

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
 Data File : BF124743.D
 Acq On : 24 Jul 2021 12:47
 Operator : JU/CG
 Sample : M3152-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VAULT-A

Quant Time: Jul 25 04:28:00 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)

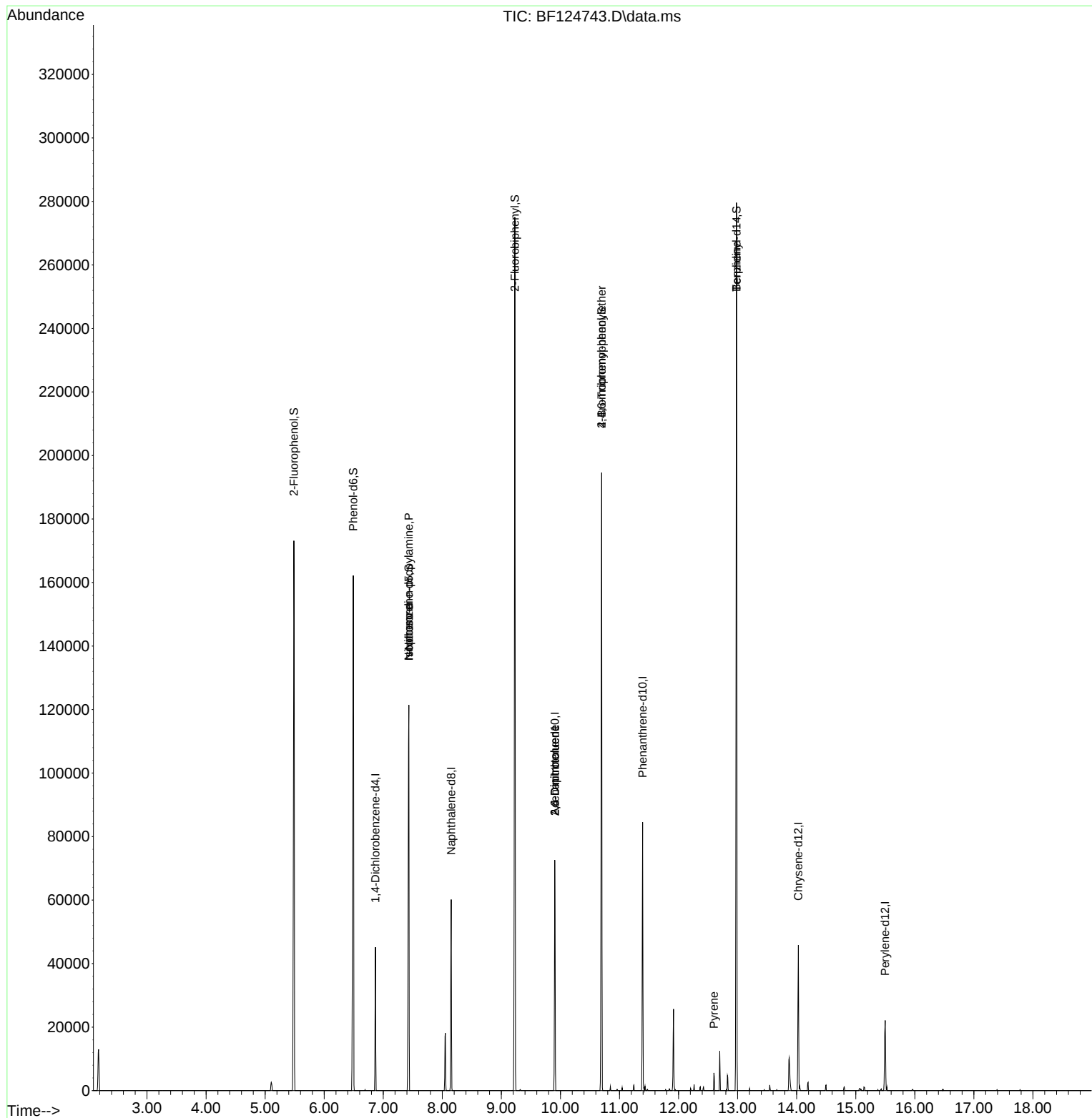
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6398	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26133	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	15377	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	29893	20.000	ng	0.00
76) Chrysene-d12	14.027	240	15672	20.000	ng	-0.01
86) Perylene-d12	15.498	264	11372	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	51758	136.972	ng	0.00
7) Phenol-d6	6.492	99	61744	130.338	ng	0.00
23) Nitrobenzene-d5	7.434	82	39497	89.954	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	19487	147.599	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	85411	81.581	ng	0.00
79) Terphenyl-d14	12.980	244	97849	107.024	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	5250	20.754	ng	# 70
25) Isophorone	7.434	82	39496	50.872	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1935	8.272	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1935	6.096	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1577	4.974	ng	# 1
77) Benzidine	12.980	184	1436	3.249	ng	# 69
78) Pyrene	12.598	202	2759	2.224	ng	97

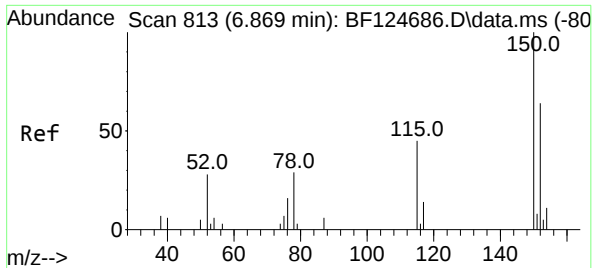
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072421\
Data File : BF124743.D
Acq On : 24 Jul 2021 12:47
Operator : JU/CG
Sample : M3152-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VAULT-A

Quant Time: Jul 25 04:28:00 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

