

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124726.D
 Acq On : 23 Jul 2021 22:25
 Operator : JU/CG
 Sample : M3118-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 23:30:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

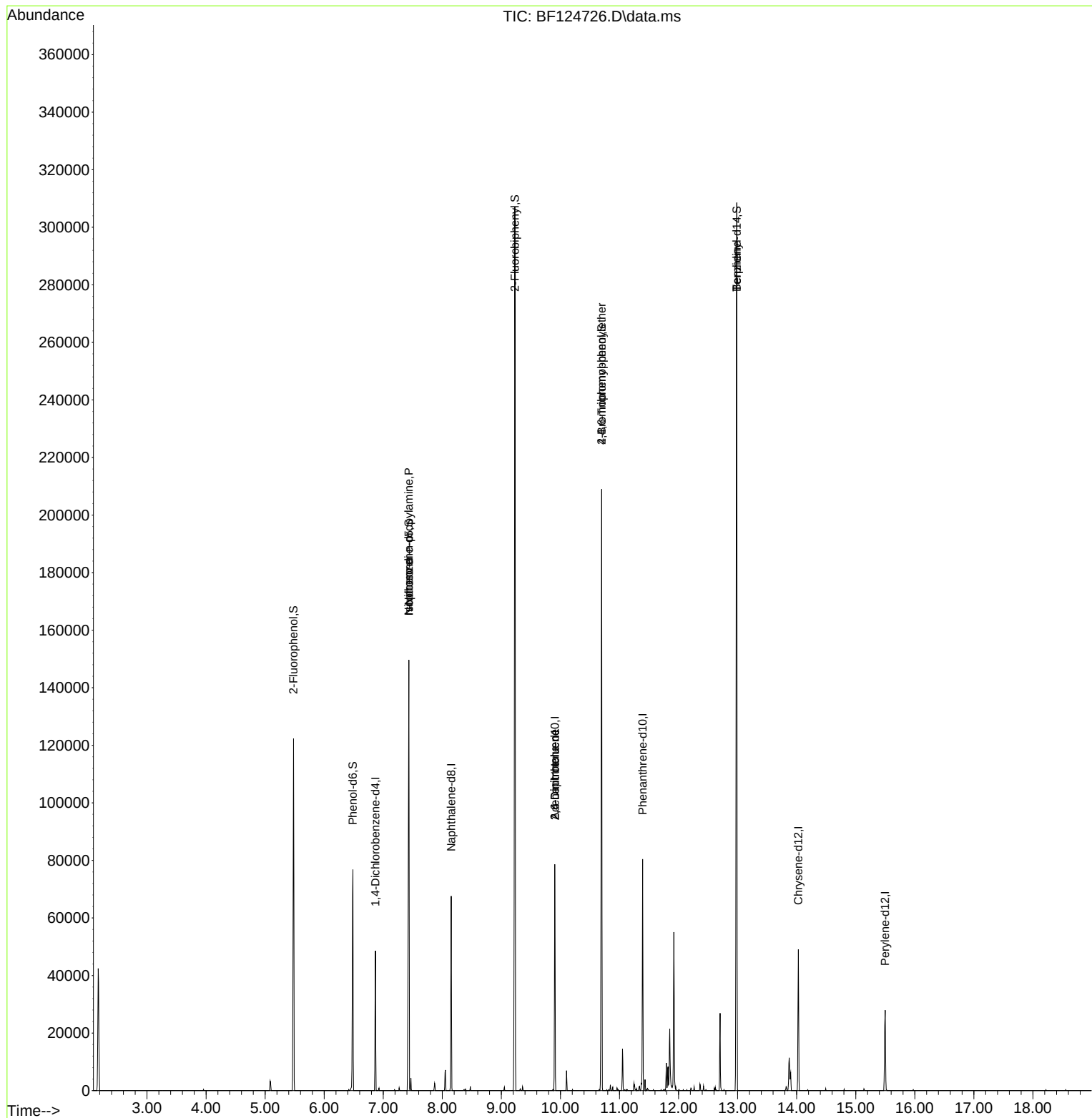
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6887	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	28254	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	15614	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	26696	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16481	20.00	ng	-0.01
86) Perylene-d12	15.498	264	13183	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	32333	79.49	ng	0.00
7) Phenol-d6	6.487	99	24012	47.09	ng	-0.01
23) Nitrobenzene-d5	7.434	82	47544	100.15	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	19880	148.29	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	103149	97.03	ng	0.00
79) Terphenyl-d14	12.986	244	109473	113.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	6008	22.06	ng	Qvalue # 74
25) Isophorone	7.434	82	47558	56.66	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1859	7.83	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1859	5.77	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1565	5.53	ng	# 1
77) Benzidine	12.986	184	1634	3.52	ng	# 69

