

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122902.D
 Acq On : 31 Dec 2020 18:20
 Operator : JU/CG
 Sample : L5241-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-OWS-4

Quant Time: Dec 31 23:42:24 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)

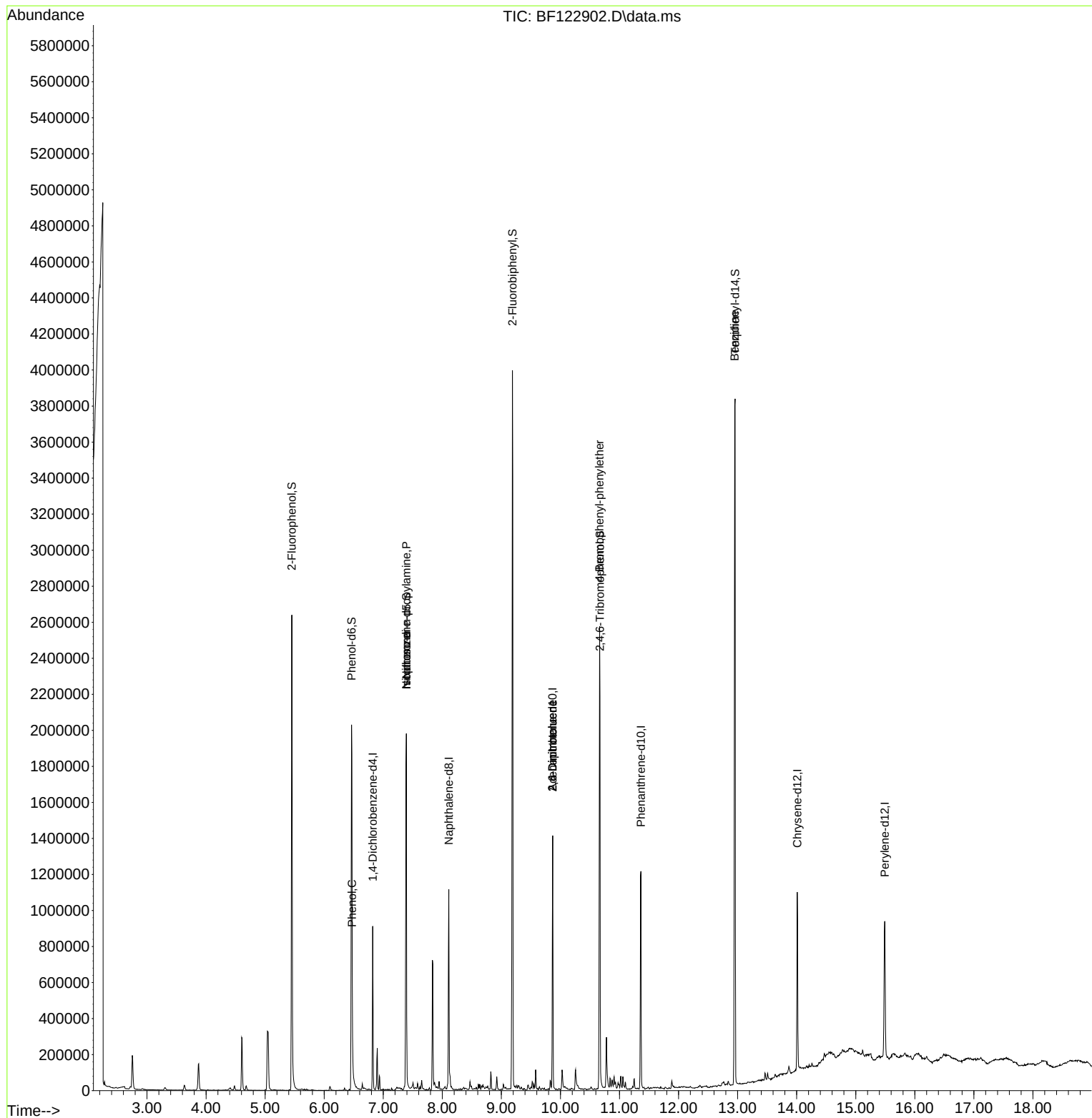
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	124658	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	491610	20.00	ng	0.00
39) Acenaphthene-d10	9.869	164	265990	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	474263	20.00	ng	0.00
76) Chrysene-d12	14.009	240	352852	20.00	ng	0.00
86) Perylene-d12	15.492	264	360354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	791791	100.56	ng	0.01
7) Phenol-d6	6.463	99	887425	84.98	ng	0.00
23) Nitrobenzene-d5	7.392	82	701586	71.50	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	383176	110.05	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1346843	68.49	ng	0.00
79) Terphenyl-d14	12.957	244	1431242	71.00	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.475	94	40956	3.78	ng	91
19) n-Nitroso-di-n-propyla...	7.392	70	93271	15.59	ng	# 76
25) Isophorone	7.392	82	684034	40.48	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	34926	7.78	ng	# 32
57) 2,4-Dinitrotoluene	9.869	165	34926	5.84	ng	# 26
67) 4-Bromophenyl-phenylether	10.663	248	23990	3.73	ng	# 1
77) Benzidine	12.951	184	18570	2.43	ng	97

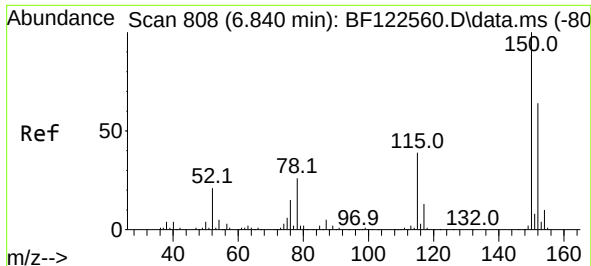
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122902.D
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Sample : L5241-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Dec 31 23:42:24 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

