

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
 Data File : BF124561.D
 Acq On : 14 Jul 2021 12:58
 Operator : JU/CG
 Sample : PB137674BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137674BL

Quant Time: Jul 14 13:26:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 13:25:43 2021
 Response via : Initial Calibration

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

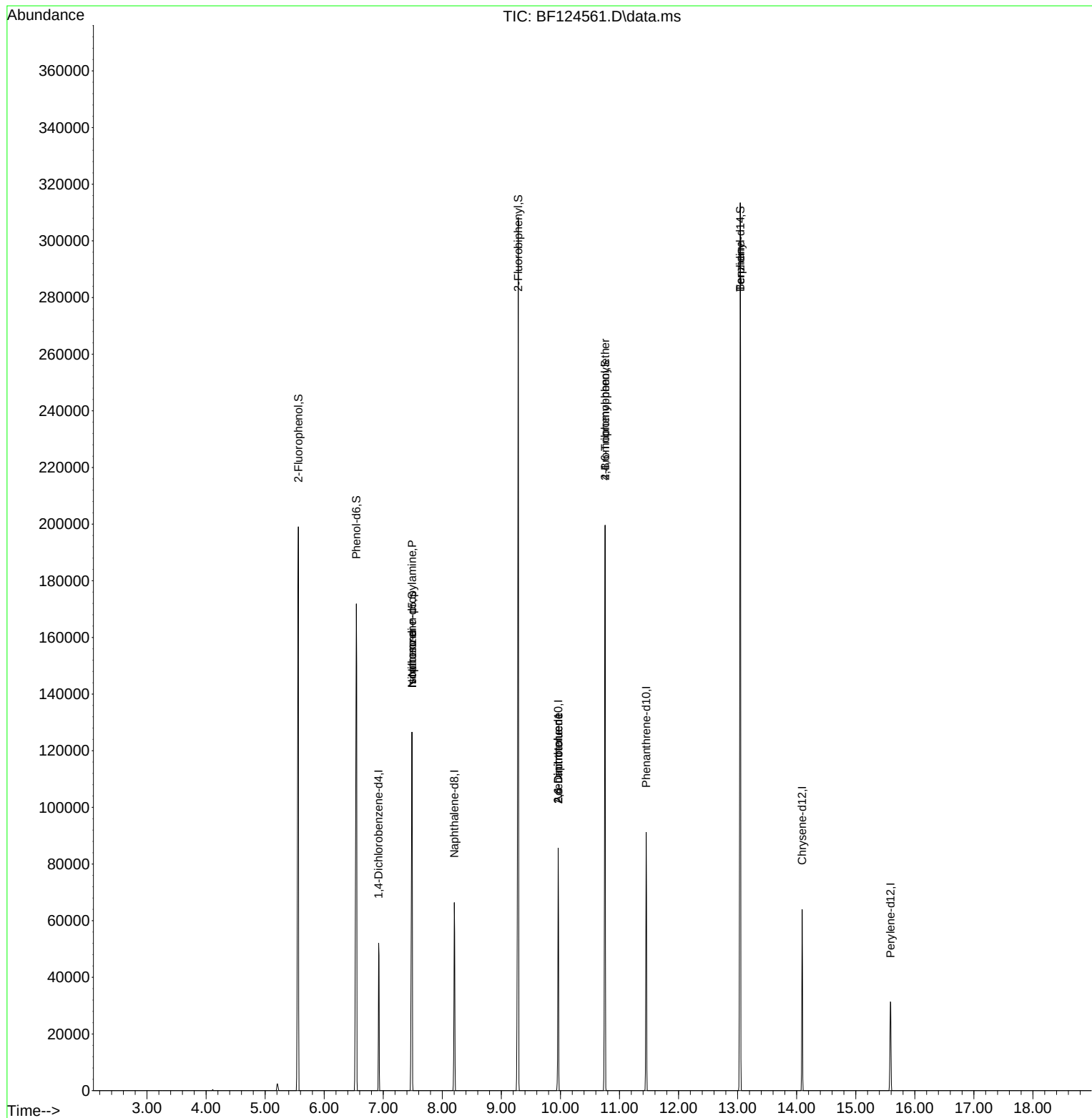
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	8605	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	33603	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	18522	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	33680	20.000	ng	0.00
76) Chrysene-d12	14.092	240	22461	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	16779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	62803	126.451	ng	0.02
7) Phenol-d6	6.545	99	73726	122.025	ng	0.00
23) Nitrobenzene-d5	7.487	82	45761	85.967	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	18343	127.262	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	106587	83.916	ng	0.00
79) Terphenyl-d14	13.045	244	117264	87.668	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	5938	17.481	ng	# 85
25) Isophorone	7.487	82	45631	46.696	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	2194	8.636	ng	# 26
57) 2,4-Dinitrotoluene	9.963	165	2194	6.308	ng	# 18
67) 4-Bromophenyl-phenylether	10.757	248	1480	4.250	ng	# 1
77) Benzidine	13.045	184	1700	2.025	ng	# 80

