

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
 Data File : BF115317.D
 Acq On : 29 Jun 2019 12:38
 Operator : HP/JU
 Sample : K3555-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-17

Quant Time: Jun 30 01:43:47 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 28 05:26:43 2019
 Response via : Initial Calibration

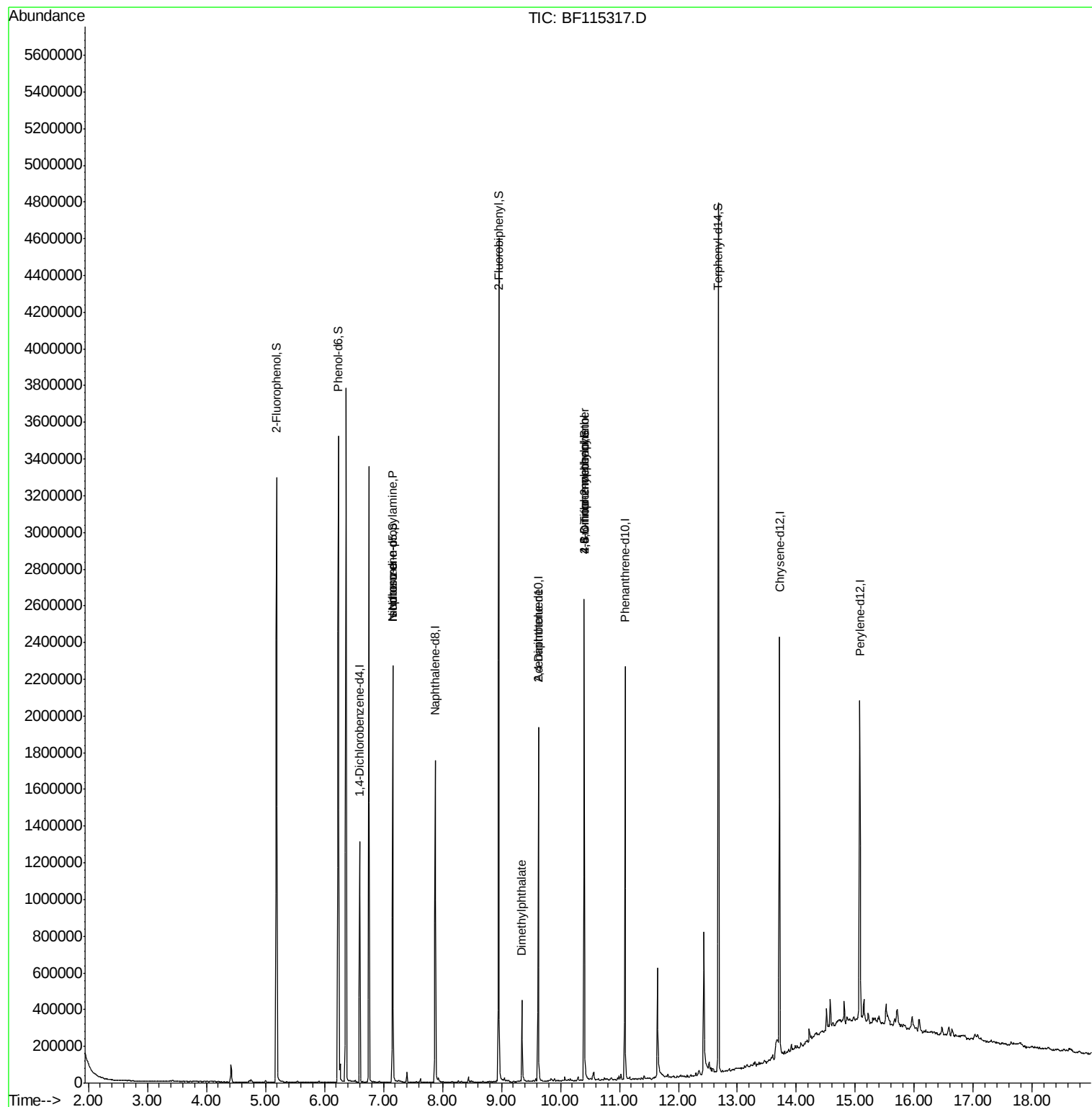
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	189836	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	744052	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	368182	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	756289	20.00	ng	0.00
76) Chrysene-d12	13.71	240	686556	20.00	ng	0.00
87) Perylene-d12	15.08	264	726674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	973678	79.15	ng	0.00
7) Phenol-d6	6.24	99	1229554	82.35	ng	0.00
23) Nitrobenzene-d5	7.16	82	723528	59.82	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	359448	92.58	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1328653	61.30	ng	0.00
79) Terphenyl-d14	12.68	244	1627902	50.41	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	95241	9.963	ng	# 77
25) Isophorone	7.16	82	723523	29.200	ng	# 63
50) Dimethylphthalate	9.35	163	168709	6.228	ng	# 98
57) 2,4-Dinitrotoluene	9.62	165	48121	5.959	ng	# 30
58) Fluorene	10.40	166	16810	Below Cal		# 91
65) 4,6-Dinitro-2-methylphenol	10.40	198	850	5.149	ng	# 92
67) 4-Bromophenyl-phenylether	10.41	248	22245	2.713	ng	# 1

