

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124628.D
 Acq On : 20 Jul 2021 13:25
 Operator : JU/CG
 Sample : PB137770BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137770BL

Quant Time: Jul 20 13:58:51 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 20 13:36:28 2021
 Response via : Initial Calibration

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

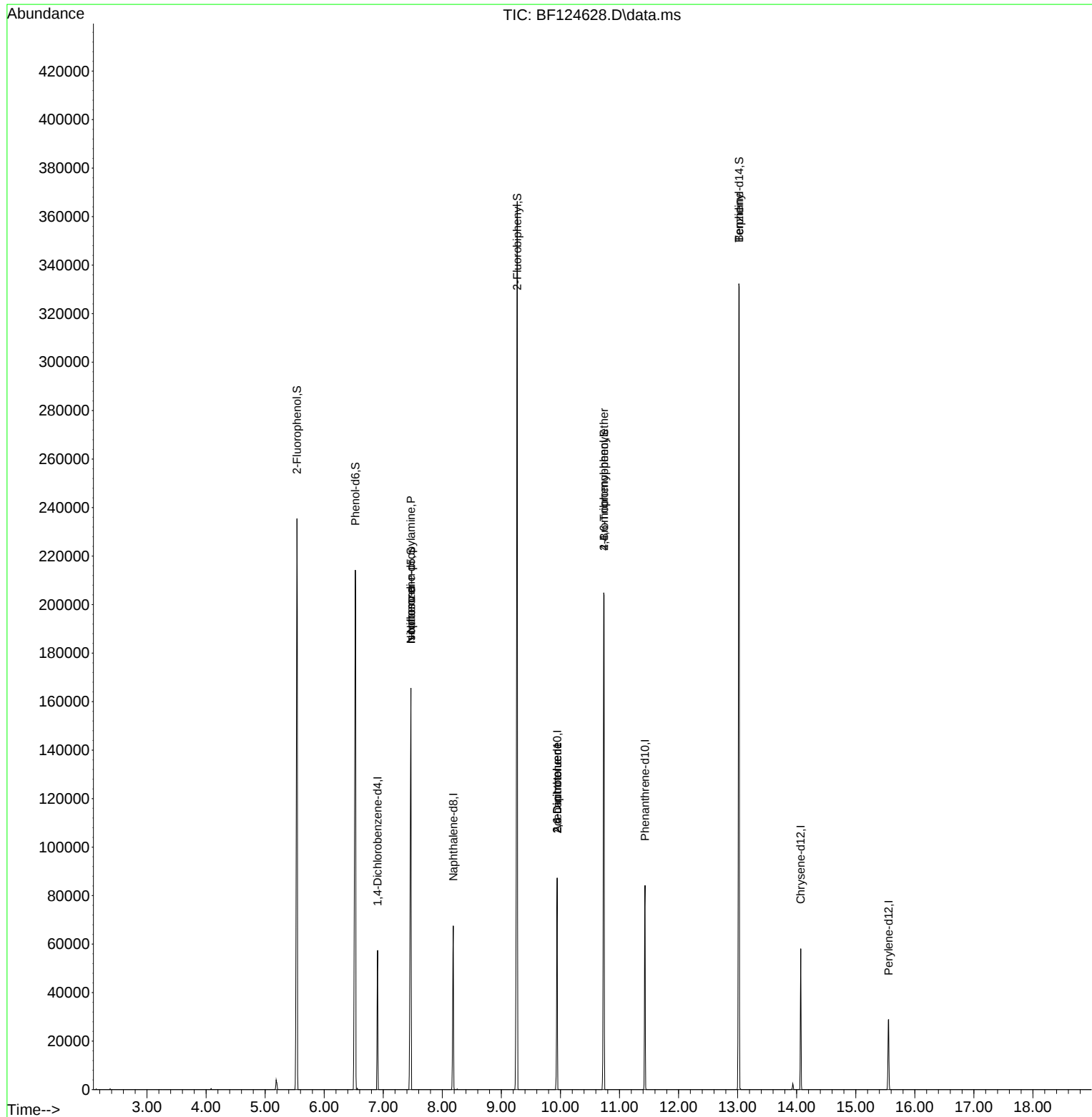
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	8689	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	34889	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	19025	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	33607	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	20492	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	14780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	84069	167.632	ng	0.02
7) Phenol-d6	6.528	99	96414	158.034	ng	0.00
23) Nitrobenzene-d5	7.469	82	58169	105.249	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	23342	157.663	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	132049	101.214	ng	0.00
79) Terphenyl-d14	13.027	244	132351	108.454	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	7699	22.446	ng	# 71
25) Isophorone	7.469	82	57310	56.486	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	2257	8.649	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	2257	6.318	ng	# 18
67) 4-Bromophenyl-phenylether	10.739	248	1912	5.502	ng	# 1
77) Benzidine	13.027	184	2052	2.679	ng	# 83