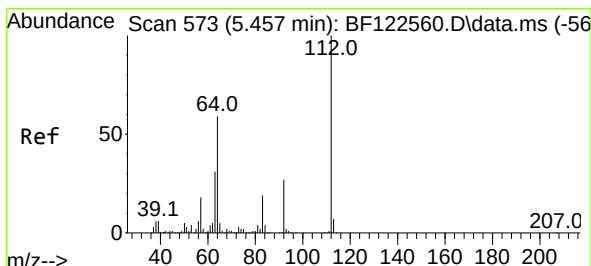
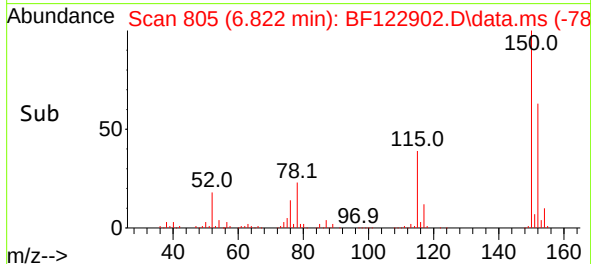
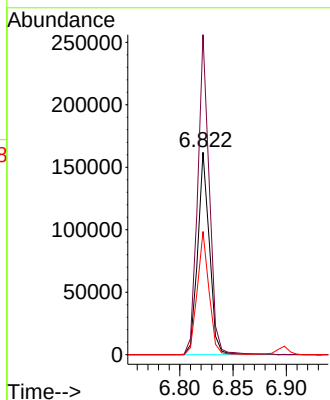
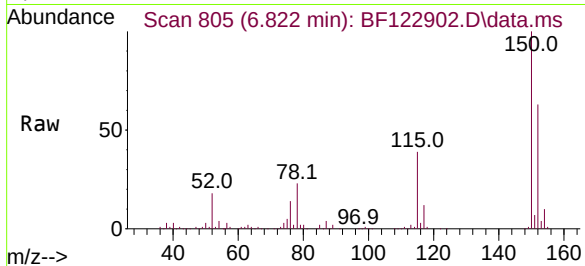




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

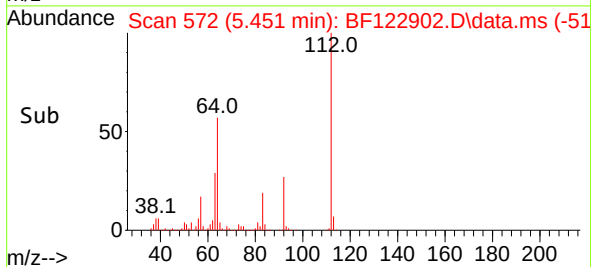
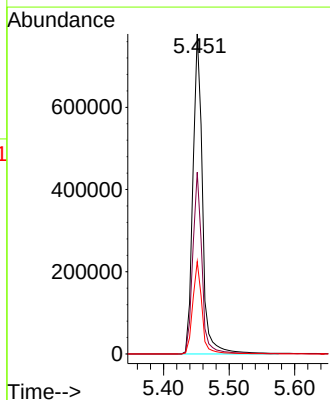
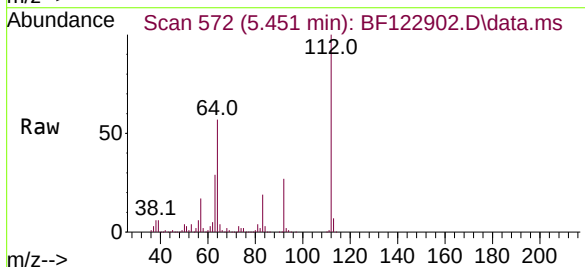
Instrument :
BNA_F
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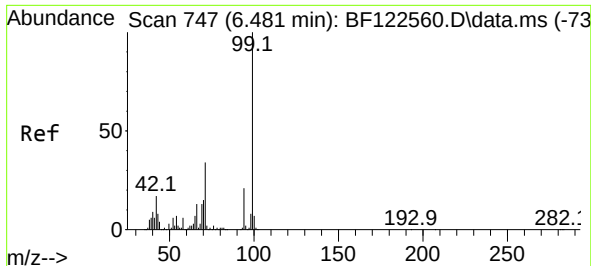
Tgt Ion:152 Resp: 124658
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 60.9 49.3 73.9



#5
2-Fluorophenol
Concen: 100.56 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion:112 Resp: 791791
Ion Ratio Lower Upper
112 100
64 56.8 46.9 70.3
63 28.8 24.5 36.7

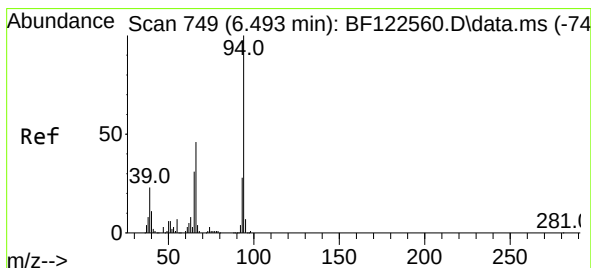
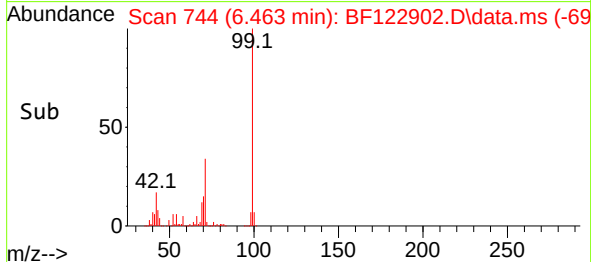
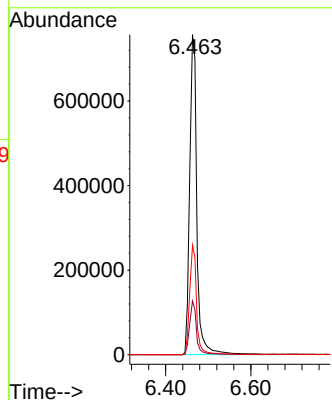
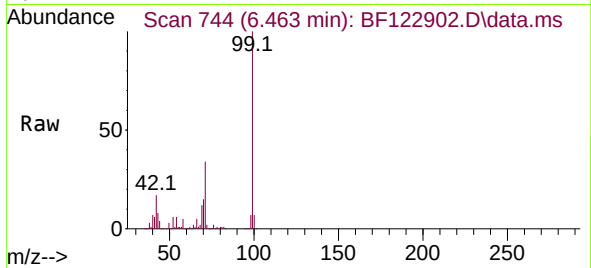




