

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122706.D
 Acq On : 14 Dec 2020 15:17
 Operator : JU/CG
 Sample : L5065-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JBD-WC-S-IB-0809A-0-6

Quant Time: Dec 14 16:55:38 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

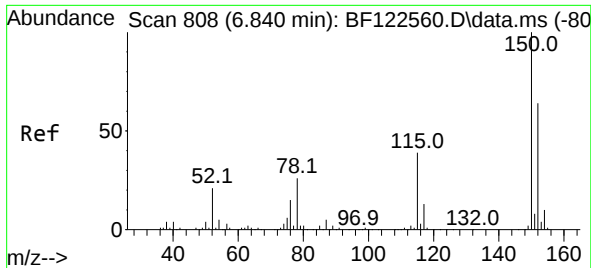
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	164150	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	642670	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	342273	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	644339	20.00	ng	-0.01
76) Chrysene-d12	13.998	240	630758	20.00	ng	-0.01
86) Perylene-d12	15.462	264	616575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1190430	114.81	ng	0.02
7) Phenol-d6	6.469	99	1345223	97.83	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1069459	83.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	601353	134.22	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1924713	76.06	ng	0.00
79) Terphenyl-d14	12.951	244	2351268	65.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	143148	18.17	ng	# 78
25) Isophorone	7.398	82	1069452	48.41	ng	# 65
51) 2,6-Dinitrotoluene	9.874	165	44939	7.78	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	44939	5.84	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	36970	4.23	ng	# 1
77) Benzidine	12.951	184	30077	2.20	ng	# 90

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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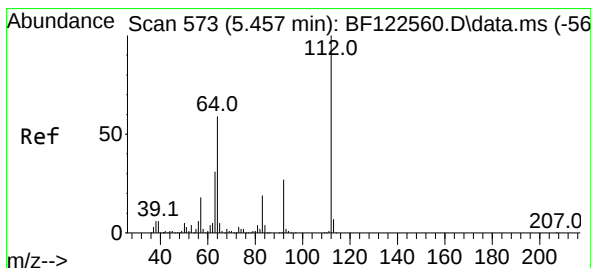
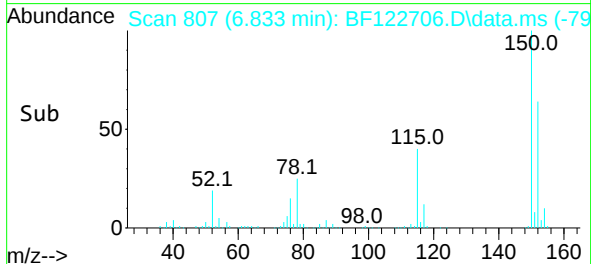
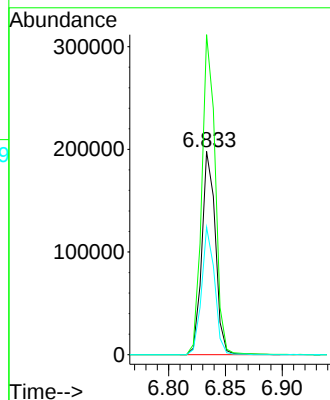
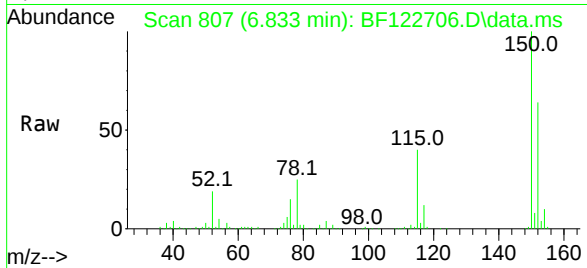




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

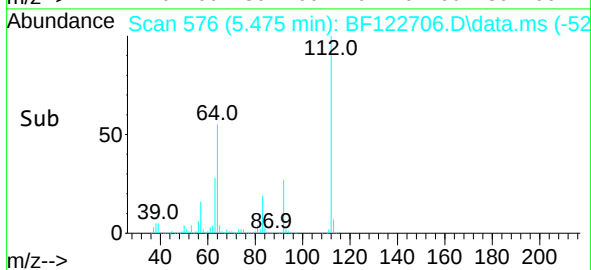
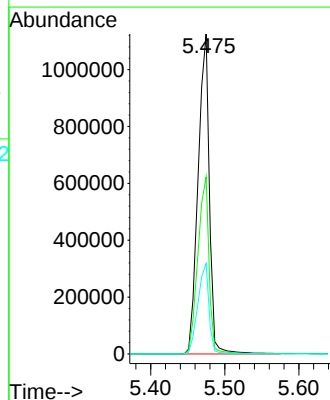
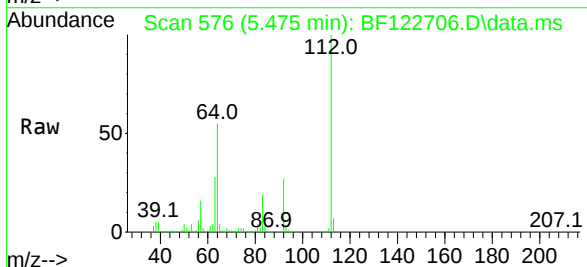
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion:152 Resp: 164150
Ion Ratio Lower Upper
152 100
150 157.5 125.8 188.6
115 62.7 49.3 73.9