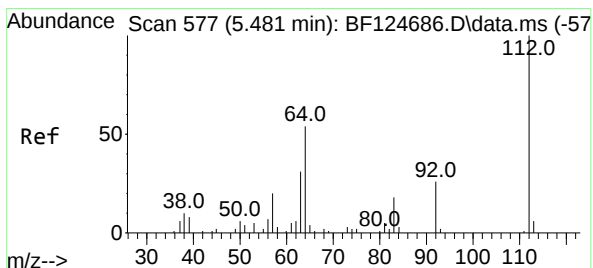
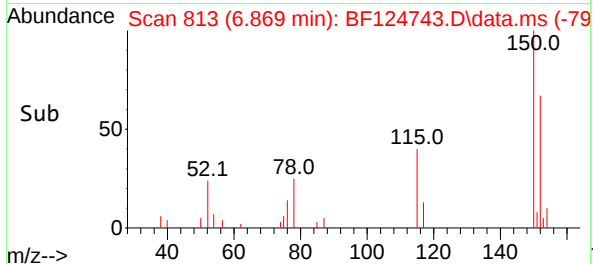
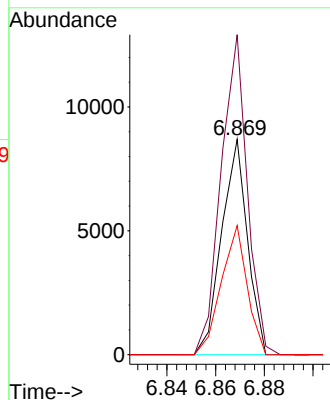
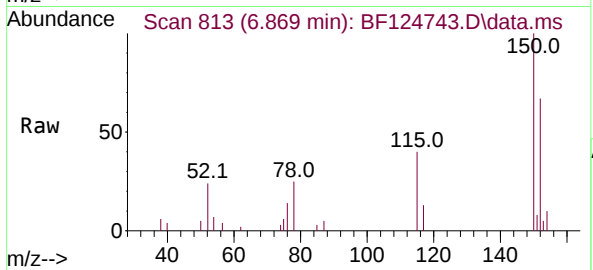




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

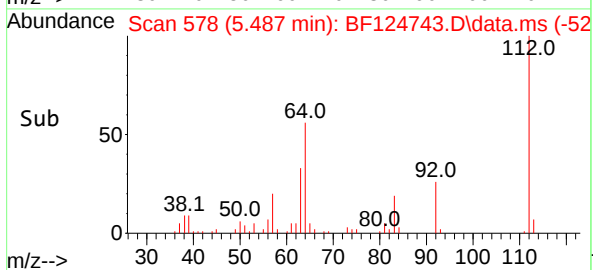
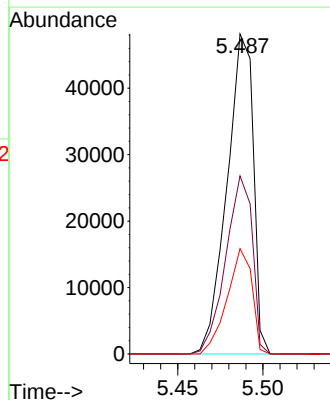
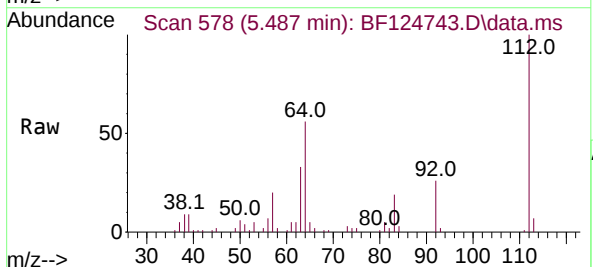
Instrument :
BNA_F
ClientSampleId :
VAULT-A

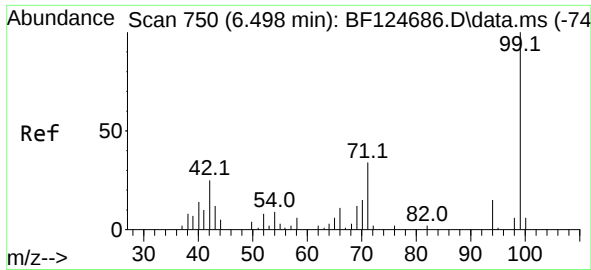
Tgt Ion:152 Resp: 6398
Ion Ratio Lower Upper
152 100
150 148.6 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 136.972 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion:112 Resp: 51758
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 32.9 26.2 39.2



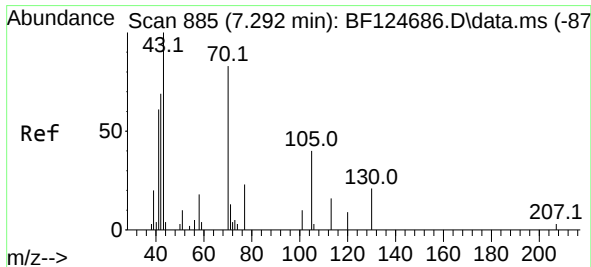
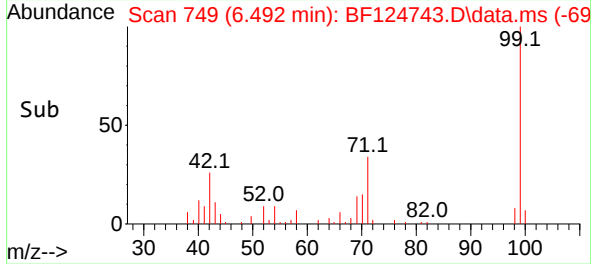
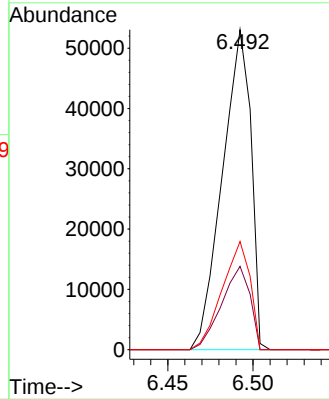
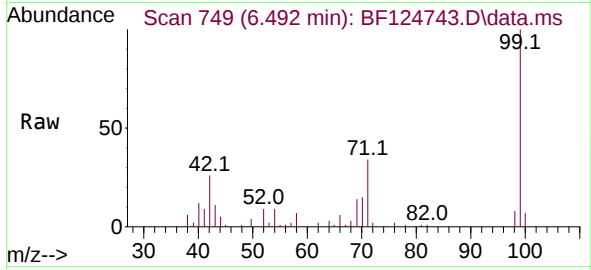


