

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124744.D
 Acq On : 24 Jul 2021 13:19
 Operator : JU/CG
 Sample : M3150-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C

Quant Time: Jul 25 04:28:11 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)

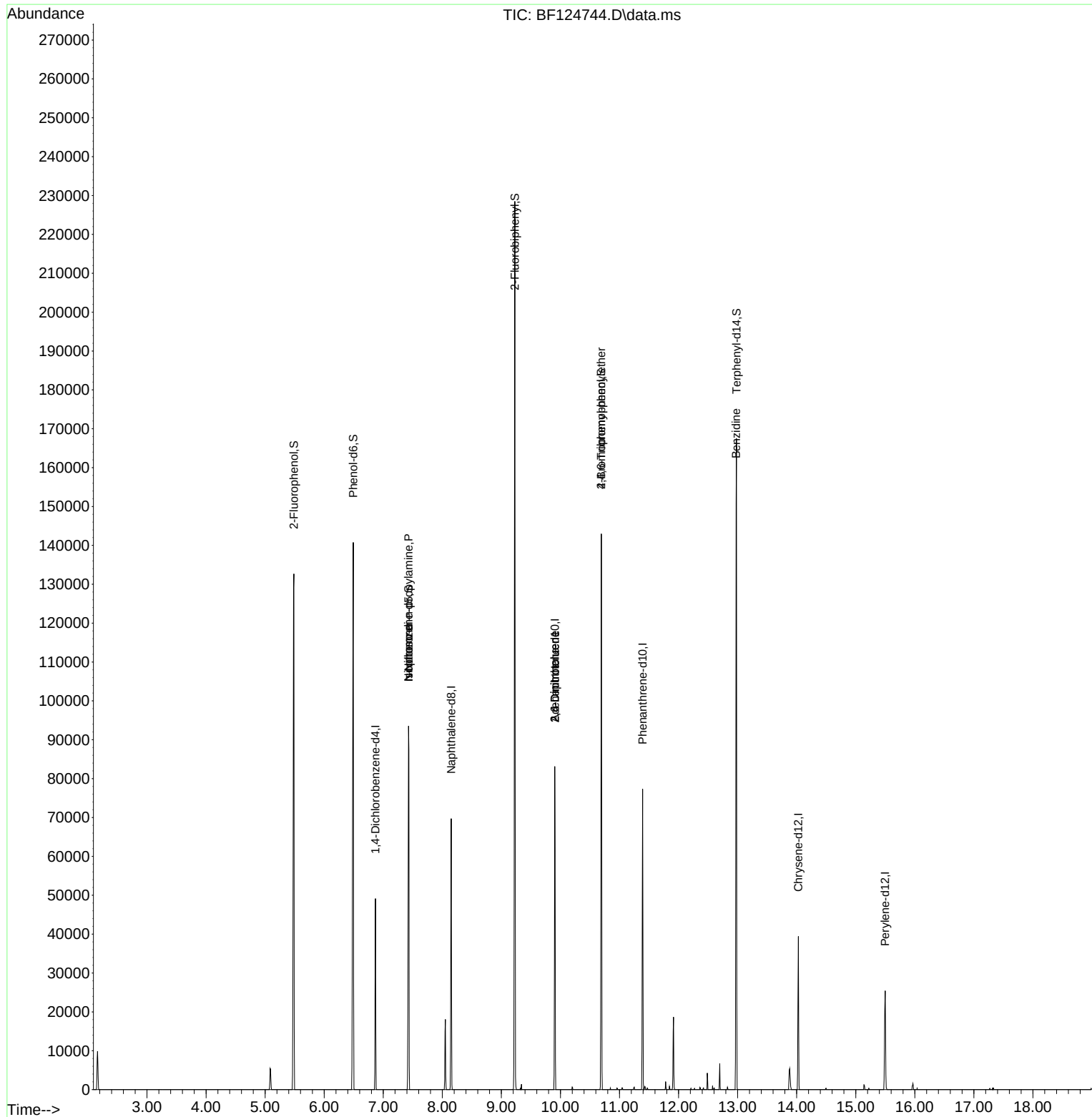
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6726	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	29204	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	16864	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	27292	20.000	ng	0.00
76) Chrysene-d12	14.027	240	13087	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12507	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	39075	98.365	ng	0.00
7) Phenol-d6	6.492	99	46997	94.370	ng	0.00
23) Nitrobenzene-d5	7.428	82	30214	61.576	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	12819	88.533	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	65936	57.426	ng	0.00
79) Terphenyl-d14	12.980	244	55512	72.710	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	3905	14.684	ng	# 73
25) Isophorone	7.428	82	30214	34.824	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	2152	8.389	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	2152	6.182	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	1103	3.811	ng	# 1
77) Benzidine	12.974	184	884	2.395	ng	# 69

