

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121749.D
 Acq On : 30 Sep 2020 20:35
 Operator : JU/CG
 Sample : L4176-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AC-4

Quant Time: Oct 01 00:37:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 29 11:12:14 2020
 Response via : Initial Calibration

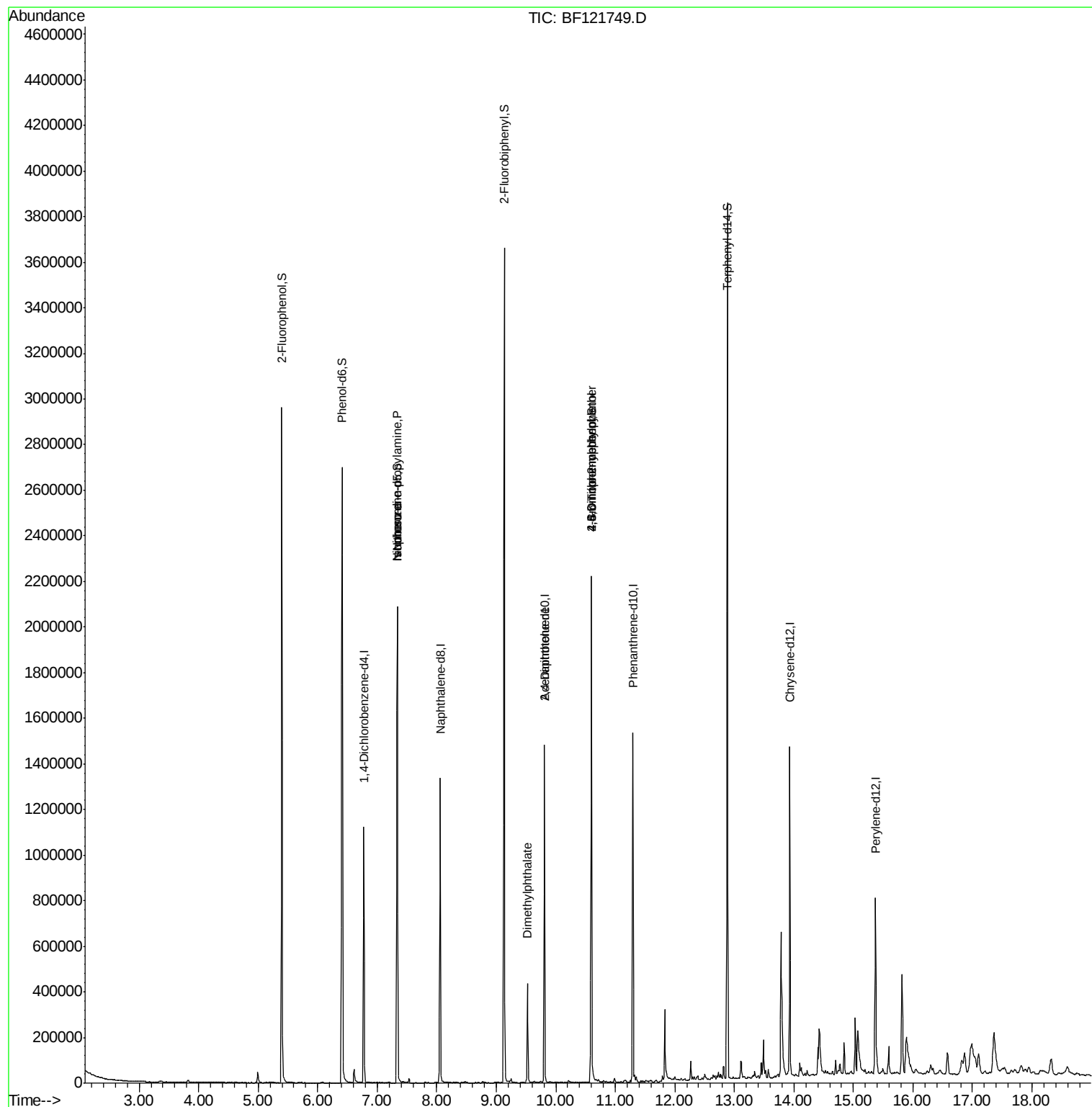
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	153742	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	609332	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	324473	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	605790	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	441625	20.00	ng	-0.01
86) Perylene-d12	15.37	264	349864	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	776899	75.10	ng	0.00
7) Phenol-d6	6.41	99	1005307	74.07	ng	-0.02
23) Nitrobenzene-d5	7.34	82	694597	61.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	319805	79.30	ng	-0.01
45) 2-Fluorobiphenyl	9.13	172	1280946	59.79	ng	-0.02
79) Terphenyl-d14	12.89	244	1336878	61.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	91474	11.694	ng	# 79
25) Isophorone	7.34	82	685676	30.014	ng	# 66
50) Dimethylphthalate	9.53	163	170661	7.257	ng	# 98
57) 2,4-Dinitrotoluene	9.81	165	41831	6.639	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	578	6.985	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	18809	2.727	ng	# 1

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

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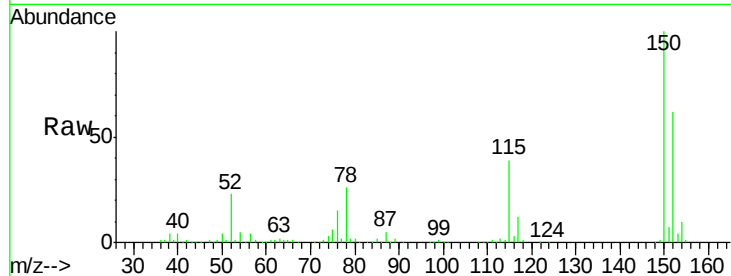