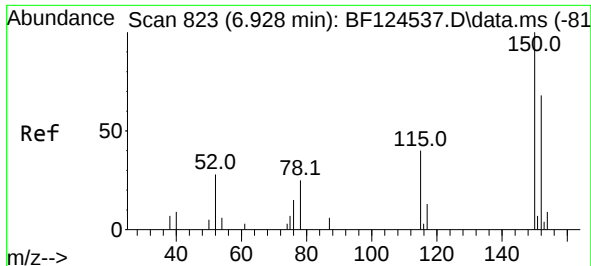
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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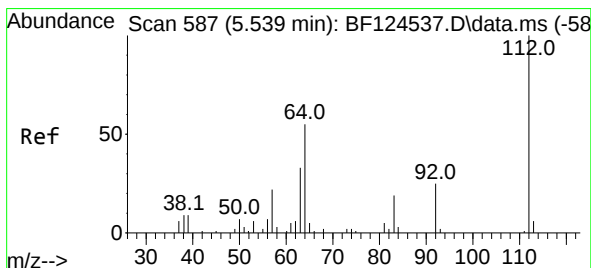
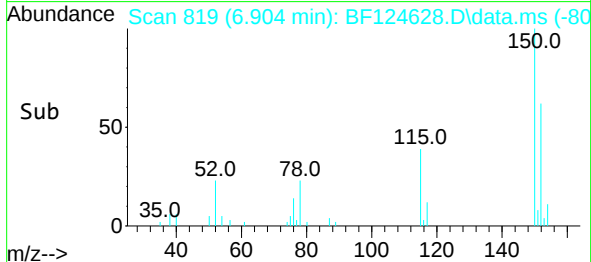
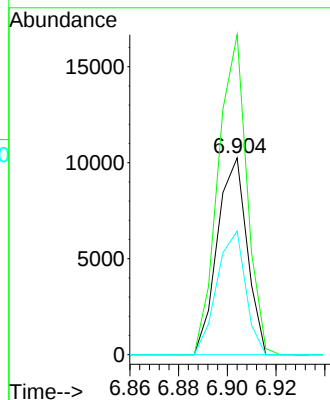
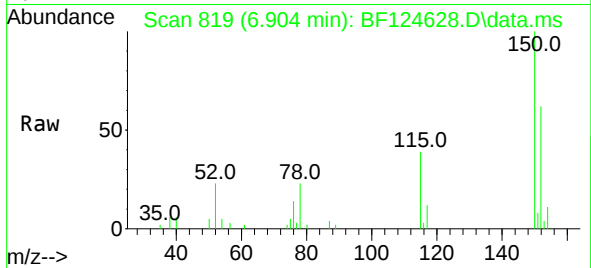




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

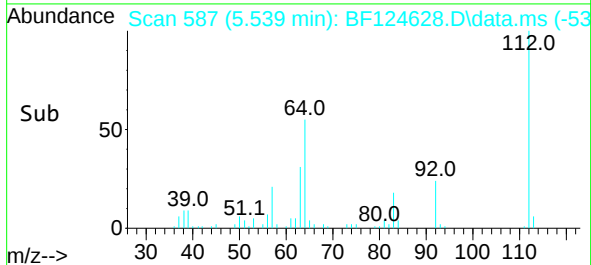
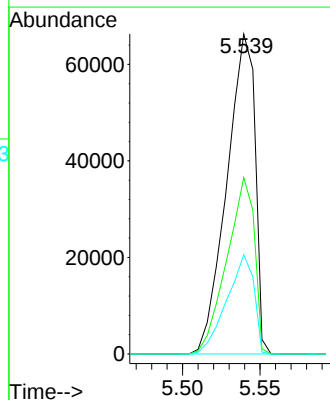
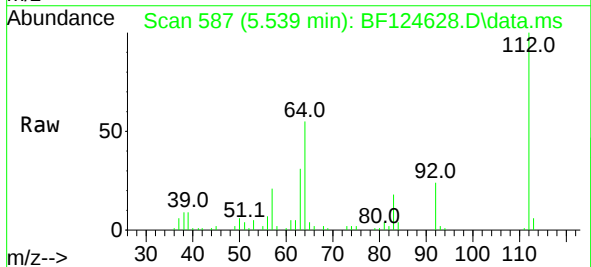
Instrument :
BNA_F
ClientSampleId :
PB137770BL

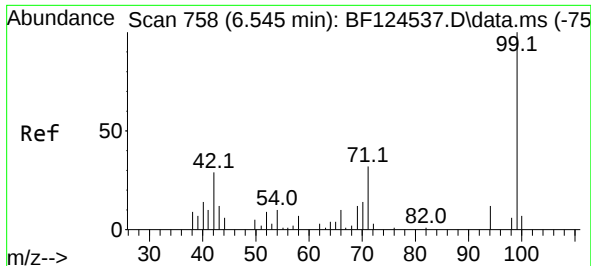
Tgt Ion:152 Resp: 8689
Ion Ratio Lower Upper
152 100
150 162.6 117.6 176.4
115 62.7 47.1 70.7



#5
2-Fluorophenol
Concen: 167.632 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.018 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

Tgt Ion:112 Resp: 84069
Ion Ratio Lower Upper
112 100
64 55.2 44.2 66.2
63 31.0 26.2 39.2

