

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117593.D
 Acq On : 29 Oct 2019 16:17
 Operator : JU
 Sample : K5568-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 03:31:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

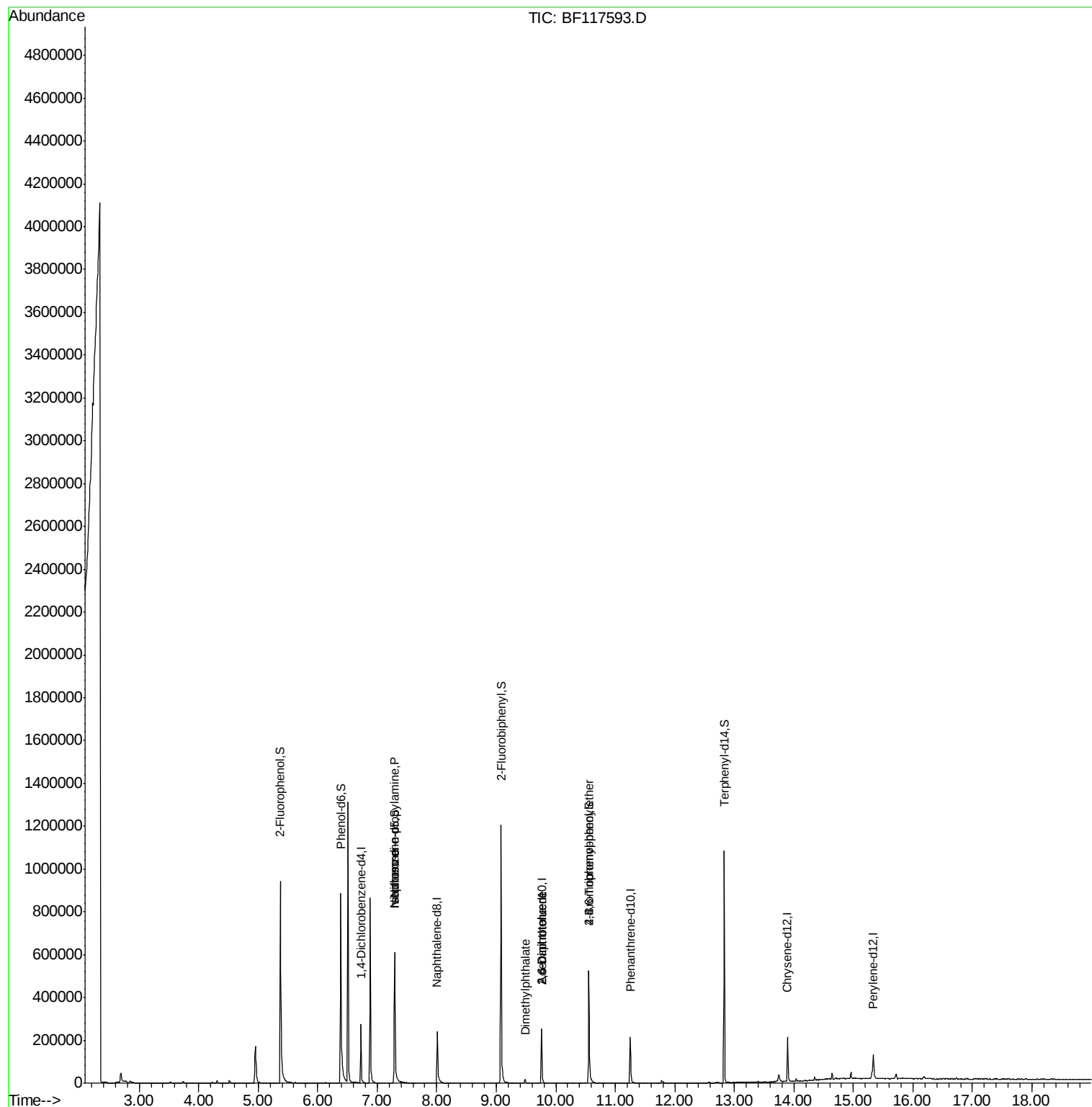
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41345	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	158574	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	68510	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	97532	20.00	ng	0.00
76) Chrysene-d12	13.89	240	75126	20.00	ng	0.00
87) Perylene-d12	15.33	264	62802	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	326785	117.59	ng	0.02
7) Phenol-d6	6.39	99	425005	113.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	266950	83.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	69139	116.63	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	428565	88.14	ng	-0.01
79) Terphenyl-d14	12.83	244	378681	82.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	261	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propylamine	7.29	70	34550	15.156 ng	#	79
25) Isophorone	7.29	82	266949	48.041 ng	#	65
50) Dimethylphthalate	9.49	163	11457	2.346 ng	#	99
51) 2,6-Dinitrotoluene	9.76	165	8322	8.165 ng	#	22
57) 2,4-Dinitrotoluene	9.76	165	8322	6.142 ng	#	12
67) 4-Bromophenyl-phenylether	10.56	248	4409	4.197 ng	#	1

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

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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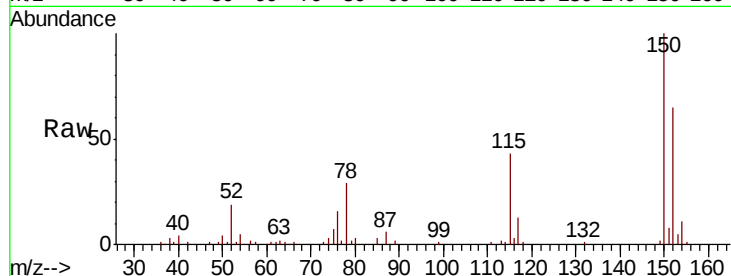


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.8	190.2
115	65.6	51.6	77.4

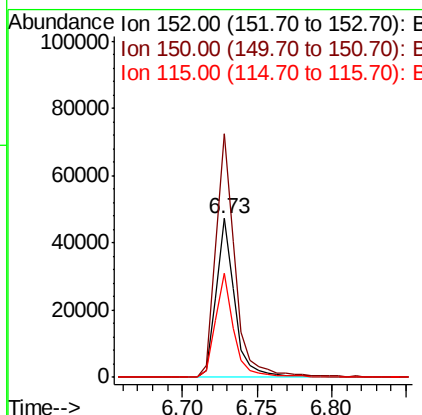
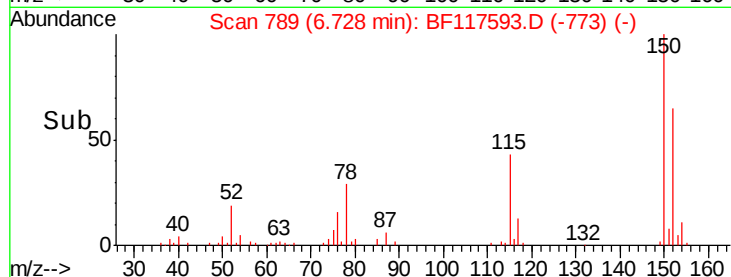