#7
Phenol-d6
Concen: 84.98 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

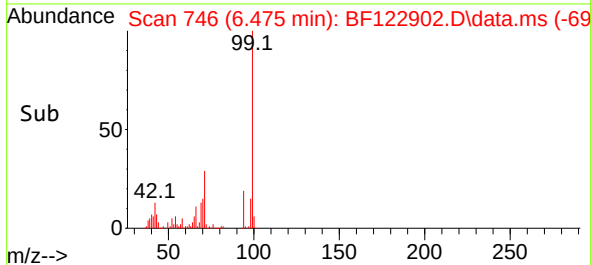
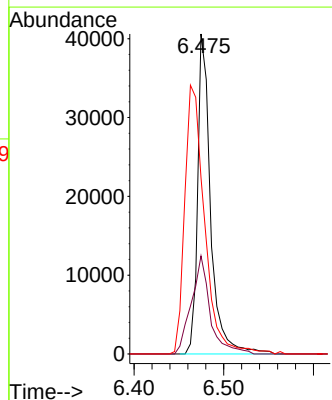
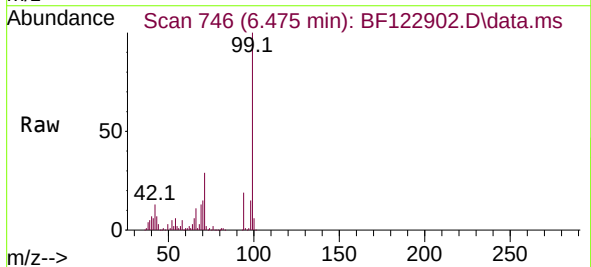
Instrument :
BNA_F
ClientSampleId :
JG-OWS-4

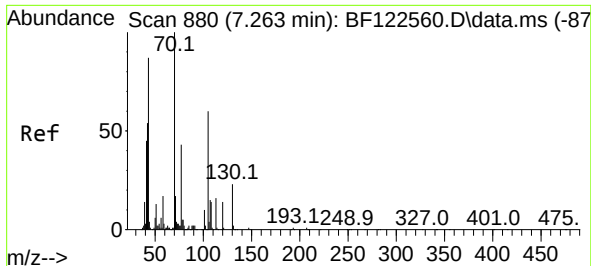
Tgt Ion: 99 Resp: 887425
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.6
71 34.2 26.9 40.3



#10
Phenol
Concen: 3.78 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.012 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion: 94 Resp: 40956
Ion Ratio Lower Upper
94 100
65 30.7 11.2 51.2
66 55.1 25.8 65.8

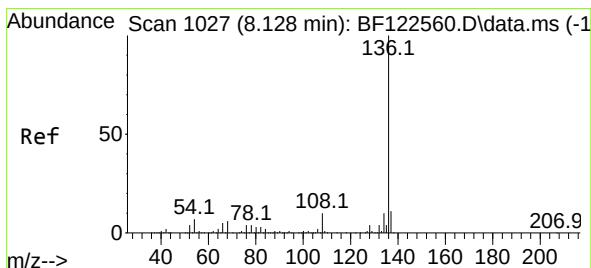
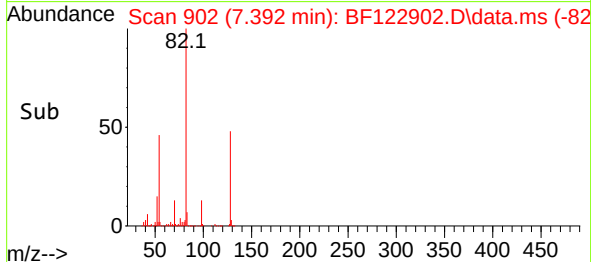
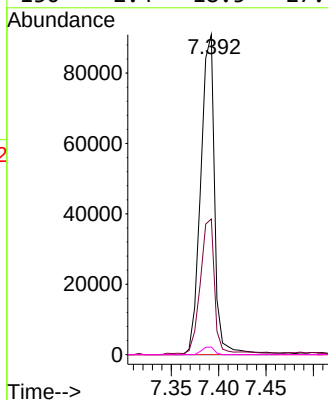
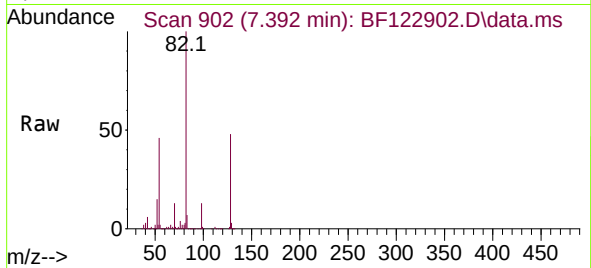




#19
n-Nitroso-di-n-propylamine
Concen: 15.59 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

