

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121745.D
 Acq On : 30 Sep 2020 18:33
 Operator : JU/CG
 Sample : PB132004TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132004TB

Quant Time: Sep 30 19:03:06 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

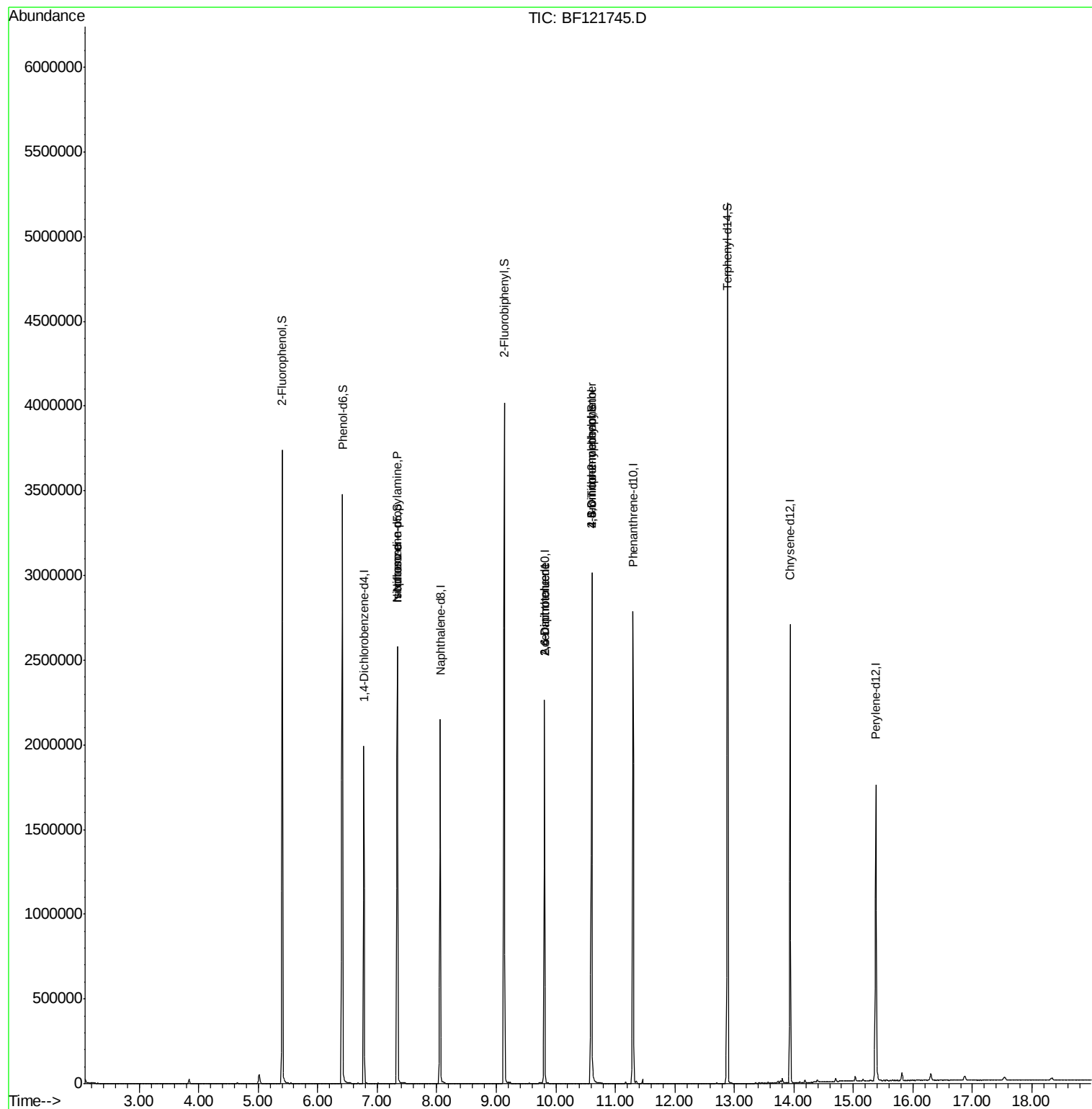
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	268569	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	1053773	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	571755	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	1119555	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	975074	20.00	ng	0.00
86) Perylene-d12	15.38	264	826152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1067634	59.08	ng	0.00
7) Phenol-d6	6.42	99	1363597	57.51	ng	-0.01
23) Nitrobenzene-d5	7.34	82	948807	48.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	468667	65.95	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1698818	45.00	ng	-0.01
79) Terphenyl-d14	12.89	244	2065245	42.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	127340	9.319	ng	# 79
25) Isophorone	7.34	82	936205	23.697	ng	# 66
51) 2,6-Dinitrotoluene	9.81	165	73072	8.280	ng	# 26
57) 2,4-Dinitrotoluene	9.81	165	73072	6.581	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	869	6.961	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	27265	2.139	ng	# 1

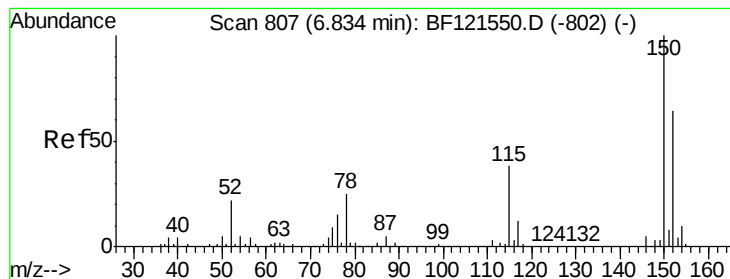
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
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Quant Time: Sep 30 19:03:06 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