#1

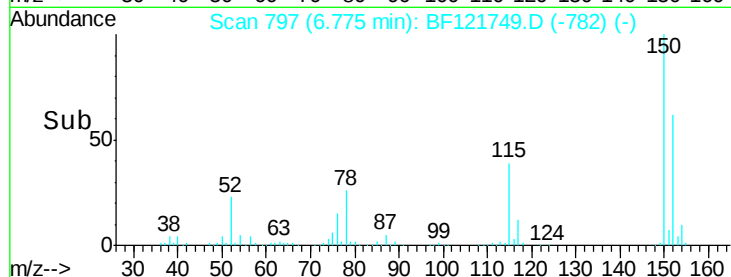
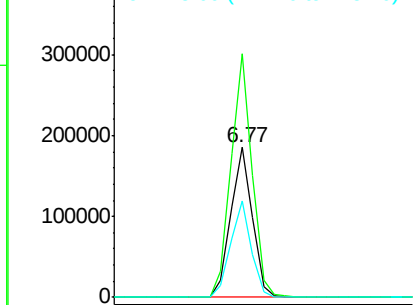
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Instrument :
BNA_F
ClientSampleId :
AC-4

Tot Ion:152 Resp: 153742
Ion Ratio Lower Upper
152 100
150 162.6 125.8 188.8
115 64.0 49.6 74.4



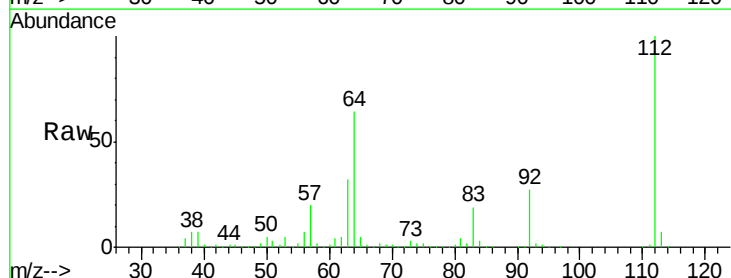
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



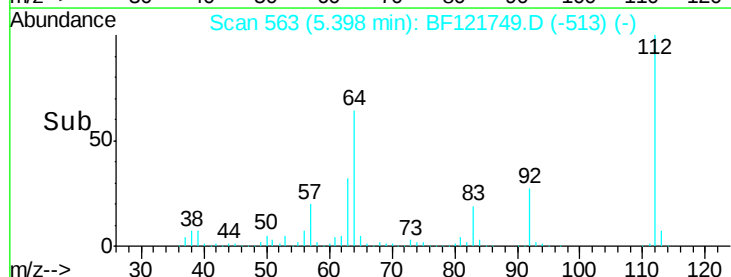
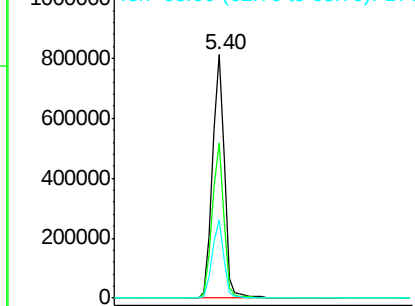
#5

2-Fluorophenol
Concen: 75.098 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Tgt Ion:112 Resp: 776899
Ion Ratio Lower Upper
112 100
64 63.9 51.2 76.8
63 32.3 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 74.071 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Instrument :

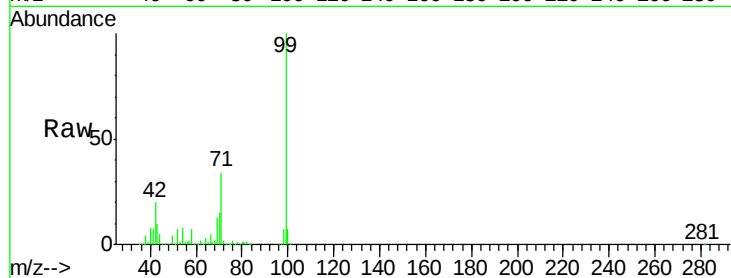
BNA_F

ClientSampleId :

AC-4

Tot Ion: 99 Resp: 1005307

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.5	24.7
71	33.9	27.8	41.6

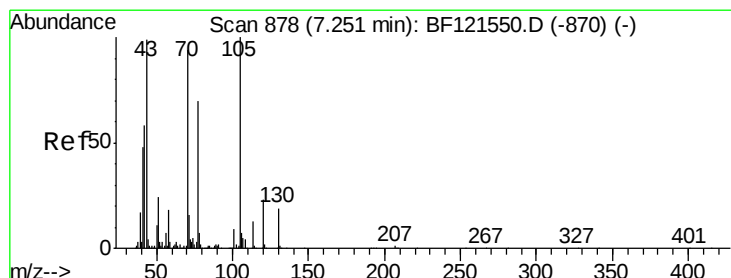
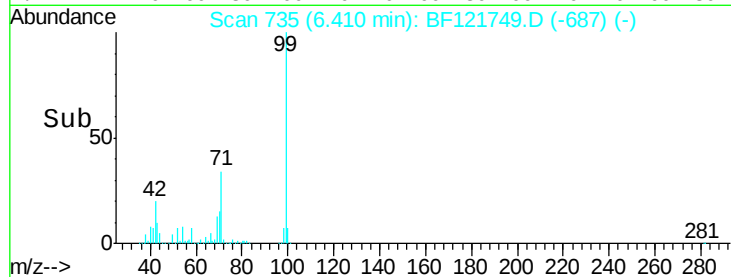


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 11.694 ng

RT: 7.34 min Scan# 893

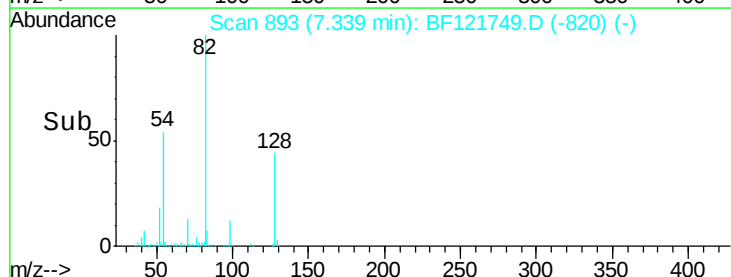
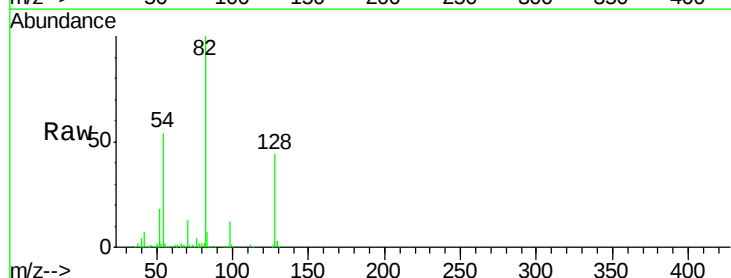
Delta R.T. 0.13 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Tgt Ion: 70 Resp: 91474