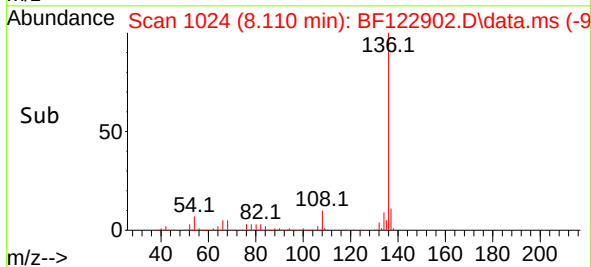
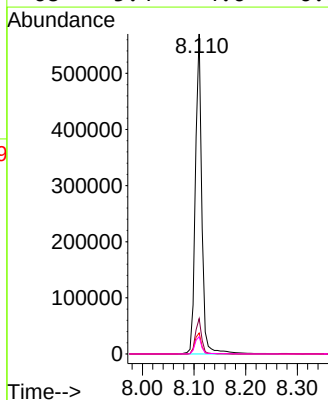
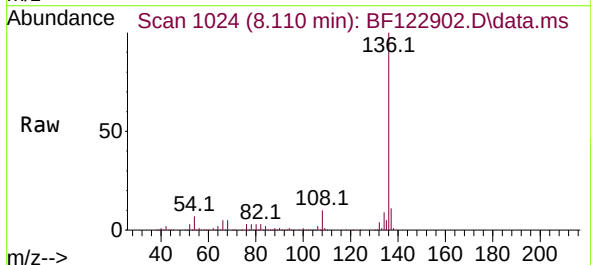
Instrument :
BNA_F
ClientSampleId :
JG-OWS-4

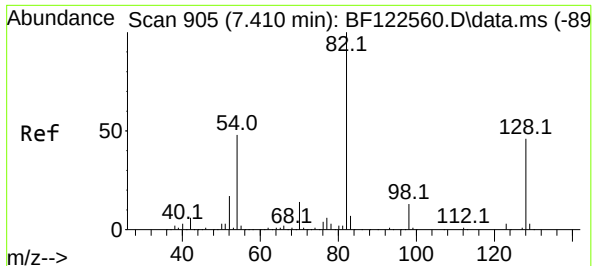
Tgt Ion:	70	Resp:	93271
Ion	Ratio	Lower	Upper
70	100		
42	42.4	43.0	64.4#
101	0.0	7.9	11.9#
130	2.4	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion:	136	Resp:	491610
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.5	5.5	8.3
68	5.4	4.6	6.8

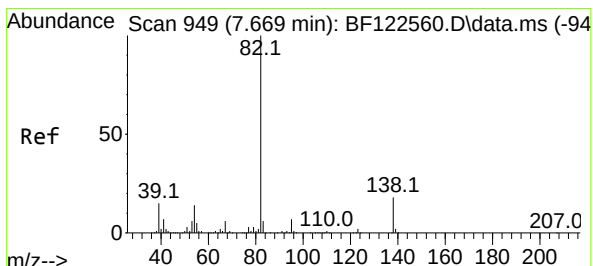
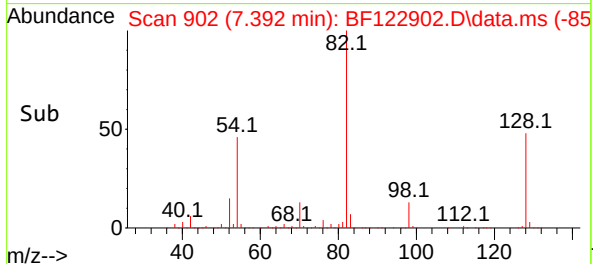
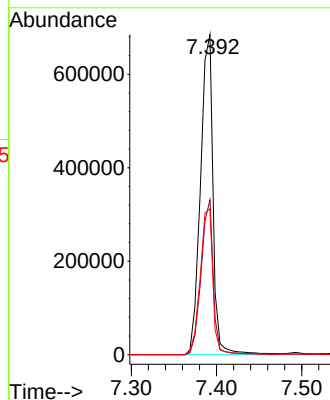
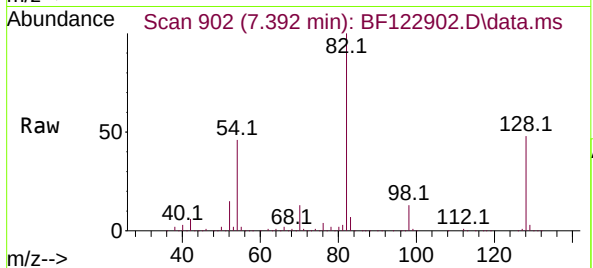




#23
Nitrobenzene-d5
Concen: 71.50 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

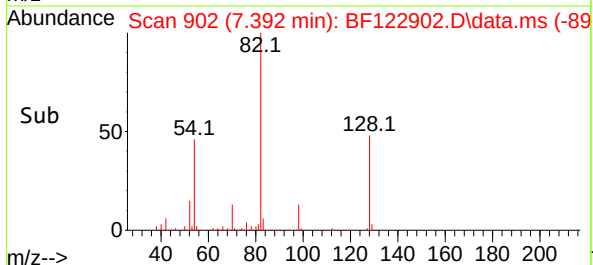
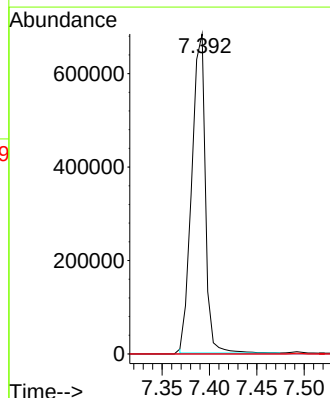
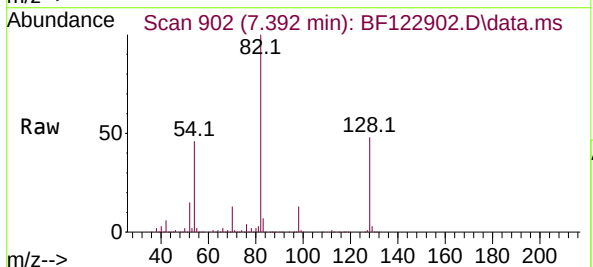
Instrument :
BNA_F
ClientSampleId :
JG-OWS-4