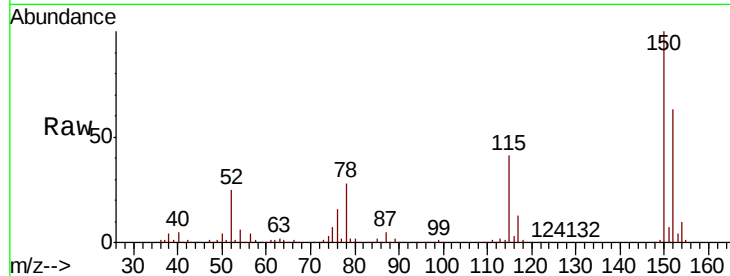


#1

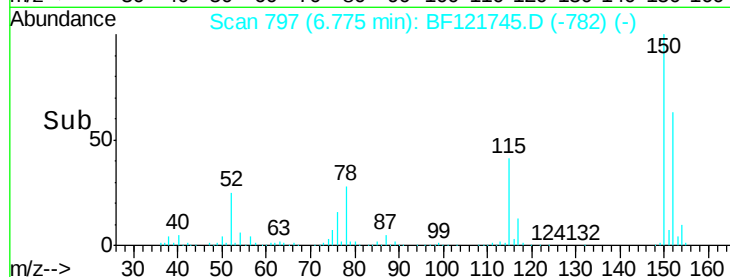
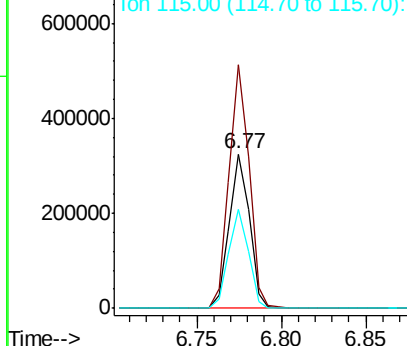
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF121745.D
 Acq: 30 Sep 2020 18:33

Instrument :
 BNA_F
 ClientSampleId :
 PB132004TB

Tot Ion:152 Resp: 268569
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.8 188.8
 115 64.3 49.6 74.4



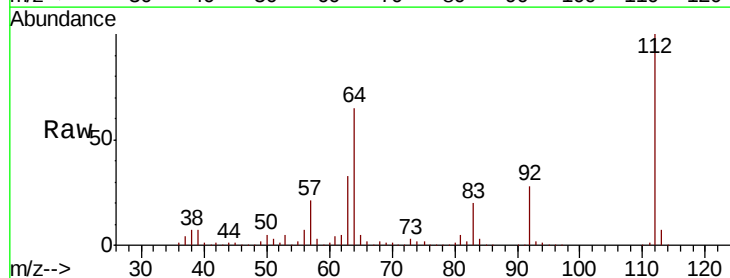
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



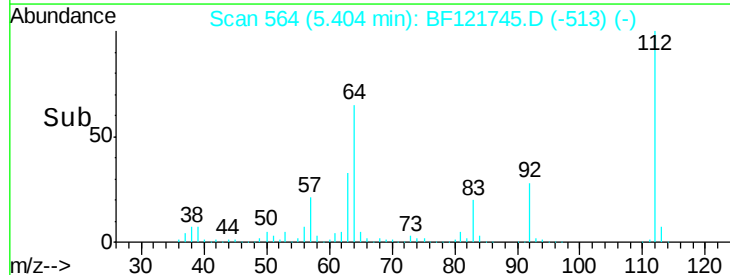
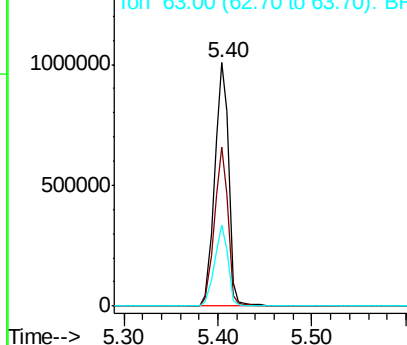
#5

2-Fluorophenol
 Concen: 59.077 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF121745.D
 Acq: 30 Sep 2020 18:33

Tgt Ion:112 Resp: 1067634
 Ion Ratio Lower Upper
 112 100
 64 65.2 51.2 76.8
 63 33.4 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: 57.514 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

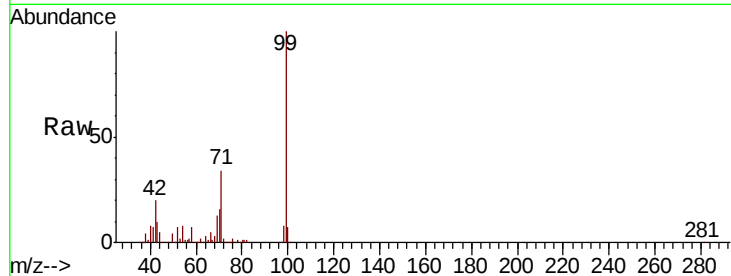
BNA_F

ClientSampleId :

PB132004TB

Tot Ion: 99 Resp: 1363597

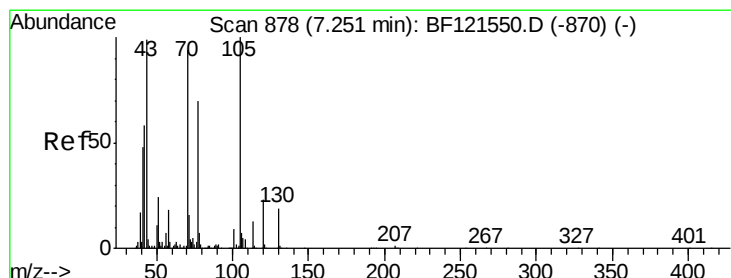
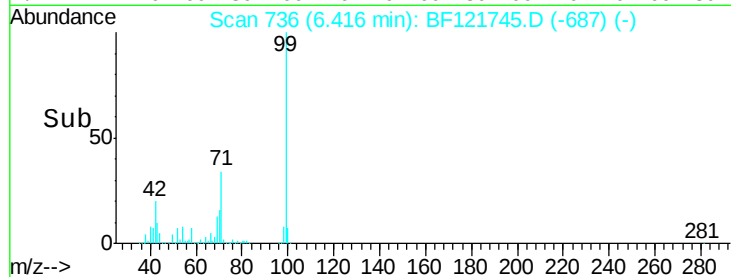
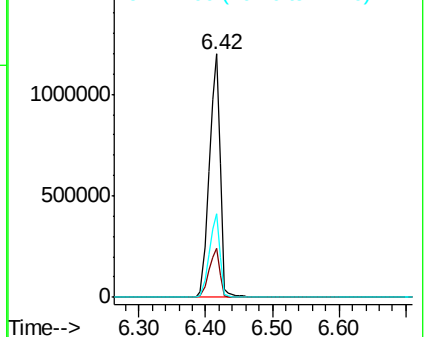
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.5	24.7
71	34.5	27.8	41.6