Ion	Ratio	Lower	Upper
70	100		
42	50.5	48.6	73.0
101	0.0	7.5	11.3#
130	2.2	16.4	24.6#

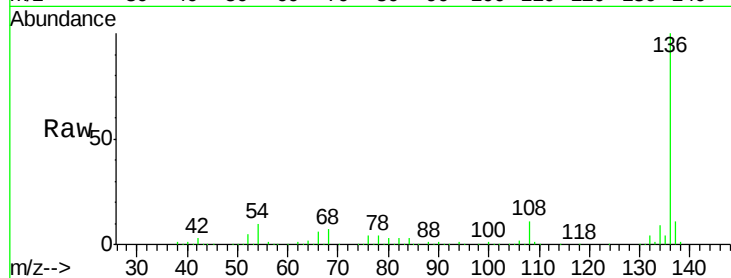




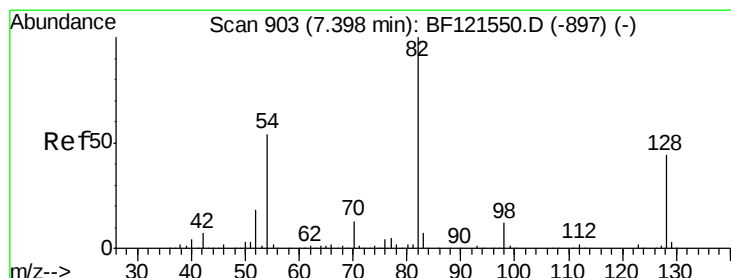
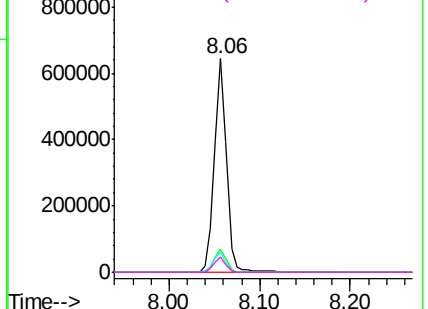
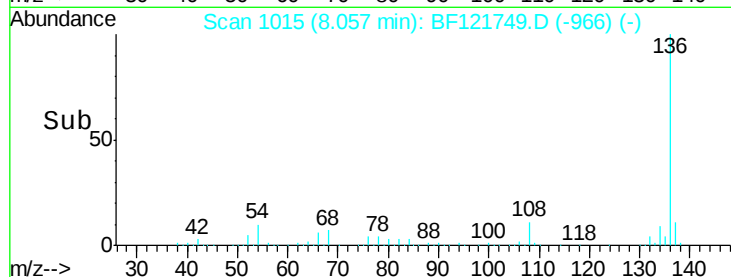
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Instrument :
BNA_F
ClientSampled :
AC-4

Tot Ion:136	Resp: 609332
Ion Ratio	Lower Upper
136 100	
137 10.9	9.1 13.7
54 9.6	7.8 11.8
68 7.2	5.6 8.4

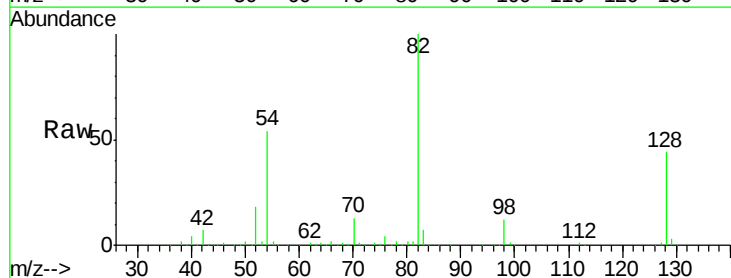


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

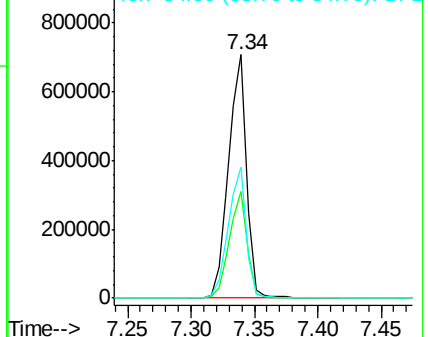
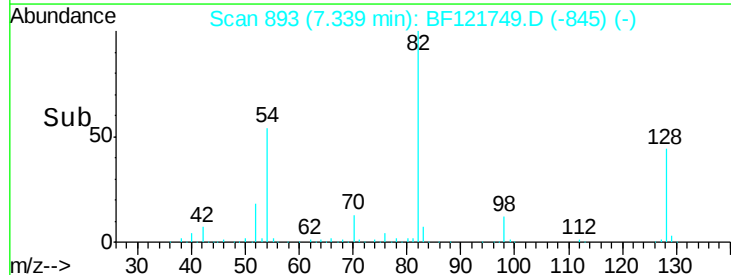


#23
Nitrobenzene-d5
Concen: 61.205 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Tgt	Ion: 82	Resp:	694597
Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.4
54	53.6	42.5	63.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

