

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122705.D
 Acq On : 14 Dec 2020 14:46
 Operator : JU/CG
 Sample : L5065-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-S-SB-0203-0-15

Quant Time: Dec 14 16:55:23 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)

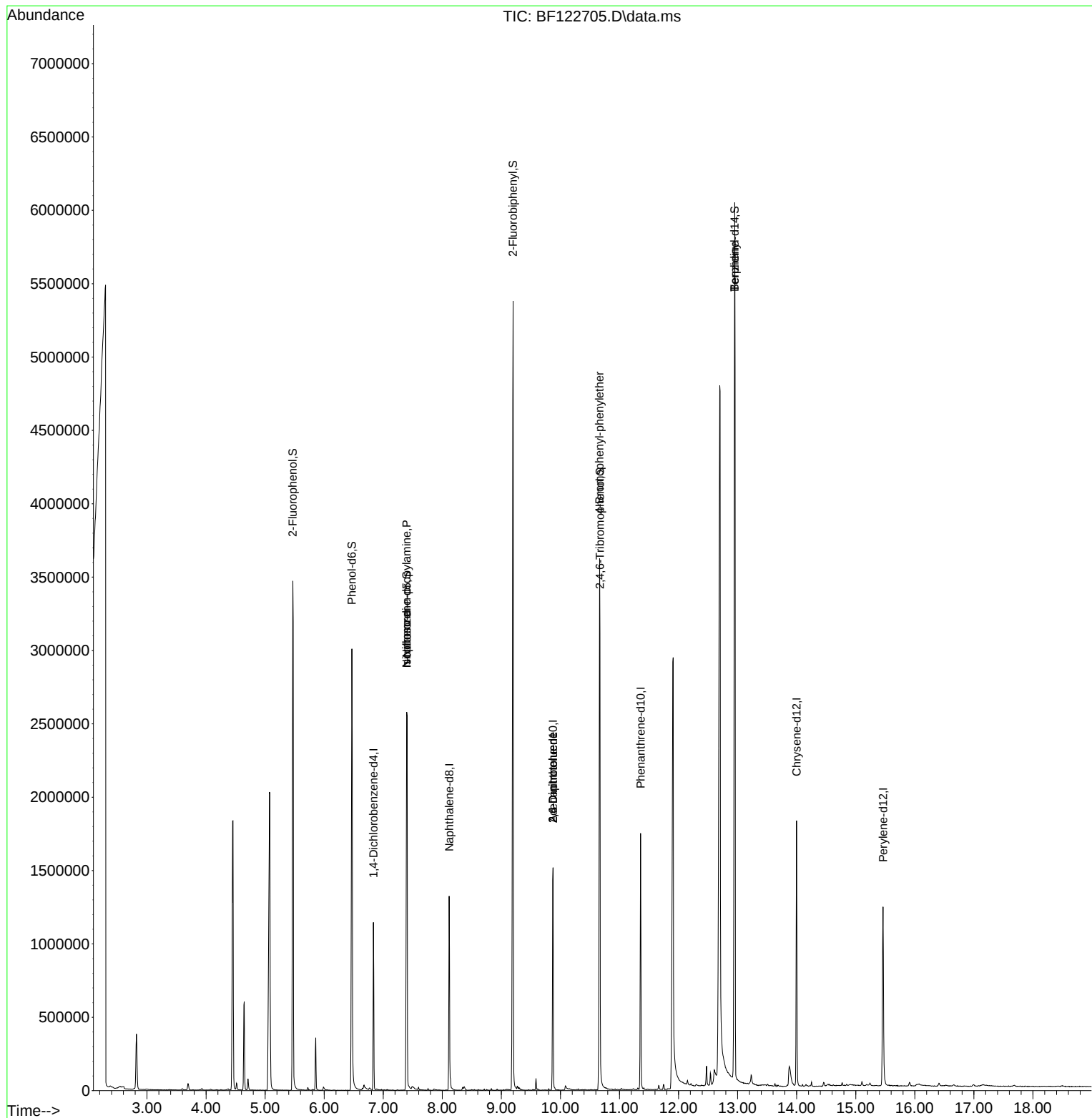
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	160691	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	629153	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	339218	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	638801	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	624226	20.00	ng	-0.01
86) Perylene-d12	15.462	264	622104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1173708	115.64	ng	0.01
7) Phenol-d6	6.469	99	1326534	98.54	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1070656	85.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	618482	139.29	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1933429	77.09	ng	0.00
79) Terphenyl-d14	12.951	244	2461029	69.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	142487	18.48	ng	# 77
25) Isophorone	7.398	82	1070648	49.50	ng	# 65
51) 2,6-Dinitrotoluene	9.874	165	43610	7.62	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	43610	5.72	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	37700	4.36	ng	# 1
77) Benzidine	12.951	184	31776	2.35	ng	# 90

