

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124652.D
 Acq On : 21 Jul 2021 4:46
 Operator : JU/CG
 Sample : M3089-12 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R99997-(A-D)-(0-3)

Quant Time: Jul 21 05:17:35 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)

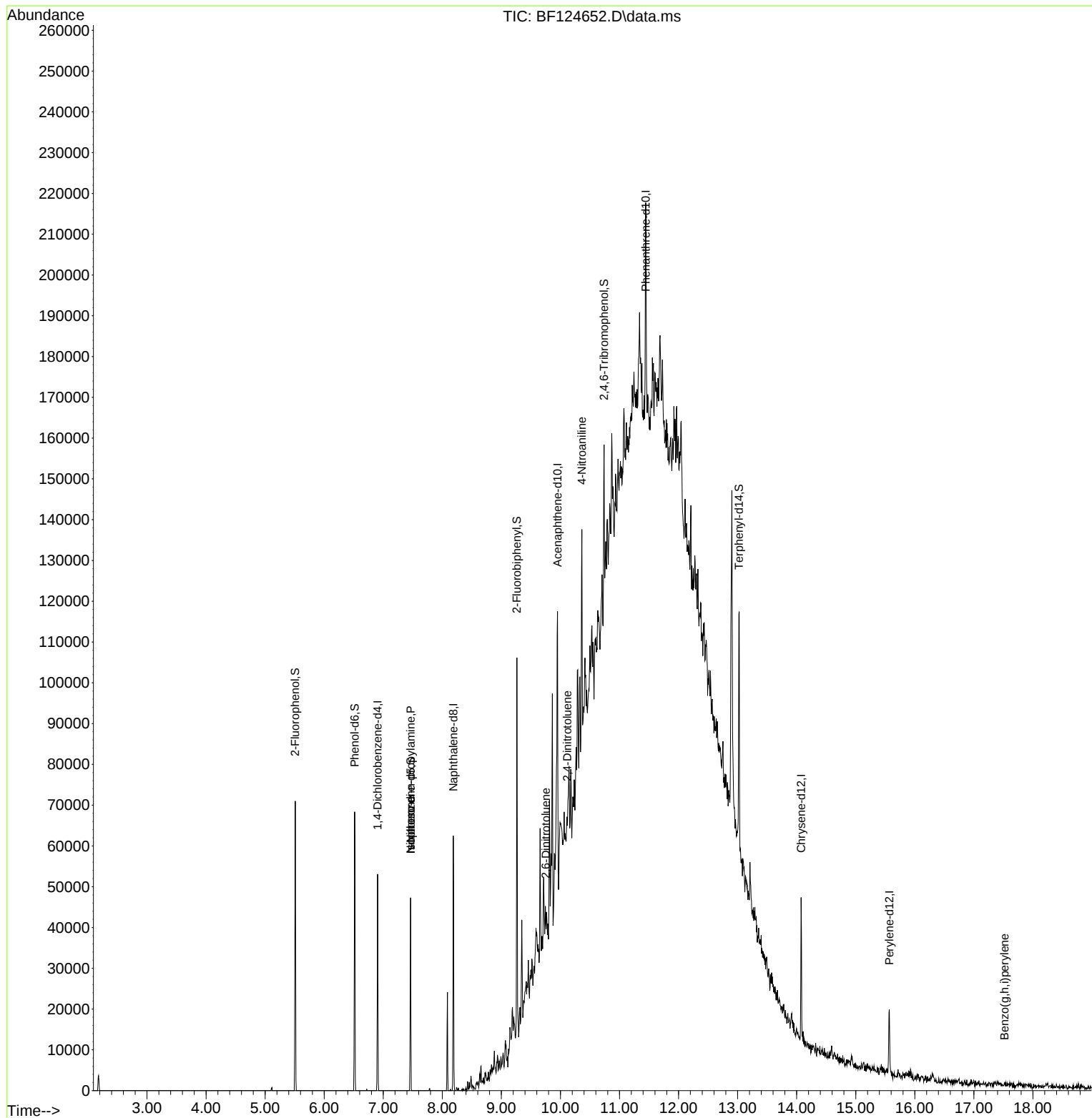
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7159	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	25527	20.00	ng	#-0.02
39) Acenaphthene-d10	9.951	164	11619	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	15833	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	11556	20.00	ng	-0.01
86) Perylene-d12	15.568	264	8373	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	18176	43.99	ng	-0.02
7) Phenol-d6	6.516	99	19870	39.53	ng	-0.03
23) Nitrobenzene-d5	7.463	82	12005	29.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.739	330	3060	33.84	ng	-0.01
45) 2-Fluorobiphenyl	9.263	172	22115	27.76	ng	-0.02
79) Terphenyl-d14	13.021	244	17837	25.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	1519	5.37	ng	# 79
25) Isophorone	7.463	82	12004	16.17	ng	# 59
51) 2,6-Dinitrotoluene	9.751	165	384	2.41	ng	# 26
57) 2,4-Dinitrotoluene	10.116	165	693	3.18	ng	# 18
62) 4-Nitroaniline	10.363	138	1160	6.47	ng	# 87
92) Benzo(g,h,i)perylene	17.521	276	862	2.14	ng	# 47