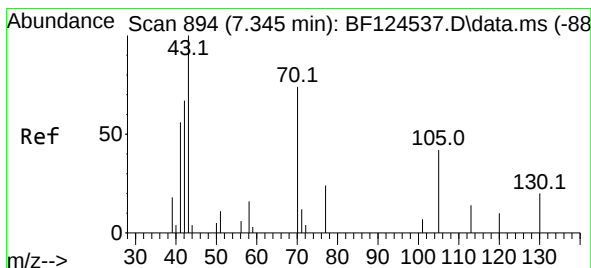
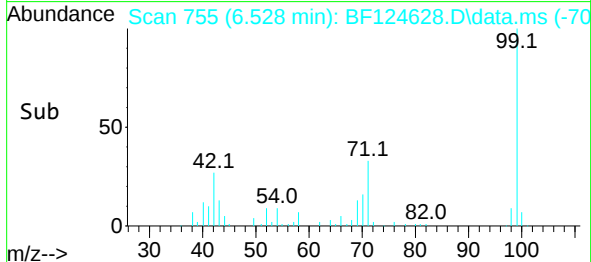
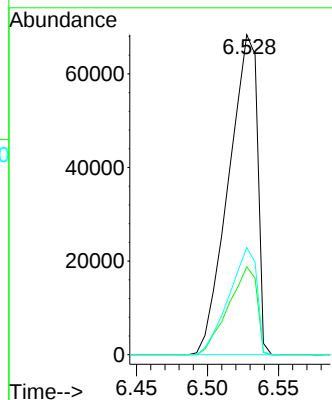
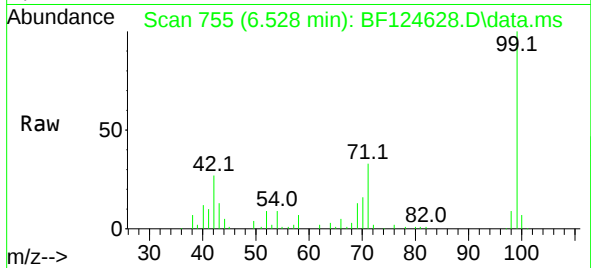




#7
Phenol-d6
Concen: 158.034 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

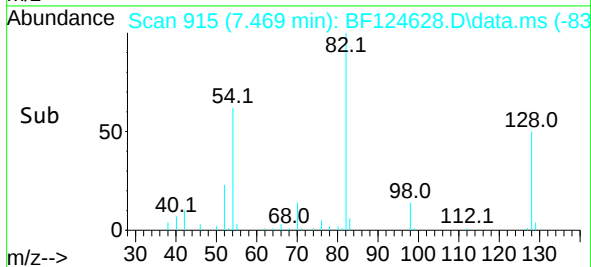
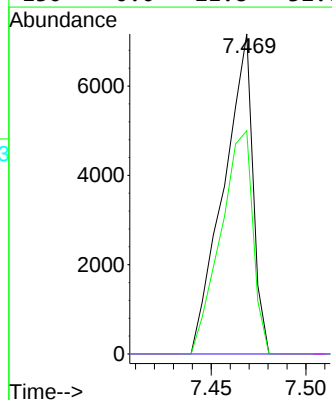
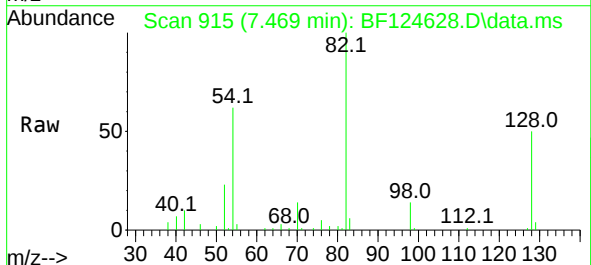
Instrument :
BNA_F
ClientSampled :
PB137770BL

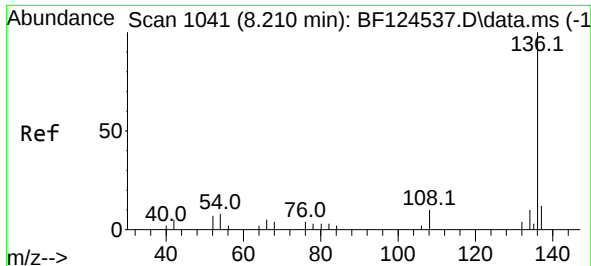
Tgt Ion: 99	Resp: 96414
Ion Ratio	Lower Upper
99 100	
42 27.5	23.5 35.3
71 33.4	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.446 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.147 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

Tgt Ion: 70	Resp: 7699
Ion Ratio	Lower Upper
70 100	
42 69.8	72.2 108.2#
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#



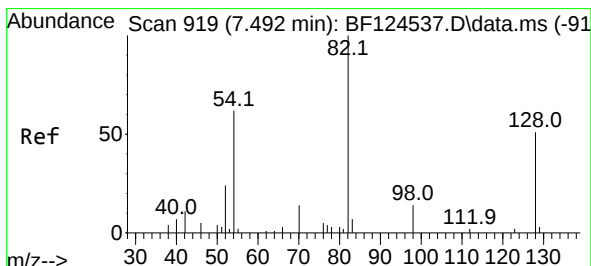
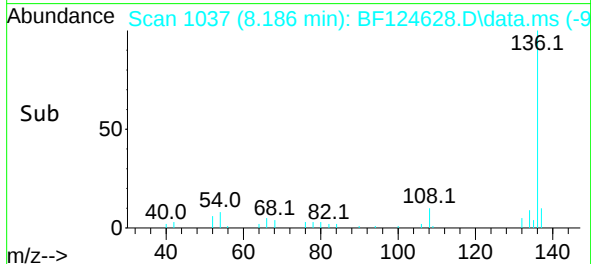
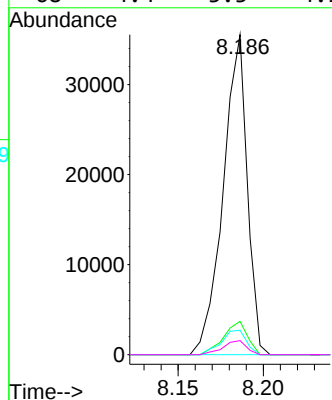
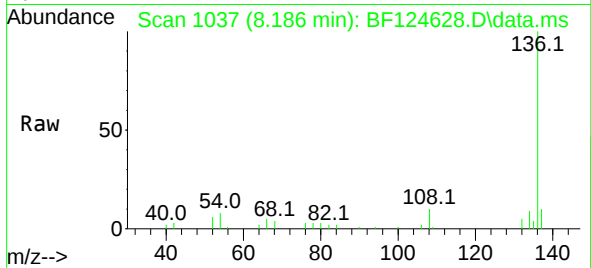