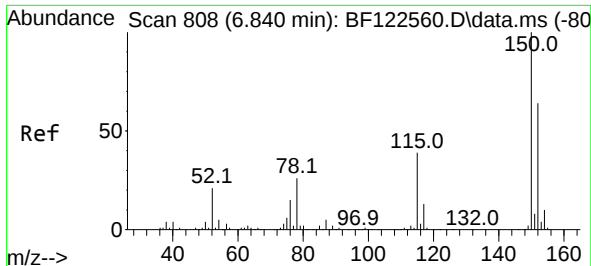
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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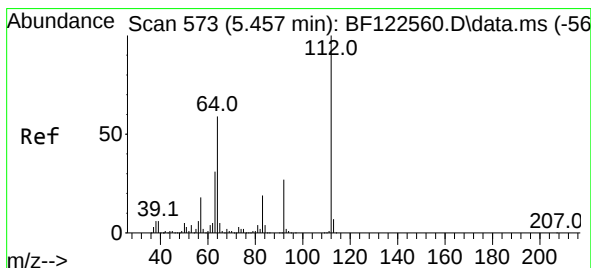
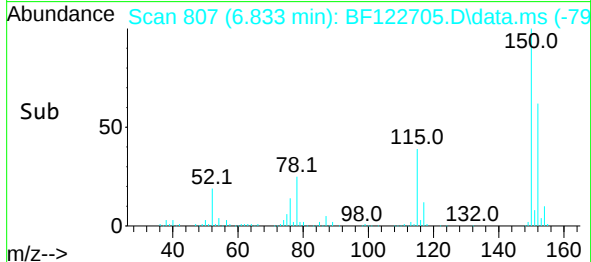
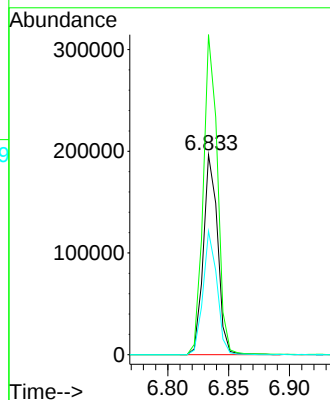
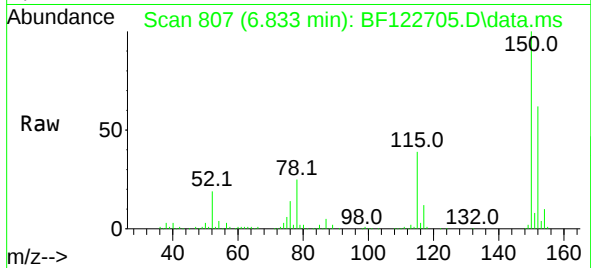




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

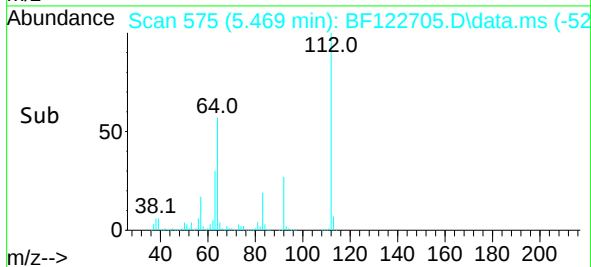
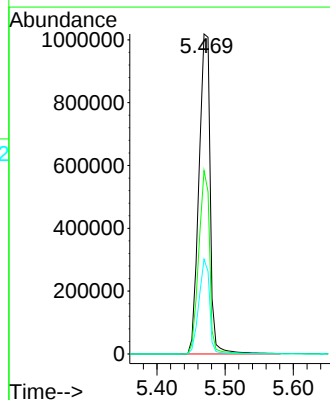
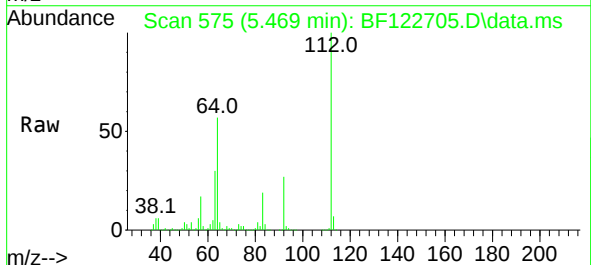
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

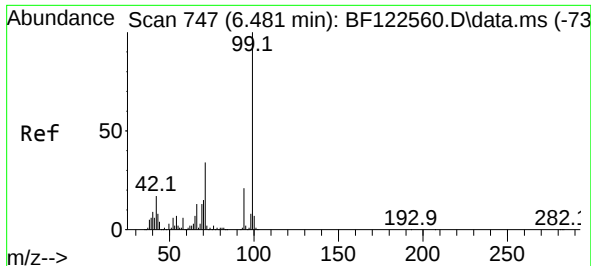
Tgt Ion:152 Resp: 160691
Ion Ratio Lower Upper
152 100
150 160.1 125.8 188.6
115 61.8 49.3 73.9



#5
2-Fluorophenol
Concen: 115.64 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.012 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

Tgt Ion:112 Resp: 1173708
Ion Ratio Lower Upper
112 100
64 57.3 46.9 70.3
63 29.6 24.5 36.7

