

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
 Data File : BF124545.D
 Acq On : 13 Jul 2021 14:03
 Operator : JU/CG
 Sample : PB137642BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137642BL

Quant Time: Jul 13 14:57:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:57:42 2021
 Response via : Initial Calibration

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

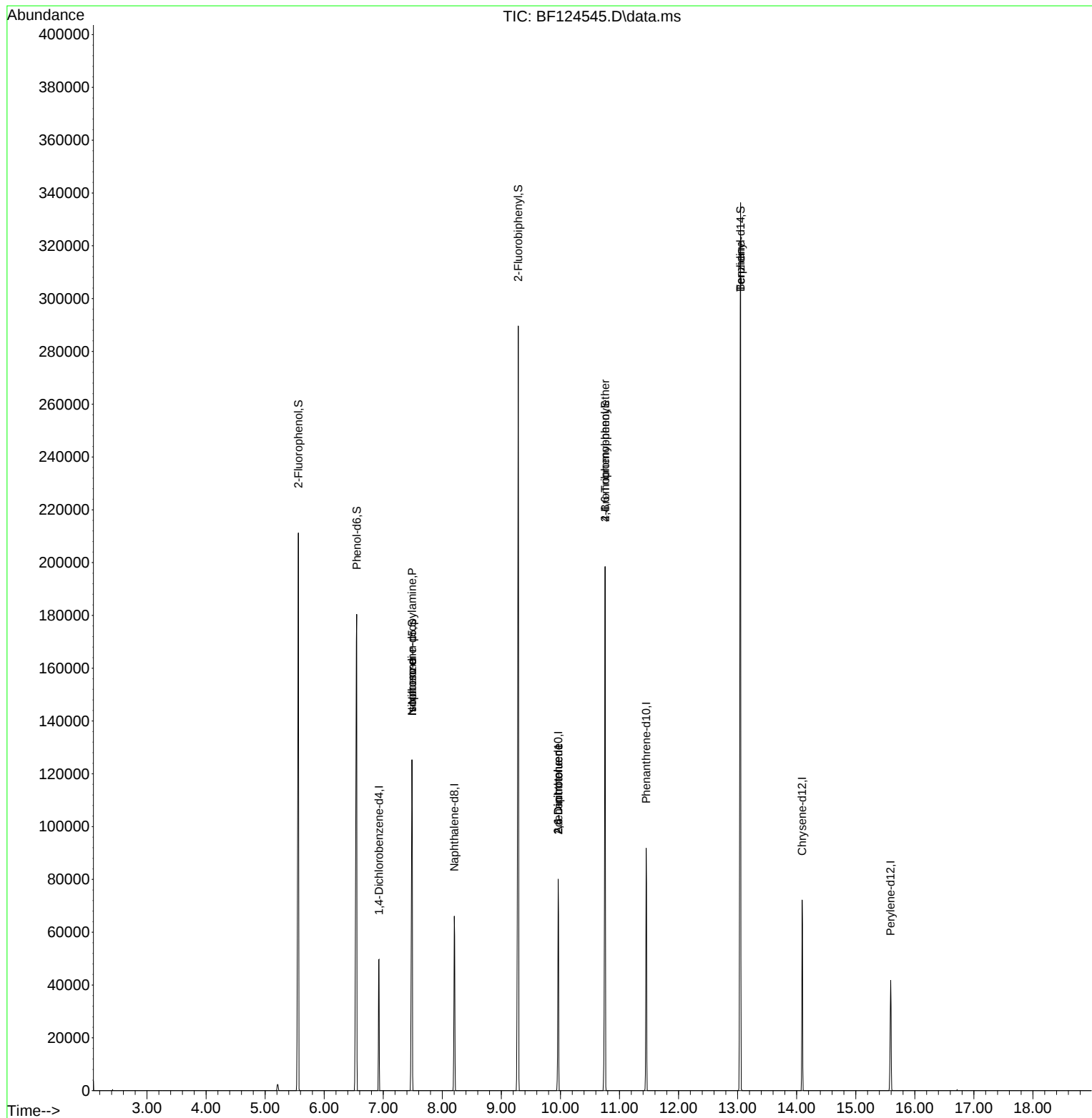
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	8370	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	35014	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	19473	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	35302	20.000	ng	0.00
76) Chrysene-d12	14.092	240	26492	20.000	ng	0.00
86) Perylene-d12	15.592	264	20933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	65872	136.354	ng	0.02
7) Phenol-d6	6.551	99	75633	128.696	ng	0.00
23) Nitrobenzene-d5	7.486	82	47908	86.374	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	18867	124.505	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	109181	81.760	ng	0.00
79) Terphenyl-d14	13.051	244	124126	78.678	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.486	70	6044	18.292	ng	# 81
25) Isophorone	7.486	82	47794	46.939	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	2446	9.158	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	2446	6.690	ng	# 18
67) 4-Bromophenyl-phenylether	10.757	248	1447	3.964	ng	# 1
77) Benzidine	13.051	184	2097	2.117	ng	# 69

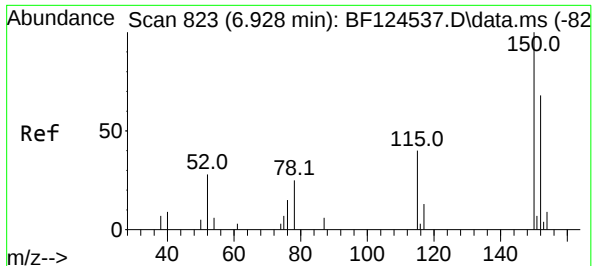
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
Data File : BF124545.D
Acq On : 13 Jul 2021 14:03
Operator : JU/CG
Sample : PB137642BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137642BL