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

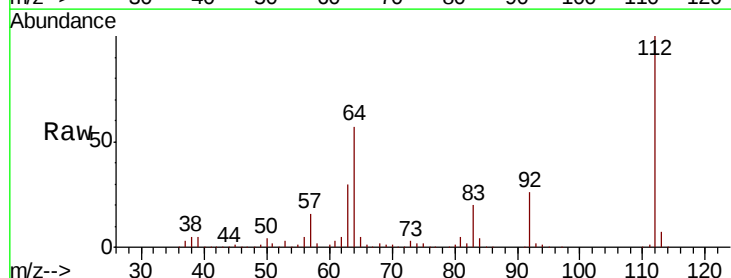
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 117.586 ng
 RT: 5.37 min Scan# 559
 Delta R.T. 0.02 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	30.0	23.4	35.2

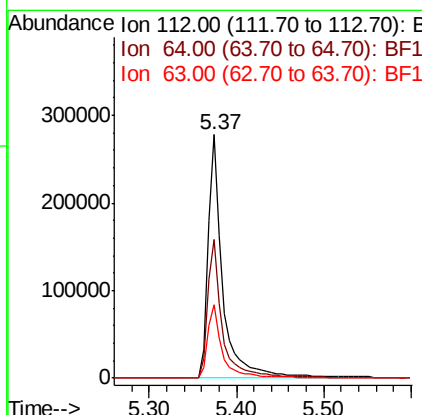
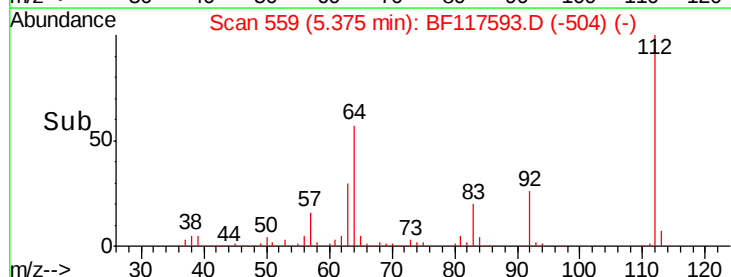


Abundance

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: 113.861 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

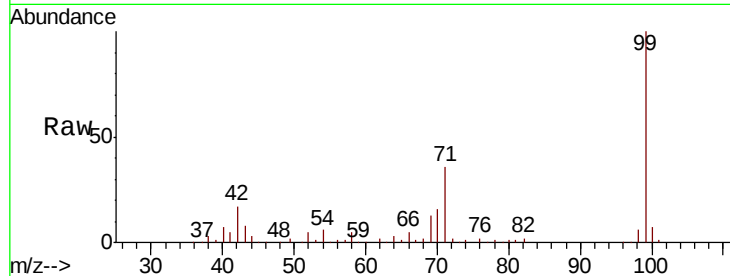
Tot Ion: 99 Resp: 425005

Ion Ratio Lower Upper

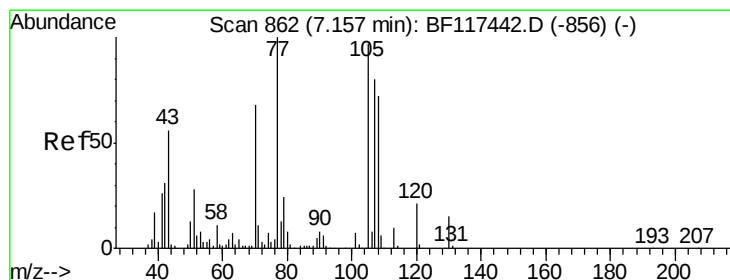
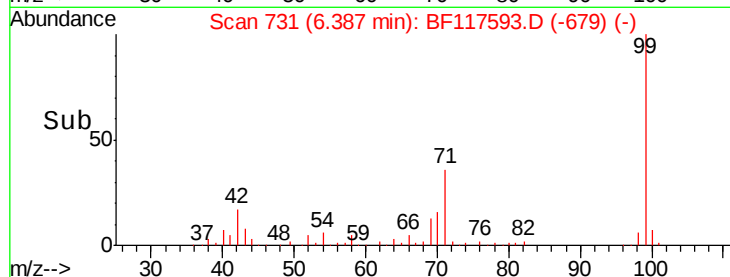
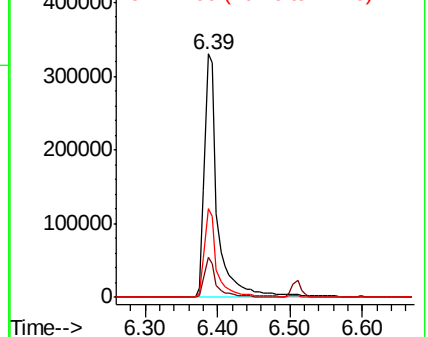
99 100

42 16.5 12.8 19.2

71 36.4 28.6 43.0



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: 15.156 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Tgt Ion: 70 Resp: 34550