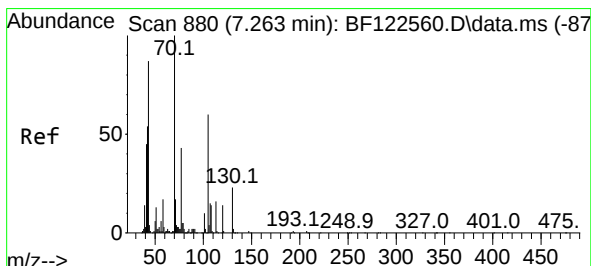
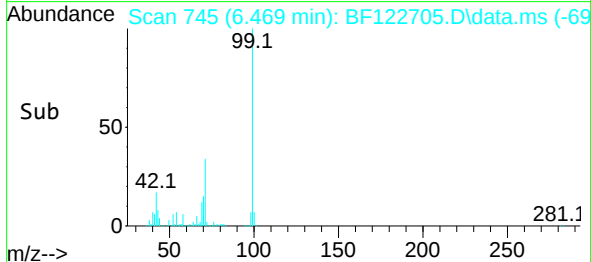
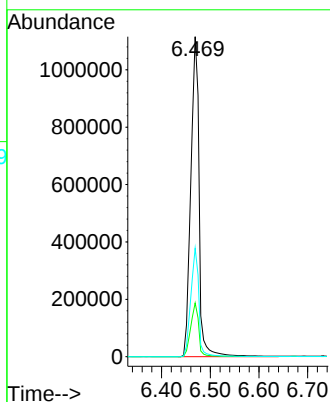
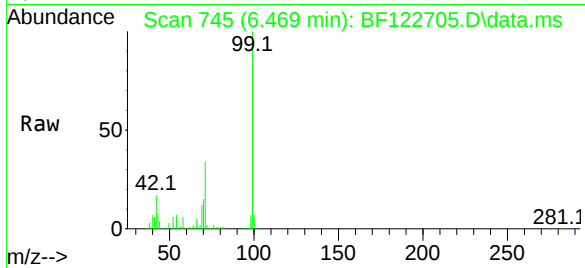




#7
Phenol-d6
Concen: 98.54 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

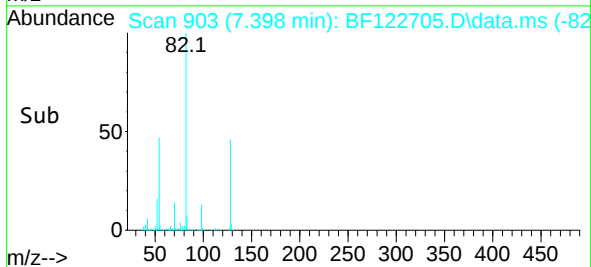
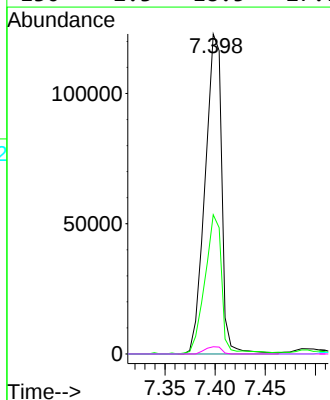
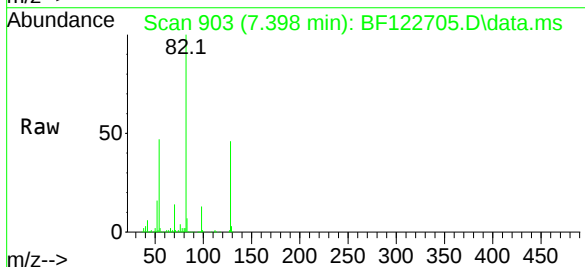
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

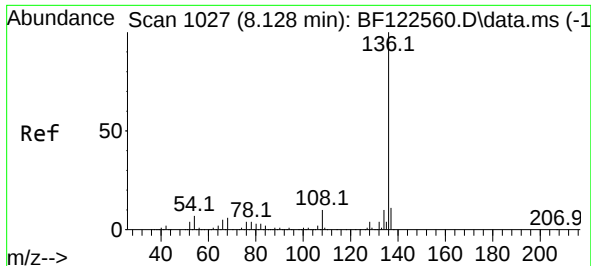
Tgt Ion: 99 Resp: 1326534
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.6
71 33.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.48 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

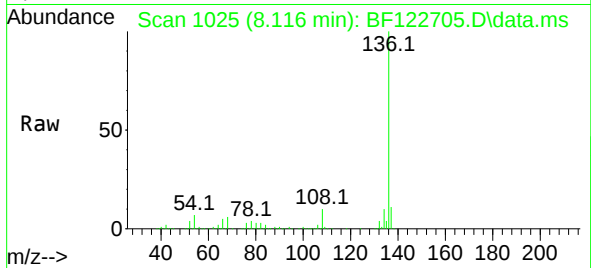
Tgt Ion: 70 Resp: 142487
Ion Ratio Lower Upper
70 100
42 43.5 43.0 64.4
101 0.0 7.9 11.9#
130 2.3 18.5 27.7#



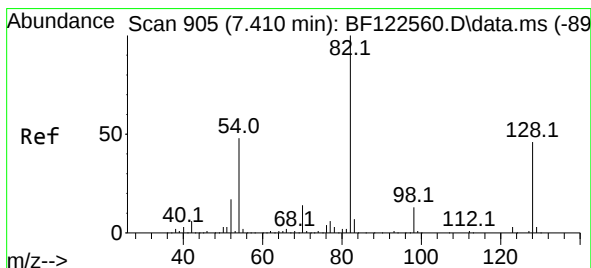
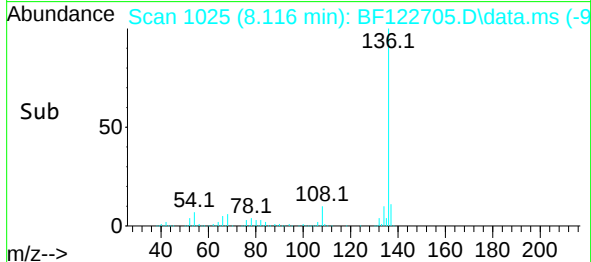
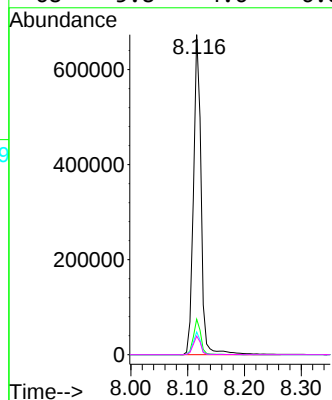