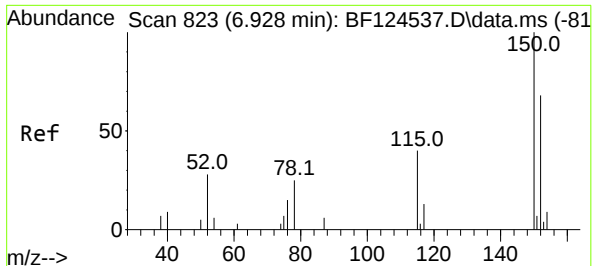
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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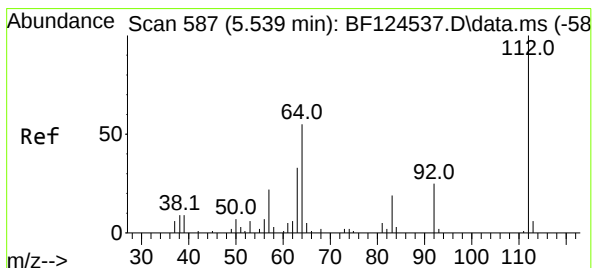
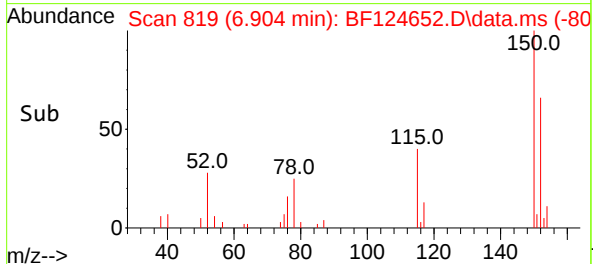
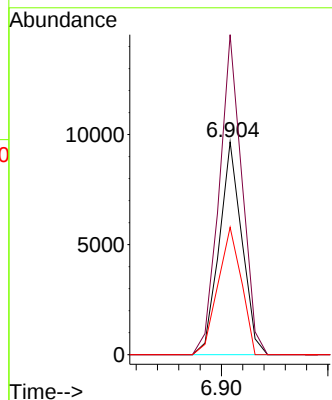
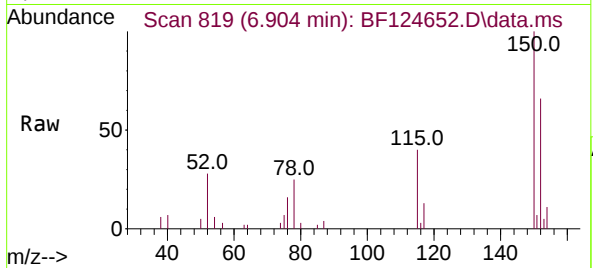




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

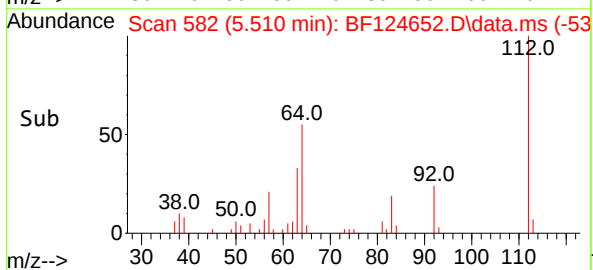
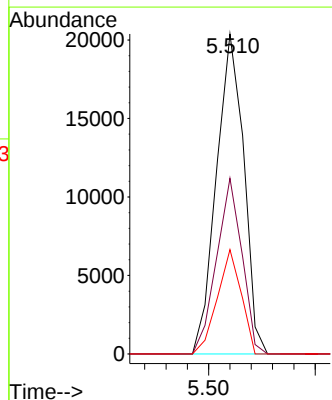
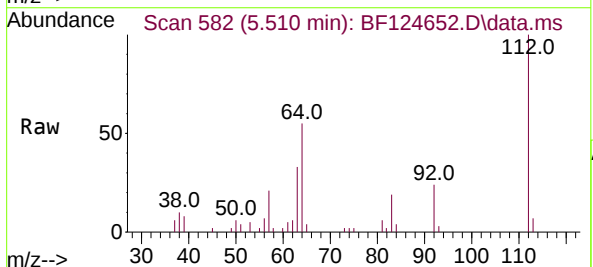
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

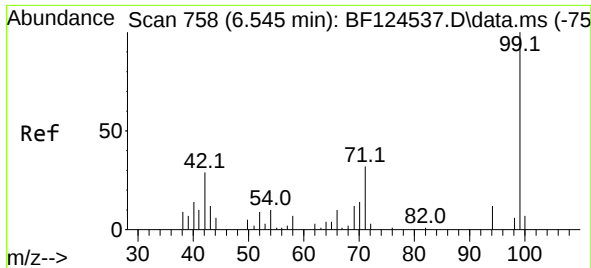
Tgt Ion:152 Resp: 7159
Ion Ratio Lower Upper
152 100
150 150.4 117.6 176.4
115 59.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.99 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.024 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion:112 Resp: 18176
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.2
63 32.6 26.2 39.2

