

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115090.D
 Acq On : 21 Jun 2019 20:58
 Operator : HP/JU
 Sample : PB120747BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 04:55:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	269457	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1031252	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	512351	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	1047215	20.00	ng	0.00
76) Chrysene-d12	13.74	240	873063	20.00	ng	-0.01
87) Perylene-d12	15.11	264	921463	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.22	112	1901890	108.92	ng	0.01
7) Phenol-d6	6.25	99	2372888	111.96	ng	0.00
23) Nitrobenzene-d5	7.18	82	1434377	85.56	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	655077	121.24	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	2573031	85.30	ng	0.00
79) Terphenyl-d14	12.71	244	3062154	74.57	ng	0.00

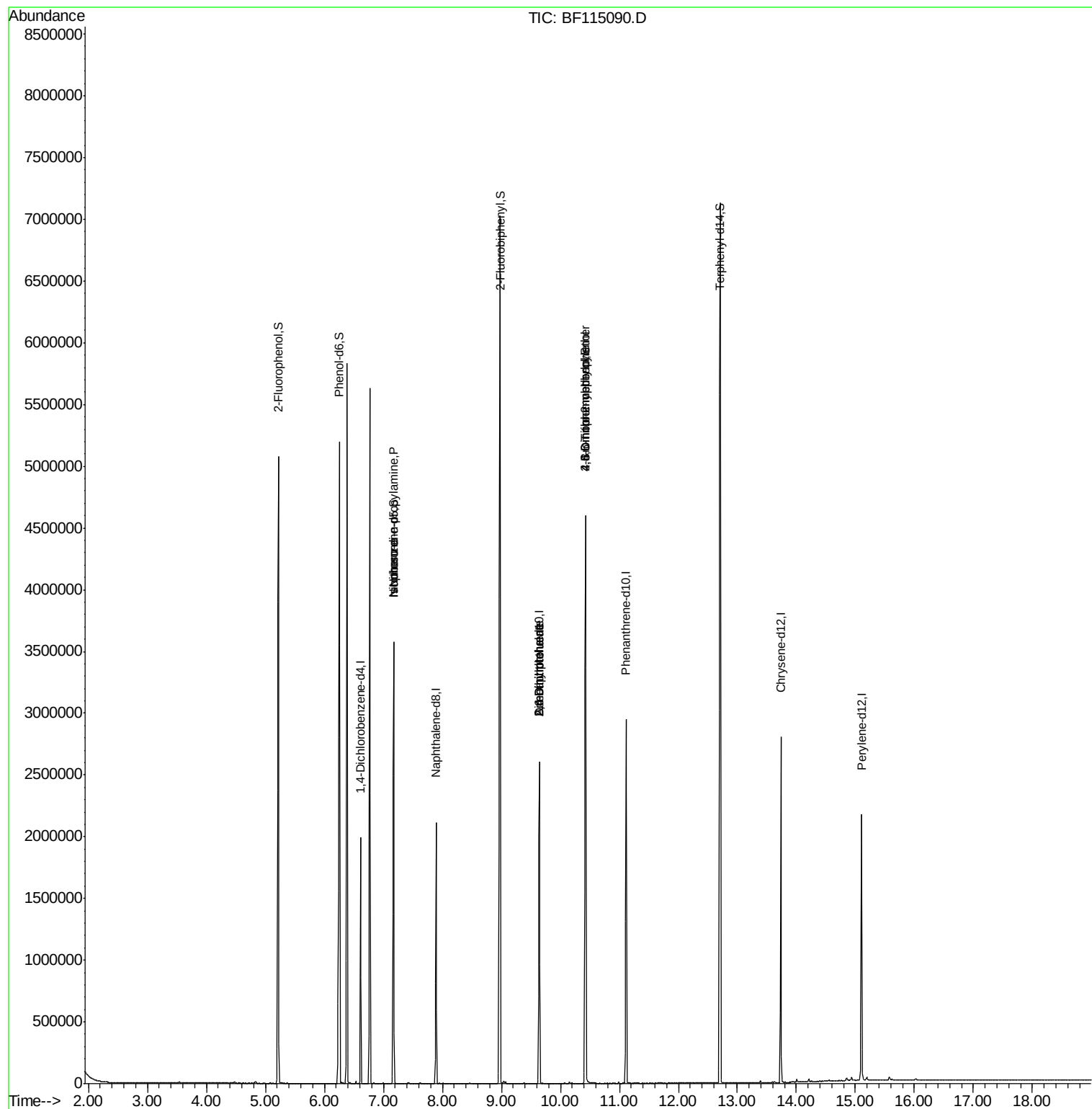
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.18	70	191052	14.081	ng	# 76
25) Isophorone	7.18	82	1372385	39.962	ng	# 63
50) Dimethylphthalate	9.64	163	147580	3.915	ng	# 1
51) 2,6-Dinitrotoluene	9.64	165	66096	7.595	ng	# 28
57) 2,4-Dinitrotoluene	9.64	165	66096	5.882	ng	# 30
58) Fluorene	10.42	166	29583	Below Cal		# 83
65) 4,6-Dinitro-2-methylphenol	10.42	198	1404	5.186	ng	# 1
67) 4-Bromophenyl-phenylether	10.42	248	41980	3.697	ng	# 1

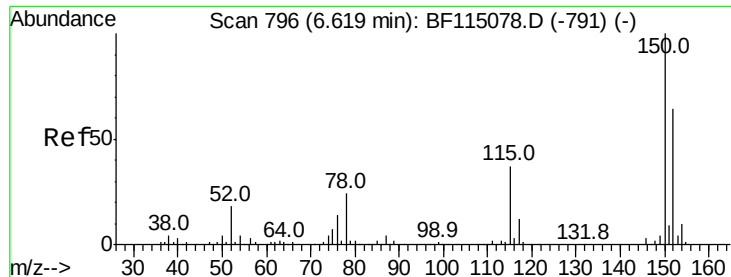
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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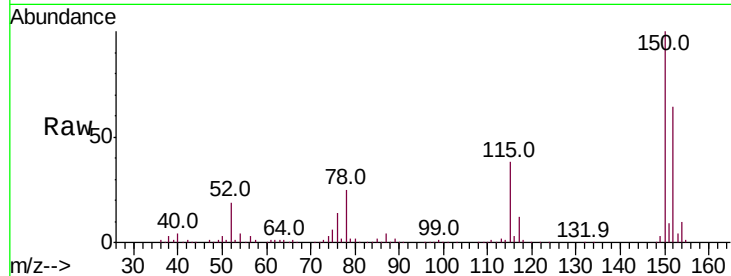


