

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124326.D
 Acq On : 15 Jun 2021 16:57
 Operator : JU/CG
 Sample : M2674-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-05-060921

Quant Time: Jun 15 17:25:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 15:00:28 2021
 Response via : Initial Calibration

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

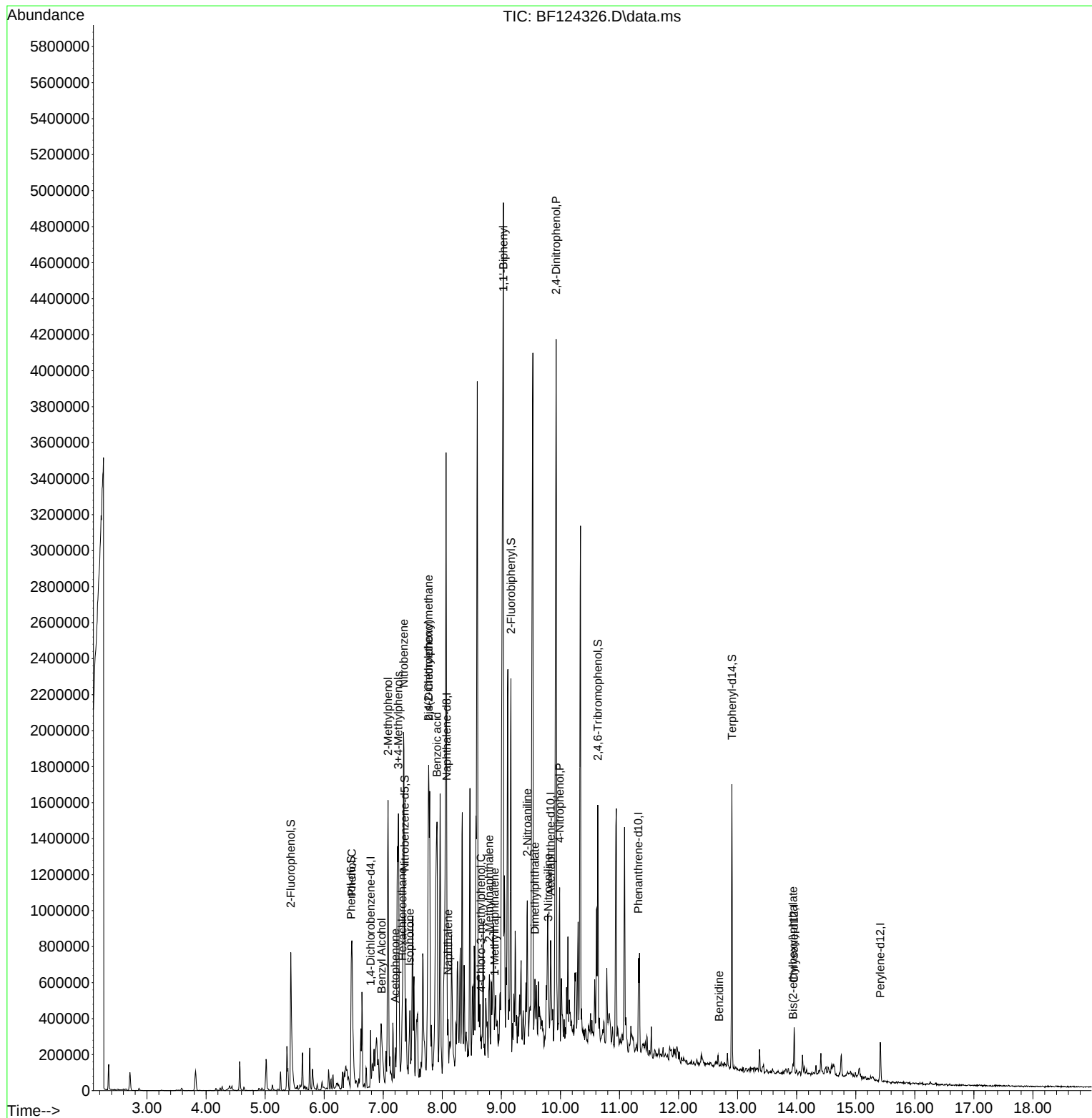
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	36415	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	142085	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	82744	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	143236	20.000	ng	0.00
76) Chrysene-d12	13.957	240	78902	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	86683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	281906	116.536	ng	0.02
7) Phenol-d6	6.457	99	298404	91.772	ng	0.01
23) Nitrobenzene-d5	7.363	82	338264	94.422	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	135020	115.177	ng	0.01
45) 2-Fluorobiphenyl	9.163	172	543669	82.681	ng	0.01
79) Terphenyl-d14	12.904	244	465583	81.015	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.469	94	201298	57.284	ng	91
15) Benzyl Alcohol	6.975	79	17841	6.086	ng	# 46
17) 2-Methylphenol	7.080	107	329106	150.405	ng	91
18) Hexachloroethane	7.322	117	3543	2.850	ng	# 1
20) 3+4-Methylphenols	7.257	107	640802	221.019	ng	# 70
22) Acetophenone	7.204	105	48732	12.031	ng	92
24) Nitrobenzene	7.345	77	25600	7.123	ng	# 1
25) Isophorone	7.451	82	22288	3.452	ng	# 1
27) 2,4-Dimethylphenol	7.769	122	592169	261.583	ng	93
28) bis(2-Chloroethoxy)met...	7.769	93	42216	13.191	ng	# 1
31) Naphthalene	8.098	128	88359	10.401	ng	98
32) Benzoic acid	7.910	122	449352	323.485	ng	# 22
36) 4-Chloro-3-methylphenol	8.657	107	7767	2.710	ng	# 28
37) 2-Methylnaphthalene	8.792	142	28132	4.722	ng	99
38) 1-Methylnaphthalene	8.886	142	19547	3.511	ng	97
46) 1,1'-Biphenyl	9.033	154	1262110	180.692	ng	# 43
48) 2-Nitroaniline	9.439	65	33204	16.183	ng	# 35
50) Dimethylphthalate	9.569	163	43471	6.350	ng	# 56
53) 3-Nitroaniline	9.792	138	18273	12.438	ng	# 8
54) 2,4-Dinitrophenol	9.927	184	7861	12.877	ng	# 1
56) 4-Nitrophenol	9.986	139	4427	4.217	ng	# 1
77) Benzidine	12.686	184	837	4.477	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.939	149	15607	4.269	ng	# 85

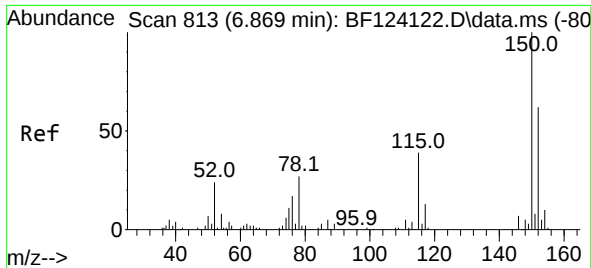
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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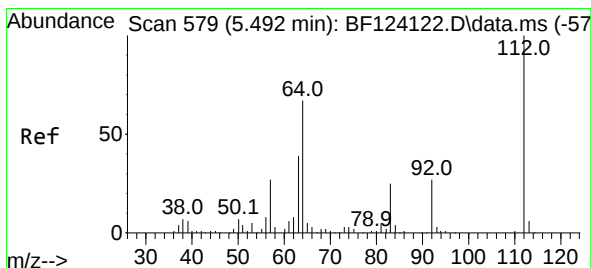
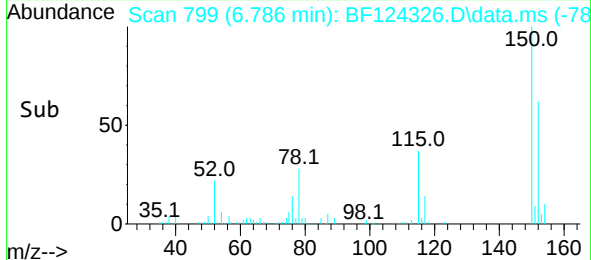
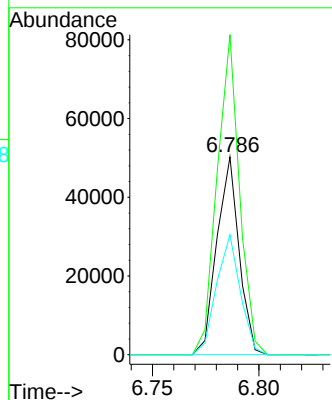
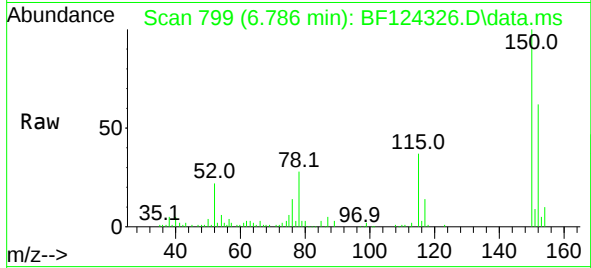




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

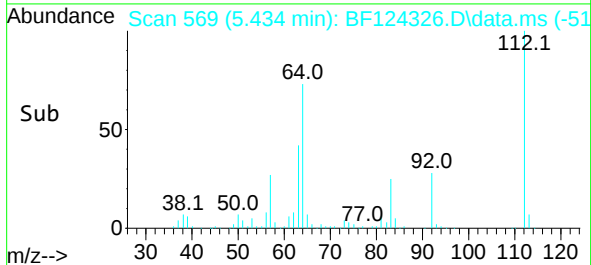
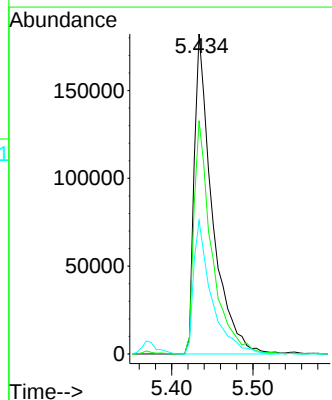
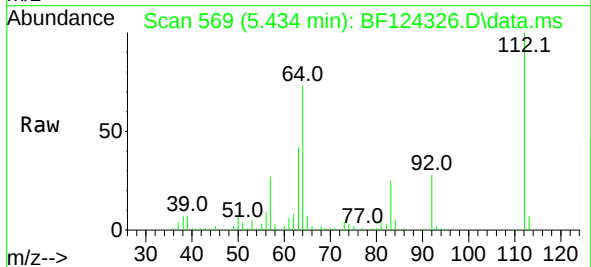
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