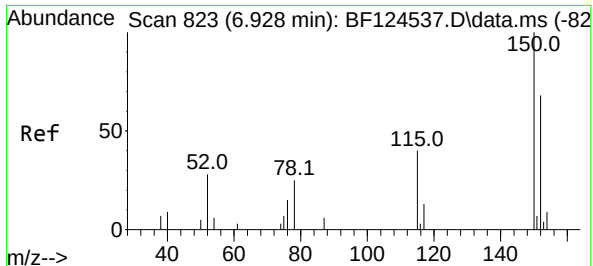
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071421\
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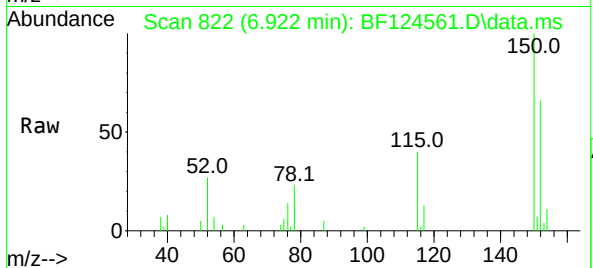
Quant Time: Jul 14 13:26:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 13:25:43 2021
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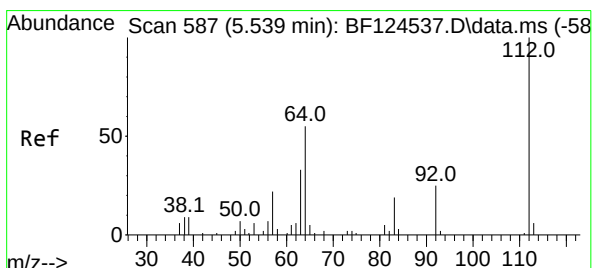
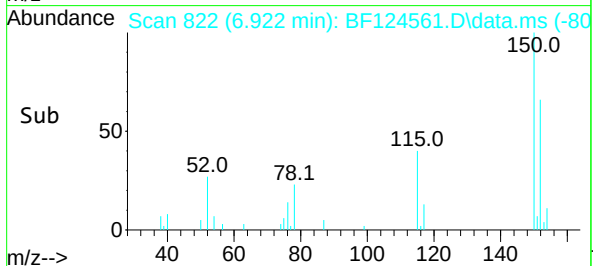
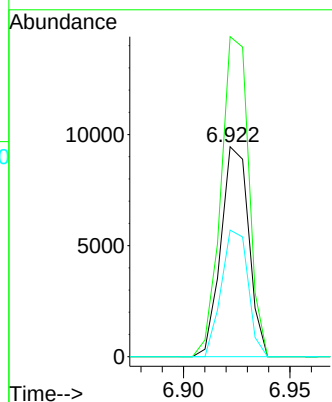


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

Instrument :
BNA_F
ClientSampleId :
PB137674BL

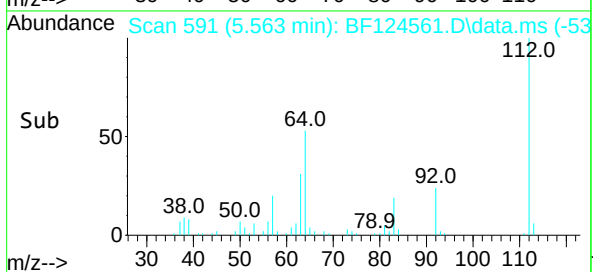
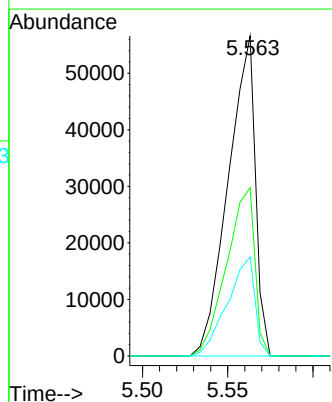
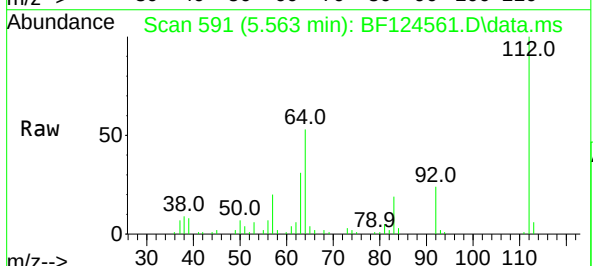


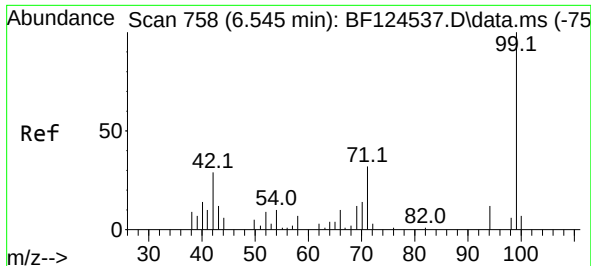
Tgt Ion:152 Resp: 8605
Ion Ratio Lower Upper
152 100
150 152.5 117.6 176.4
115 60.3 47.1 70.7



#5
2-Fluorophenol
Concen: 126.451 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.024 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

Tgt Ion:112 Resp: 62803
Ion Ratio Lower Upper
112 100
64 52.5 44.2 66.2
63 30.9 26.2 39.2