#1

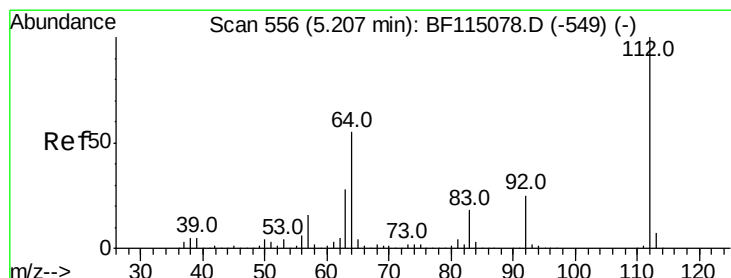
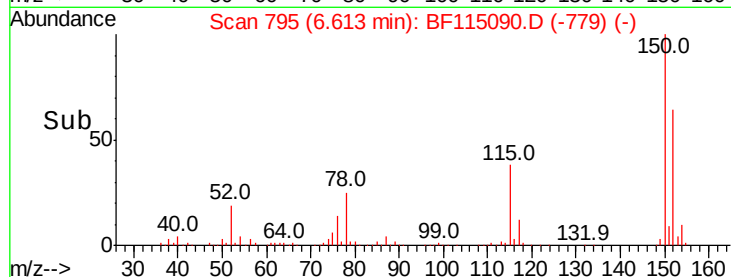
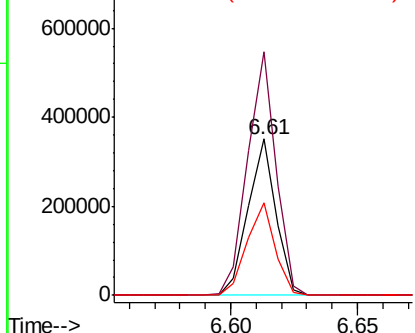
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 269457
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 59.1 46.1 69.1



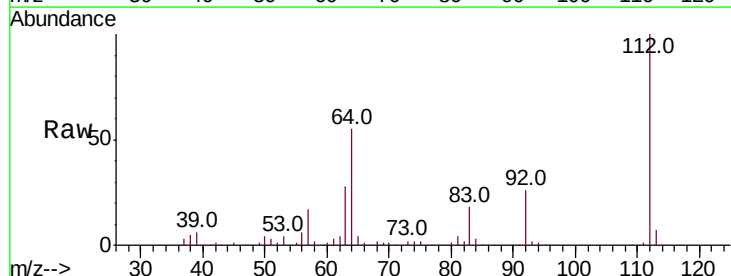
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



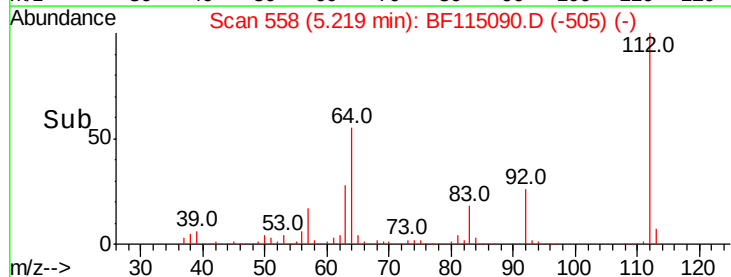
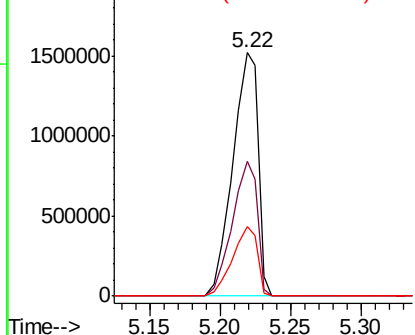
#5

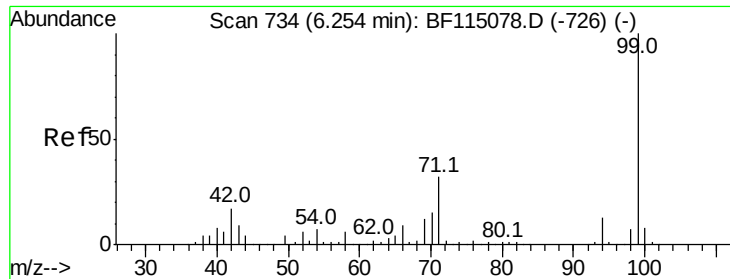
2-Fluorophenol
Concen: 108.920 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:112 Resp: 1901890
Ion Ratio Lower Upper
112 100
64 55.4 43.8 65.6
63 28.4 22.2 33.4



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: 111.962 ng

RT: 6.25 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Instrument :

BNA_F

ClientSampled :

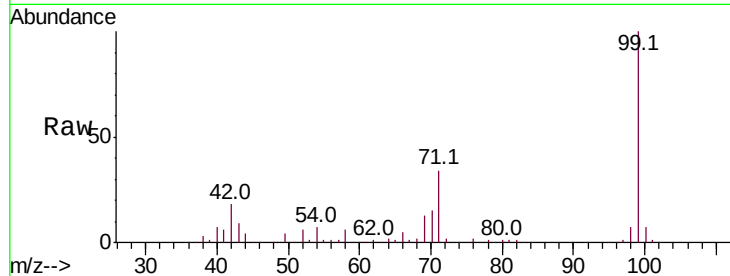
Tot Ion: 99 Resp: 2372888

Ion Ratio Lower Upper

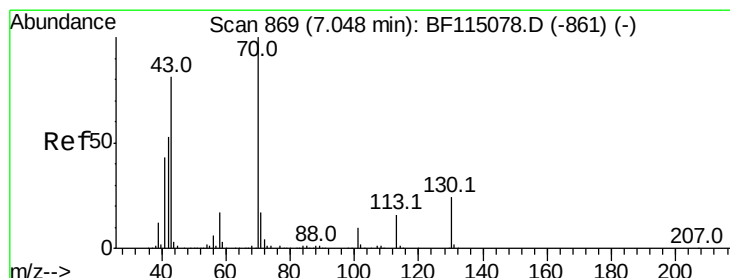
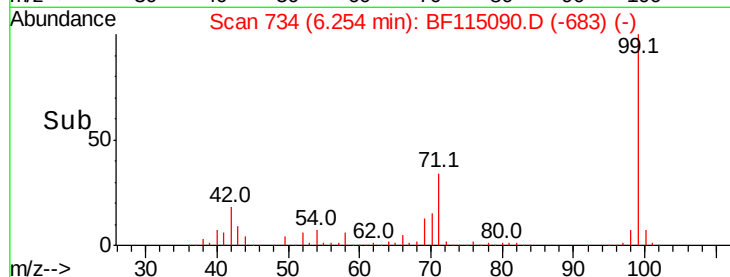
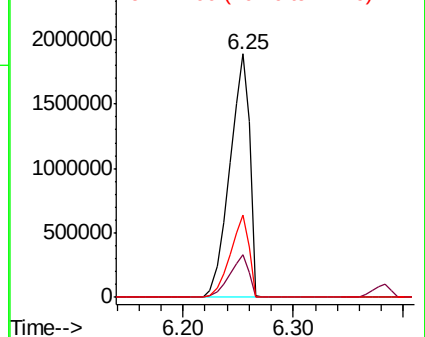
99 100

42 17.7 13.6 20.4

71 33.8 25.5 38.3



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: 14.081 ng

RT: 7.18 min Scan# 891

Delta R.T. 0.13 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Tgt Ion: 70 Resp: 191052