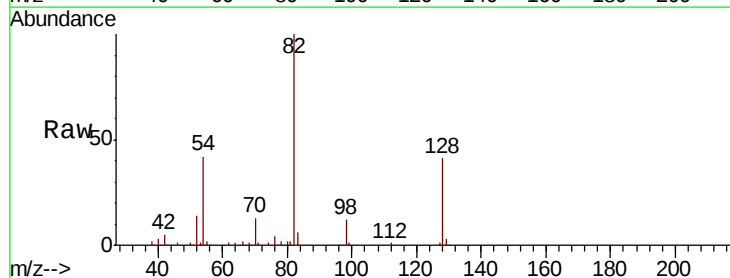
Ion Ratio Lower Upper

70 100

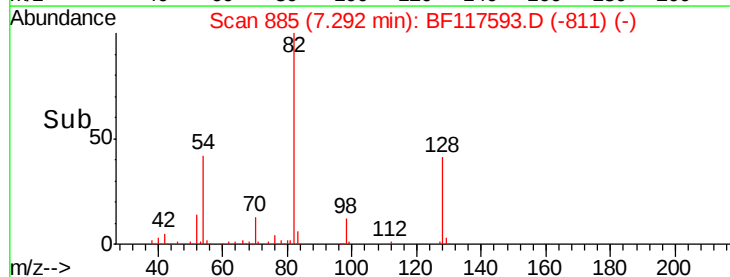
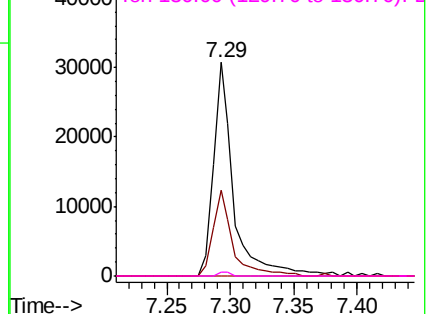
42 40.4 36.7 55.1

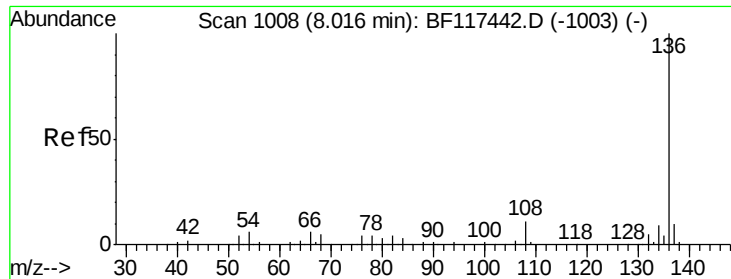
101 0.0 8.3 12.5#

130 1.8 18.1 27.1#



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): B
Ion 130.00 (129.70 to 130.70): B

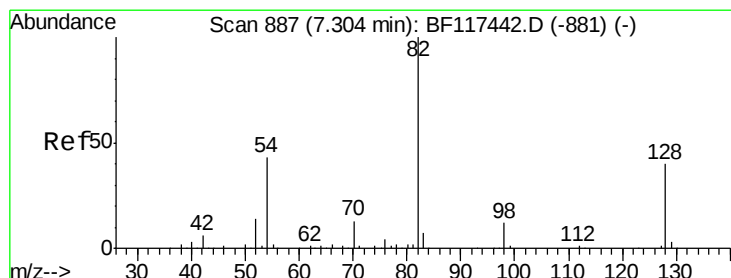
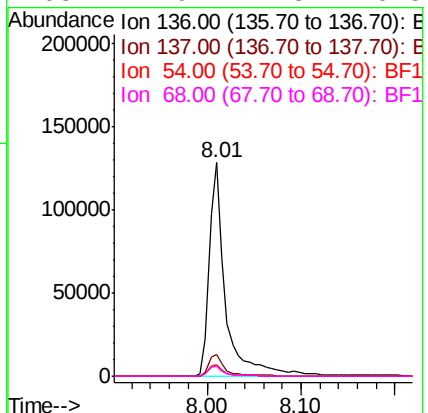
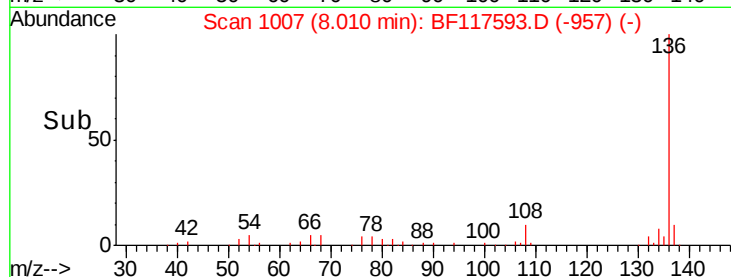
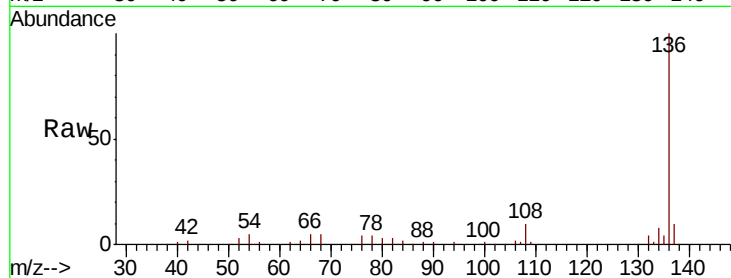




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

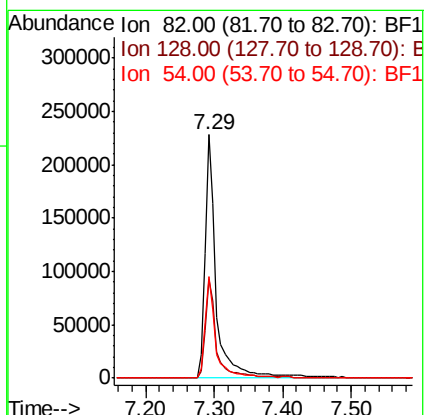
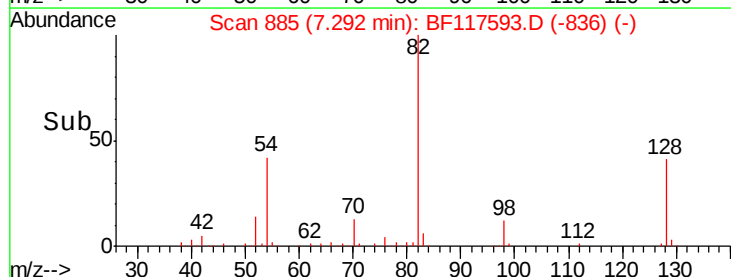
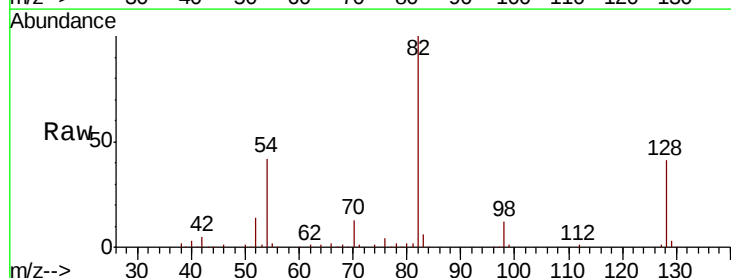
Instrument :
BNA_F
ClientSampleId :