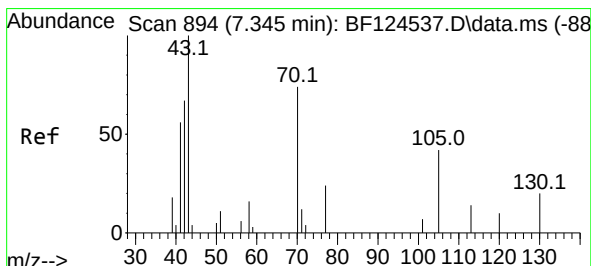
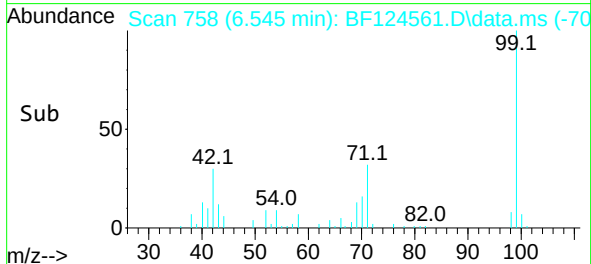
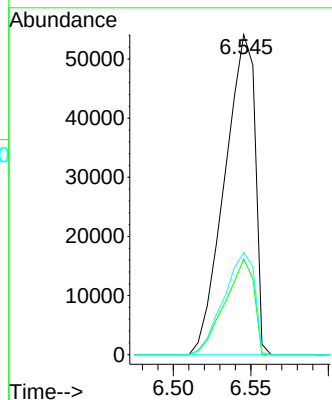
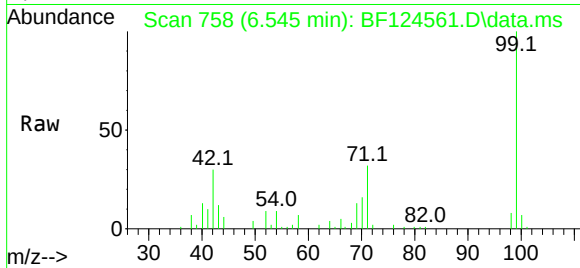




#7
Phenol-d6
Concen: 122.025 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

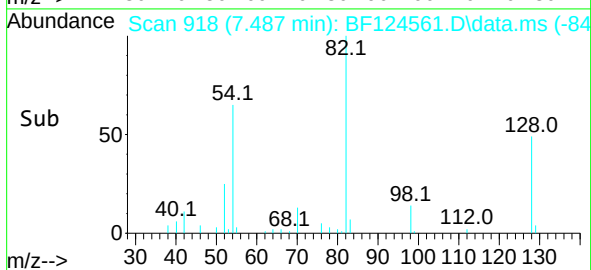
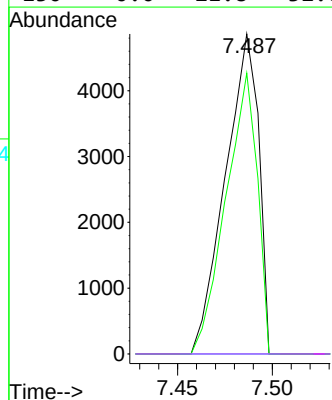
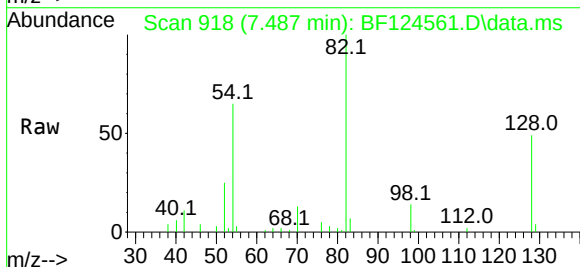
Instrument :
BNA_F
ClientSampleId :
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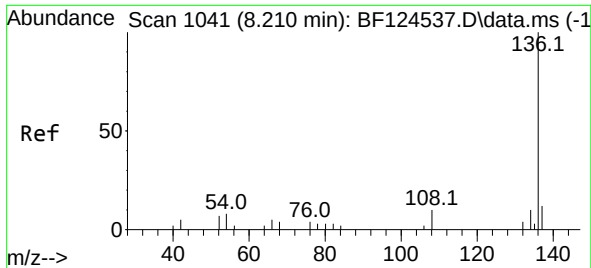
Tgt Ion: 99 Resp: 73726
Ion Ratio Lower Upper
99 100
42 29.9 23.5 35.3
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.481 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.141 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

Tgt Ion: 70 Resp: 5938
Ion Ratio Lower Upper
70 100
42 87.7 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

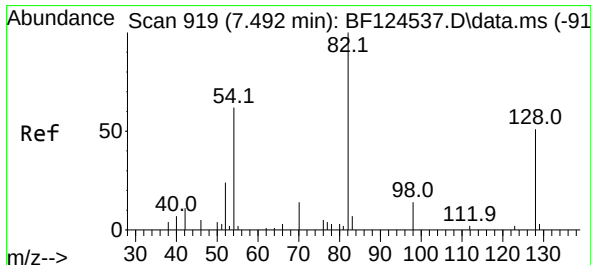
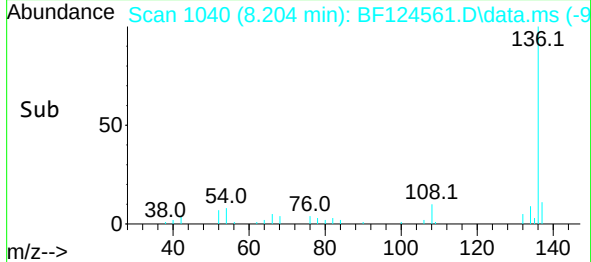
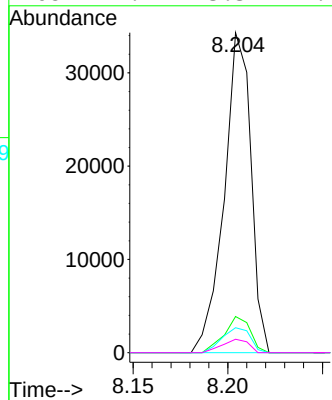
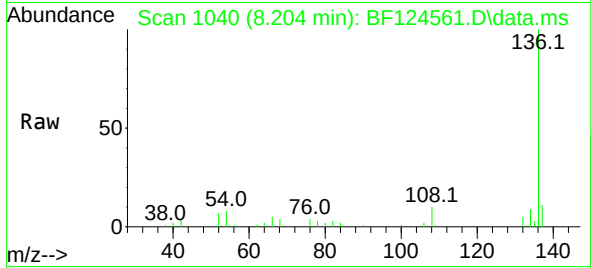




