

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122704.D
 Acq On : 14 Dec 2020 14:14
 Operator : JU/CG
 Sample : L5065-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-S-SB-01-0-52

Quant Time: Dec 14 16:55:06 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)

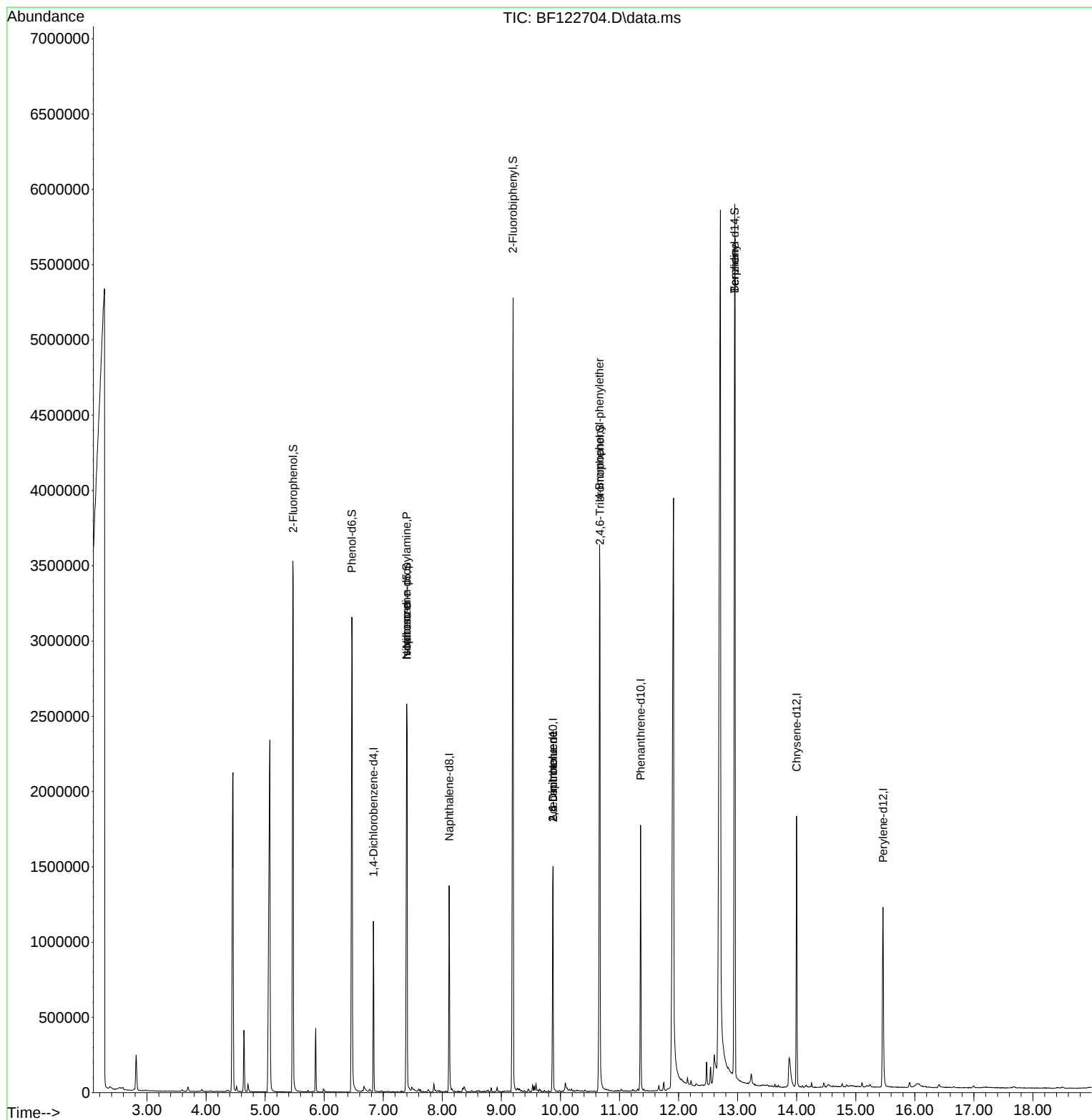
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	159285	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	629411	20.00	ng	-0.01
39) Acenaphthene-d10	9.875	164	336141	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	641270	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	625928	20.00	ng	-0.01
86) Perylene-d12	15.462	264	603169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1203657	119.63	ng	0.02
7) Phenol-d6	6.469	99	1431224	107.26	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1046915	83.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	636568	144.68	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1946680	78.33	ng	0.00
79) Terphenyl-d14	12.951	244	2454981	68.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	139338	18.23	ng	Qvalue # 78
25) Isophorone	7.398	82	1046899	48.38	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	44096	7.78	ng	# 31
57) 2,4-Dinitrotoluene	9.875	165	44096	5.84	ng	# 26
67) 4-Bromophenyl-phenylether	10.663	248	39265	4.52	ng	# 1
77) Benzidine	12.951	184	32509	2.40	ng	# 89