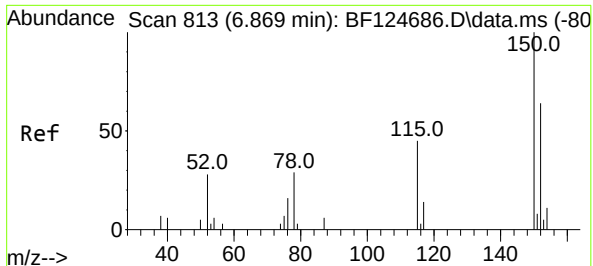
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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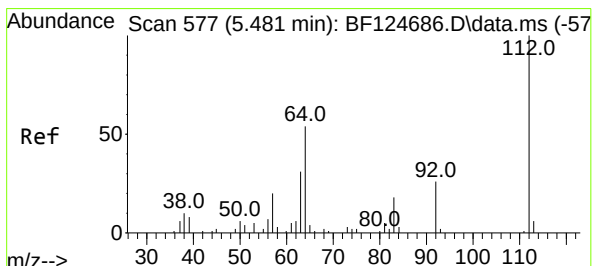
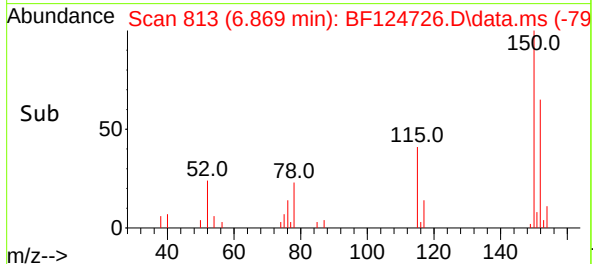
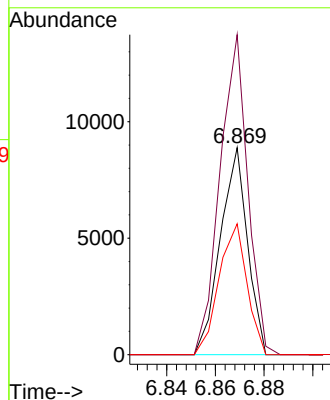
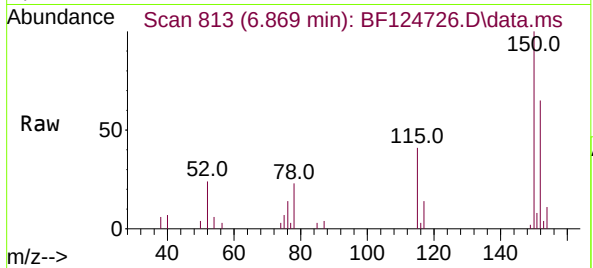




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

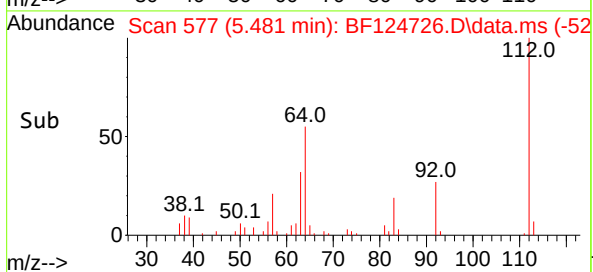
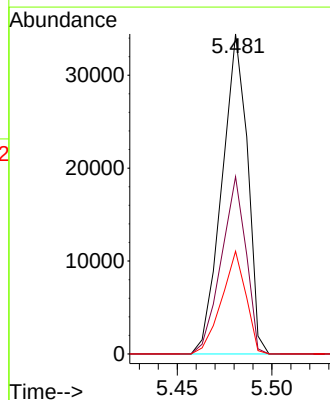
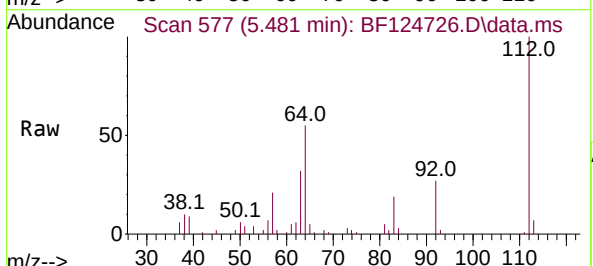
Instrument :
BNA_F
ClientSampleId :

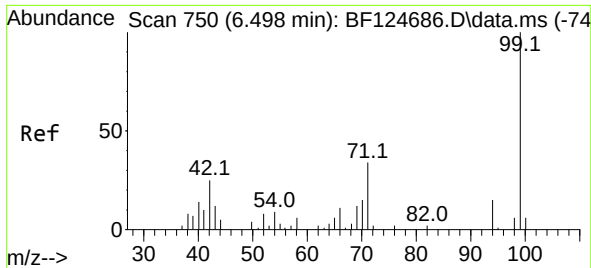
Tgt Ion:152 Resp: 6887
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 79.49 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

Tgt Ion:112 Resp: 32333
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 32.1 26.2 39.2

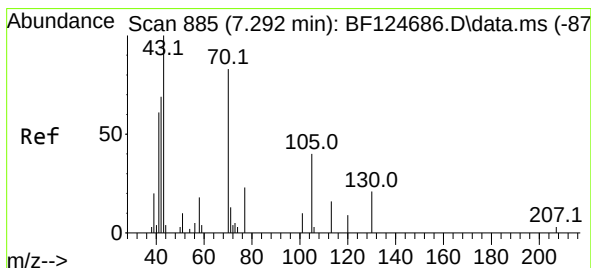
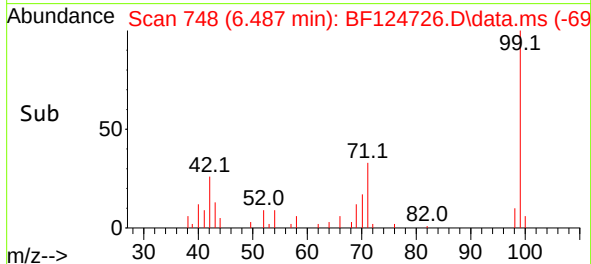
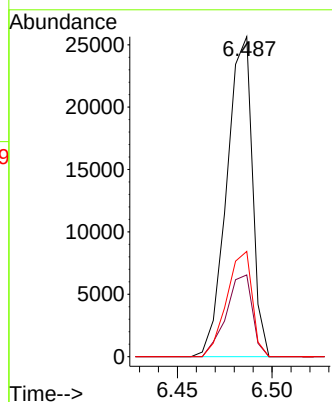
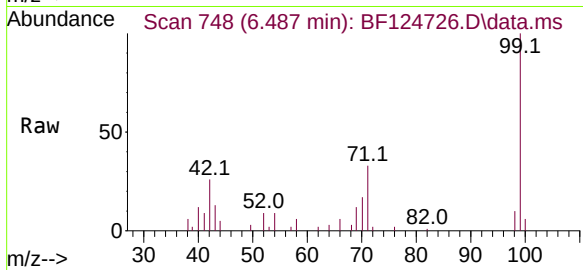