#7
Phenol-d6
Concen: 130.338 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Instrument :
BNA_F
ClientSampleId :
VAULT-A

Tgt Ion: 99 Resp: 61744

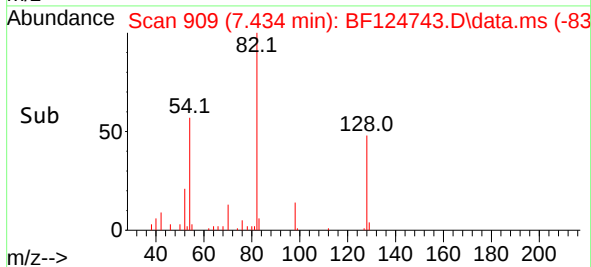
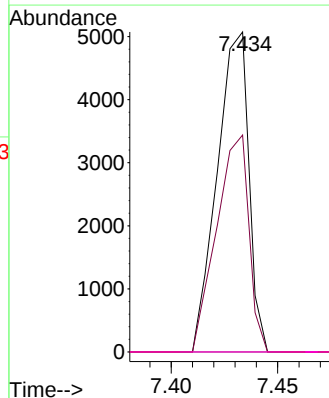
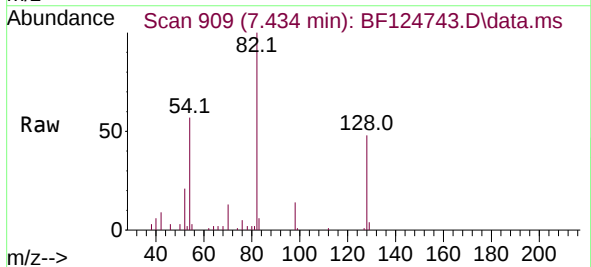
Ion	Ratio	Lower	Upper
99	100		
42	26.0	23.5	35.3
71	33.8	25.6	38.4

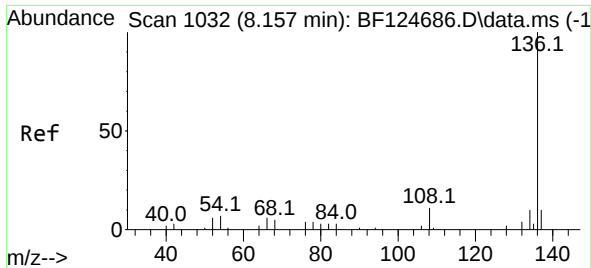


#19
n-Nitroso-di-n-propylamine
Concen: 20.754 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion: 70 Resp: 5250

Ion	Ratio	Lower	Upper
70	100		
42	67.8	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

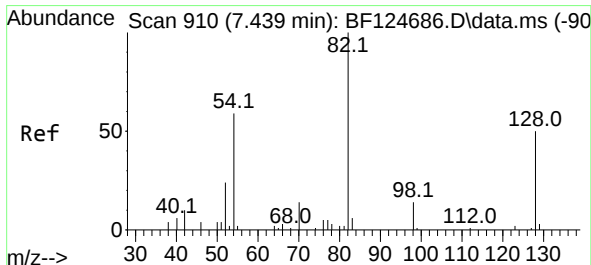
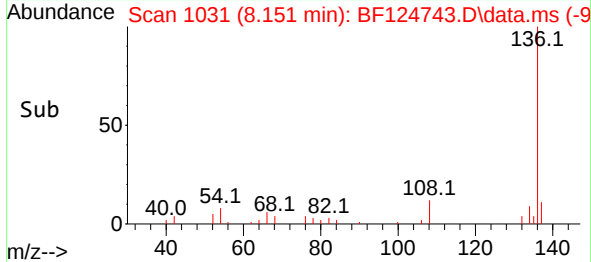
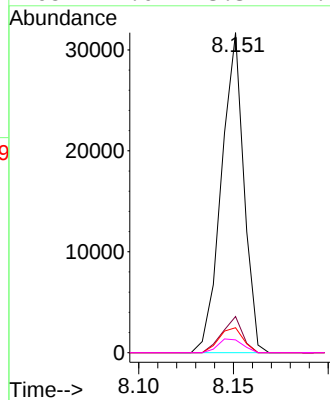
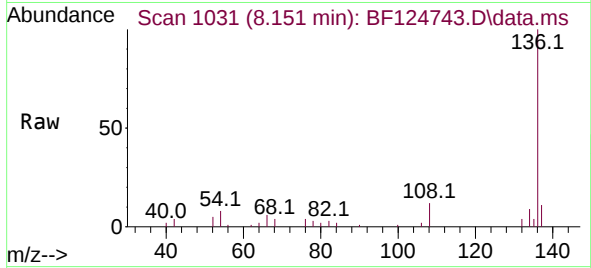