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

Instrument :
BNA_F
ClientSampleId :
PB137770BL

Tgt Ion:136 Resp: 34889

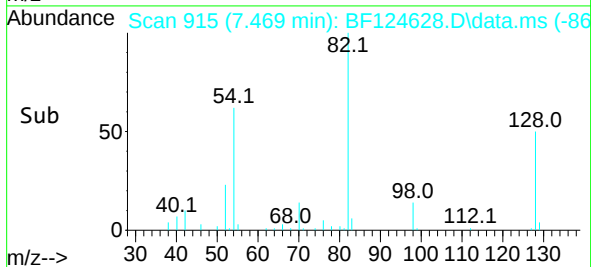
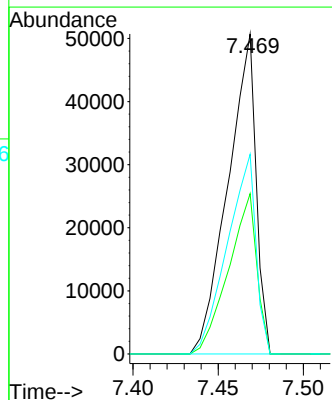
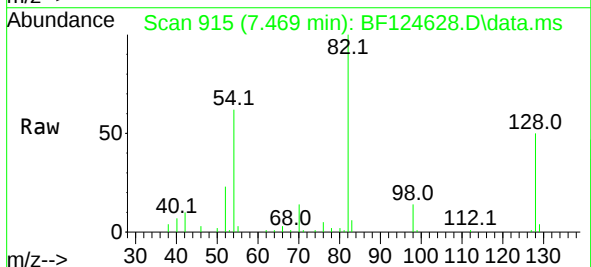
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.8	14.6
54	7.7	6.4	9.6
68	4.4	3.3	4.9

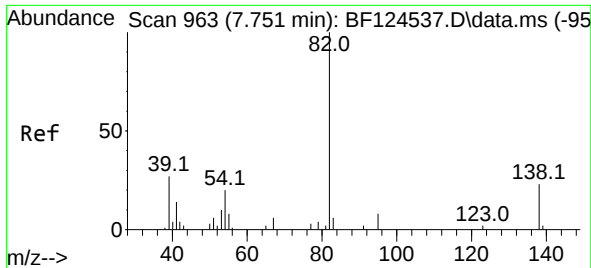


#23
Nitrobenzene-d5
Concen: 105.249 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

Tgt Ion: 82 Resp: 58169

Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.6	60.8
54	62.4	49.6	74.4

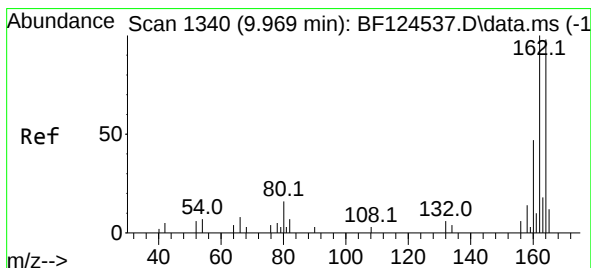
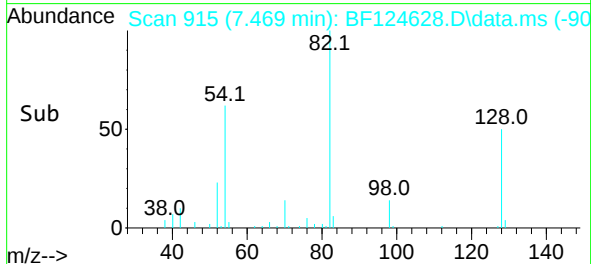
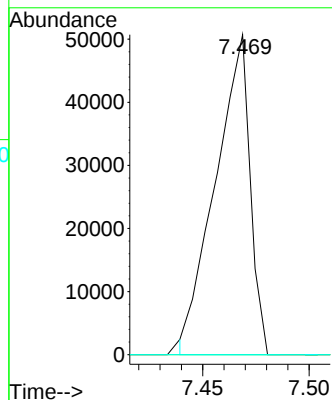
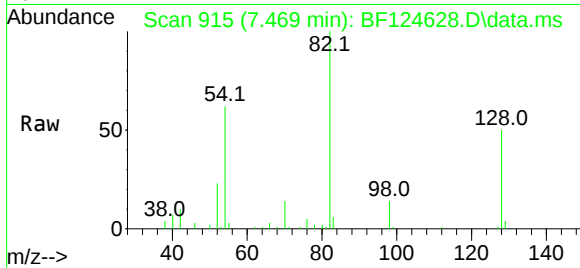




#25
Isophorone
Concen: 56.486 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.265 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