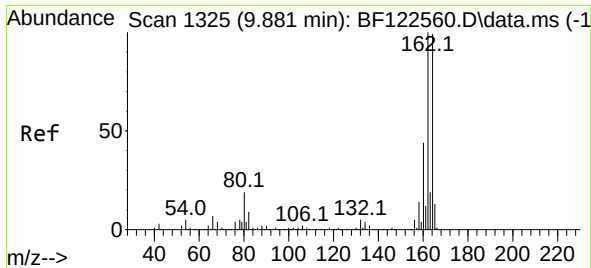
Tgt Ion: 82 Resp: 701586
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 45.6 38.4 57.6



#25
Isophorone
Concen: 40.48 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion: 82 Resp: 684034
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

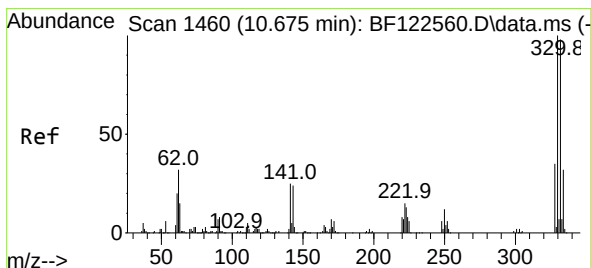
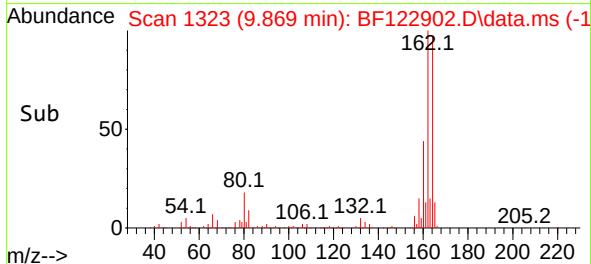
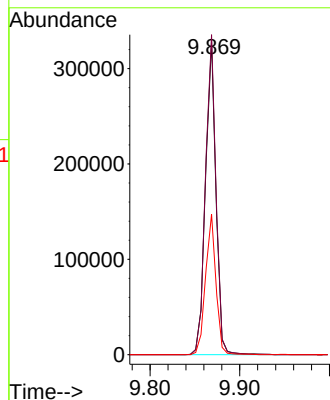
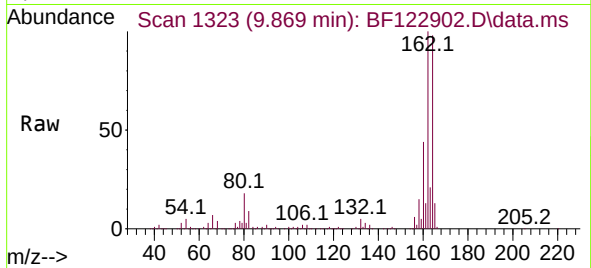




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

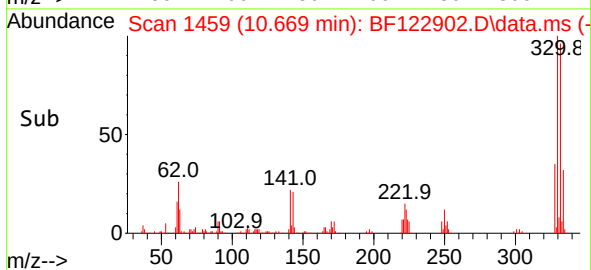
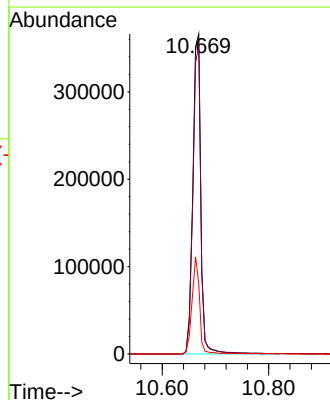
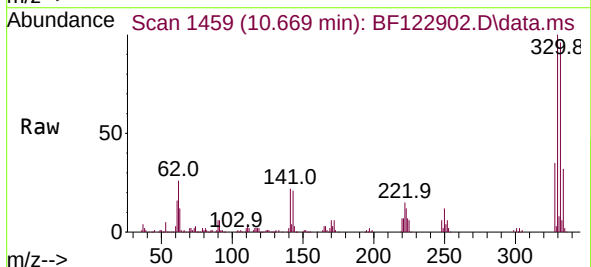
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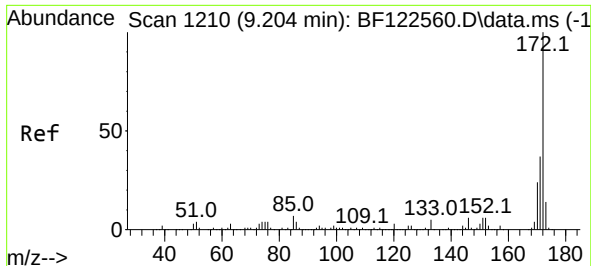
Tgt Ion:164 Resp: 265990
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 110.05 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.000 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion:330 Resp: 383176
Ion Ratio Lower Upper
330 100
332 95.4 77.5 116.3
141 28.8 23.8 35.8