#5
2-Fluorophenol
Concen: 114.81 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.017 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion:112 Resp: 1190430
Ion Ratio Lower Upper
112 100
64 55.3 46.9 70.3
63 28.3 24.5 36.7



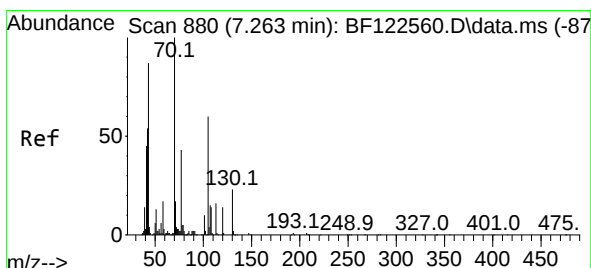
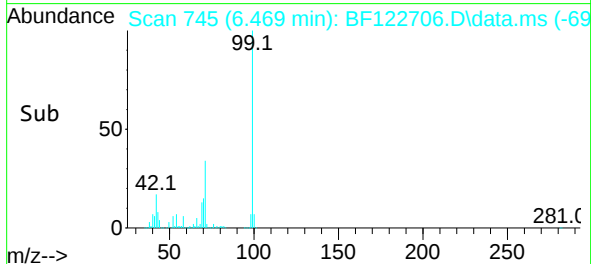
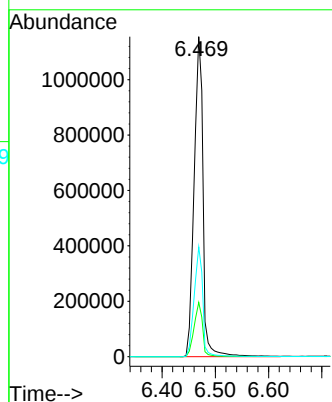
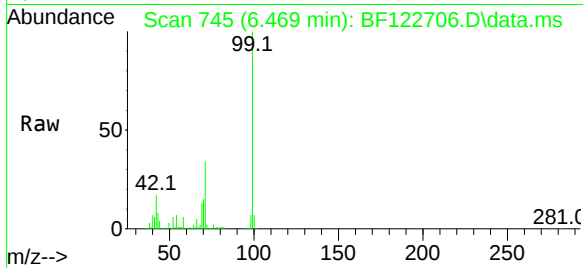


#7
Phenol-d6
Concen: 97.83 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion: 99 Resp: 1345223

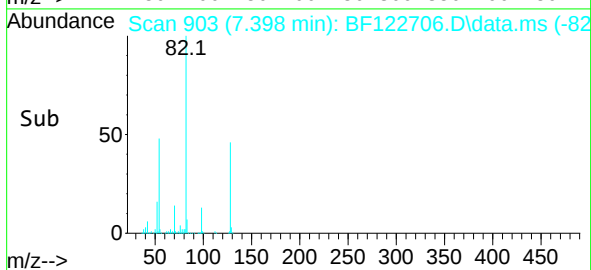
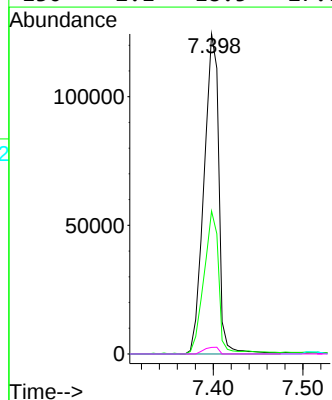
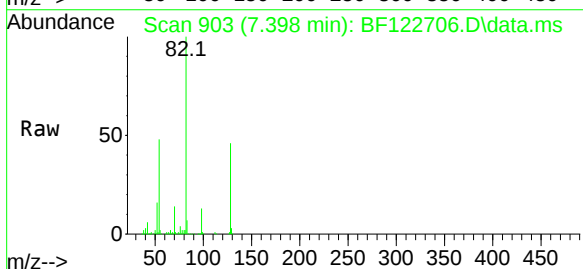
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.6
71	34.3	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.17 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion: 70 Resp: 143148