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

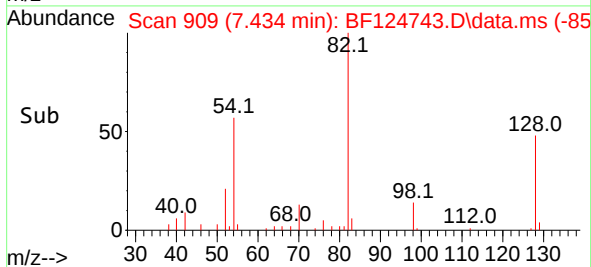
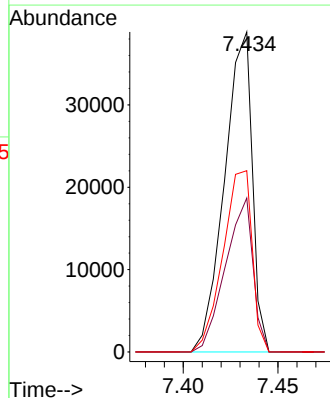
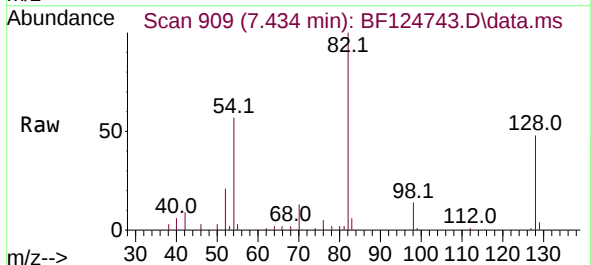
Instrument :
BNA_F
ClientSampleId :
VAULT-A

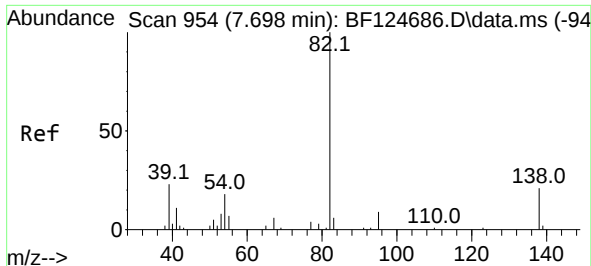
Tgt Ion:	136	Resp:	26133
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	7.8	6.4	9.6
68	4.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 89.954 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion:	82	Resp:	39497
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.6	60.8
54	56.7	49.6	74.4

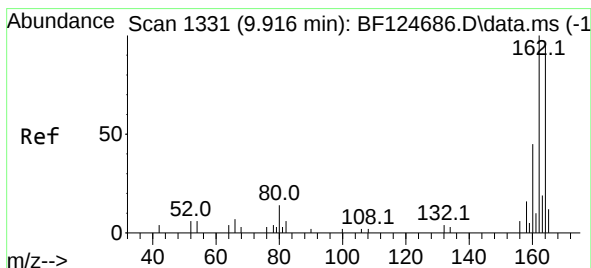
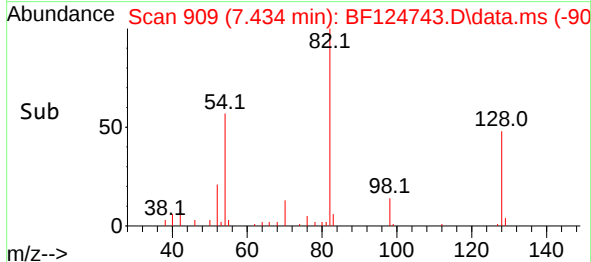
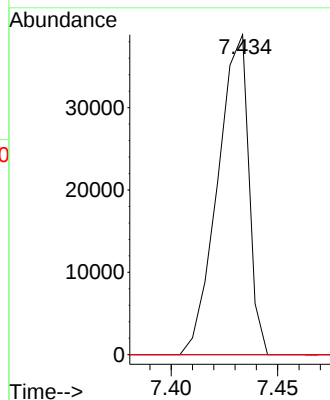
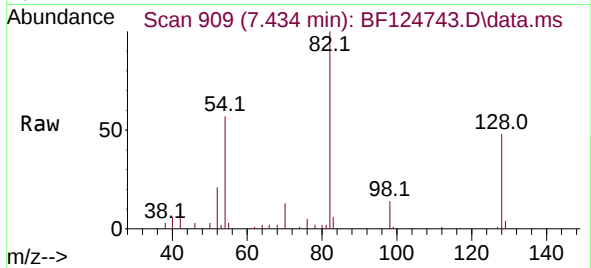




#25
Isophorone
Concen: 50.872 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

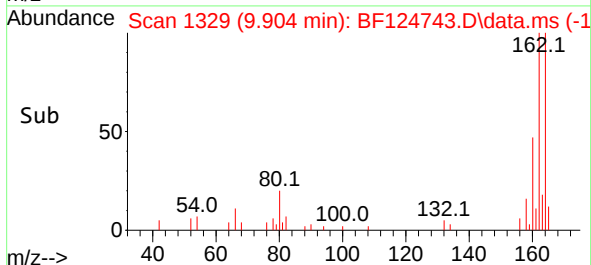
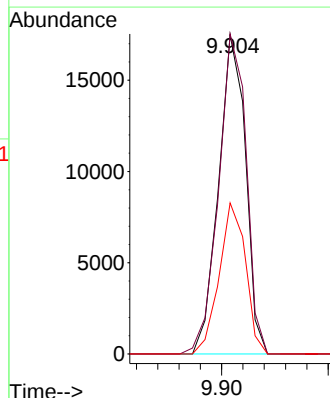
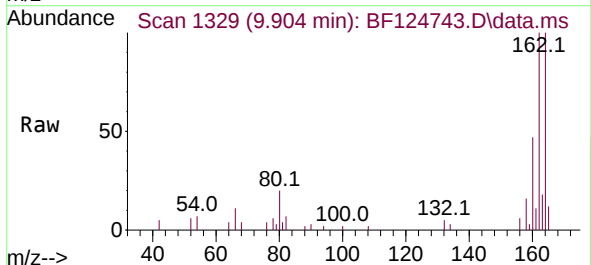
Instrument :
BNA_F
ClientSampleId :
VAULT-A

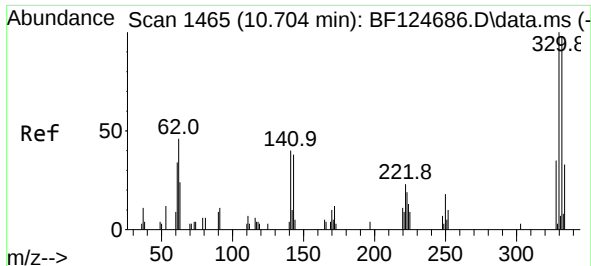
Tgt Ion: 82 Resp: 39496
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion: 164 Resp: 15377
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 47.3 38.0 57.0