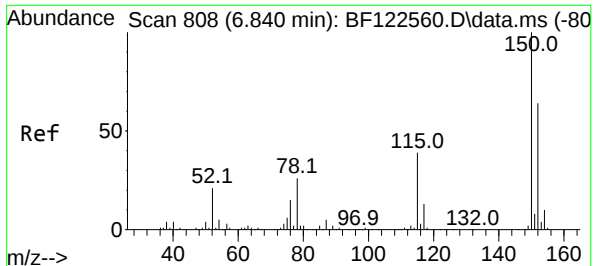
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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QLast Update : Mon Dec 07 12:08:49 2020
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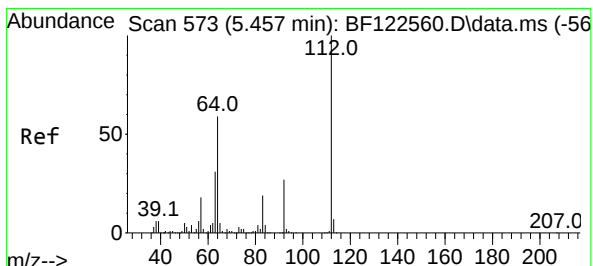
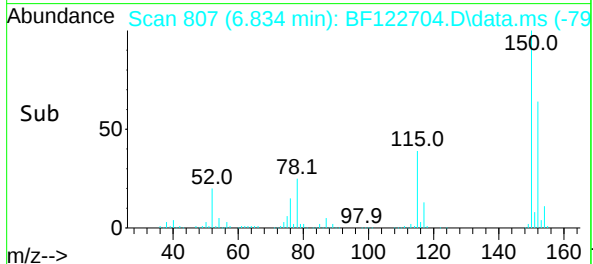
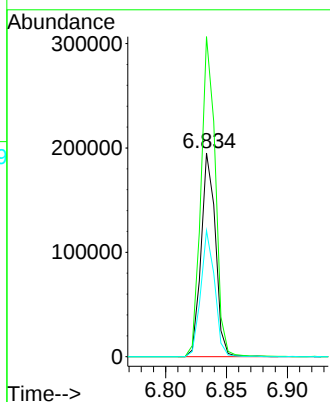
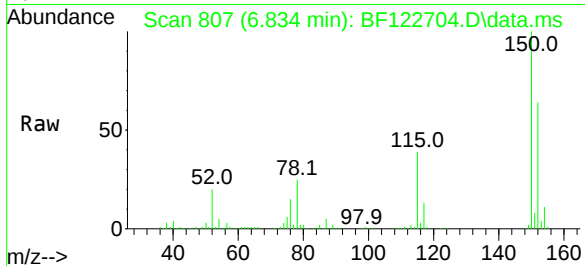




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

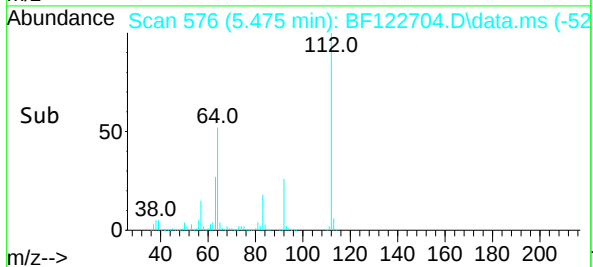
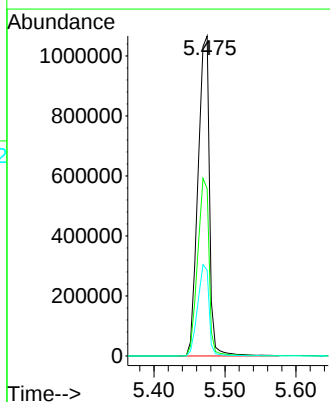
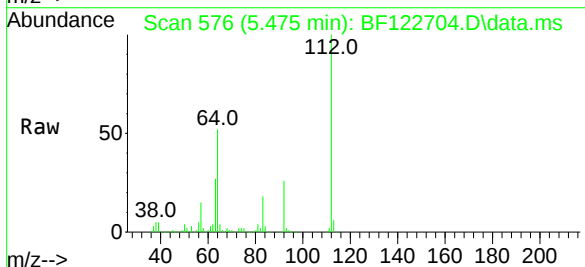
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion:152 Resp: 159285
Ion Ratio Lower Upper
152 100
150 157.1 125.8 188.6
115 61.9 49.3 73.9



#5
2-Fluorophenol
Concen: 119.63 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.018 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Tgt Ion:112 Resp: 1203657
Ion Ratio Lower Upper
112 100
64 52.3 46.9 70.3
63 26.8 24.5 36.7