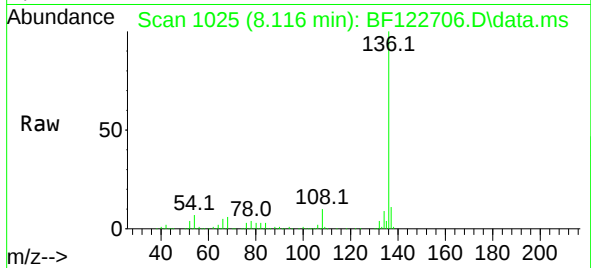
Ion	Ratio	Lower	Upper
70	100		
42	44.6	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



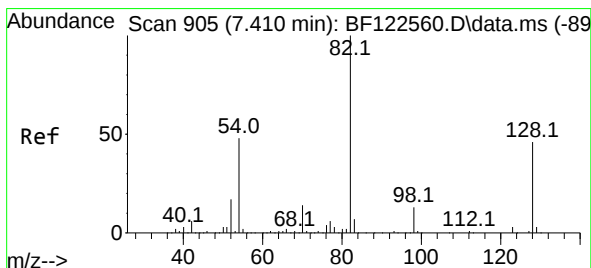
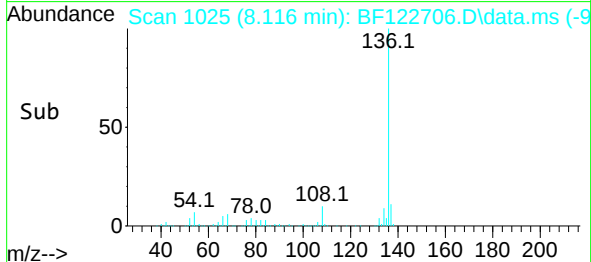
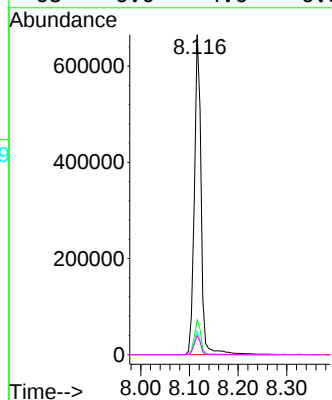


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

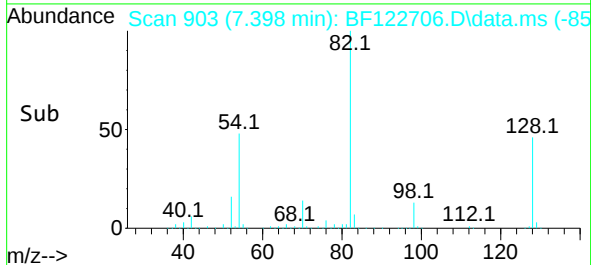
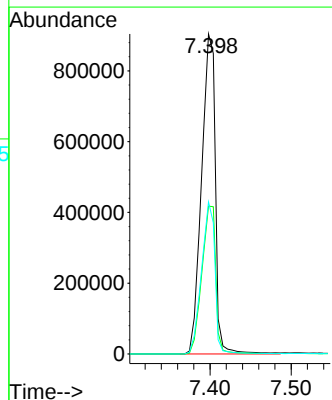
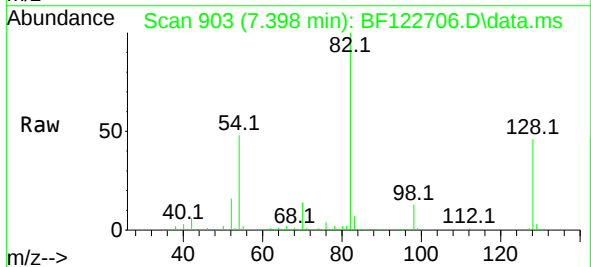


Tgt Ion:136 Resp: 642670
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.4 5.5 8.3
68 6.0 4.6 6.8



#23
Nitrobenzene-d5
Concen: 83.37 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

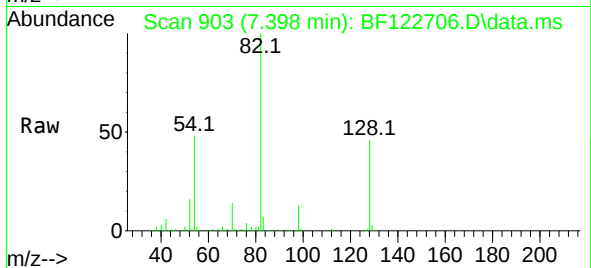
Tgt Ion: 82 Resp: 1069459
Ion Ratio Lower Upper
82 100
128 46.2 37.0 55.4
54 47.5 38.4 57.6