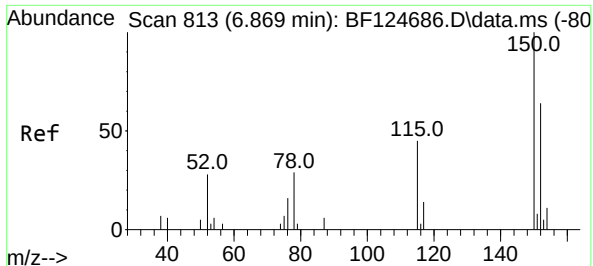
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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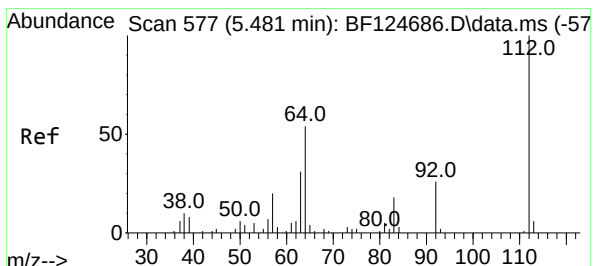
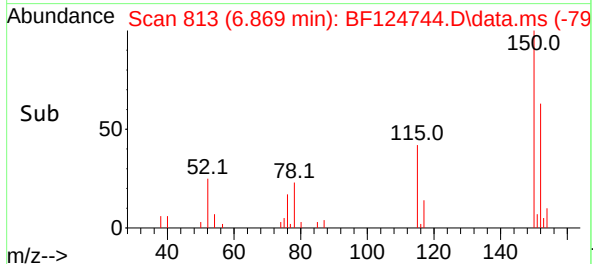
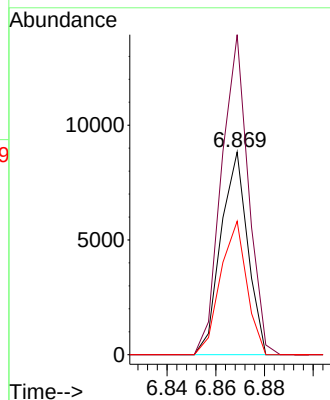
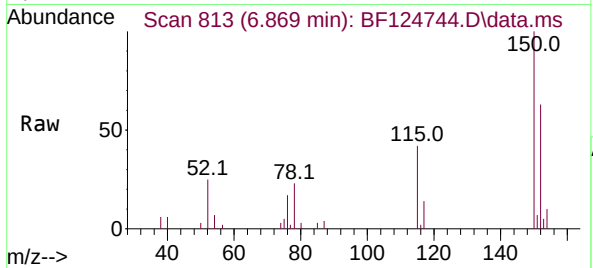




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

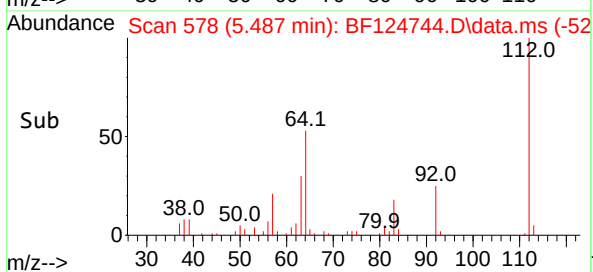
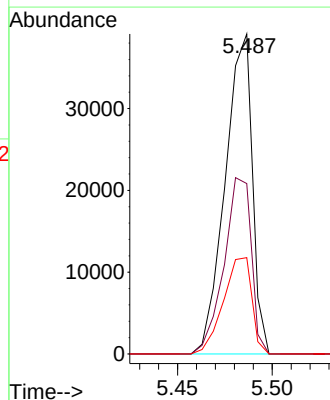
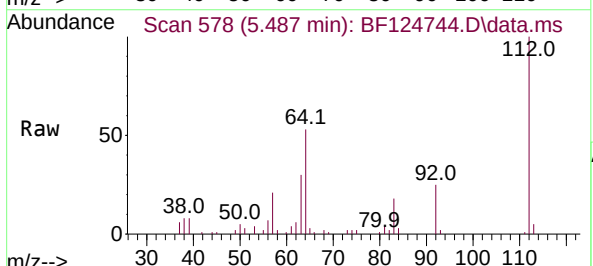
Instrument :
BNA_F
ClientSampled :
TP-C

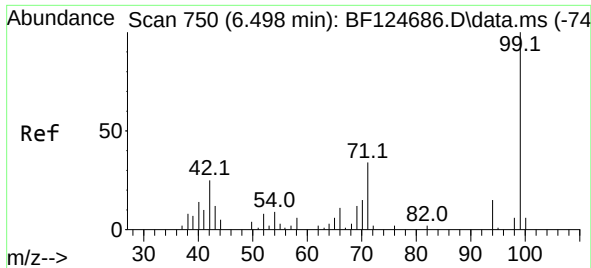
Tgt Ion:152 Resp: 6726
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 98.365 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion:112 Resp: 39075
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 30.1 26.2 39.2

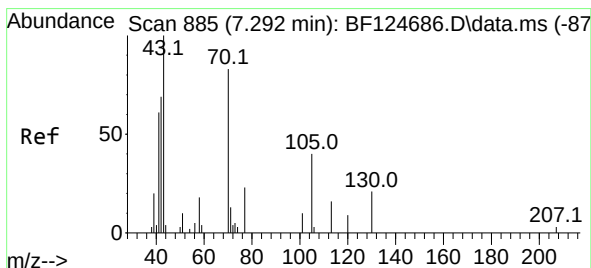
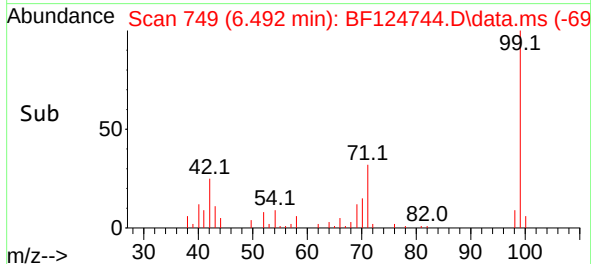
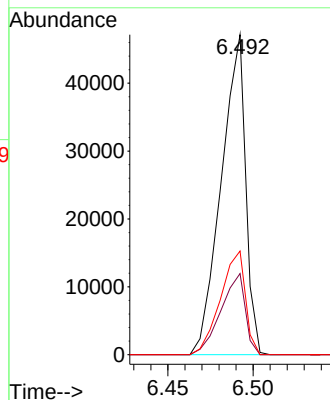
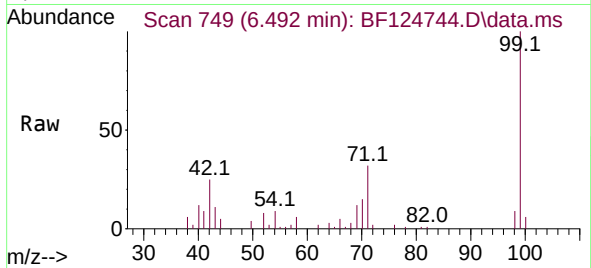




