

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122842.D
 Acq On : 23 Dec 2020 20:38
 Operator : JU/CG
 Sample : L5189-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 09

Quant Time: Dec 24 02:59:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

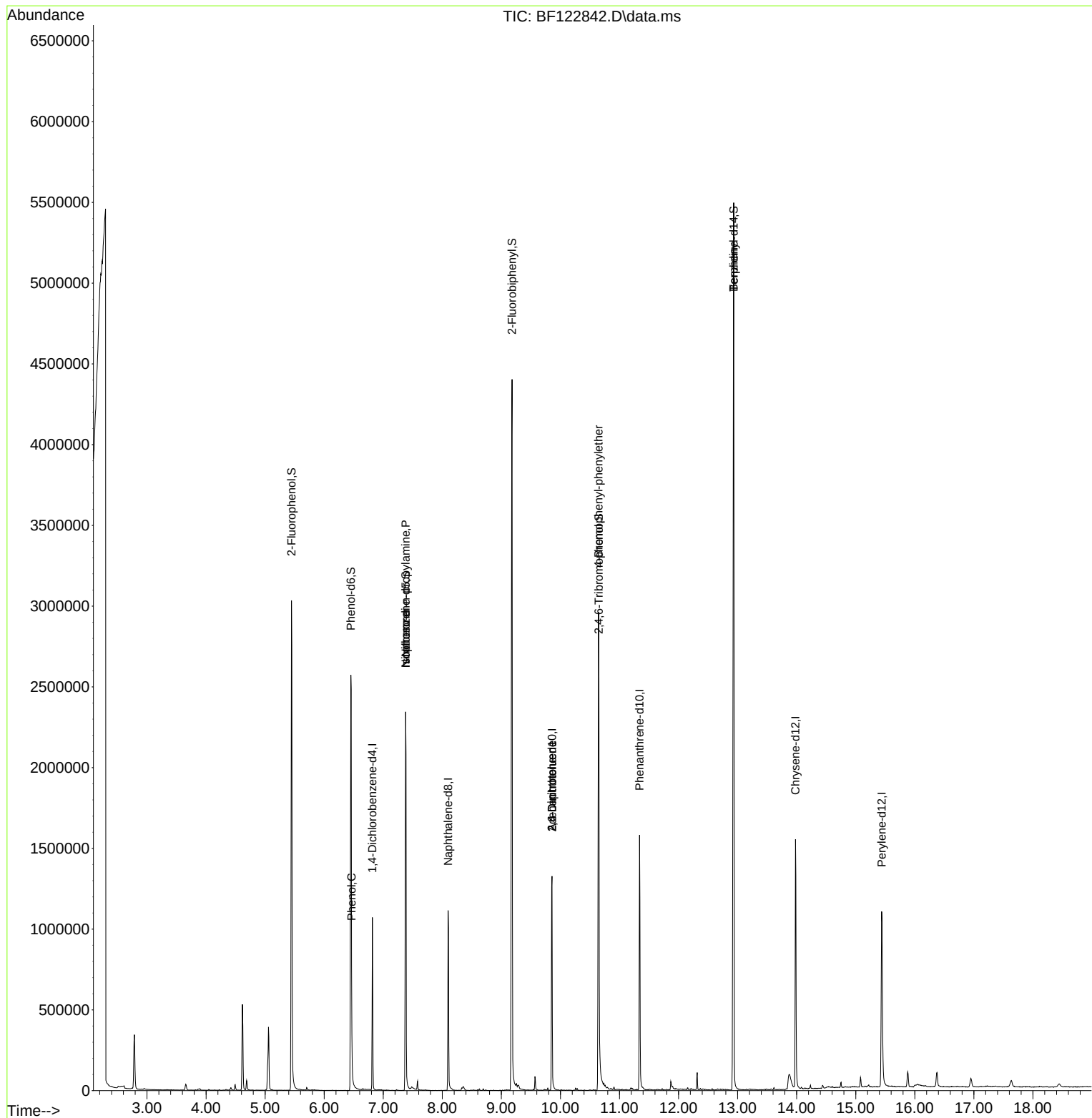
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	153498	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	561172	20.00	ng	-0.01
39) Acenaphthene-d10	9.857	164	313128	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	633987	20.00	ng	0.00
76) Chrysene-d12	13.980	240	607964	20.00	ng	0.00
86) Perylene-d12	15.439	264	599885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1008261	103.99	ng	0.01
7) Phenol-d6	6.451	99	1081099	84.07	ng	0.00
23) Nitrobenzene-d5	7.381	82	901239	80.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	512830	125.12	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1687624	72.90	ng	0.00
79) Terphenyl-d14	12.933	244	2091189	60.21	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.463	94	87343	6.56	ng	97
19) n-Nitroso-di-n-propyla...	7.381	70	118623	16.10	ng	# 78
25) Isophorone	7.381	82	901231	46.72	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	39484	7.48	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	39485	5.61	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	31133	3.62	ng	# 1
77) Benzidine	12.933	184	26959	2.05	ng	# 91

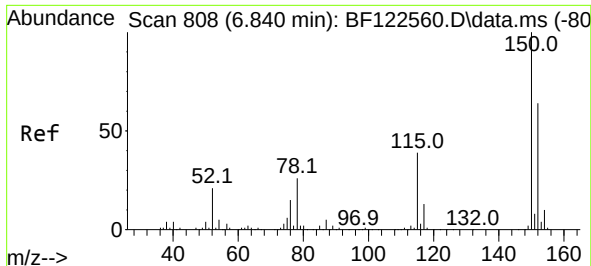
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
Data File : BF122842.D
Acq On : 23 Dec 2020 20:38
Operator : JU/CG
Sample : L5189-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
09