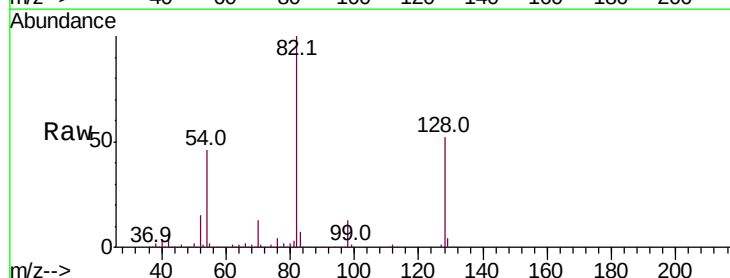
Ion Ratio Lower Upper

70 100

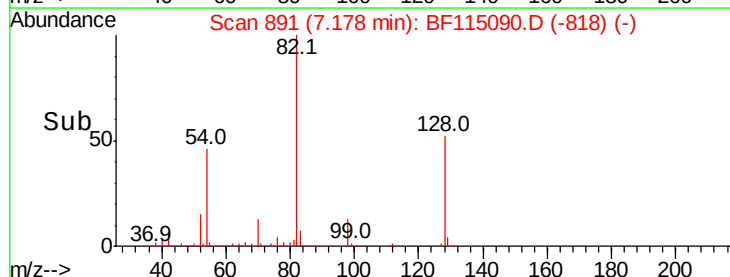
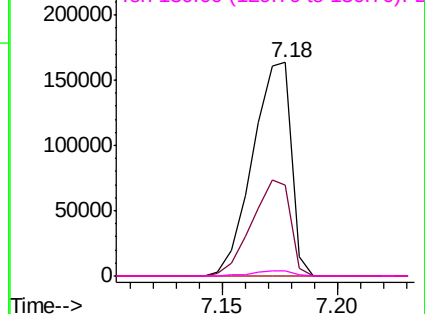
42 42.5 42.6 63.8#

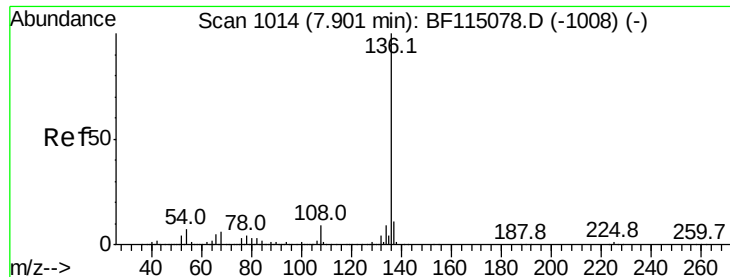
101 0.0 8.0 12.0#

130 2.5 19.4 29.0#



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



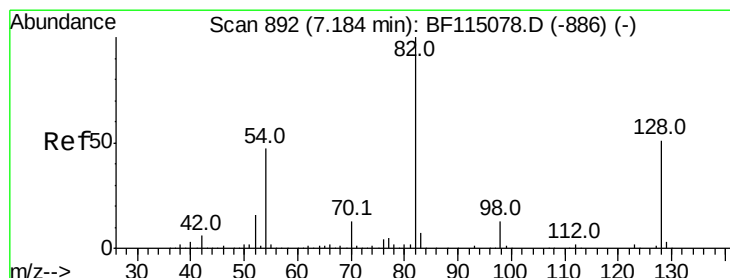
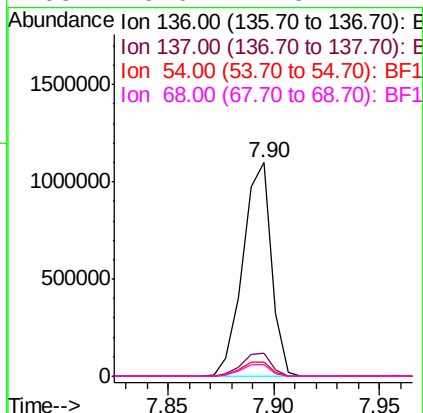
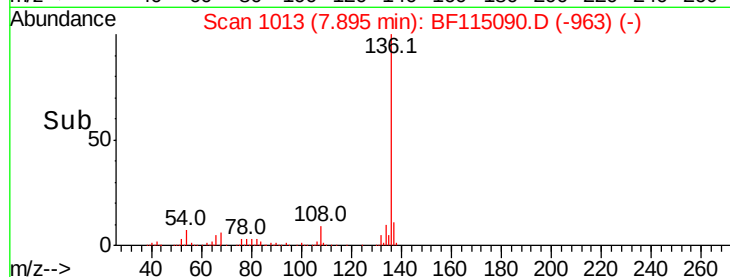
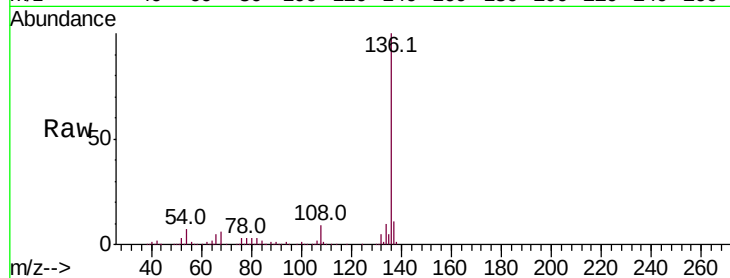


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1031252

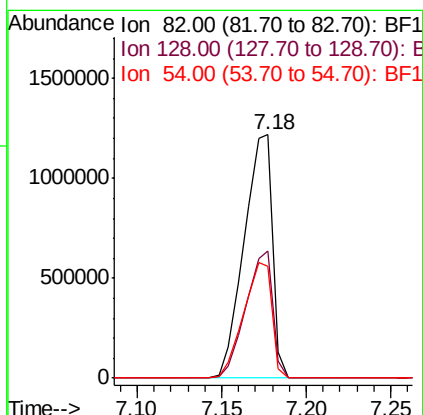
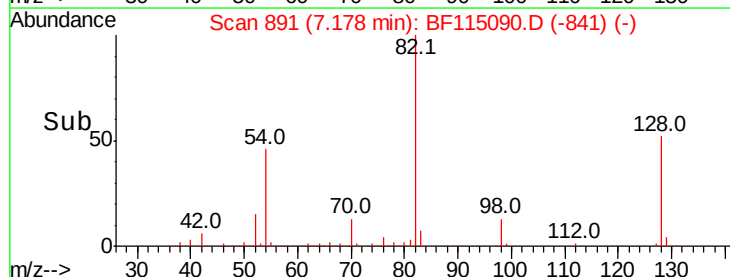
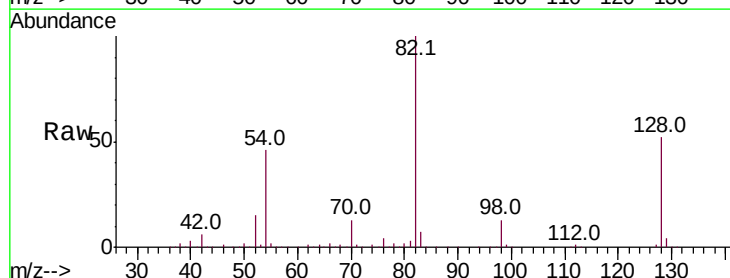
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.6	5.6	8.4
68	5.6	4.8	7.2

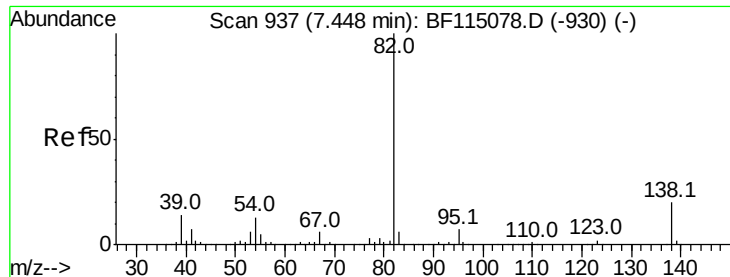


#23
Nitrobenzene-d5
Concen: 85.562 ng
RT: 7.18 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion: 82 Resp: 1434377