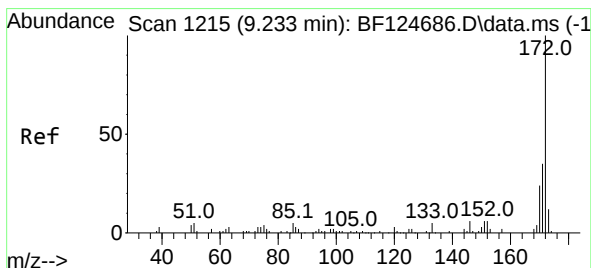
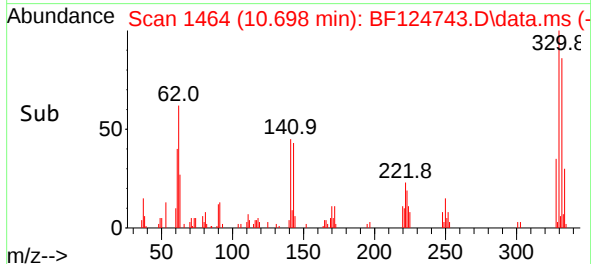
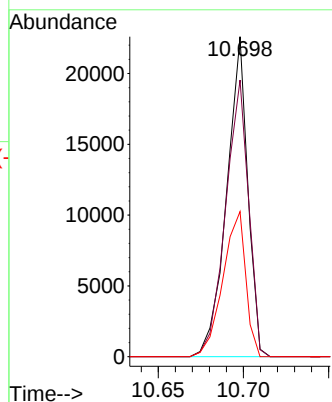
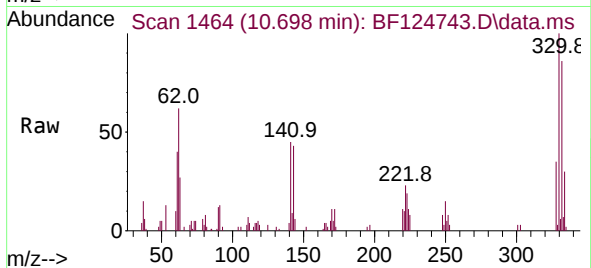




#42
2,4,6-Tribromophenol
Concen: 147.599 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

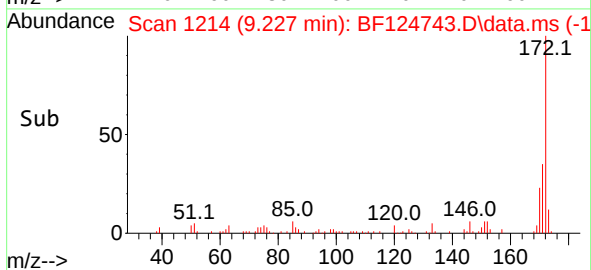
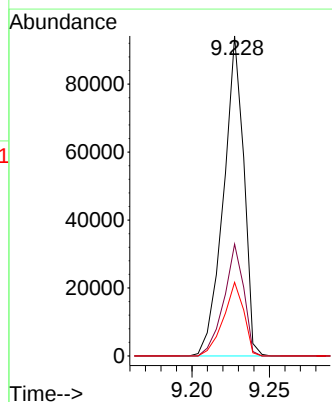
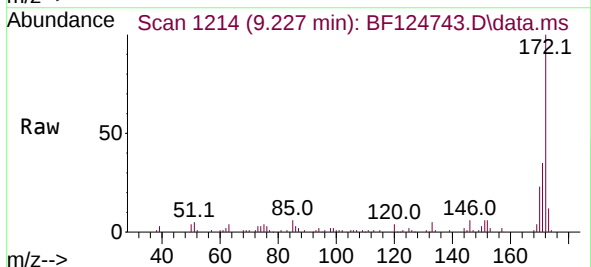
Instrument :
BNA_F
ClientSampleId :
VAULT-A

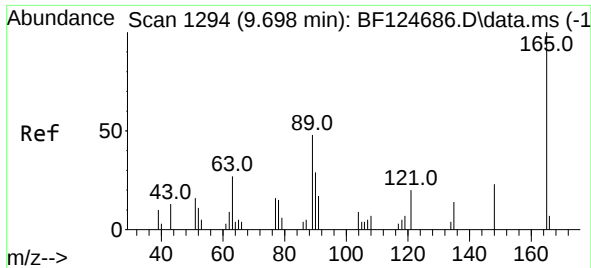
Tgt Ion:330 Resp: 19487
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 49.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 81.581 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion:172 Resp: 85411
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.0 18.8 28.2

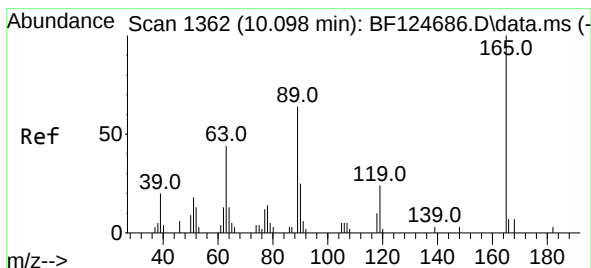
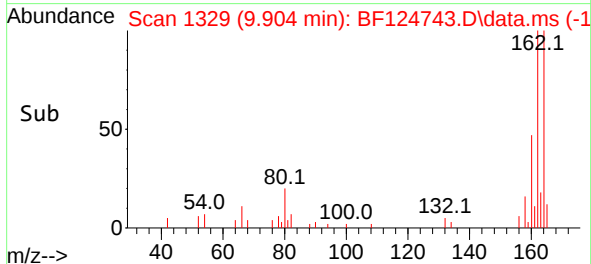
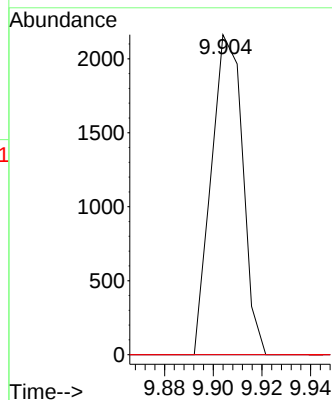
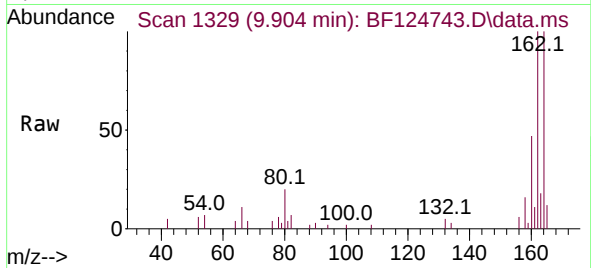