#7
Phenol-d6
Concen: 47.09 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

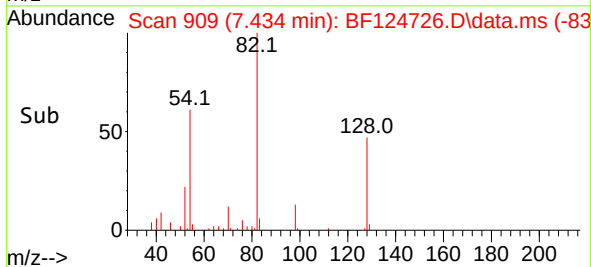
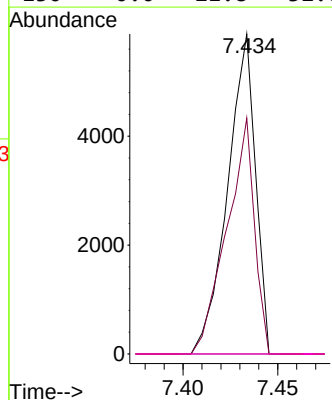
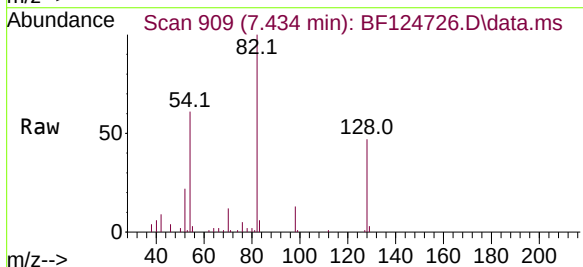
Instrument :
BNA_F
ClientSampleId :

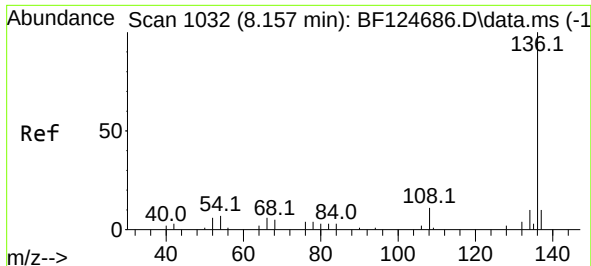
Tgt Ion:	99	Resp:	24012
Ion	Ratio	Lower	Upper
99	100		
42	25.5	23.5	35.3
71	32.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.06 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

Tgt Ion:	70	Resp:	6008
Ion	Ratio	Lower	Upper
70	100		
42	73.7	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



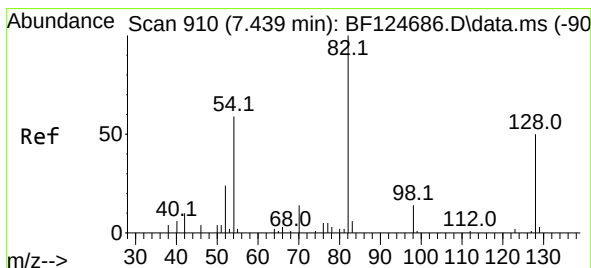
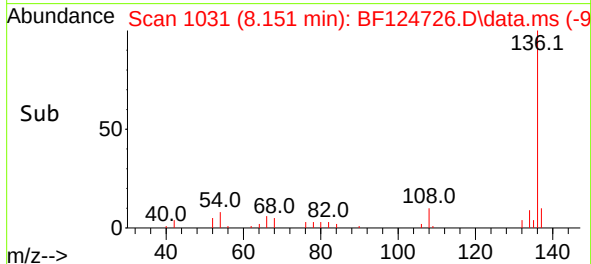
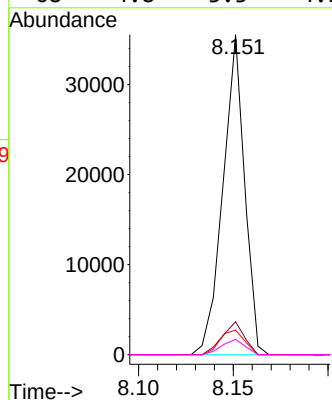
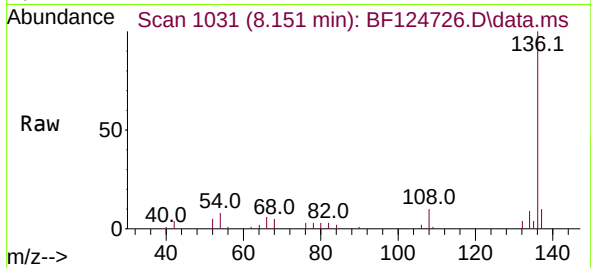