Quant Time: Jul 13 14:57:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:57:42 2021
Response via : Initial Calibration

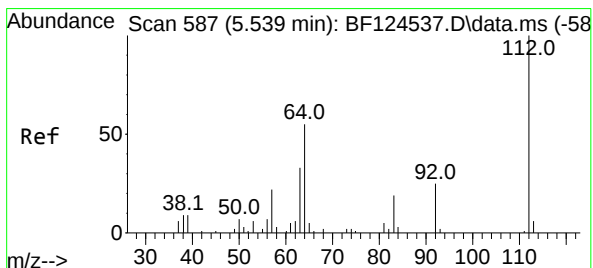
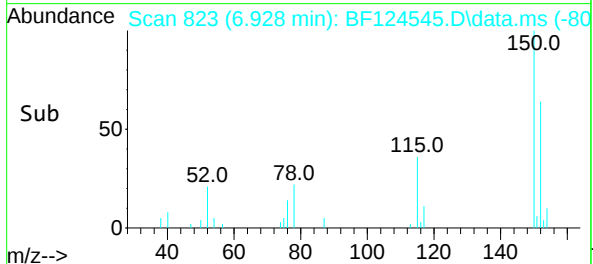
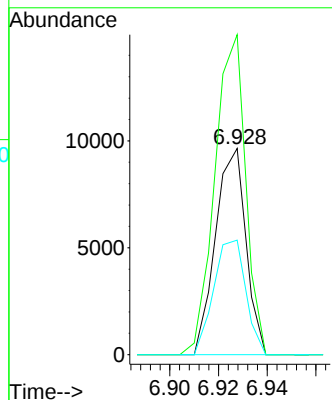
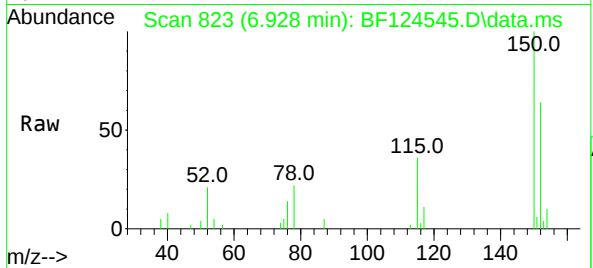




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 823
Delta R.T. -0.000 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

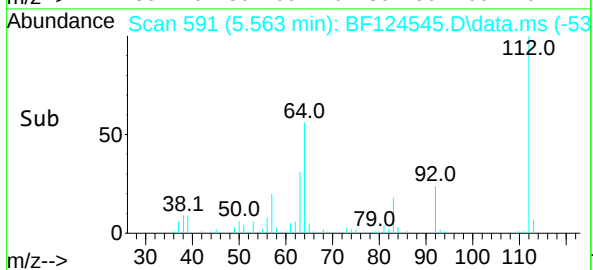
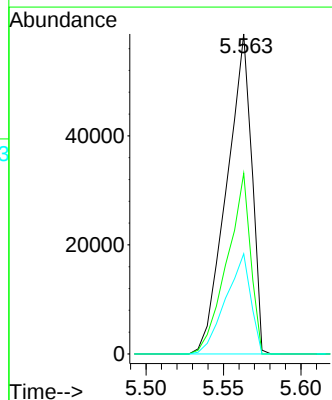
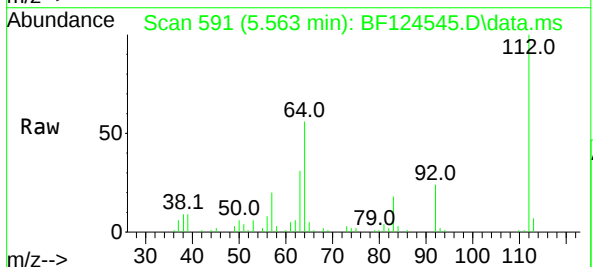
Instrument :
BNA_F
ClientSampleId :
PB137642BL

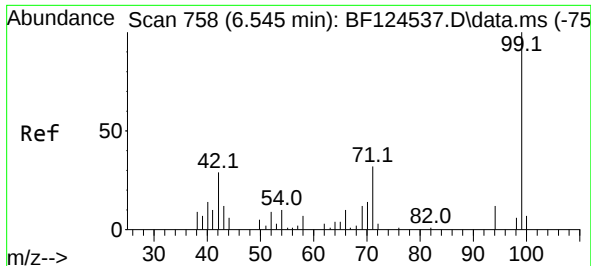
Tgt Ion:152 Resp: 8370
Ion Ratio Lower Upper
152 100
150 155.2 117.6 176.4
115 55.6 47.1 70.7



#5
2-Fluorophenol
Concen: 136.354 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.024 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion:112 Resp: 65872
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.2
63 31.3 26.2 39.2