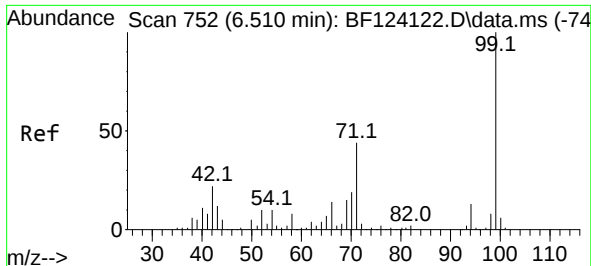
Tgt Ion:152 Resp: 36415
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 116.536 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:112 Resp: 281906
Ion Ratio Lower Upper
112 100
64 72.9 61.4 92.0
63 41.7 33.0 49.4

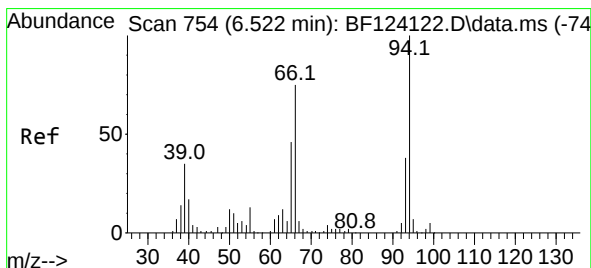
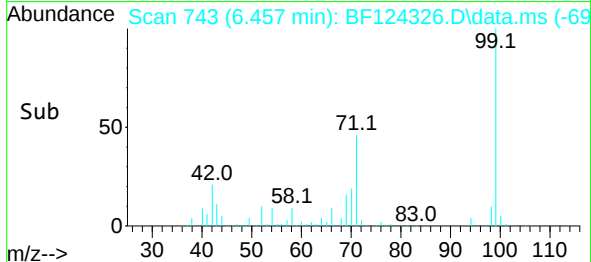
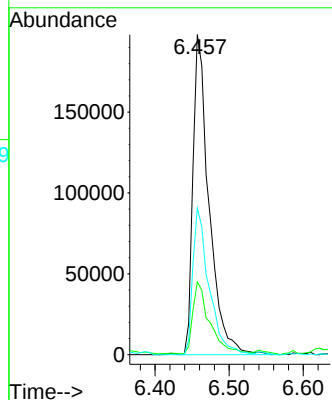
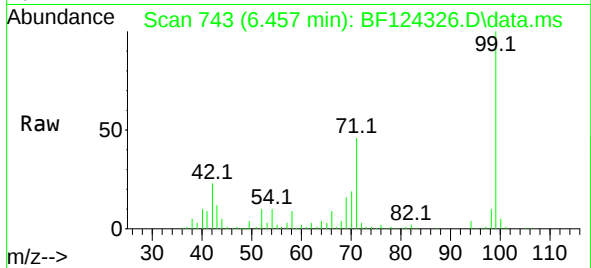




#7
Phenol-d6
Concen: 91.772 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

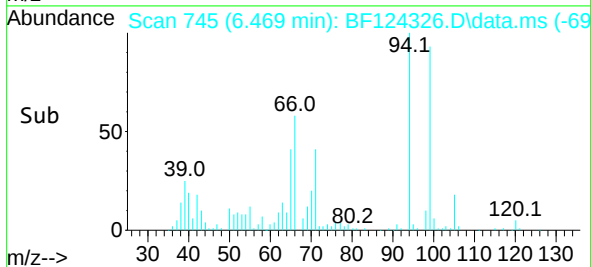
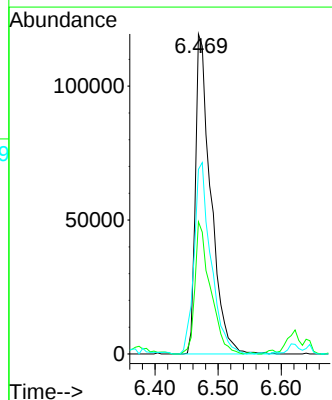
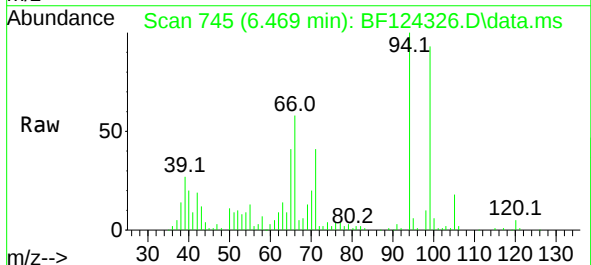
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

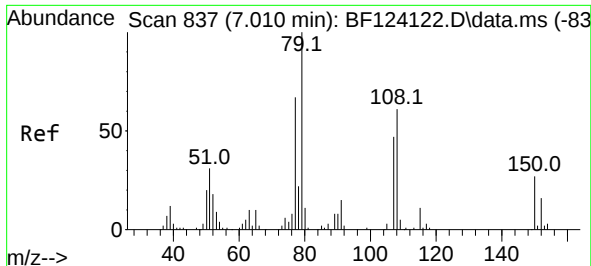
Tgt Ion: 99 Resp: 298404
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 45.8 31.1 46.7



#10
Phenol
Concen: 57.284 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion: 94 Resp: 201298
Ion Ratio Lower Upper
94 100
65 41.3 18.1 58.1
66 57.7 29.0 69.0





#15

Benzyl Alcohol

Concen: 6.086 ng

RT: 6.975 min Scan# 831

Delta R.T. 0.035 min

Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

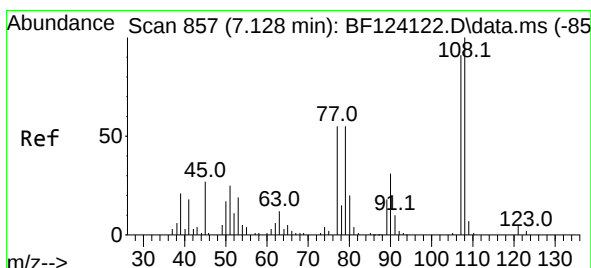
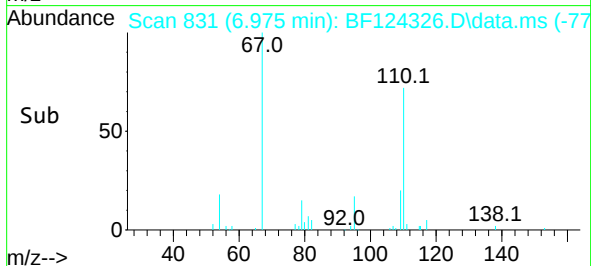
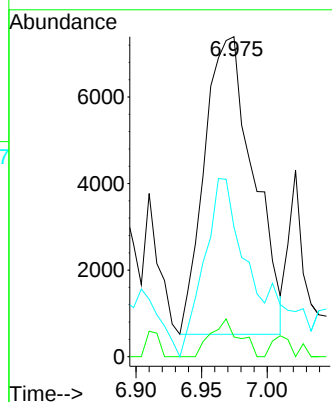
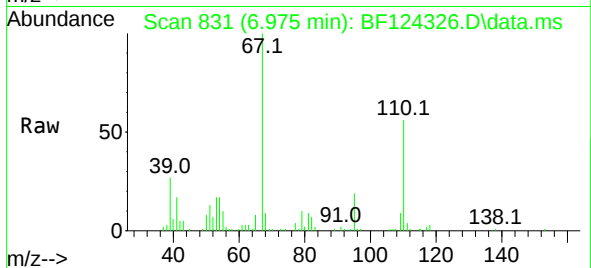
Tgt Ion:	79	Resp:	17841
Ion Ratio	Lower	Upper	
79	100		
108	6.2	55.8	83.8#
77	40.5	49.9	74.9#

Instrument :

BNA_F

ClientSampleId :

TMR-DS-05-060921



#17

2-Methylphenol

Concen: 150.405 ng

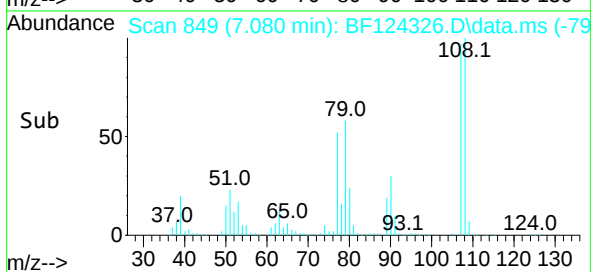
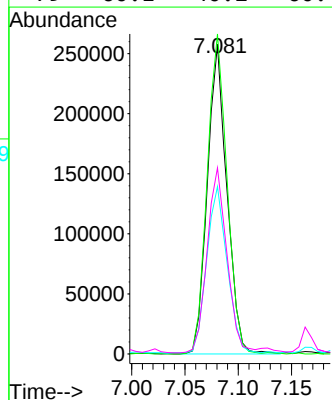
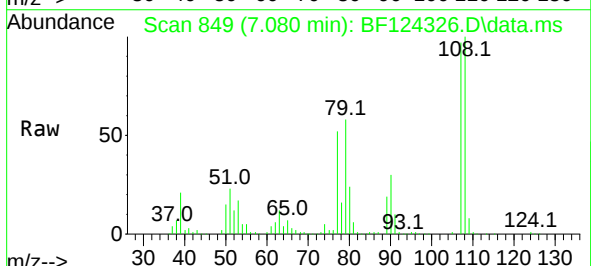
RT: 7.080 min Scan# 849

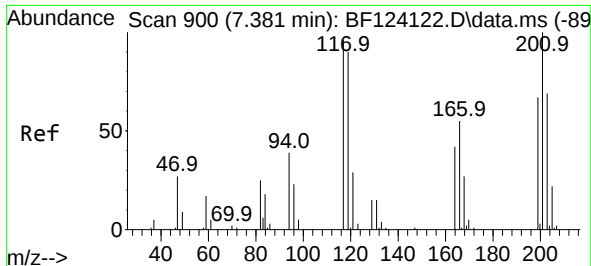
Delta R.T. 0.018 min

Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

Tgt Ion:	107	Resp:	329106
Ion Ratio	Lower	Upper	
107	100		
108	103.4	89.8	134.8
77	54.1	40.9	61.3
79	60.1	40.2	60.4