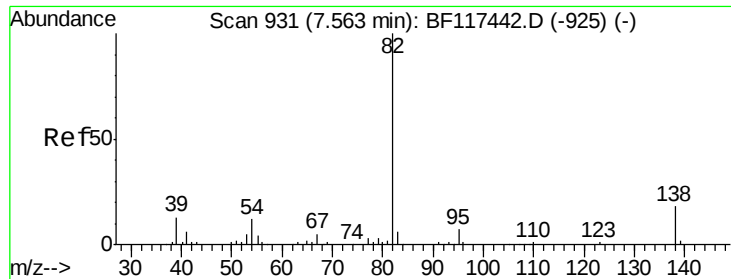
Tot Ion:136	Resp:	158574
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.2 12.4
54	5.3	4.5 6.7
68	4.9	4.3 6.5



#23
Nitrobenzene-d5
Concen: 83.108 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

Tgt Ion: 82	Resp:	266950
Ion Ratio	Lower	Upper
82	100	
128	40.8	32.2 48.2
54	41.8	34.2 51.2

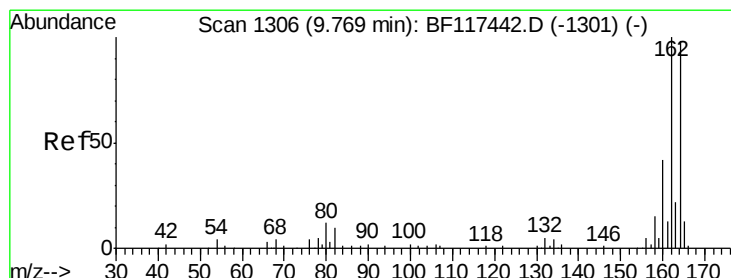
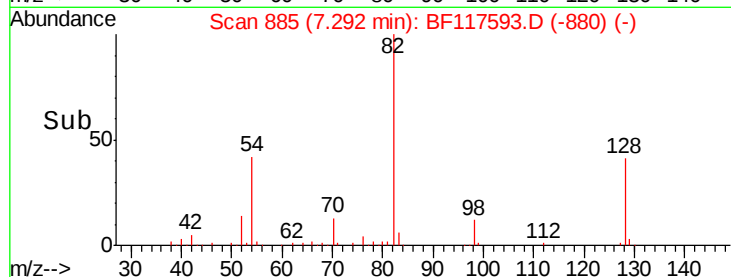
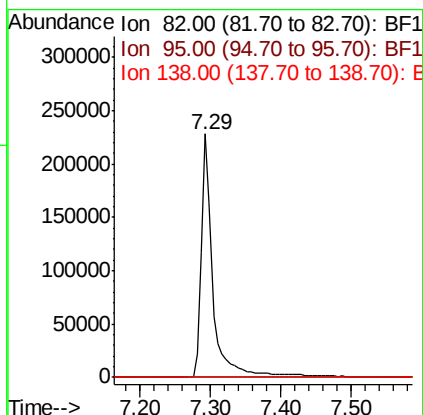
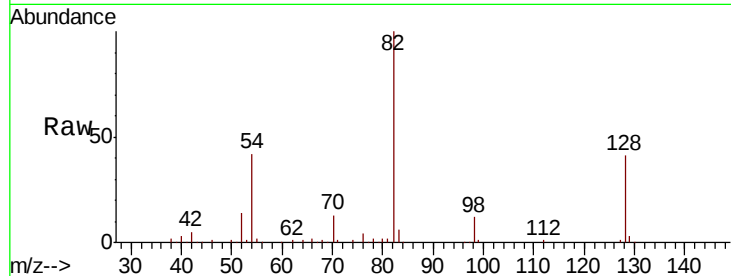




#25
Isophorone
Concen: 48.041 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

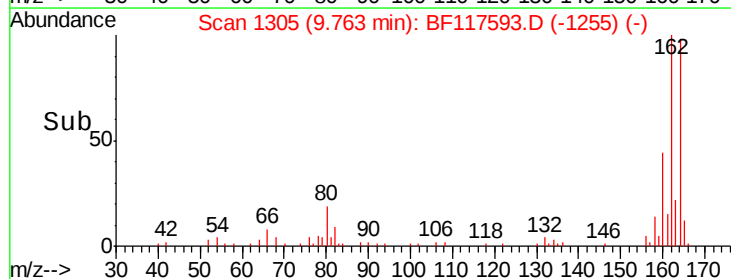
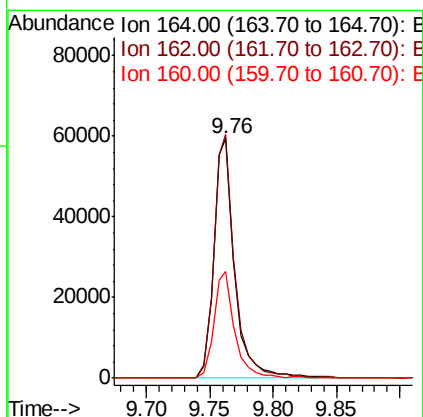
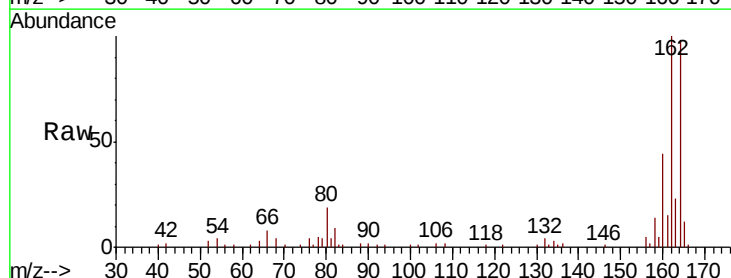
Instrument :
BNA_F
ClientSampleId :