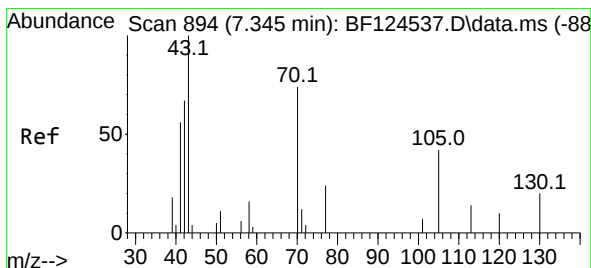
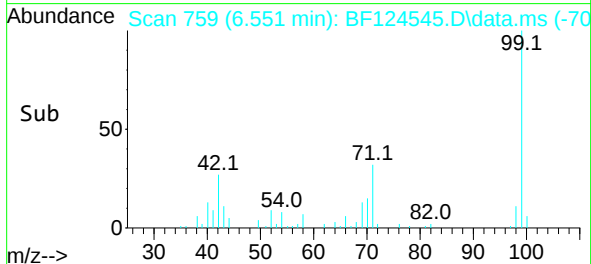
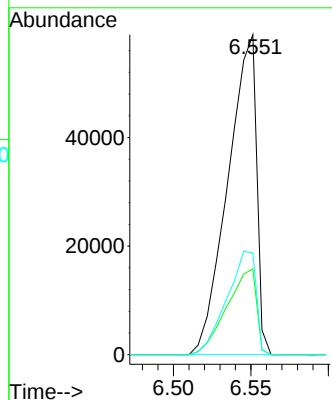
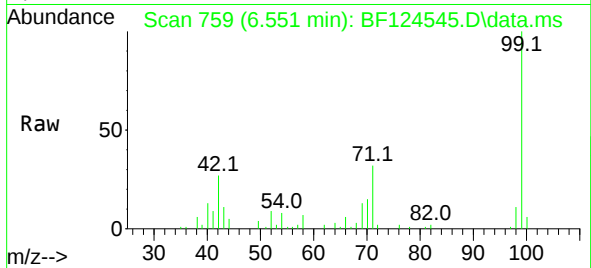




#7
Phenol-d6
Concen: 128.696 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

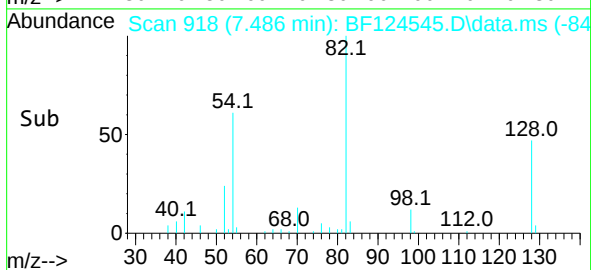
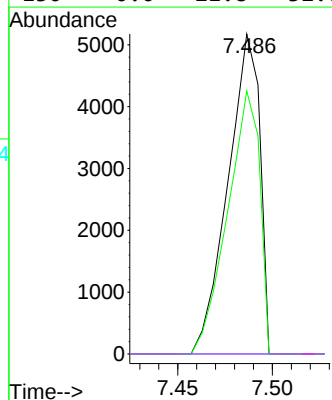
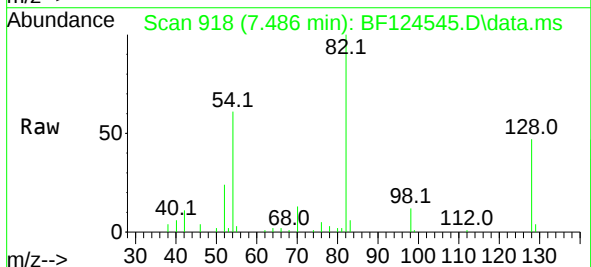
Instrument :
BNA_F
ClientSampleId :
PB137642BL

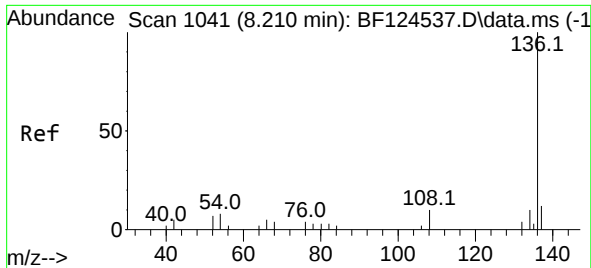
Tgt Ion:	99	Resp:	75633
Ion	Ratio	Lower	Upper
99	100		
42	26.8	23.5	35.3
71	31.8	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.292 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

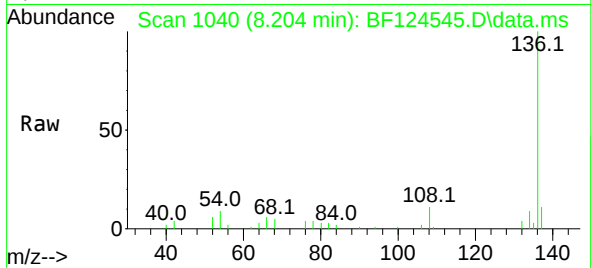
Tgt Ion:	70	Resp:	6044
Ion	Ratio	Lower	Upper
70	100		
42	82.2	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#



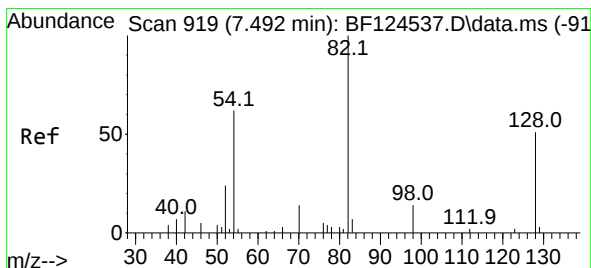
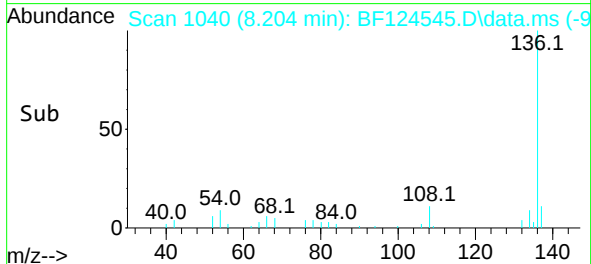
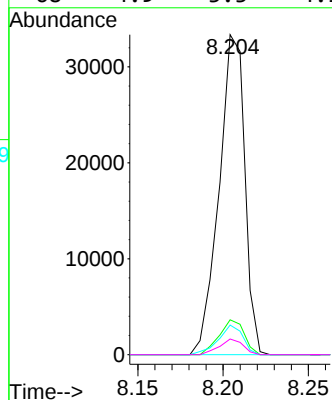