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

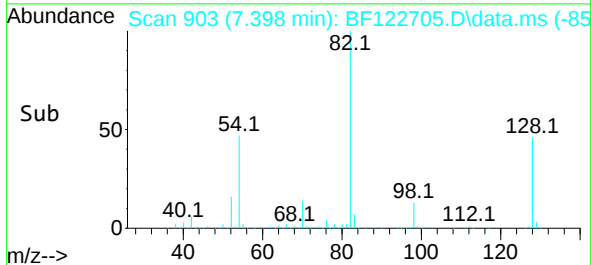
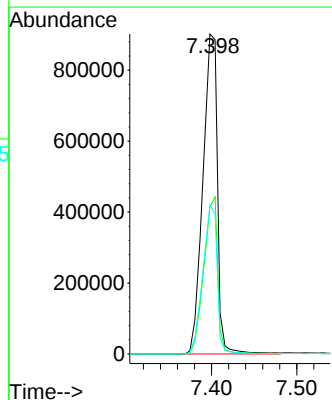
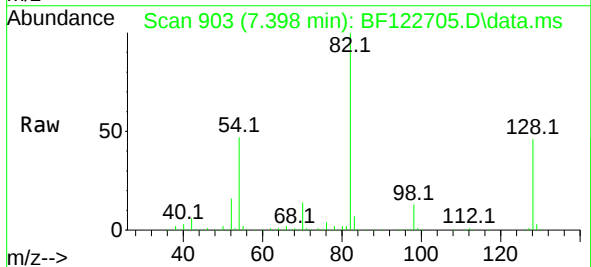


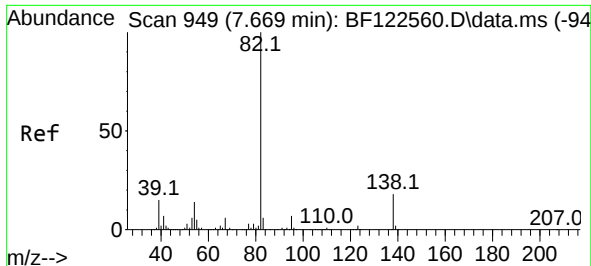
Tgt Ion:136 Resp: 629153
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 5.5 8.3
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 85.26 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

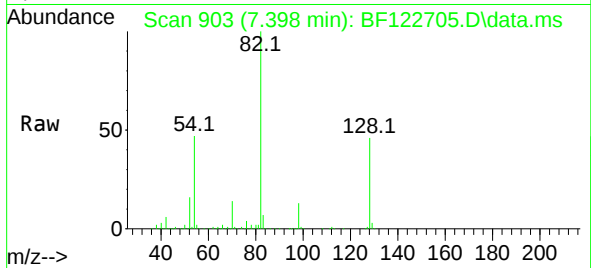
Tgt Ion: 82 Resp: 1070656
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 46.6 38.4 57.6



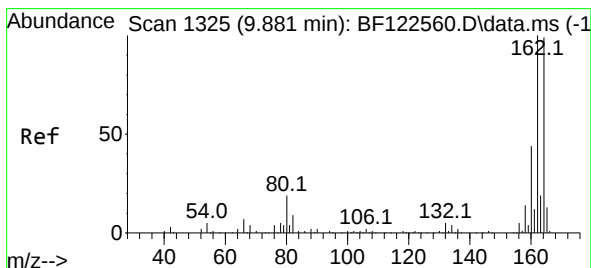
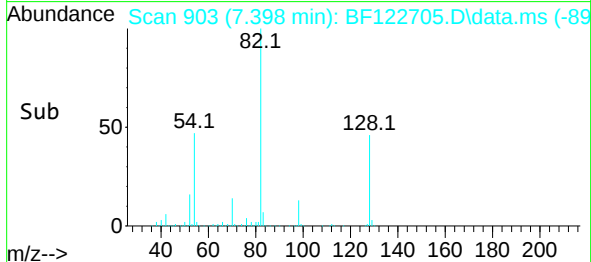
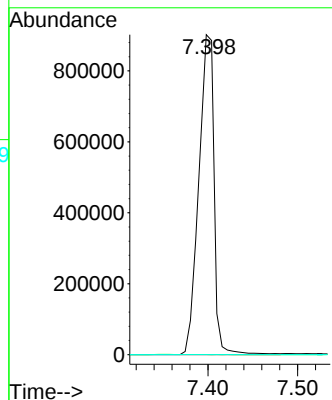


#25
Isophorone
Concen: 49.50 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

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BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

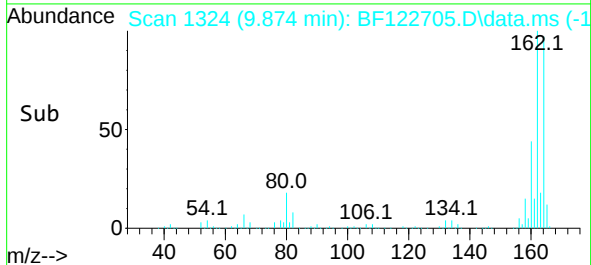
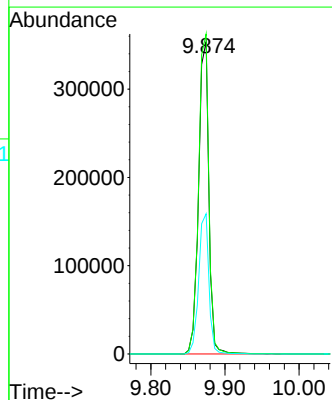
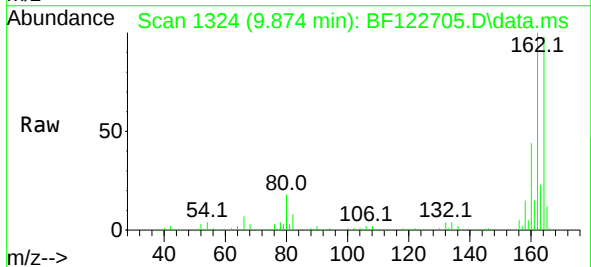