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

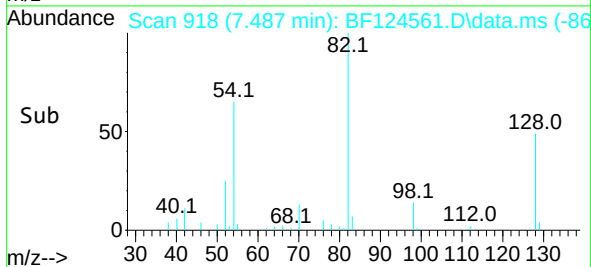
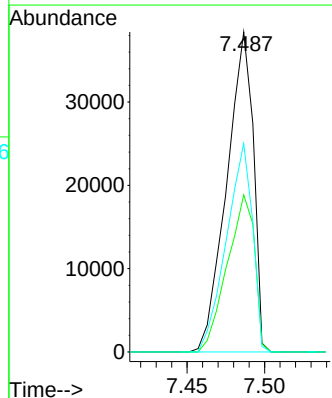
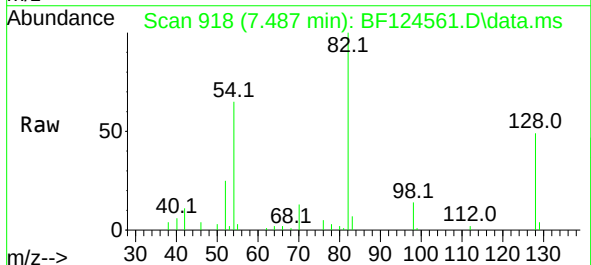
Instrument :
BNA_F
ClientSampleId :
PB137674BL

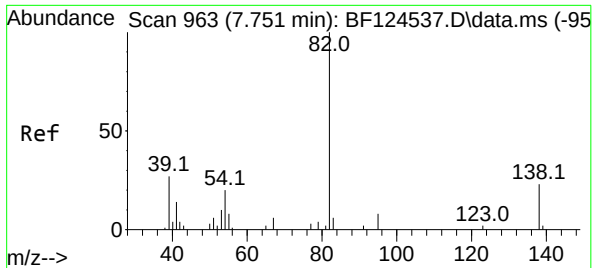
Tgt Ion:	136	Resp:	33603
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.8	14.6
54	7.8	6.4	9.6
68	4.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 85.967 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.005 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

Tgt Ion:	82	Resp:	45761
Ion Ratio	Lower	Upper	
82	100		
128	49.1	40.6	60.8
54	65.1	49.6	74.4

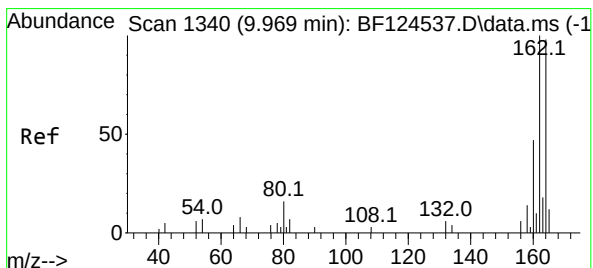
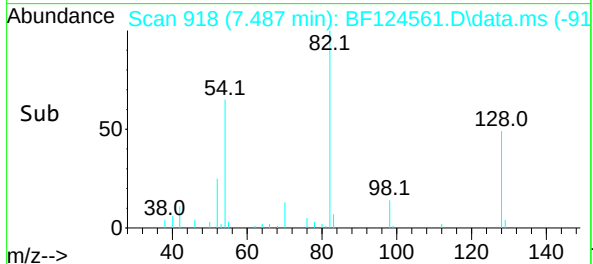
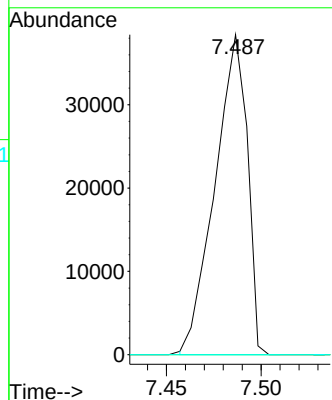
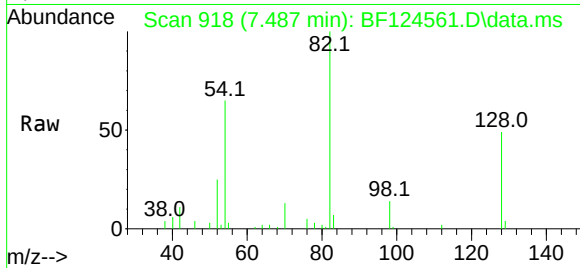




#25
Isophorone
Concen: 46.696 ng
RT: 7.487 min Scan# 918
Delta R.T. -0.265 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