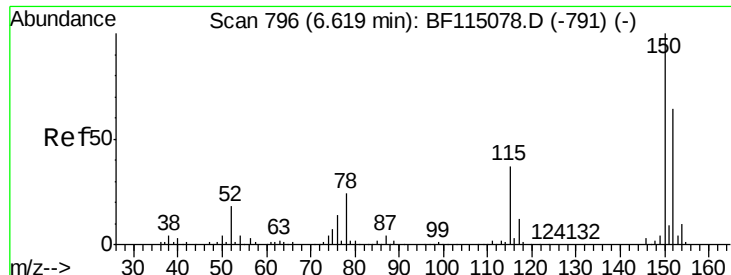
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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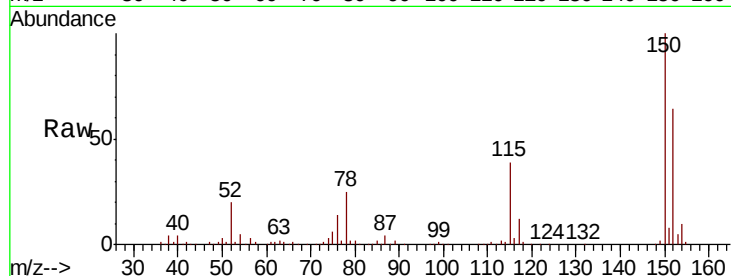


#1

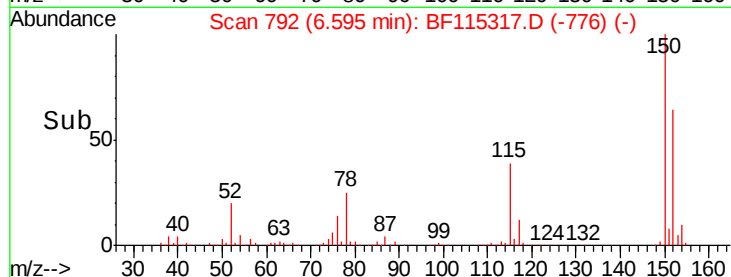
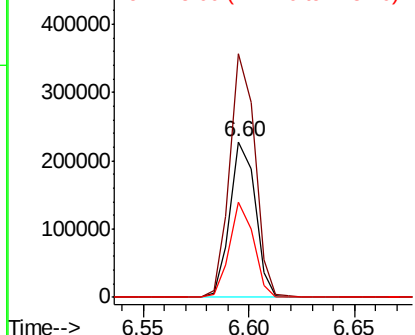
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SAMPLE-17