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 28254

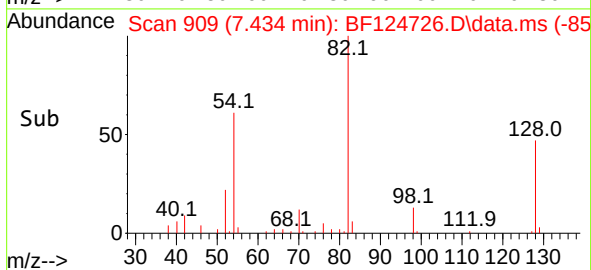
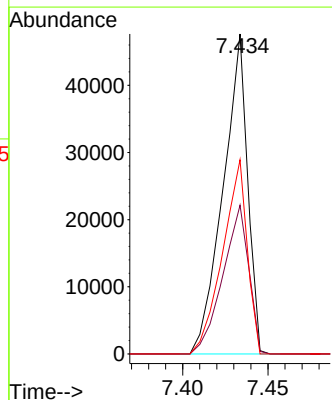
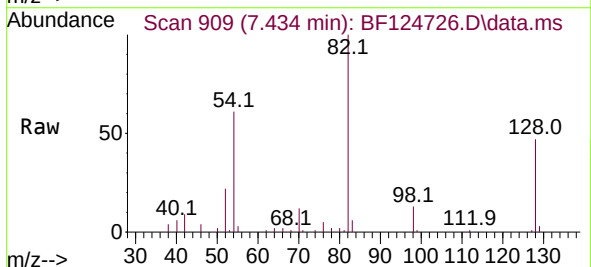
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	7.7	6.4	9.6
68	4.8	3.3	4.9

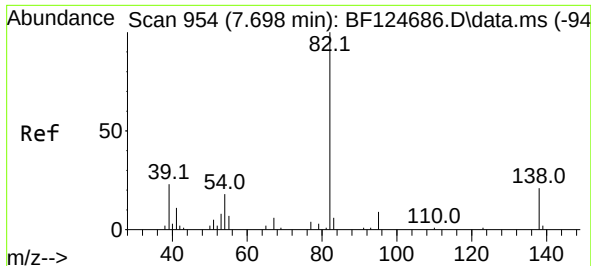


#23
Nitrobenzene-d5
Concen: 100.15 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

Tgt Ion: 82 Resp: 47544

Ion	Ratio	Lower	Upper
82	100		
128	46.5	40.6	60.8
54	60.7	49.6	74.4

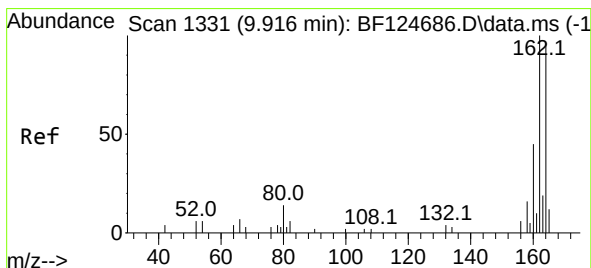
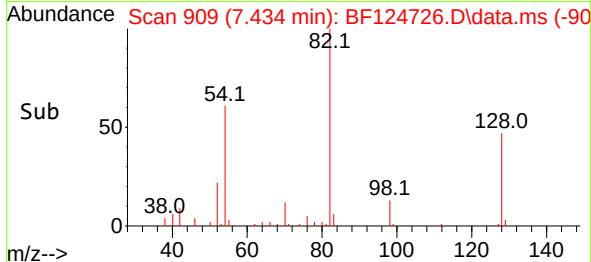
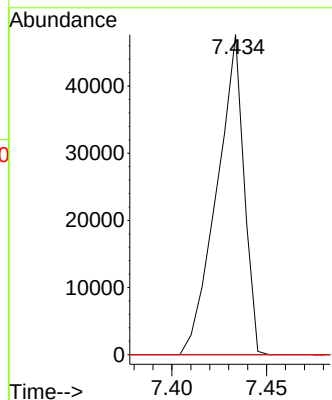
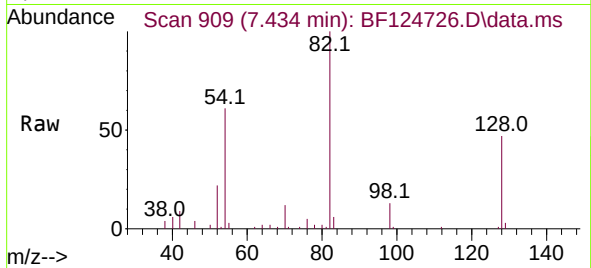




#25
Isophorone
Concen: 56.66 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

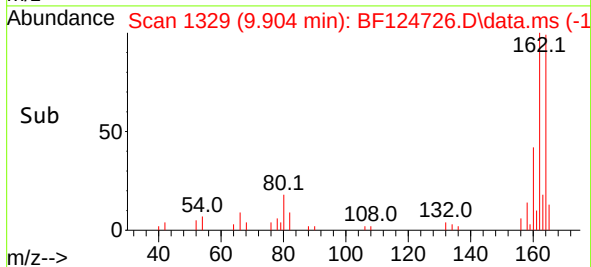
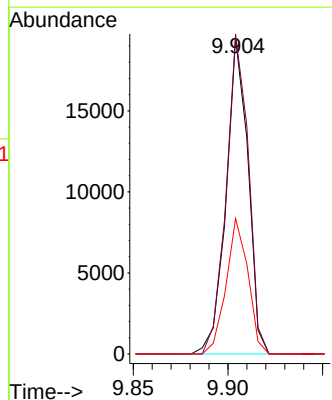
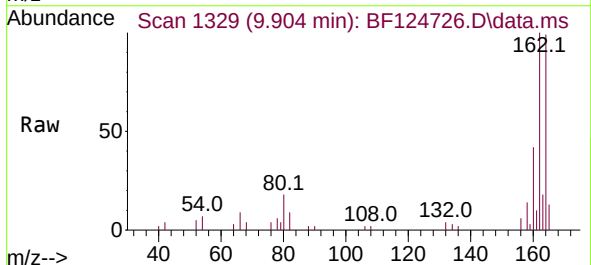
Instrument :
BNA_F
ClientSampleId :

