

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122320\
 Data File : BF122843.D
 Acq On : 23 Dec 2020 21:09
 Operator : JU/CG
 Sample : L5189-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 18

Quant Time: Dec 24 02:59:44 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)

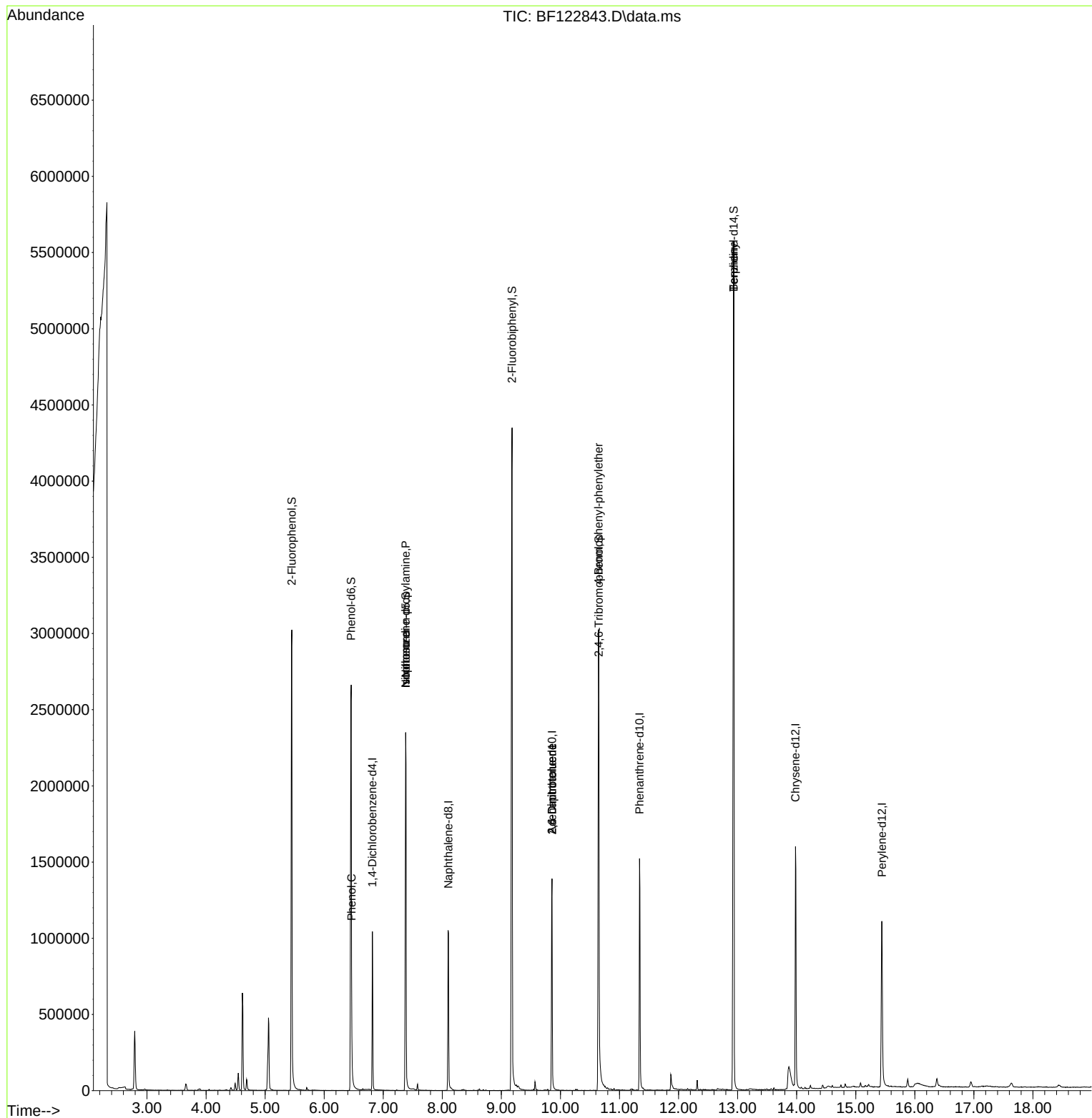
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	152791	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	571135	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	325210	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	638591	20.00	ng	0.00
76) Chrysene-d12	13.980	240	641378	20.00	ng	0.00
86) Perylene-d12	15.445	264	607675	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1011264	104.78	ng	0.02
7) Phenol-d6	6.457	99	1118841	87.41	ng	0.00
23) Nitrobenzene-d5	7.381	82	906173	79.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	510047	119.82	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1695306	70.51	ng	0.00
79) Terphenyl-d14	12.933	244	2181873	59.55	ng	0.00
Target Compounds						
10) Phenol	6.463	94	75918	5.72	ng	Qvalue 98
19) n-Nitroso-di-n-propyla...	7.381	70	117995	16.09	ng	# 77
25) Isophorone	7.381	82	906167	46.15	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	40787	7.44	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	41047	5.62	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	32139	3.71	ng	# 1
77) Benzidine	12.933	184	28036	2.02	ng	97

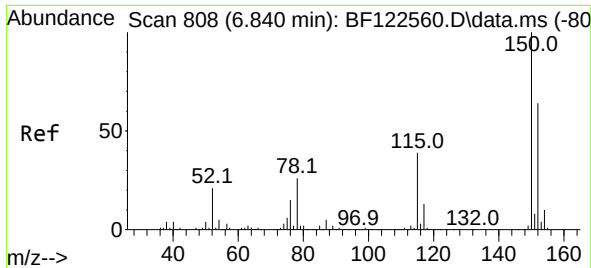
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