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.2
115	61.1	46.1	69.1



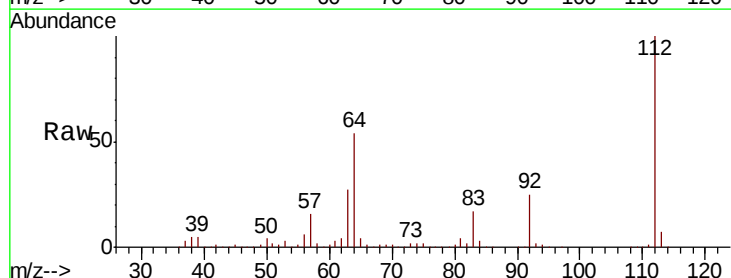
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



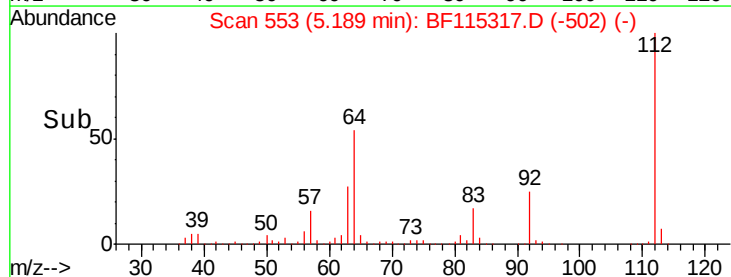
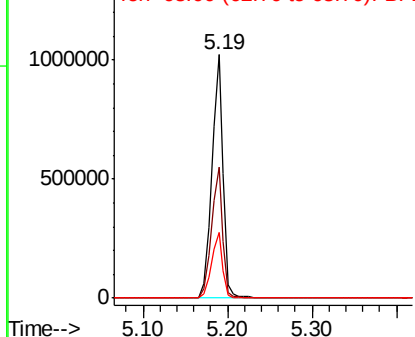
#5

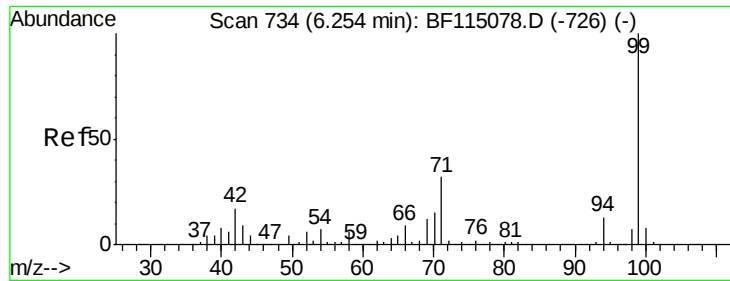
2-Fluorophenol
Concen: 79.150 ng
RT: 5.19 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.8	65.6
63	26.8	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: 82.348 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