#51
2,6-Dinitrotoluene
Concen: 8.272 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

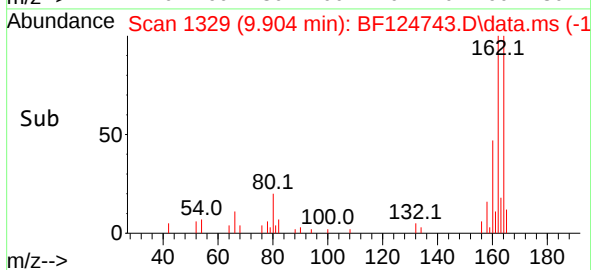
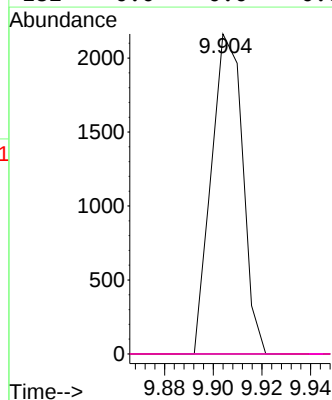
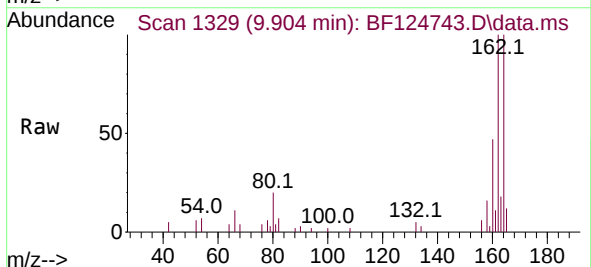
Instrument :
BNA_F
ClientSampleId :
VAULT-A

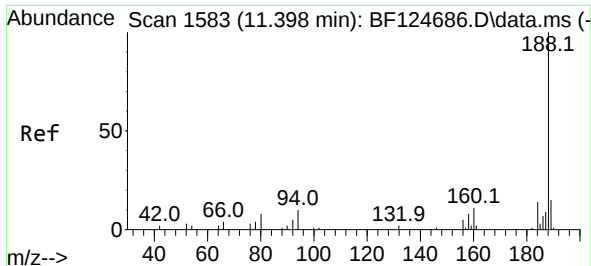
Tgt Ion:165 Resp: 1935
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.096 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion:165 Resp: 1935
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

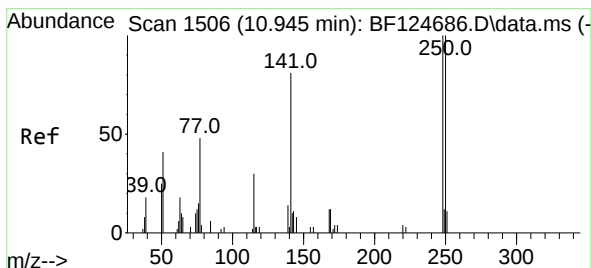
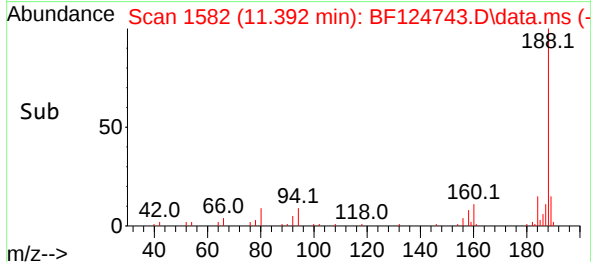
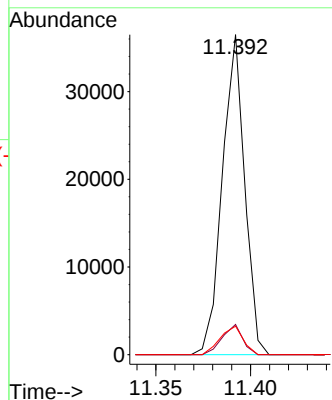
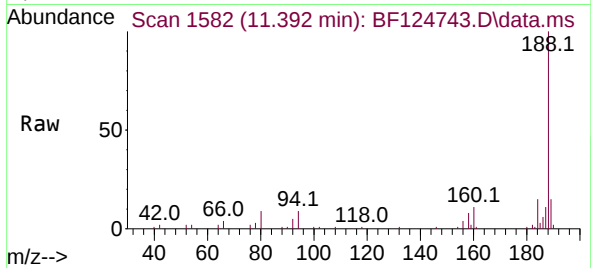