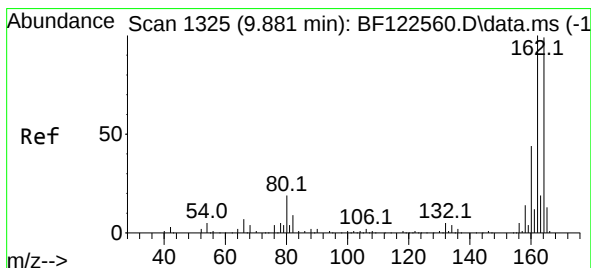
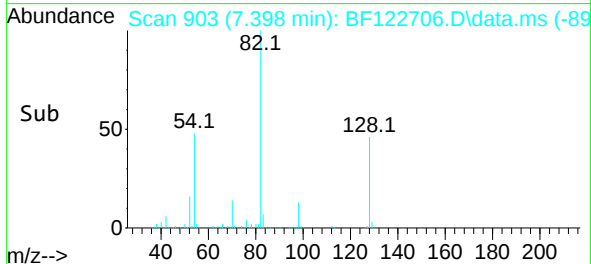
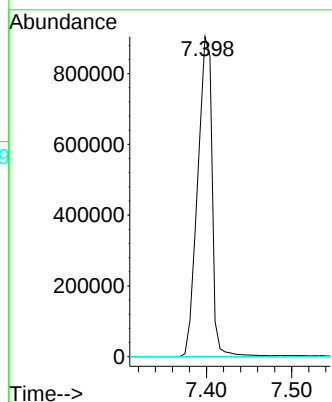


#25
Isophorone
Concen: 48.41 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

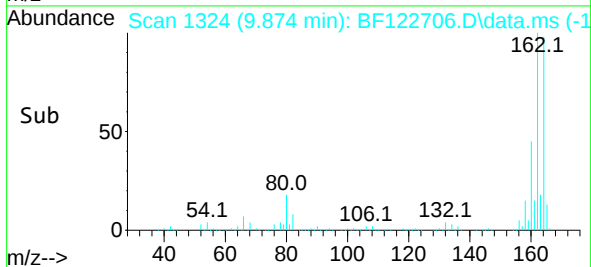
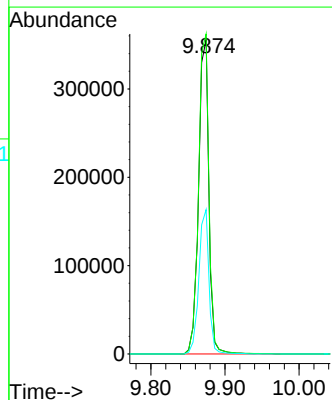
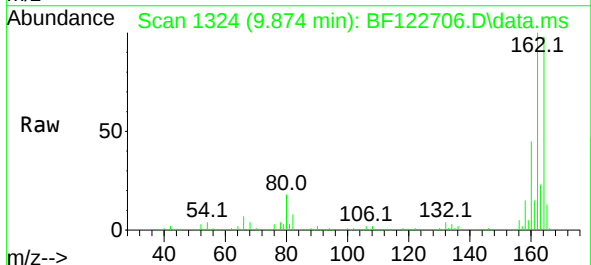


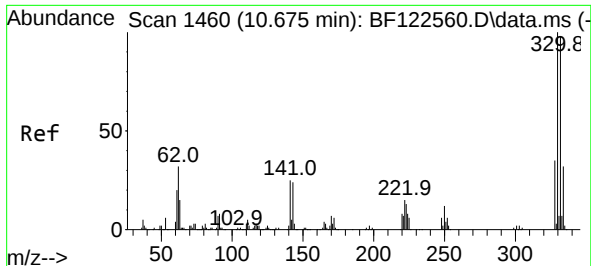
Tgt Ion: 82 Resp: 1069452
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion: 164 Resp: 342273
Ion Ratio Lower Upper
164 100
162 101.8 80.8 121.2
160 45.9 35.4 53.0

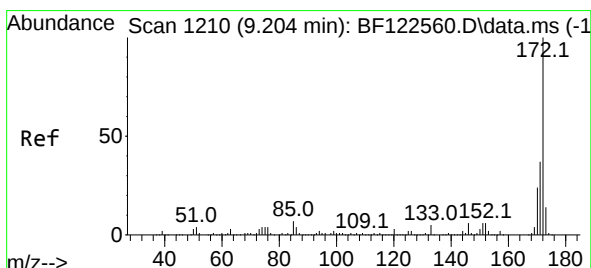
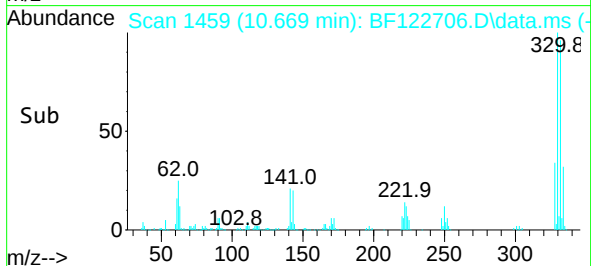
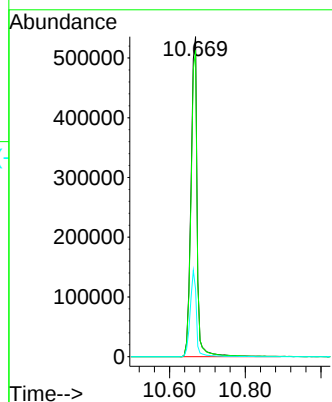
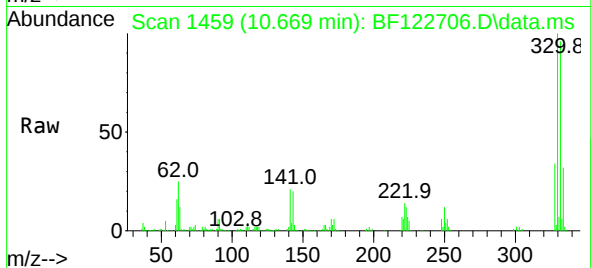