#7
Phenol-d6
Concen: 94.370 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

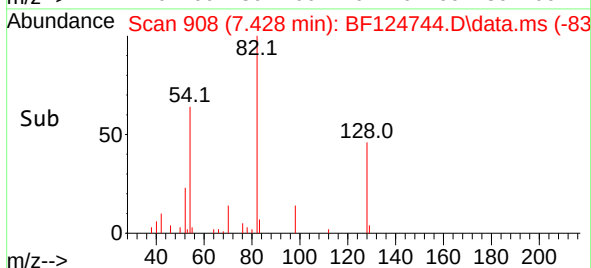
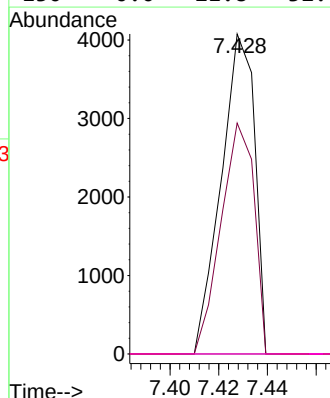
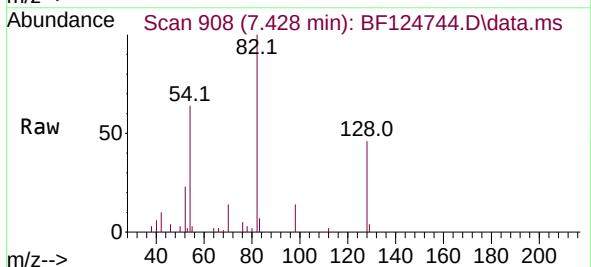
Instrument :
BNA_F
ClientSampleId :
TP-C

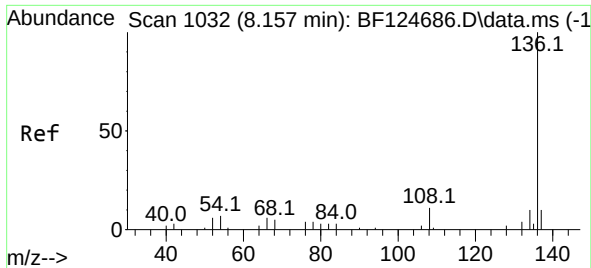
Tgt Ion:	99	Resp:	46997
Ion	Ratio	Lower	Upper
99	100		
42	25.3	23.5	35.3
71	32.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.684 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion:	70	Resp:	3905
Ion	Ratio	Lower	Upper
70	100		
42	72.2	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

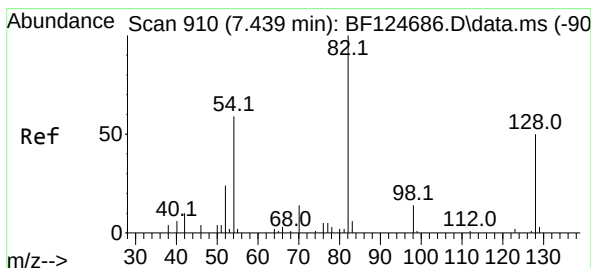
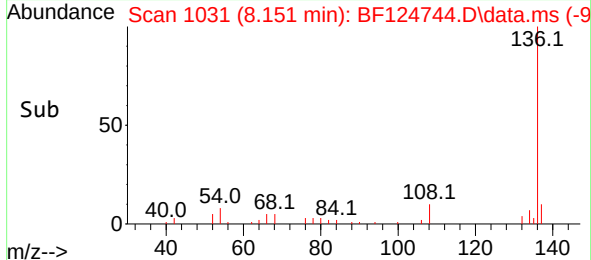
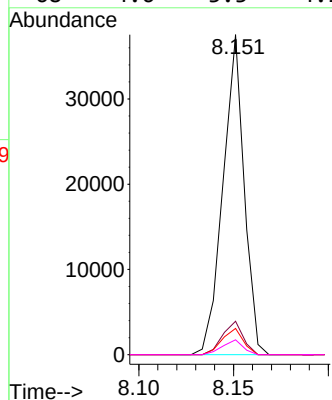
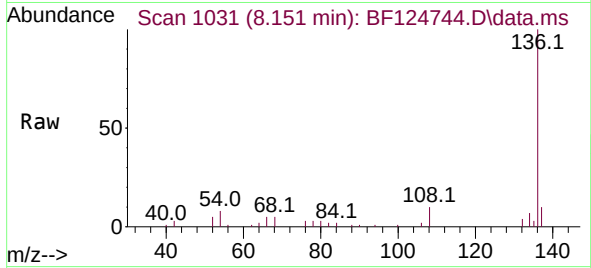