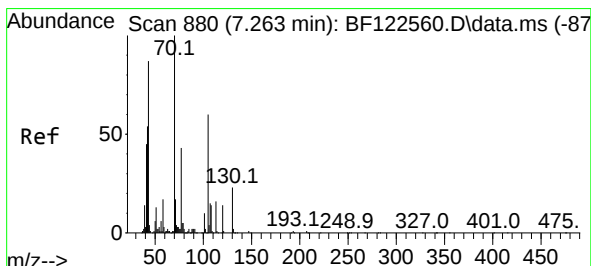
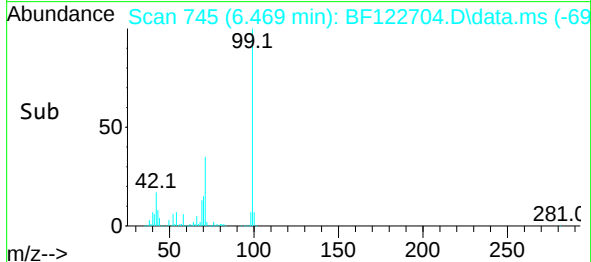
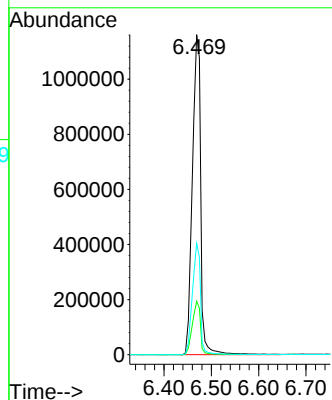
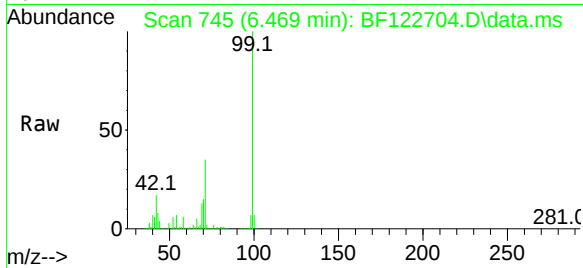


#7
Phenol-d6
Concen: 107.26 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion: 99 Resp: 1431224

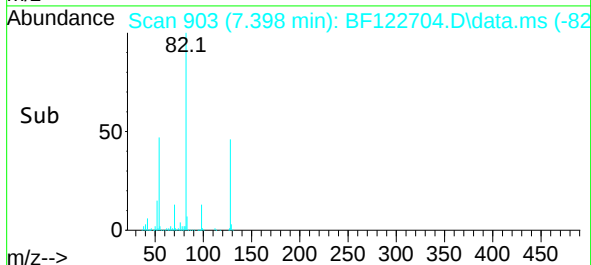
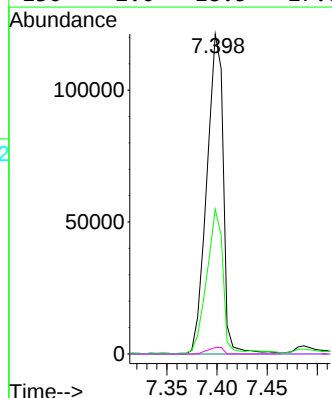
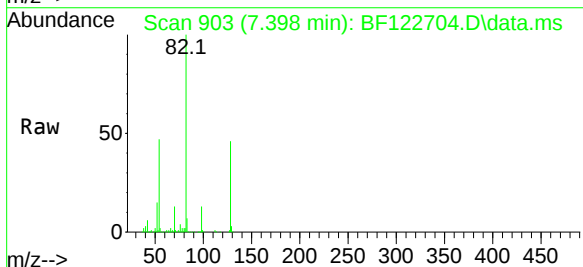
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	34.8	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.23 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Tgt Ion: 70 Resp: 139338

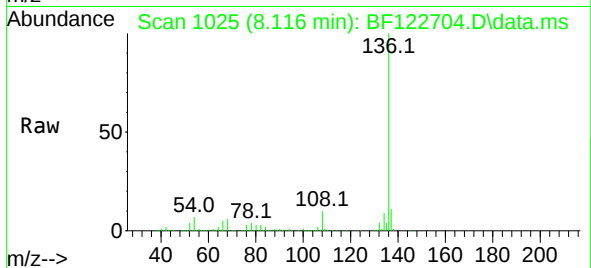
Ion	Ratio	Lower	Upper
70	100		
42	45.2	43.0	64.4
101	0.0	7.9	11.9#
130	2.0	18.5	27.7#



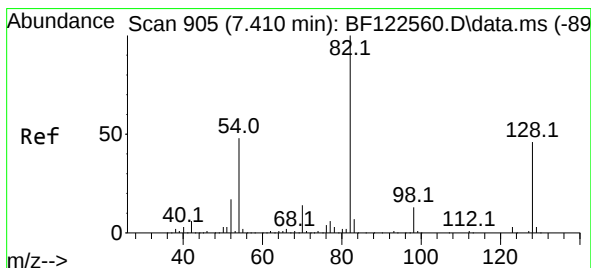
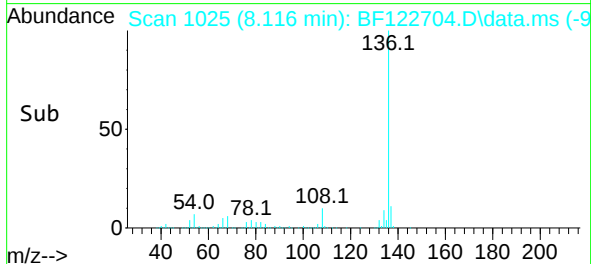
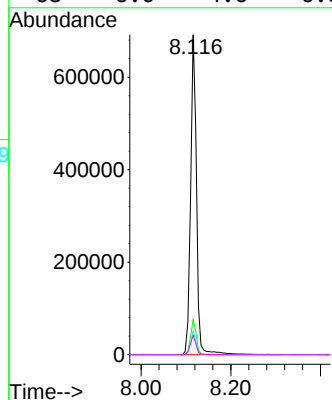