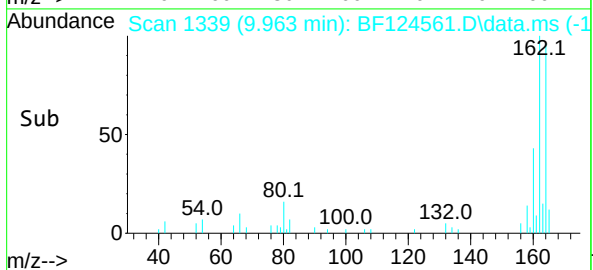
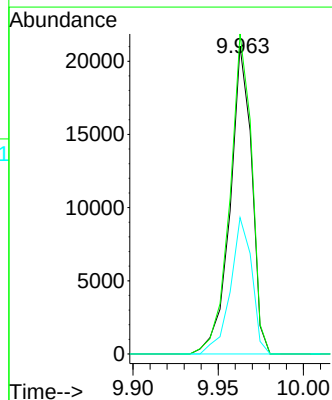
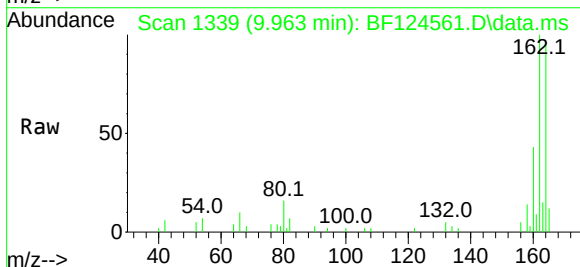
Instrument :
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ClientSampleId :
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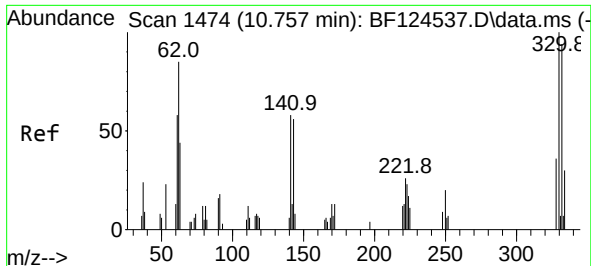
Tgt Ion: 82 Resp: 45631
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.006 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

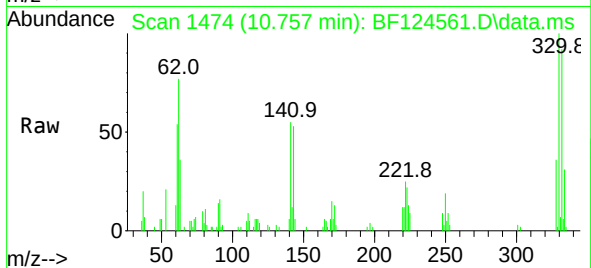
Tgt Ion: 164 Resp: 18522
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 44.3 38.0 57.0



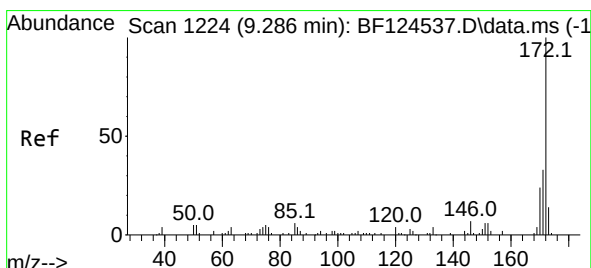
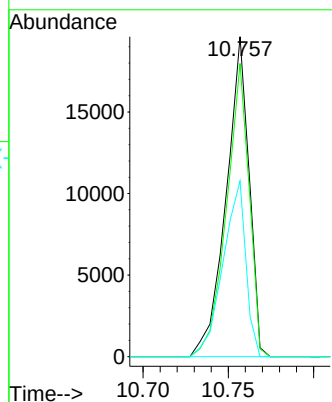
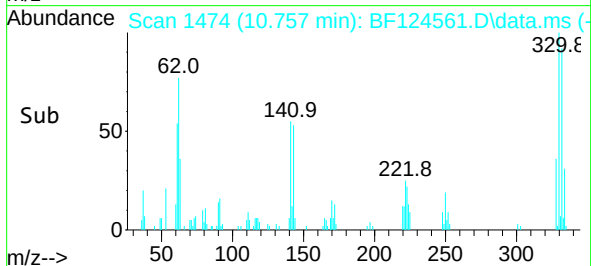


#42
2,4,6-Tribromophenol
Concen: 127.262 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

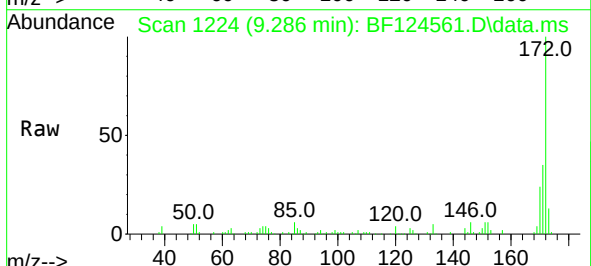
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BNA_F
ClientSampleId :
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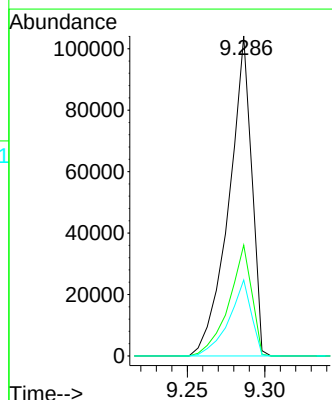
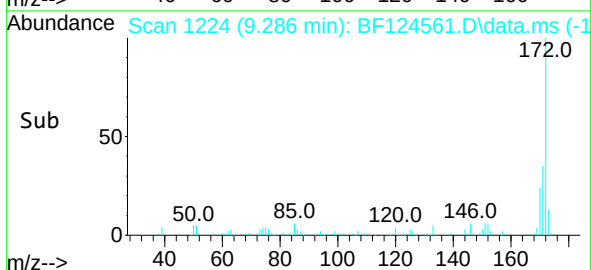
Tgt Ion: 330 Resp: 18343
Ion Ratio Lower Upper
330 100
332 90.1 76.2 114.4
141 54.5 44.6 66.8