Quant Time: Dec 24 02:59:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

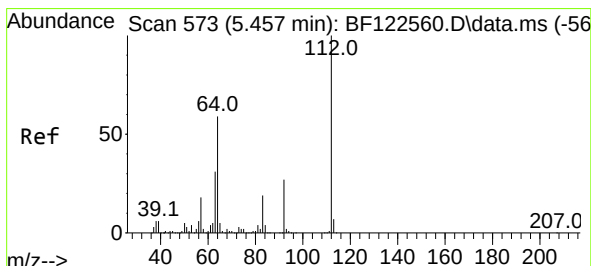
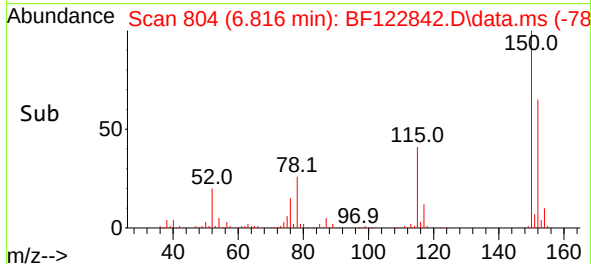
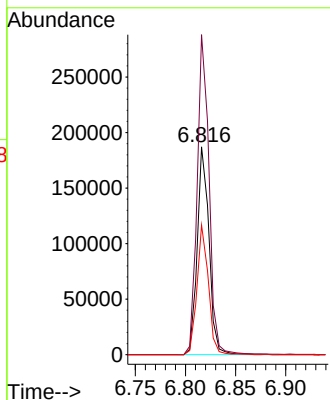
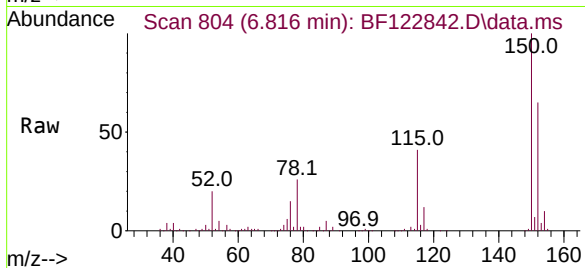




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

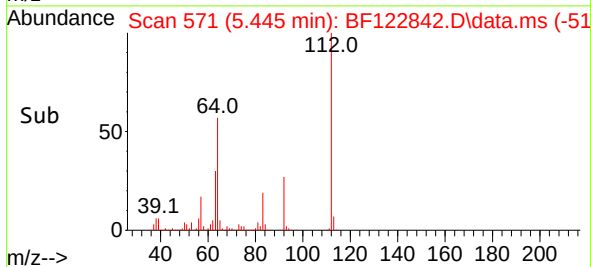
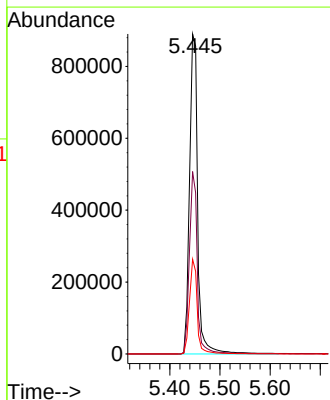
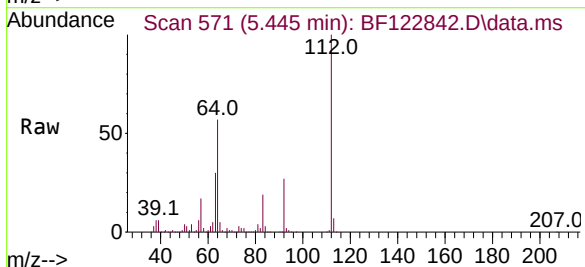
Instrument :
BNA_F
ClientSampleId :
09

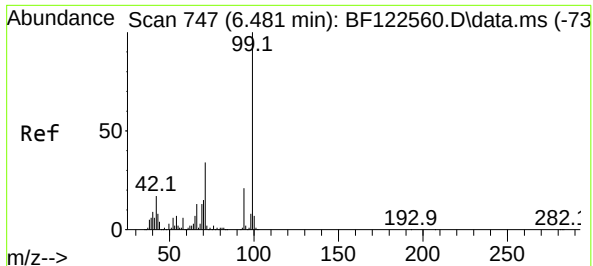
Tgt Ion:152 Resp: 153498
Ion Ratio Lower Upper
152 100
150 153.9 125.8 188.6
115 62.3 49.3 73.9



#5
2-Fluorophenol
Concen: 103.99 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Tgt Ion:112 Resp: 1008261
Ion Ratio Lower Upper
112 100
64 57.0 46.9 70.3
63 29.6 24.5 36.7

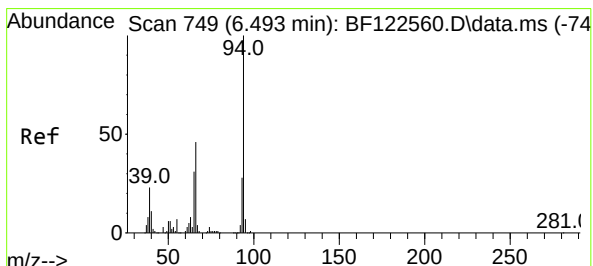
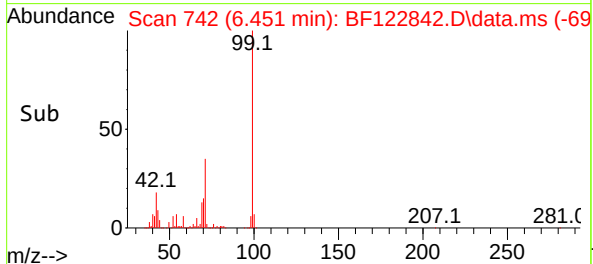
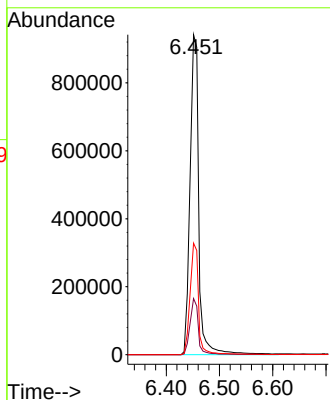
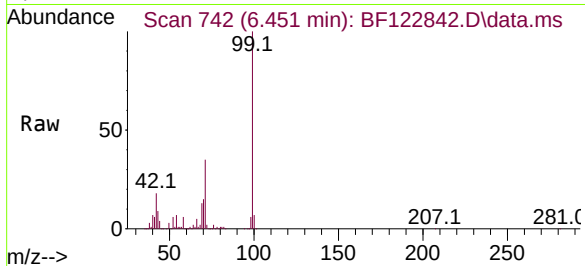