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-01-0-52

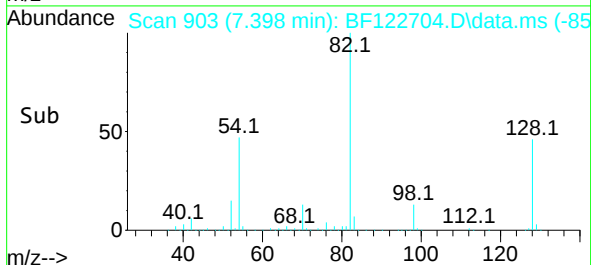
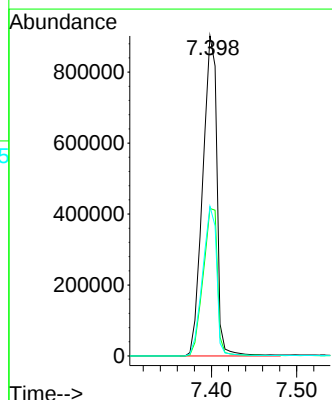
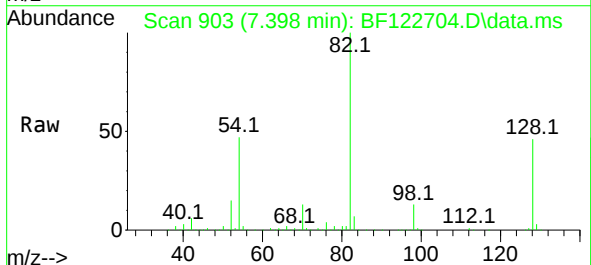


Tgt Ion:136 Resp: 629411
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 5.5 8.3
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.34 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

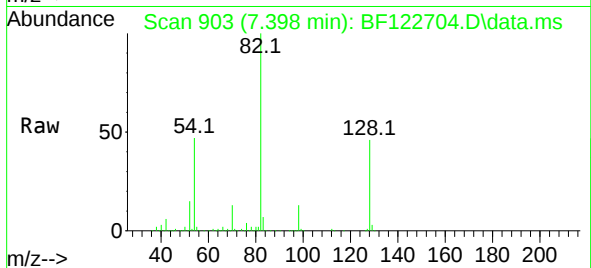
Tgt Ion: 82 Resp: 1046915
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 46.8 38.4 57.6



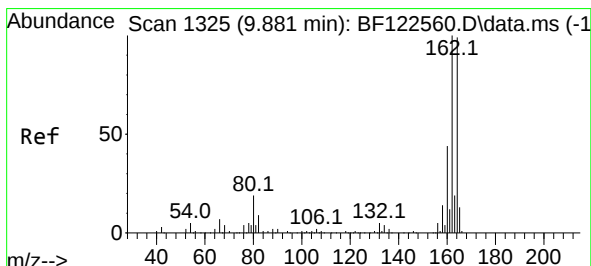
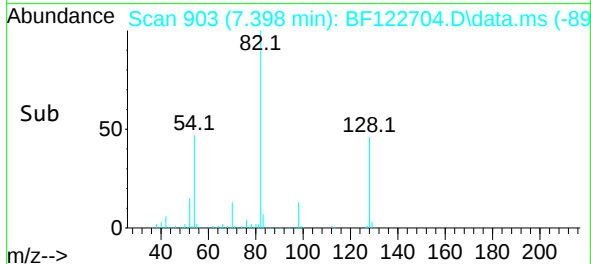
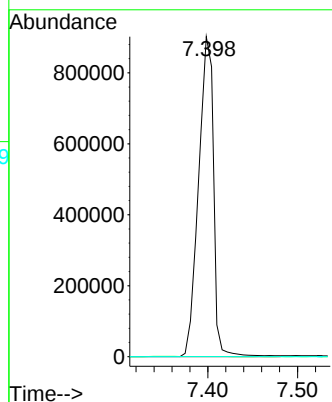


#25
Isophorone
Concen: 48.38 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-01-0-52

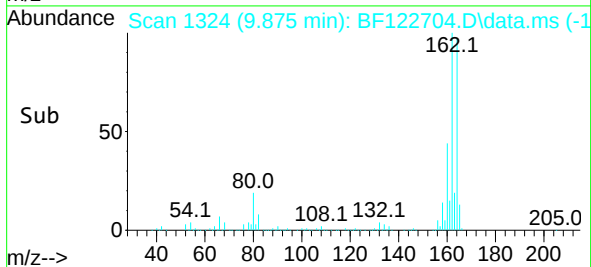
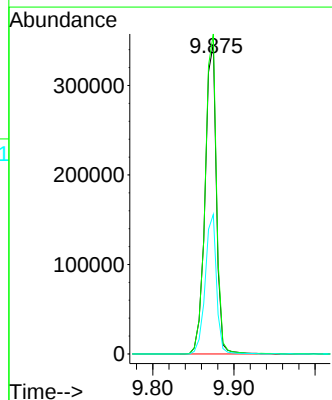
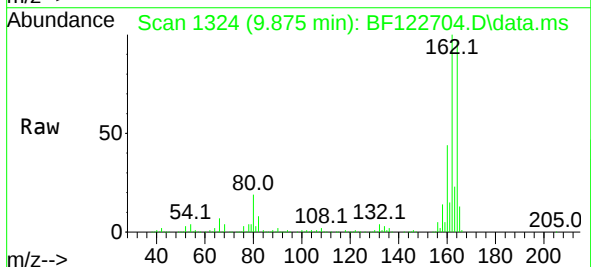