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

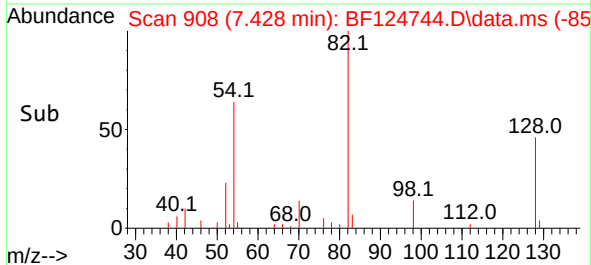
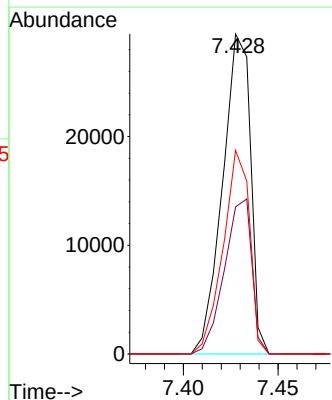
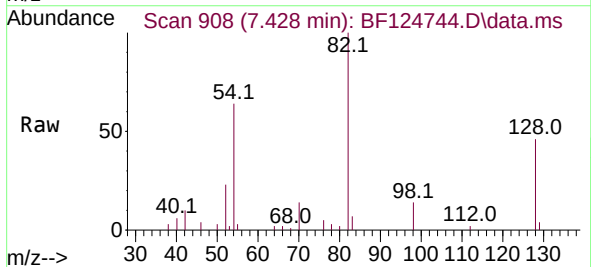
Instrument :
BNA_F
ClientSampled :
TP-C

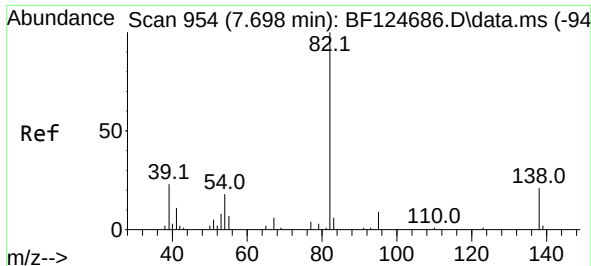
Tgt Ion:136	Resp:	29204
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.8 14.6
54	8.2	6.4 9.6
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 61.576 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion: 82	Resp:	30214
Ion Ratio	Lower	Upper
82	100	
128	45.9	40.6 60.8
54	63.6	49.6 74.4

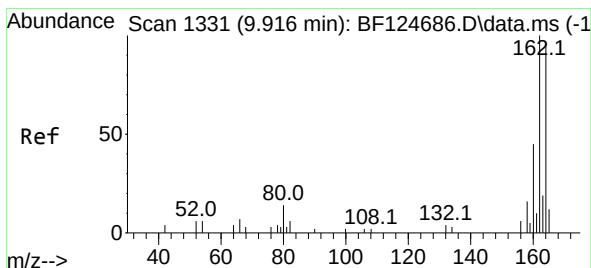
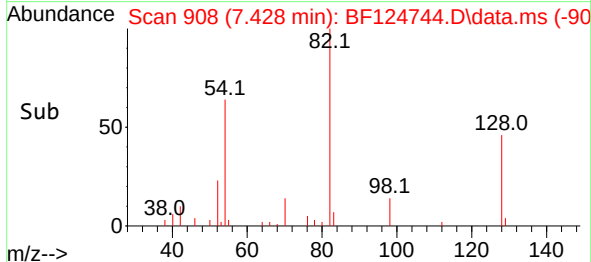
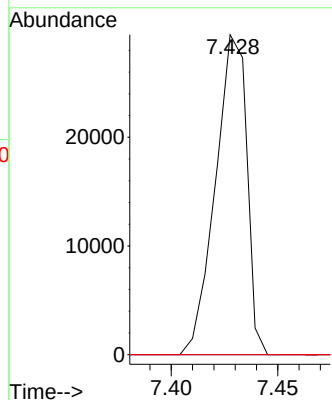
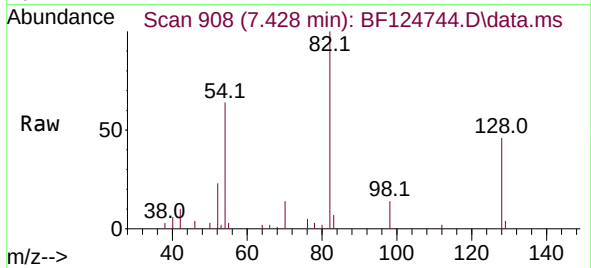




#25
Isophorone
Concen: 34.824 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

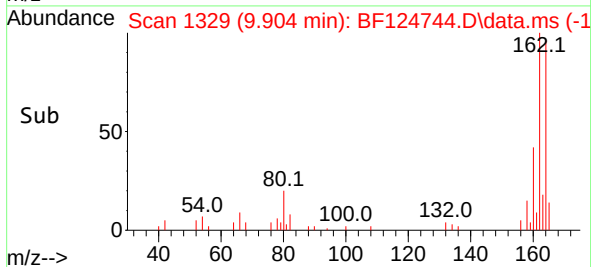
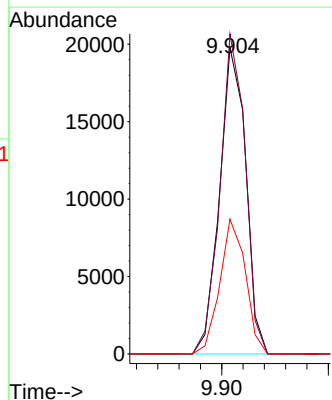
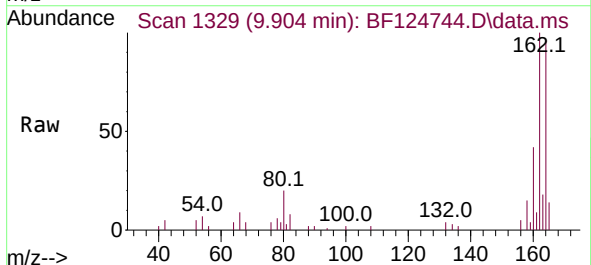
Instrument :
BNA_F
ClientSampleId :
TP-C