#7
Phenol-d6
Concen: 84.07 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

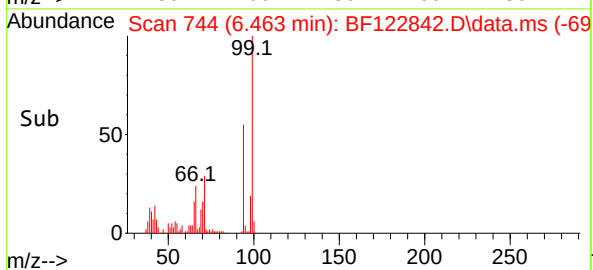
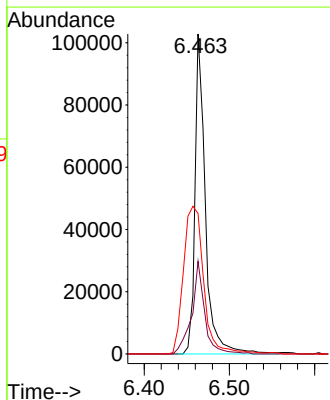
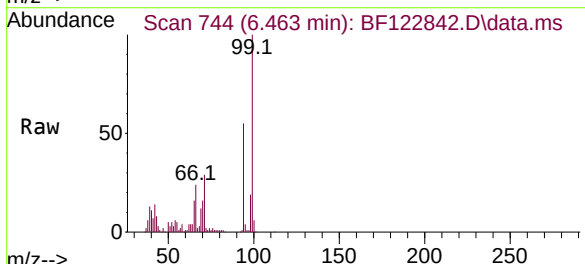
Instrument :
BNA_F
ClientSampleId :
09

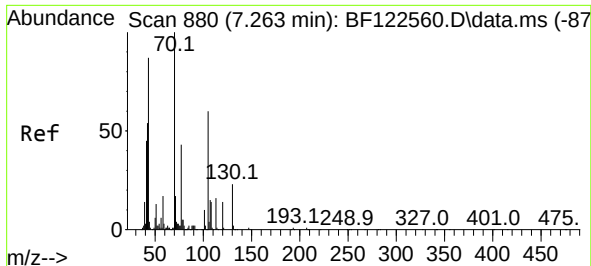
Tgt Ion: 99 Resp: 1081099
Ion Ratio Lower Upper
99 100
42 17.6 13.8 20.6
71 34.9 26.9 40.3



#10
Phenol
Concen: 6.56 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Tgt Ion: 94 Resp: 87343
Ion Ratio Lower Upper
94 100
65 29.0 11.2 51.2
66 43.9 25.8 65.8



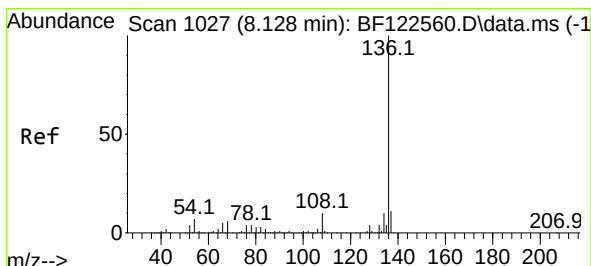
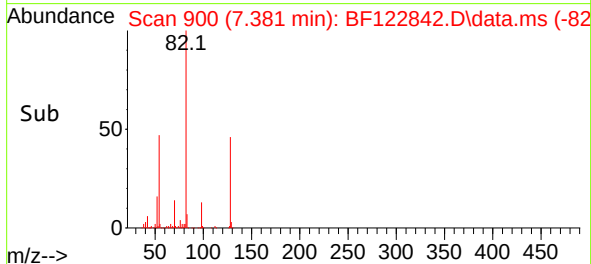
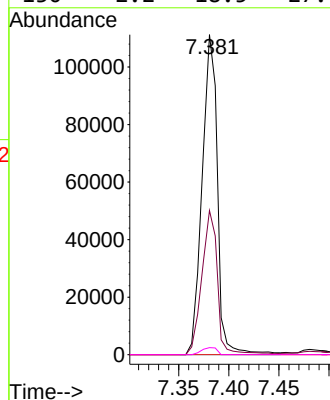
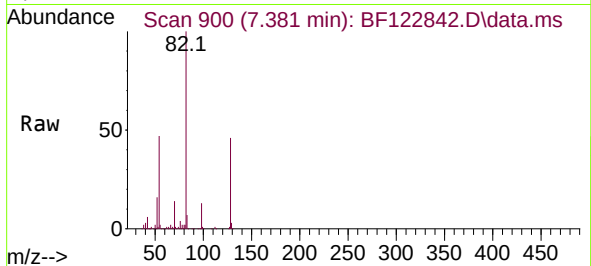


#19
n-Nitroso-di-n-propylamine
Concen: 16.10 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Instrument :
BNA_F
ClientSampleId :
09