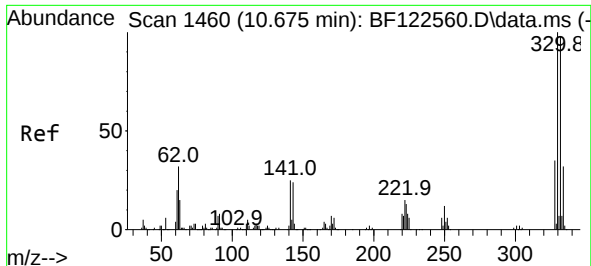
Tgt Ion: 82 Resp: 1046899
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Tgt Ion: 164 Resp: 336141
Ion Ratio Lower Upper
164 100
162 103.2 80.8 121.2
160 45.0 35.4 53.0

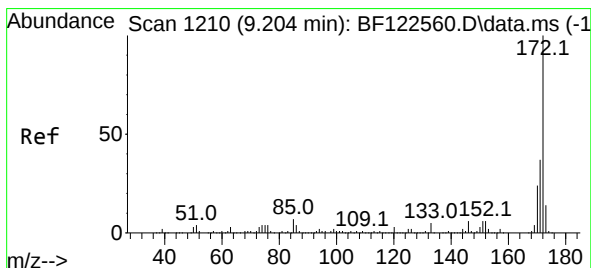
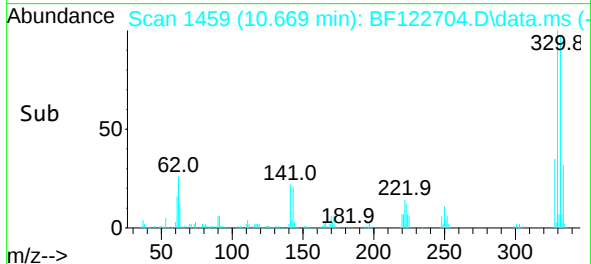
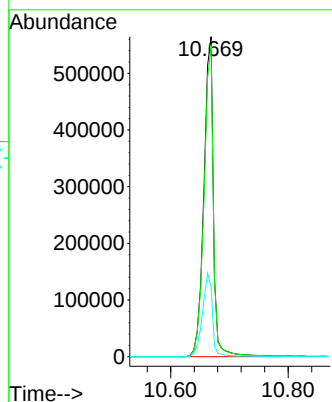
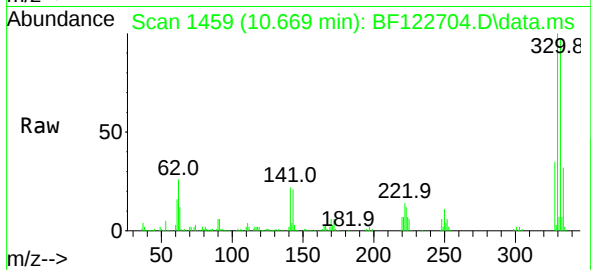




#42
2,4,6-Tribromophenol
Concen: 144.68 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

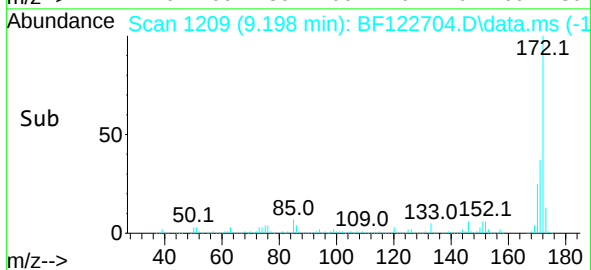
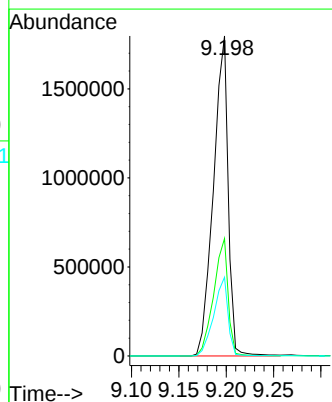
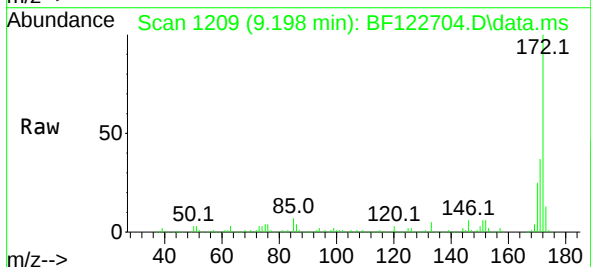
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-01-0-52

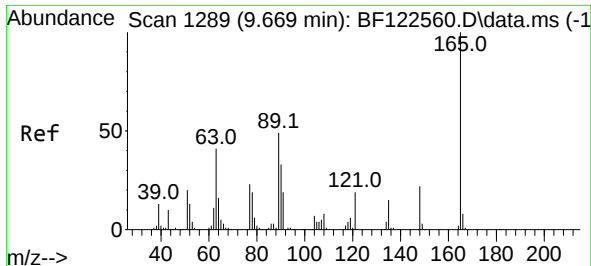
Tgt Ion:330 Resp: 636568
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 27.3 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 78.33 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Tgt Ion:172 Resp: 1946680
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.6 19.5 29.3