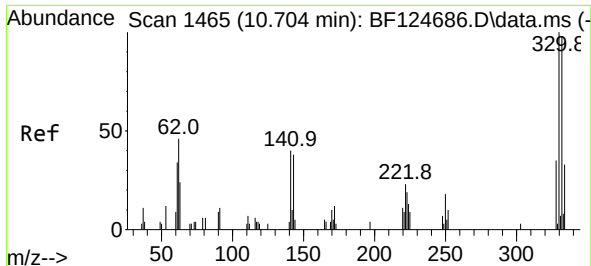
Tgt Ion: 82 Resp: 47558
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

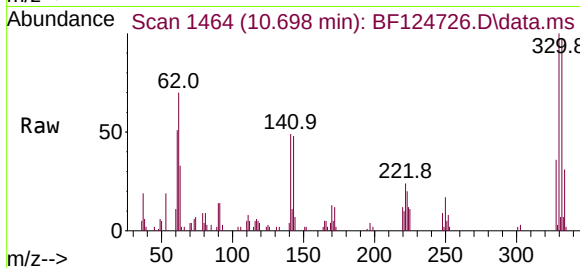
Tgt Ion: 164 Resp: 15614
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 42.9 38.0 57.0



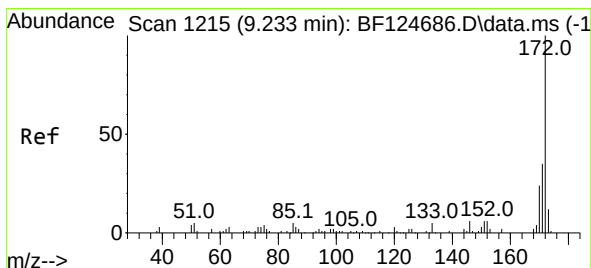
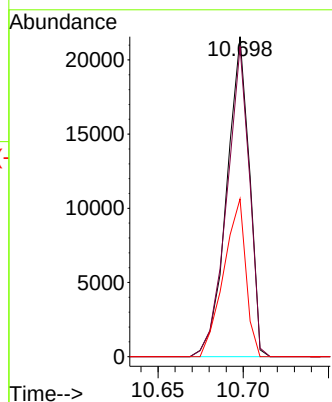
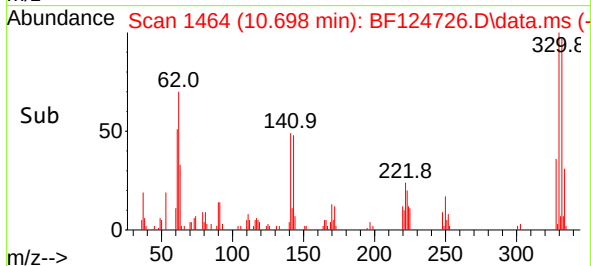


#42
2,4,6-Tribromophenol
Concen: 148.29 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

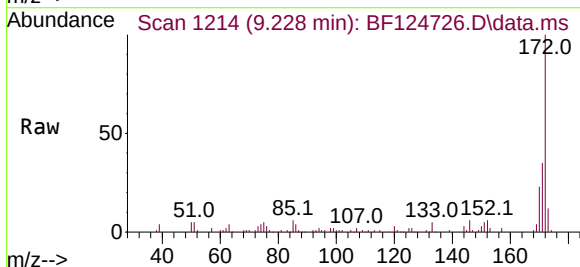
Instrument :
BNA_F
ClientSampleId :



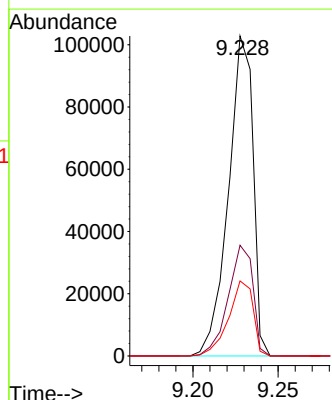
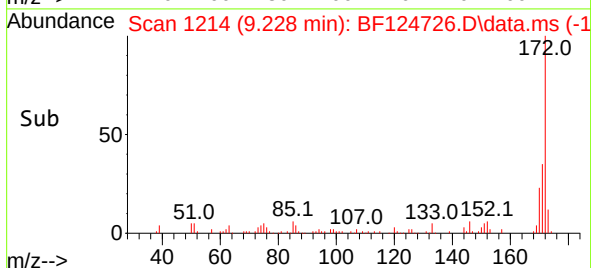
Tgt Ion: 330 Resp: 19880
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 48.4 44.6 66.8