#42
2,4,6-Tribromophenol
Concen: 134.22 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

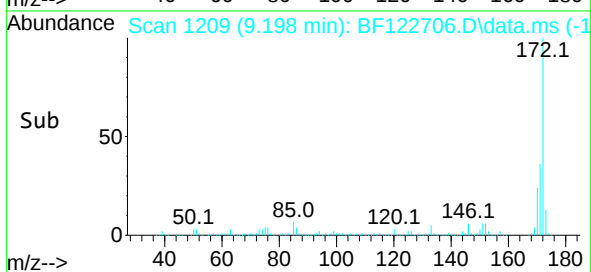
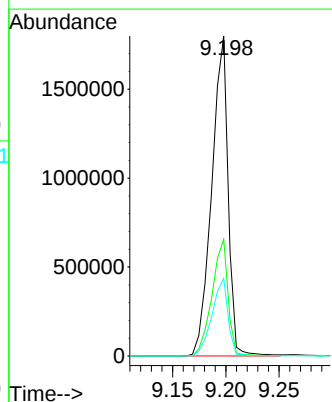
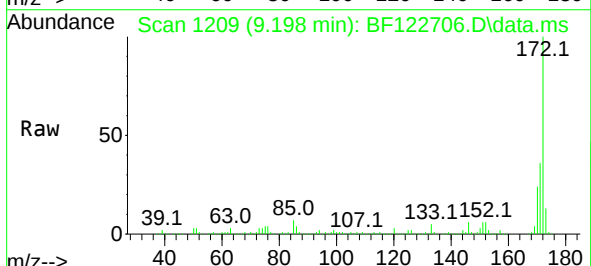
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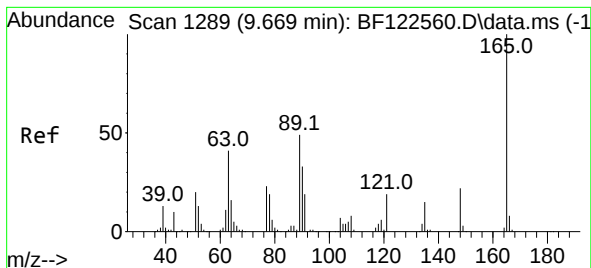
Tgt Ion: 330 Resp: 601353
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 27.2 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 76.06 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion: 172 Resp: 1924713
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.5 29.3

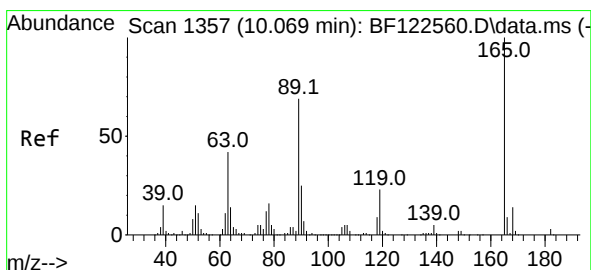
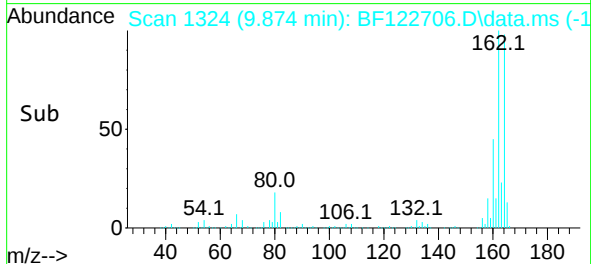
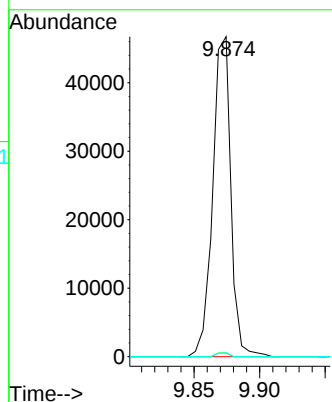
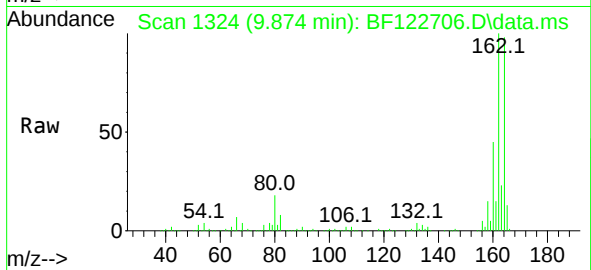