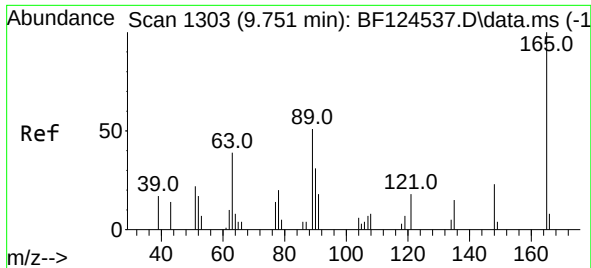


#45
2-Fluorobiphenyl
Concen: 83.916 ng
RT: 9.286 min Scan# 1224
Delta R.T. 0.000 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58



Tgt Ion: 172 Resp: 106587
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.8 18.8 28.2

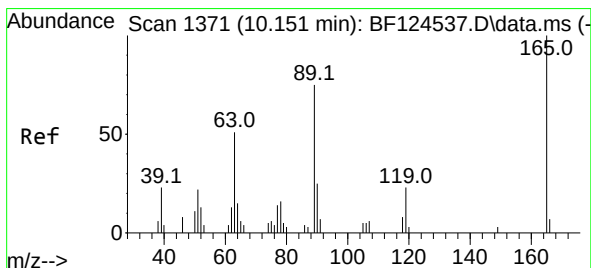
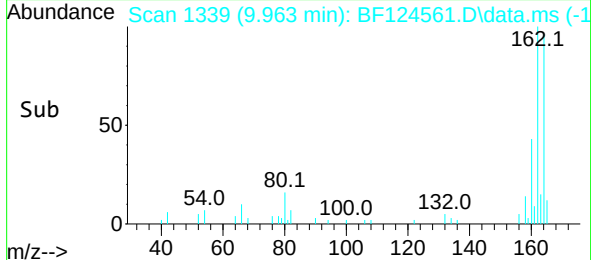
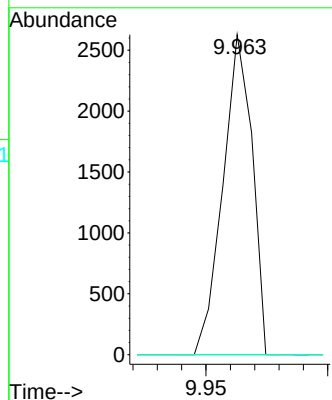
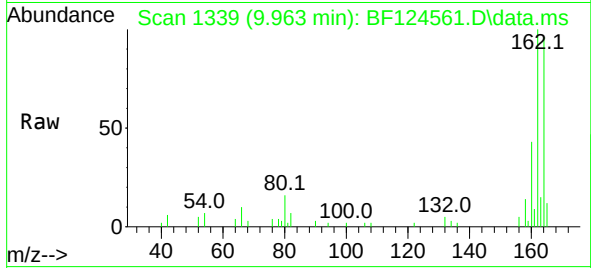




#51
2,6-Dinitrotoluene
Concen: 8.636 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.212 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

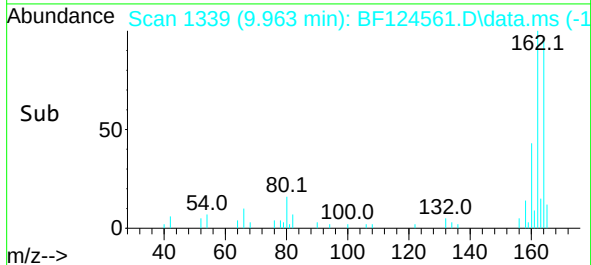
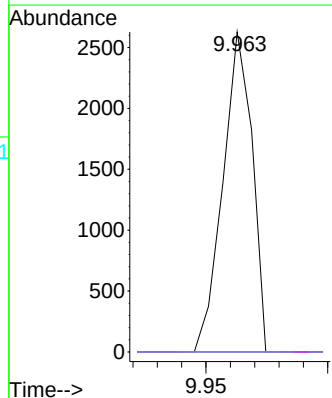
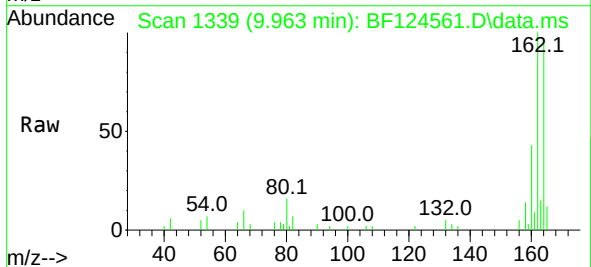
Instrument :
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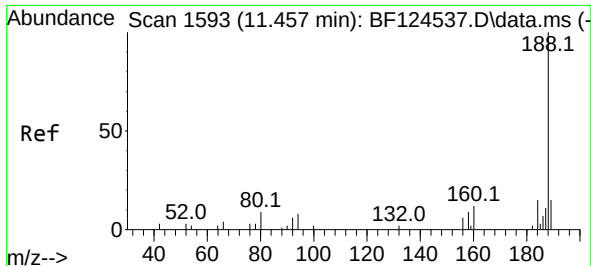
Tgt Ion:165 Resp: 2194
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.308 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