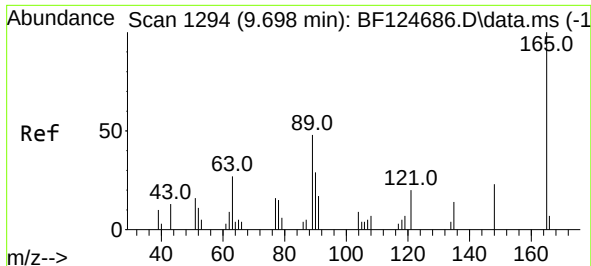


#45
2-Fluorobiphenyl
Concen: 97.03 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25



Tgt Ion: 172 Resp: 103149
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.4 18.8 28.2

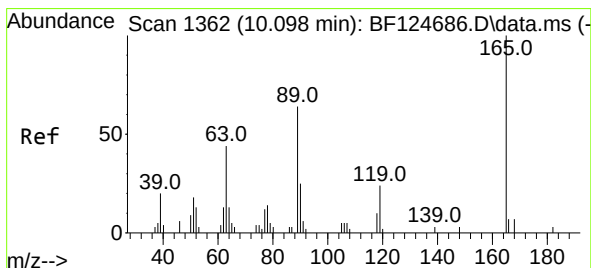
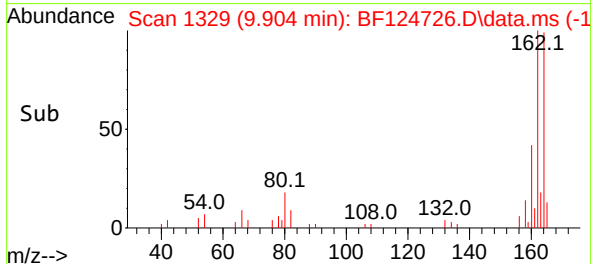
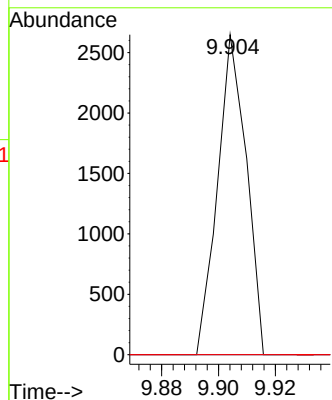
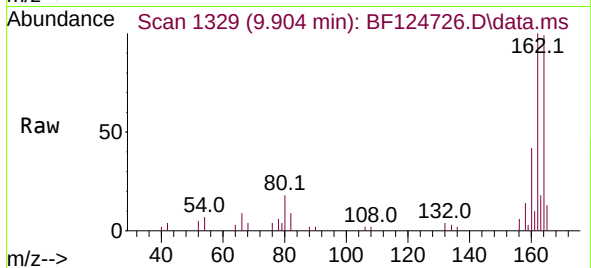




#51
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

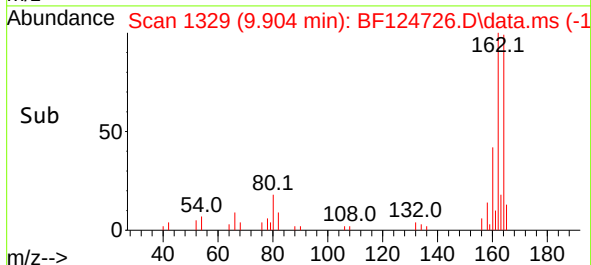
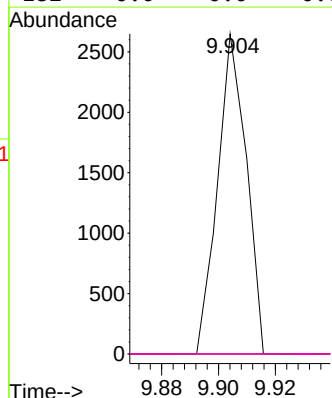
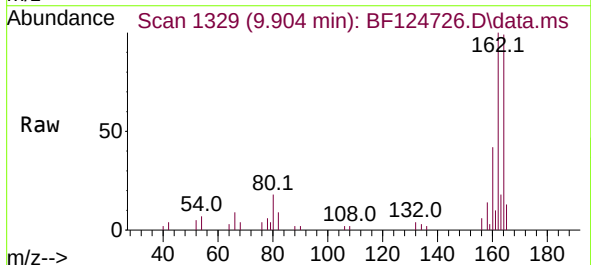
Instrument :
BNA_F
ClientSampleId :

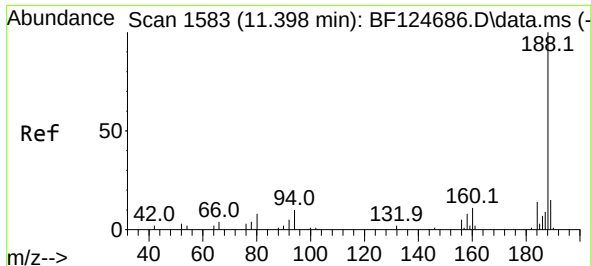
Tgt Ion:165 Resp: 1859
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.77 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