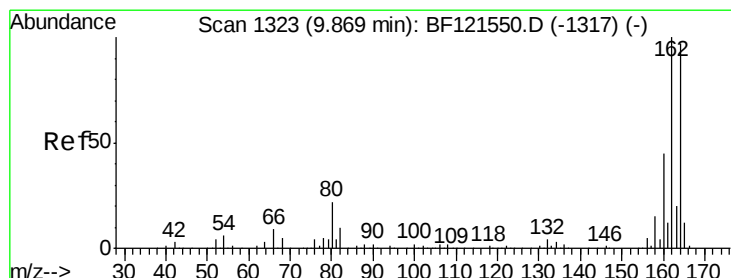
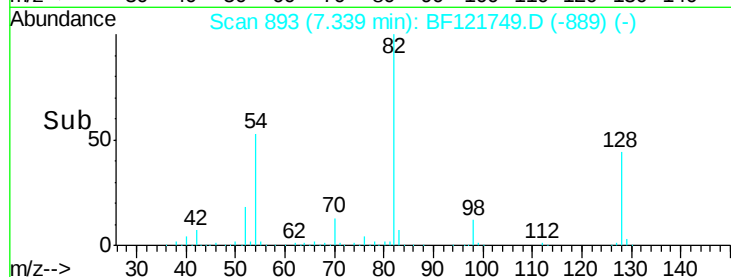
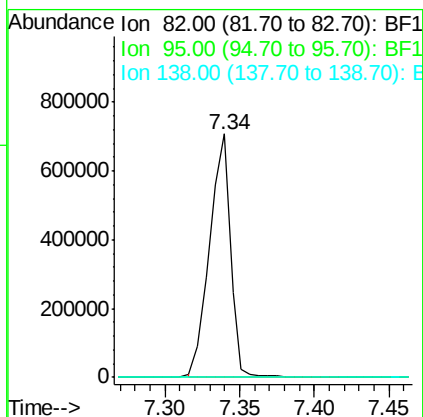
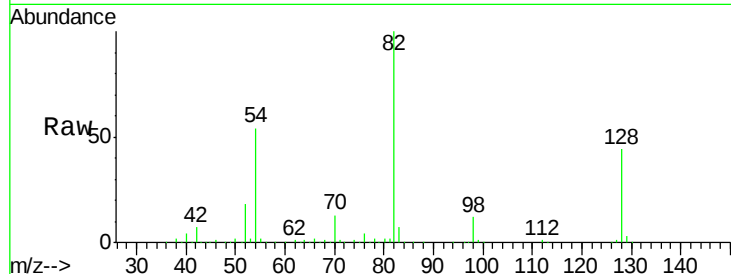




#25
Isophorone
Concen: 30.014 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.28 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

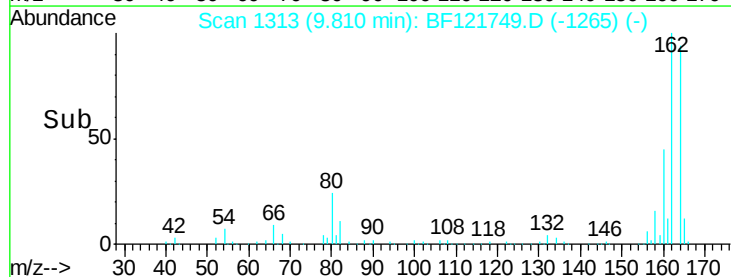
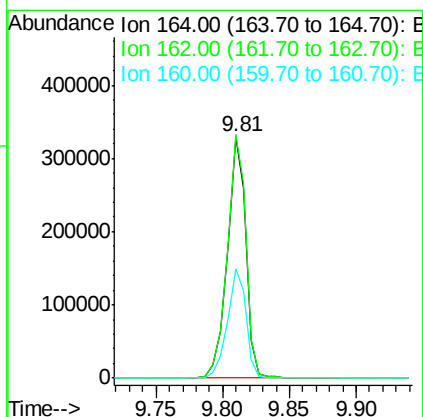
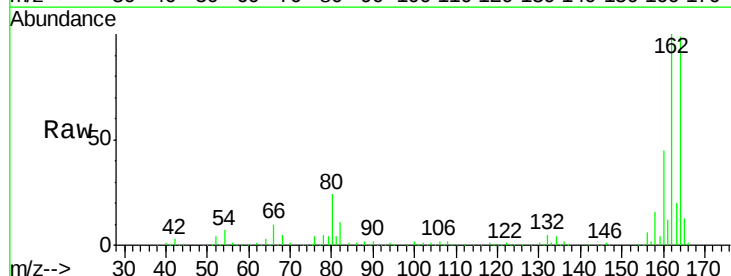
Instrument :
BNA_F
ClientSampleId :
AC-4

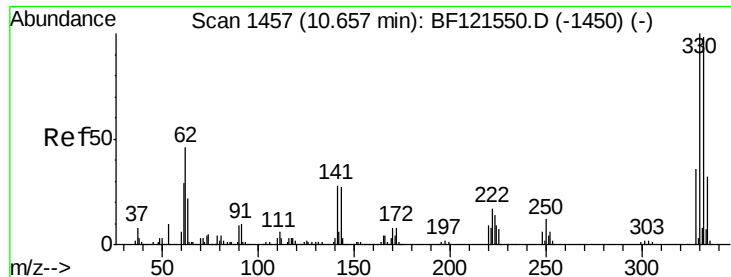
Tot Ion: 82 Resp: 685676
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Tgt Ion: 164 Resp: 324473
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 45.5 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 79.302 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Instrument :

BNA_F

ClientSampleId :