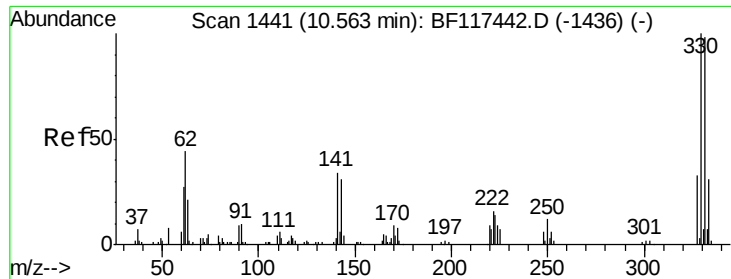
Tot Ion: 82 Resp: 266949
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117593.D
Acq: 29 Oct 2019 16:17

Tgt Ion: 164 Resp: 68510
Ion Ratio Lower Upper
164 100
162 101.7 81.8 122.6
160 44.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 116.634 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

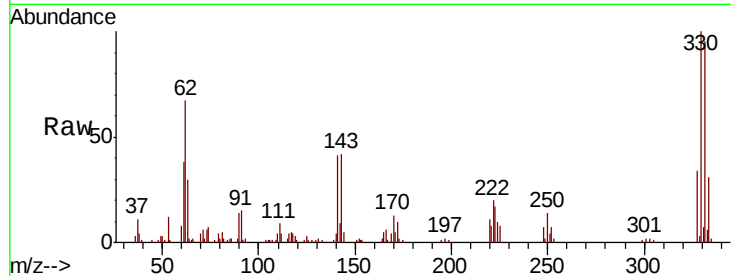
Tot Ion:330 Resp: 69139

Ion Ratio Lower Upper

330 100

332 97.4 78.5 117.7

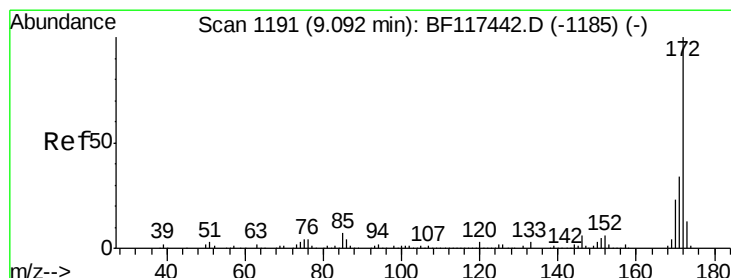
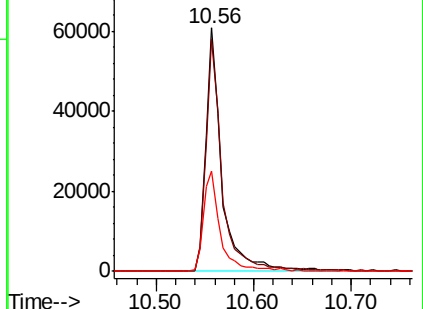
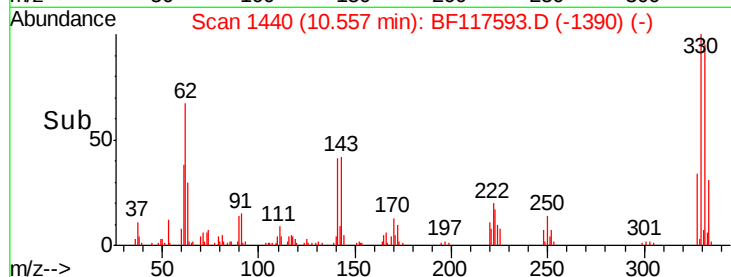
141 43.5 37.0 55.6



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: 88.139 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

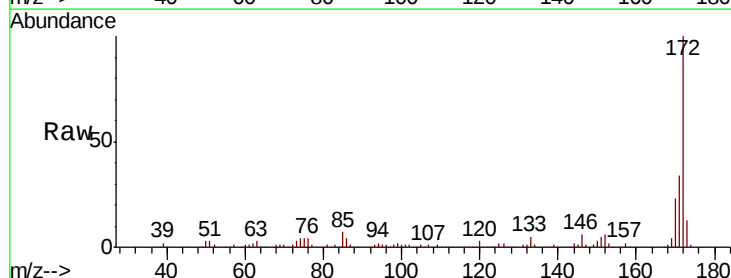
Tgt Ion:172 Resp: 428565

Ion Ratio Lower Upper

172 100

171 34.2 27.5 41.3

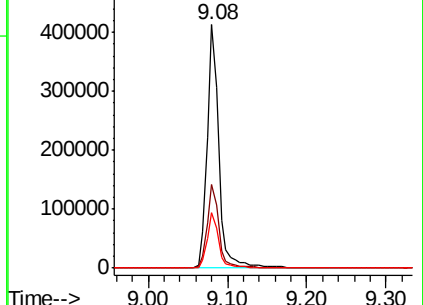
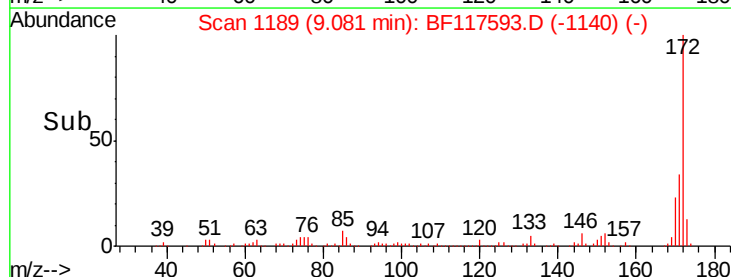
170 22.6 18.6 27.8

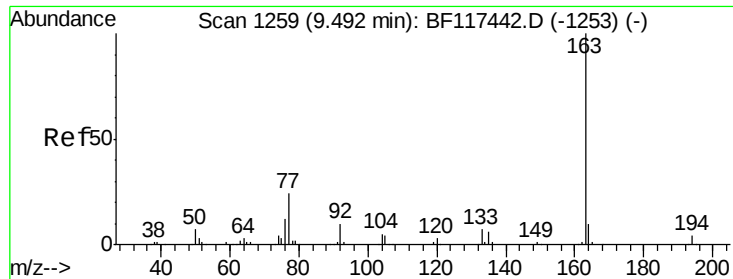


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.346 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Instrument :

BNA_F

ClientSampleId :