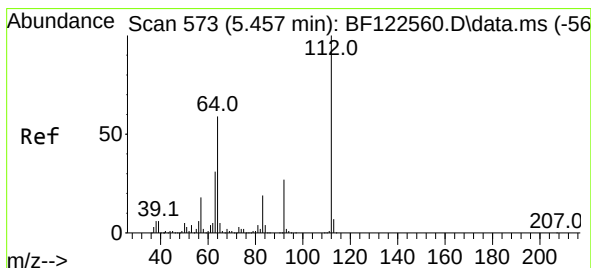
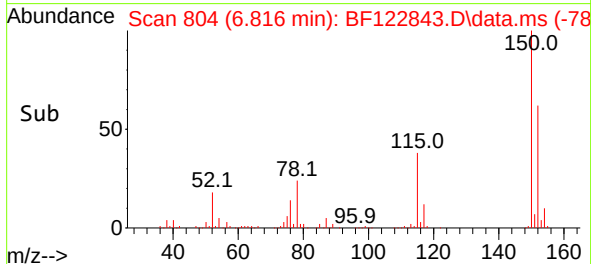
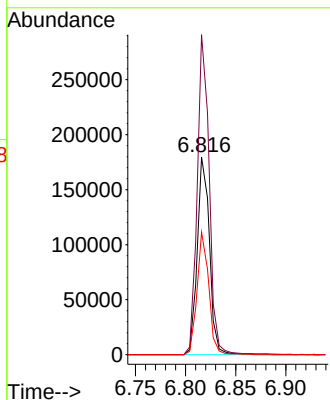
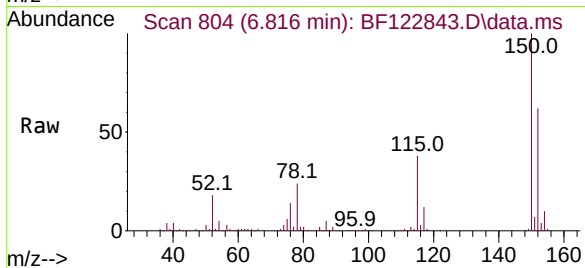




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.006 min
 Lab File: BF122843.D
 Acq: 23 Dec 2020 21:09

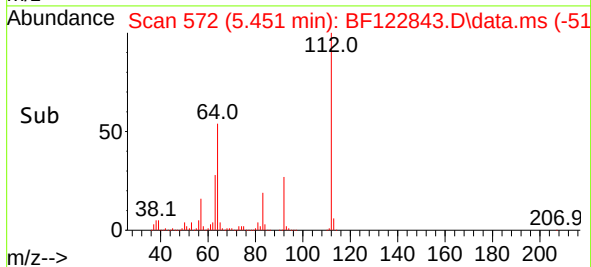
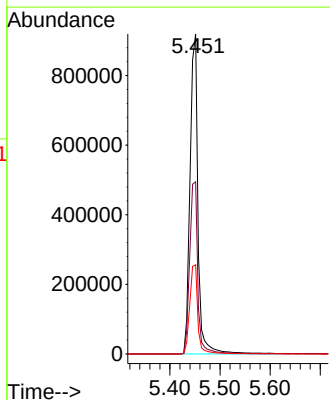
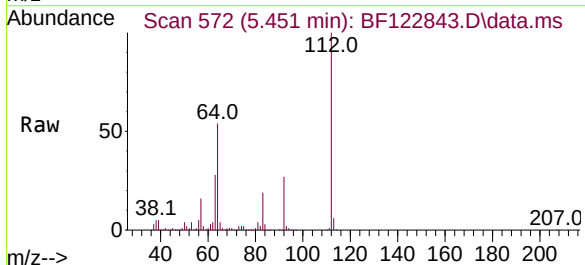
Instrument :
 BNA_F
 ClientSampleId :
 18

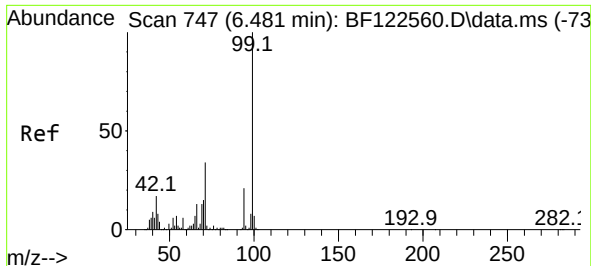
Tgt Ion:152 Resp: 152791
 Ion Ratio Lower Upper
 152 100
 150 161.9 125.8 188.6
 115 62.0 49.3 73.9



#5
 2-Fluorophenol
 Concen: 104.78 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.017 min
 Lab File: BF122843.D
 Acq: 23 Dec 2020 21:09

Tgt Ion:112 Resp: 1011264
 Ion Ratio Lower Upper
 112 100
 64 53.8 46.9 70.3
 63 27.8 24.5 36.7

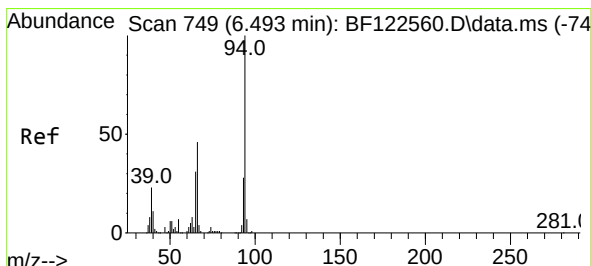
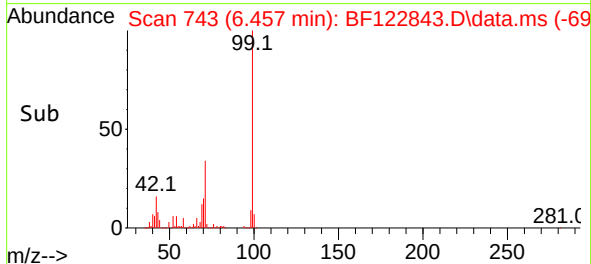
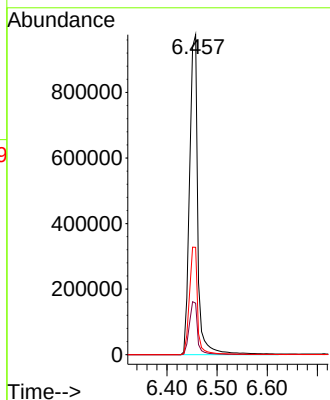
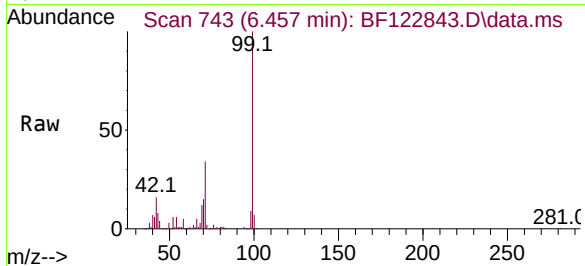