AC-4

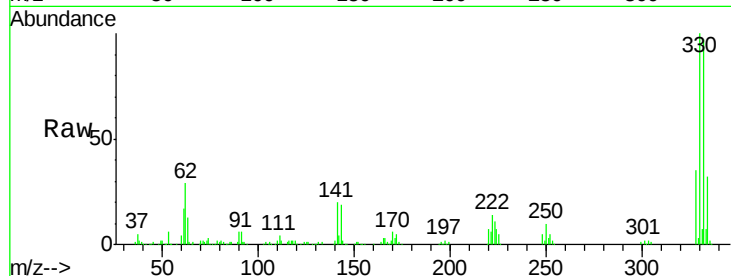
Tot Ion:330 Resp: 319805

Ion Ratio Lower Upper

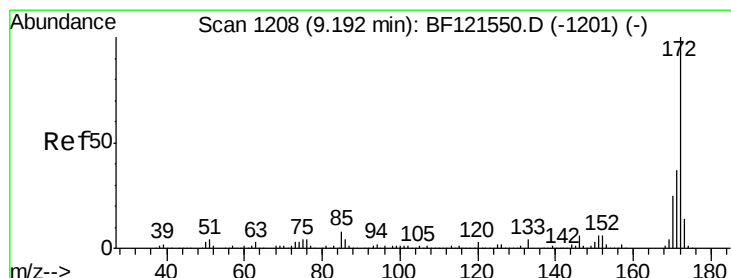
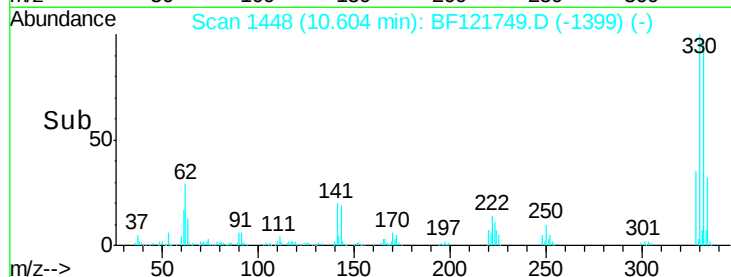
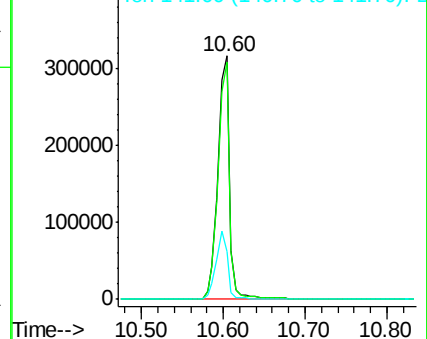
330 100

332 96.5 77.6 116.4

141 28.1 22.9 34.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 59.790 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.02 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

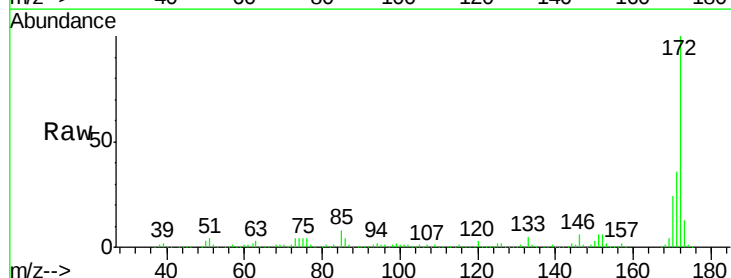
Tgt Ion:172 Resp: 1280946

Ion Ratio Lower Upper

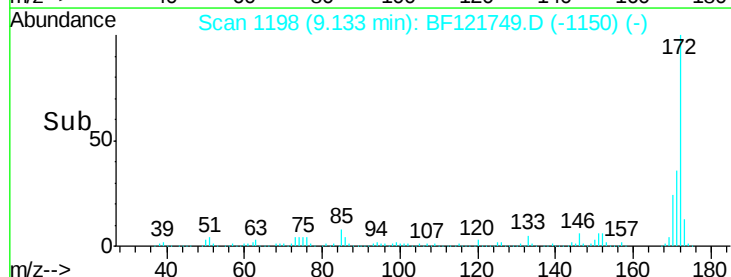
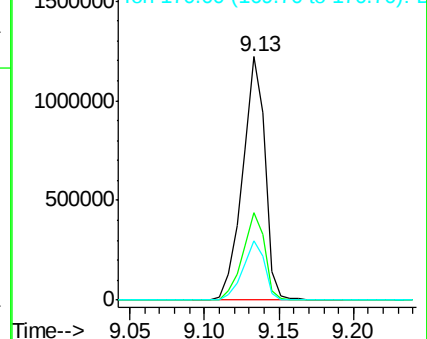
172 100

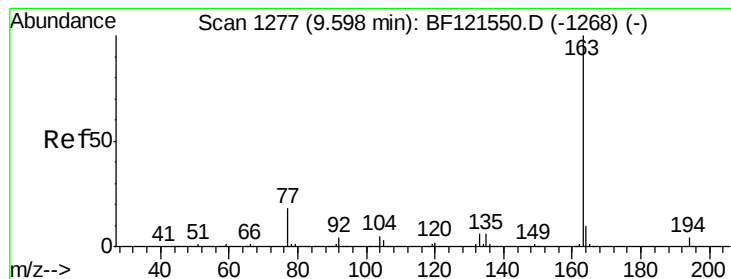
171 35.9 29.2 43.8

170 24.2 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.257 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Instrument :

BNA_F

ClientSampled :