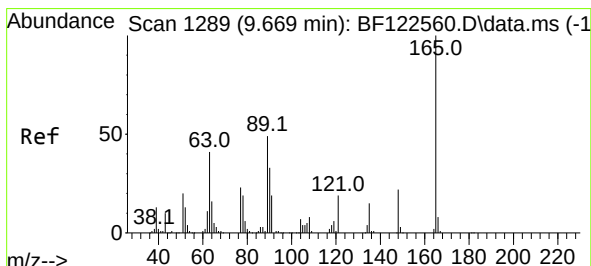
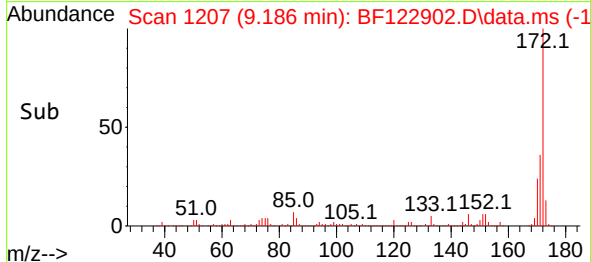
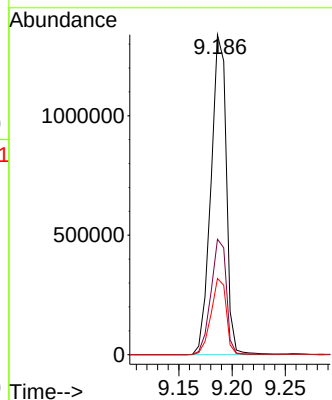
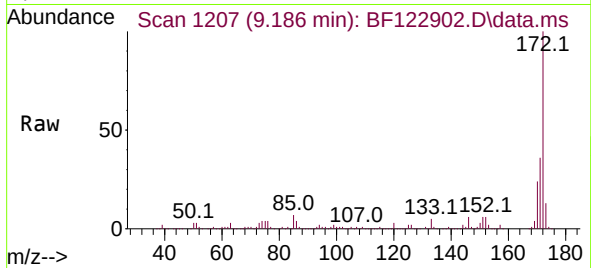




#45
2-Fluorobiphenyl
Concen: 68.49 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

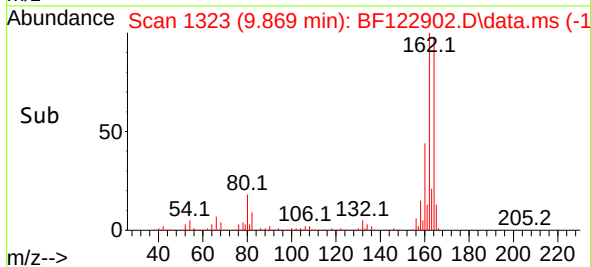
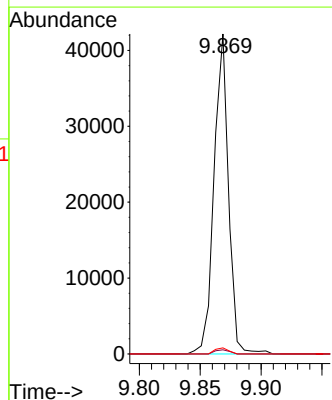
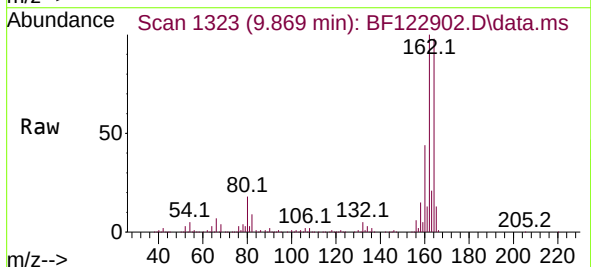
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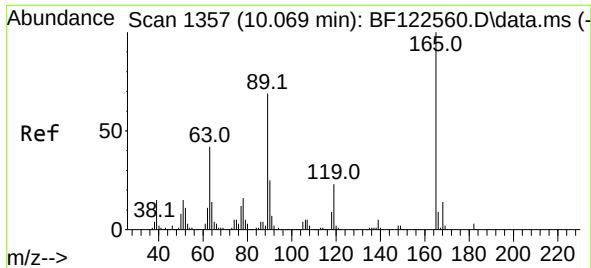
Tgt Ion:172 Resp: 1346843
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.206 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion:165 Resp: 34926
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.9 39.4 59.0#

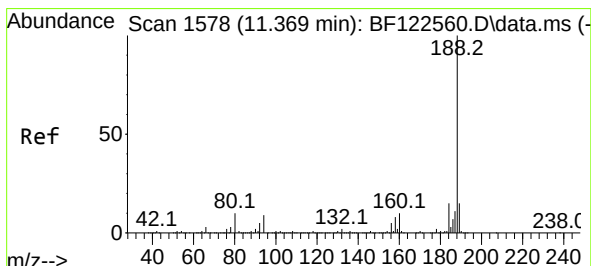
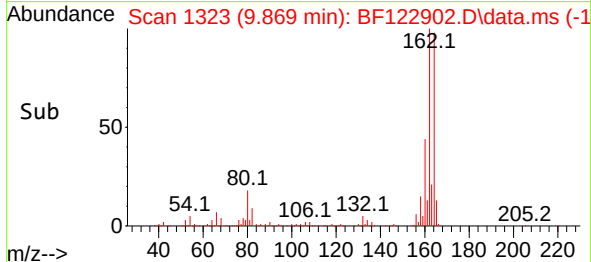
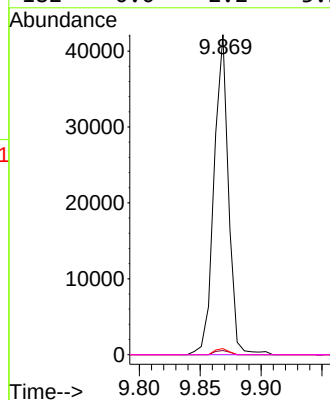
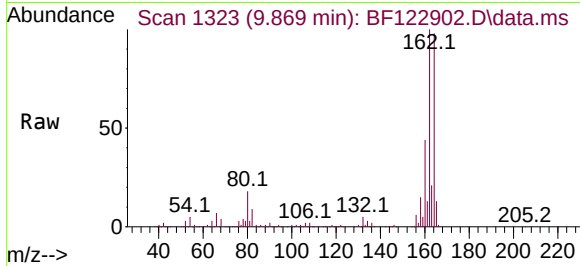




#57
2,4-Dinitrotoluene
Concen: 5.84 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