#7
Phenol-d6
Concen: 87.41 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

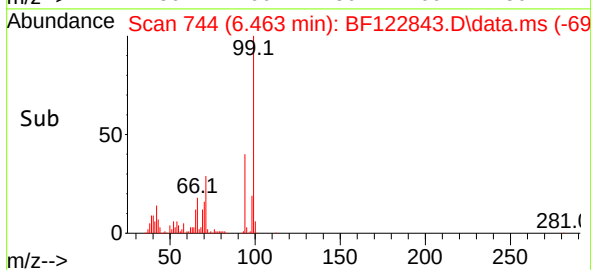
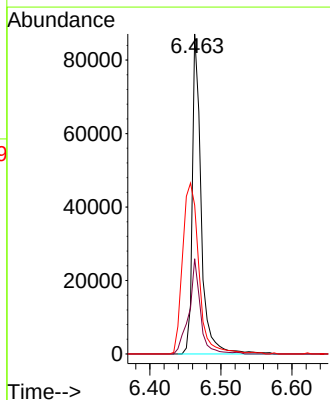
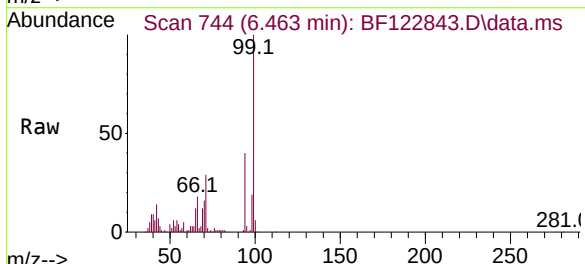
Instrument :
BNA_F
ClientSampleId :
18

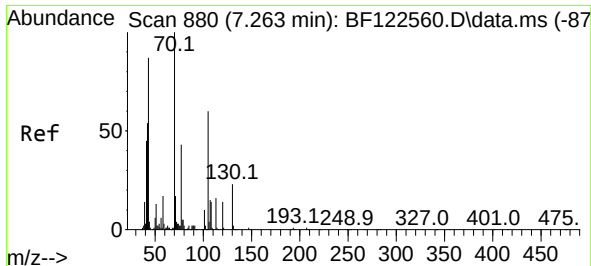
Tgt Ion: 99 Resp: 1118841
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 33.5 26.9 40.3



#10
Phenol
Concen: 5.72 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Tgt Ion: 94 Resp: 75918
Ion Ratio Lower Upper
94 100
65 29.7 11.2 51.2
66 46.5 25.8 65.8



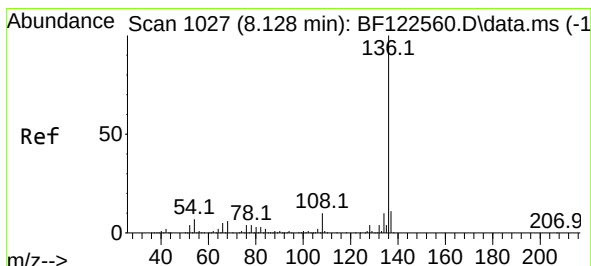
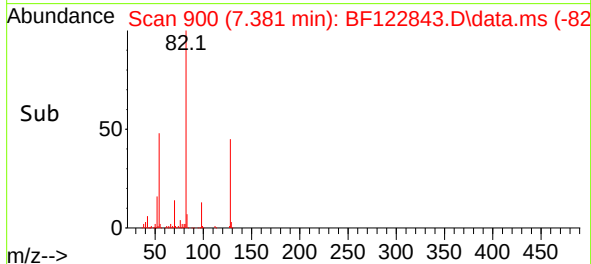
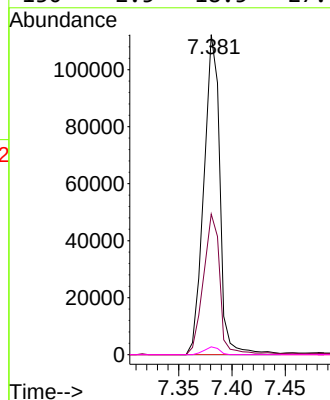
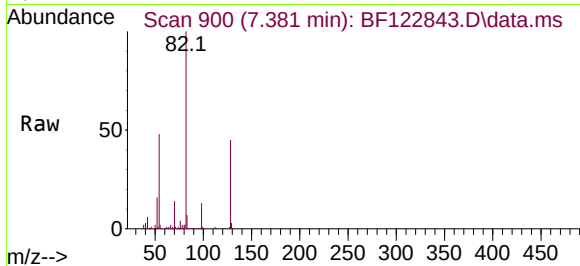


#19
n-Nitroso-di-n-propylamine
Concen: 16.09 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Instrument :
BNA_F
ClientSampleId :
18