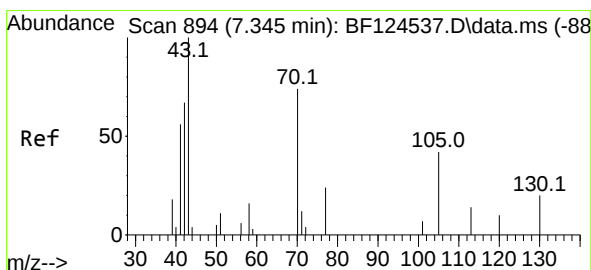
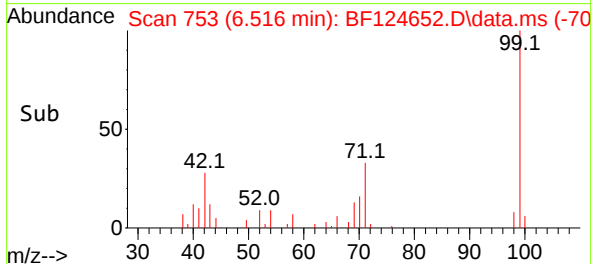
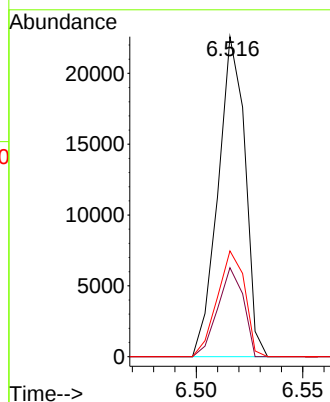
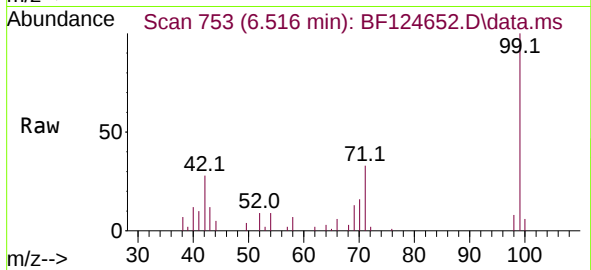




#7
Phenol-d6
Concen: 39.53 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

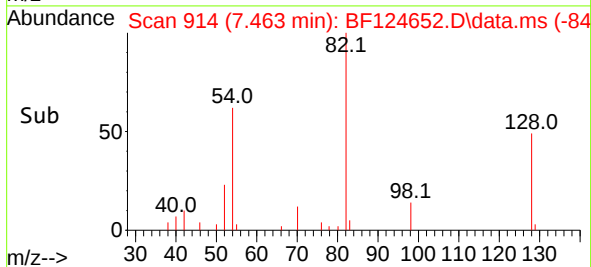
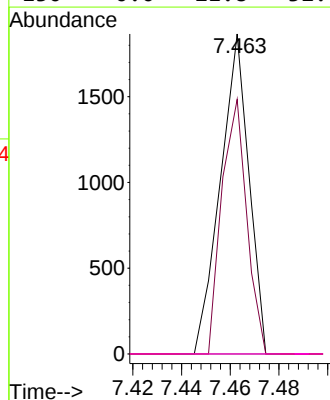
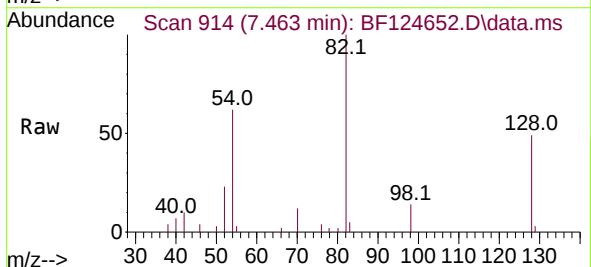
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

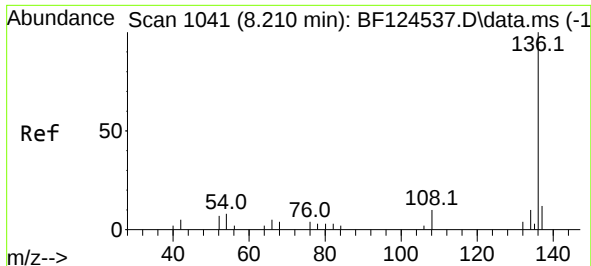
Tgt Ion:	99	Resp:	19870
Ion	Ratio	Lower	Upper
99	100		
42	27.8	23.5	35.3
71	33.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.37 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.129 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion:	70	Resp:	1519
Ion	Ratio	Lower	Upper
70	100		
42	79.5	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

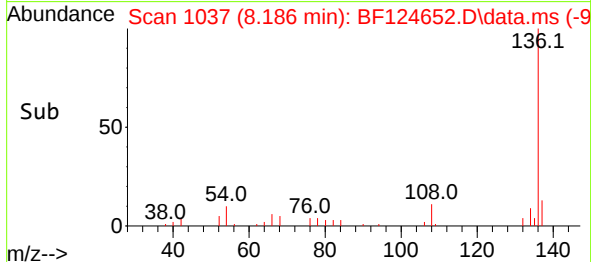
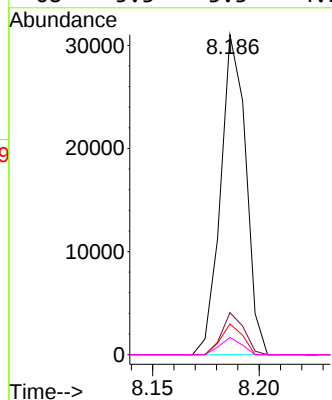
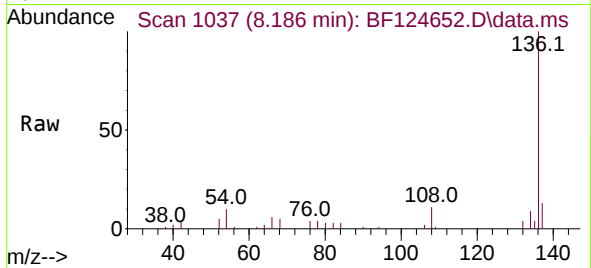