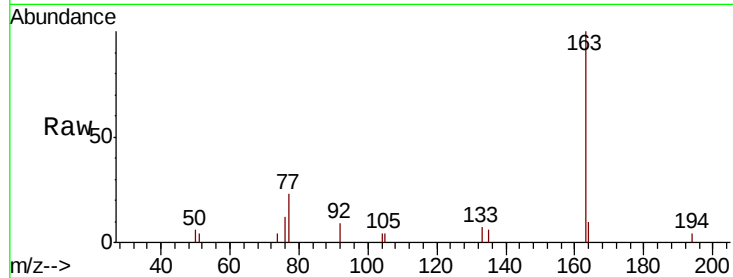
Tot Ion:163 Resp: 11457

Ion Ratio Lower Upper

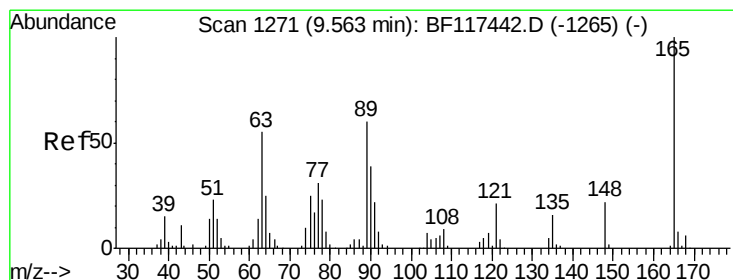
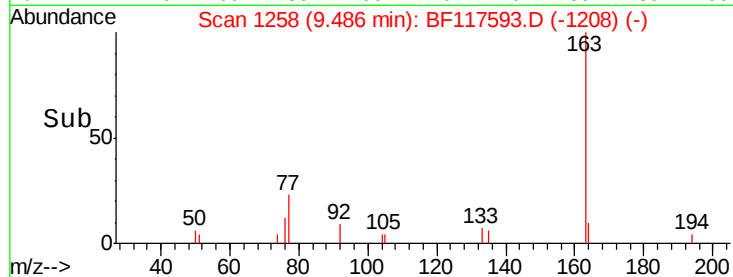
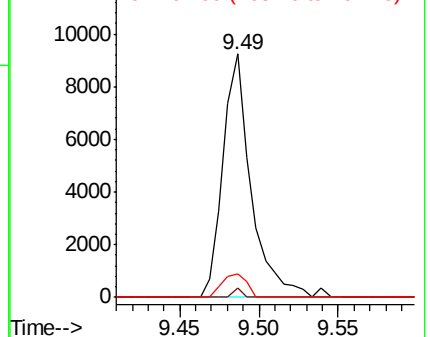
163 100

194 3.6 2.9 4.3

164 9.6 8.2 12.2



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: 8.165 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.19 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

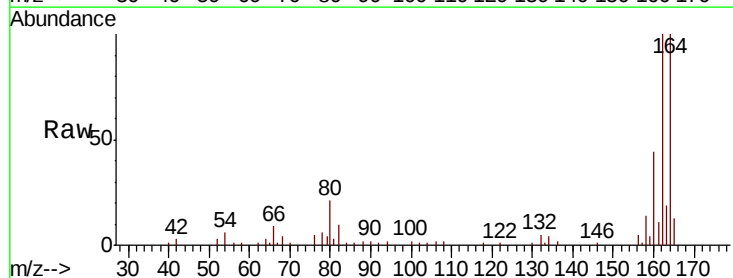
Tgt Ion:165 Resp: 8322

Ion Ratio Lower Upper

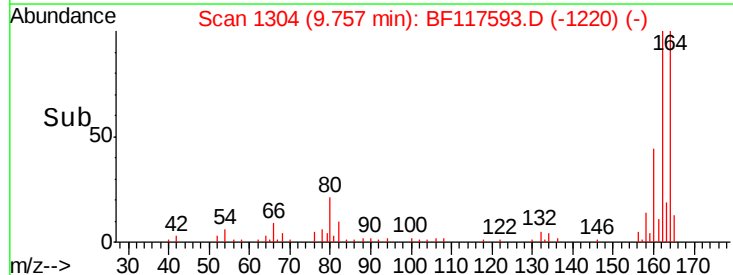
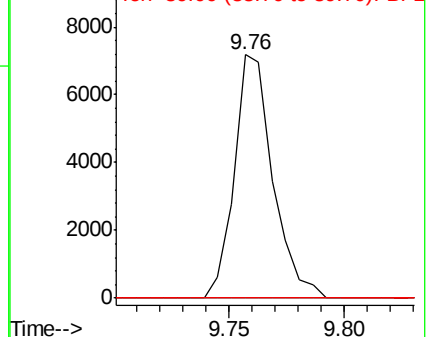
165 100