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: 9.319 ng

RT: 7.34 min Scan# 893

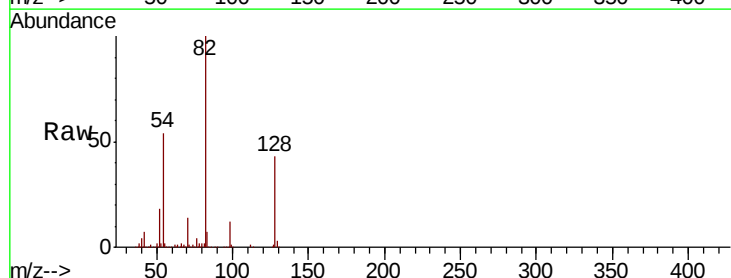
Delta R.T. 0.13 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Tgt Ion: 70 Resp: 127340

Ion	Ratio	Lower	Upper
70	100		
42	50.2	48.6	73.0
101	0.0	7.5	11.3#
130	1.8	16.4	24.6#

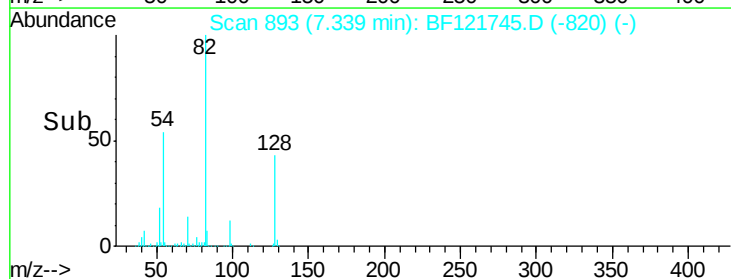
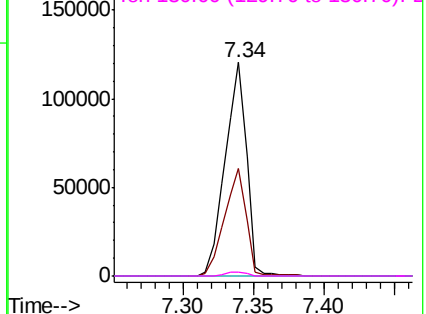


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

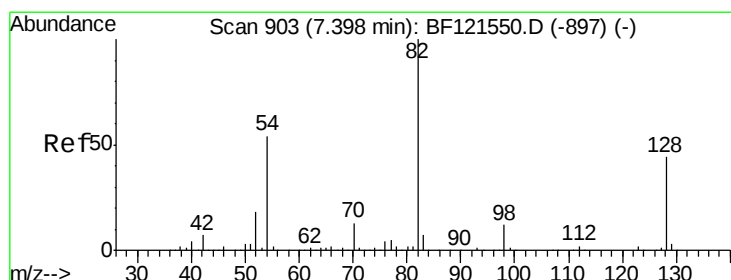
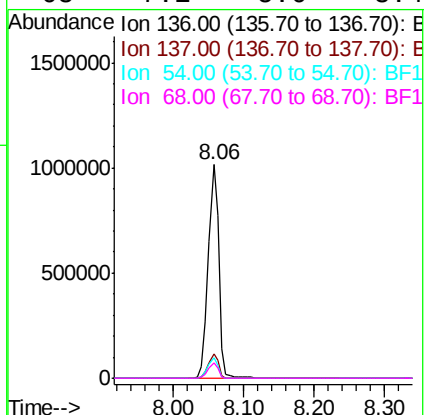
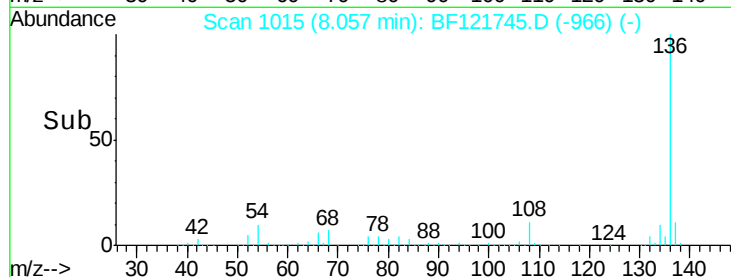
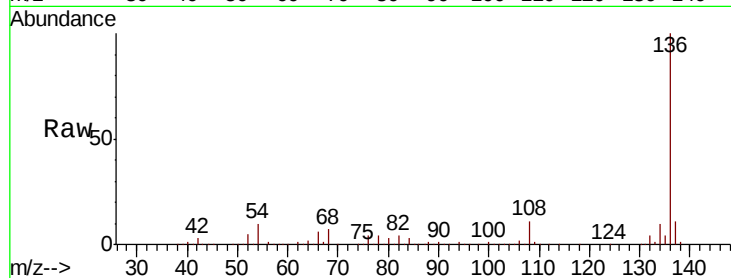




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121745.D
Acq: 30 Sep 2020 18:33

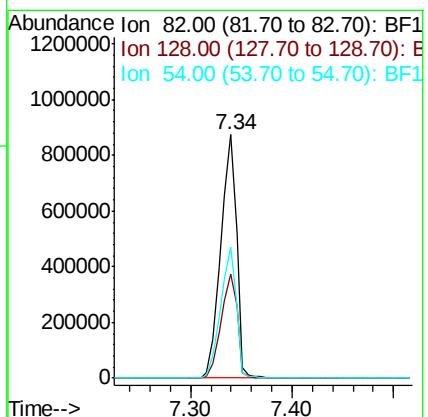
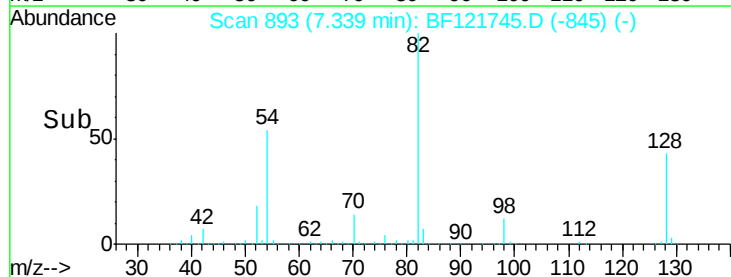
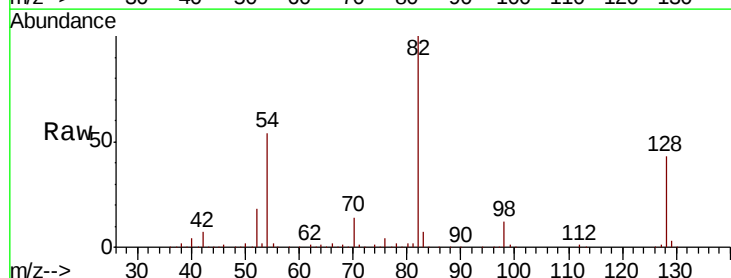
Instrument :
BNA_F
ClientSampleId :
PB132004TB