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

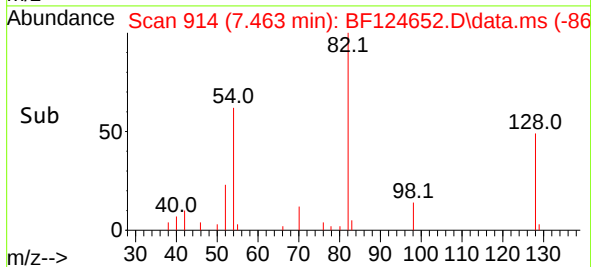
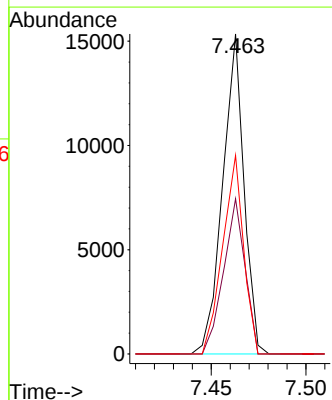
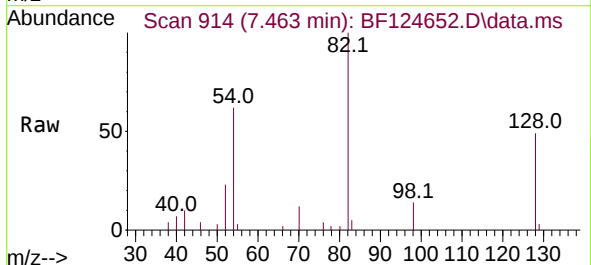
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

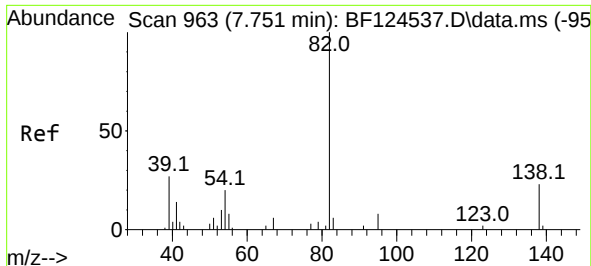
Tgt Ion:136	Resp:	25527
Ion Ratio	Lower	Upper
136	100	
137	13.1	9.8 14.6
54	9.6	6.4 9.6
68	5.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 29.69 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.024 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion: 82	Resp:	12005
Ion Ratio	Lower	Upper
82	100	
128	48.5	40.6 60.8
54	62.0	49.6 74.4

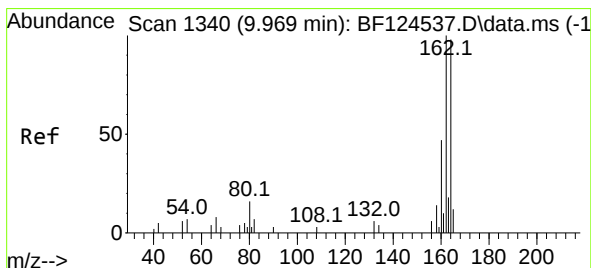
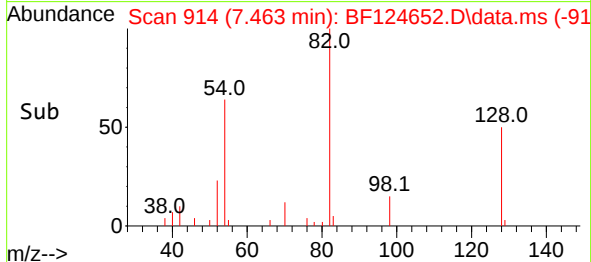
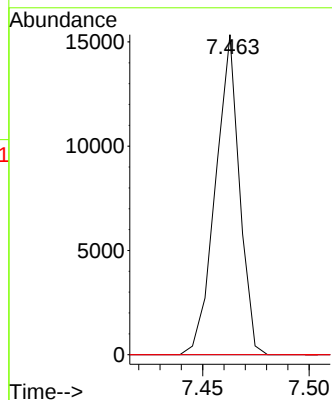
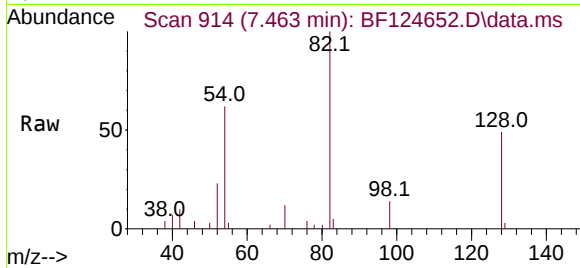




#25
Isophorone
Concen: 16.17 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

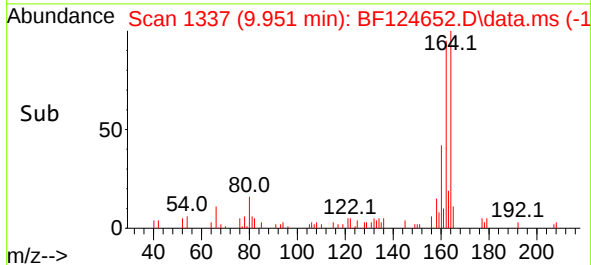
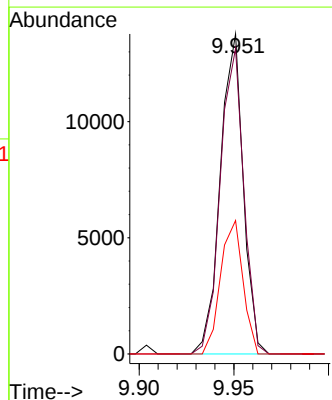
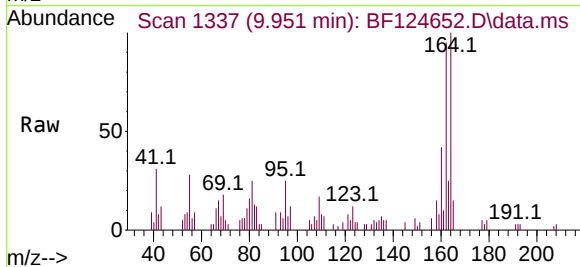
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