Tgt Ion: 70 Resp: 118623

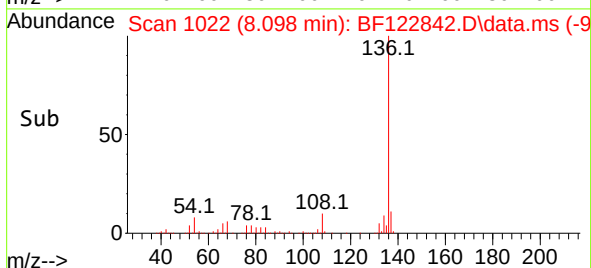
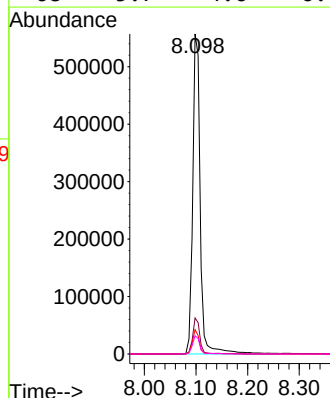
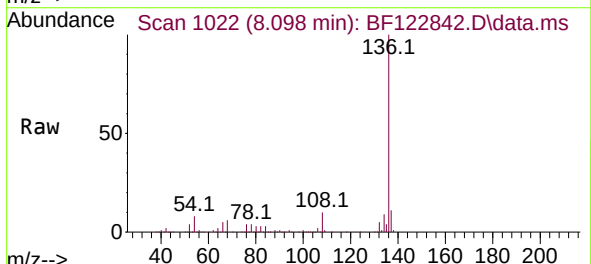
Ion	Ratio	Lower	Upper
70	100		
42	45.0	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#

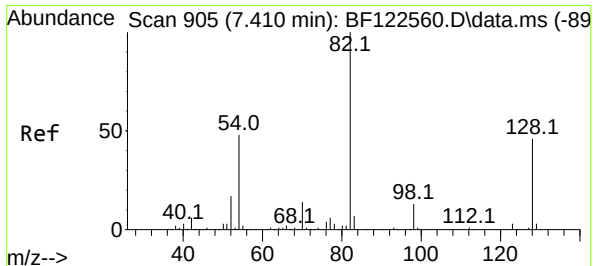


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Tgt Ion: 136 Resp: 561172

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.6	5.5	8.3
68	5.7	4.6	6.8





#23

Nitrobenzene-d5

Concen: 80.46 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF122842.D

Acq: 23 Dec 2020 20:38

Tgt Ion: 82 Resp: 901239

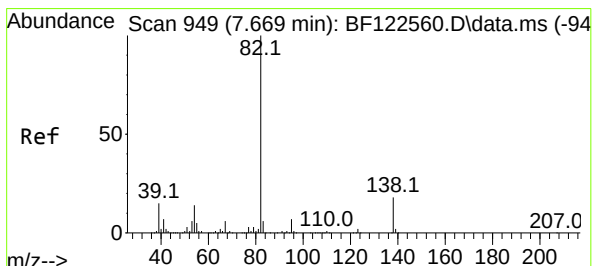
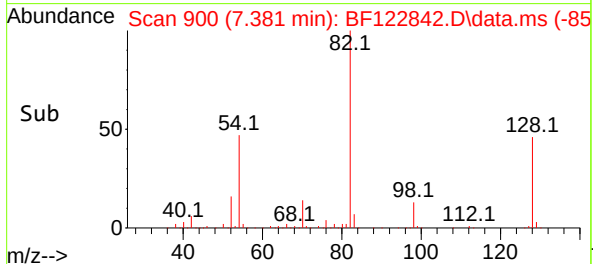
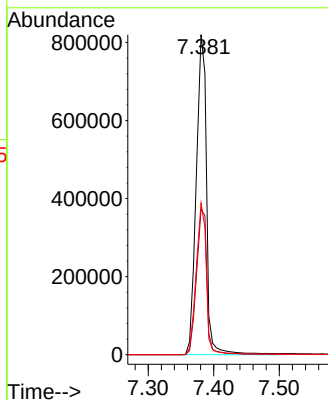
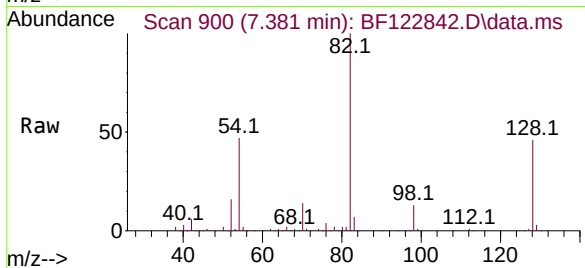
Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.0	55.4
54	47.4	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

09



#25

Isophorone

Concen: 46.72 ng

RT: 7.381 min Scan# 900

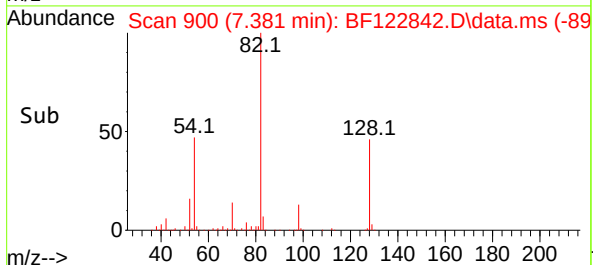
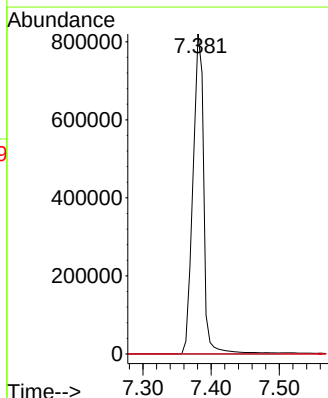
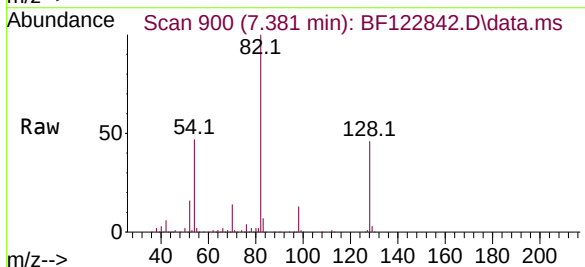
Delta R.T. -0.265 min