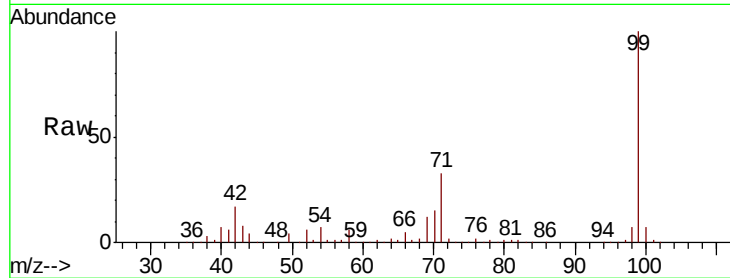
Tgt Ion: 99 Resp: 1229554

Ion Ratio Lower Upper

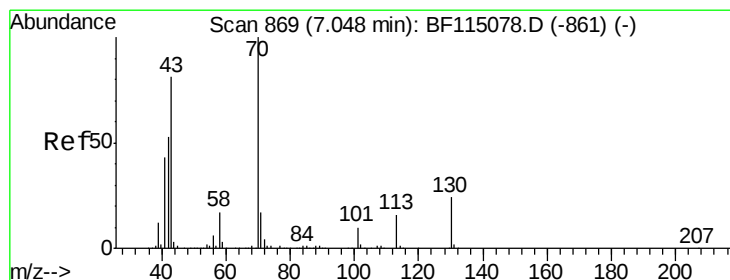
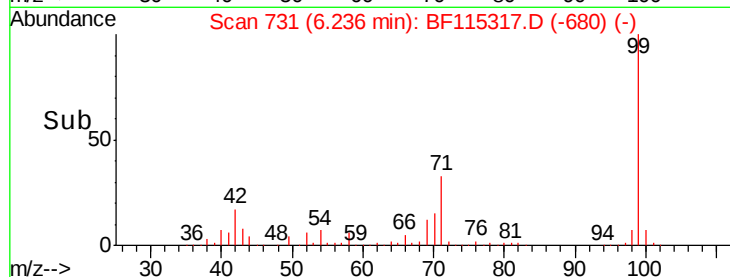
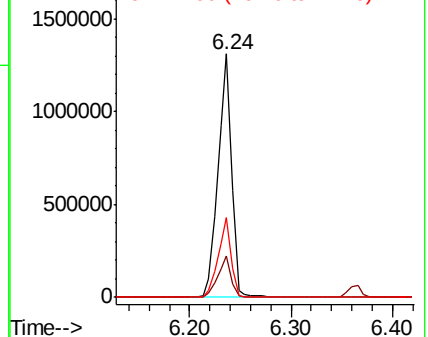
99 100

42 16.9 13.6 20.4

71 32.6 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: 9.963 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

Tgt Ion: 70 Resp: 95241

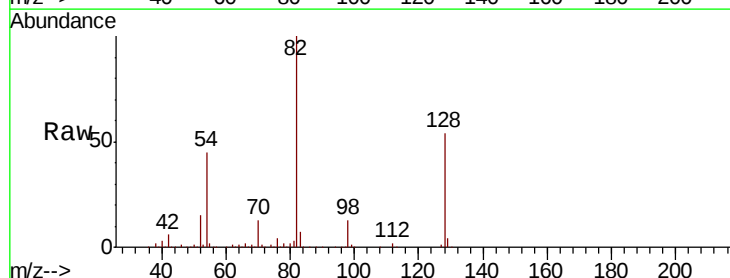
Ion Ratio Lower Upper

70 100

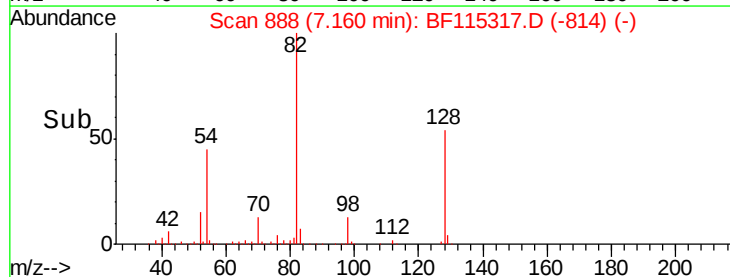
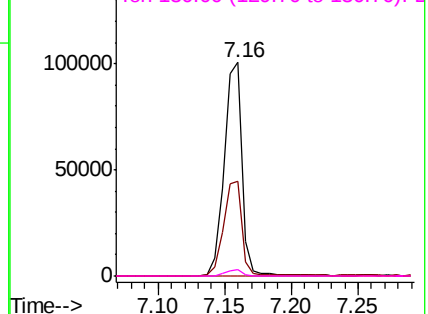
42 44.3 42.6 63.8

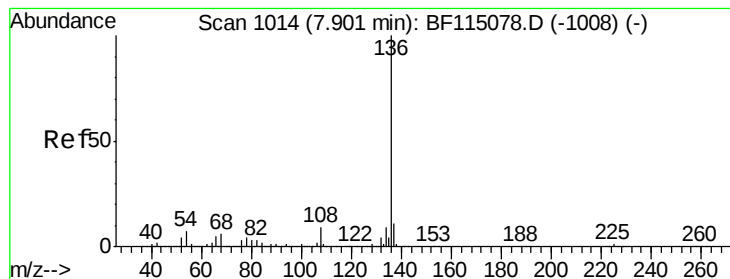
101 0.0 8.0 12.0#

130 2.8 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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