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Instrument :
BNA_F
ClientSampleId :
PB137642BL

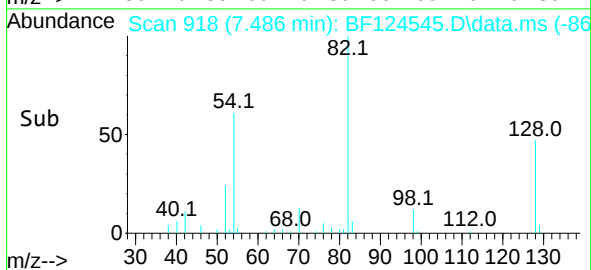
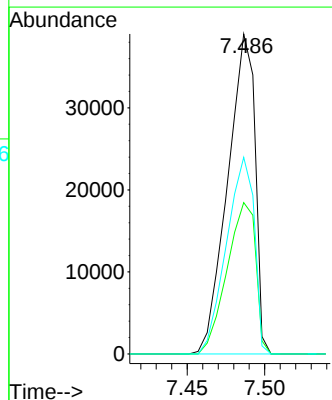
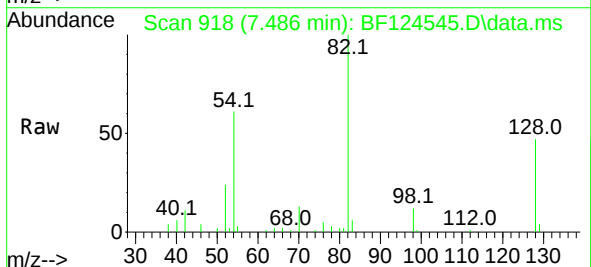


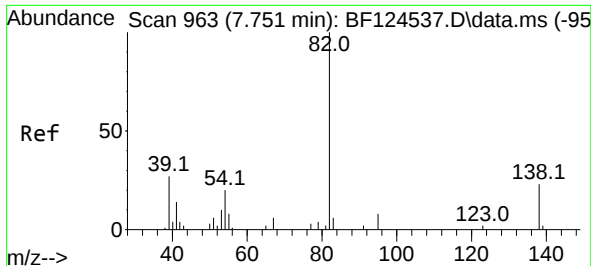
Tgt Ion:136 Resp: 35014
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.3 6.4 9.6
68 4.9 3.3 4.9



#23
Nitrobenzene-d5
Concen: 86.374 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.006 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion: 82 Resp: 47908
Ion Ratio Lower Upper
82 100
128 47.3 40.6 60.8
54 61.5 49.6 74.4

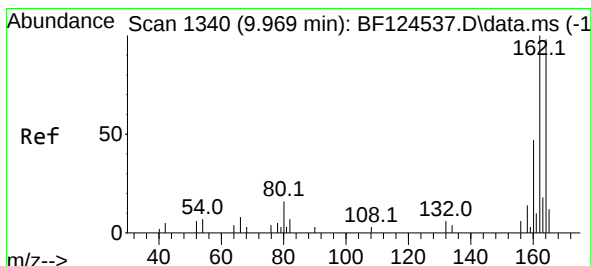
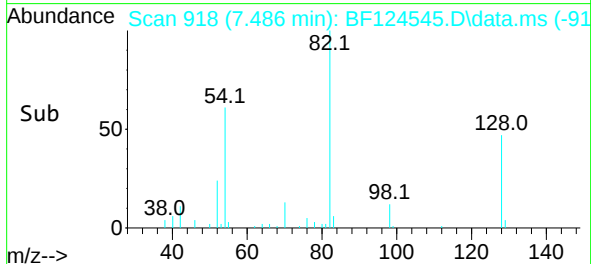
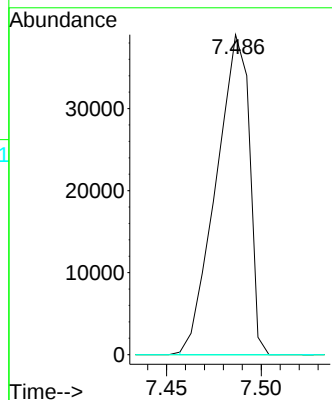
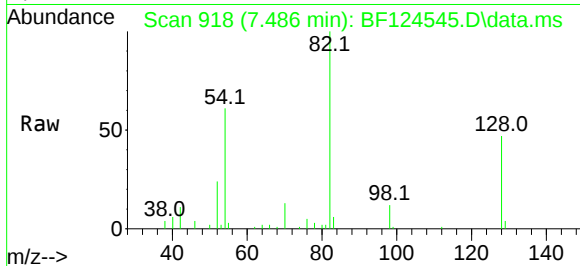




#25
Isophorone
Concen: 46.939 ng
RT: 7.486 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