Tgt Ion: 70 Resp: 117995

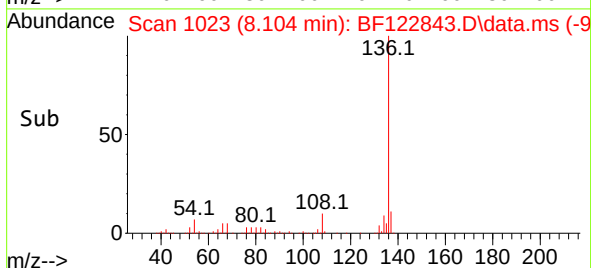
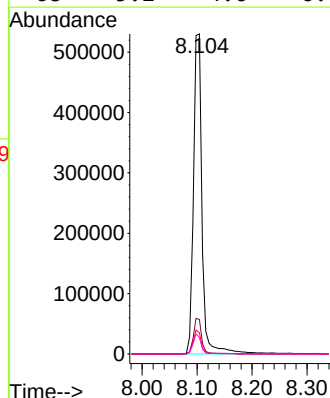
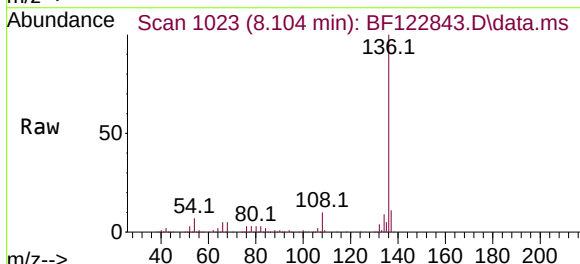
Ion	Ratio	Lower	Upper
70	100		
42	44.0	43.0	64.4
101	0.0	7.9	11.9#
130	2.5	18.5	27.7#

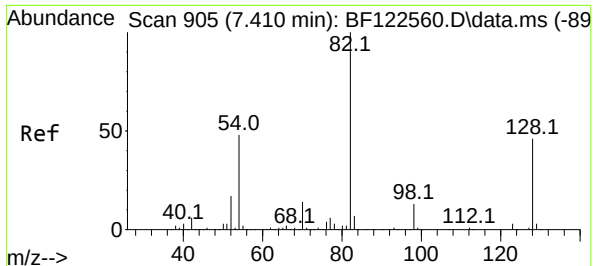


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Tgt Ion: 136 Resp: 571135

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.5	8.3
68	5.2	4.6	6.8





#23

Nitrobenzene-d5

Concen: 79.49 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF122843.D

Acq: 23 Dec 2020 21:09

Tgt Ion: 82 Resp: 906173

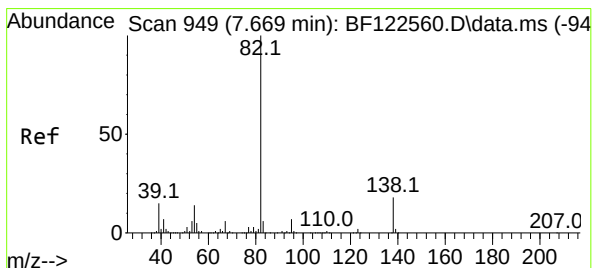
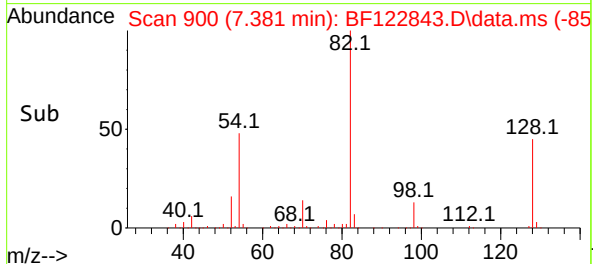
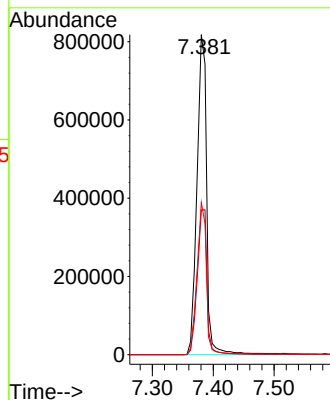
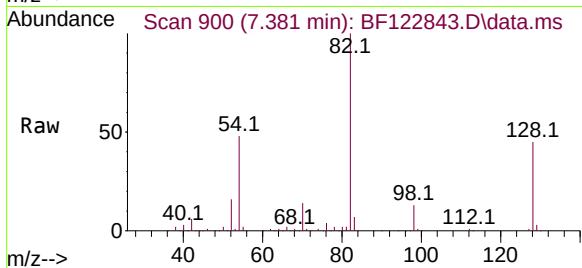
Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.4
54	47.5	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

18



#25

Isophorone

Concen: 46.15 ng

RT: 7.381 min Scan# 900

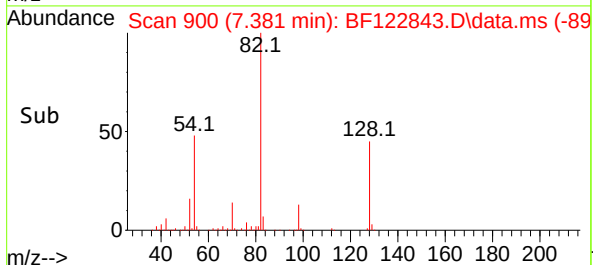
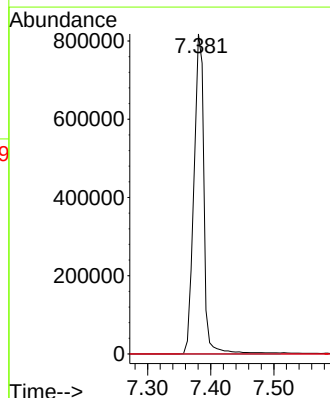
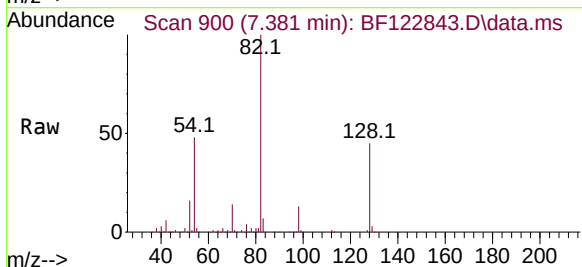
Delta R.T. -0.265 min