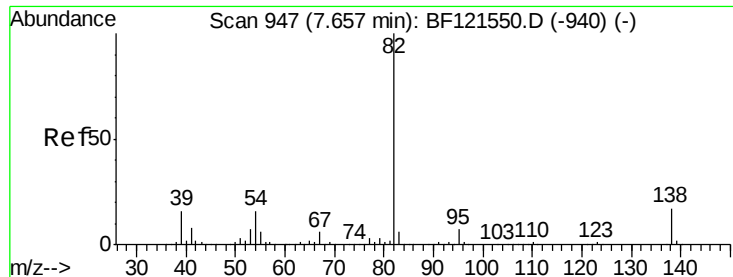
Tot Ion:136 Resp: 1053773
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.8 7.8 11.8
68 7.1 5.6 8.4



#23
Nitrobenzene-d5
Concen: 48.344 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF121745.D
Acq: 30 Sep 2020 18:33

Tgt Ion: 82 Resp: 948807
Ion Ratio Lower Upper
82 100
128 42.6 35.0 52.4
54 53.9 42.5 63.7





#25

Isophorone

Concen: 23.697 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.28 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

BNA_F

ClientSampleId :

PB132004TB

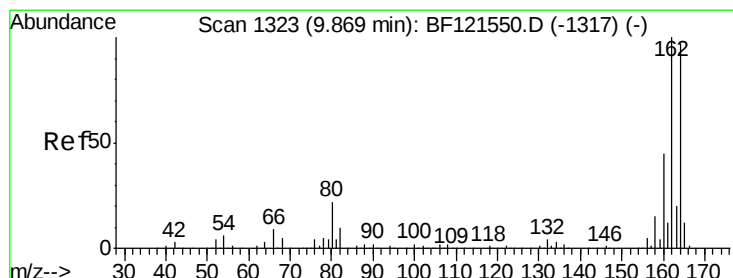
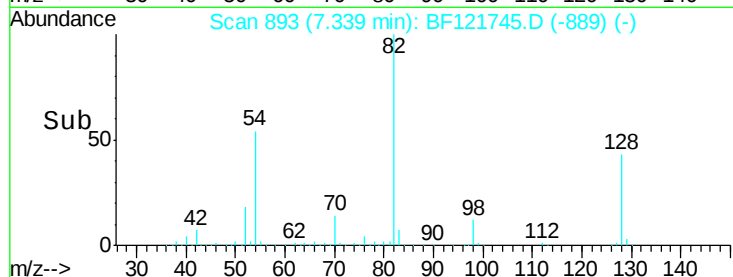
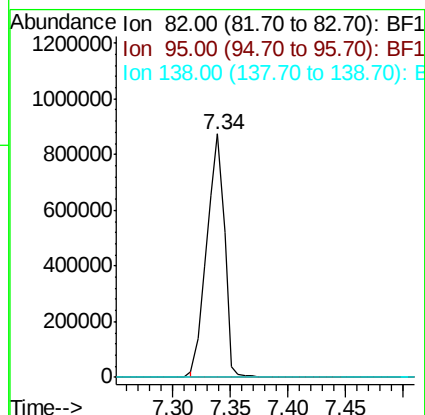
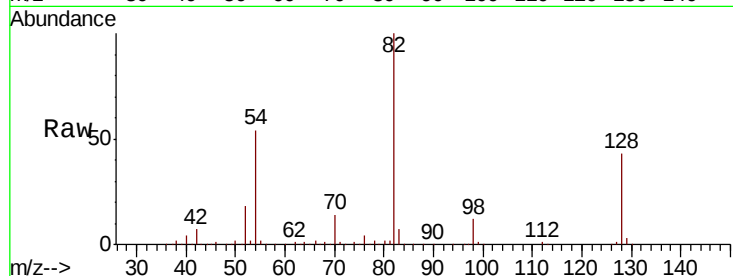
Tot Ion: 82 Resp: 936205

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: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

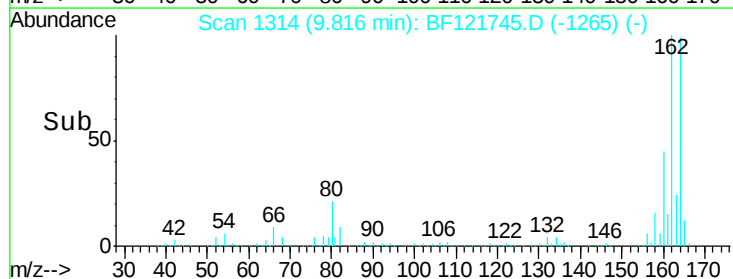
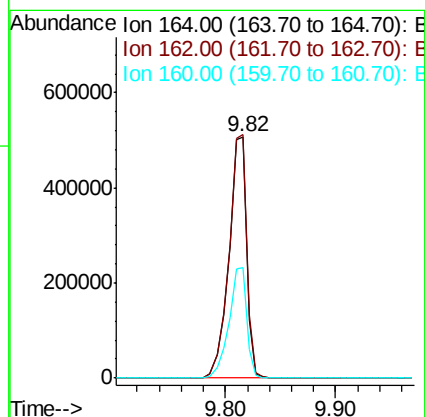
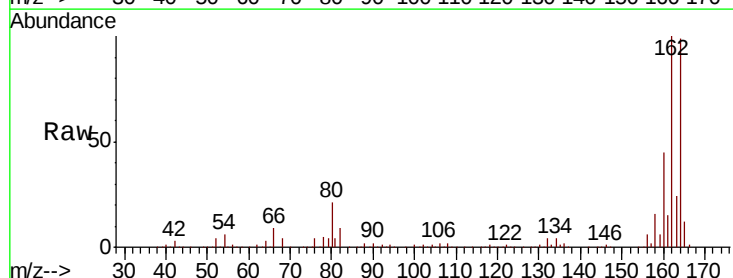
Tgt Ion: 164 Resp: 571755

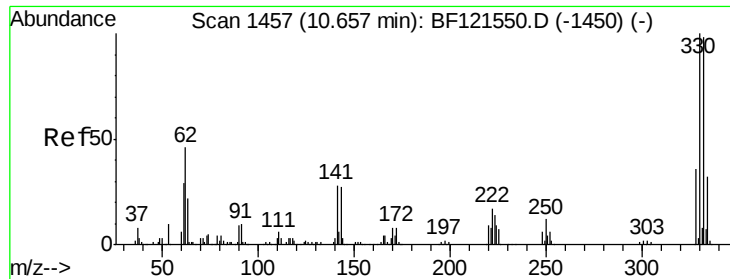
Ion Ratio Lower Upper

164 100

162 101.0 80.6 121.0

160 45.6 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 65.952 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