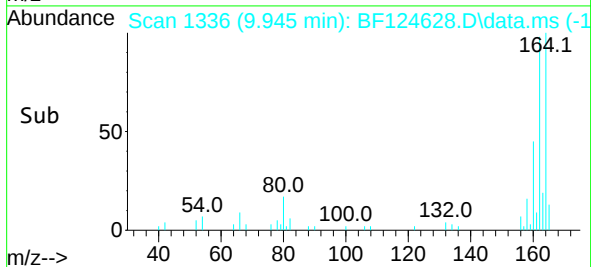
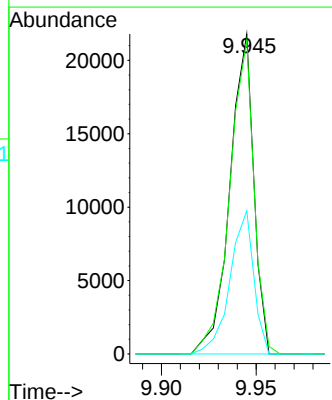
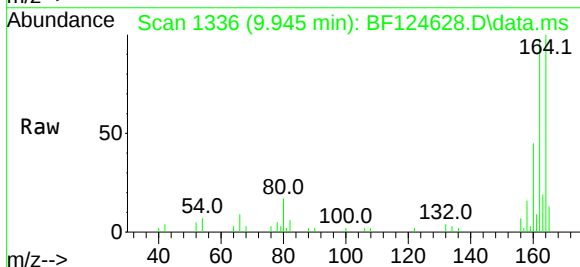
Instrument :
BNA_F
ClientSampleId :
PB137770BL

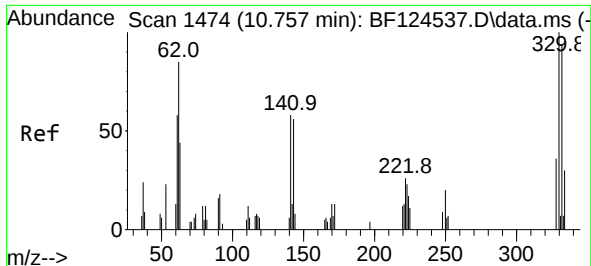
Tgt Ion: 82 Resp: 57310
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

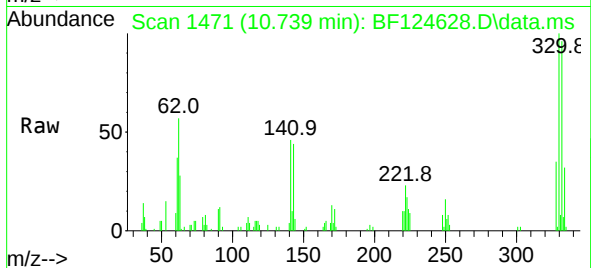
Tgt Ion: 164 Resp: 19025
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 44.7 38.0 57.0



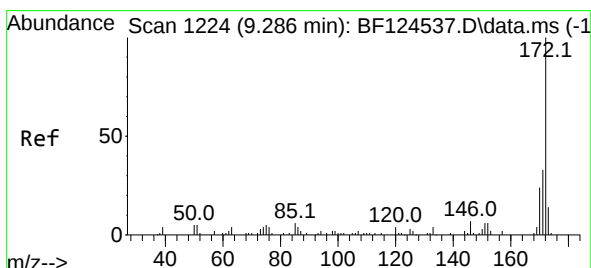
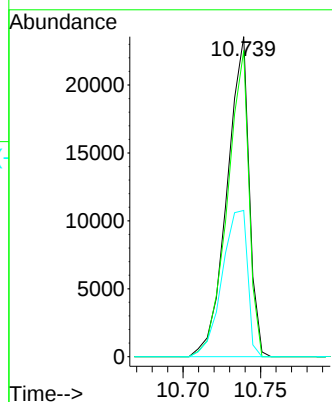
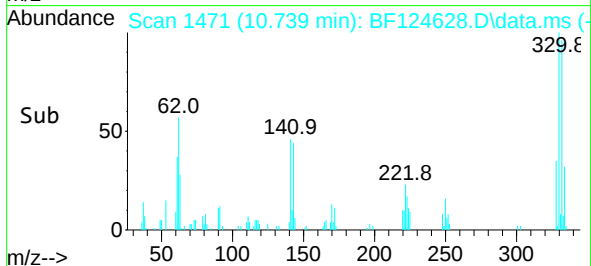


#42
2,4,6-Tribromophenol
Concen: 157.663 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

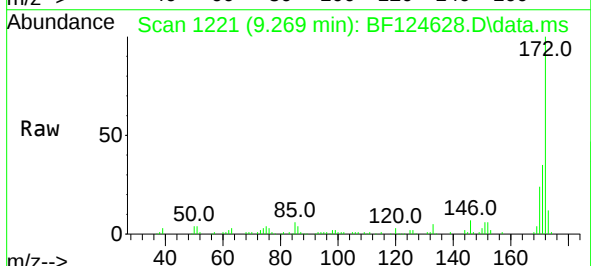
Instrument :
BNA_F
ClientSampleId :
PB137770BL



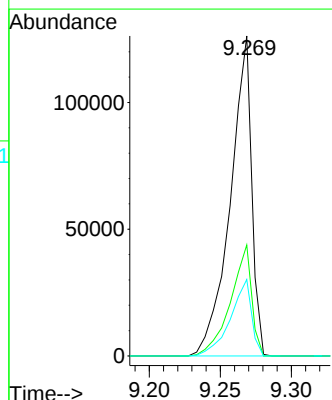
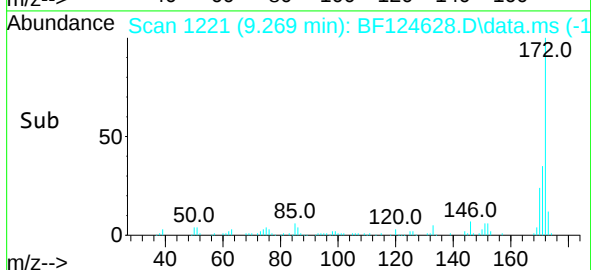
Tgt Ion: 330 Resp: 23342
Ion Ratio Lower Upper
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332 93.1 76.2 114.4
141 52.4 44.6 66.8