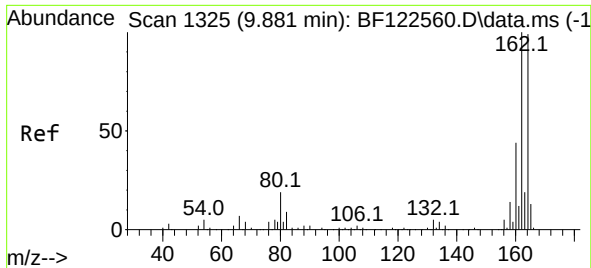
Lab File: BF122843.D

Acq: 23 Dec 2020 21:09

Tgt Ion: 82 Resp: 906167

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

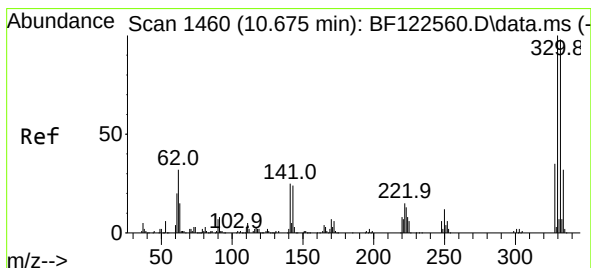
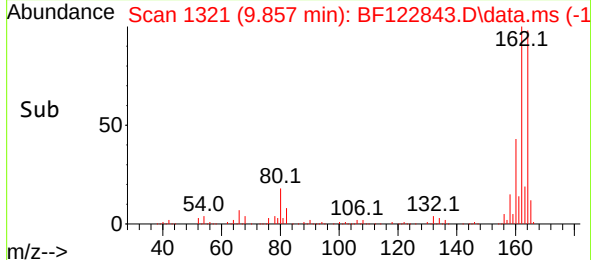
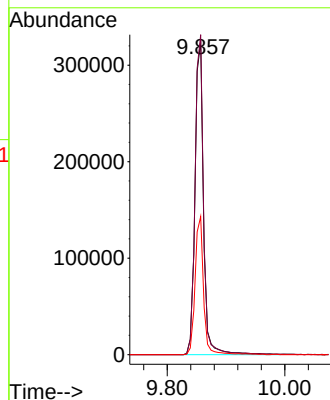
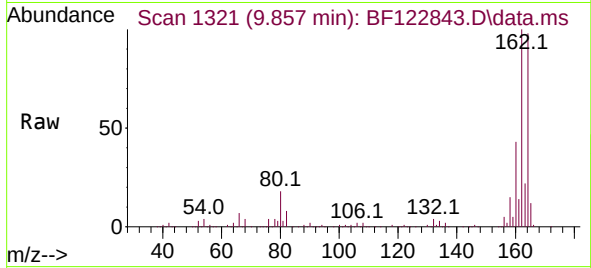




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

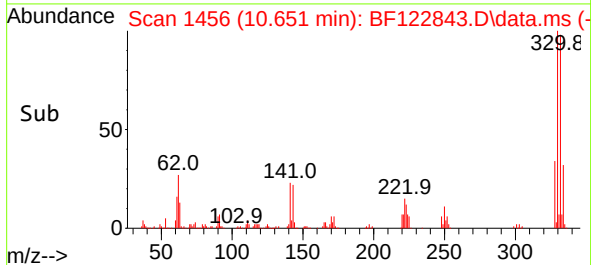
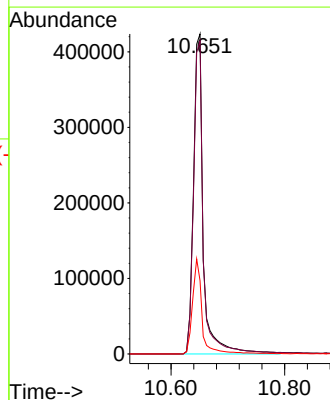
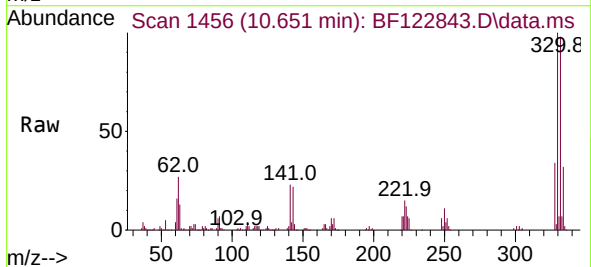
Instrument :
BNA_F
ClientSampleId :
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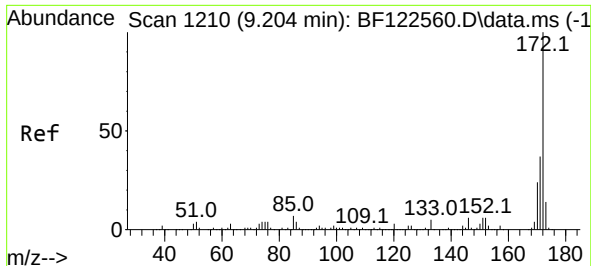
Tgt Ion:164 Resp: 325210
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 119.82 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Tgt Ion:330 Resp: 510047
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 29.1 23.8 35.8