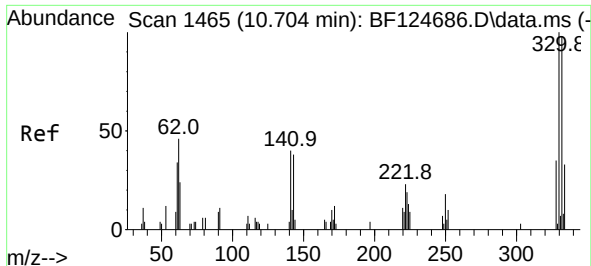
Tgt Ion: 82 Resp: 30214
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion: 164 Resp: 16864
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 44.0 38.0 57.0

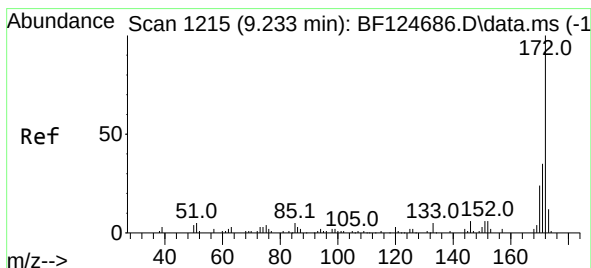
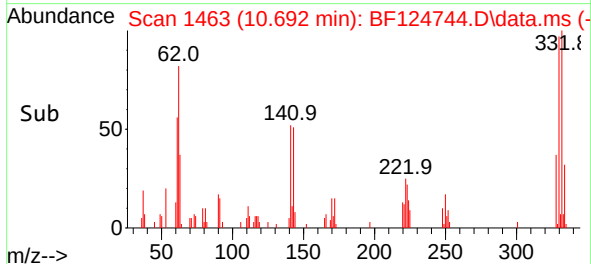
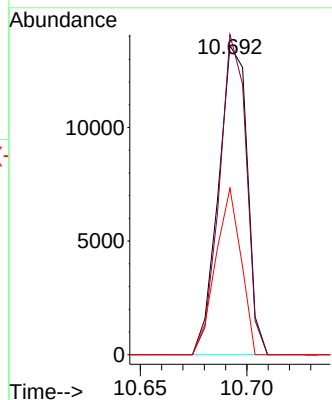
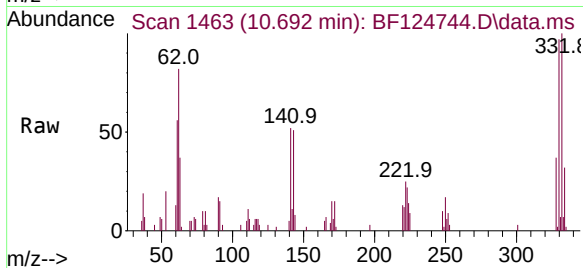




#42
2,4,6-Tribromophenol
Concen: 88.533 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

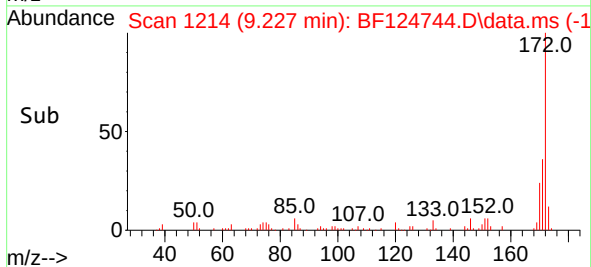
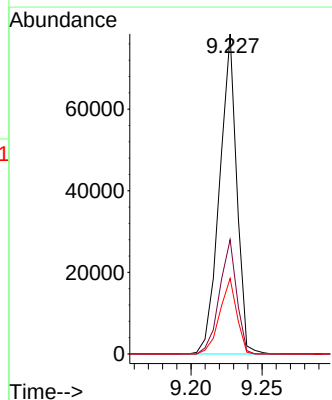
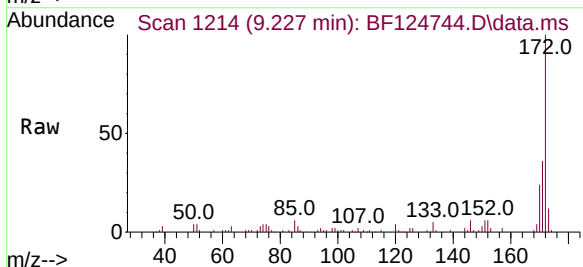
Instrument :
BNA_F
ClientSampled :
TP-C

