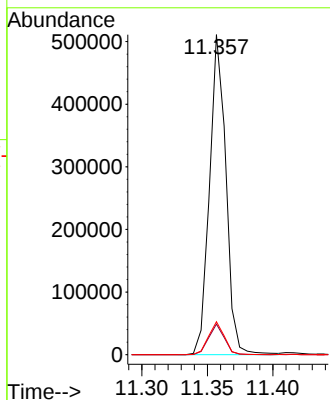
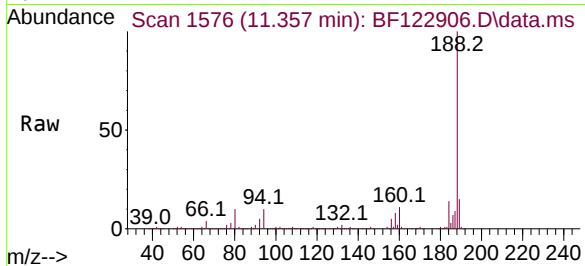




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

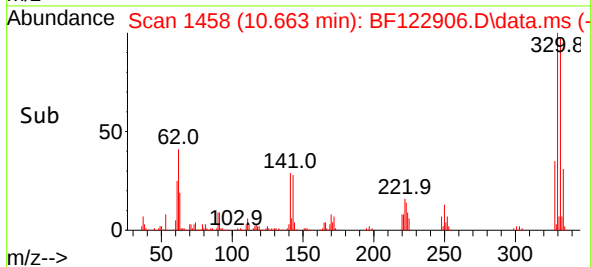
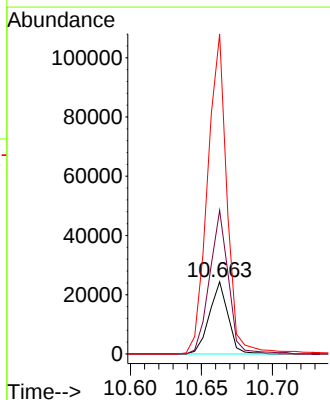
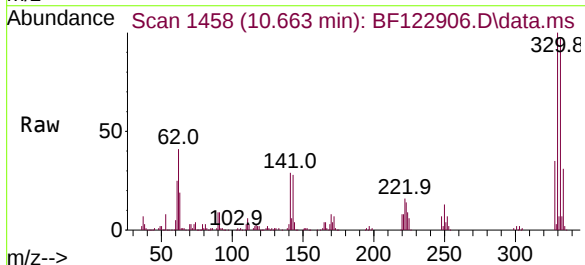
Instrument :
BNA_F
ClientSampleId :
JG-ENGINE-WASH

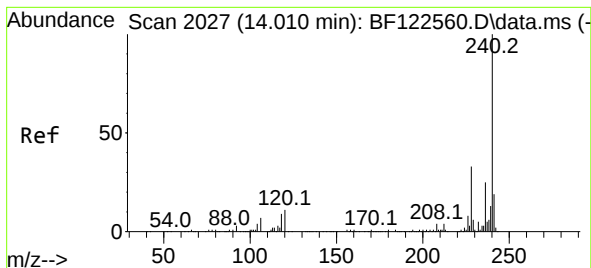
Tgt Ion:188 Resp: 445660
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

Tgt Ion:248 Resp: 22377
Ion Ratio Lower Upper
248 100
250 199.0 76.8 115.2#
141 443.2 59.8 89.8#