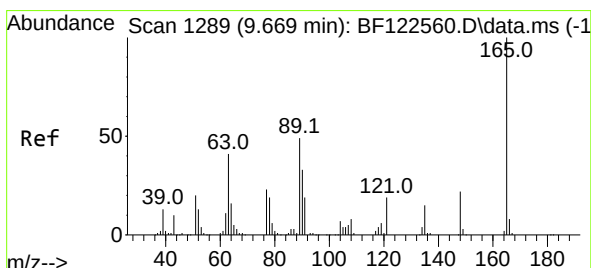
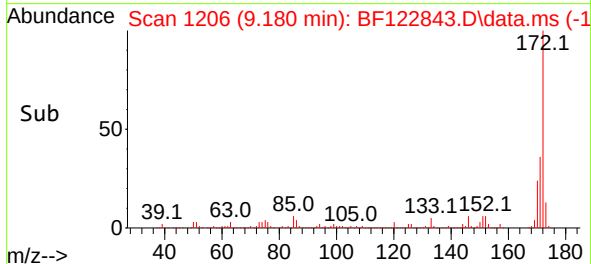
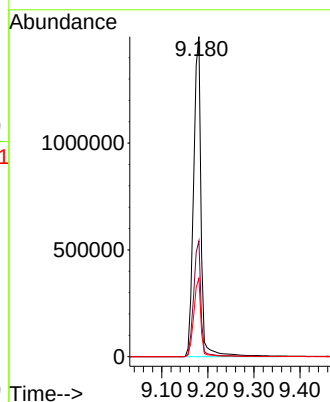
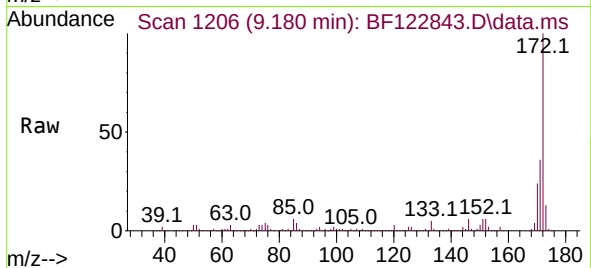




#45
2-Fluorobiphenyl
Concen: 70.51 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

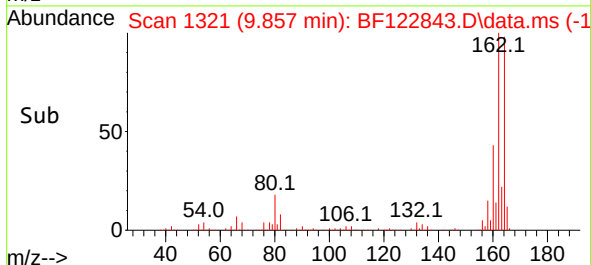
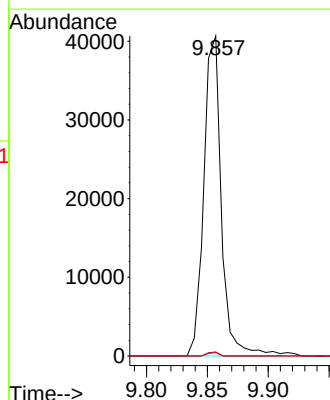
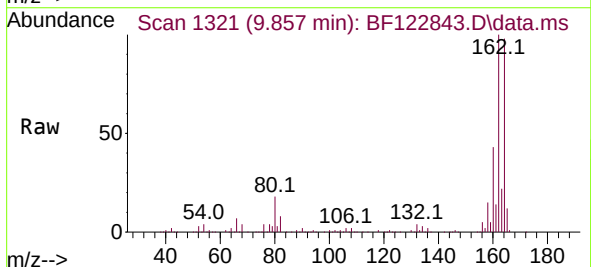
Instrument :
BNA_F
ClientSampleId :
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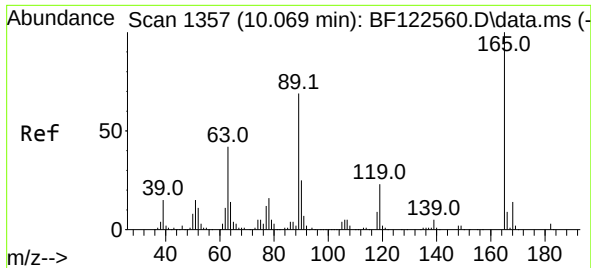
Tgt Ion:172 Resp: 1695306
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.5 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.44 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

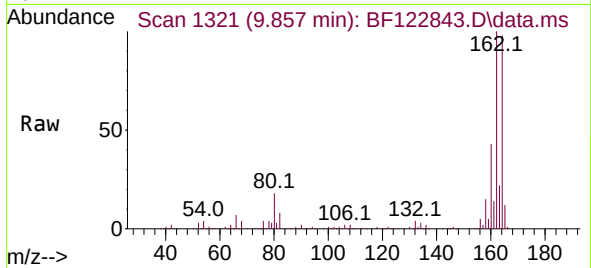
Tgt Ion:165 Resp: 40787
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.0 39.4 59.0#



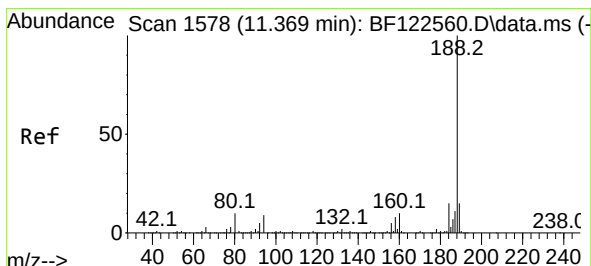
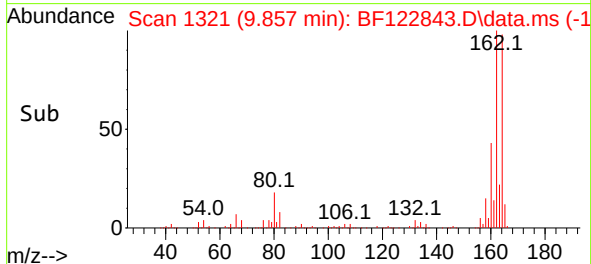
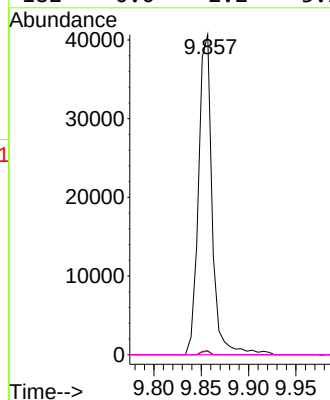


#57
2,4-Dinitrotoluene
Concen: 5.62 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Instrument :
BNA_F
ClientSampleId :
18