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

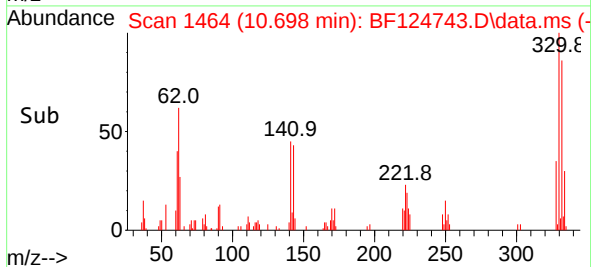
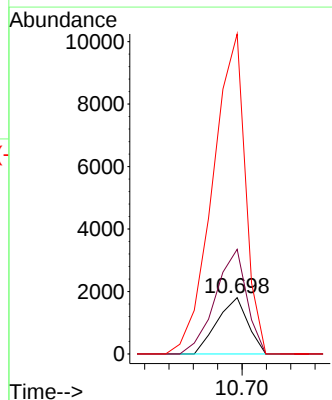
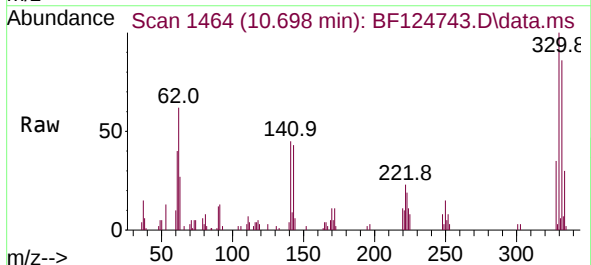
Instrument :
BNA_F
ClientSampleId :
VAULT-A

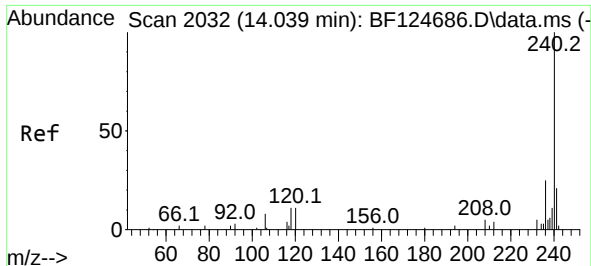
Tgt Ion:188	Resp:	29893
Ion Ratio	Lower	Upper
188	100	
94	9.4	6.7 10.1
80	8.9	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.974 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion:248	Resp:	1577
Ion Ratio	Lower	Upper
248	100	
250	185.9	74.2 111.4#
141	568.9	60.4 90.6#

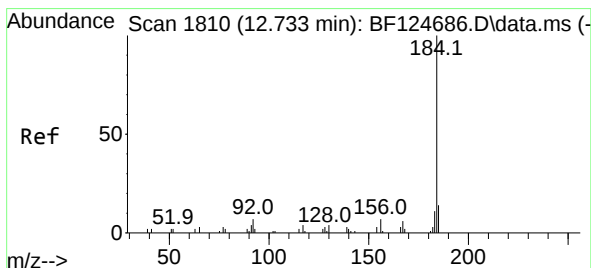
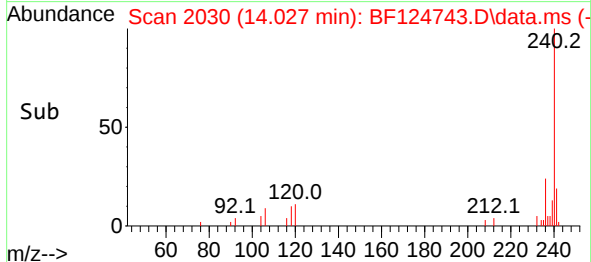
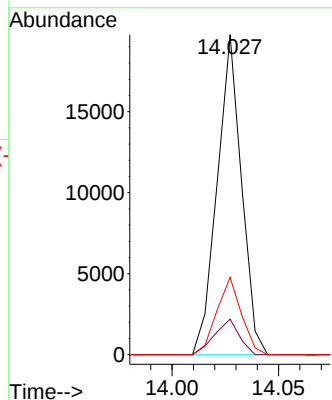
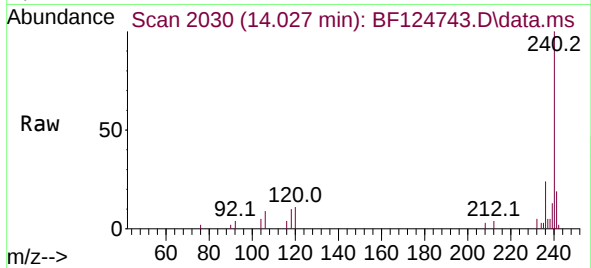




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

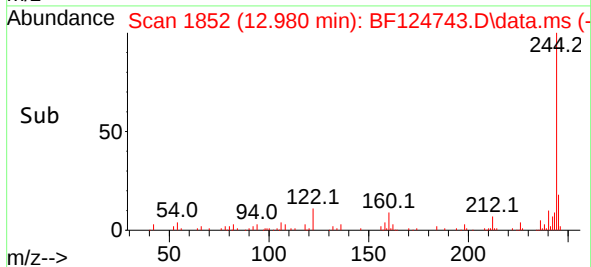
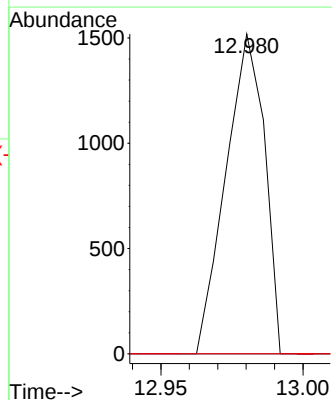
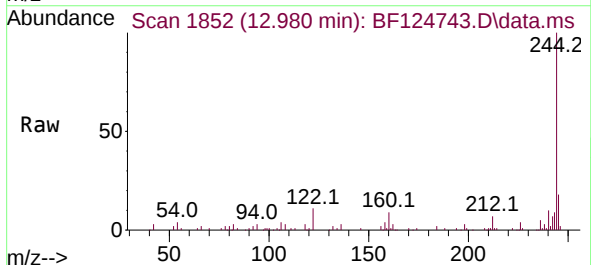
Instrument :
BNA_F
ClientSampleId :
VAULT-A