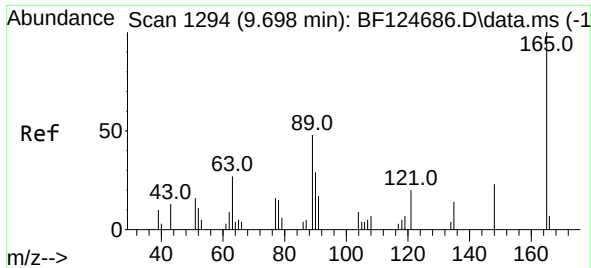
Tgt Ion: 330 Resp: 12819
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 47.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 57.426 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion: 172 Resp: 65936
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.6 18.8 28.2

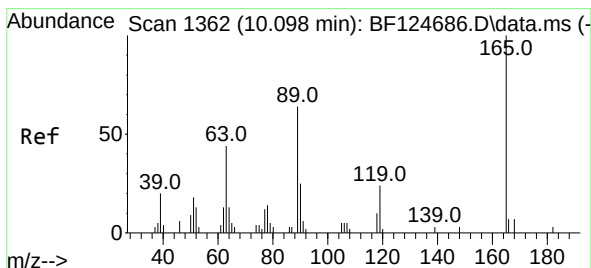
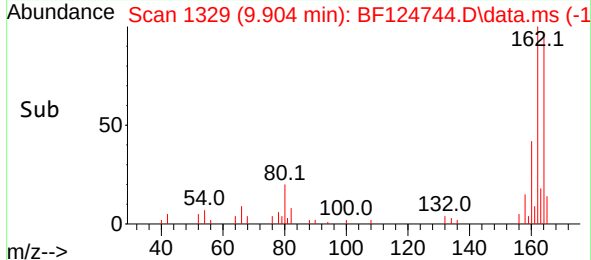
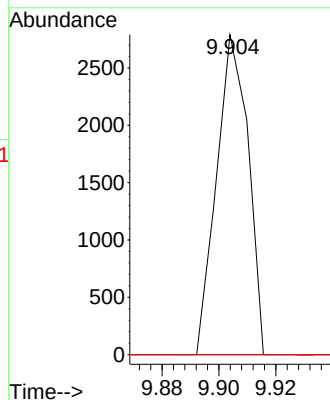
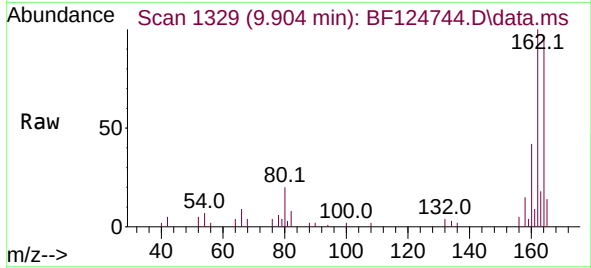




#51
2,6-Dinitrotoluene
Concen: 8.389 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

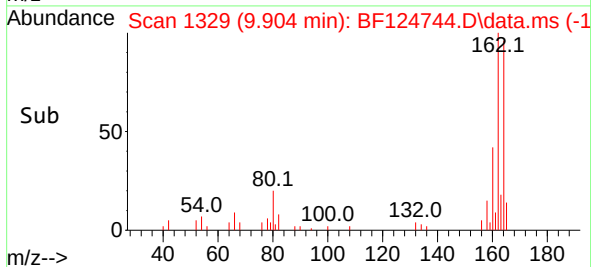
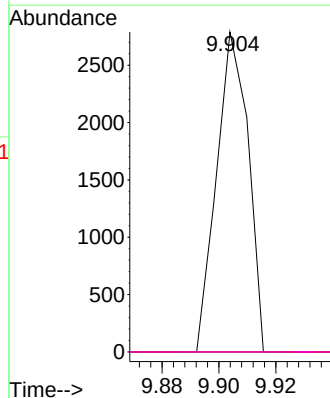
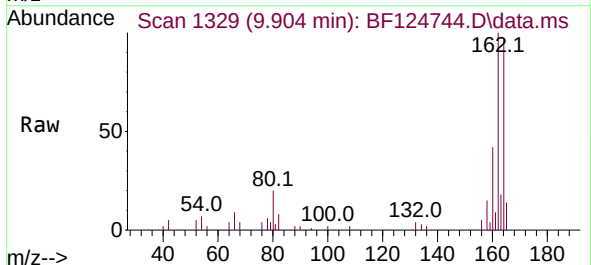
Instrument :
BNA_F
ClientSampled :
TP-C

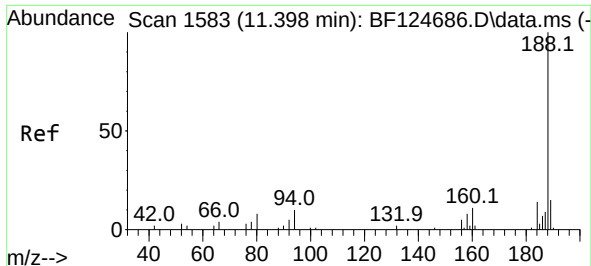
Tgt Ion:165 Resp: 2152
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.182 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion:165 Resp: 2152
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