#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

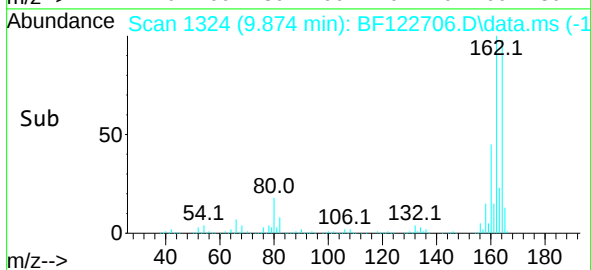
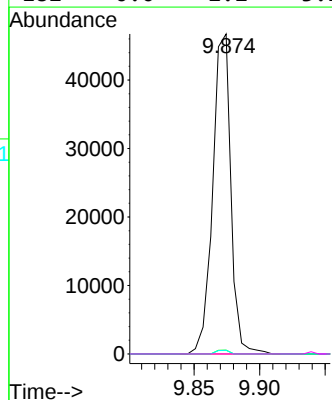
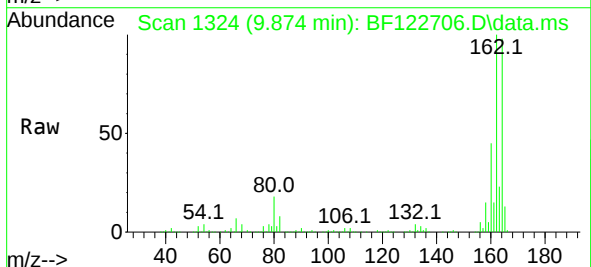
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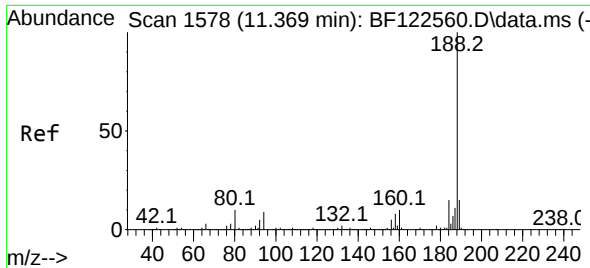
Tgt Ion:165 Resp: 44939
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion:165 Resp: 44939
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

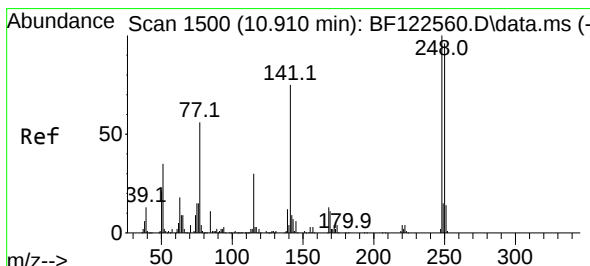
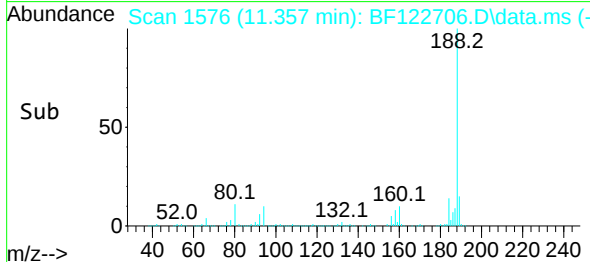
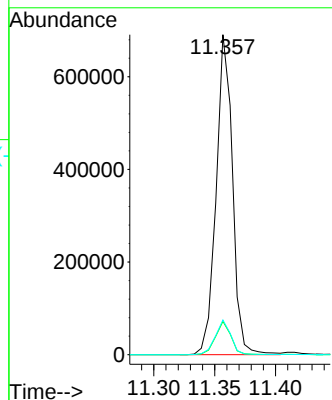
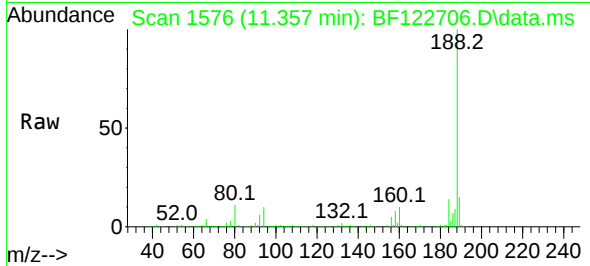