Tgt Ion: 136 Resp: 744052

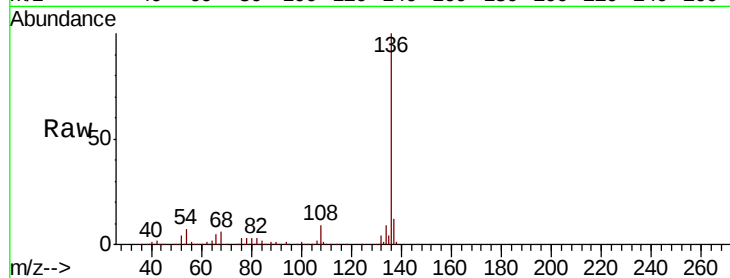
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 6.7 5.6 8.4

68 5.8 4.8 7.2

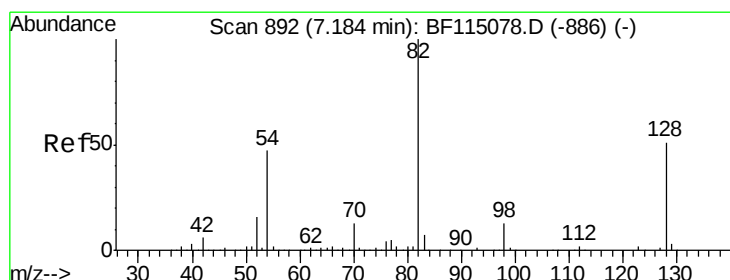
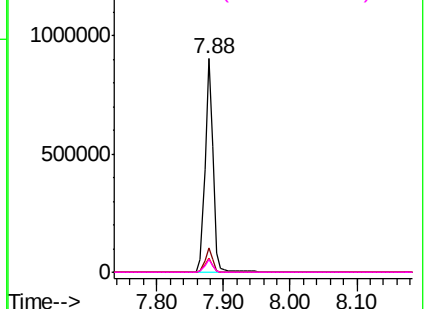
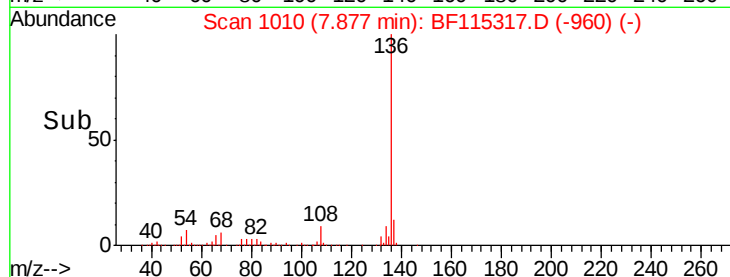


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.819 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