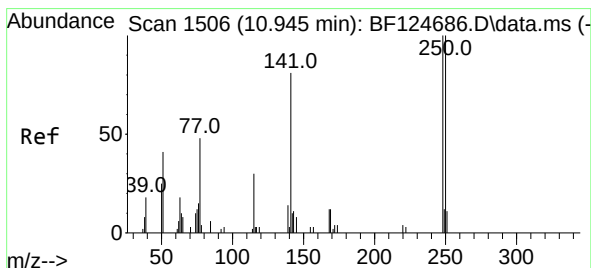
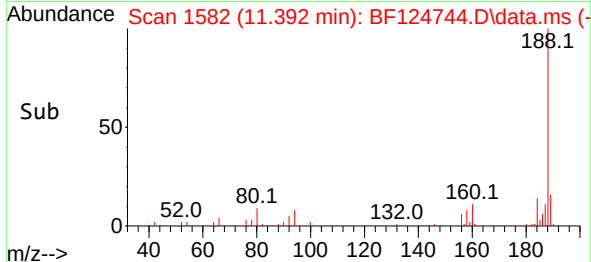
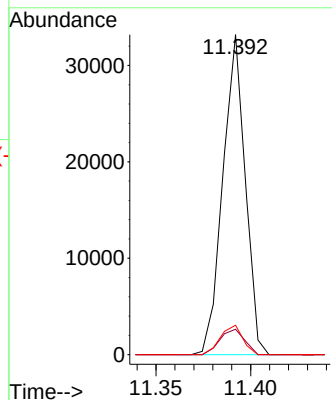
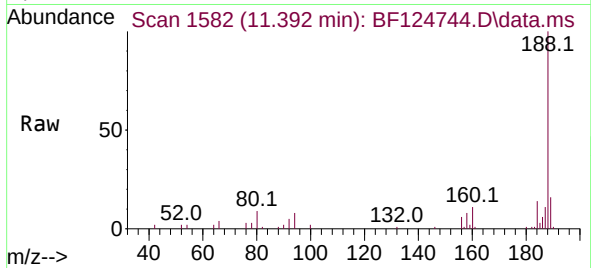




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

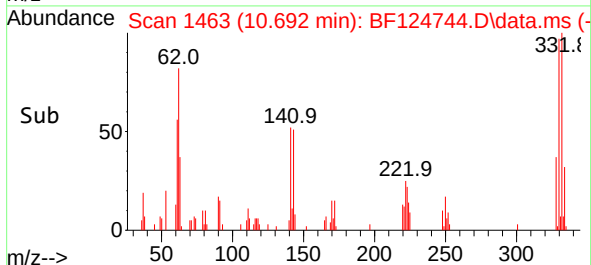
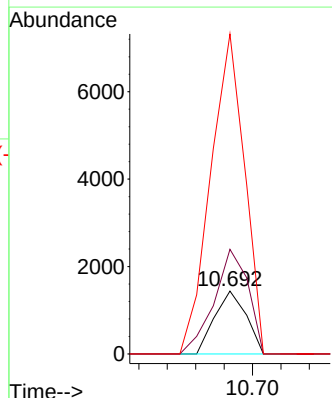
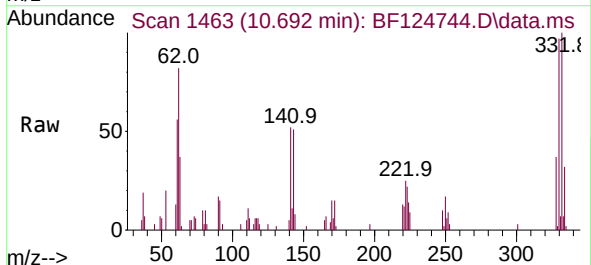
Instrument :
BNA_F
ClientSampled :
TP-C

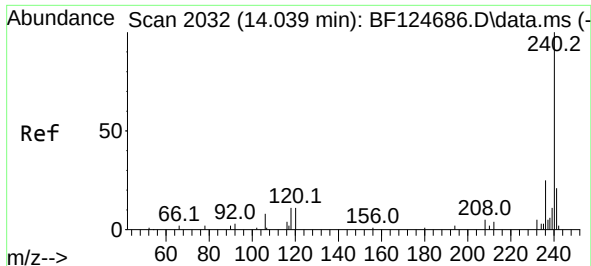
Tgt Ion:188 Resp: 27292
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.811 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion:248 Resp: 1103
Ion Ratio Lower Upper
248 100
250 166.7 74.2 111.4#
141 509.5 60.4 90.6#

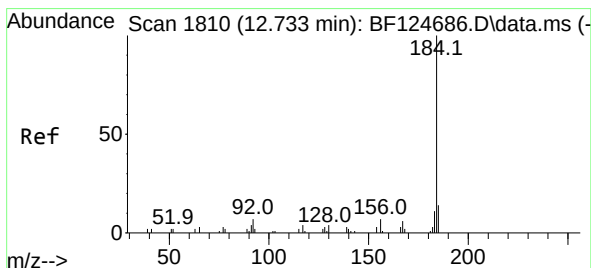
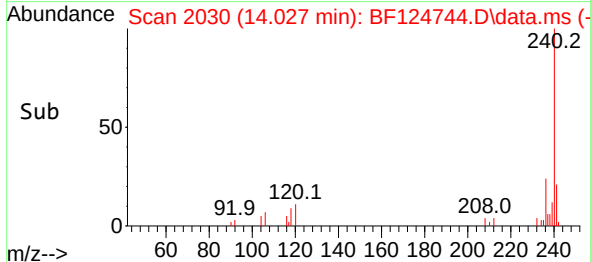
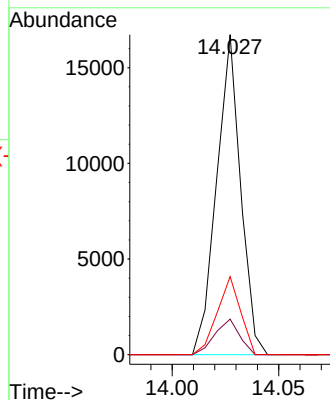
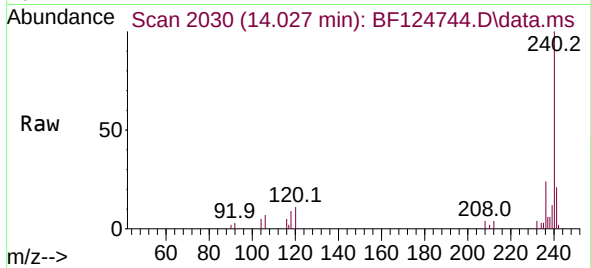