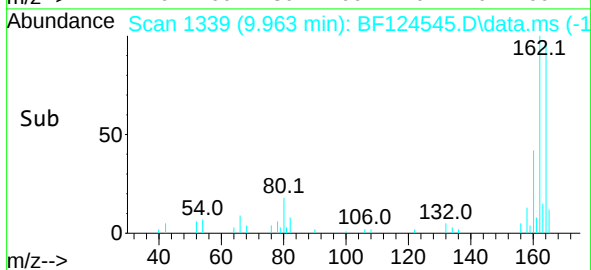
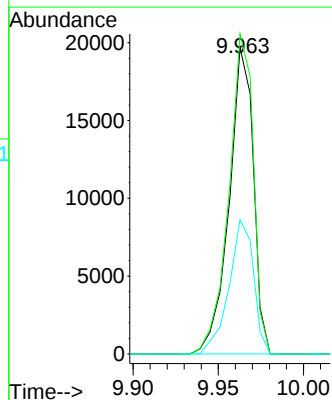
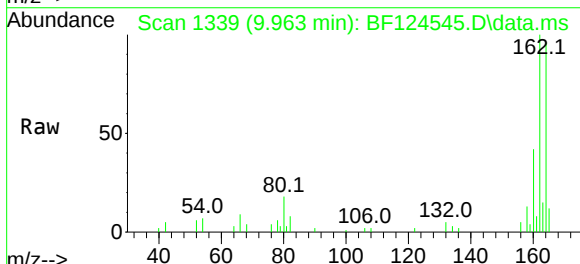
Instrument :
BNA_F
ClientSampleId :
PB137642BL

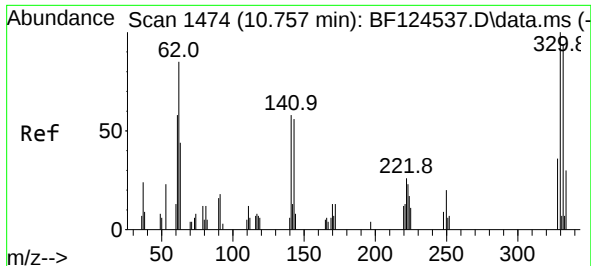
Tgt Ion: 82 Resp: 47794
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion: 164 Resp: 19473
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 43.9 38.0 57.0

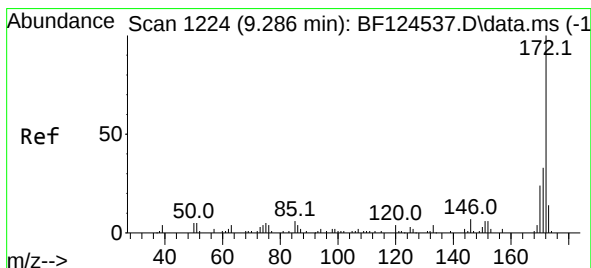
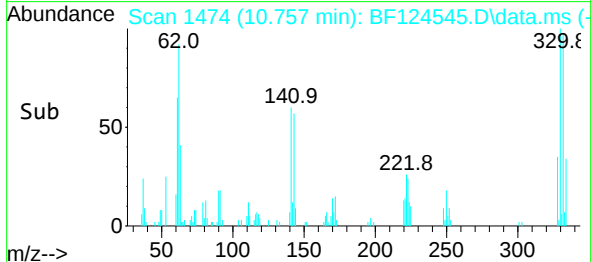
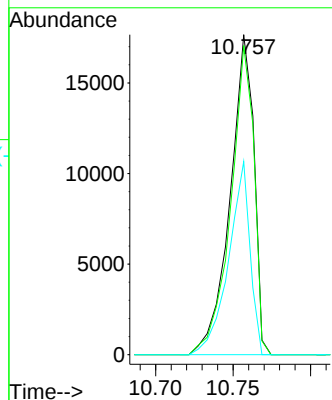
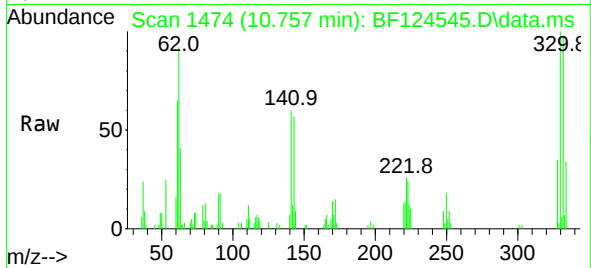




#42
2,4,6-Tribromophenol
Concen: 124.505 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

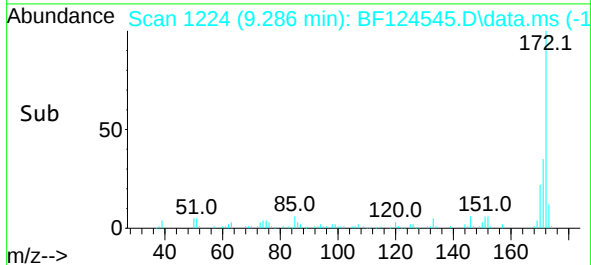
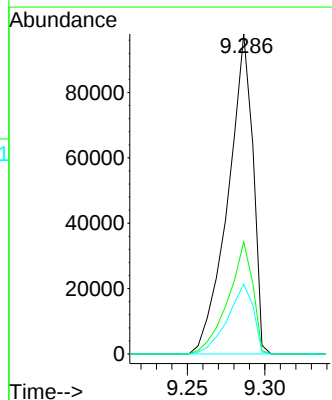
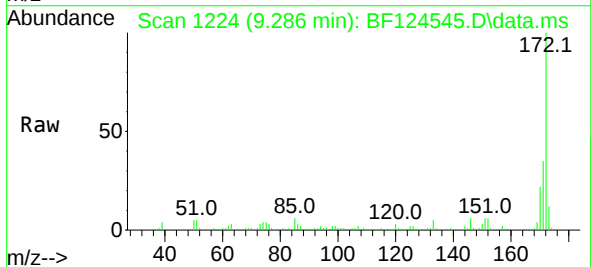
Instrument :
BNA_F
ClientSampleId :
PB137642BL