Ion	Ratio	Lower	Upper
82	100		
128	52.5	40.4	60.6
54	45.8	37.5	56.3





#25

Isophorone

Concen: 39.962 ng

RT: 7.18 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Instrument :

BNA_F

ClientSampleId :

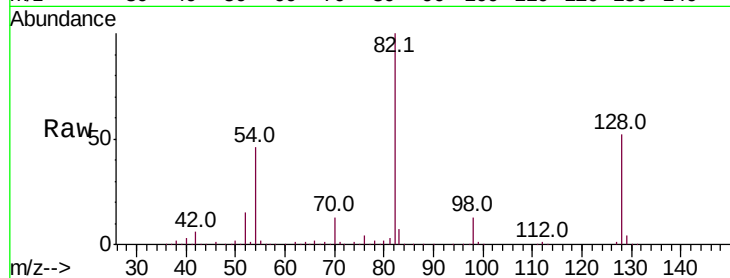
Tot Ion: 82 Resp: 1372385

Ion Ratio Lower Upper

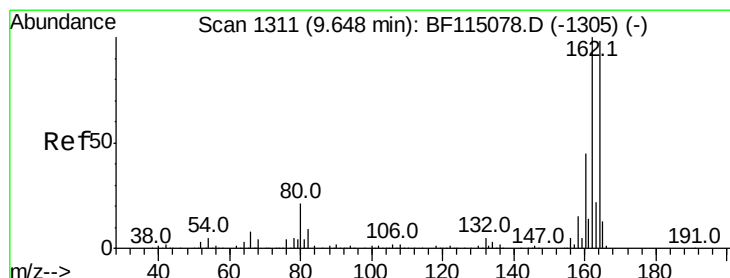
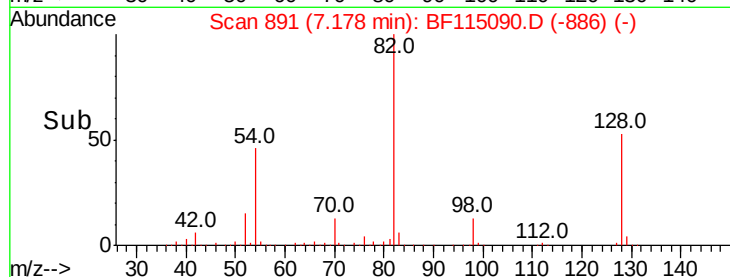
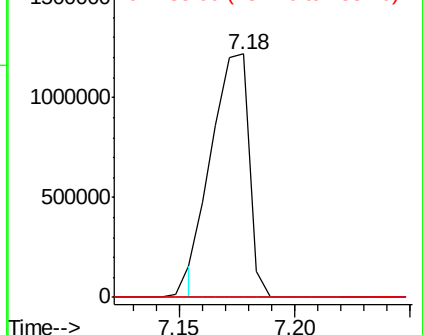
82 100

95 0.0 5.4 8.2#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

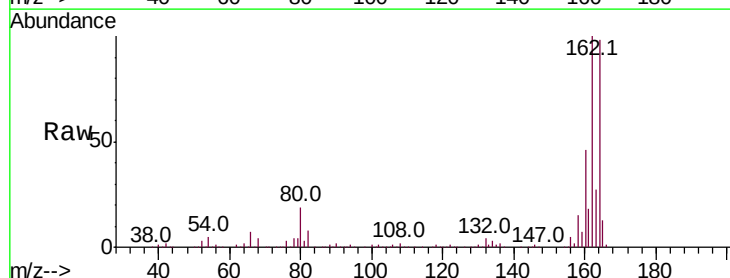
Tgt Ion:164 Resp: 512351

Ion Ratio Lower Upper

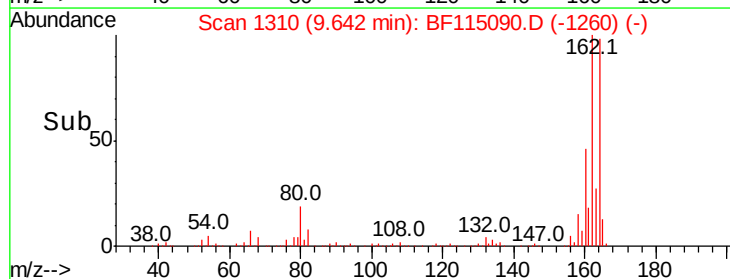
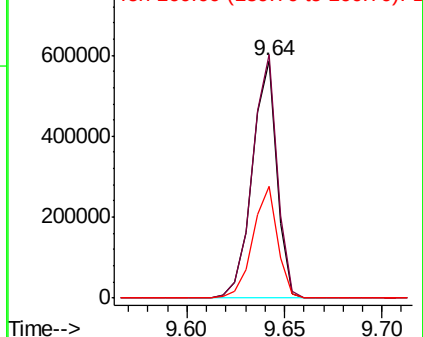
164 100

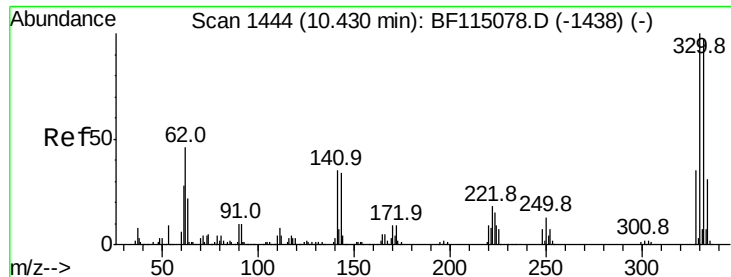
162 102.5 81.7 122.5

160 46.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

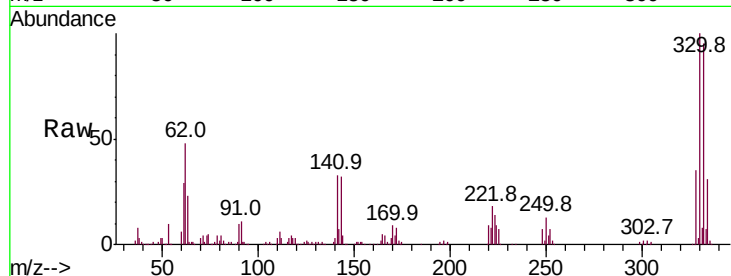




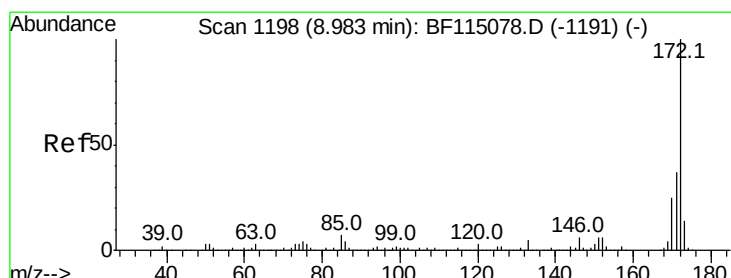
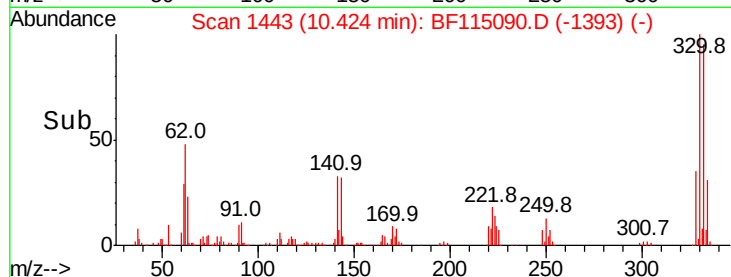
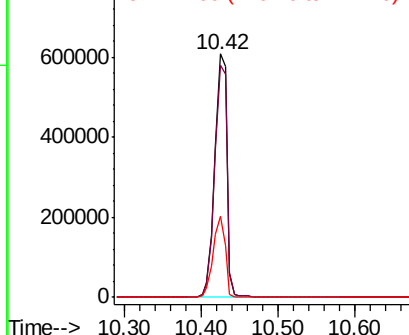
#42
 2,4,6-Tribromophenol
 Concen: 121.245 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115090.D
 Acq: 21 Jun 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 655077
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.3 115.9
 141 33.1 28.2 42.2