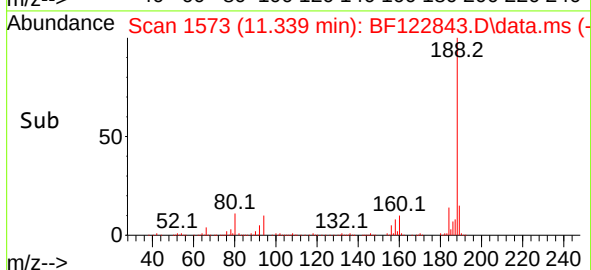
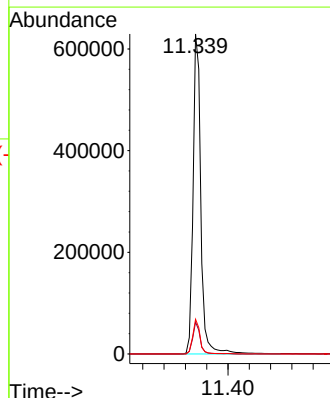
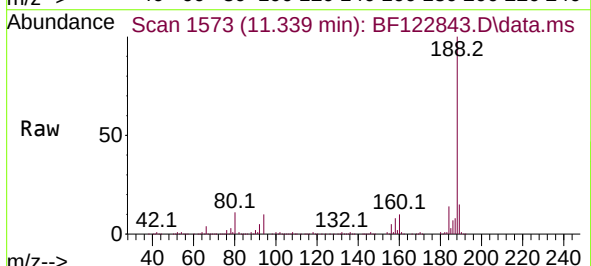


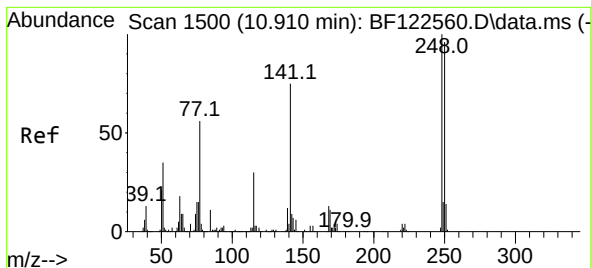
Tgt Ion:165 Resp: 41047
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.0 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Tgt Ion:188 Resp: 638591
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.9 8.2 12.4

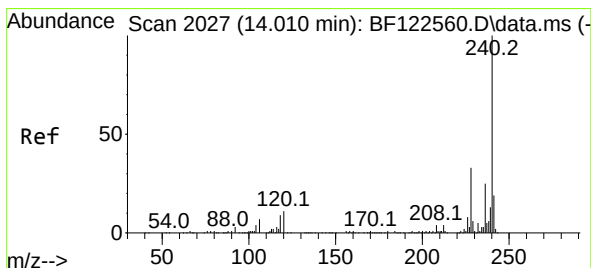
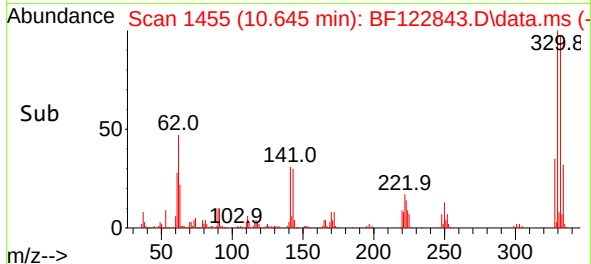
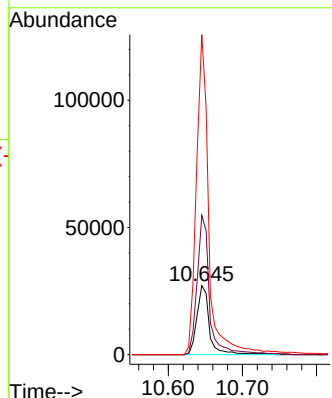
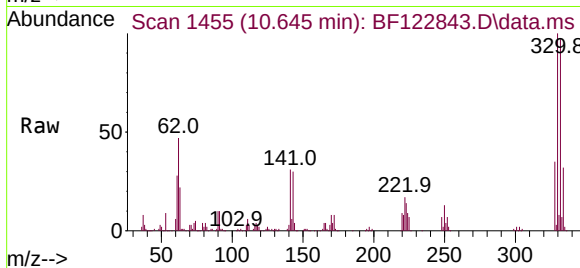




#67
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

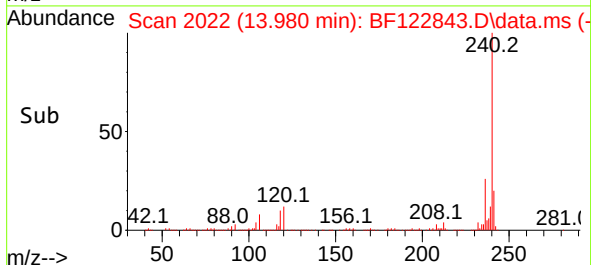
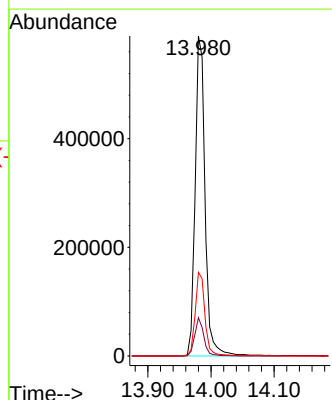
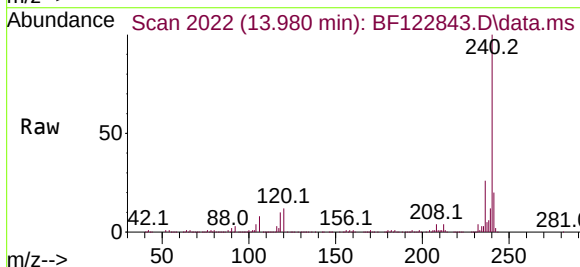
Instrument :
BNA_F
ClientSampleId :
18