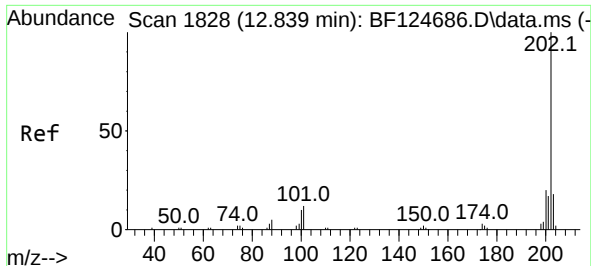
Tgt Ion:240	Resp:	15672
Ion Ratio	Lower	Upper
240	100	
120	11.1	10.8 16.2
236	24.1	21.6 32.4



#77
Benzidine
Concen: 3.249 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion:184	Resp:	1436
Ion Ratio	Lower	Upper
184	100	
185	0.0	10.8 16.2#
183	0.0	8.1 12.1#

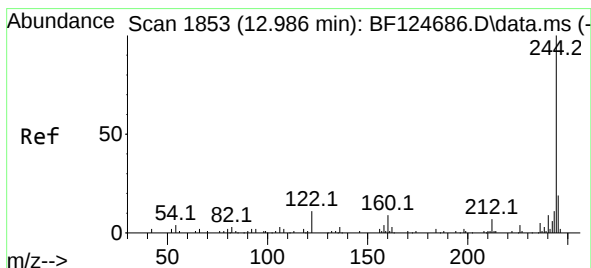
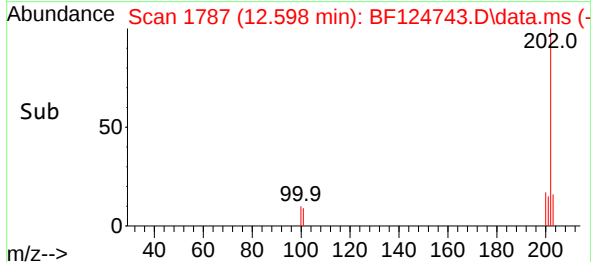
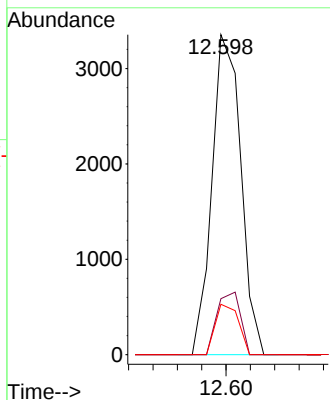
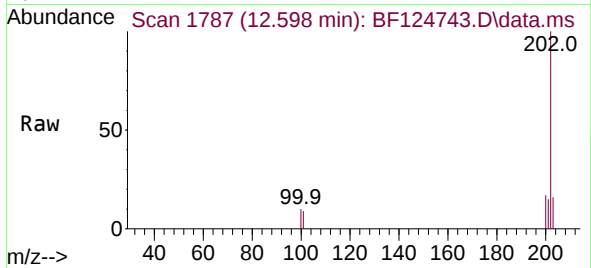




#78
Pyrene
Concen: 2.224 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.241 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

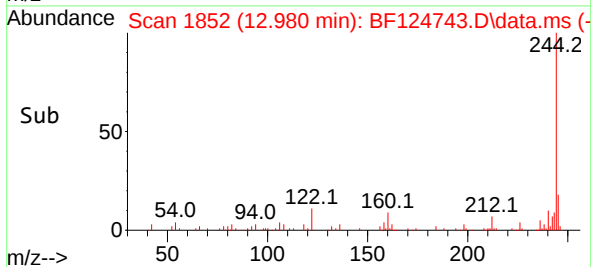
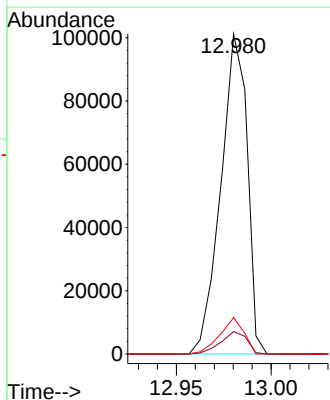
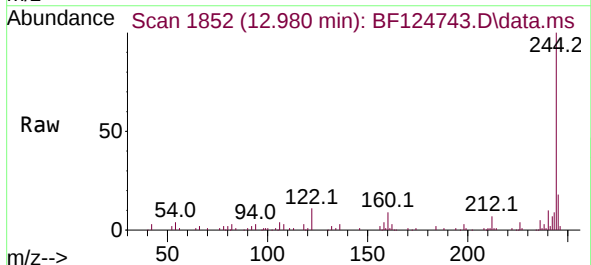
Instrument :
BNA_F
ClientSampleId :
VAULT-A

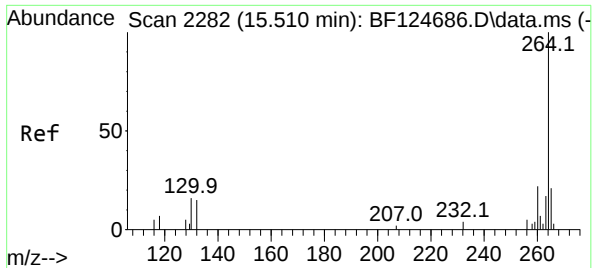
Tgt Ion:	202	Resp:	2759
Ion	Ratio	Lower	Upper
202	100		
200	17.5	15.3	22.9
203	15.8	13.4	20.0



#79
Terphenyl-d14
Concen: 107.024 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124743.D
Acq: 24 Jul 2021 12:47

Tgt Ion:	244	Resp:	97849
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.3	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: BF124743.D
 Acq: 24 Jul 2021 12:47

Instrument :
 BNA_F
 ClientSampleId :
 VAULT-A

Tgt Ion:264	Resp:	11372
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.6 29.4
265	22.2	17.2 25.8