Tgt Ion:165 Resp: 2194
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

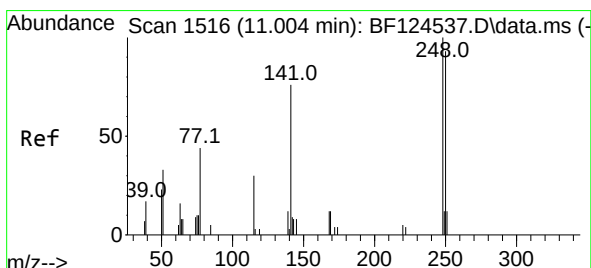
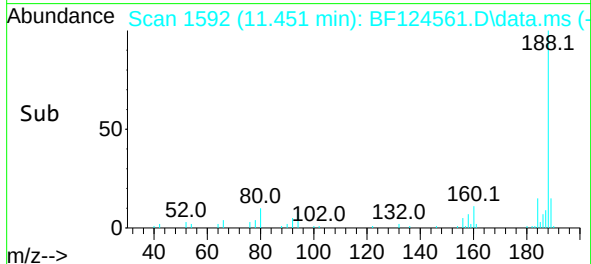
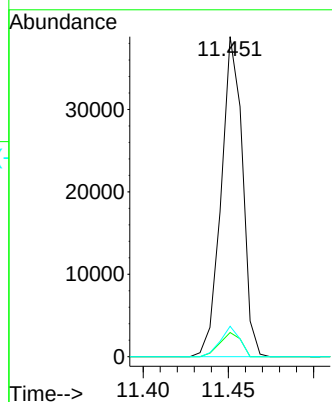
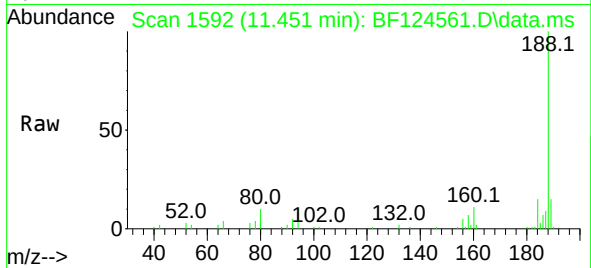




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

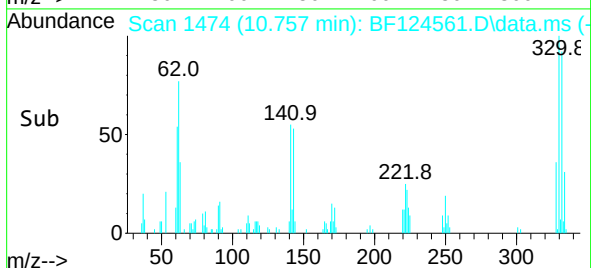
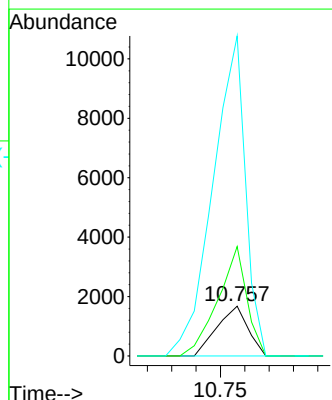
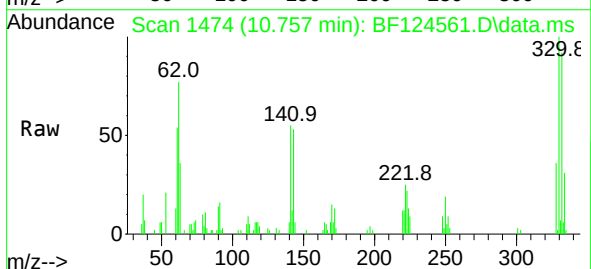
Instrument :
BNA_F
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PB137674BL

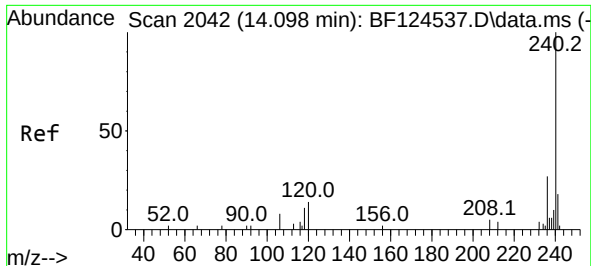
Tgt Ion:188 Resp: 33680
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.250 ng
RT: 10.757 min Scan# 1474
Delta R.T. -0.247 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

Tgt Ion:248 Resp: 1480
Ion Ratio Lower Upper
248 100
250 219.5 74.2 111.4#
141 642.0 60.4 90.6#

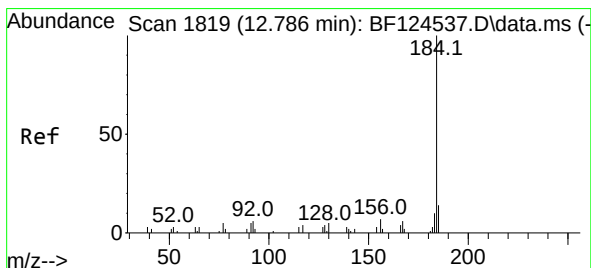
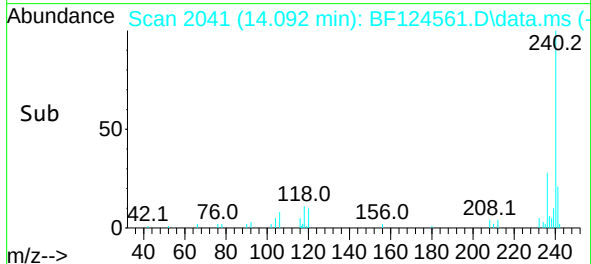
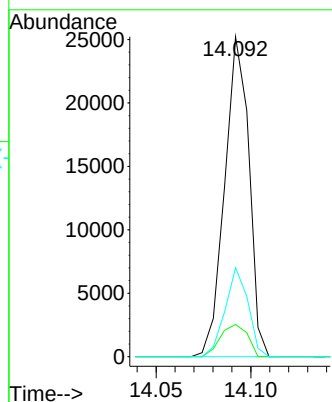
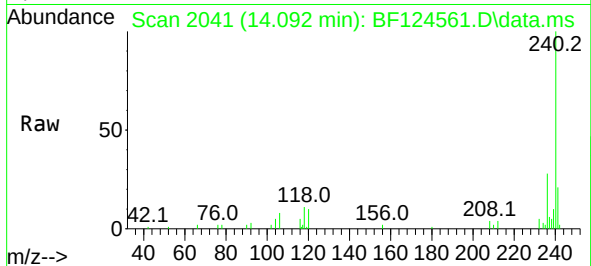