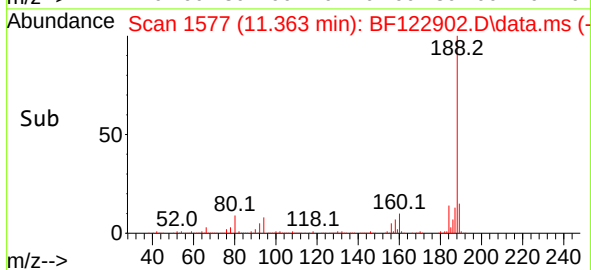
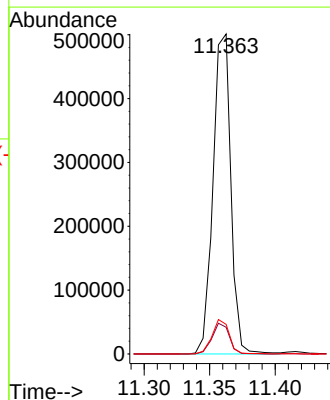
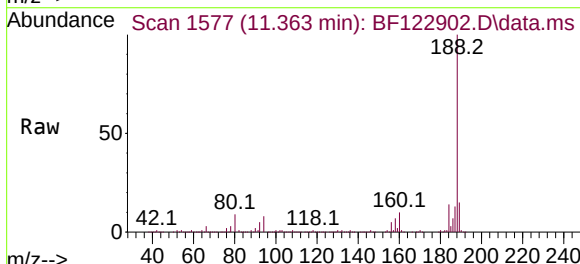
Instrument :
BNA_F
ClientSampleId :
JG-OWS-4

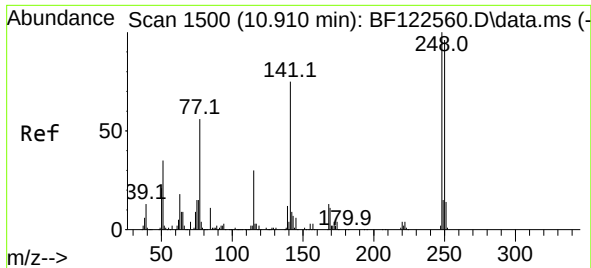
Tgt Ion:165	Resp:	34926
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.3
89	1.9	55.2
182	0.0	2.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion:188	Resp:	474263
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.4
80	9.3	8.2

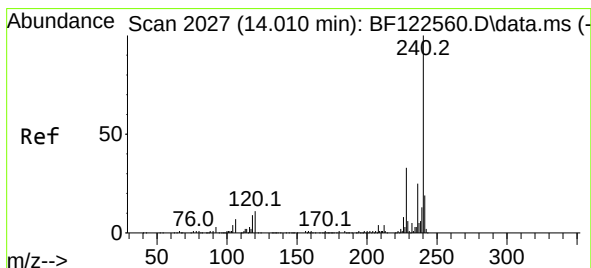
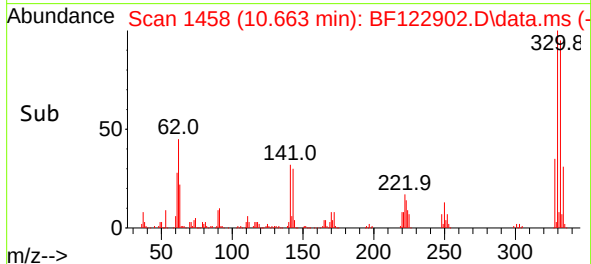
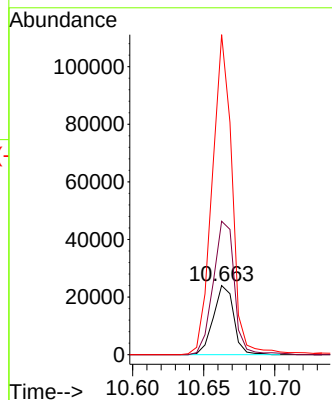
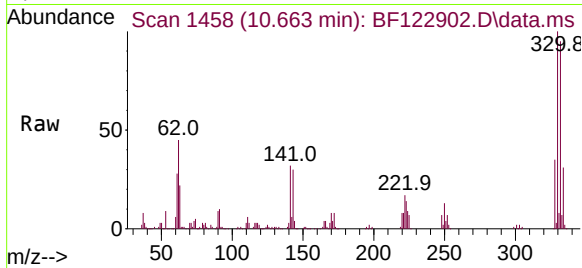




#67
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

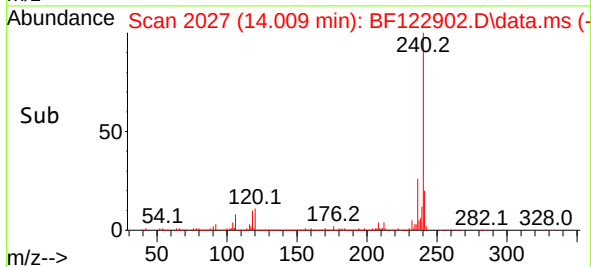
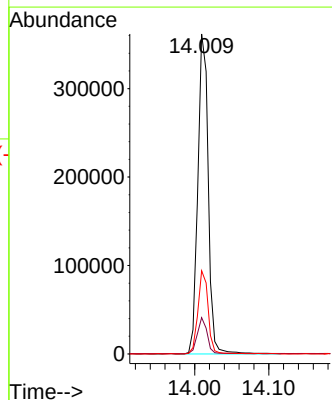
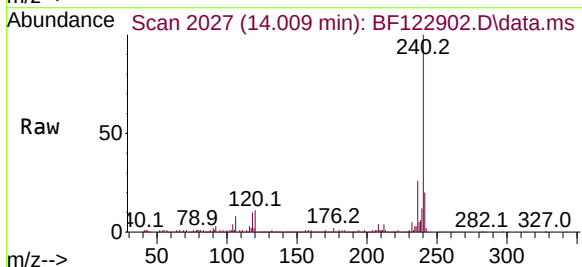
Instrument :
BNA_F
ClientSampled :
JG-OWS-4