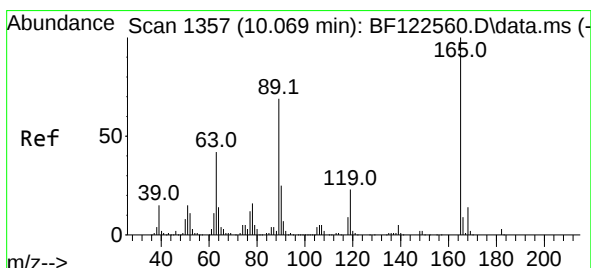
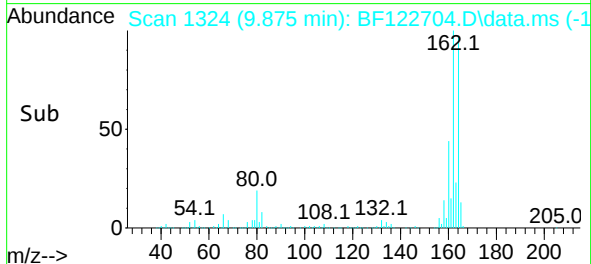
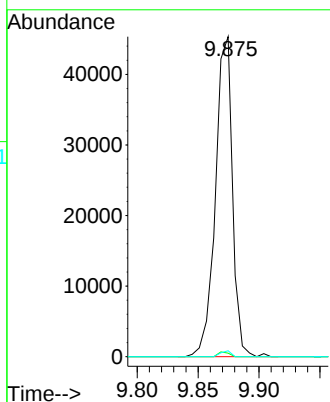
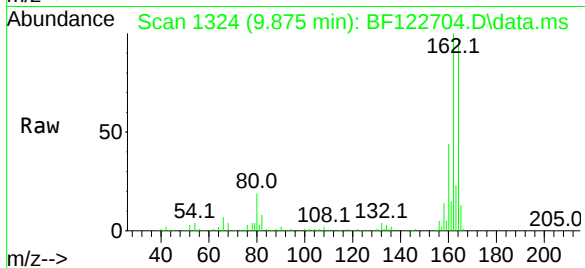




#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

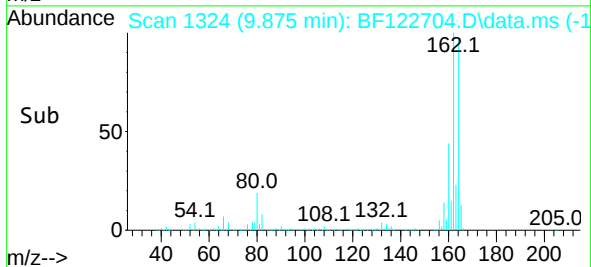
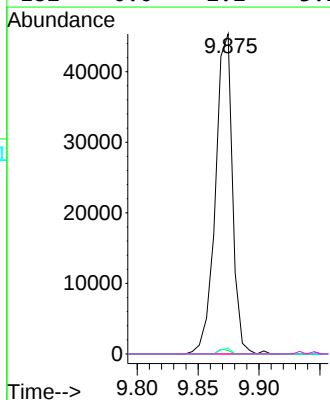
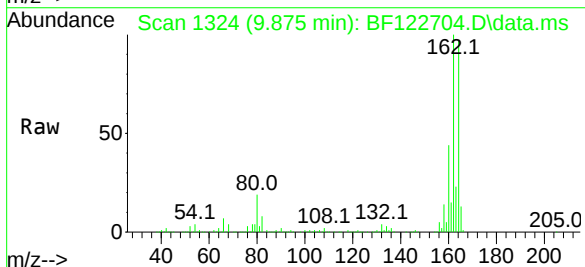
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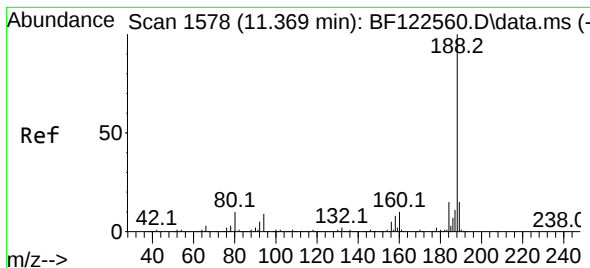
Tgt Ion:165 Resp: 44096
Ion Ratio Lower Upper
165 100
63 1.1 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Tgt Ion:165 Resp: 44096
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