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

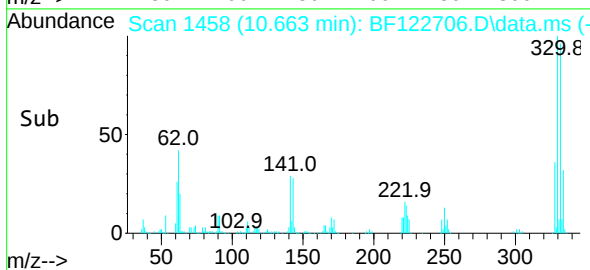
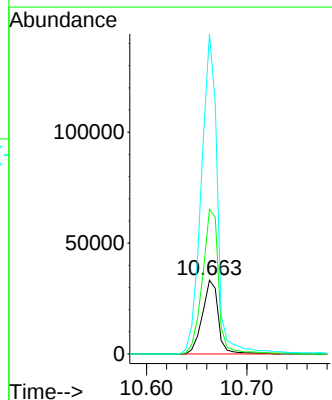
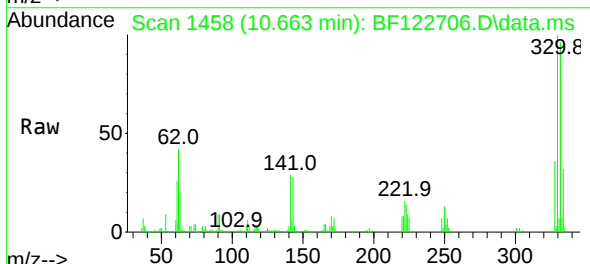
Instrument :
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JBD-WC-S-IB-0809A-0-6

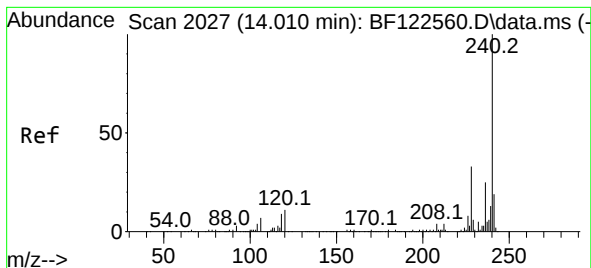
Tgt Ion:188 Resp: 644339
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion:248 Resp: 36970
Ion Ratio Lower Upper
248 100
250 196.0 76.8 115.2#
141 433.3 59.8 89.8#

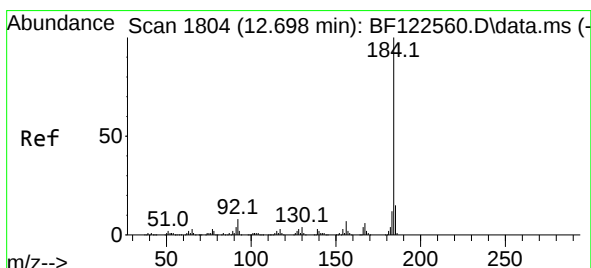
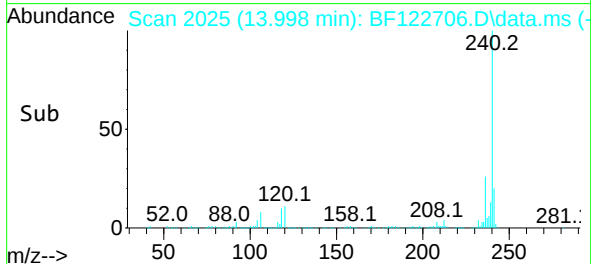
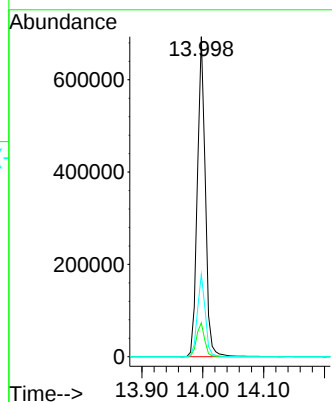
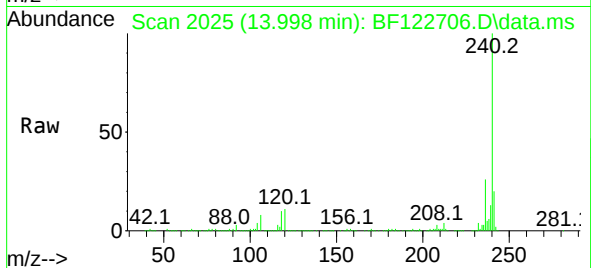