Tgt Ion:165 Resp: 1859
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

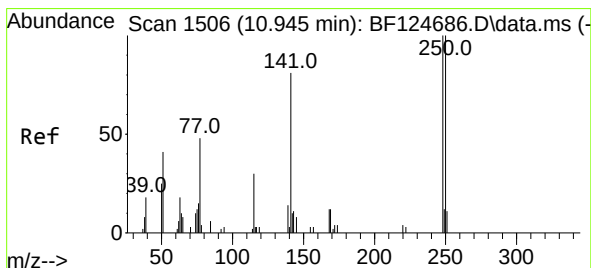
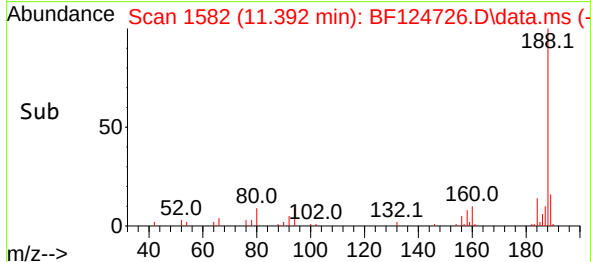
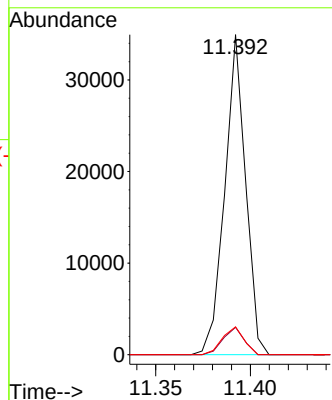
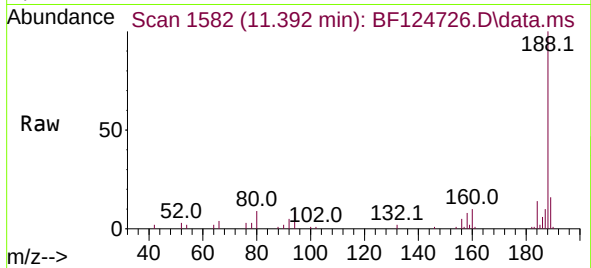




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

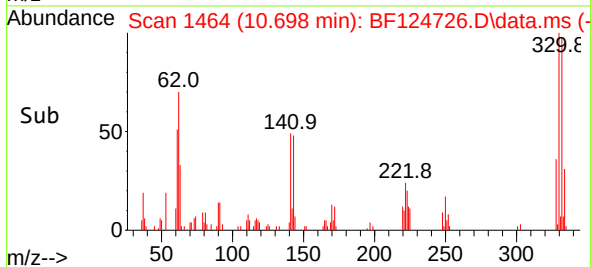
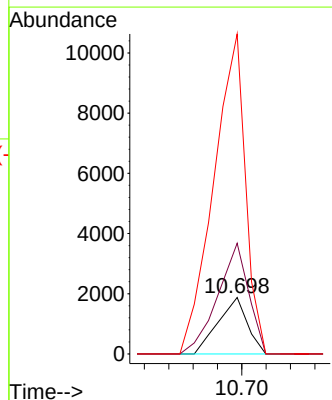
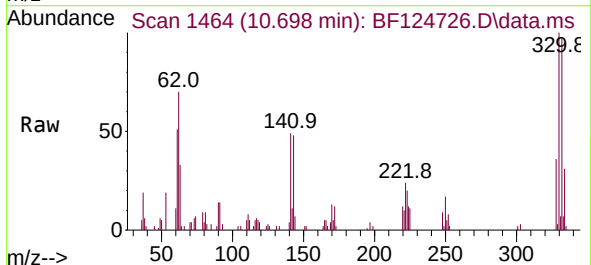
Instrument :
BNA_F
ClientSampleId :

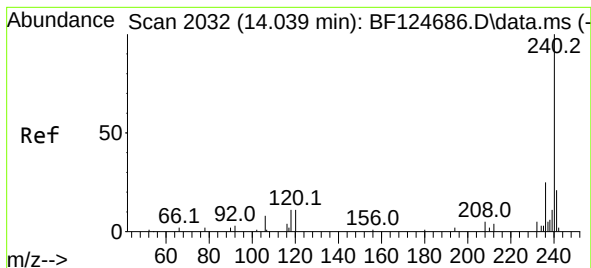
Tgt Ion:188 Resp: 26696
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.53 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

Tgt Ion:248 Resp: 1565
Ion Ratio Lower Upper
248 100
250 196.2 74.2 111.4#
141 566.6 60.4 90.6#

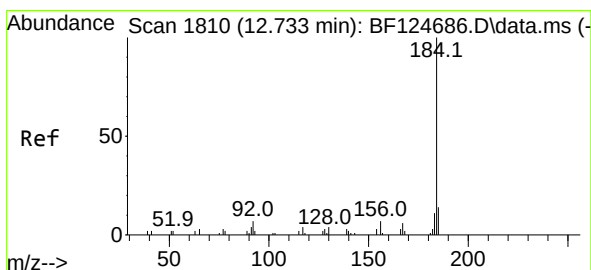
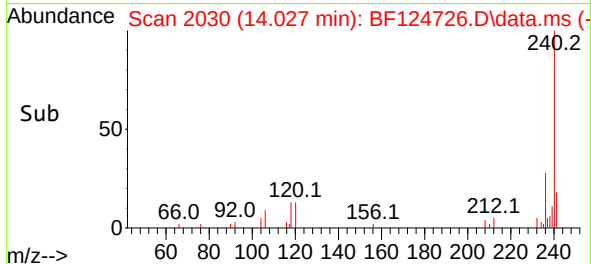
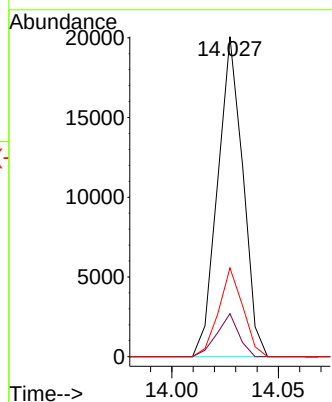
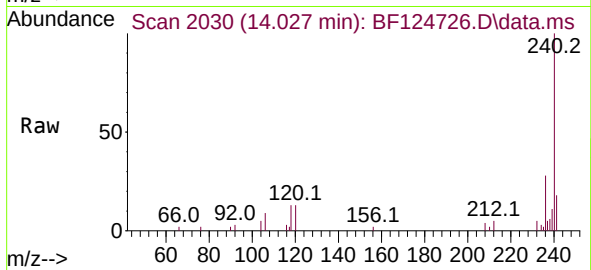