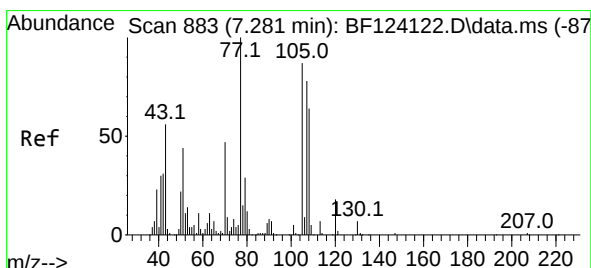
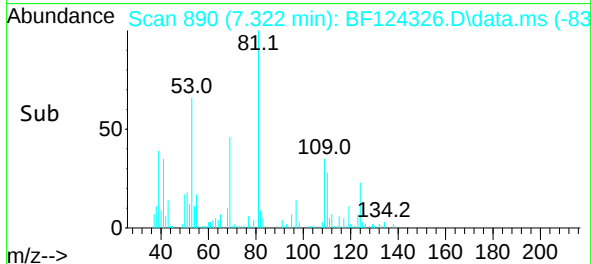
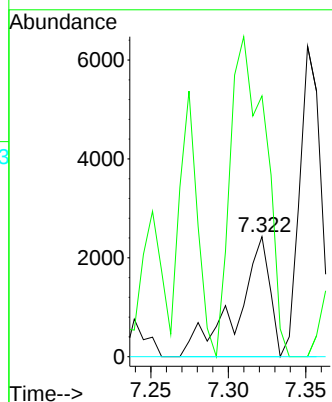
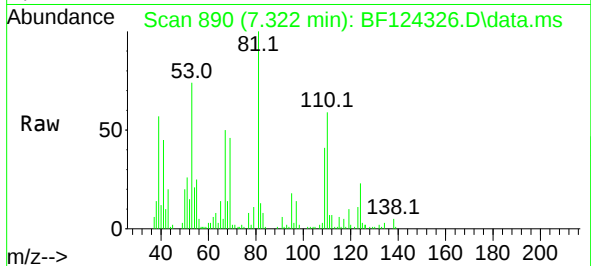




#18
Hexachloroethane
Concen: 2.850 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.023 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

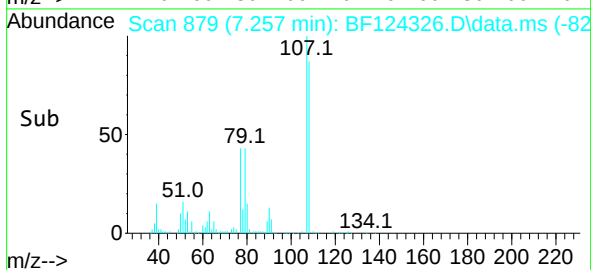
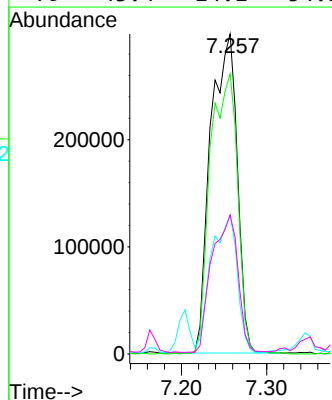
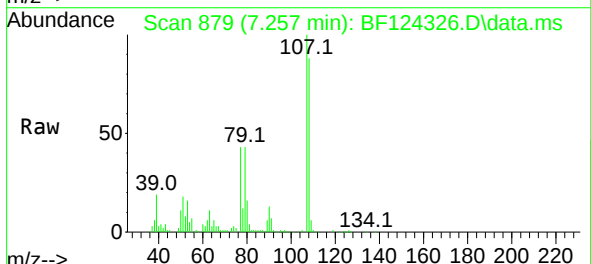
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BNA_F
ClientSampleId :
TMR-DS-05-060921

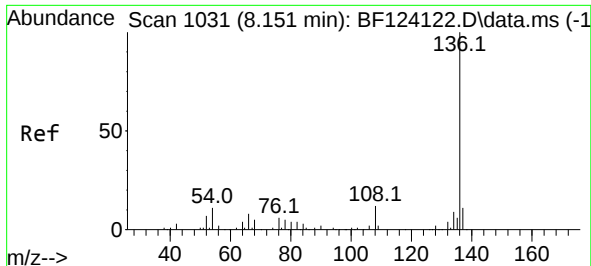
Tgt Ion:117 Resp: 3543
Ion Ratio Lower Upper
117 100
119 217.3 77.8 116.8#
201 0.0 67.8 101.8#



#20
3+4-Methylphenols
Concen: 221.019 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.041 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

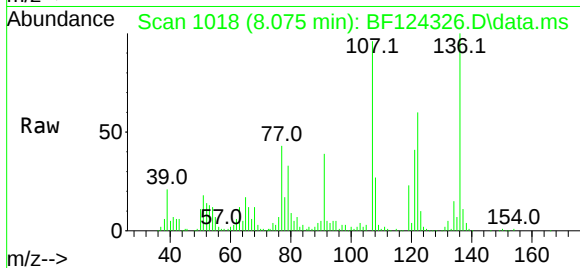
Tgt Ion:107 Resp: 640802
Ion Ratio Lower Upper
107 100
108 87.5 71.5 111.5
77 43.4 82.0 122.0#
79 43.4 14.1 54.1



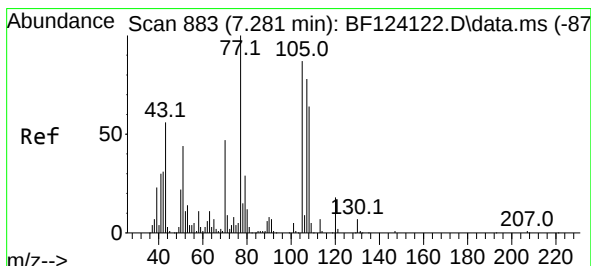
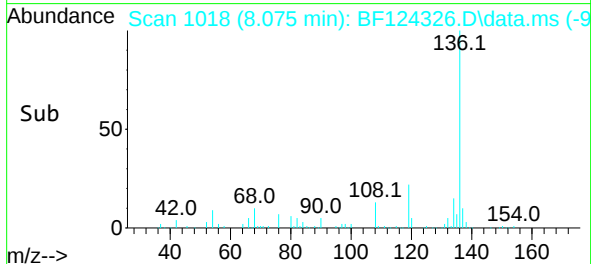
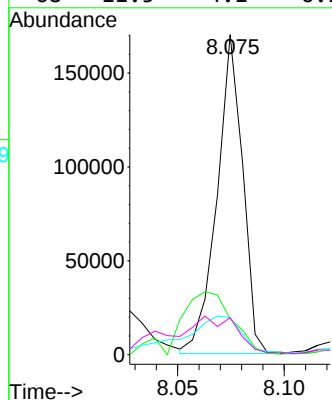


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

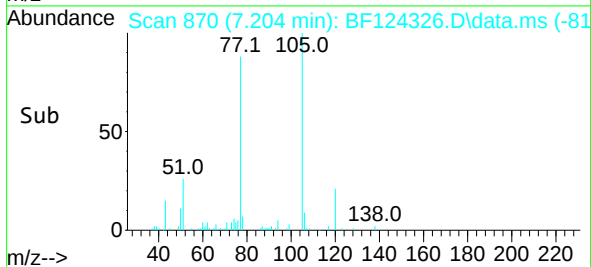
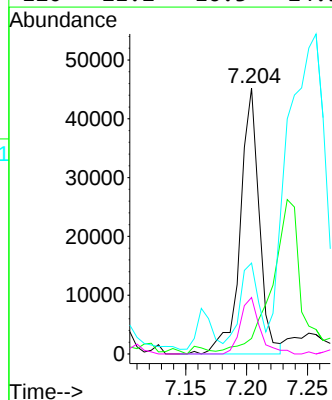
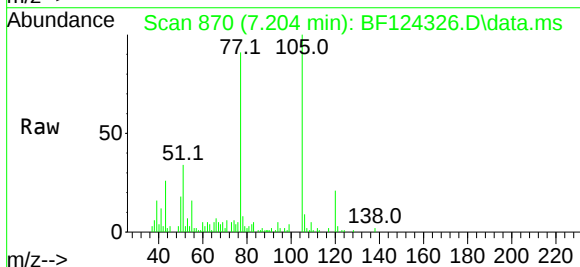


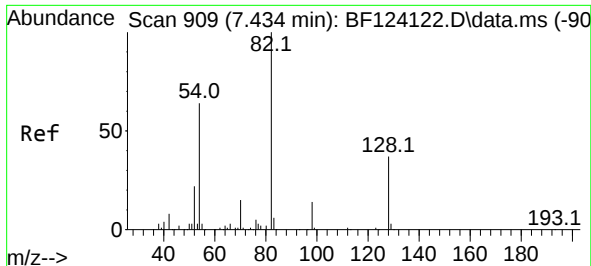
Tgt Ion:136 Resp: 142085
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 11.5 9.8 14.6
68 11.5 4.1 6.1#



#22
Acetophenone
Concen: 12.031 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:105 Resp: 48732
Ion Ratio Lower Upper
105 100
71 5.8 4.2 6.4
51 34.2 33.6 50.4
120 21.2 16.3 24.5





#23

Nitrobenzene-d5

Concen: 94.422 ng

RT: 7.363 min Scan# 897

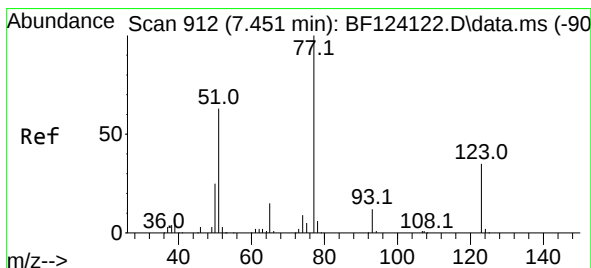
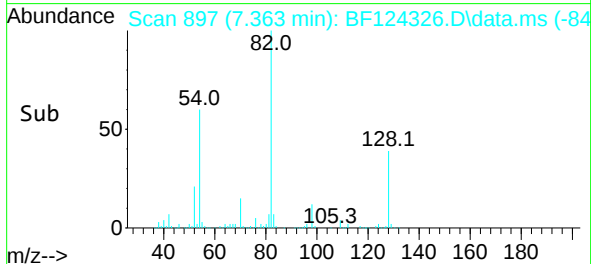
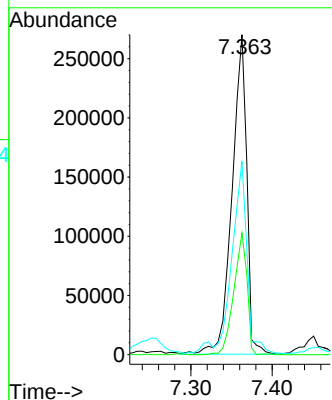
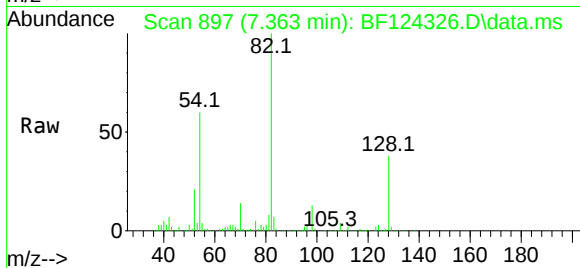
Delta R.T. 0.006 min

Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

Tgt Ion: 82 Resp: 338264

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	60.4	54.1	81.1



#24

Nitrobenzene

Concen: 7.123 ng

RT: 7.345 min Scan# 894

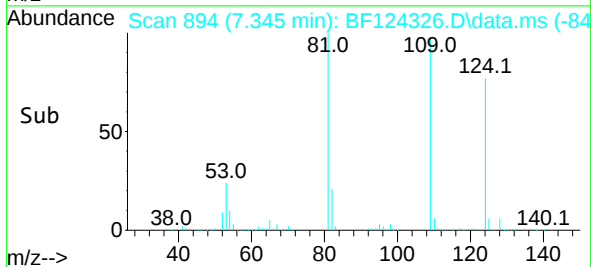
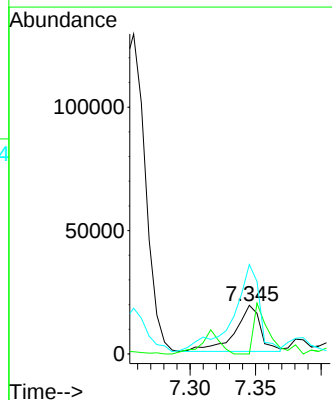
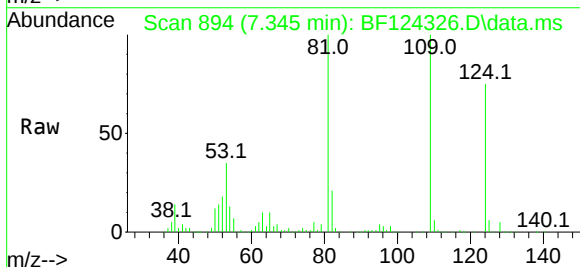
Delta R.T. -0.035 min

Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

Tgt Ion: 77 Resp: 25600

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.5	51.7#
65	184.0	12.2	18.2#

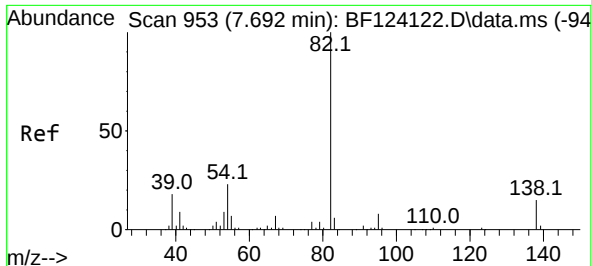


Instrument :

BNA_F

ClientSampleId :

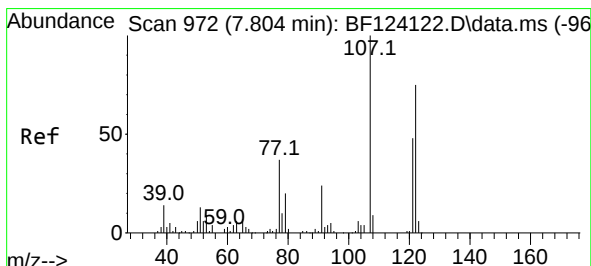
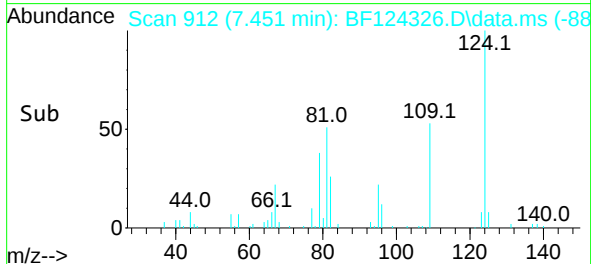
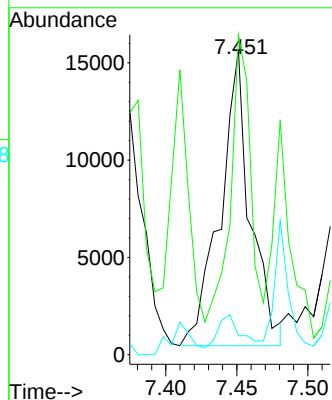
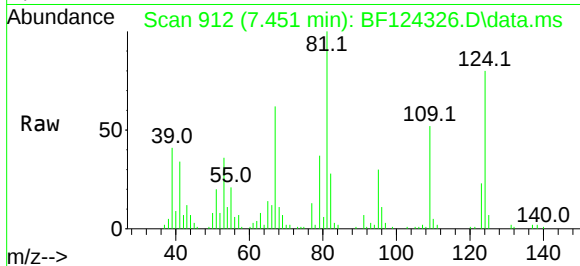
TMR-DS-05-060921



#25
Isophorone
Concen: 3.452 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.165 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

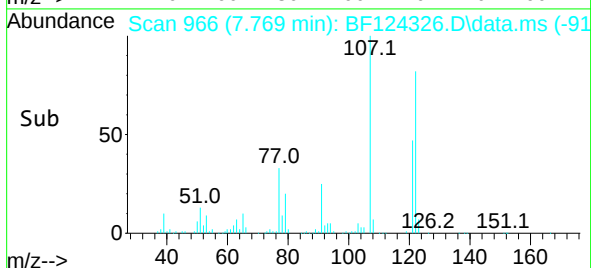
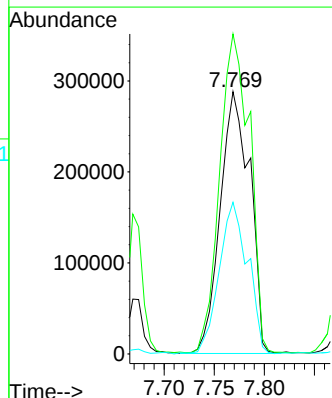
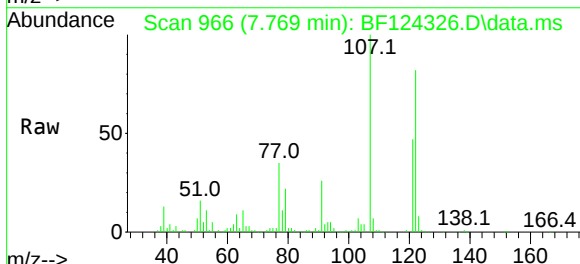
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

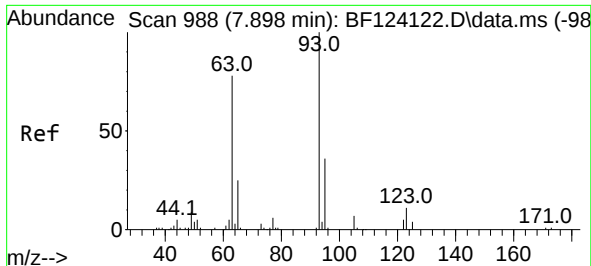
Tgt Ion: 82 Resp: 22288
Ion Ratio Lower Upper
82 100
95 105.0 5.8 8.6#
138 6.2 11.8 17.8#



#27
2,4-Dimethylphenol
Concen: 261.583 ng
RT: 7.769 min Scan# 966
Delta R.T. 0.029 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:122 Resp: 592169
Ion Ratio Lower Upper
122 100
107 122.0 106.3 159.5
121 57.8 45.4 68.0



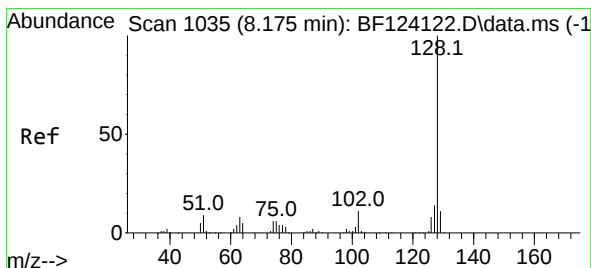
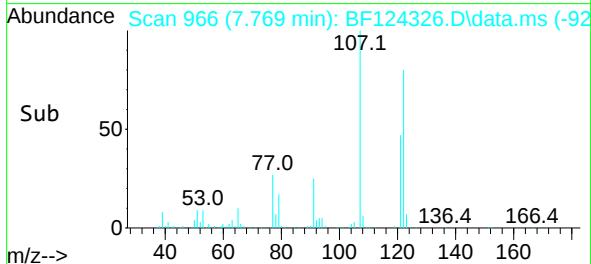
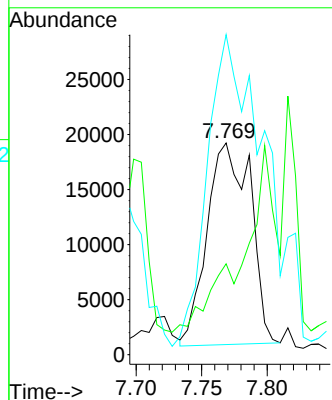
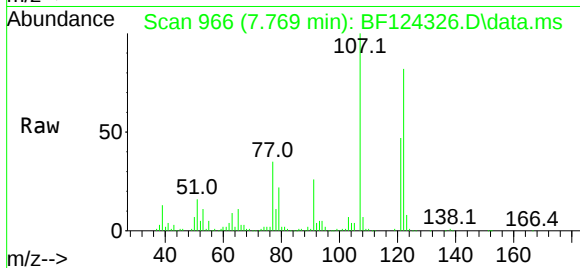


#28

bis(2-Chloroethoxy)methane
Concen: 13.191 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.053 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

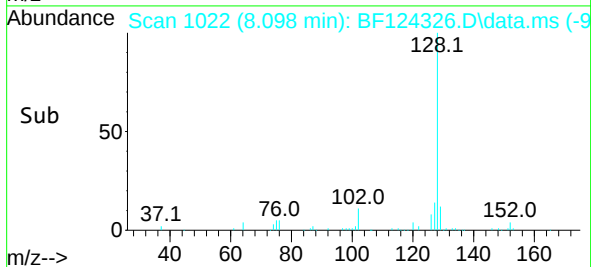
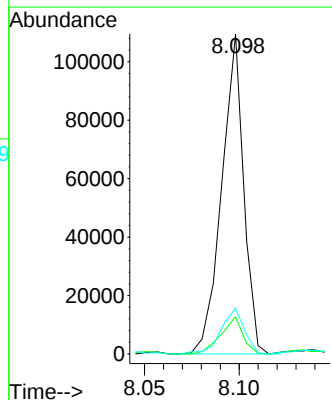
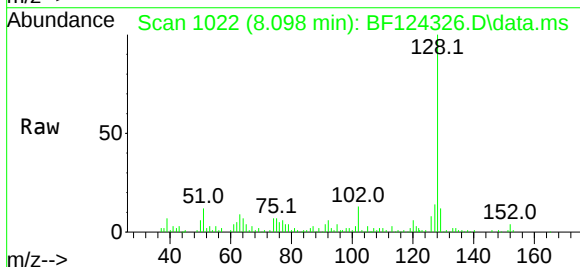
Tgt Ion: 93 Resp: 42216
Ion Ratio Lower Upper
93 100
95 42.9 26.5 39.7#
123 151.2 8.4 12.6#