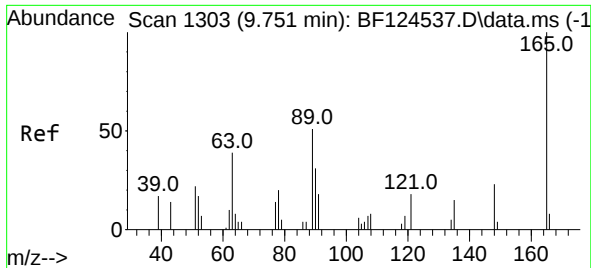


#45
2-Fluorobiphenyl
Concen: 101.214 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25



Tgt Ion: 172 Resp: 132049
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.9 18.8 28.2

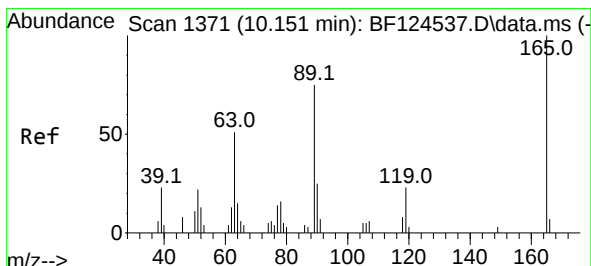
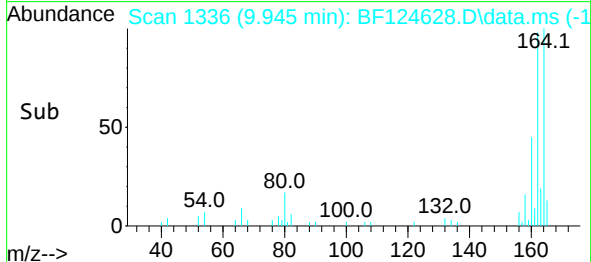
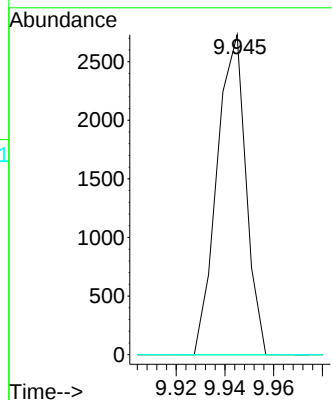
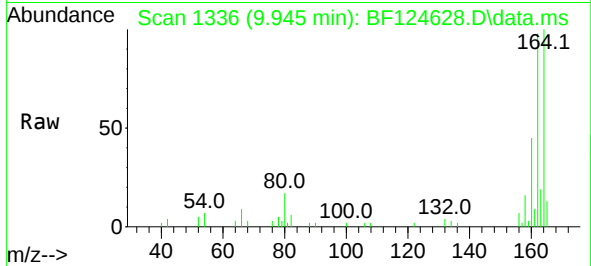




#51
2,6-Dinitrotoluene
Concen: 8.649 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

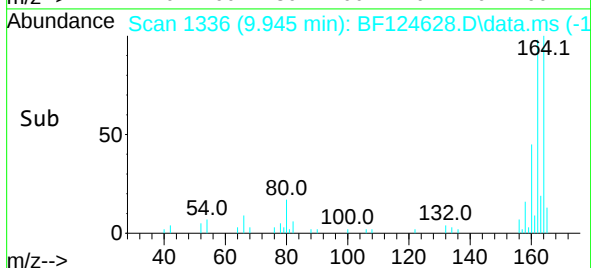
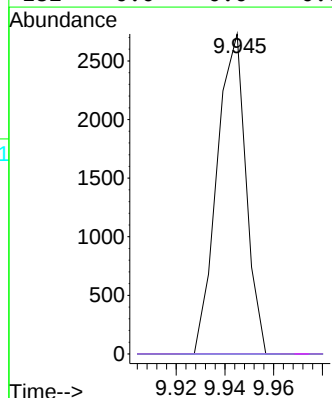
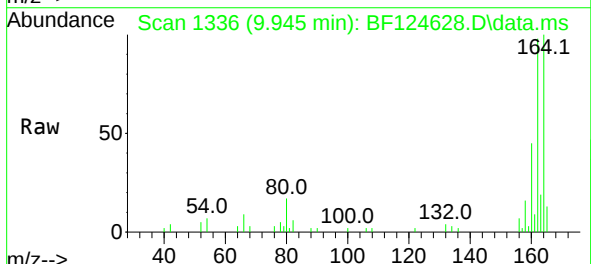
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ClientSampleId :
PB137770BL

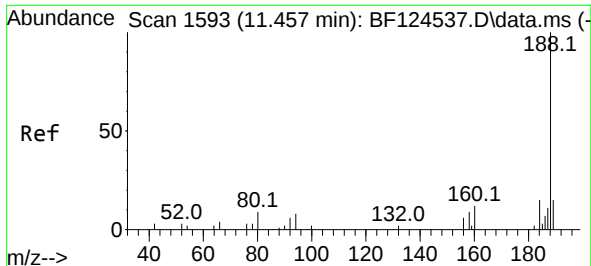
Tgt Ion:165 Resp: 2257
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