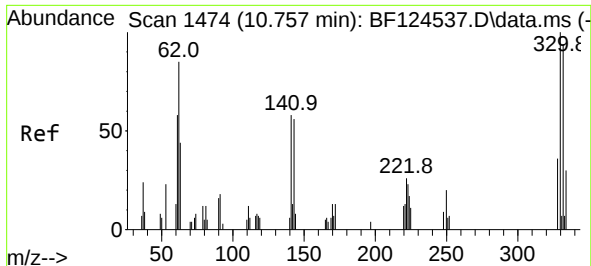
Tgt Ion: 82 Resp: 12004
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion:164 Resp: 11619
Ion Ratio Lower Upper
164 100
162 95.5 81.3 121.9
160 41.7 38.0 57.0

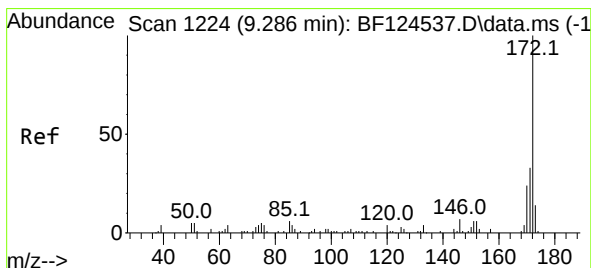
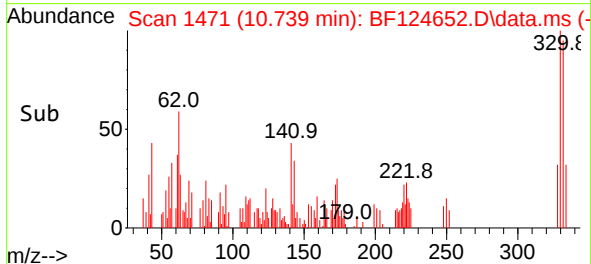
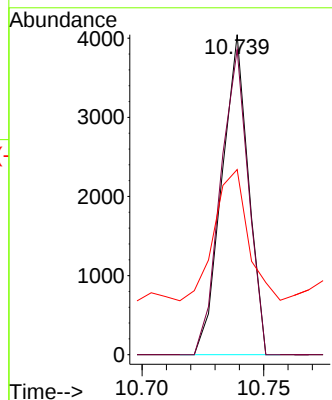
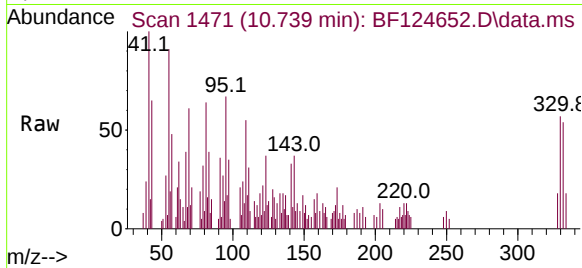




#42
2,4,6-Tribromophenol
Concen: 33.84 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.012 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

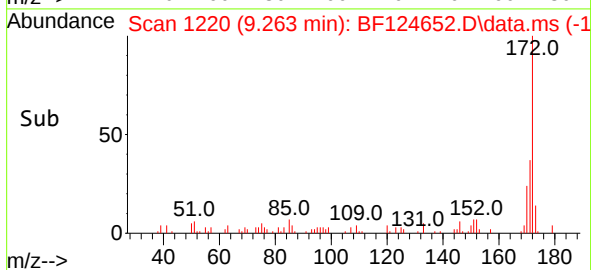
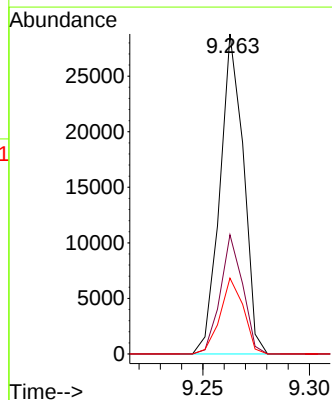
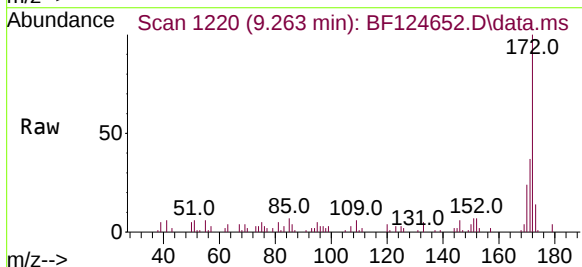
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ClientSampleId :
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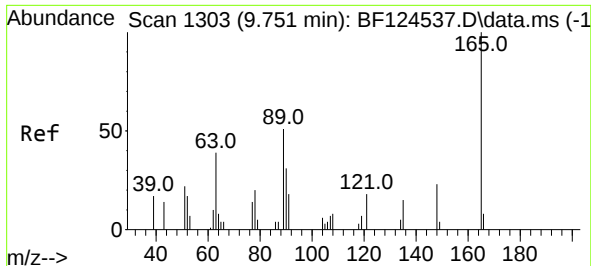
Tgt Ion: 330 Resp: 3060
Ion Ratio Lower Upper
330 100
332 100.3 76.2 114.4
141 52.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 27.76 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion: 172 Resp: 22115
Ion Ratio Lower Upper
172 100
171 37.3 26.5 39.7
170 23.7 18.8 28.2