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ClientSampleId :

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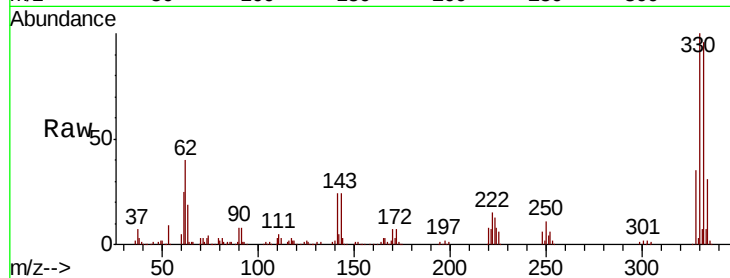
Tot Ion:330 Resp: 468667

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

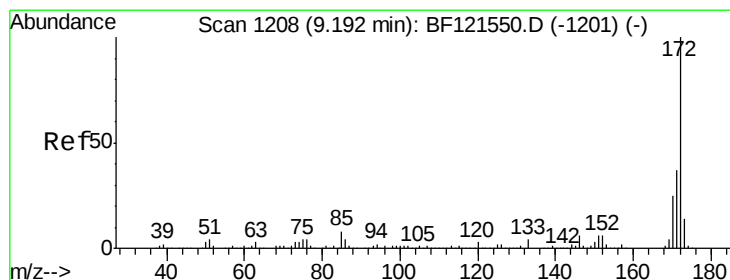
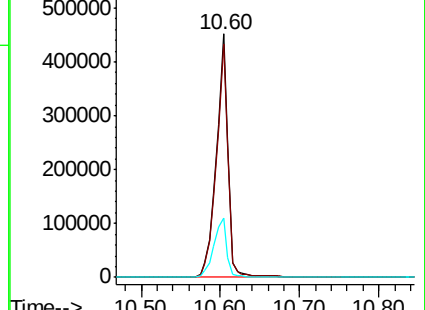
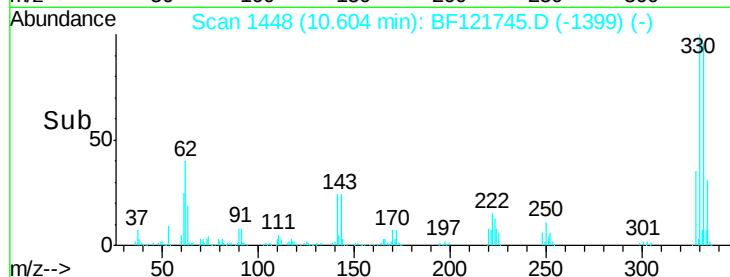
141 27.2 22.9 34.3



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: 45.000 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

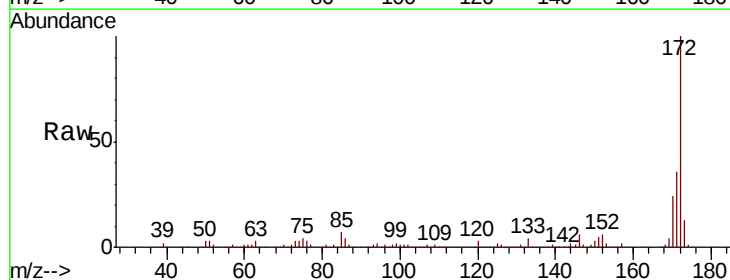
Tgt Ion:172 Resp: 1698818

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

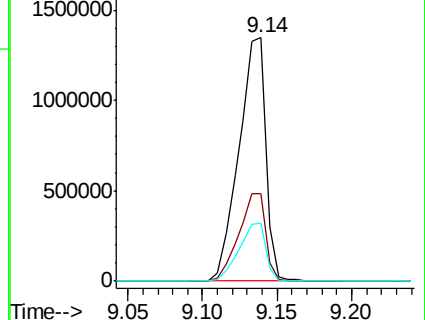
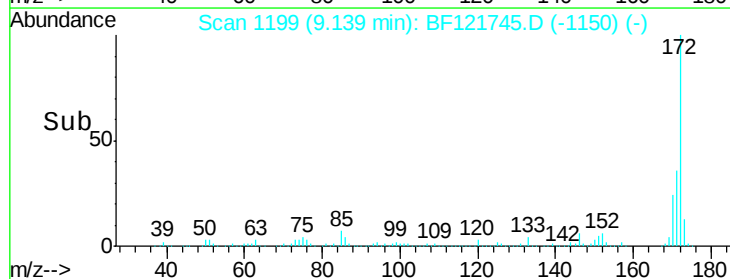
170 23.9 19.7 29.5