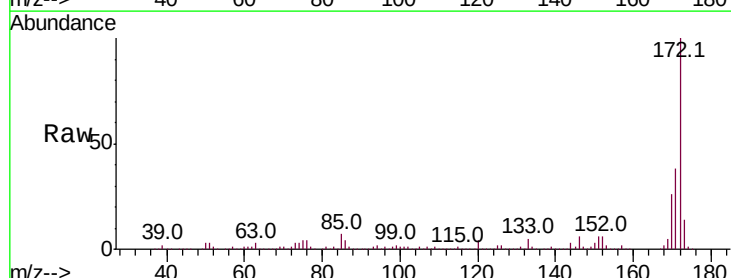


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

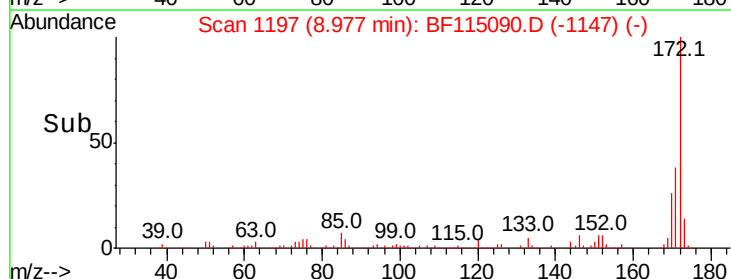
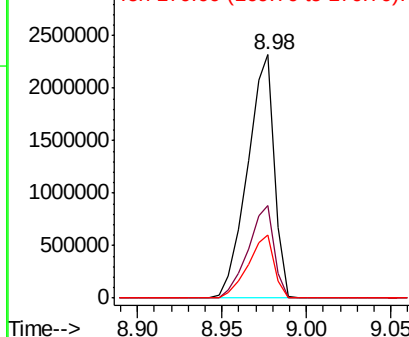


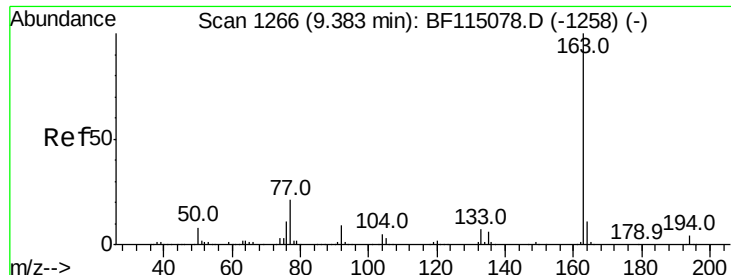
#45
 2-Fluorobiphenyl
 Concen: 85.305 ng
 RT: 8.98 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF115090.D
 Acq: 21 Jun 2019 20:58

Tgt Ion:172 Resp: 2573031
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.8 44.6
 170 25.9 20.3 30.5



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

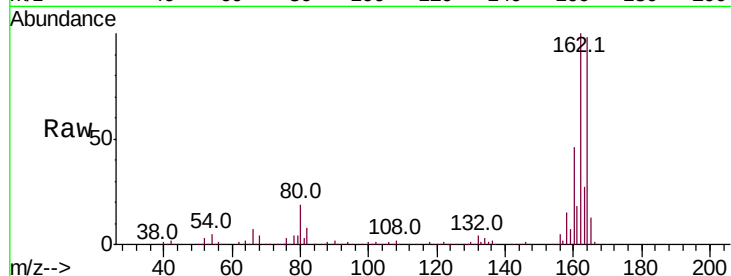




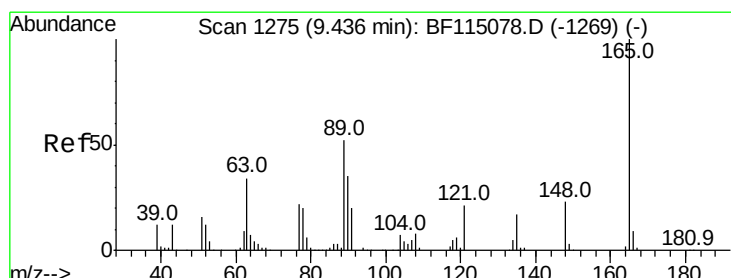
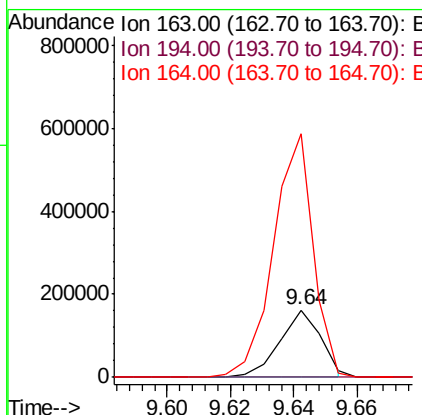
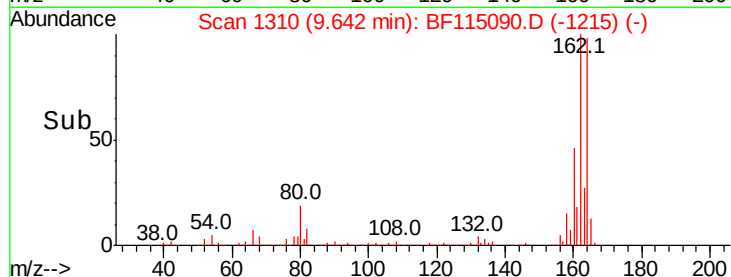
#50
Dimethylphthalate
Concen: 3.915 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.26 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 147580
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 360.8 8.6 13.0#