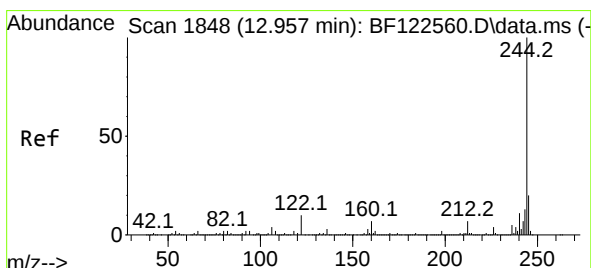
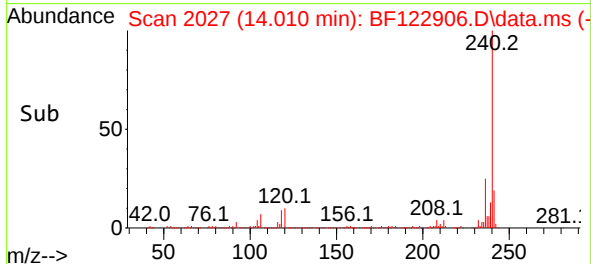
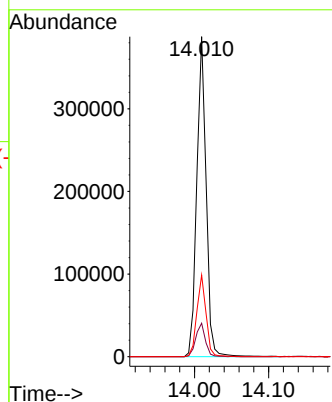
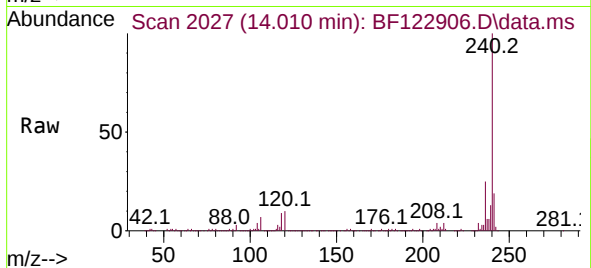




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

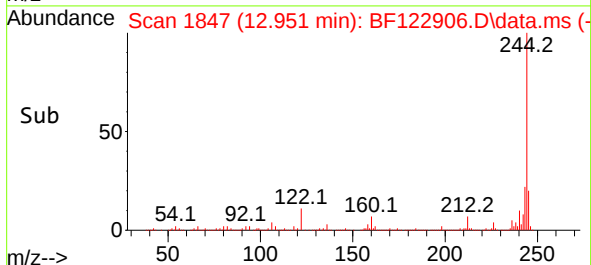
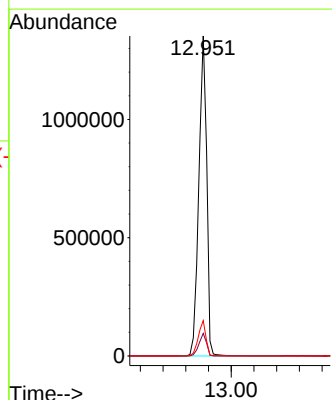
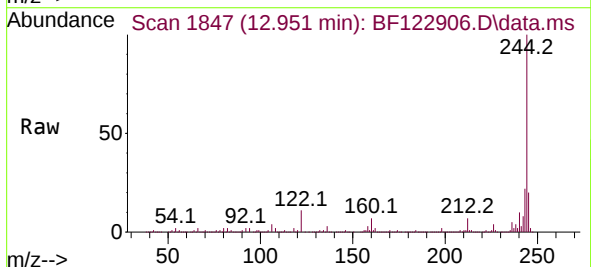
Instrument :
BNA_F
ClientSampleId :
JG-ENGINE-WASH

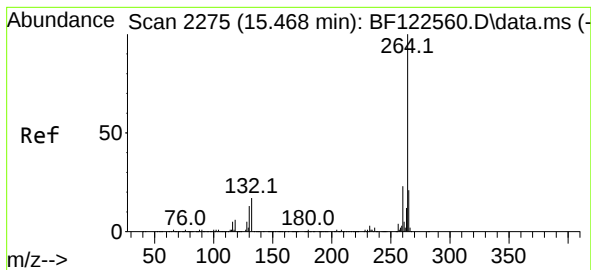
Tgt Ion:240 Resp: 339279
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 67.74 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

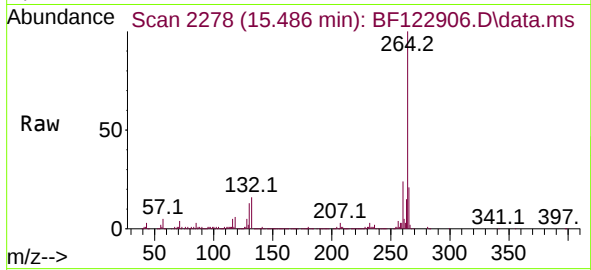
Tgt Ion:244 Resp: 1312980
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.0 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF122906.D
Acq: 31 Dec 2020 20:24

Instrument :
BNA_F
ClientSampleId :
JG-ENGINE-WASH



Tgt Ion:264 Resp: 343304

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.2	17.0	25.6