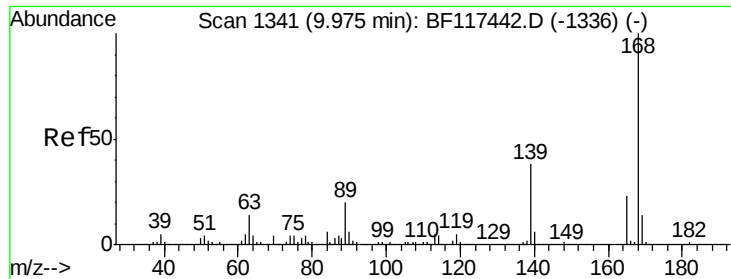
63 0.0 43.8 65.8#

89 0.0 47.6 71.4#



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

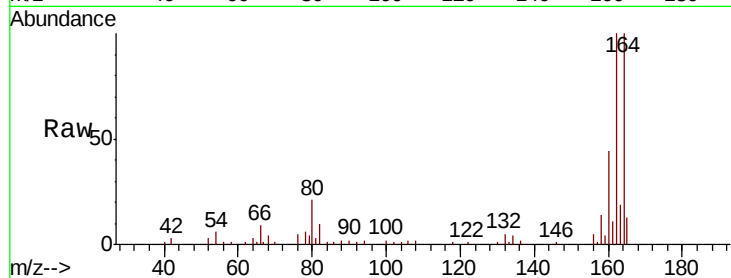




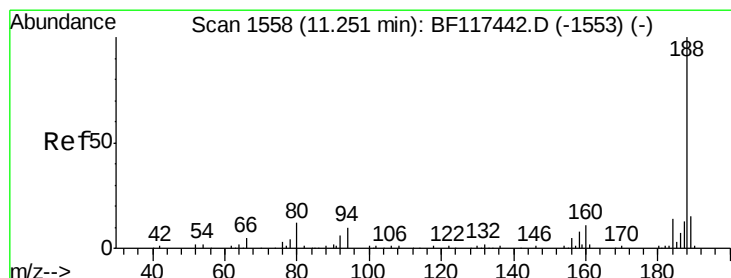
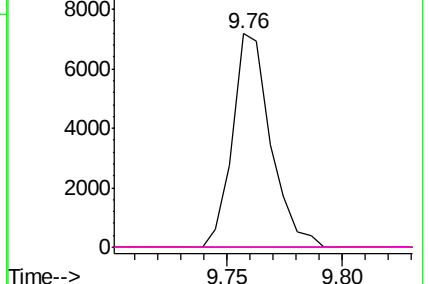
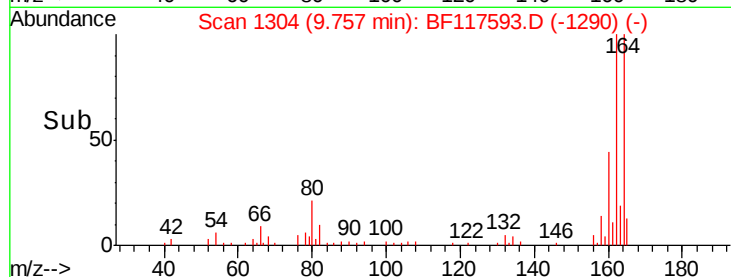
#57
 2,4-Dinitrotoluene
 Concen: 6.142 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.22 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 8322
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#

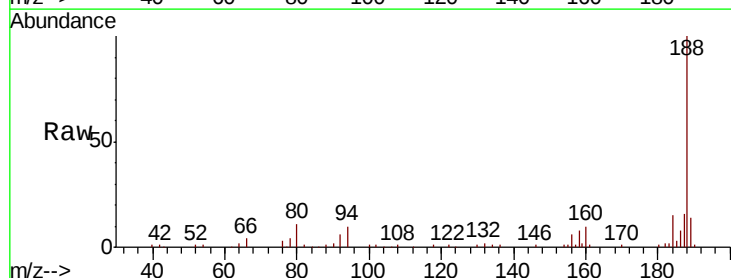


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

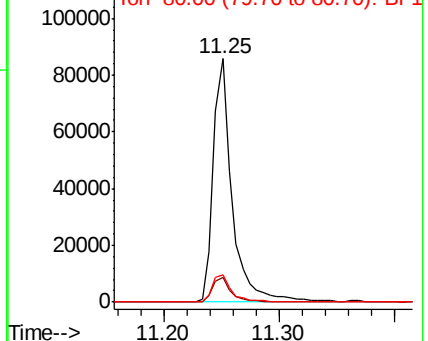
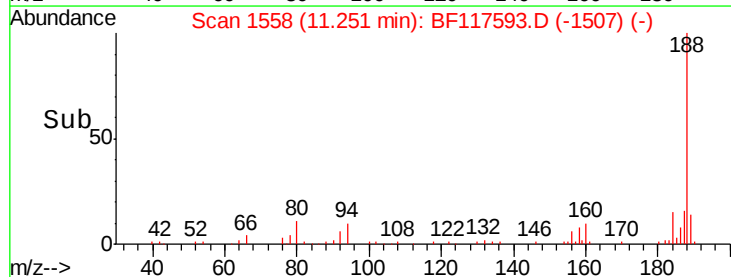


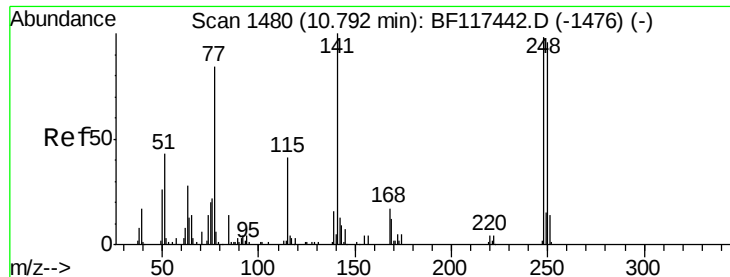
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Tgt Ion:188 Resp: 97532
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.0 12.0
 80 11.0 9.5 14.3



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





#67

4-Bromophenyl-phenylether

Concen: 4.197 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.24 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

Instrument :

BNA_F

ClientSampled :

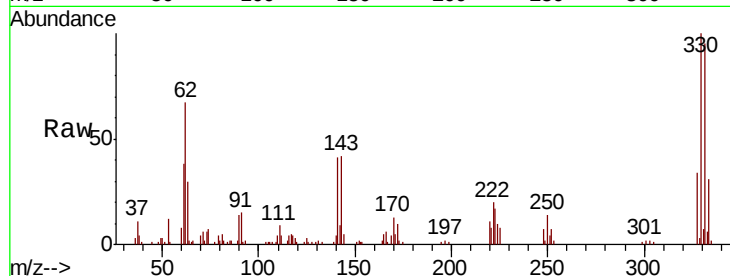
Tot Ion:248 Resp: 4409

Ion Ratio Lower Upper

248 100

250 200.6 78.0 117.0#

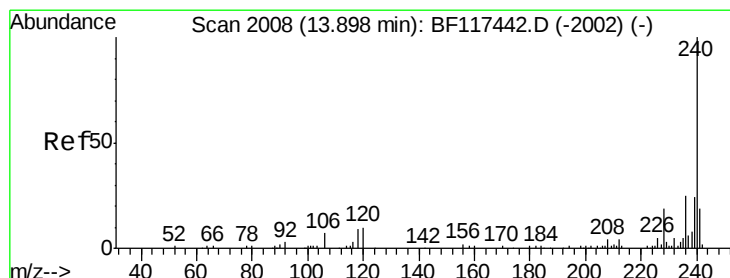
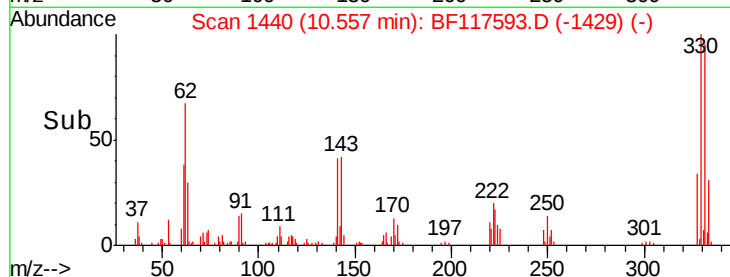
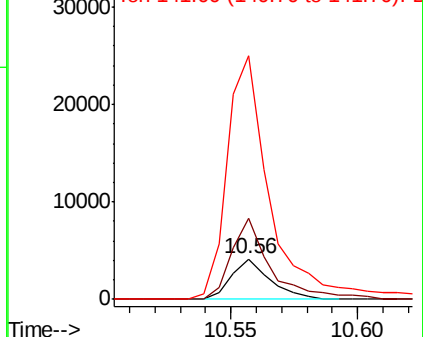
141 598.0 81.7 122.5#