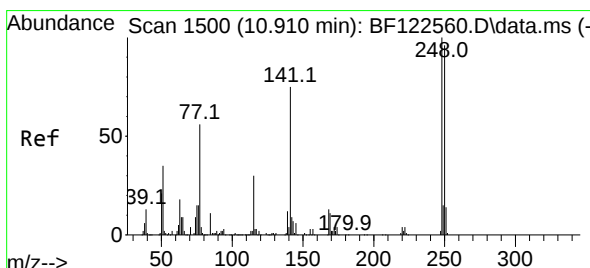
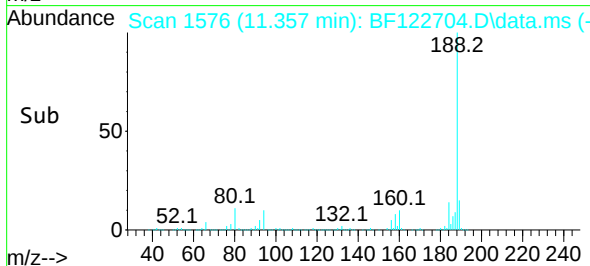
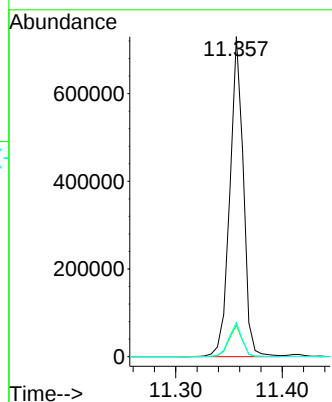
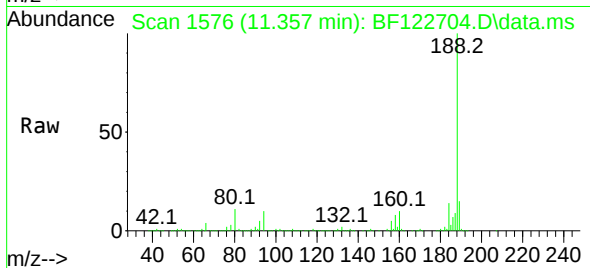




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

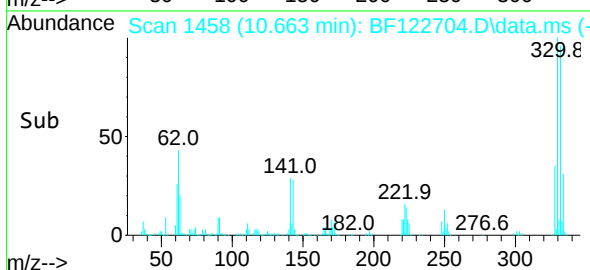
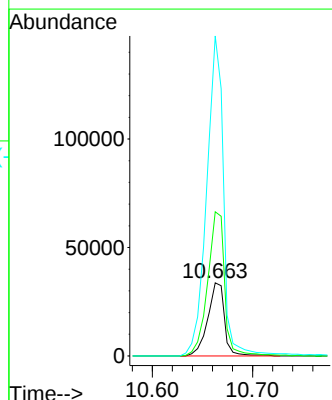
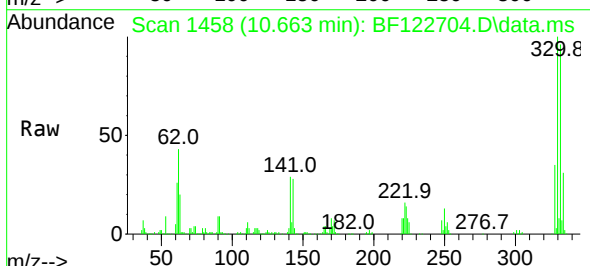
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JBD-WC-S-SB-01-0-52

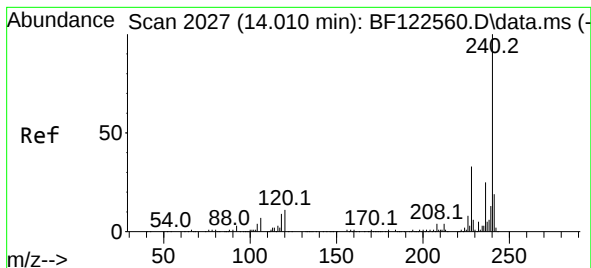
Tgt Ion:188 Resp: 641270
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.7 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Tgt Ion:248 Resp: 39265
Ion Ratio Lower Upper
248 100
250 197.1 76.8 115.2#
141 437.2 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: BF122704.D

Acq: 14 Dec 2020 14:14

Tgt Ion:240 Resp: 625928

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

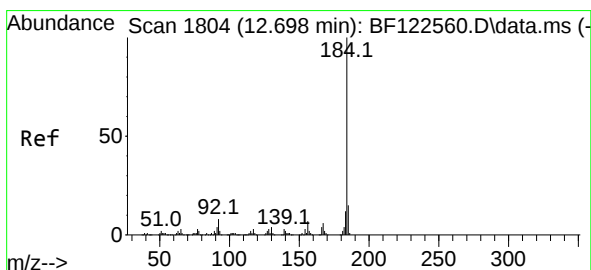
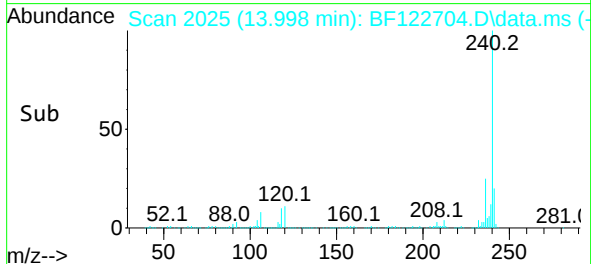
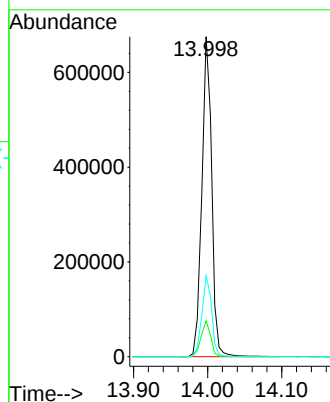
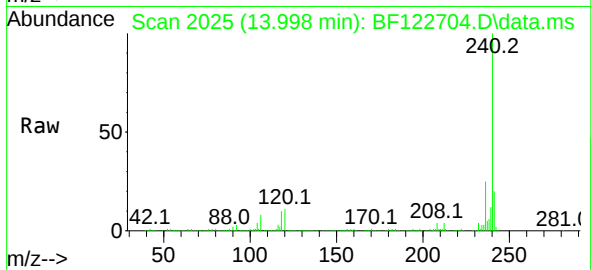
236 25.2 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