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

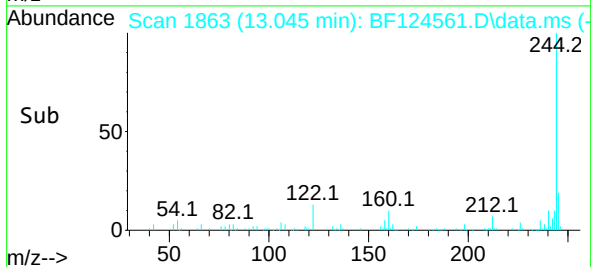
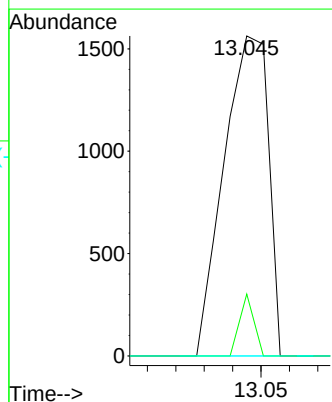
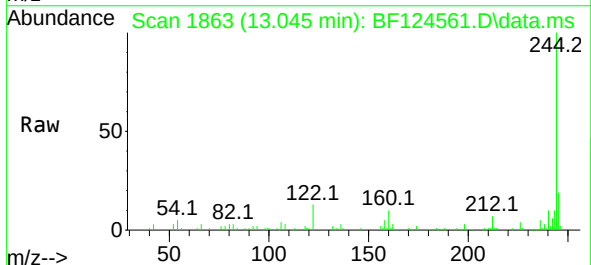
Instrument :
BNA_F
ClientSampleId :
PB137674BL

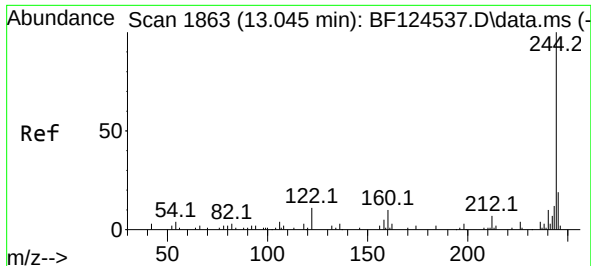
Tgt Ion:240 Resp: 22461
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 27.8 21.6 32.4



#77
Benzidine
Concen: 2.025 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.259 min
Lab File: BF124561.D
Acq: 14 Jul 2021 12:58

Tgt Ion:184 Resp: 1700
Ion Ratio Lower Upper
184 100
185 19.3 10.8 16.2#
183 0.0 8.1 12.1#

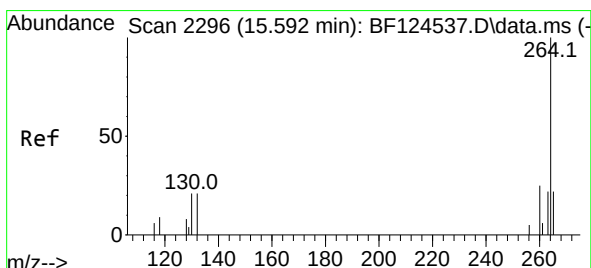
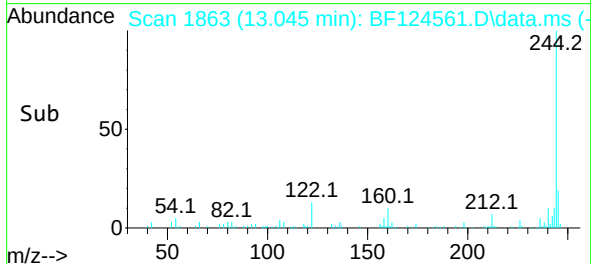
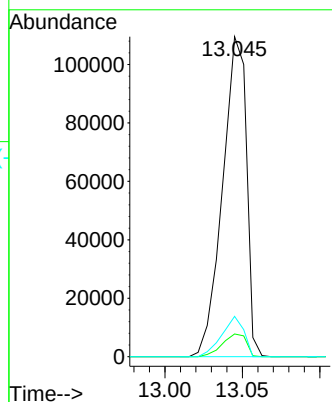
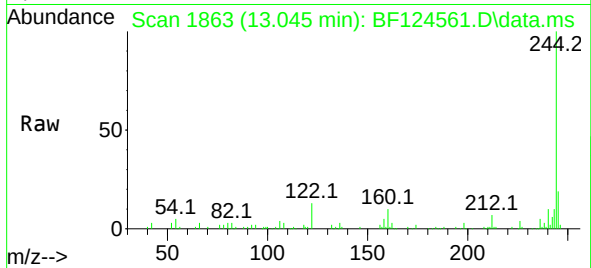




#79
 Terphenyl-d14
 Concen: 87.668 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF124561.D
 Acq: 14 Jul 2021 12:58

Instrument :
 BNA_F
 ClientSampleId :
 PB137674BL

Tgt Ion:244 Resp: 117264
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.6 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: BF124561.D
 Acq: 14 Jul 2021 12:58

Tgt Ion:264 Resp: 16779
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 20.5 17.2 25.8