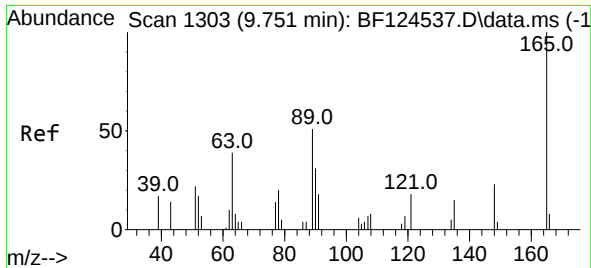
Tgt Ion:330 Resp: 18867
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 54.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 81.760 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion:172 Resp: 109181
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 21.8 18.8 28.2

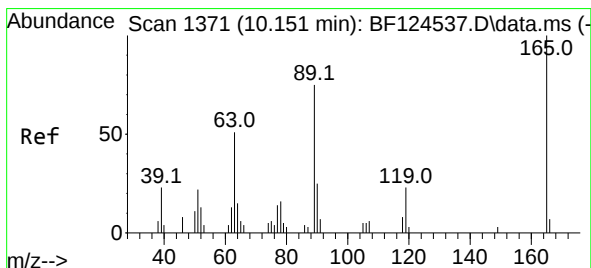
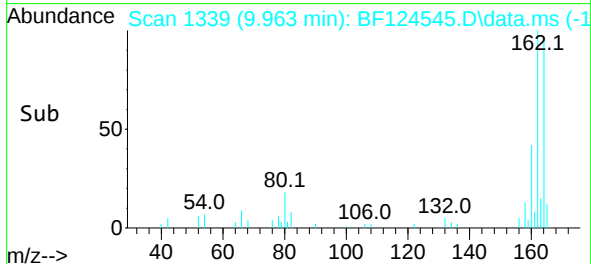
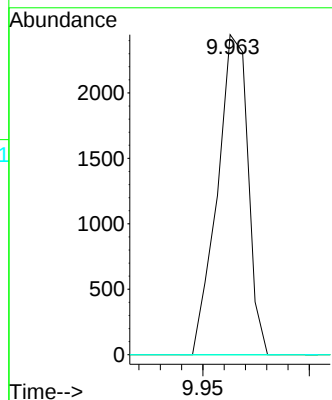
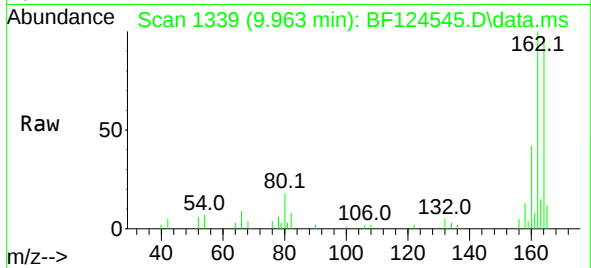




#51
2,6-Dinitrotoluene
Concen: 9.158 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

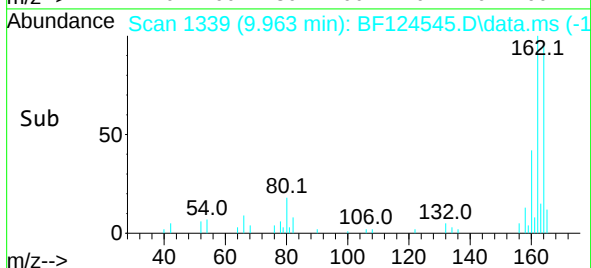
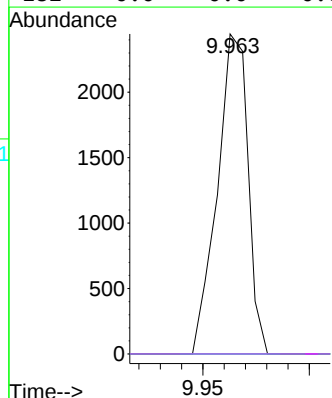
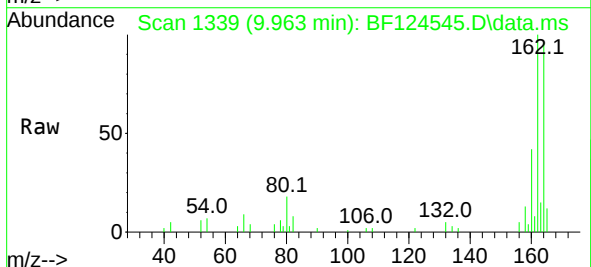
Instrument :
BNA_F
ClientSampleId :
PB137642BL

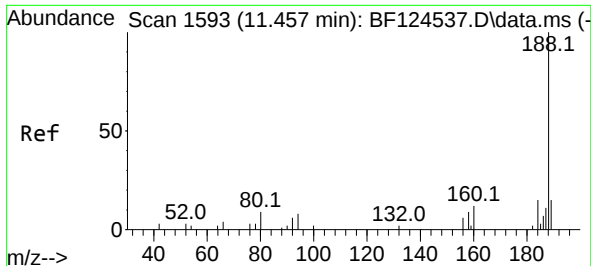
Tgt Ion:165 Resp: 2446
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.690 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion:165 Resp: 2446
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