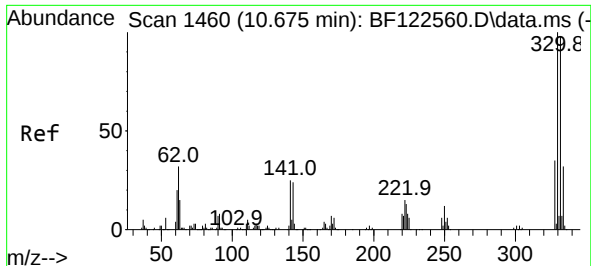
Tgt Ion: 82 Resp: 1070648
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

Tgt Ion: 164 Resp: 339218
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 44.9 35.4 53.0

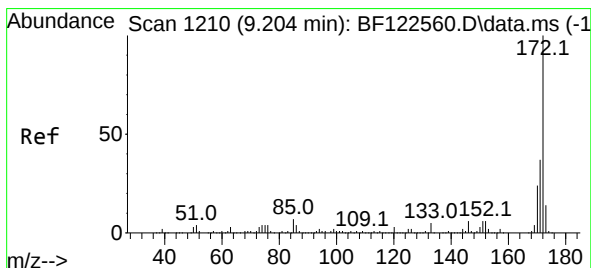
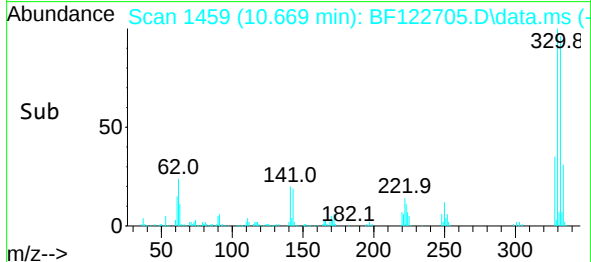
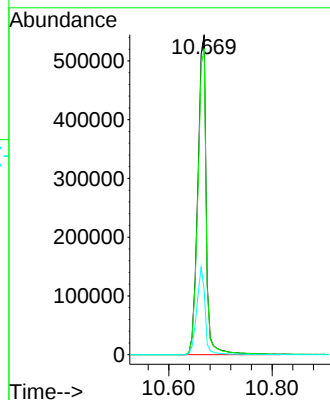
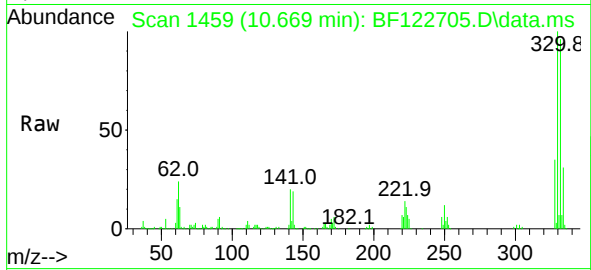




#42
 2,4,6-Tribromophenol
 Concen: 139.29 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. -0.006 min
 Lab File: BF122705.D
 Acq: 14 Dec 2020 14:46

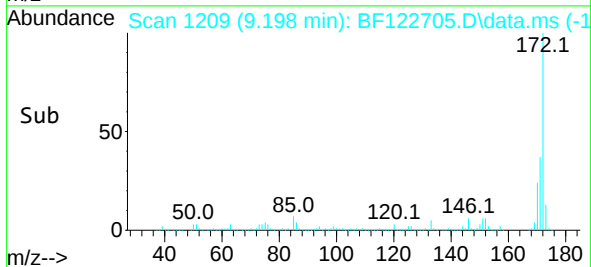
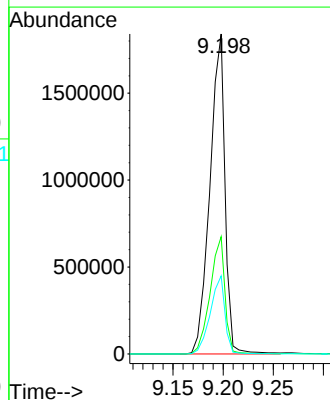
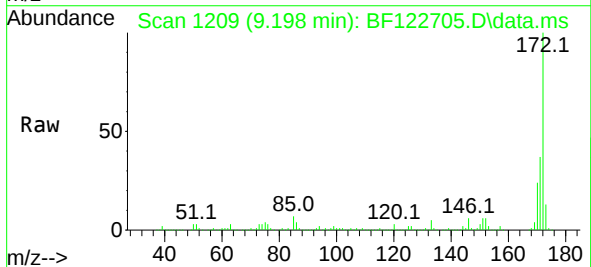
Instrument :
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 ClientSampleId :
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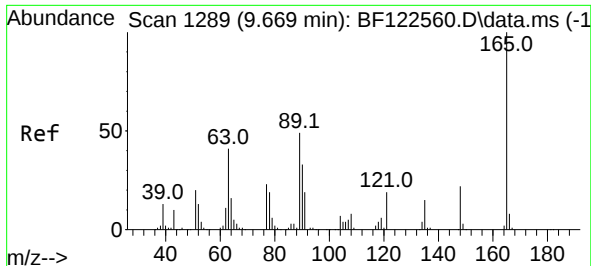
Tgt Ion: 330 Resp: 618482
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.5 116.3
 141 27.2 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 77.09 ng
 RT: 9.198 min Scan# 1209
 Delta R.T. -0.006 min
 Lab File: BF122705.D
 Acq: 14 Dec 2020 14:46