AC-4

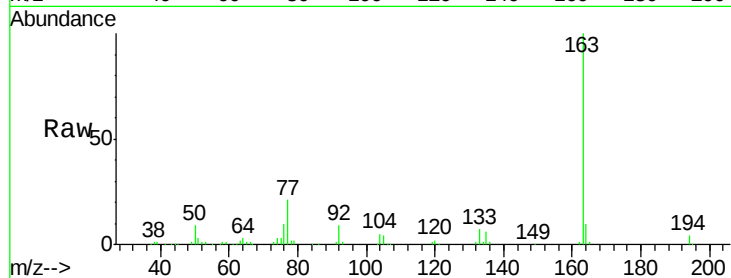
Tot Ion:163 Resp: 170661

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

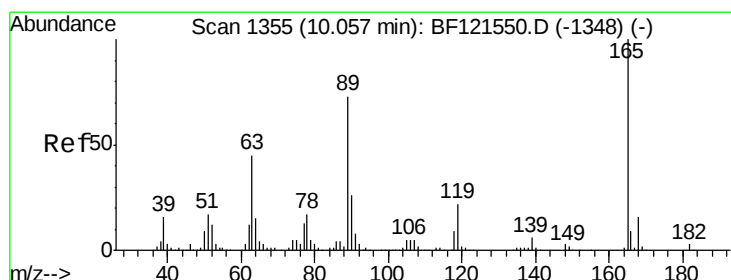
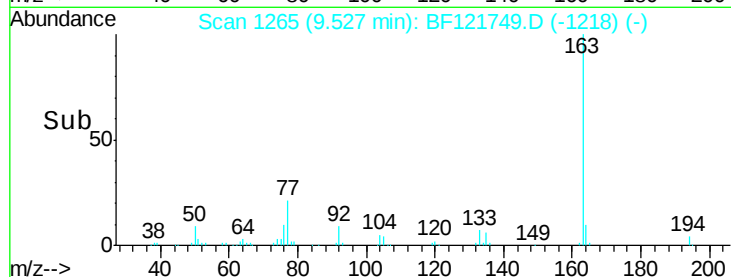
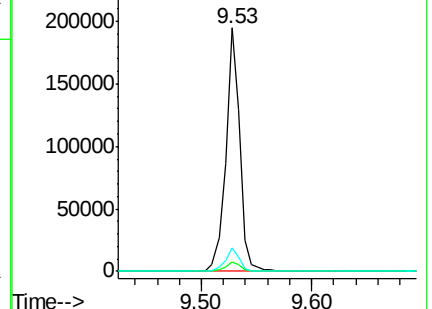
164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.639 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.21 min

Lab File: BF121749.D

Acq: 30 Sep 2020 20:35

Tgt Ion:165 Resp: 41831

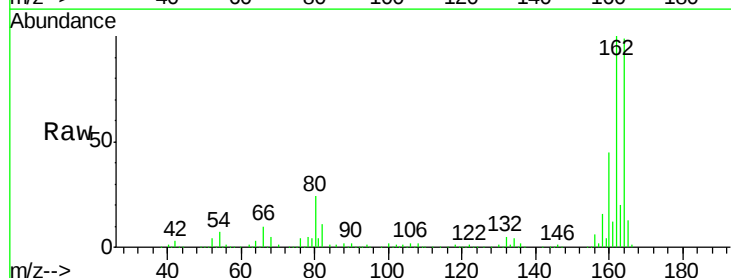
Ion Ratio Lower Upper

165 100

63 1.3 39.0 58.6#

89 1.2 57.5 86.3#

182 0.0 2.2 3.4#

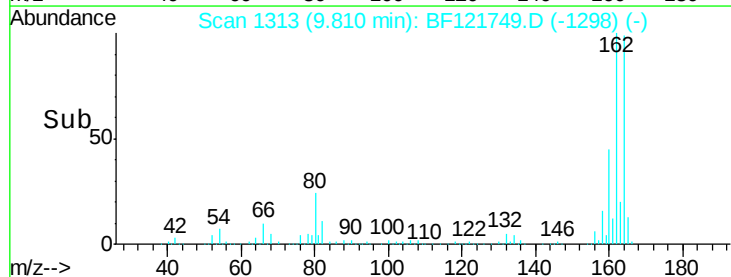
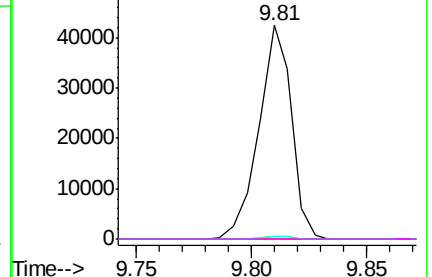


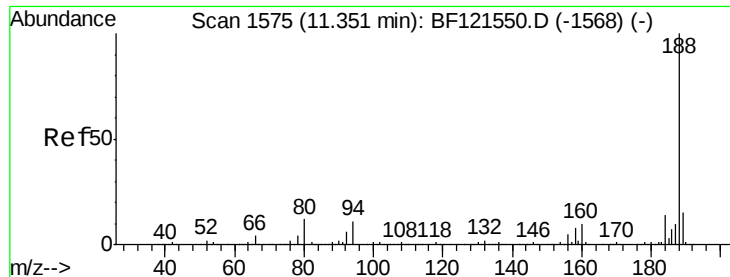
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

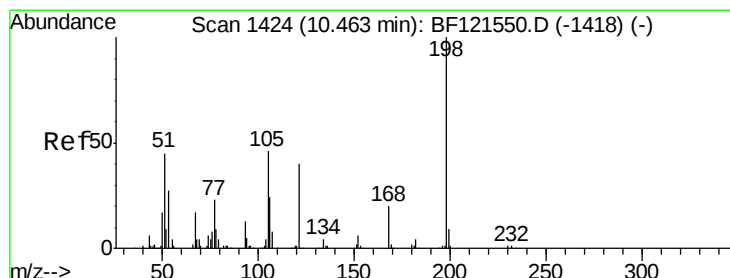
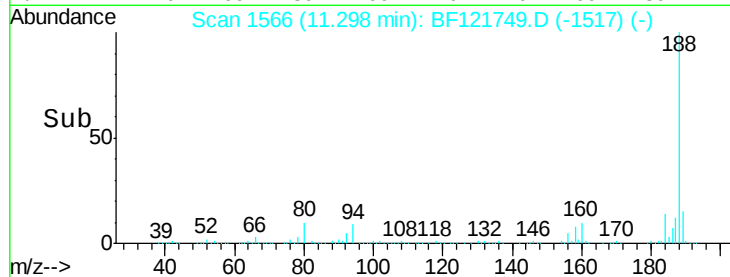
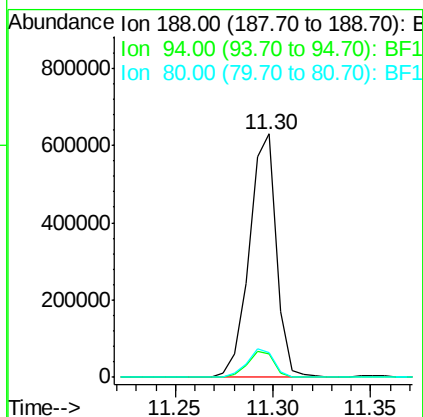
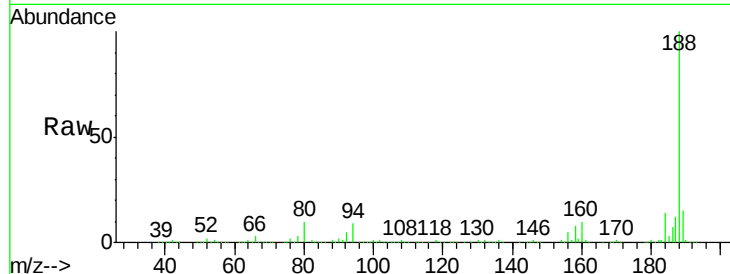