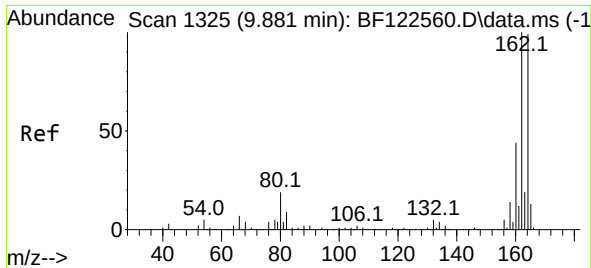
Lab File: BF122842.D

Acq: 23 Dec 2020 20:38

Tgt Ion: 82 Resp: 901231

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

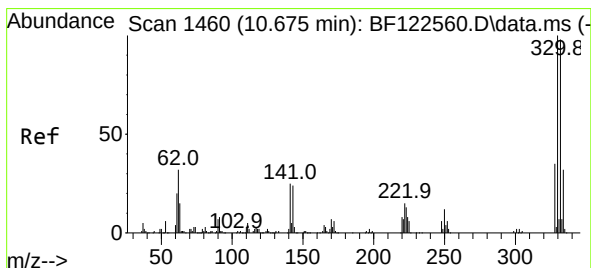
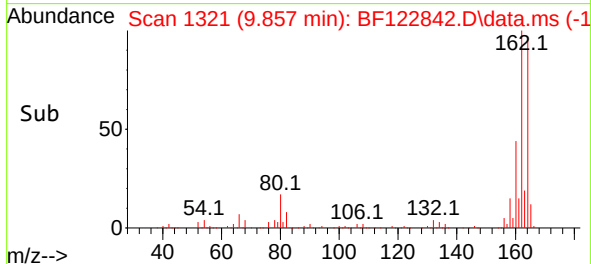
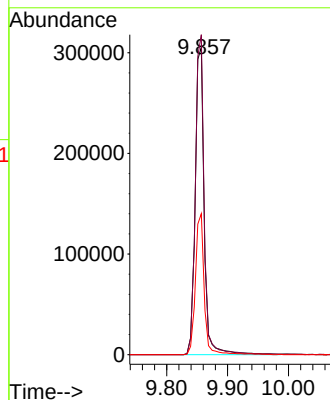
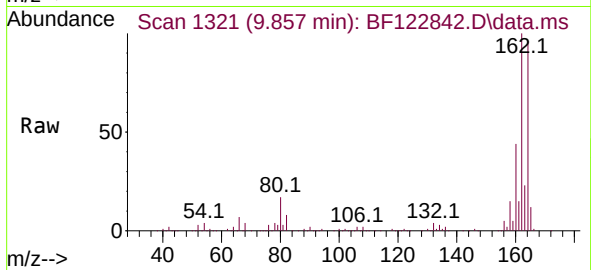




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

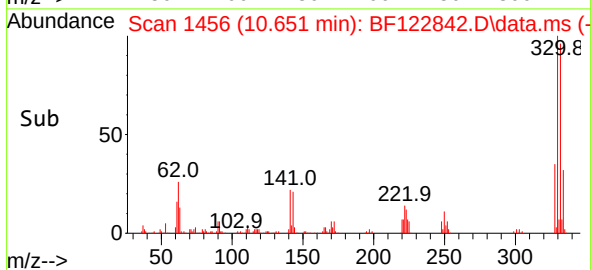
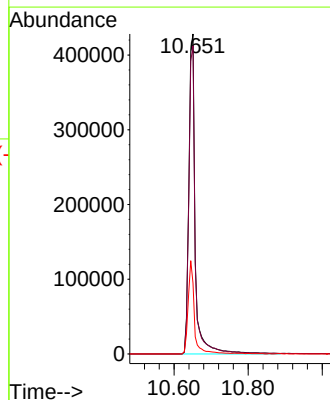
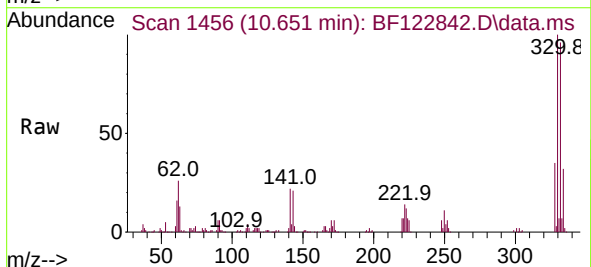
Instrument :
BNA_F
ClientSampleId :
09

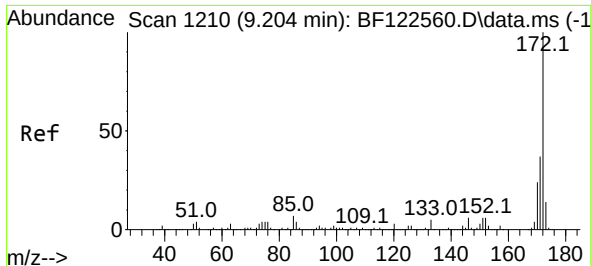
Tgt Ion:164 Resp: 313128
Ion Ratio Lower Upper
164 100
162 104.1 80.8 121.2
160 45.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 125.12 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Tgt Ion:330 Resp: 512830
Ion Ratio Lower Upper
330 100
332 95.1 77.5 116.3
141 28.2 23.8 35.8