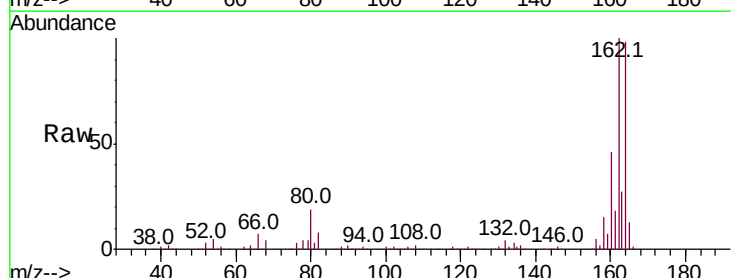


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

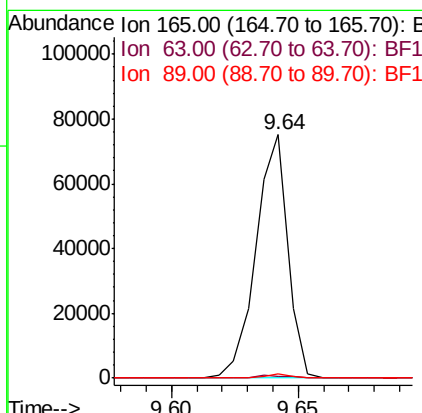
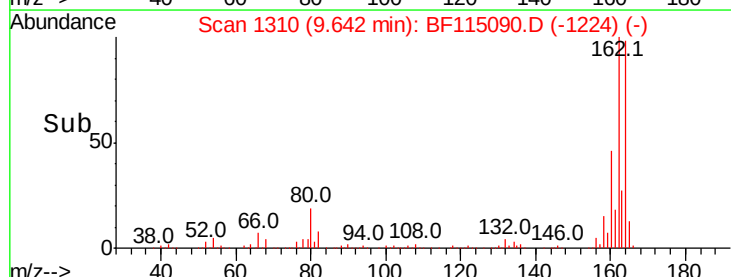


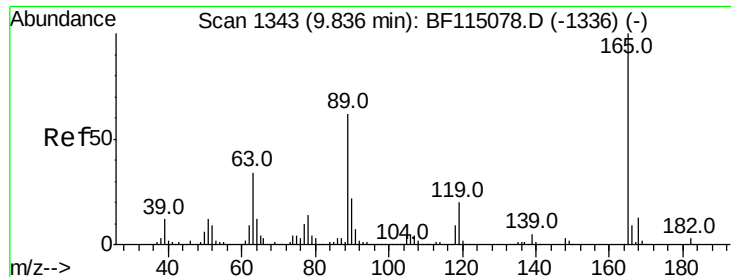
#51
2,6-Dinitrotoluene
Concen: 7.595 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:165 Resp: 66096
Ion Ratio Lower Upper
165 100
63 0.8 39.4 59.2#
89 1.6 42.0 63.0#



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

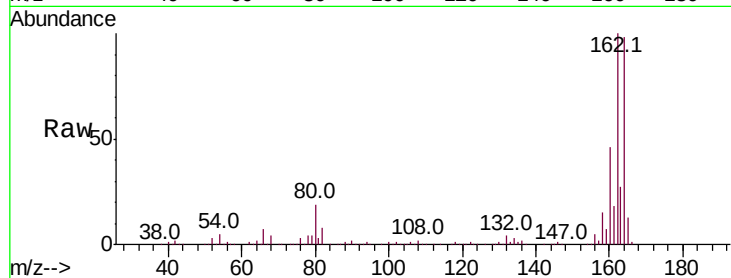




#57
2,4-Dinitrotoluene
Concen: 5.882 ng
RT: 9.64 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.5	41.3#
89	1.6	49.9	74.9#
182	0.0	2.1	3.1#



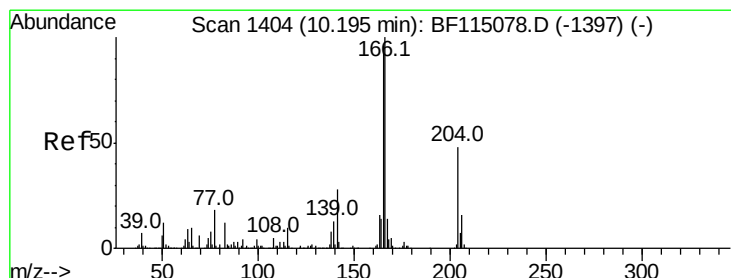
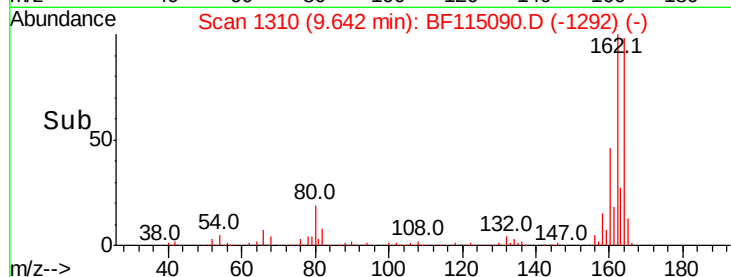
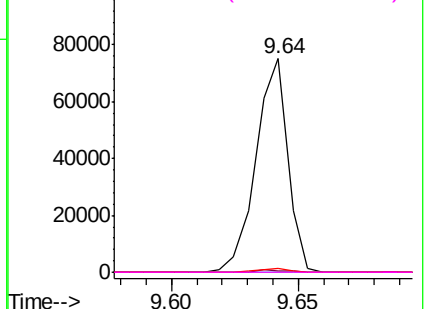
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

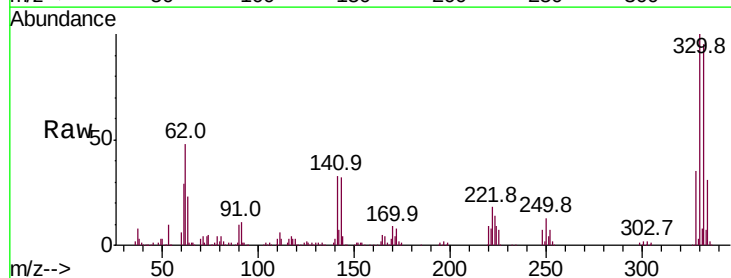
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: Below Cal
RT: 10.42 min Scan# 1443
Delta R.T. 0.23 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	107.5	76.5	114.7
167	34.0	11.0	16.4#

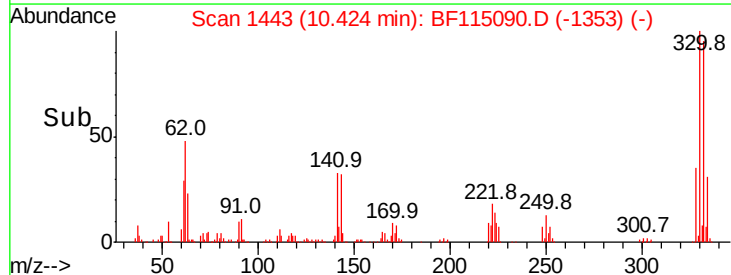
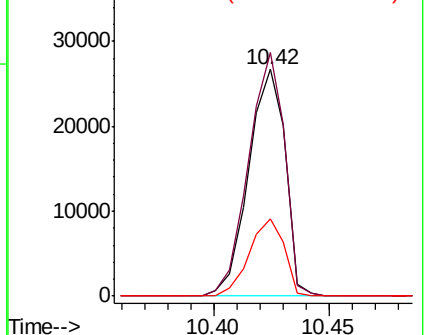


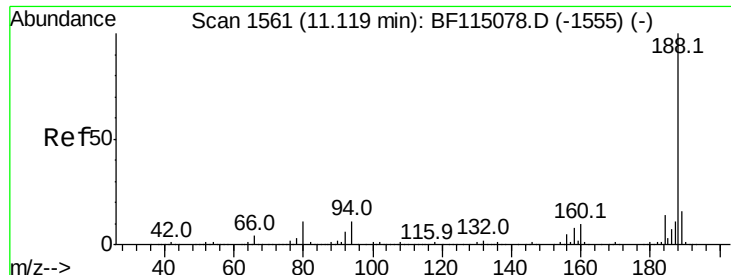
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