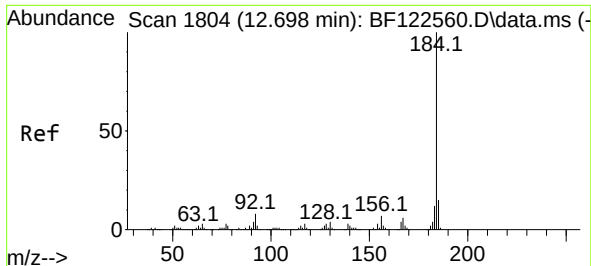
Tgt Ion:248 Resp: 23990
Ion Ratio Lower Upper
248 100
250 193.2 76.8 115.2#
141 463.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

Tgt Ion:240 Resp: 352852
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 26.0 20.3 30.5

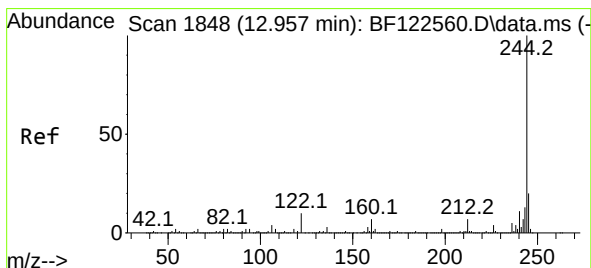
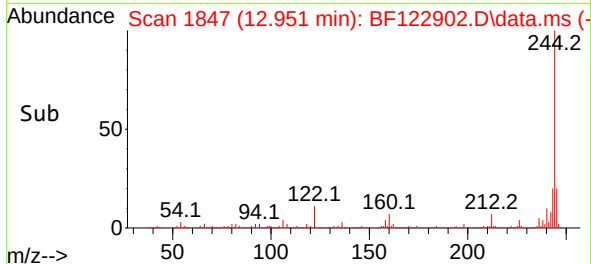
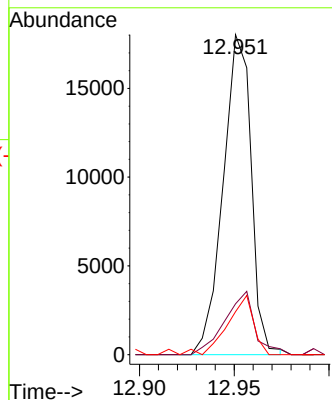
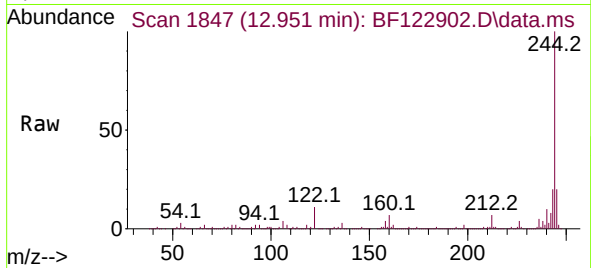




#77
Benzidine
Concen: 2.43 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.247 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

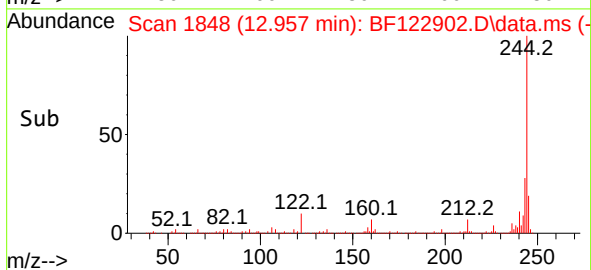
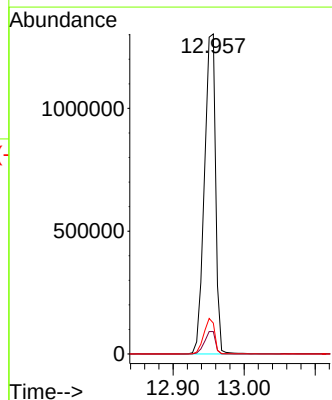
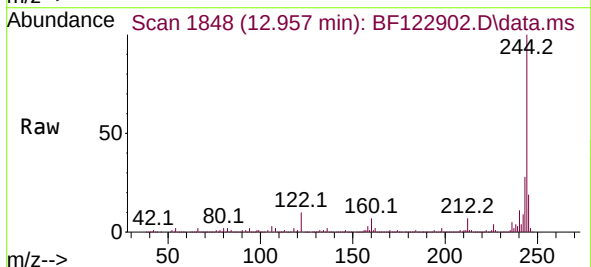
Instrument :
BNA_F
ClientSampleId :
JG-OWS-4

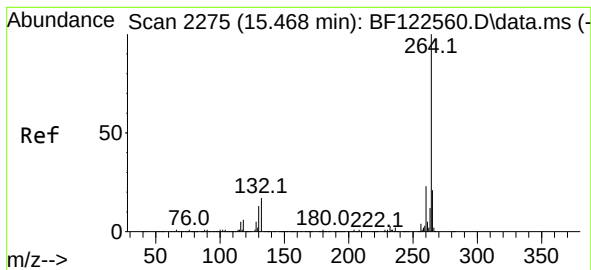
Tgt Ion:184 Resp: 18570
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.6
183 13.5 9.7 14.5



#79
Terphenyl-d14
Concen: 71.00 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BF122902.D
Acq: 31 Dec 2020 18:20

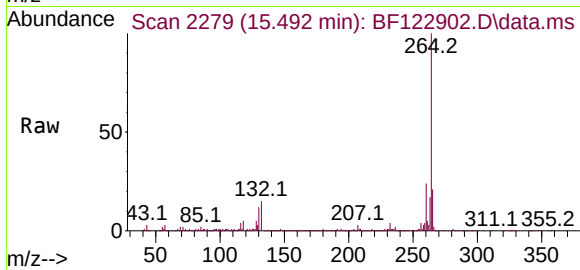
Tgt Ion:244 Resp: 1431242
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.006 min
 Lab File: BF122902.D
 Acq: 31 Dec 2020 18:20

Instrument :
 BNA_F
 ClientSampleId :
 JG-OWS-4



Tgt Ion:	264	Resp:	360354
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	21.4	17.0	25.6