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

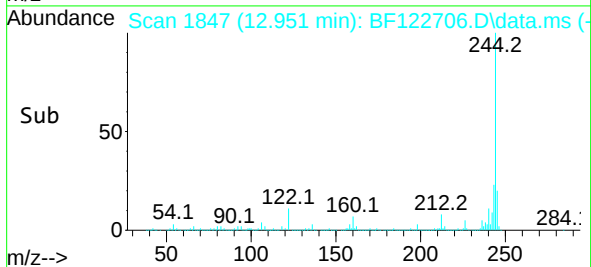
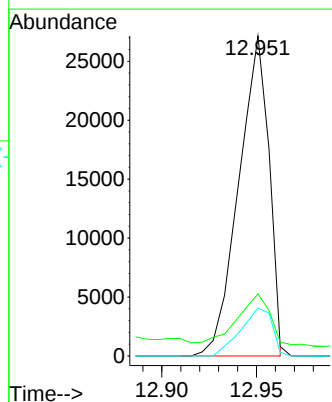
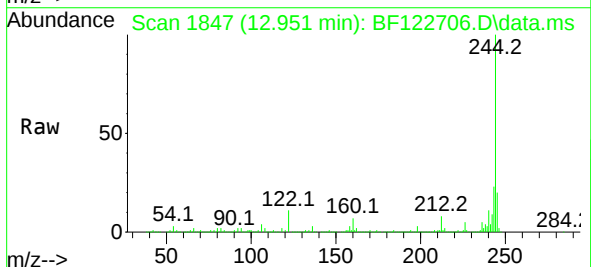
Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

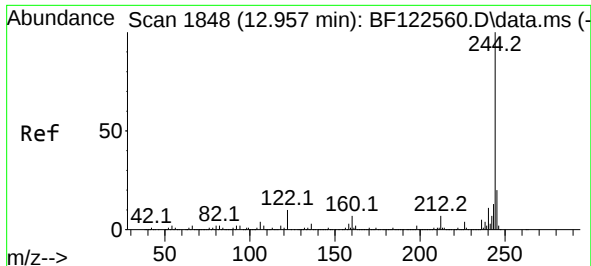
Tgt Ion:240 Resp: 630758
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.7 20.3 30.5



#77
Benidine
Concen: 2.20 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion:184 Resp: 30077
Ion Ratio Lower Upper
184 100
185 19.4 11.8 17.6#
183 15.0 9.7 14.5#

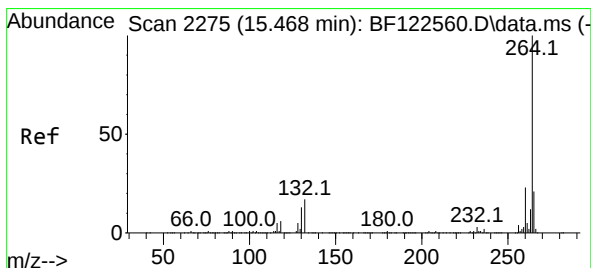
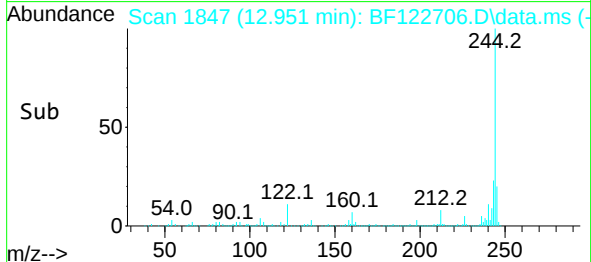
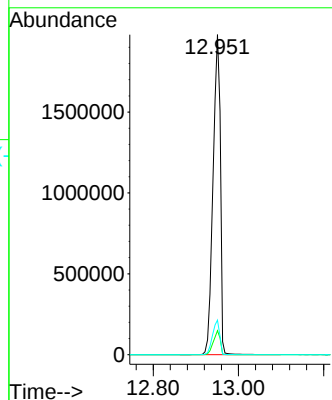
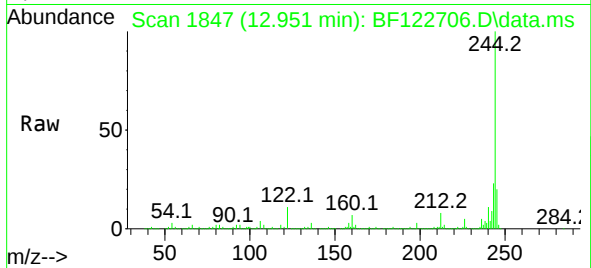




#79
Terphenyl-d14
Concen: 65.25 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122706.D
Acq: 14 Dec 2020 15:17

Instrument :
BNA_F
ClientSampleId :
JBD-WC-S-IB-0809A-0-6

Tgt Ion:244 Resp: 2351268
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.8 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: BF122706.D
Acq: 14 Dec 2020 15:17

Tgt Ion:264 Resp: 616575
Ion Ratio Lower Upper
264 100
260 23.2 18.6 28.0
265 21.0 17.0 25.6