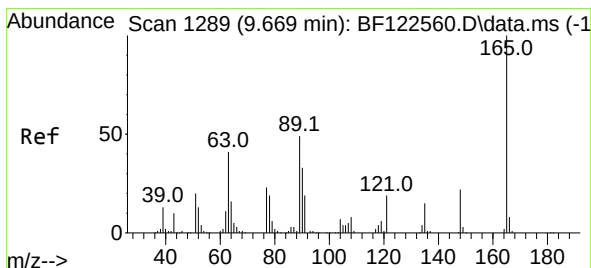
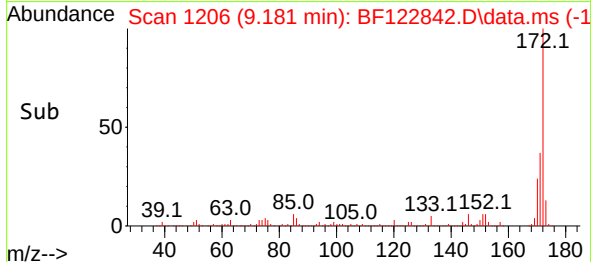
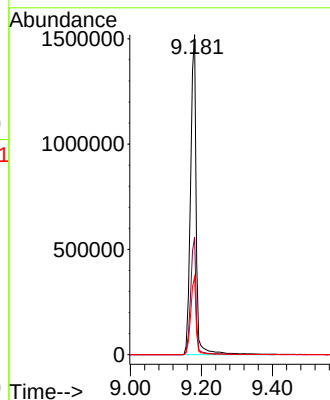
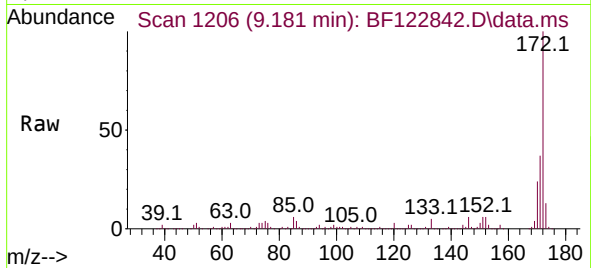




#45
2-Fluorobiphenyl
Concen: 72.90 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

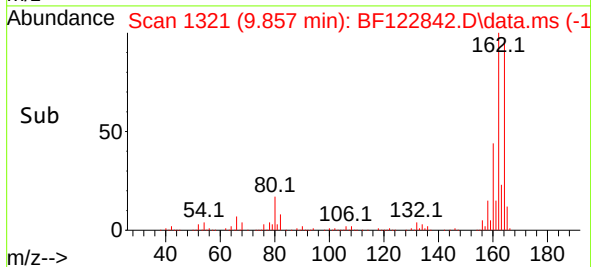
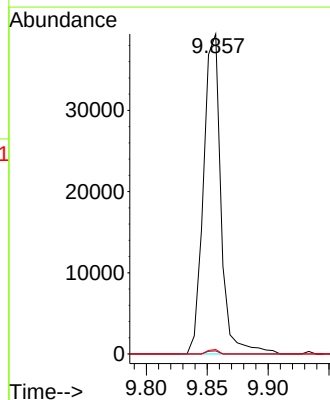
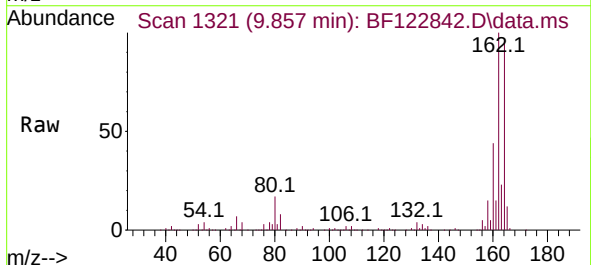
Instrument :
BNA_F
ClientSampleId :
09

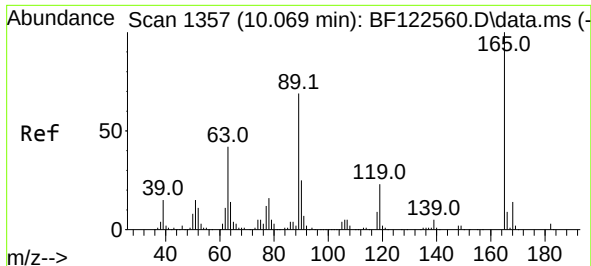
Tgt Ion:172 Resp: 1687624
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.48 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

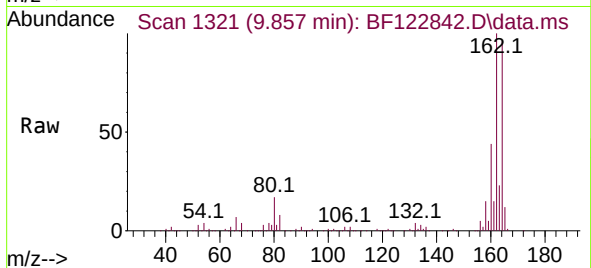
Tgt Ion:165 Resp: 39484
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.4 39.4 59.0#



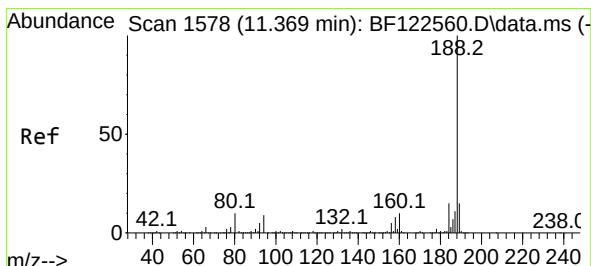
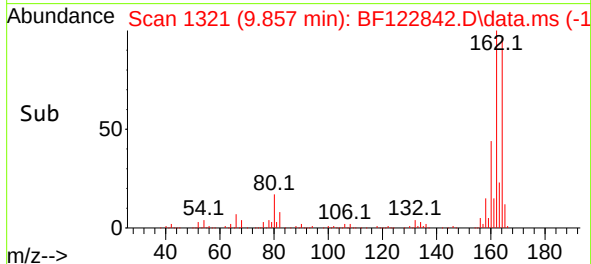
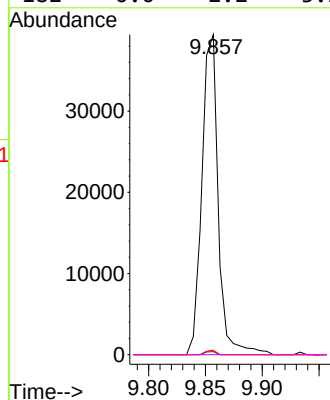


#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Instrument :
BNA_F
ClientSampleId :
09