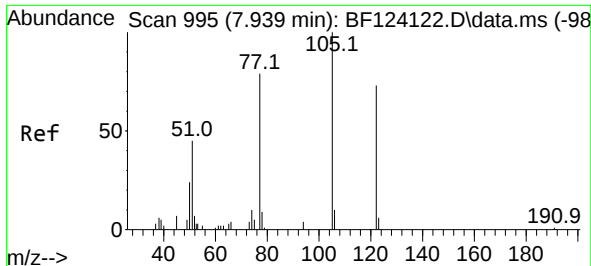


#31

Naphthalene
Concen: 10.401 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:128 Resp: 88359
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 14.3 10.8 16.2





#32

Benzoic acid

Concen: 323.485 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.029 min

Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

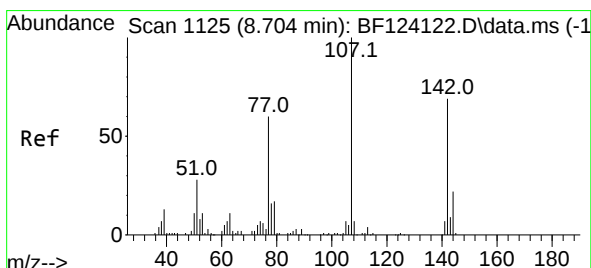
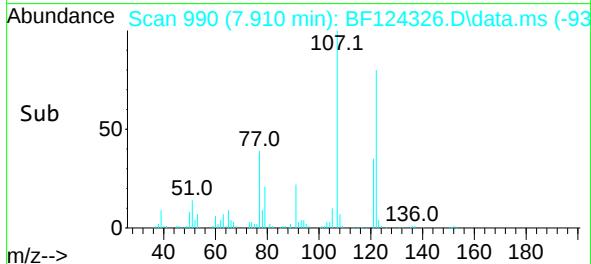
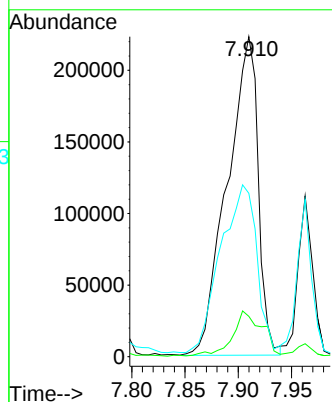
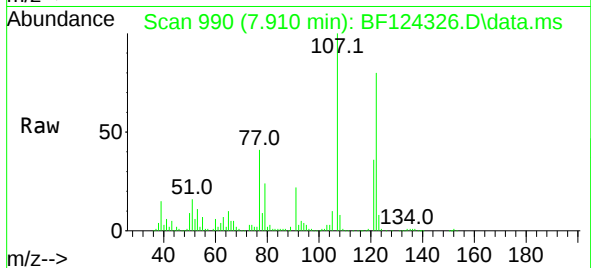
Instrument :

BNA_F

ClientSampleId :

TMR-DS-05-060921

Tgt Ion:122 Resp: 449352
 Ion Ratio Lower Upper
 122 100
 105 12.6 107.8 147.8#
 77 51.1 81.6 121.6#



#36

4-Chloro-3-methylphenol

Concen: 2.710 ng

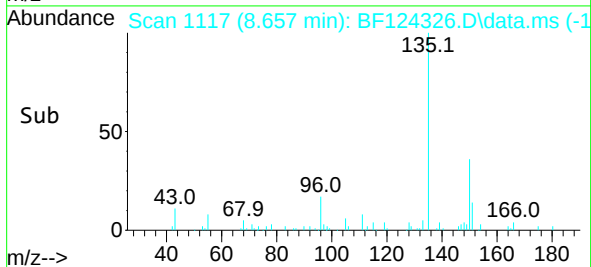
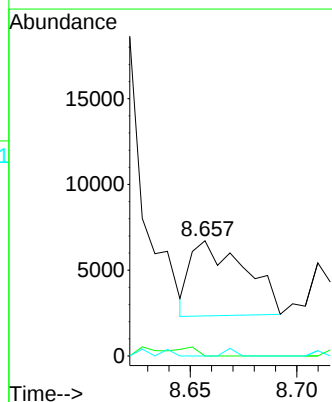
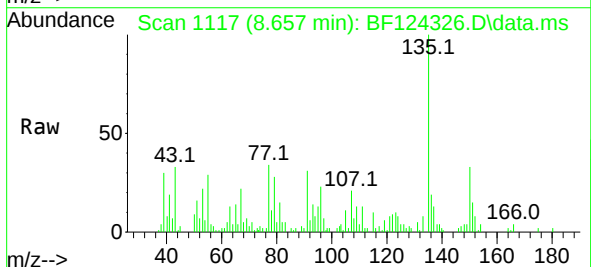
RT: 8.657 min Scan# 1117

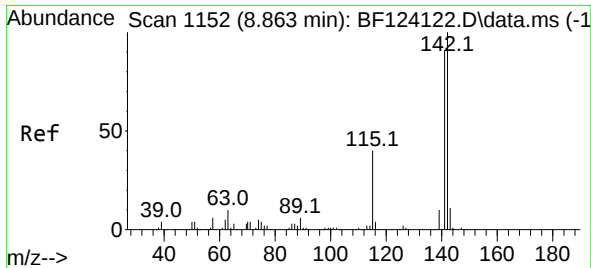
Delta R.T. 0.006 min

Lab File: BF124326.D

Acq: 15 Jun 2021 16:57

Tgt Ion:107 Resp: 7767
 Ion Ratio Lower Upper
 107 100
 144 0.0 16.3 24.5#
 142 0.0 50.1 75.1#

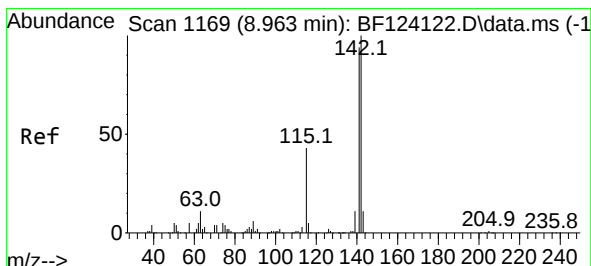
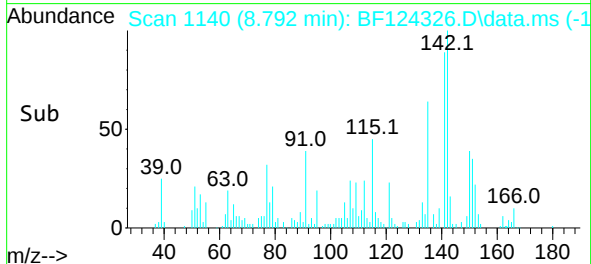
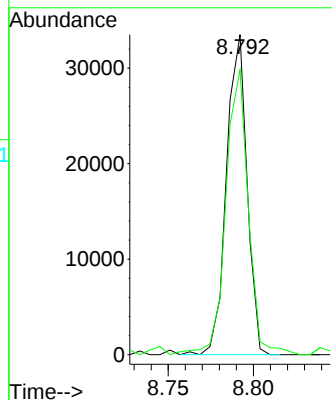
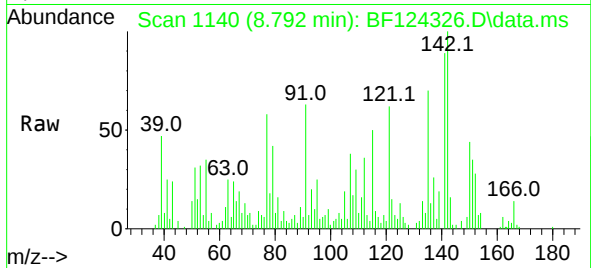




#37
2-Methylnaphthalene
Concen: 4.722 ng
RT: 8.792 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

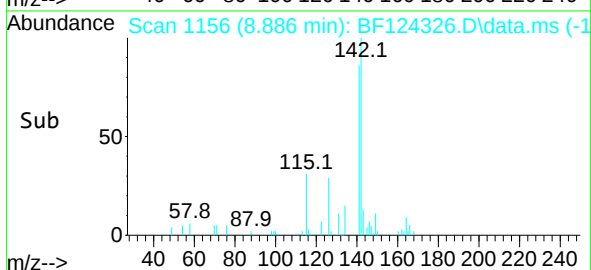
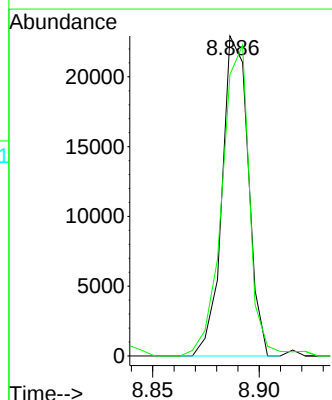
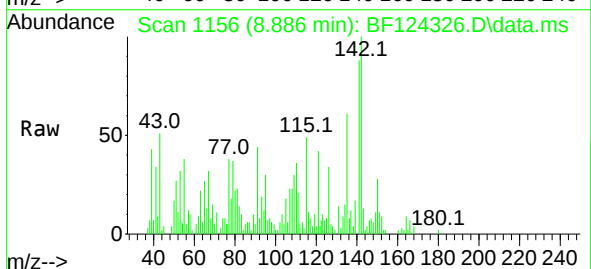
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

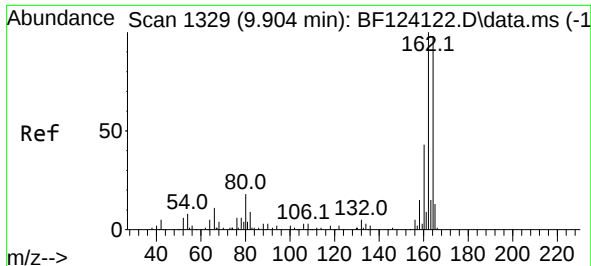
Tgt Ion:142 Resp: 28132
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6



#38
1-Methylnaphthalene
Concen: 3.511 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:142 Resp: 19547
Ion Ratio Lower Upper
142 100
141 87.9 72.8 109.2