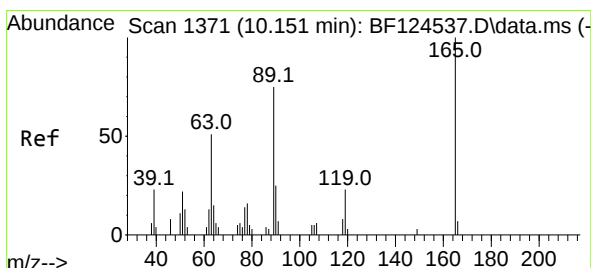
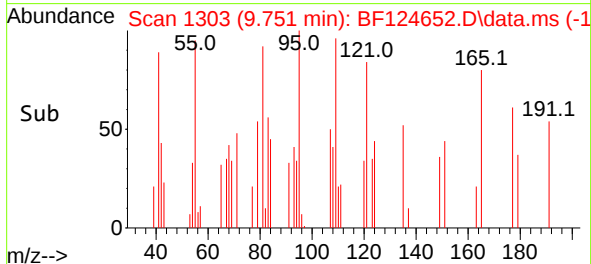
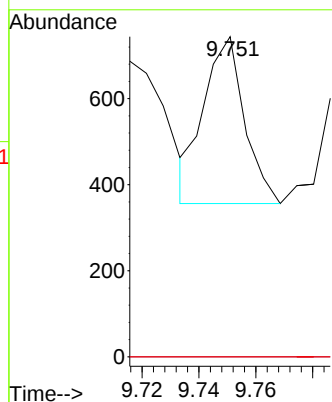
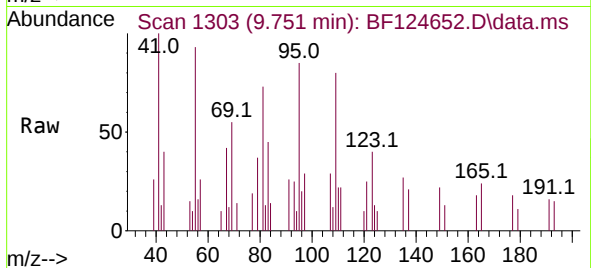




#51
2,6-Dinitrotoluene
Concen: 2.41 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

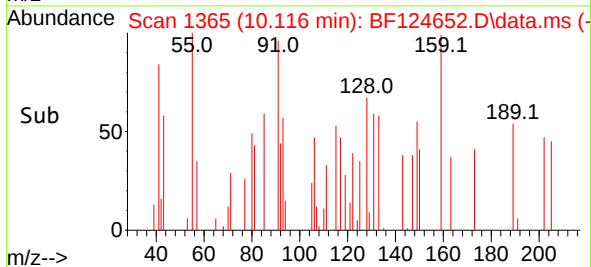
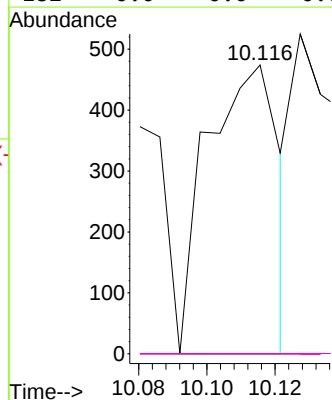
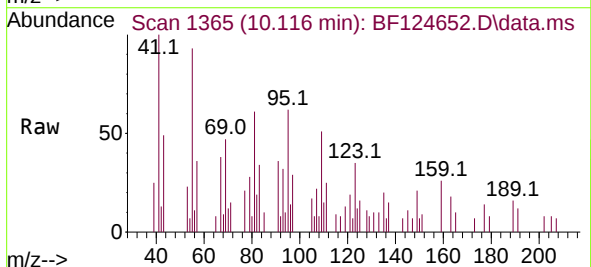
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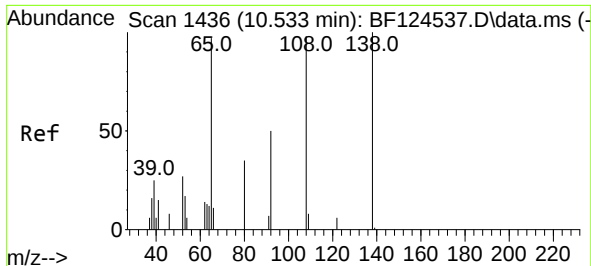
Tgt Ion:165 Resp: 384
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 3.18 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.029 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion:165 Resp: 693
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