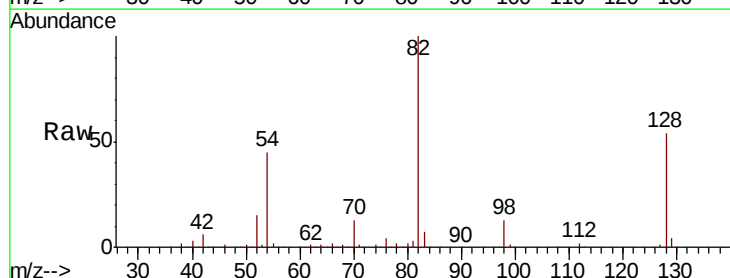
Tgt Ion: 82 Resp: 723528

Ion Ratio Lower Upper

82 100

128 54.0 40.4 60.6

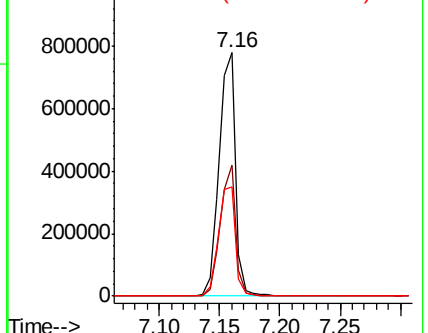
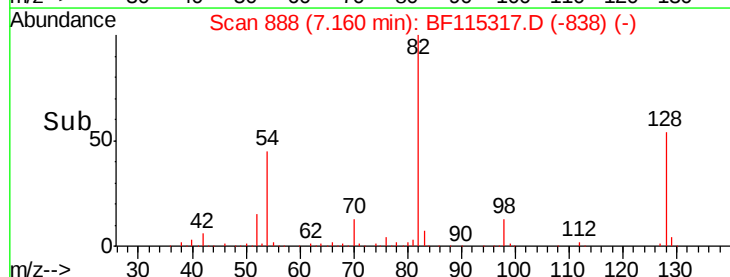
54 44.8 37.5 56.3



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

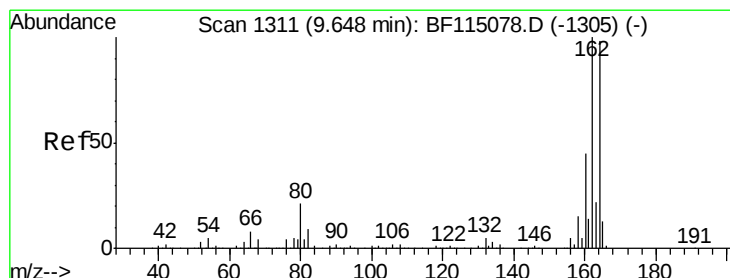
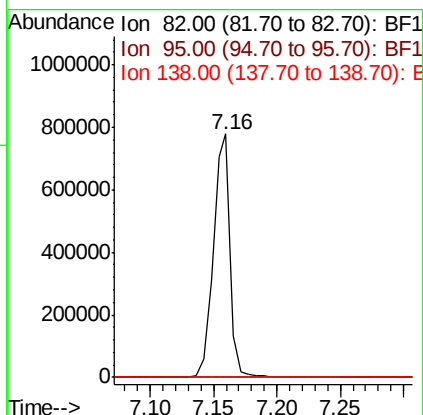
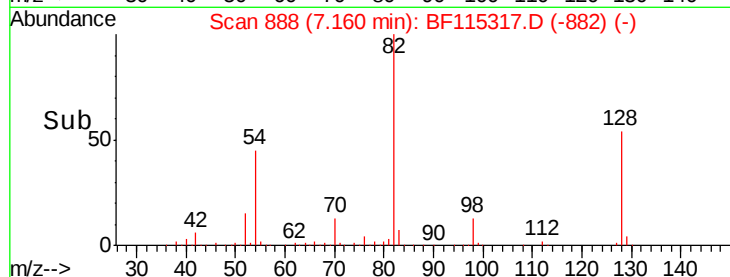
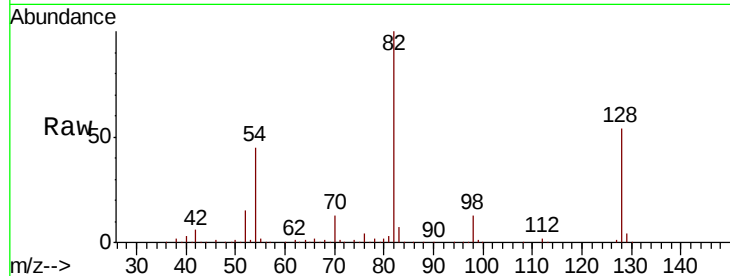




#25
Isophorone
Concen: 29.200 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