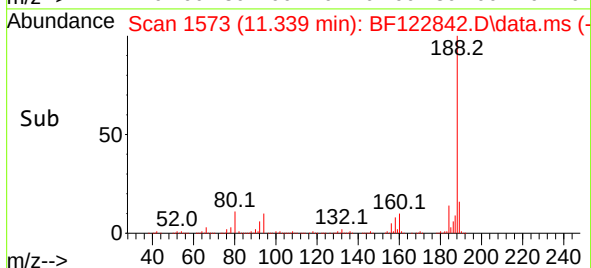
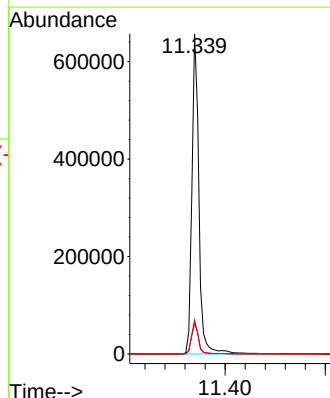
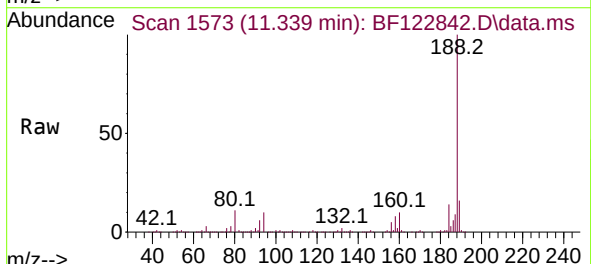


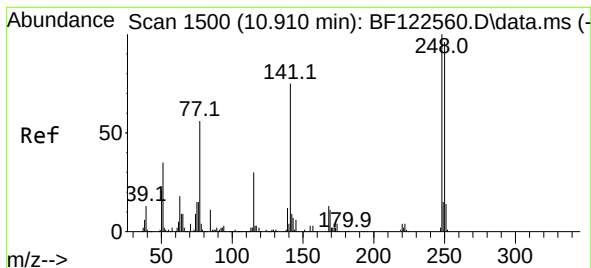
Tgt Ion:165 Resp: 39485
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Tgt Ion:188 Resp: 633987
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 8.2 12.4

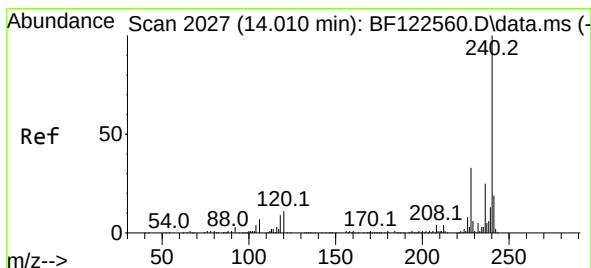
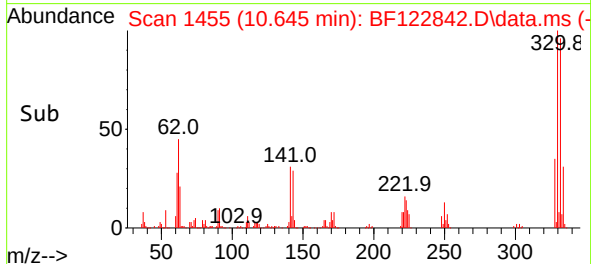
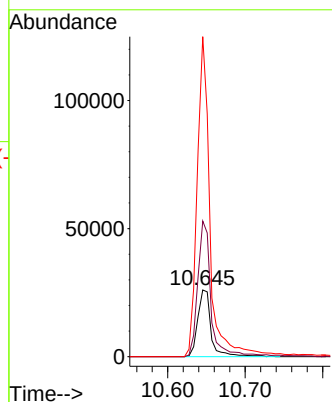
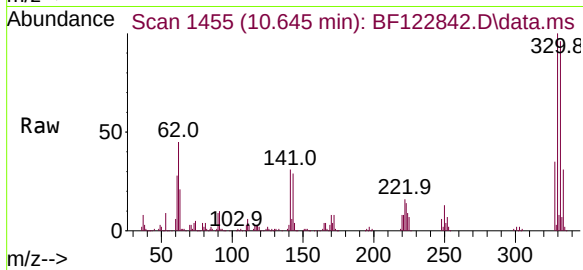




#67
4-Bromophenyl-phenylether
Concen: 3.62 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

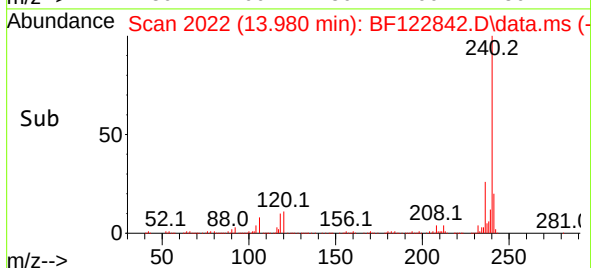
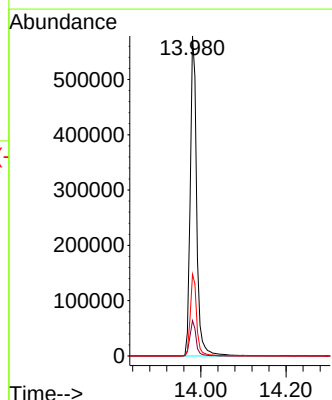
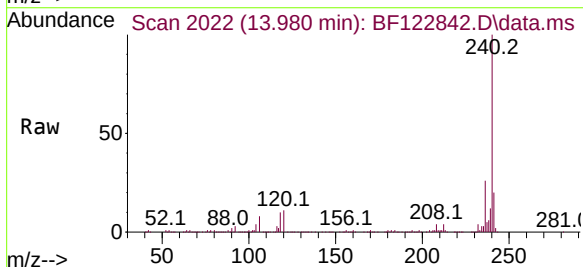
Instrument :
BNA_F
ClientSampleId :
09