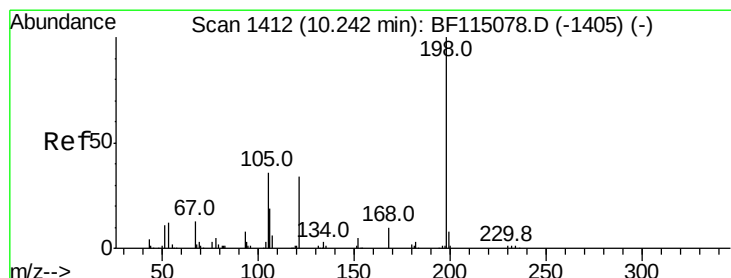
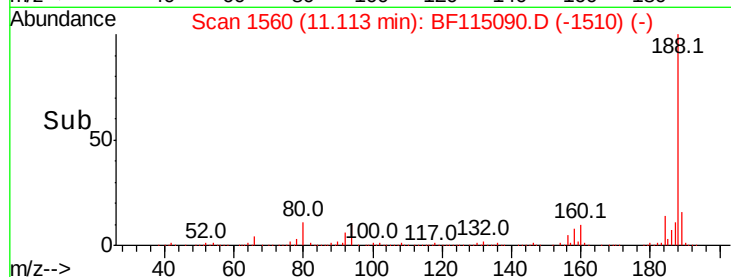
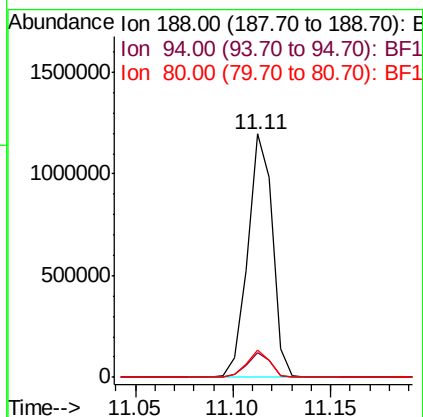
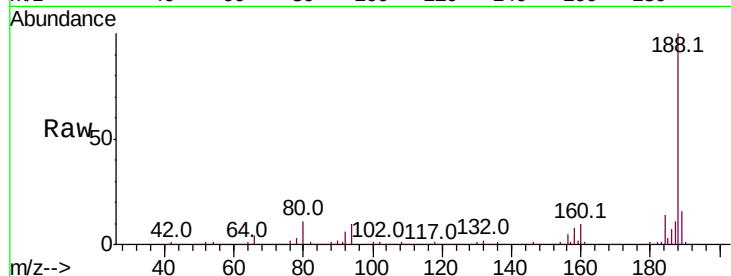




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

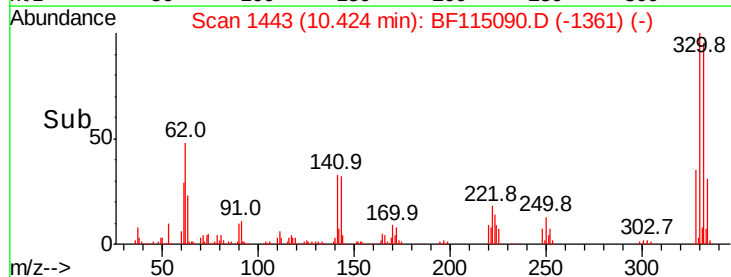
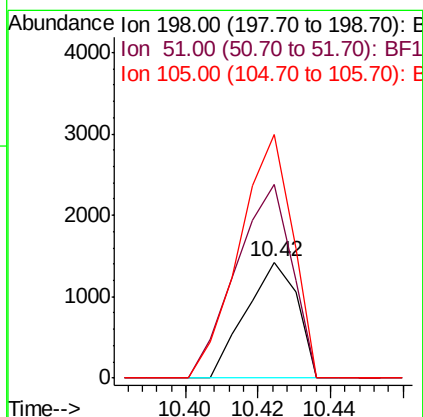
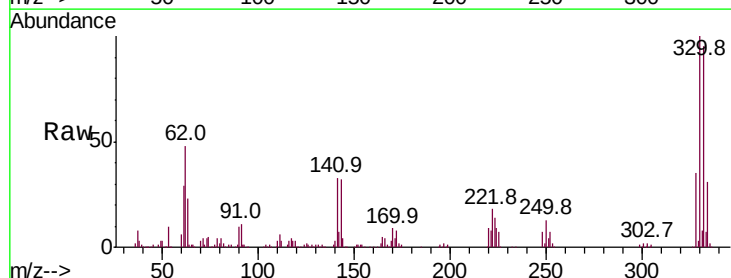
Instrument :
BNA_F
ClientSampleId :

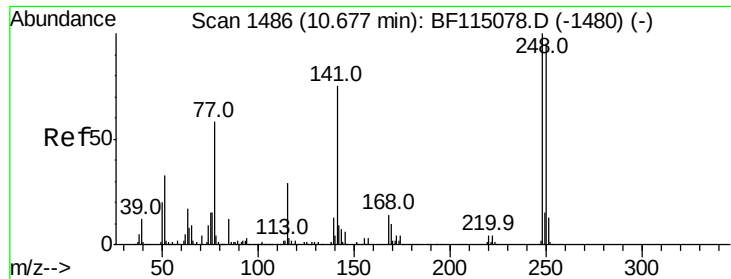
Tot Ion:188 Resp: 1047215
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 11.0 8.8 13.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.186 ng
RT: 10.42 min Scan# 1443
Delta R.T. 0.18 min
Lab File: BF115090.D
Acq: 21 Jun 2019 20:58

Tgt Ion:198 Resp: 1404
Ion Ratio Lower Upper
198 100
51 166.8 11.0 51.0#
105 209.9 17.3 57.3#





#67

4-Bromophenyl-phenylether

Concen: 3.697 ng

RT: 10.42 min Scan# 1443

Delta R.T. -0.25 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Instrument :

BNA_F

ClientSampled :