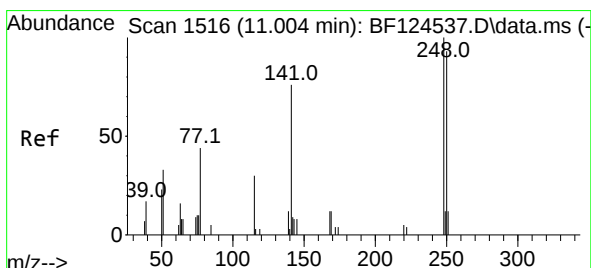
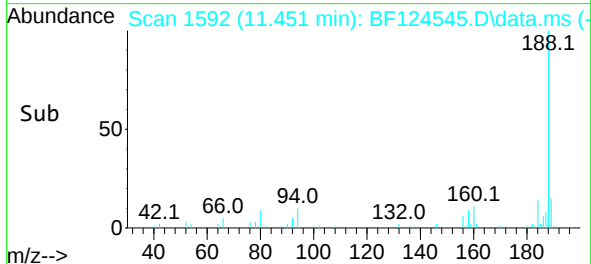
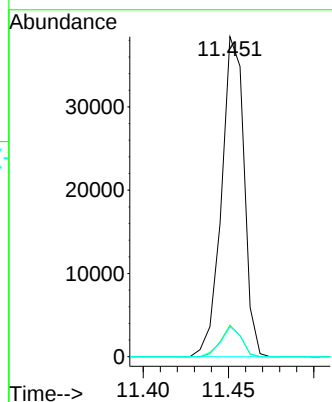
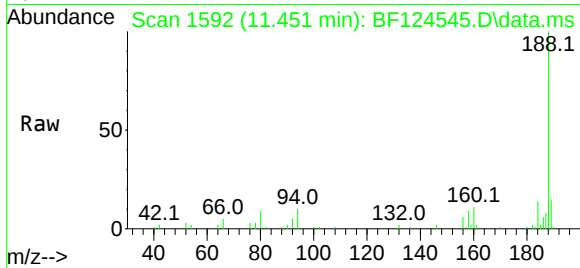




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

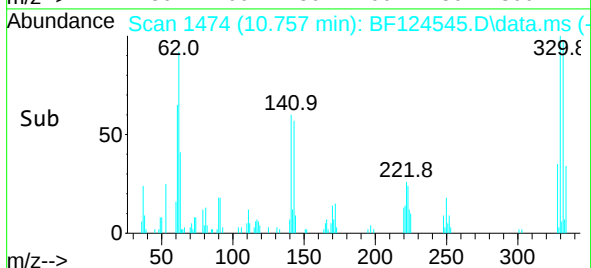
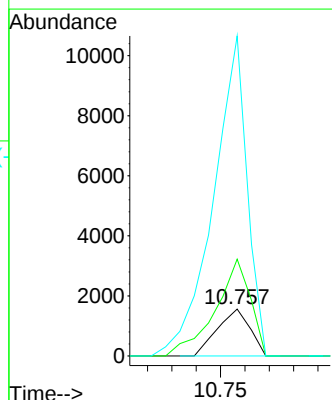
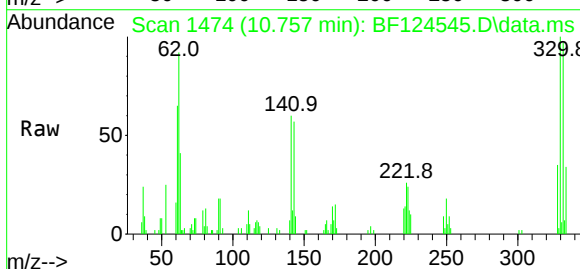
Instrument :
BNA_F
ClientSampleId :
PB137642BL

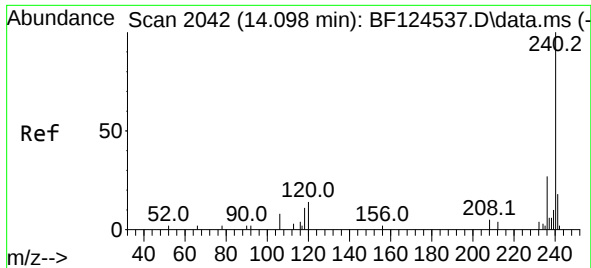
Tgt Ion:188 Resp: 35302
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.964 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion:248 Resp: 1447
Ion Ratio Lower Upper
248 100
250 206.5 74.2 111.4#
141 682.3 60.4 90.6#

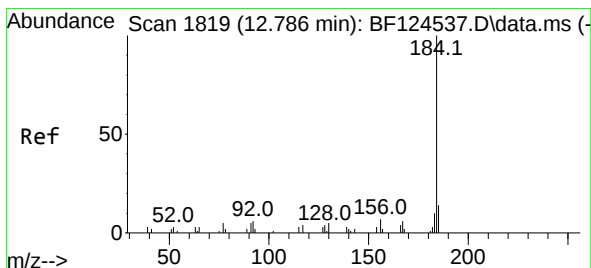
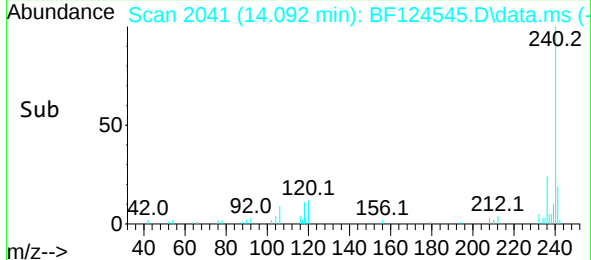
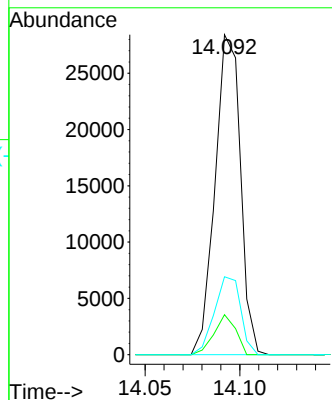
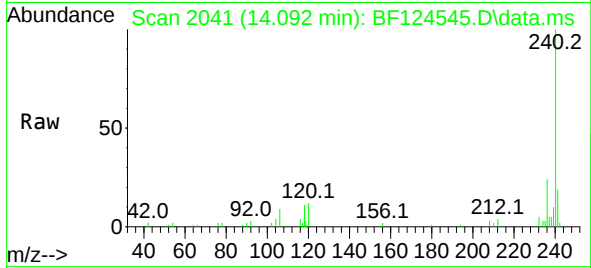