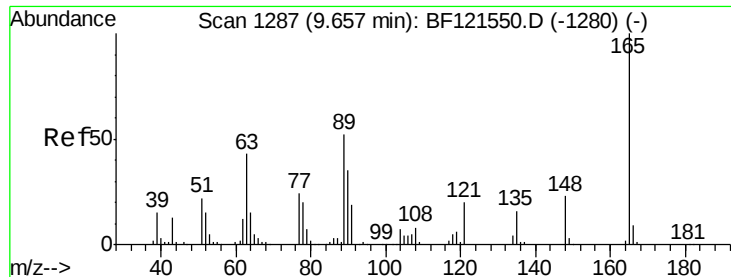


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

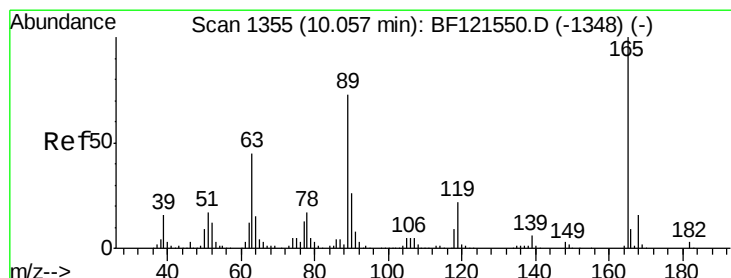
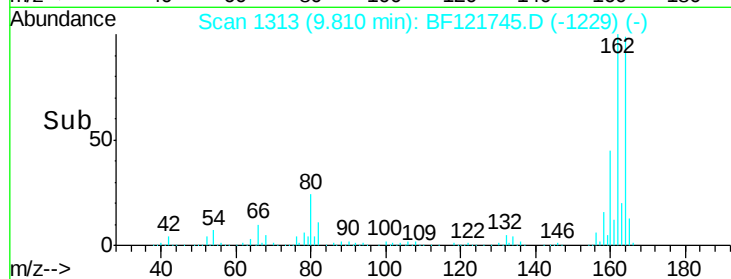
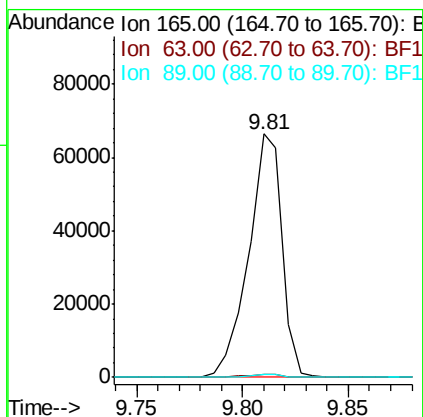
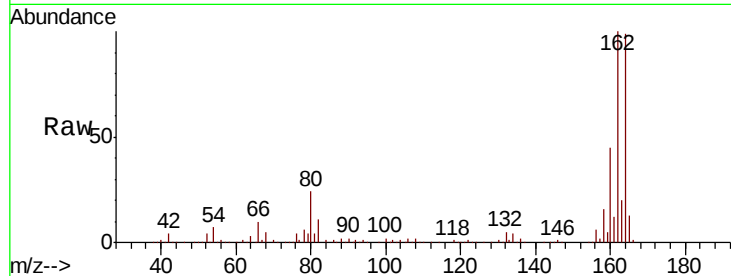




#51
 2,6-Dinitrotoluene
 Concen: 8.280 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.19 min
 Lab File: BF121745.D
 Acq: 30 Sep 2020 18:33

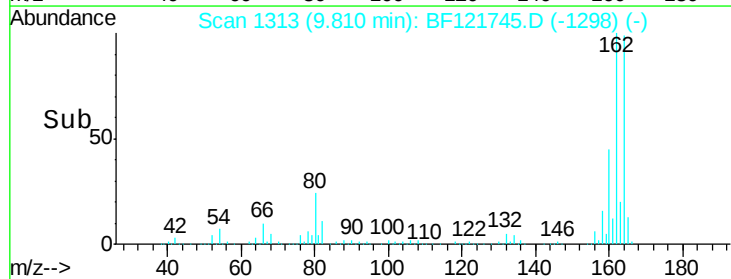
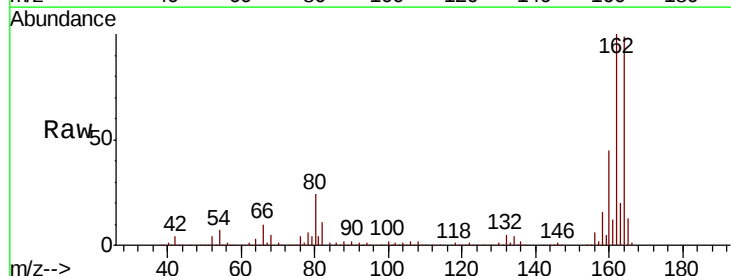
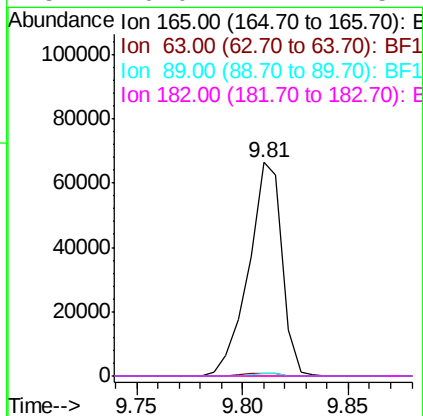
Instrument :
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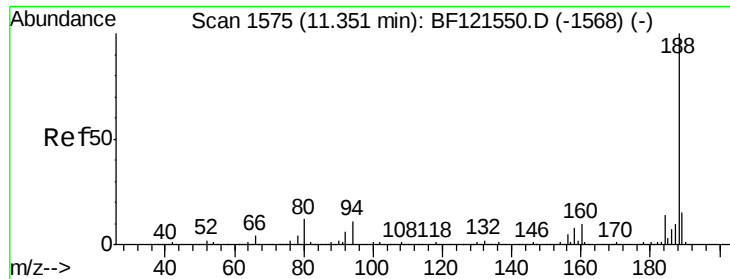
Tot Ion	165	Resp	73072
Ion Ratio	100	Lower	Upper
63	1.4	43.8	65.6#
89	1.3	43.0	64.4#



#57
 2,4-Dinitrotoluene
 Concen: 6.581 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.21 min
 Lab File: BF121745.D
 Acq: 30 Sep 2020 18:33

Tgt Ion	165	Resp	73072
Ion Ratio	100	Lower	Upper
63	1.4	39.0	58.6#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

BNA_F

ClientSampleId :