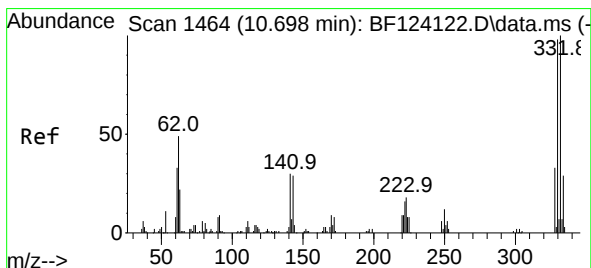
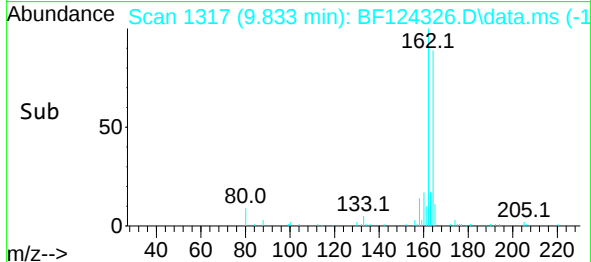
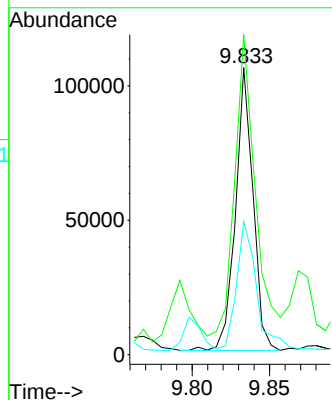
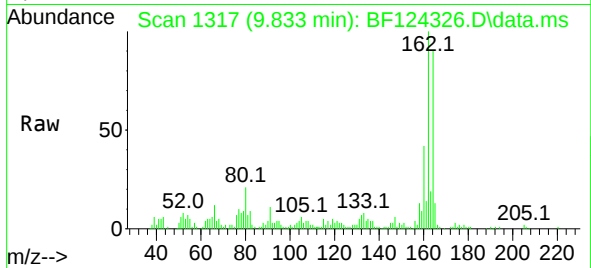




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

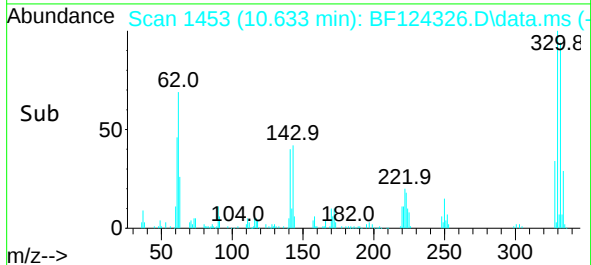
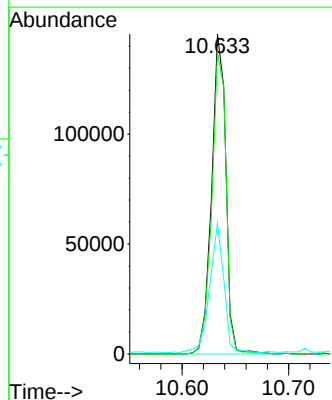
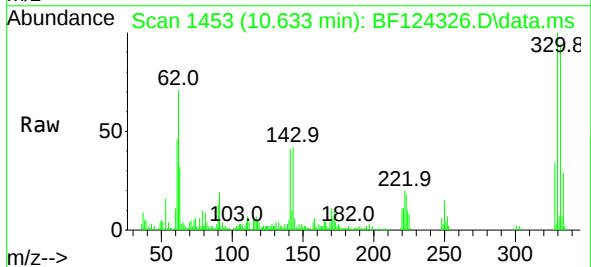
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

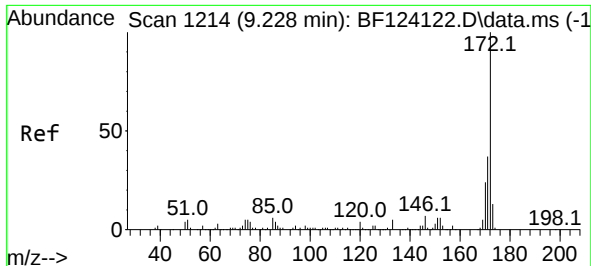
Tgt Ion:164 Resp: 82744
Ion Ratio Lower Upper
164 100
162 111.5 80.7 121.1
160 46.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 115.177 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:330 Resp: 135020
Ion Ratio Lower Upper
330 100
332 94.7 77.1 115.7
141 40.5 27.9 41.9

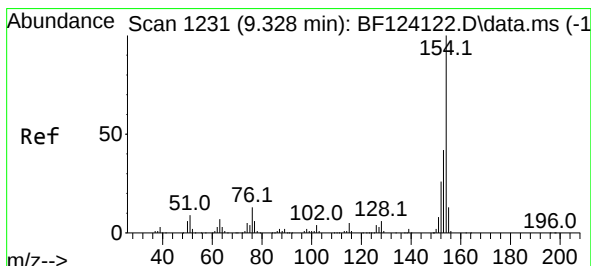
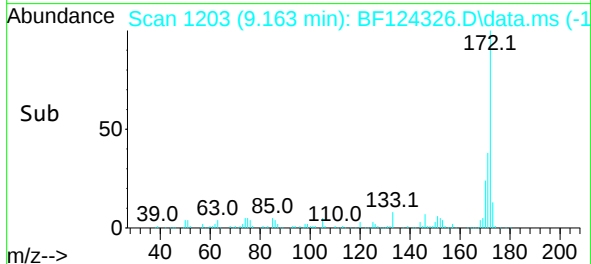
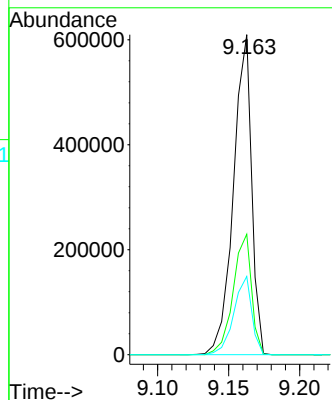
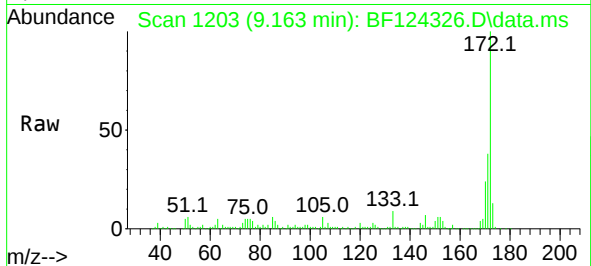




#45
2-Fluorobiphenyl
Concen: 82.681 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

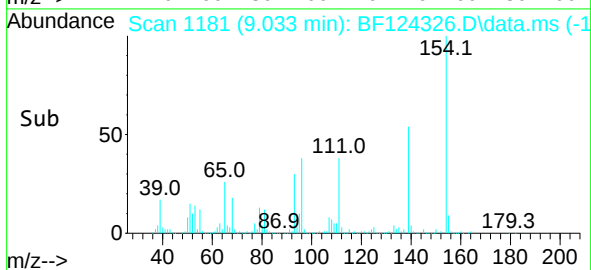
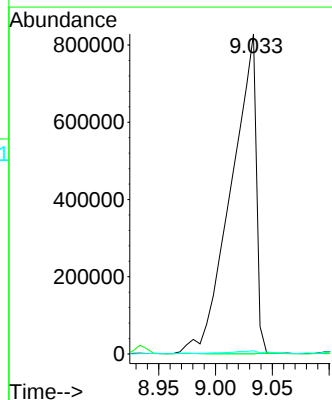
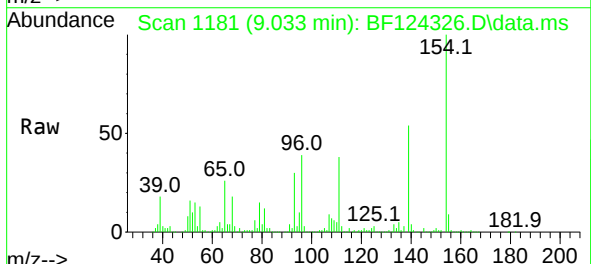
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

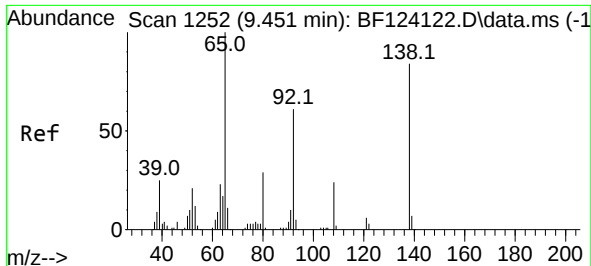
Tgt Ion:172 Resp: 543669
Ion Ratio Lower Upper
172 100
171 37.6 28.1 42.1
170 24.5 19.2 28.8



#46
1,1'-Biphenyl
Concen: 180.692 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.218 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:154 Resp: 1262110
Ion Ratio Lower Upper
154 100
153 0.0 20.7 60.7#
76 1.0 0.0 31.7

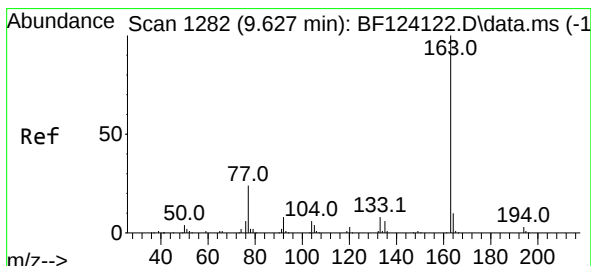
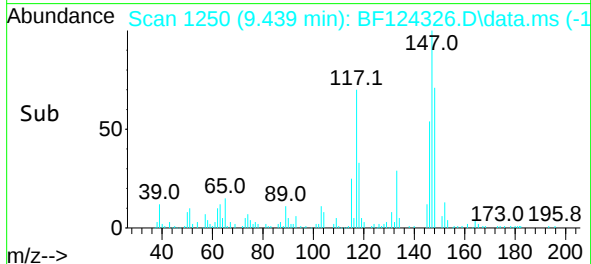
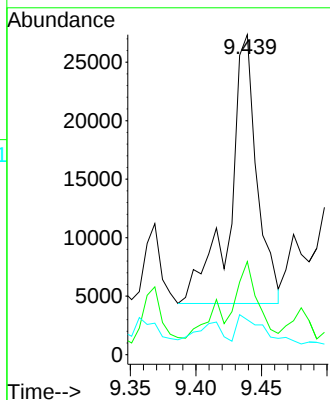
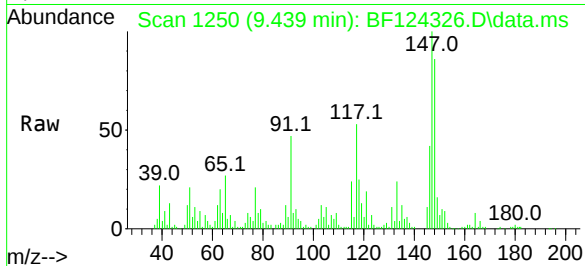




#48
2-Nitroaniline
Concen: 16.183 ng
RT: 9.439 min Scan# 1250
Delta R.T. 0.059 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