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

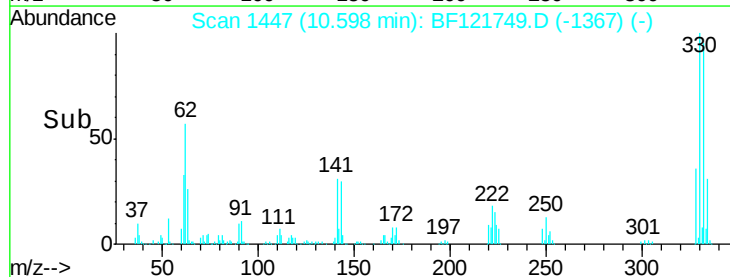
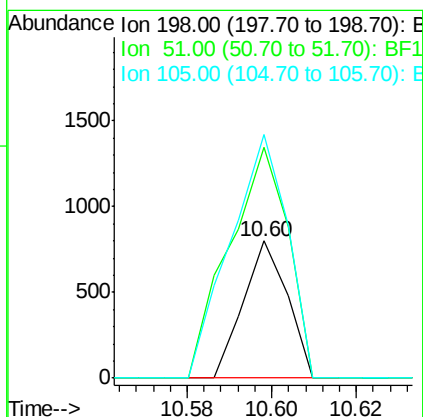
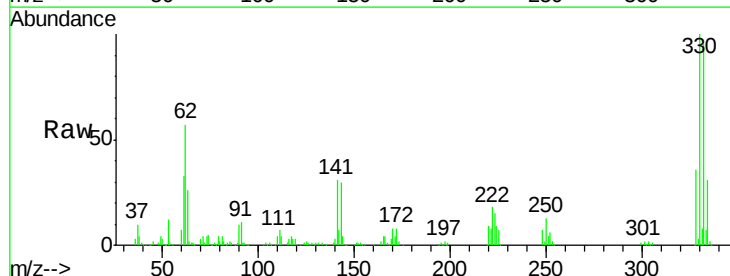
Instrument :
BNA_F
ClientSampleId :
AC-4

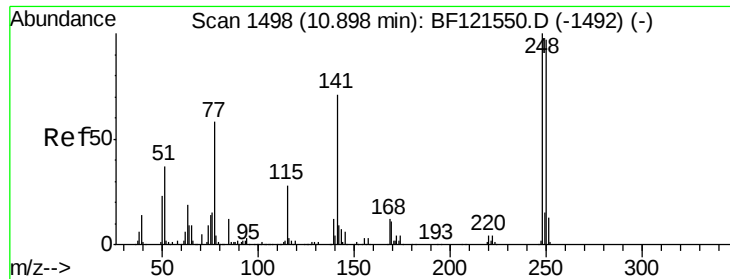
Tot Ion:188 Resp: 605790
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 10.3 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 6.985 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.17 min
Lab File: BF121749.D
Acq: 30 Sep 2020 20:35

Tgt Ion:198 Resp: 578
Ion Ratio Lower Upper
198 100
51 168.3 34.7 74.7#
105 177.8 27.8 67.8#

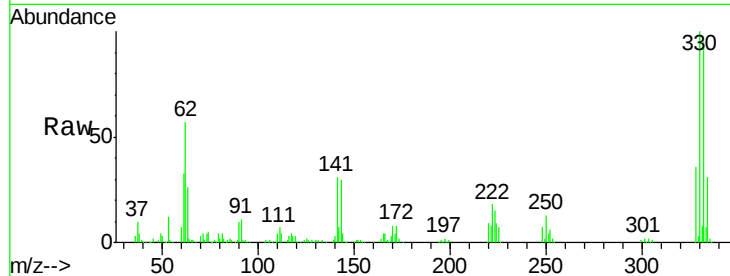




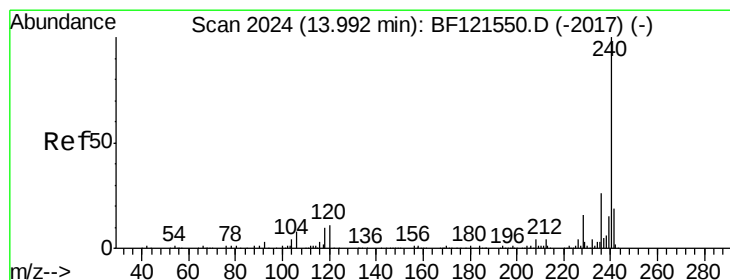
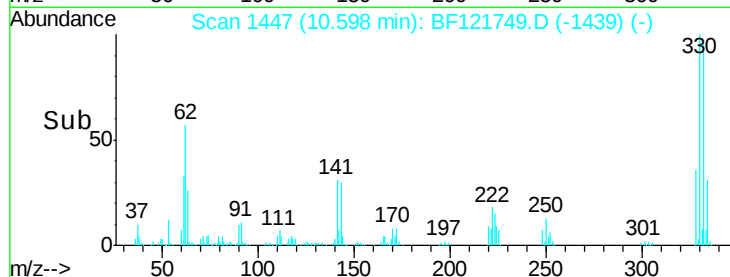
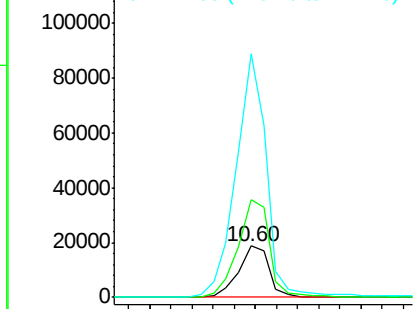
#67
 4-Bromophenyl-phenylether
 Concen: 2.727 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF121749.D
 Acq: 30 Sep 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :
 AC-4