Tgt Ion:165 Resp: 2257
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

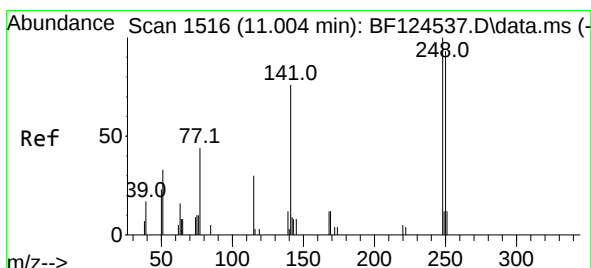
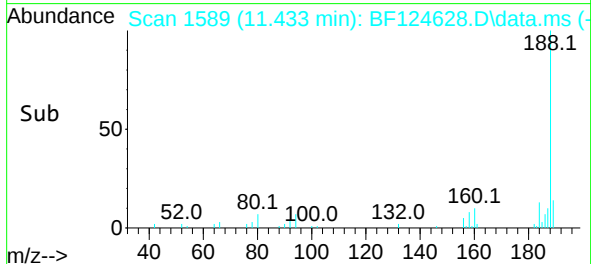
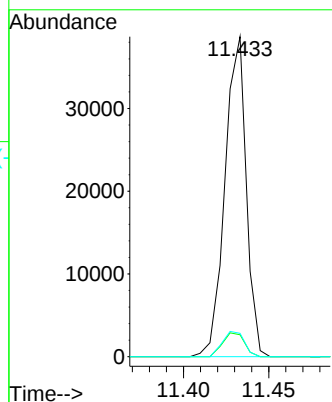
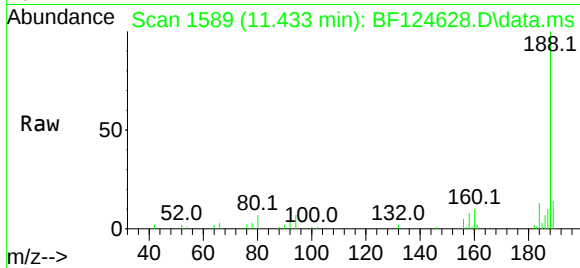




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

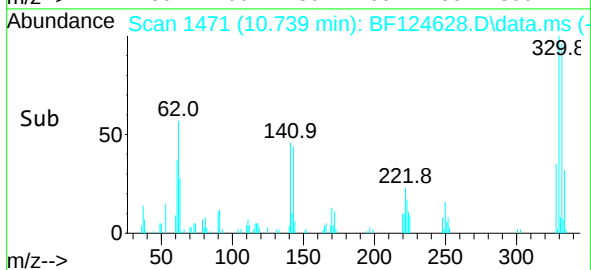
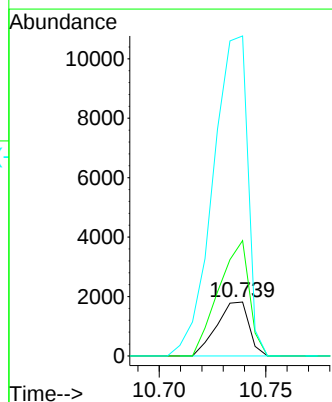
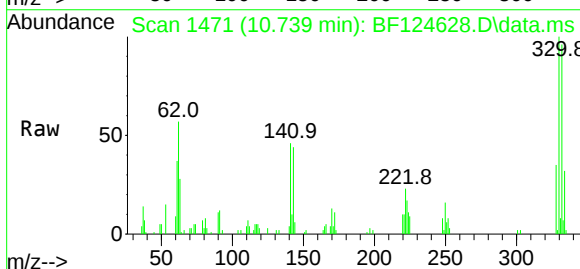
Instrument :
BNA_F
ClientSampled :
PB137770BL

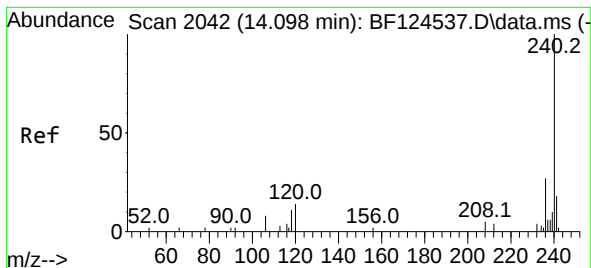
Tgt Ion:188 Resp: 33607
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 7.3 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 5.502 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

Tgt Ion:248 Resp: 1912
Ion Ratio Lower Upper
248 100
250 213.7 74.2 111.4#
141 592.7 60.4 90.6#

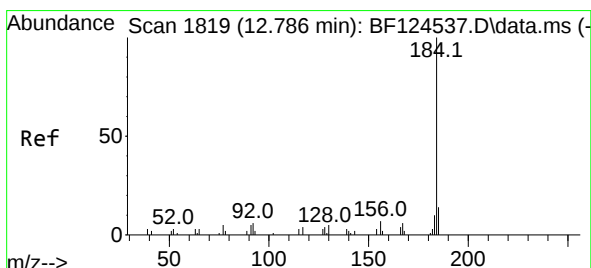
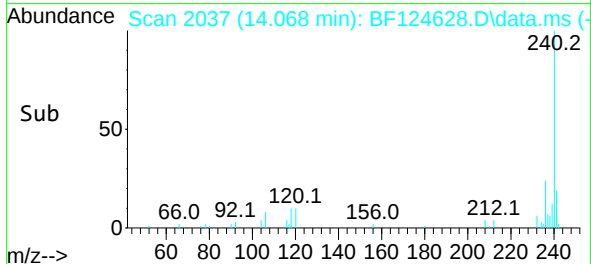
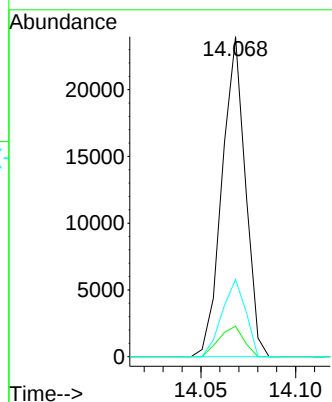
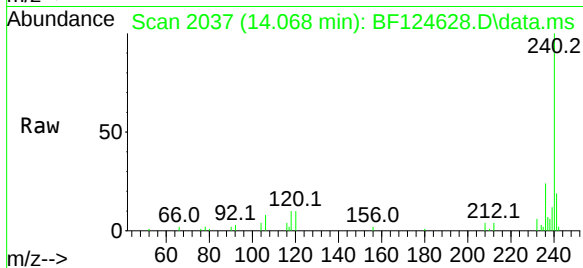