PB132004TB

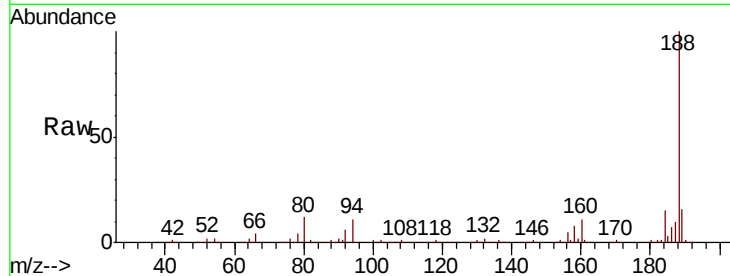
Tot Ion:188 Resp: 1119555

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.2

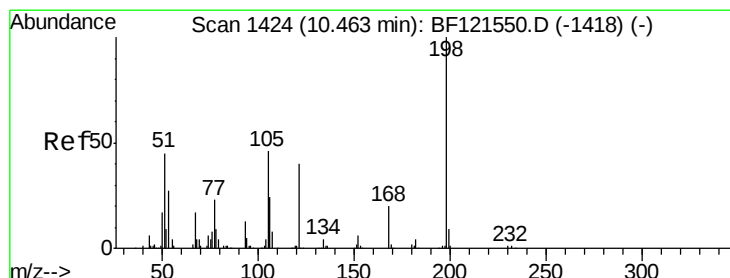
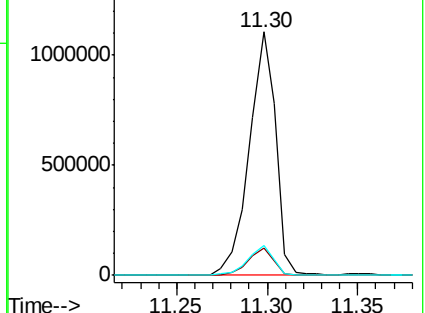
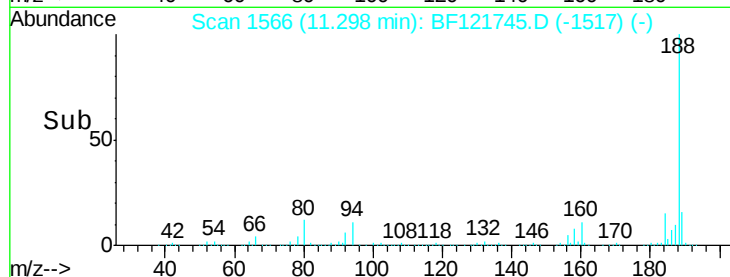
80 12.1 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 6.961 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.18 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

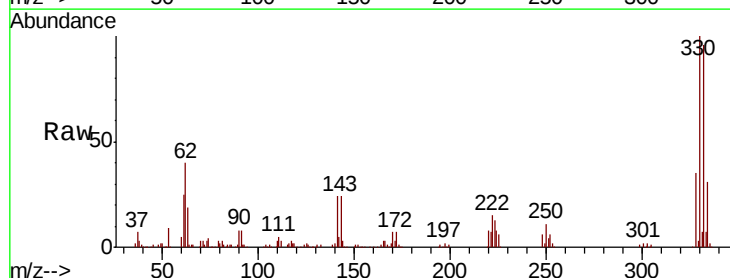
Tgt Ion:198 Resp: 869

Ion Ratio Lower Upper

198 100

51 152.2 34.7 74.7#

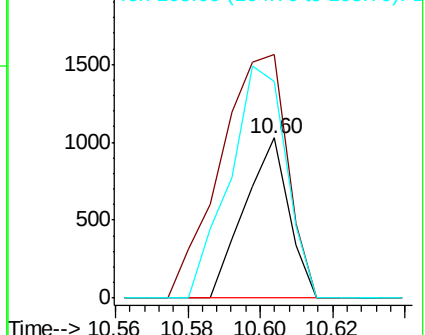
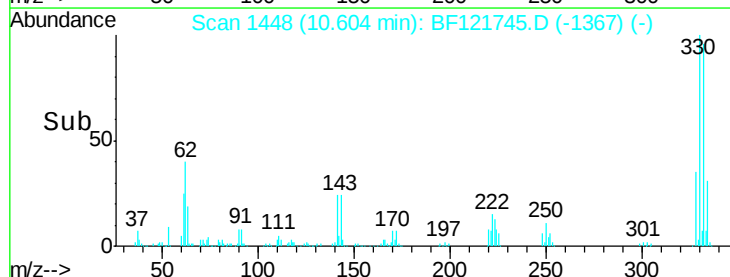
105 135.5 27.8 67.8#

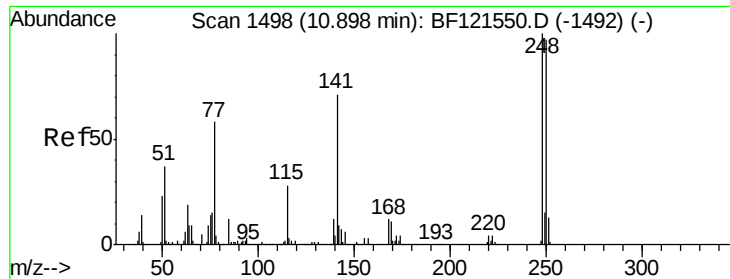


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

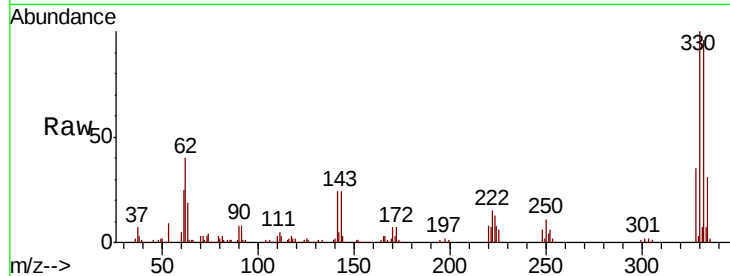




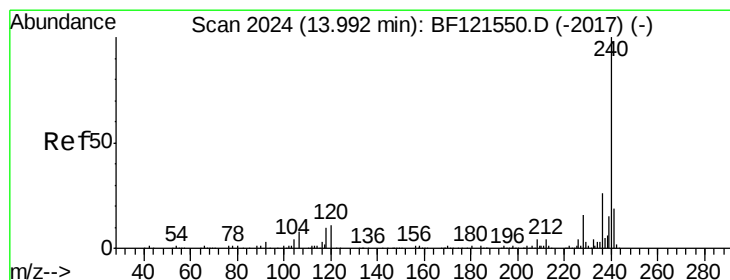
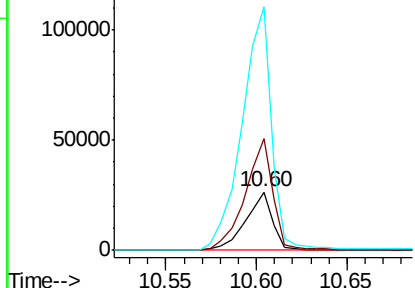
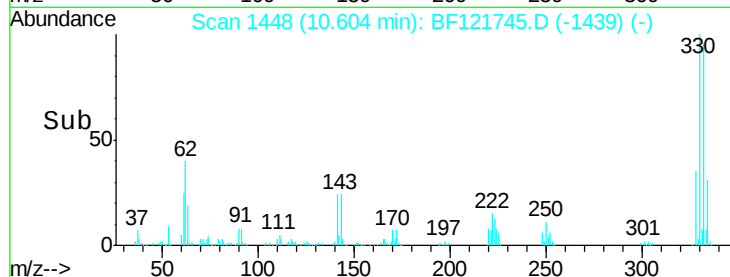
#67
4-Bromophenyl-phenylether
Concen: 2.139 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF121745.D
Acq: 30 Sep 2020 18:33