Tot Ion:248 Resp: 18809
 Ion Ratio Lower Upper
 248 100
 250 191.9 78.6 118.0#
 141 475.1 60.0 90.0#

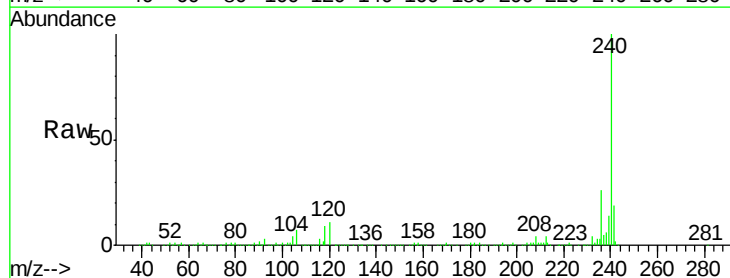


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

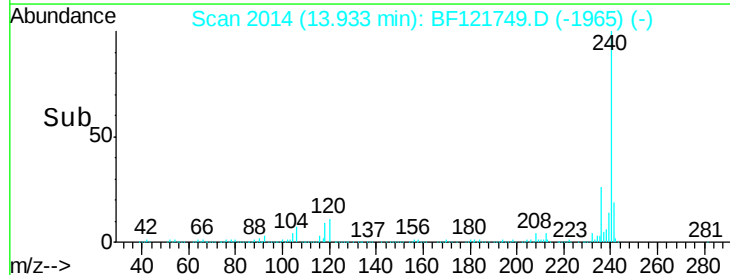
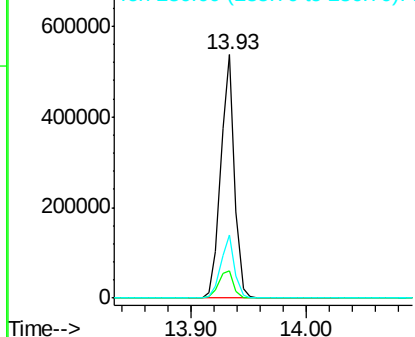


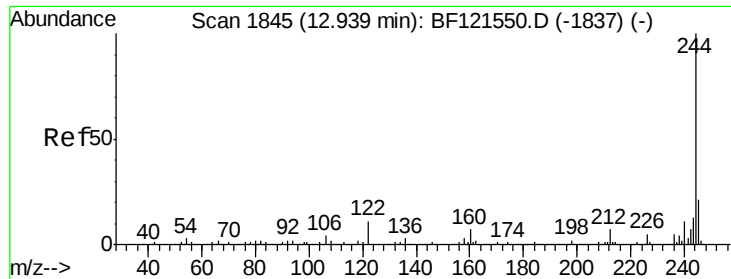
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF121749.D
 Acq: 30 Sep 2020 20:35

Tgt Ion:240 Resp: 441625
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.2 15.4
 236 25.7 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

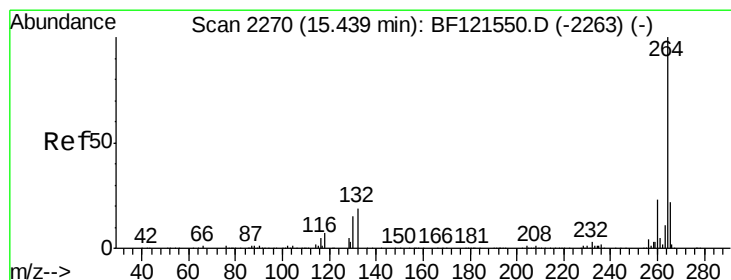
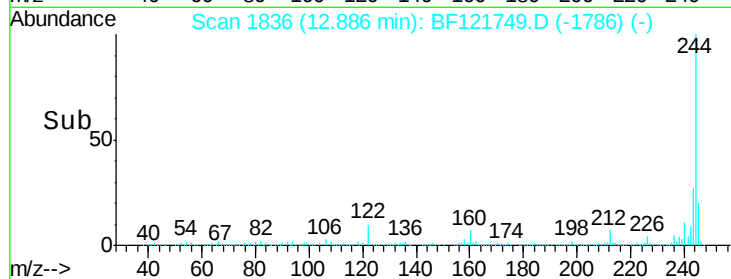
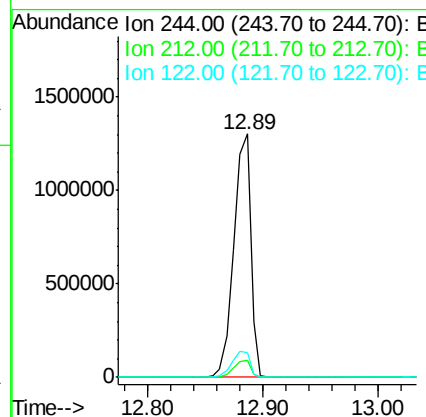
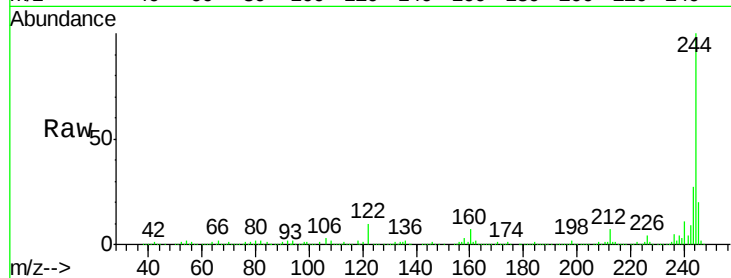




#79
 Terphenyl-d14
 Concen: 61.328 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF121749.D
 Acq: 30 Sep 2020 20:35

Instrument :
 BNA_F
 ClientSampleId :
 AC-4

Tot Ion:244 Resp: 1336878
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BF121749.D
 Acq: 30 Sep 2020 20:35

Tgt Ion:264 Resp: 349864
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.2 17.3 25.9