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

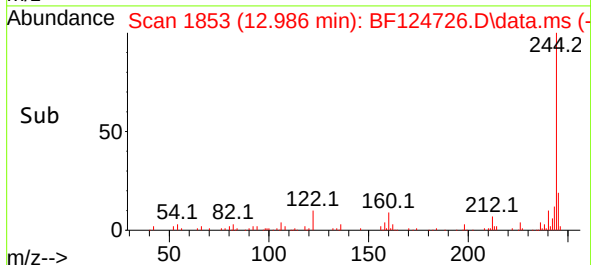
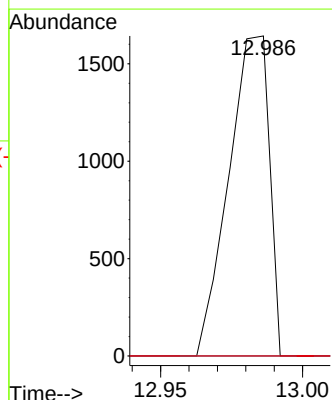
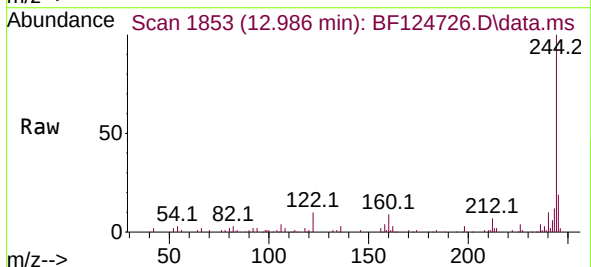
Instrument :
BNA_F
ClientSampleId :

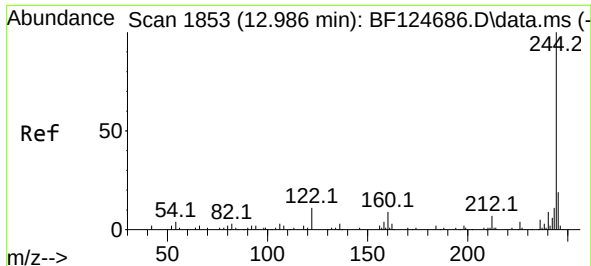
Tgt Ion:240 Resp: 16481
Ion Ratio Lower Upper
240 100
120 13.5 10.8 16.2
236 27.8 21.6 32.4



#77
Benzidine
Concen: 3.52 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124726.D
Acq: 23 Jul 2021 22:25

Tgt Ion:184 Resp: 1634
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

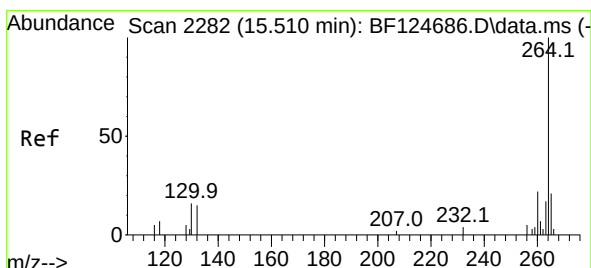
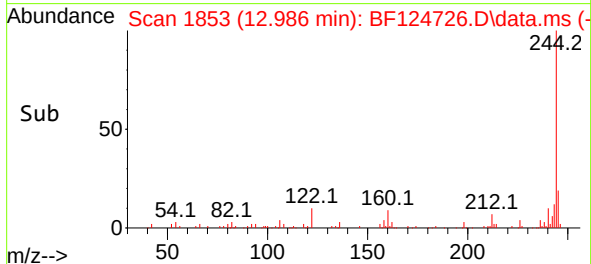
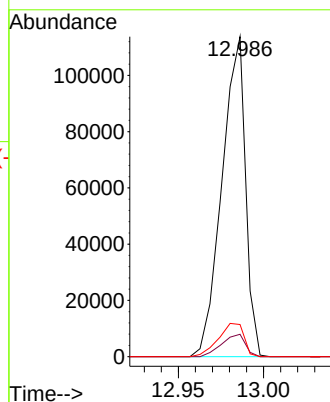
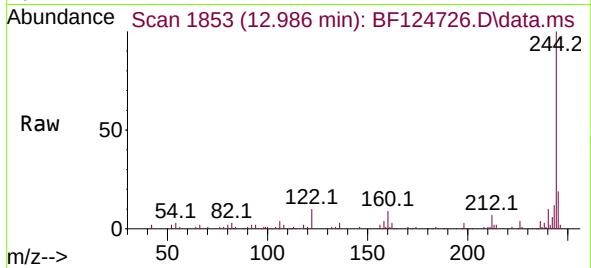




#79
 Terphenyl-d14
 Concen: 113.86 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF124726.D
 Acq: 23 Jul 2021 22:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 109473
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124726.D
 Acq: 23 Jul 2021 22:25

Tgt Ion:264 Resp: 13183
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 22.5 17.2 25.8