Instrument :
BNA_F
ClientSampled :
PB132004TB

Tot Ion:248 Resp: 27265
Ion Ratio Lower Upper
248 100
250 191.5 78.6 118.0#
141 416.7 60.0 90.0#

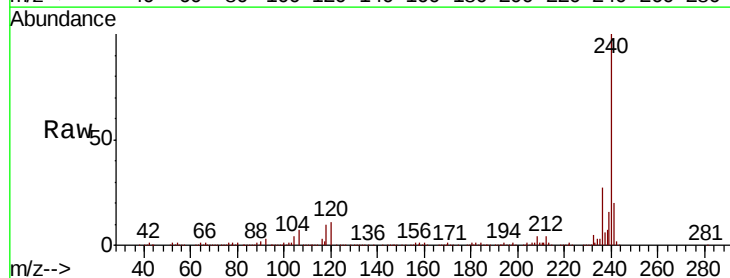


Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

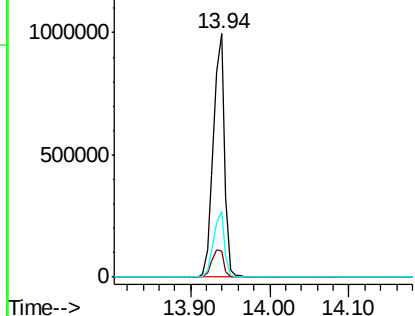
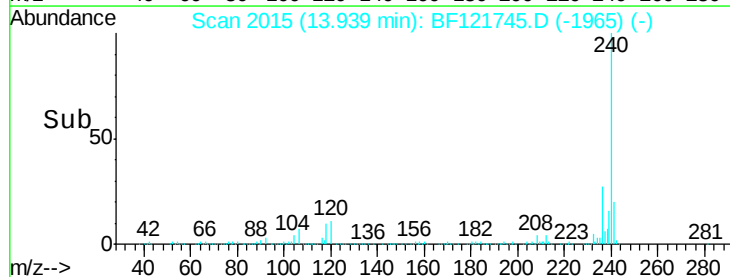


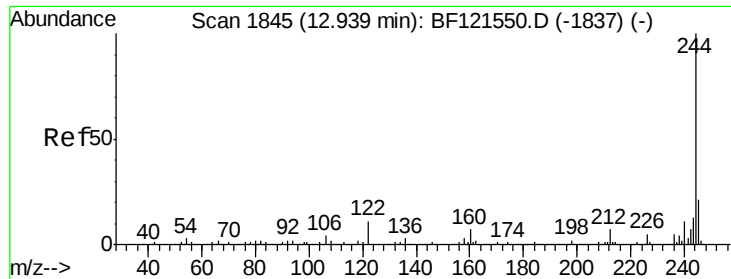
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF121745.D
Acq: 30 Sep 2020 18:33

Tgt Ion:240 Resp: 975074
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 26.8 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
1000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 42.909 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

Instrument :

BNA_F

ClientSampleId :

PB132004TB

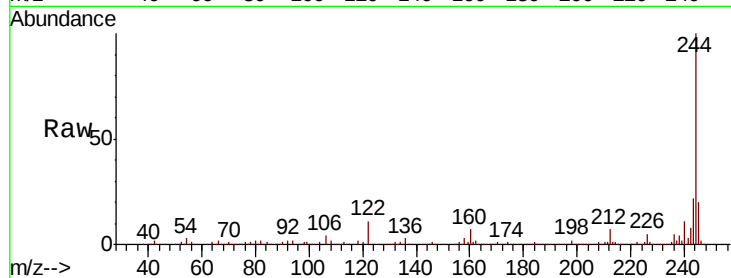
Tot Ion:244 Resp: 2065245

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

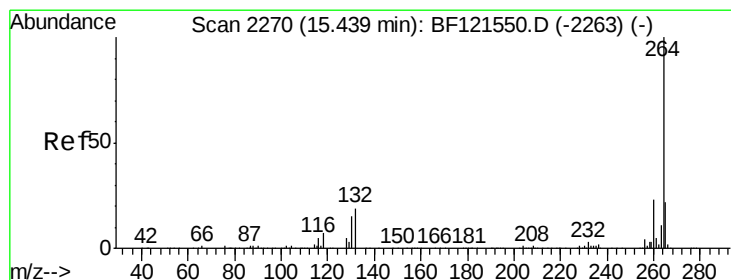
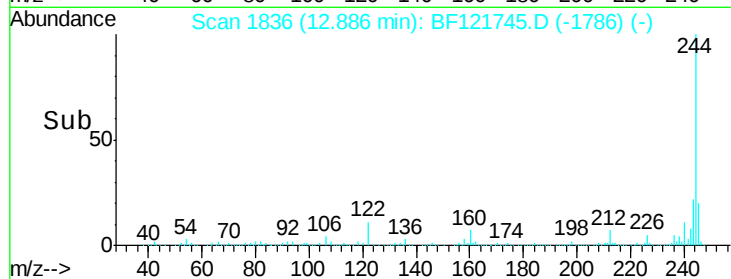
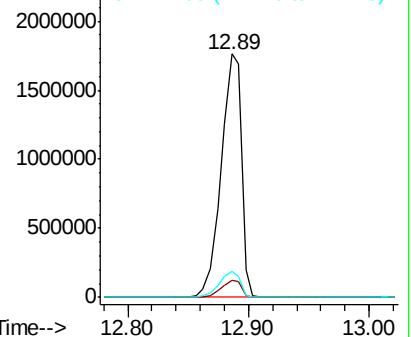
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF121745.D

Acq: 30 Sep 2020 18:33

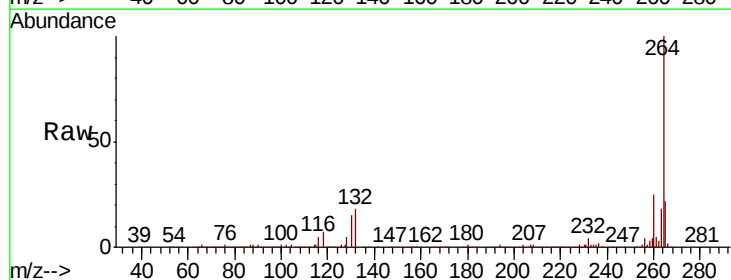
Tgt Ion:264 Resp: 826152

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 22.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