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117593.D

Acq: 29 Oct 2019 16:17

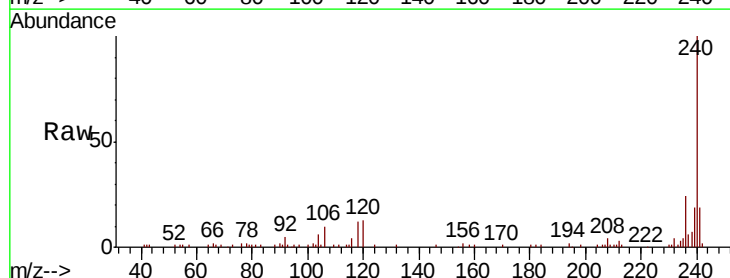
Tgt Ion:240 Resp: 75126

Ion Ratio Lower Upper

240 100

120 13.2 8.4 12.6#

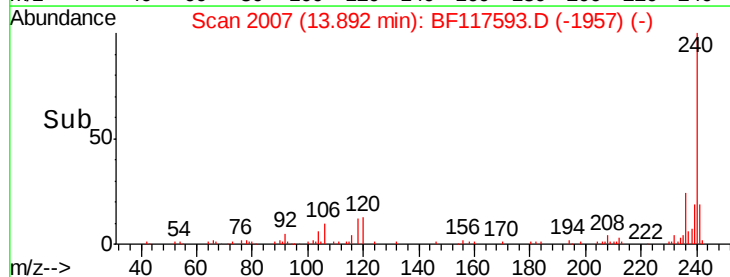
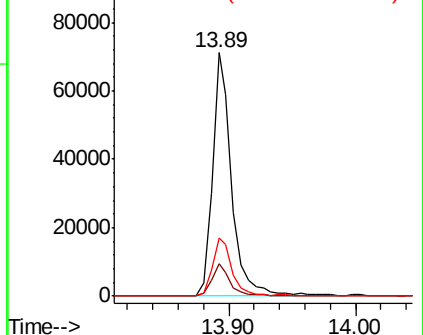
236 24.1 20.0 30.0

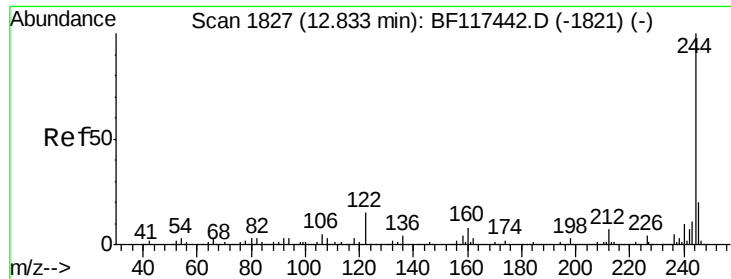


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

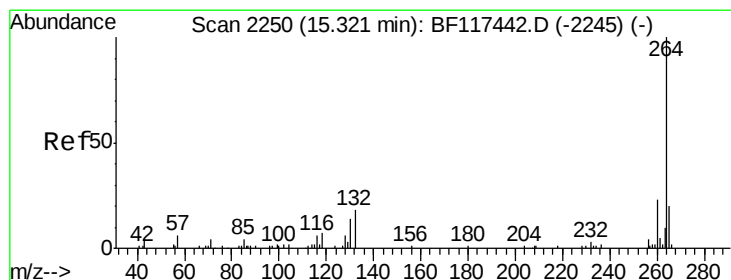
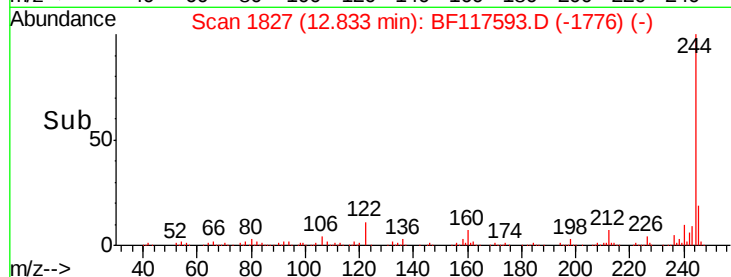
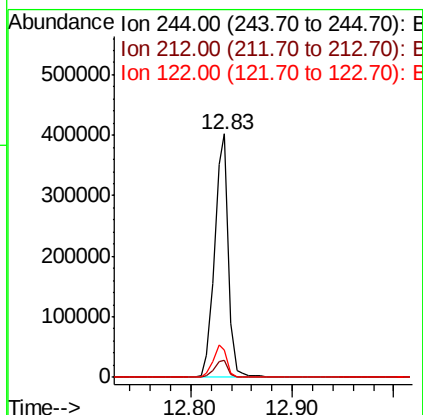
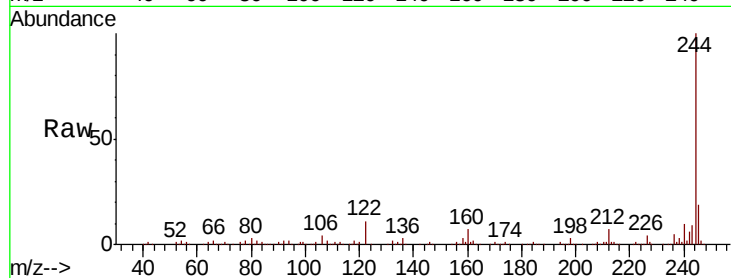




#79
 Terphenyl-d14
 Concen: 82.218 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 378681
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.4 11.8 17.8#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. 0.01 min
 Lab File: BF117593.D
 Acq: 29 Oct 2019 16:17

Tgt Ion:264 Resp: 62802
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.4 27.6
 265 21.6 16.1 24.1