JBD-WC-S-SB-01-0-52



#77

Benzidine

Concen: 2.40 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF122704.D

Acq: 14 Dec 2020 14:14

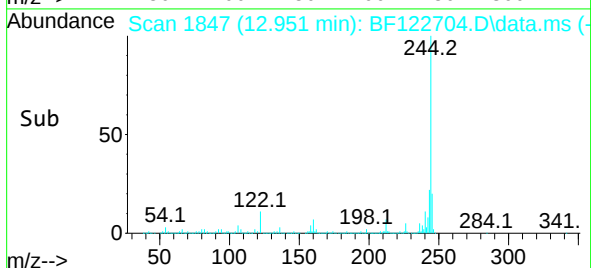
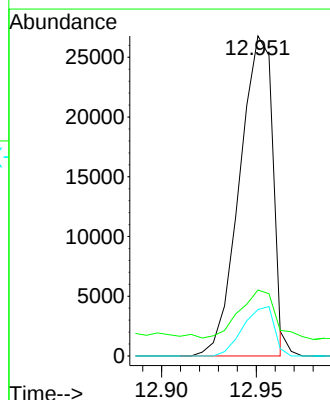
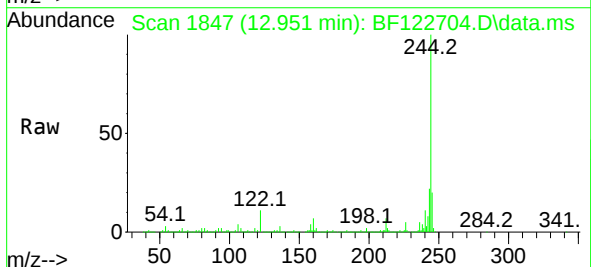
Tgt Ion:184 Resp: 32509

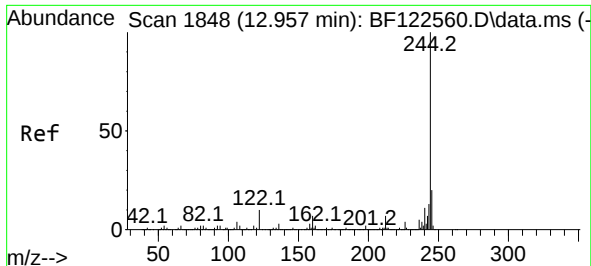
Ion Ratio Lower Upper

184 100

185 20.6 11.8 17.6#

183 14.5 9.7 14.5

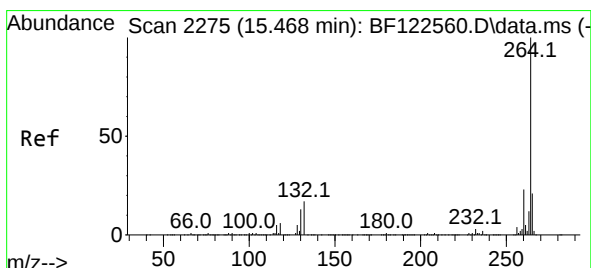
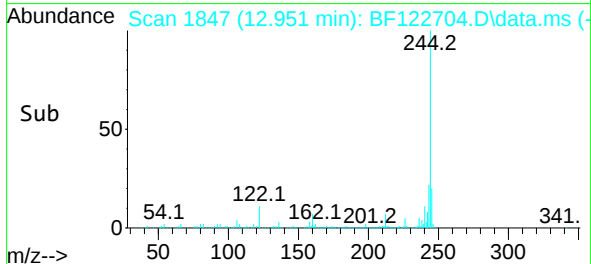
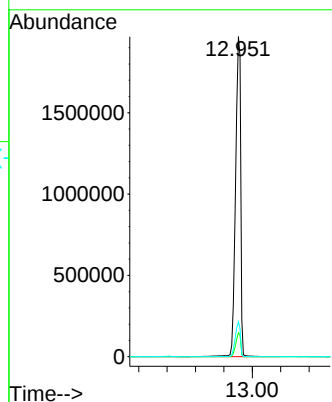
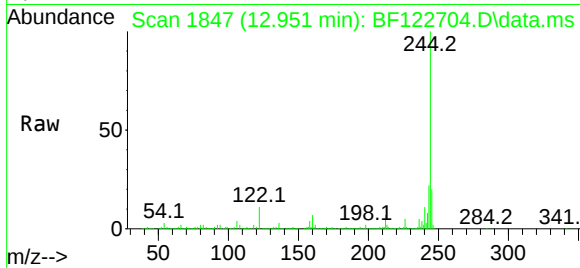




#79
Terphenyl-d14
Concen: 68.65 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122704.D
Acq: 14 Dec 2020 14:14

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-SB-01-0-52

Tgt Ion:244 Resp: 2454981
Ion Ratio Lower Upper
244 100
212 7.4 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: BF122704.D
Acq: 14 Dec 2020 14:14

Tgt Ion:264 Resp: 603169
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.4 17.0 25.6