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

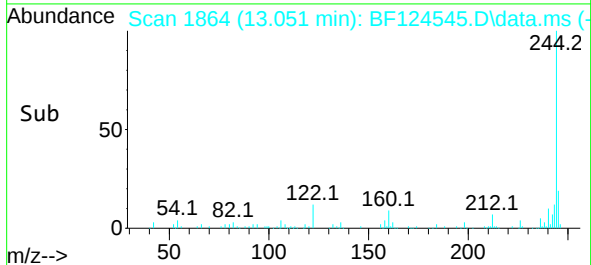
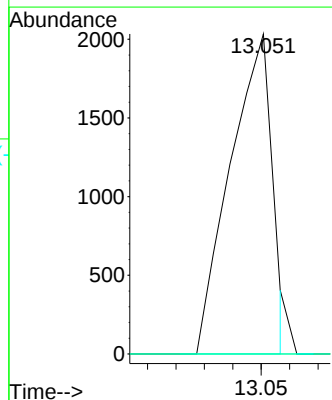
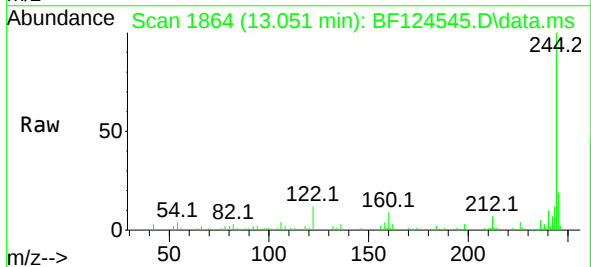
Instrument :
BNA_F
ClientSampleId :
PB137642BL

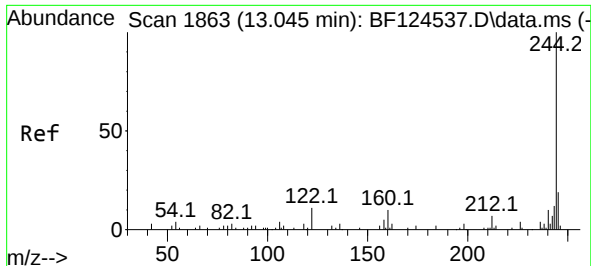
Tgt Ion:240 Resp: 26492
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 24.3 21.6 32.4



#77
Benzidine
Concen: 2.117 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.265 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion:184 Resp: 2097
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

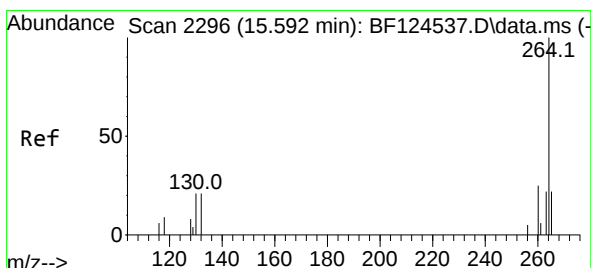
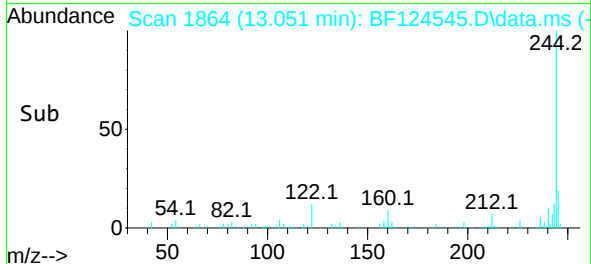
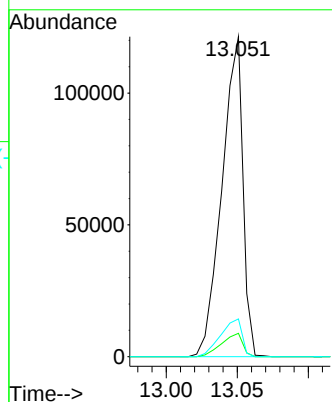
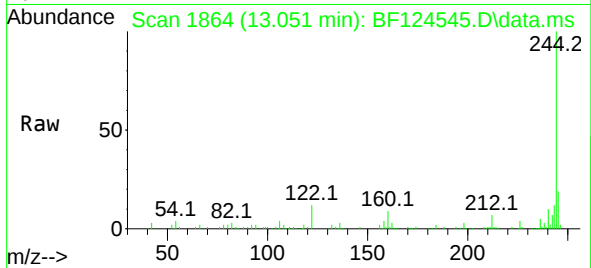




#79
Terphenyl-d14
Concen: 78.678 ng
RT: 13.051 min Scan# 1864
Delta R.T. 0.006 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Instrument :
BNA_F
ClientSampleId :
PB137642BL

Tgt Ion:244 Resp: 124126
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.8 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF124545.D
Acq: 13 Jul 2021 14:03

Tgt Ion:264 Resp: 20933
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 21.5 17.2 25.8