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

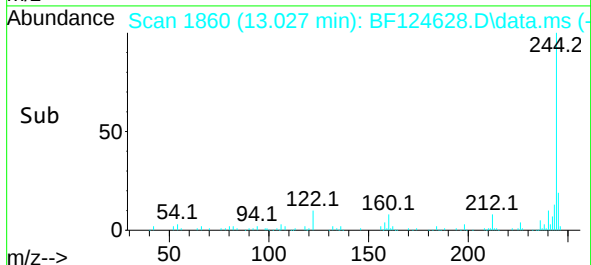
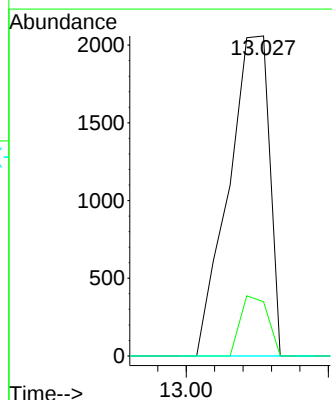
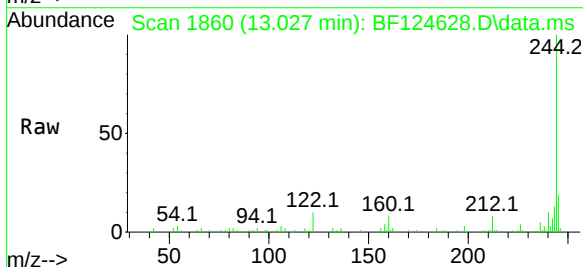
Instrument :
BNA_F
ClientSampleId :
PB137770BL

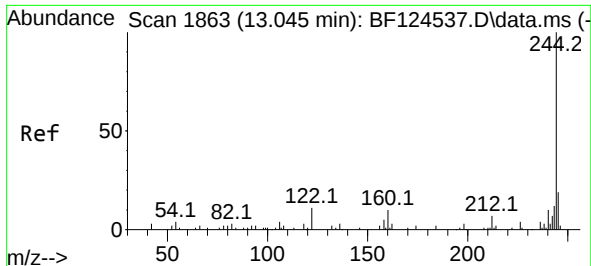
Tgt Ion:240 Resp: 20492
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 24.1 21.6 32.4



#77
Benzidine
Concen: 2.679 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF124628.D
Acq: 20 Jul 2021 13:25

Tgt Ion:184 Resp: 2052
Ion Ratio Lower Upper
184 100
185 16.9 10.8 16.2#
183 0.0 8.1 12.1#

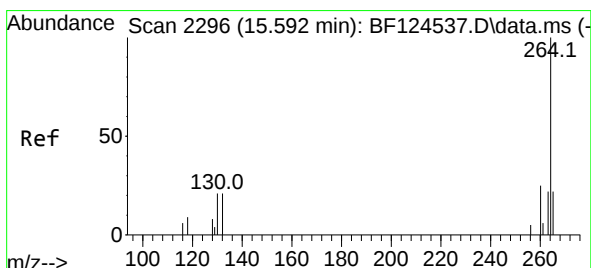
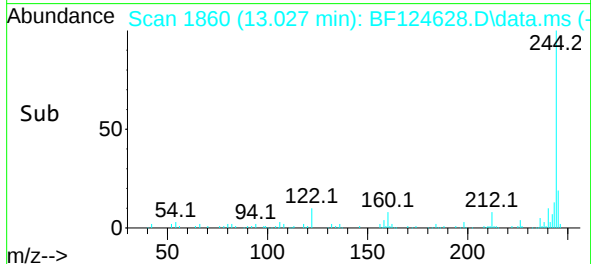
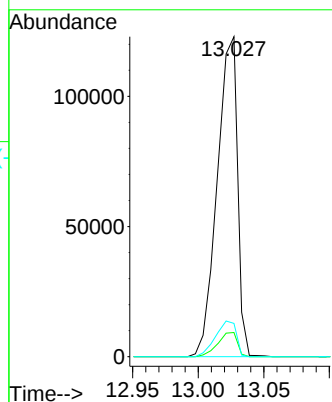
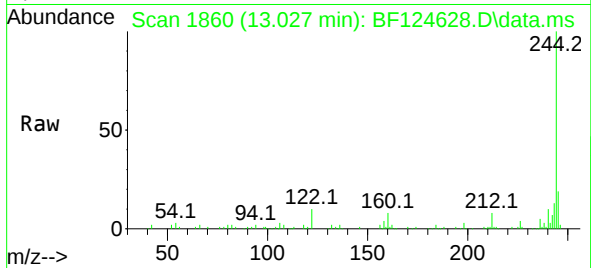




#79
 Terphenyl-d14
 Concen: 108.454 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.006 min
 Lab File: BF124628.D
 Acq: 20 Jul 2021 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB137770BL

Tgt Ion:244 Resp: 132351
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF124628.D
 Acq: 20 Jul 2021 13:25

Tgt Ion:264 Resp: 14780
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 23.1 17.2 25.8