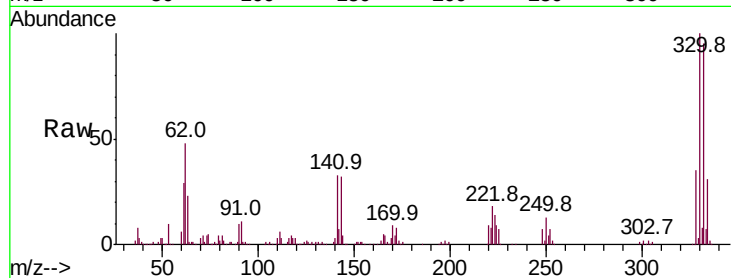
Tot Ion:248 Resp: 41980

Ion Ratio Lower Upper

248 100

250 199.2 76.2 114.2#

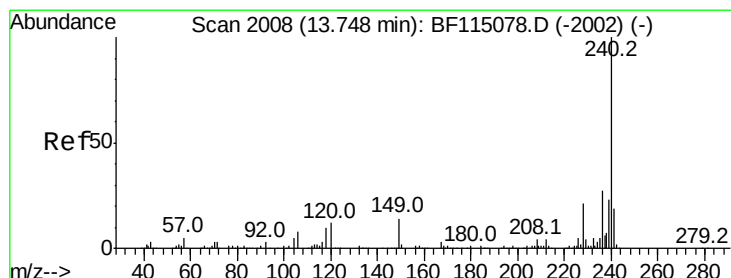
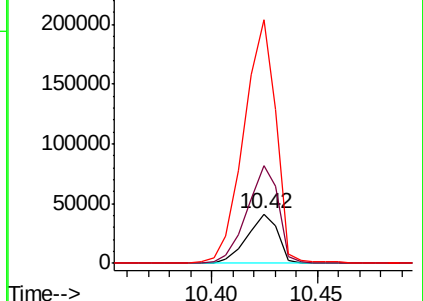
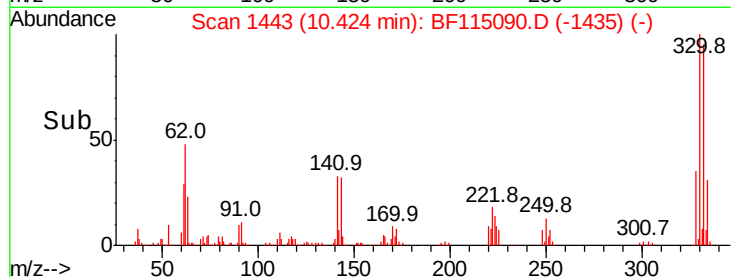
141 496.2 59.6 89.4#



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: 13.74 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

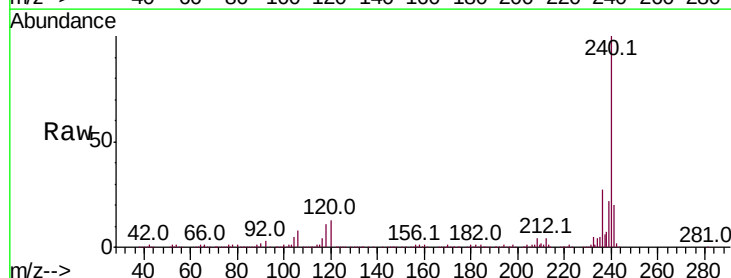
Tgt Ion:240 Resp: 873063

Ion Ratio Lower Upper

240 100

120 13.2 9.4 14.2

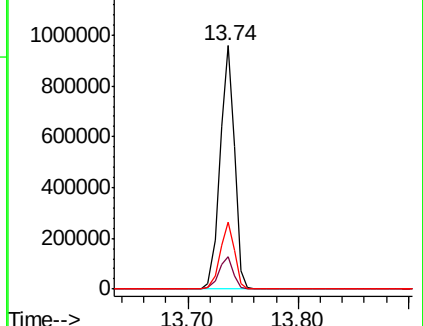
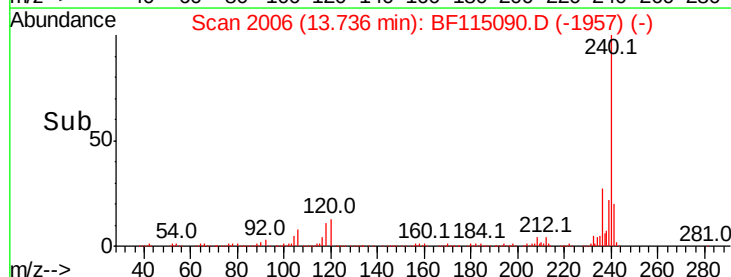
236 27.3 21.7 32.5

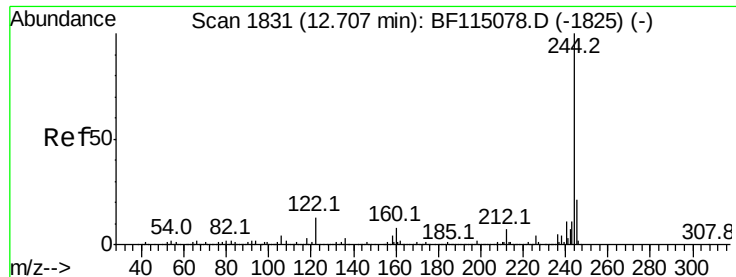


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.572 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

Instrument :

BNA_F

ClientSampleId :

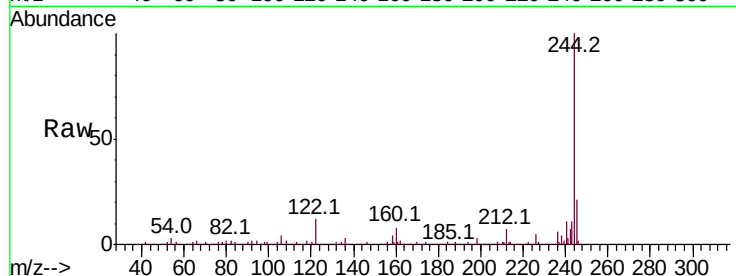
Tot Ion:244 Resp: 3062154

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

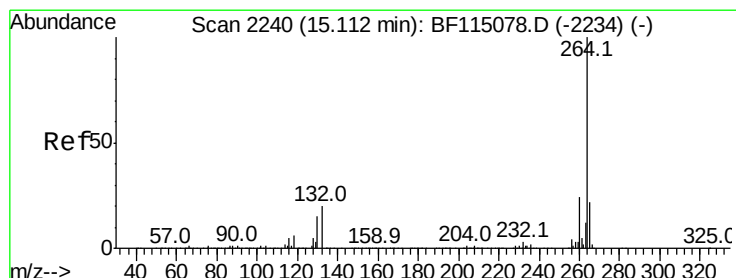
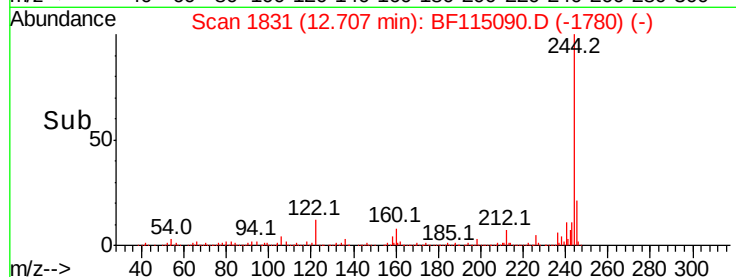
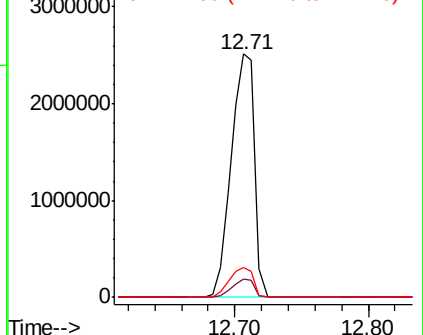
122 12.2 10.4 15.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.11 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BF115090.D

Acq: 21 Jun 2019 20:58

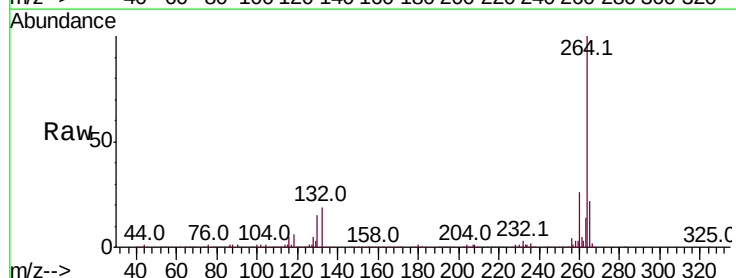
Tgt Ion:264 Resp: 921463

Ion Ratio Lower Upper

264 100

260 25.5 19.6 29.4

265 22.3 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