Tgt Ion: 172 Resp: 1933429
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.4 19.5 29.3

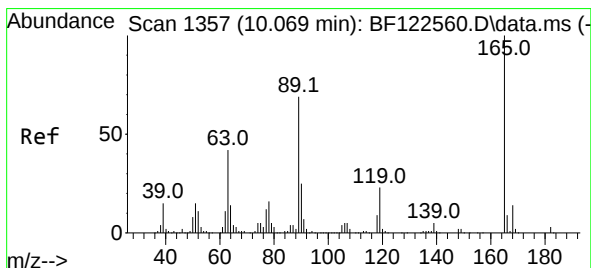
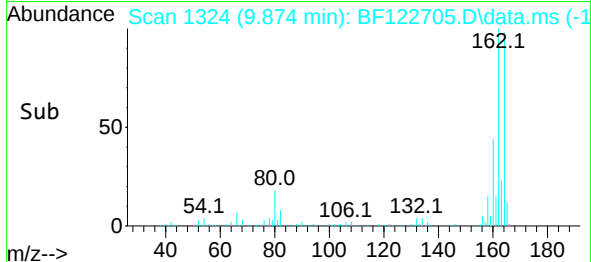
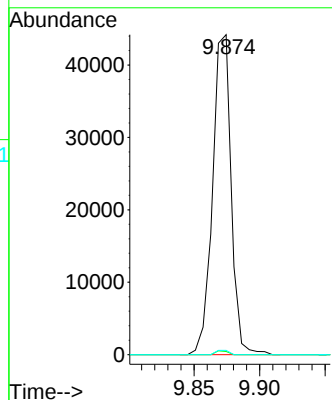
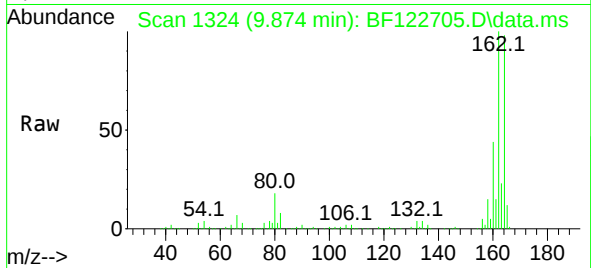




#51
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

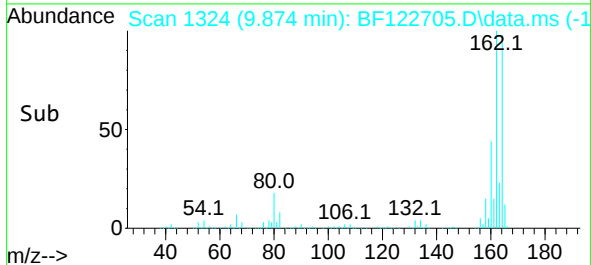
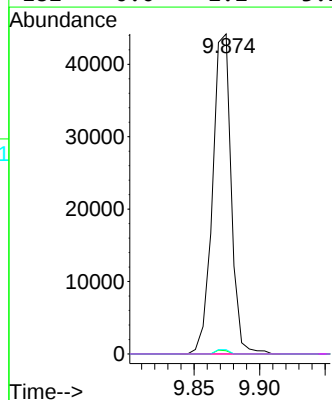
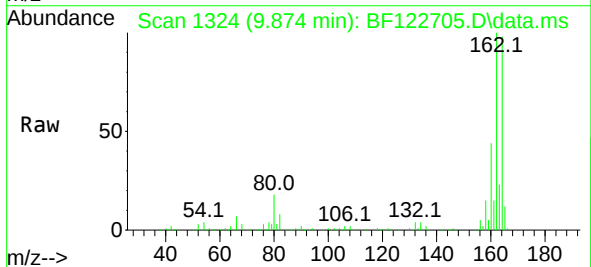
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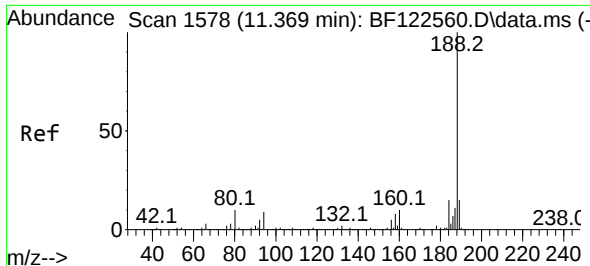
Tgt Ion:165 Resp: 43610
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.72 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