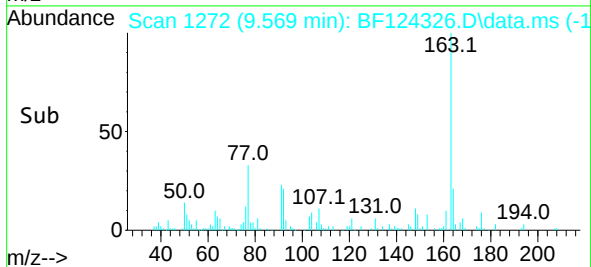
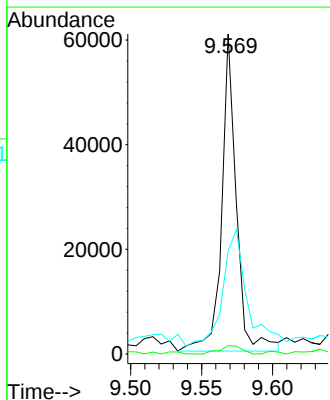
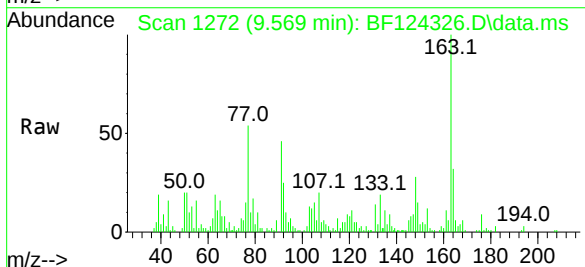
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

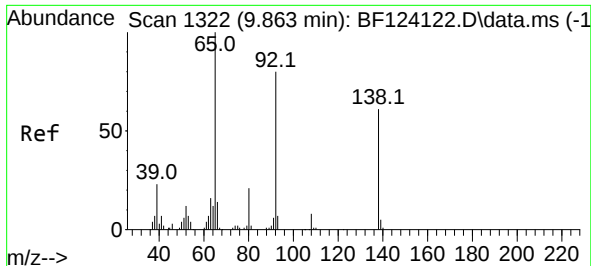
Tgt Ion: 65 Resp: 33204
Ion Ratio Lower Upper
65 100
92 29.1 47.1 70.7#
138 10.9 70.2 105.2#



#50
Dimethylphthalate
Concen: 6.350 ng
RT: 9.569 min Scan# 1272
Delta R.T. 0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:163 Resp: 43471
Ion Ratio Lower Upper
163 100
194 2.6 3.1 4.7#
164 32.1 8.2 12.2#

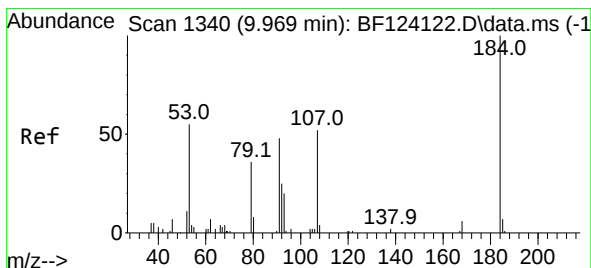
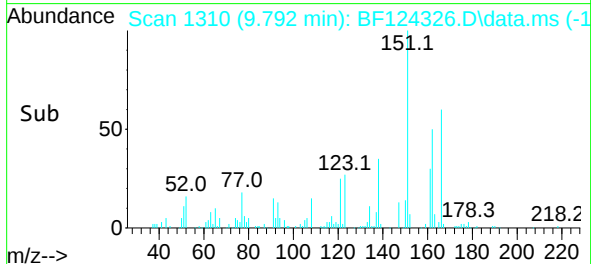
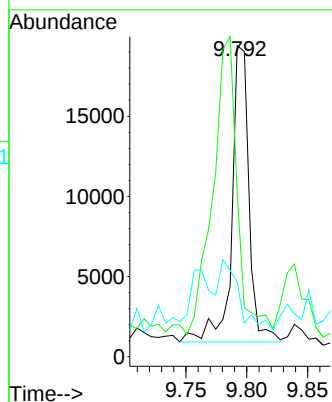
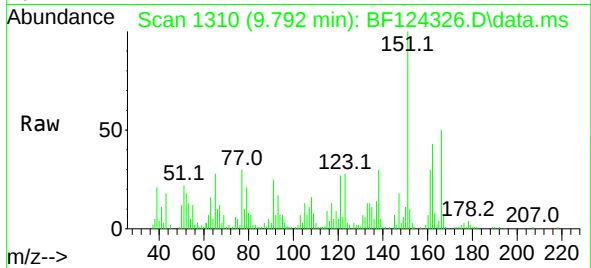




#53
3-Nitroaniline
Concen: 12.438 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

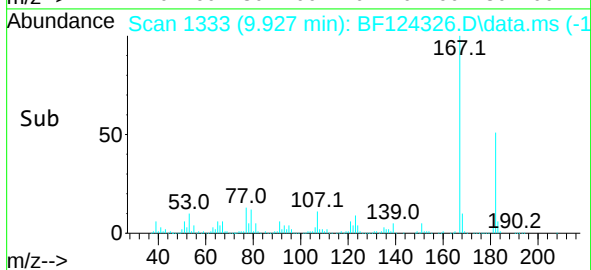
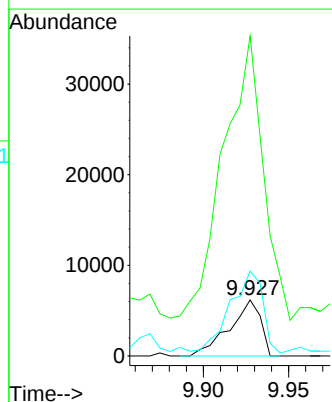
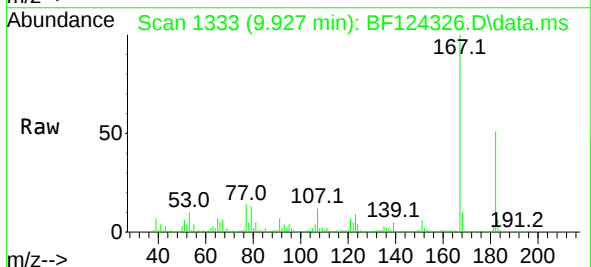
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

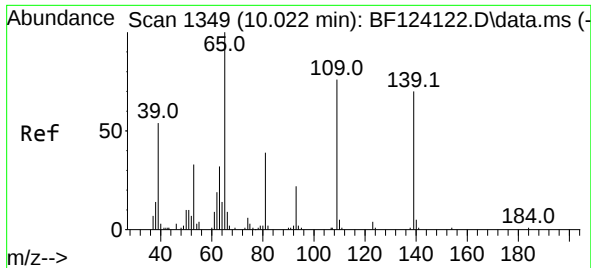
Tgt Ion:138 Resp: 18273
Ion Ratio Lower Upper
138 100
108 52.8 10.2 15.4#
92 24.0 103.3 154.9#



#54
2,4-Dinitrophenol
Concen: 12.877 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.018 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:184 Resp: 7861
Ion Ratio Lower Upper
184 100
63 571.6 73.5 110.3#
154 151.6 52.5 78.7#

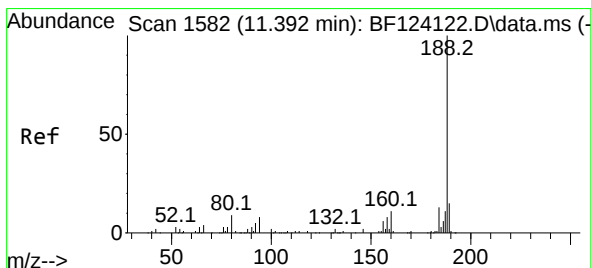
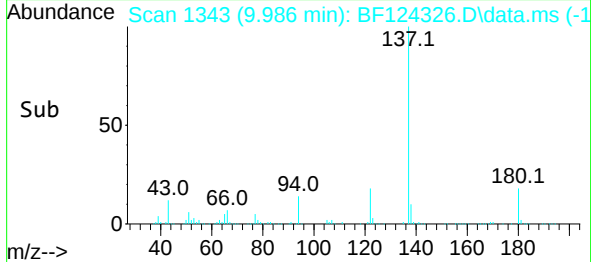
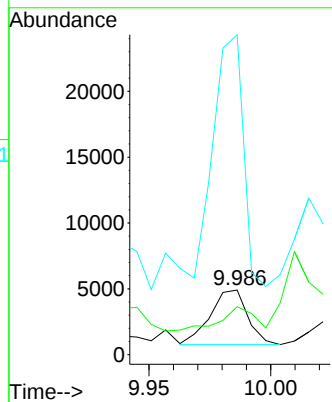
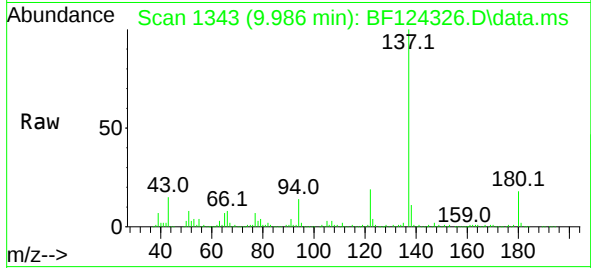




#56
4-Nitrophenol
Concen: 4.217 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

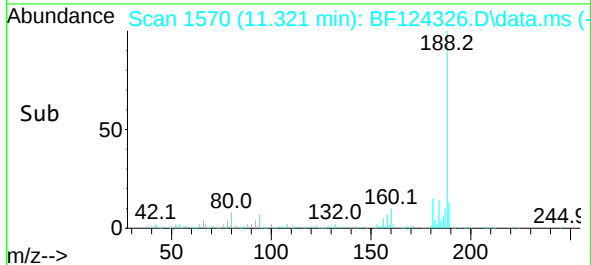
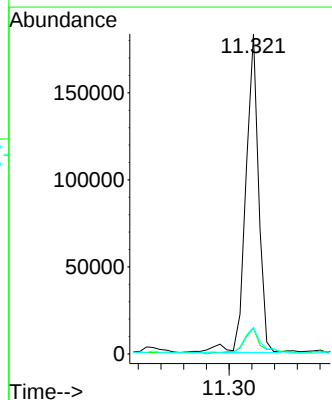
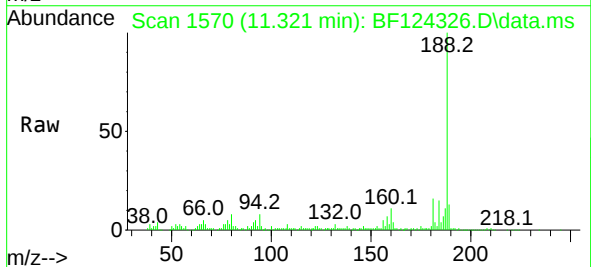
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