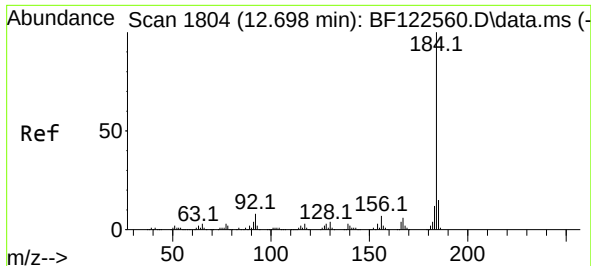
Tgt Ion:248 Resp: 31133
Ion Ratio Lower Upper
248 100
250 203.3 76.8 115.2#
141 479.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

Tgt Ion:240 Resp: 607964
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.6 20.3 30.5

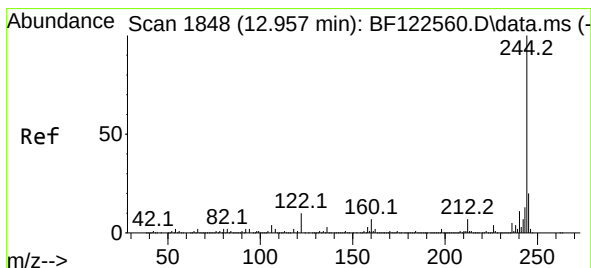
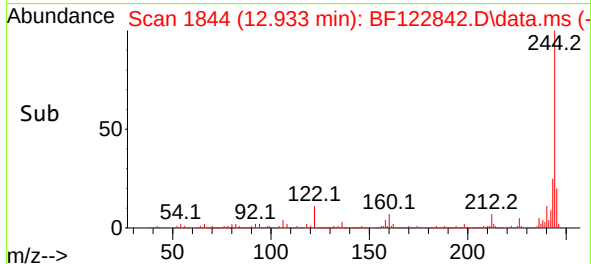
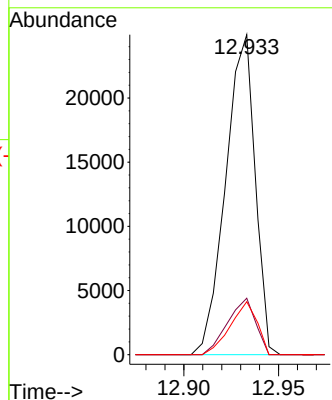
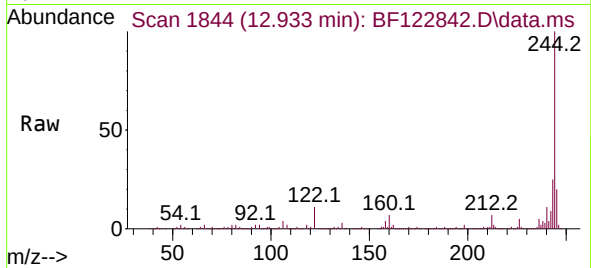




#77
Benzidine
Concen: 2.05 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

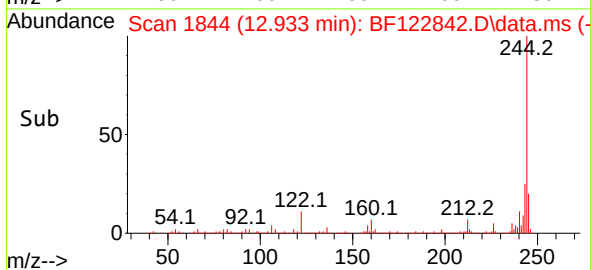
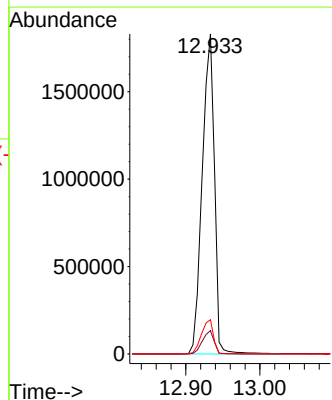
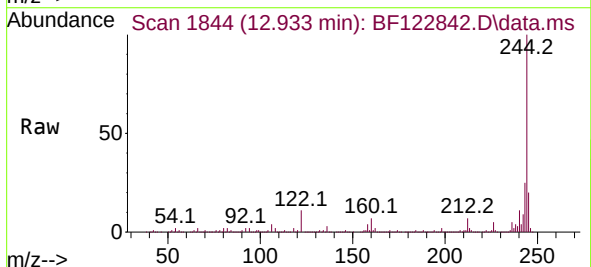
Instrument :
BNA_F
ClientSampled :
09

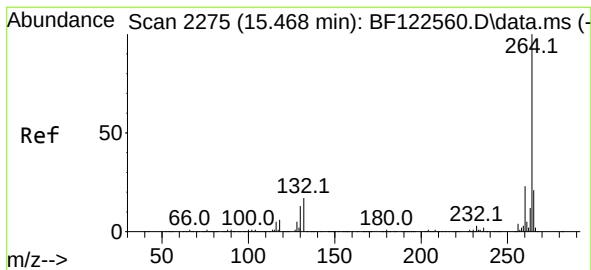
Tgt Ion:184 Resp: 26959
Ion Ratio Lower Upper
184 100
185 17.6 11.8 17.6#
183 16.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 60.21 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122842.D
Acq: 23 Dec 2020 20:38

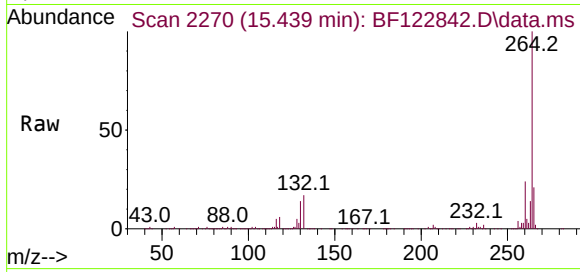
Tgt Ion:244 Resp: 2091189
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.000 min
 Lab File: BF122842.D
 Acq: 23 Dec 2020 20:38

Instrument :
 BNA_F
 ClientSampleId :
 09



Tgt Ion:264 Resp: 599885

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	20.9	17.0	25.6