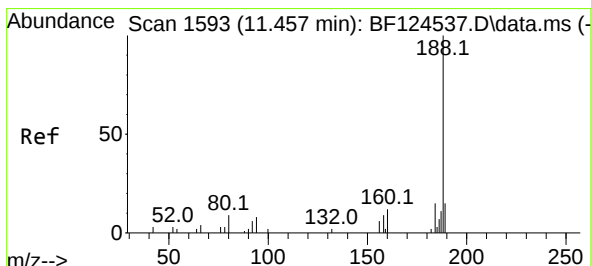
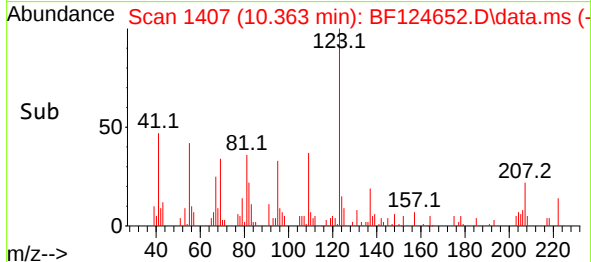
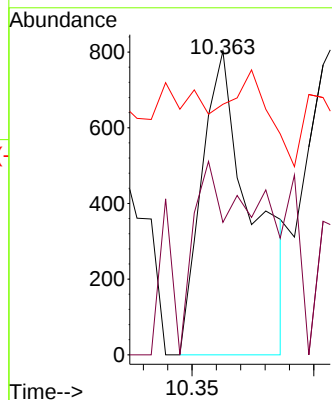
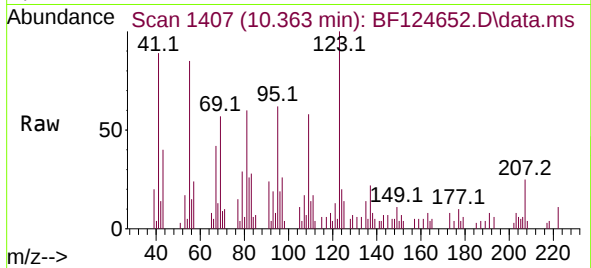




#62
4-Nitroaniline
Concen: 6.47 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.171 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

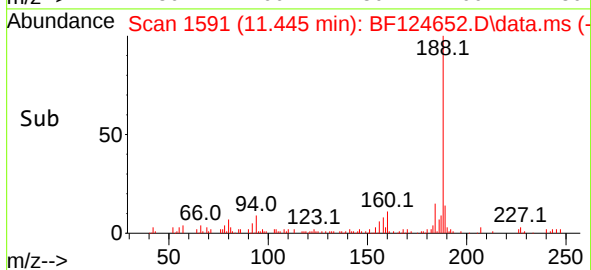
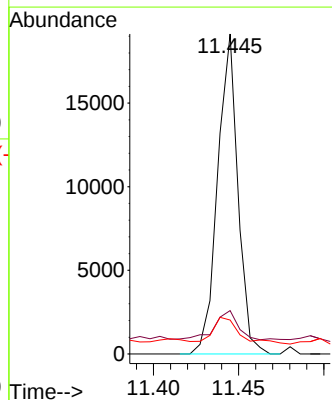
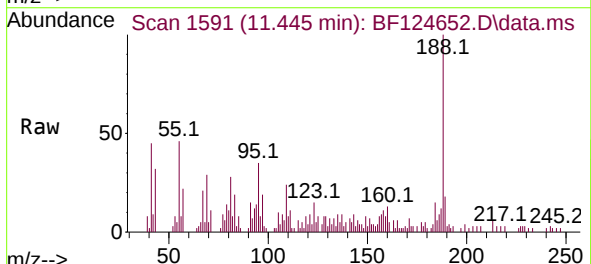
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

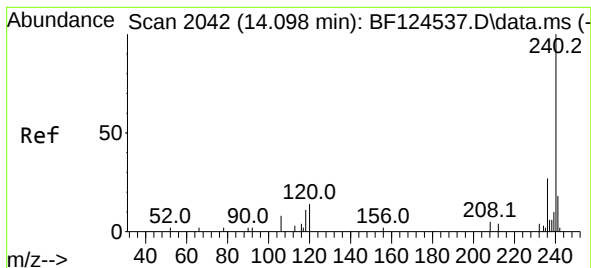
Tgt Ion:138 Resp: 1160
Ion Ratio Lower Upper
138 100
92 43.6 29.6 69.6
108 82.4 78.1 118.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion:188 Resp: 15833
Ion Ratio Lower Upper
188 100
94 13.6 6.7 10.1#
80 10.6 7.5 11.3

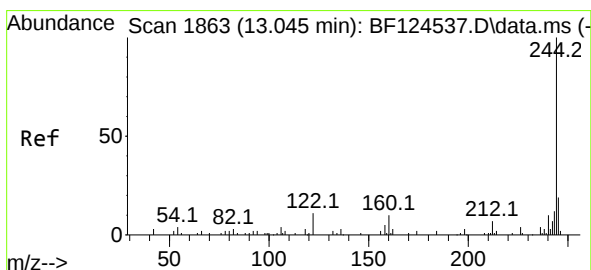
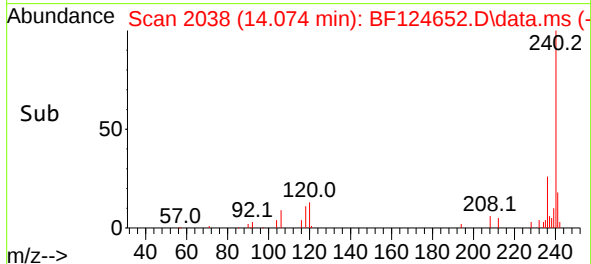
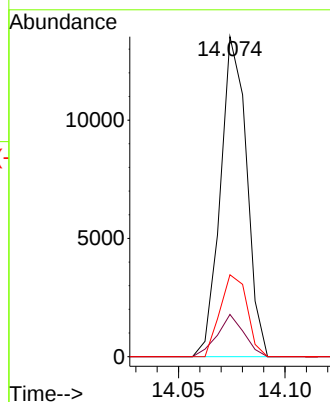
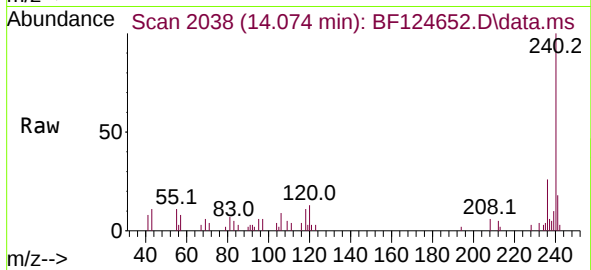