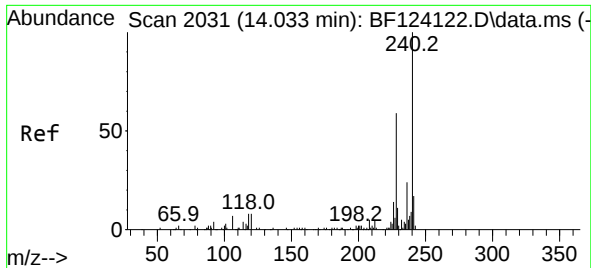
Tgt Ion:139 Resp: 4427
Ion Ratio Lower Upper
139 100
109 74.2 63.2 103.2
65 494.5 110.0 150.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:188 Resp: 143236
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.3 8.2 12.2

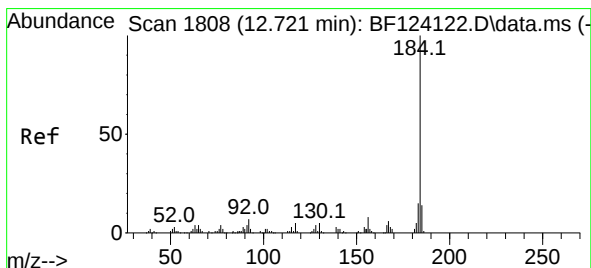
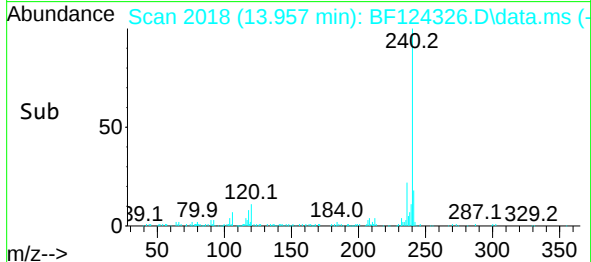
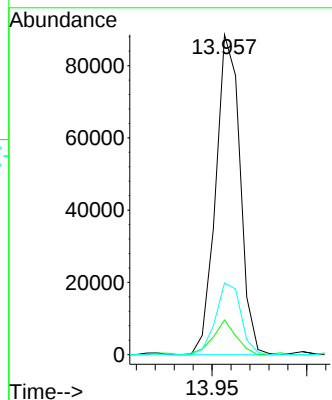
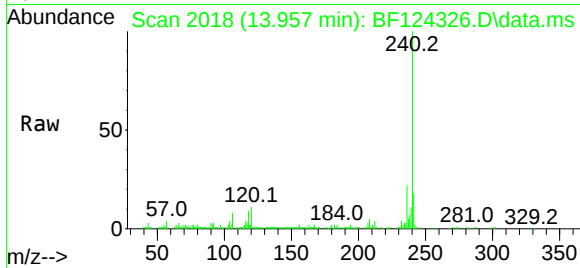




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

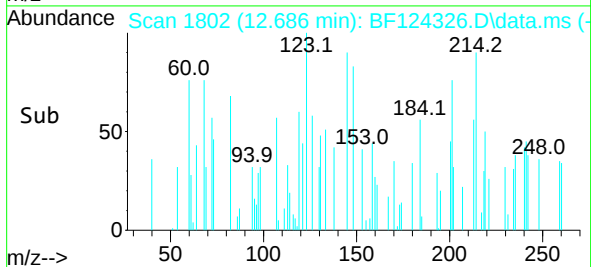
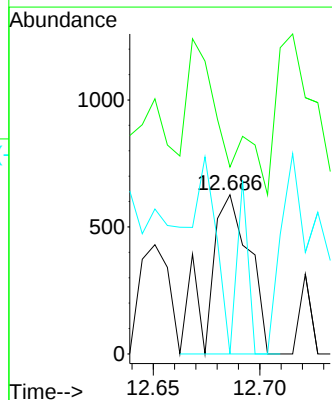
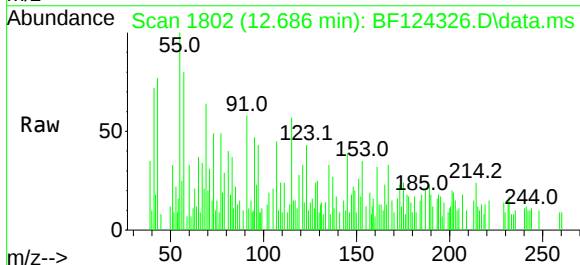
Instrument :
BNA_F
ClientSampleId :
TMR-DS-05-060921

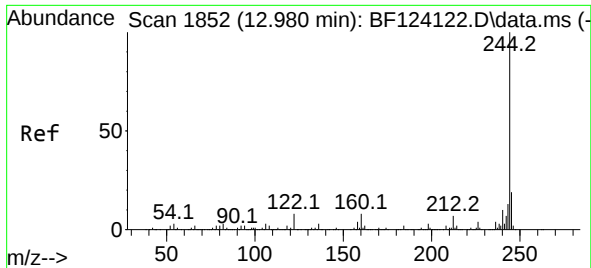
Tgt Ion:240 Resp: 78902
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 22.4 19.0 28.4



#77
Benzidine
Concen: 4.477 ng
RT: 12.686 min Scan# 1802
Delta R.T. -0.012 min
Lab File: BF124326.D
Acq: 15 Jun 2021 16:57

Tgt Ion:184 Resp: 837
Ion Ratio Lower Upper
184 100
185 117.4 12.1 18.1#
183 0.0 7.8 11.8#

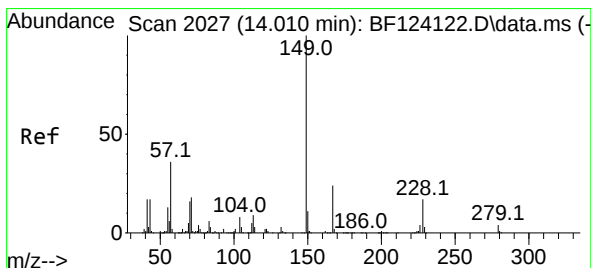
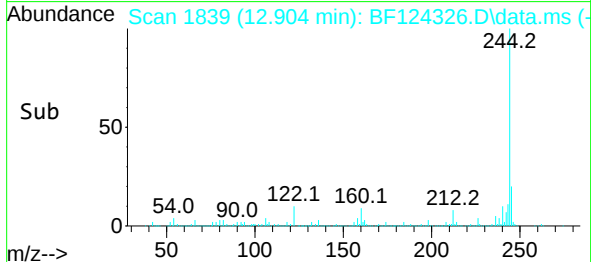
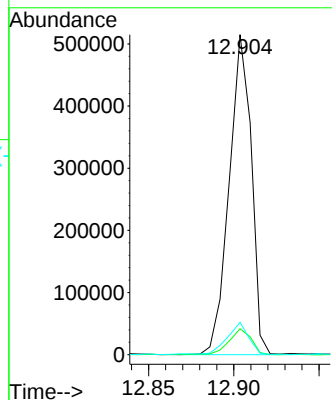
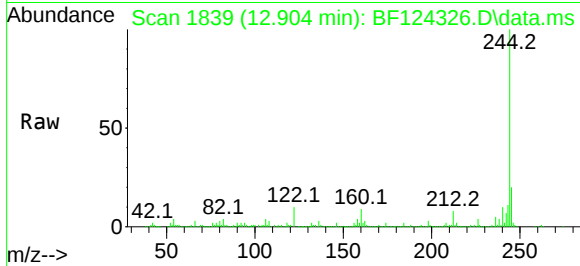




#79
 Terphenyl-d14
 Concen: 81.015 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF124326.D
 Acq: 15 Jun 2021 16:57

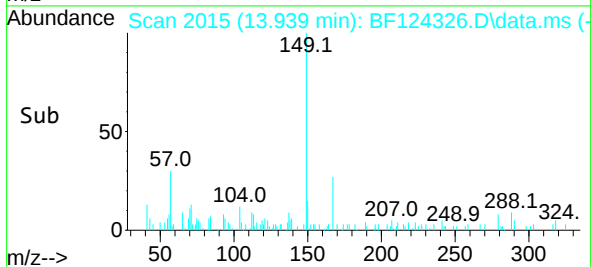
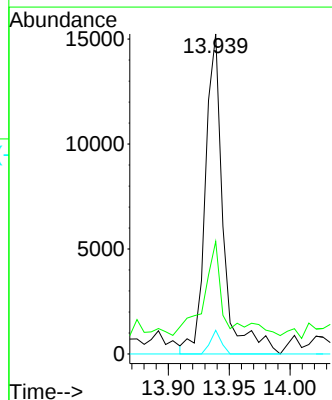
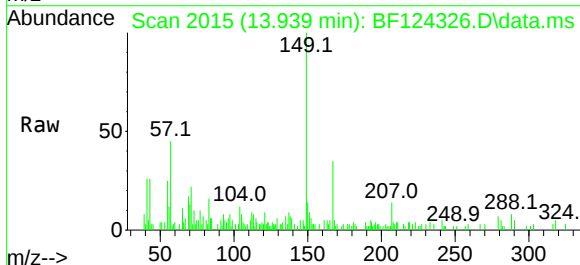
Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-05-060921

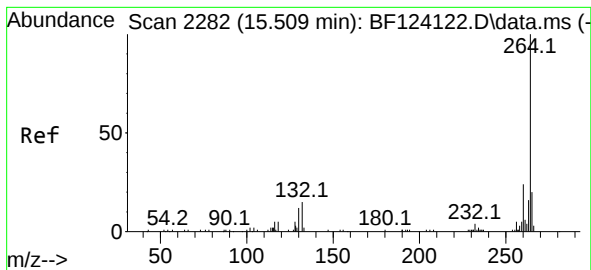
Tgt Ion:244 Resp: 465583
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 10.1 9.7 14.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.269 ng
 RT: 13.939 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: BF124326.D
 Acq: 15 Jun 2021 16:57

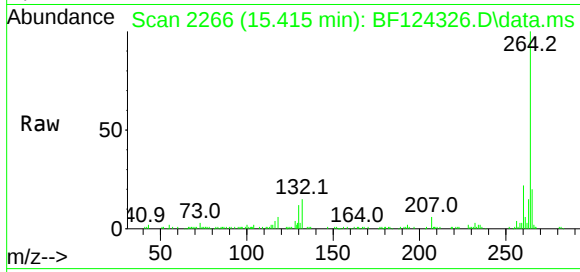
Tgt Ion:149 Resp: 15607
 Ion Ratio Lower Upper
 149 100
 167 35.2 21.8 32.6#
 279 7.4 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: BF124326.D
 Acq: 15 Jun 2021 16:57

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-05-060921



Tgt Ion:264 Resp: 86683
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.7 28.1
 265 20.2 17.8 26.8