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

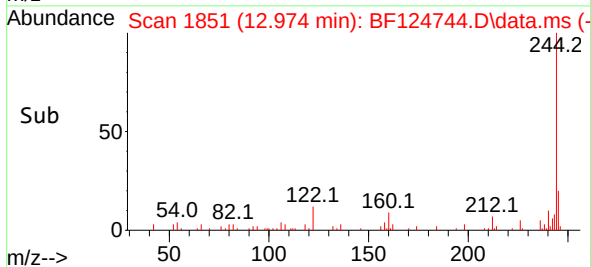
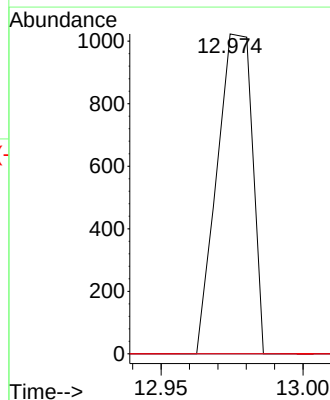
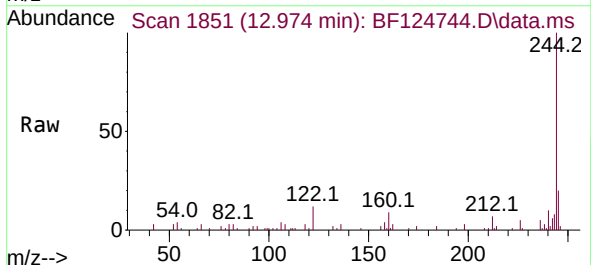
Instrument :
BNA_F
ClientSampled :
TP-C

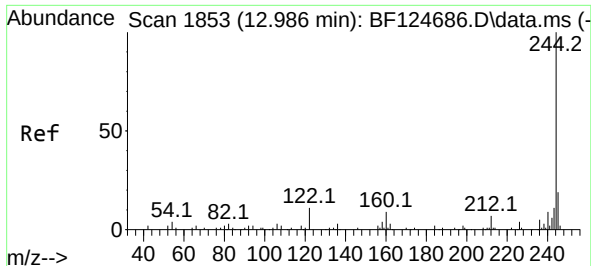
Tgt Ion:240	Resp:	13087
Ion Ratio	Lower	Upper
240	100	
120	11.1	10.8 16.2
236	24.4	21.6 32.4



#77
Benzidine
Concen: 2.395 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF124744.D
Acq: 24 Jul 2021 13:19

Tgt Ion:184	Resp:	884
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#

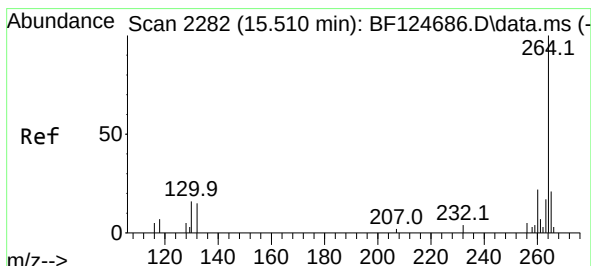
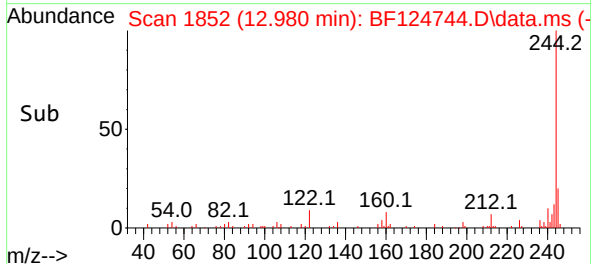
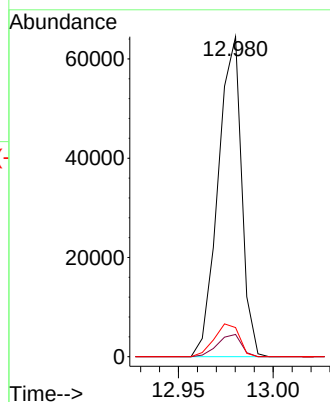
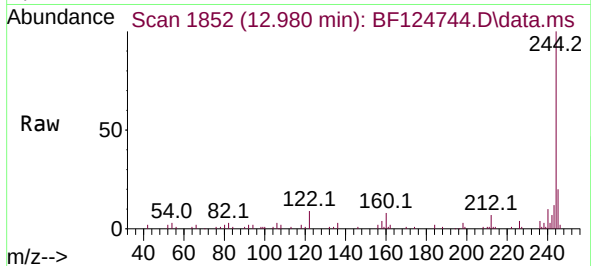




#79
 Terphenyl-d14
 Concen: 72.710 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124744.D
 Acq: 24 Jul 2021 13:19

Instrument :
 BNA_F
 ClientSampled :
 TP-C

Tgt Ion:244	Resp:	55512
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	9.1	9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124744.D
 Acq: 24 Jul 2021 13:19

Tgt Ion:264	Resp:	12507
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.6 29.4
265	19.3	17.2 25.8