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

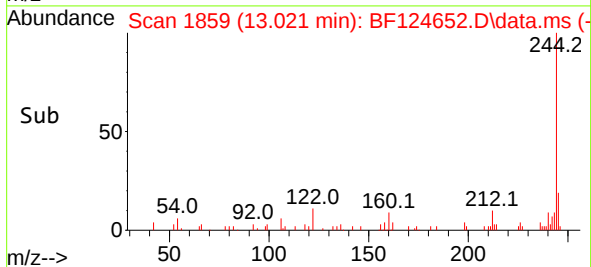
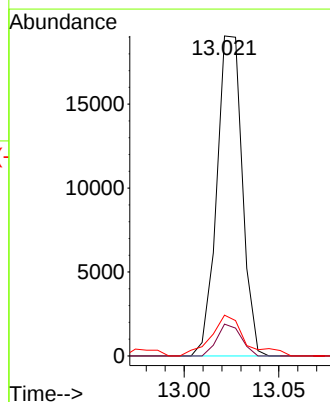
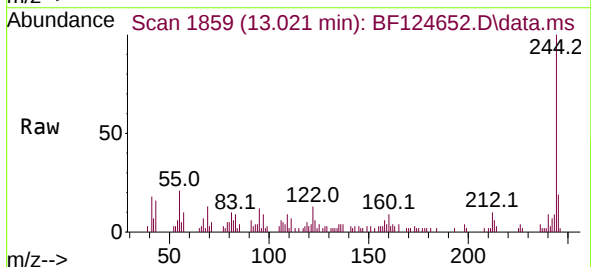
Instrument :
BNA_F
ClientSampleId :
R99997-(A-D)-(0-3)

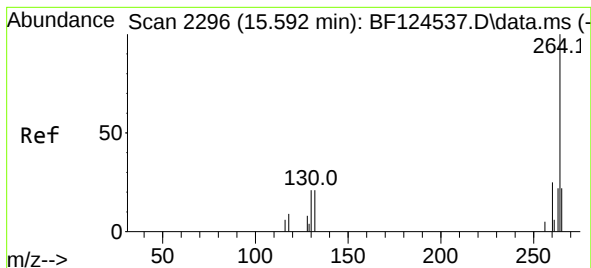
Tgt Ion:240 Resp: 11556
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 25.92 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.012 min
Lab File: BF124652.D
Acq: 21 Jul 2021 4:46

Tgt Ion:244 Resp: 17837
Ion Ratio Lower Upper
244 100
212 9.9 5.9 8.9#
122 12.8 9.0 13.4

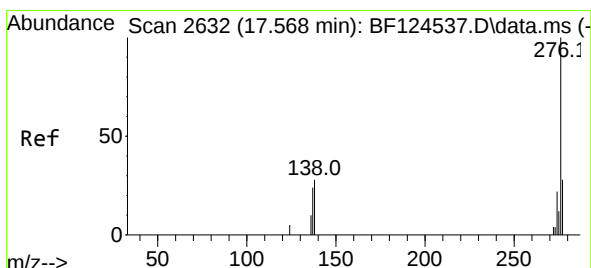
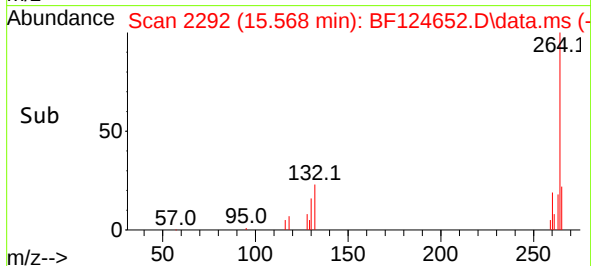
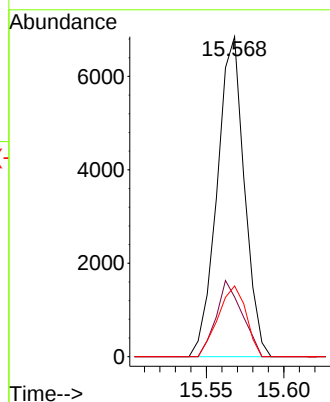
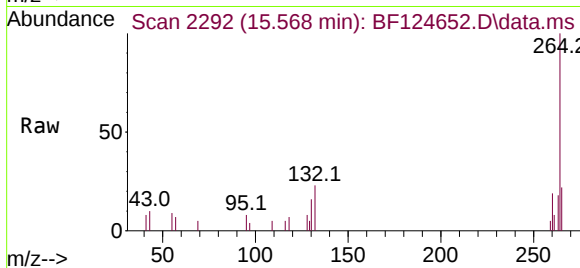




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF124652.D
 Acq: 21 Jul 2021 4:46

Instrument :
 BNA_F
 ClientSampleId :
 R99997-(A-D)-(0-3)

Tgt Ion:264 Resp: 8373
 Ion Ratio Lower Upper
 264 100
 260 18.6 19.6 29.4#
 265 22.1 17.2 25.8



#92
 Benzo(g,h,i)perylene
 Concen: 2.14 ng
 RT: 17.521 min Scan# 2624
 Delta R.T. -0.024 min
 Lab File: BF124652.D
 Acq: 21 Jul 2021 4:46

Tgt Ion:276 Resp: 862
 Ion Ratio Lower Upper
 276 100
 277 0.0 22.0 33.0#
 138 0.0 22.2 33.4#