Tgt Ion:165 Resp: 43610
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

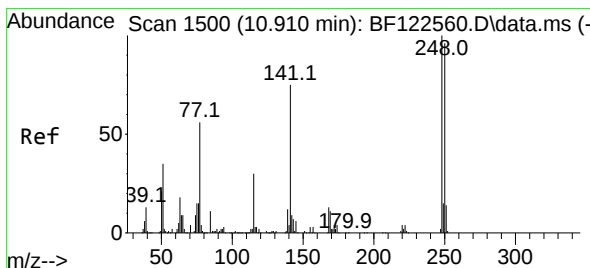
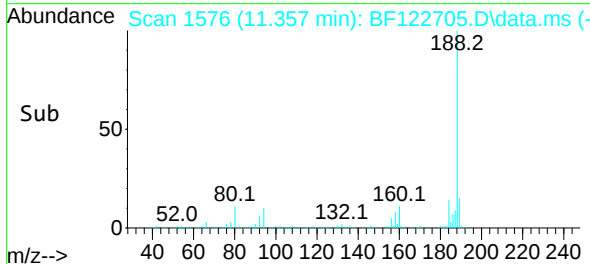
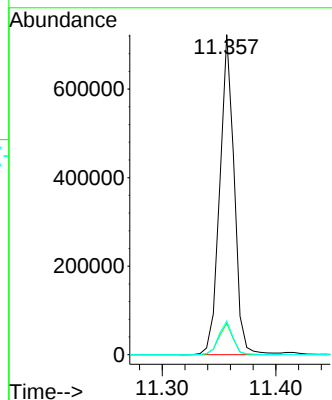
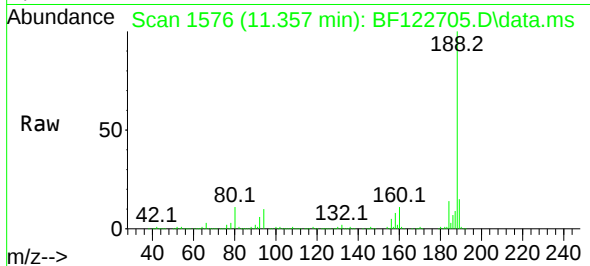




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

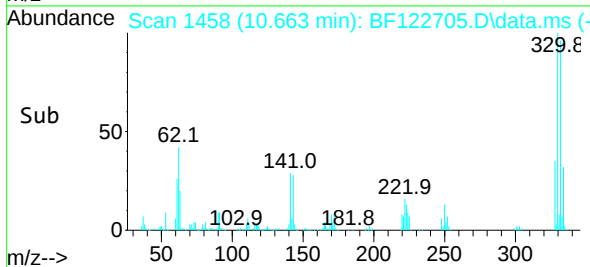
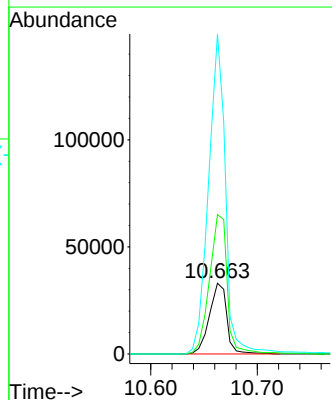
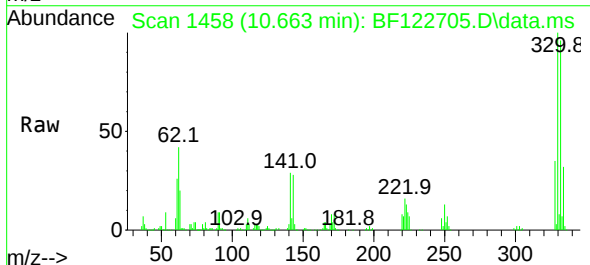
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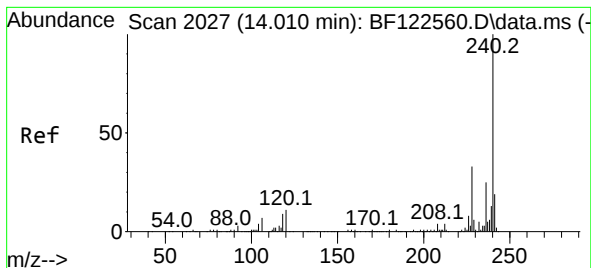
Tgt Ion:188 Resp: 638801
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 10.6 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

Tgt Ion:248 Resp: 37700
Ion Ratio Lower Upper
248 100
250 196.9 76.8 115.2#
141 452.2 59.8 89.8#

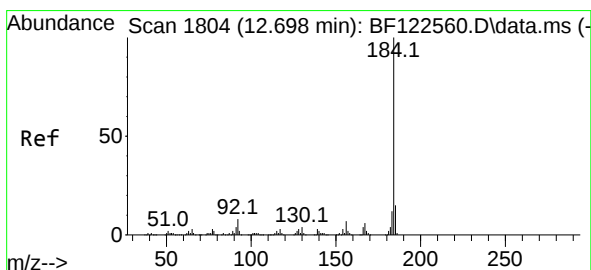
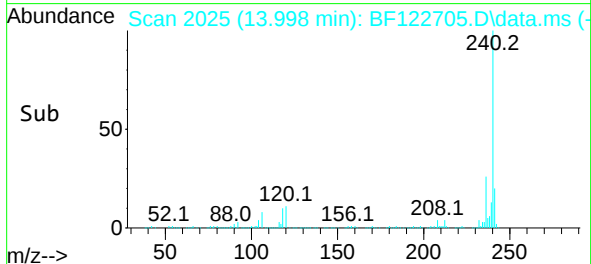
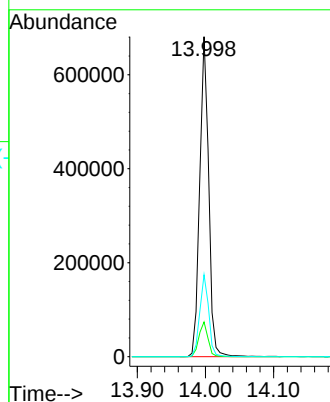
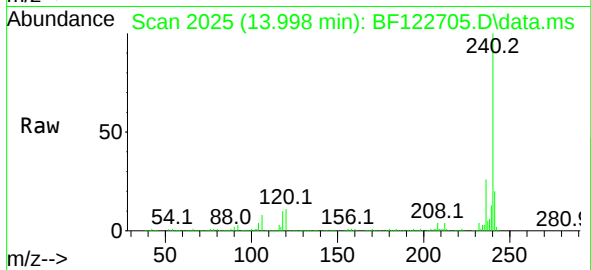