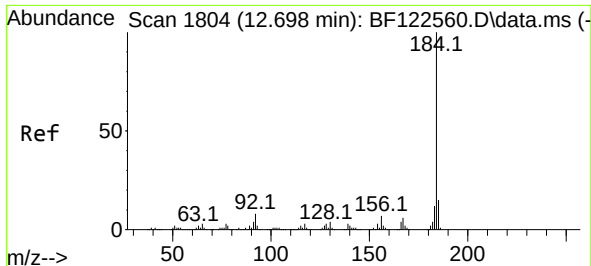
Tgt Ion:248 Resp: 32139
Ion Ratio Lower Upper
248 100
250 201.5 76.8 115.2#
141 462.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

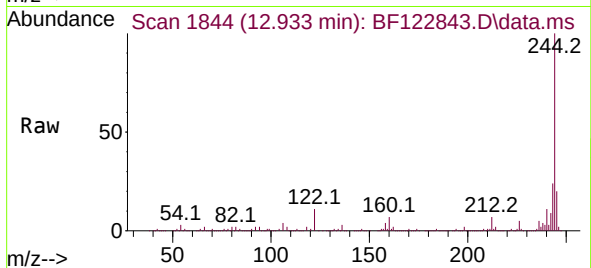
Tgt Ion:240 Resp: 641378
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.1 20.3 30.5



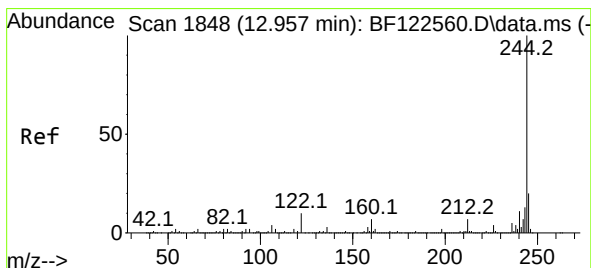
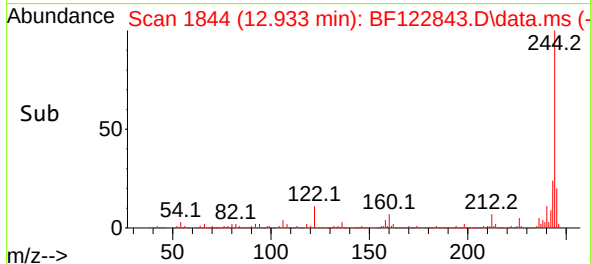
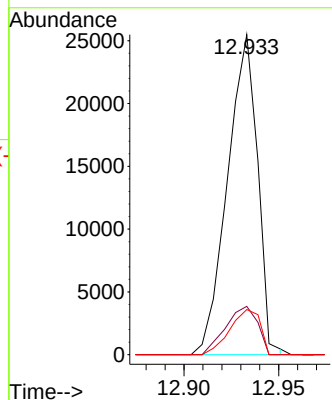


#77
Benzidine
Concen: 2.02 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.253 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Instrument :
BNA_F
ClientSampled :
18

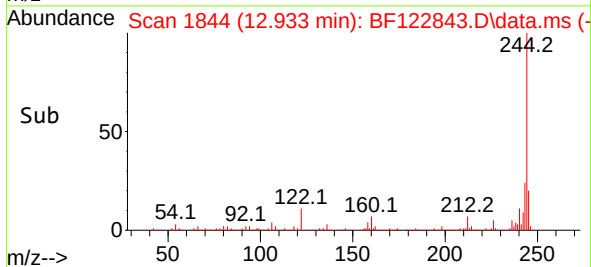
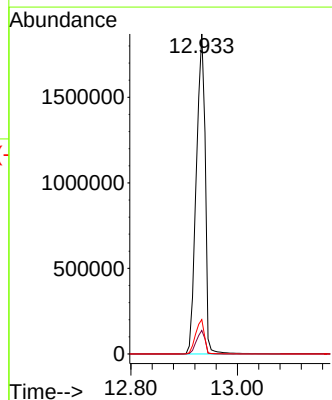
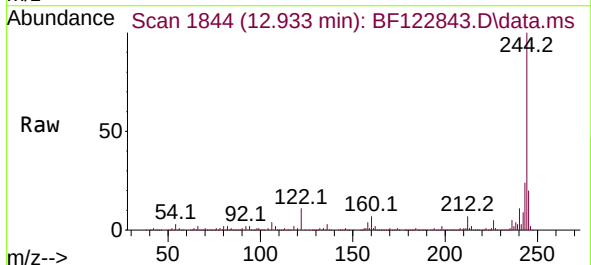


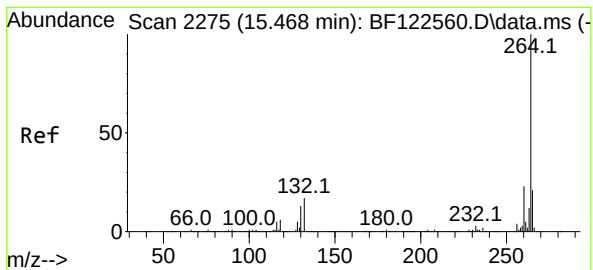
Tgt Ion:184 Resp: 28036
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.6
183 14.1 9.7 14.5



#79
Terphenyl-d14
Concen: 59.55 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

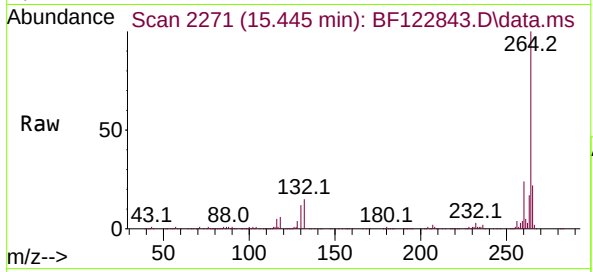
Tgt Ion:244 Resp: 2181873
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.8 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122843.D
Acq: 23 Dec 2020 21:09

Instrument :
BNA_F
ClientSampleId :
18



Tgt Ion:264 Resp: 607675

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.5	17.0	25.6