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

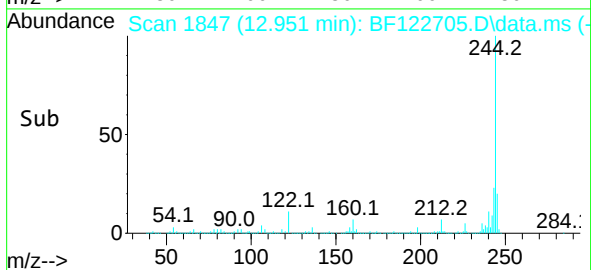
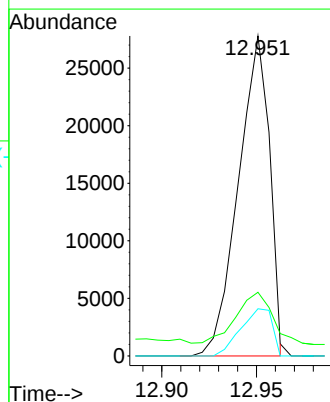
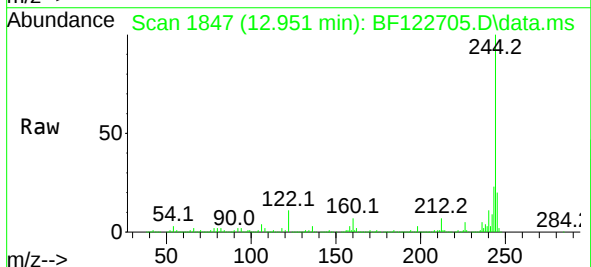
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

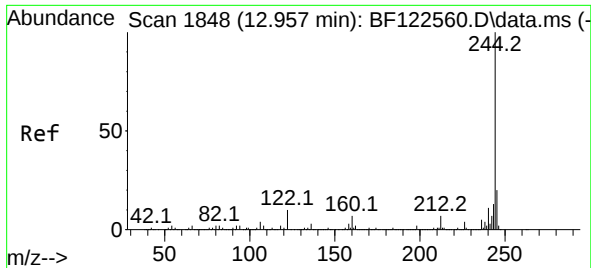
Tgt Ion:240 Resp: 624226
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.6 20.3 30.5



#77
Benidine
Concen: 2.35 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

Tgt Ion:184 Resp: 31776
Ion Ratio Lower Upper
184 100
185 19.9 11.8 17.6#
183 14.7 9.7 14.5#

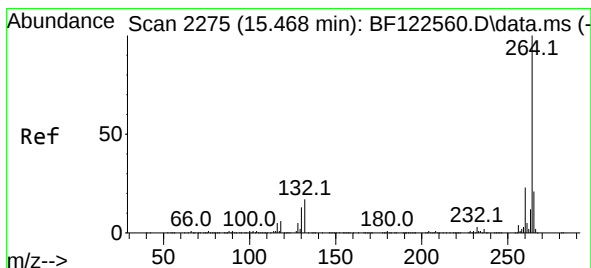
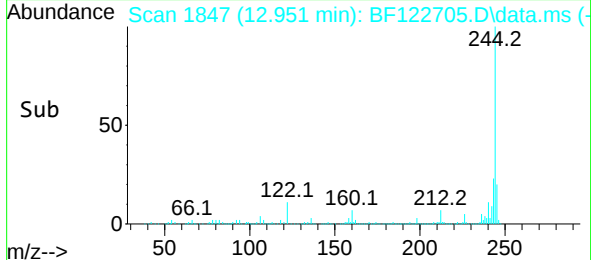
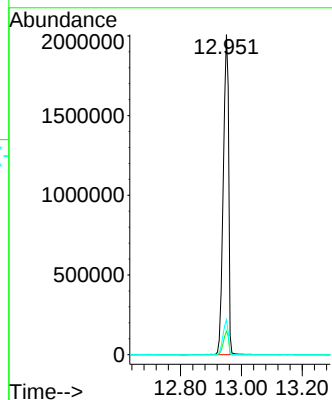
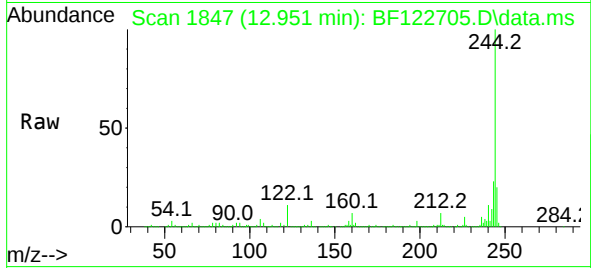




#79
Terphenyl-d14
Concen: 69.01 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122705.D
Acq: 14 Dec 2020 14:46

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-0203-0-15

Tgt Ion:244 Resp: 2461029
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.0 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: BF122705.D
Acq: 14 Dec 2020 14:46

Tgt Ion:264 Resp: 622104
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.1 17.0 25.6