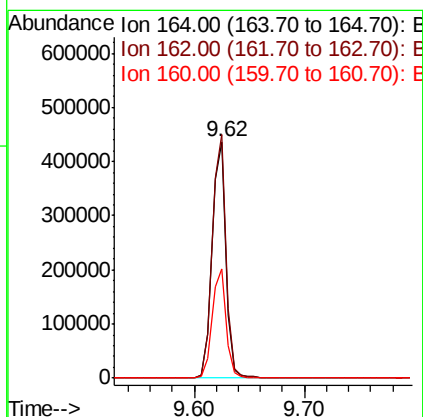
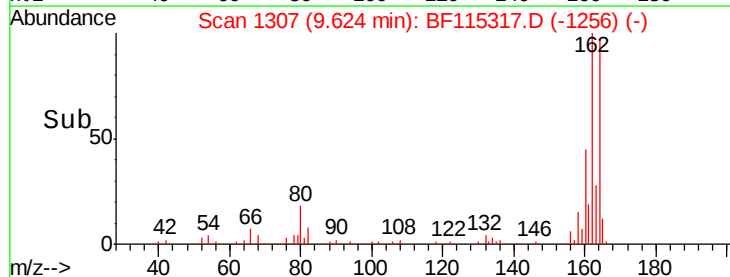
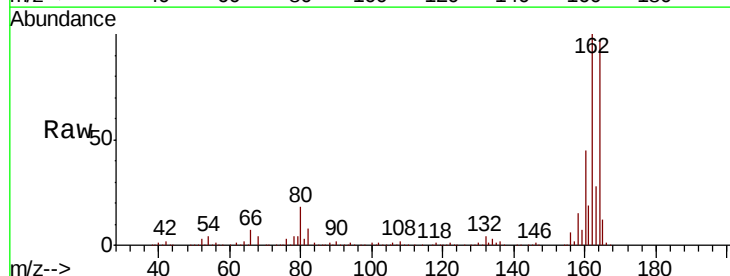
Instrument :
BNA_F
ClientSampleId :
SAMPLE-17

Tgt Ion: 82 Resp: 723523
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.9 23.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Tgt Ion: 164 Resp: 368182
Ion Ratio Lower Upper
164 100
162 103.1 81.7 122.5
160 46.3 37.0 55.4

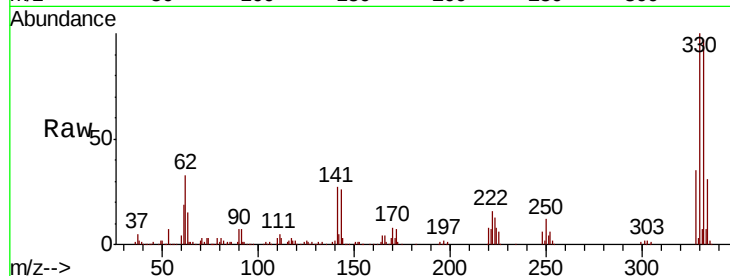




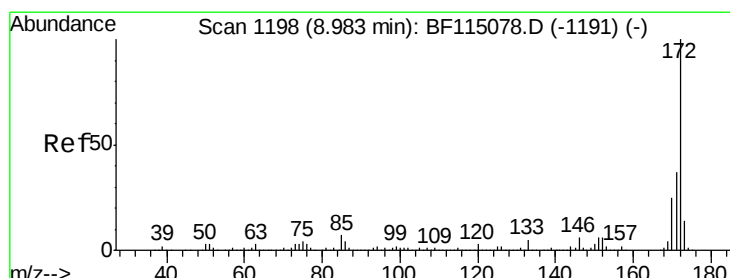
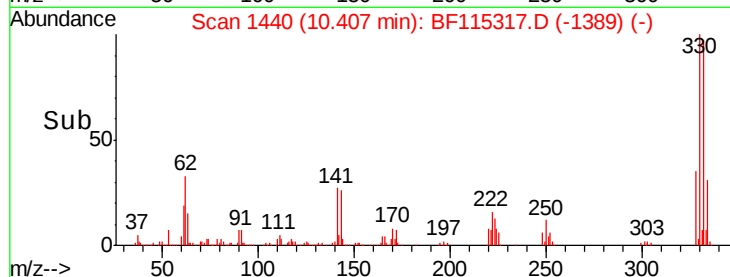
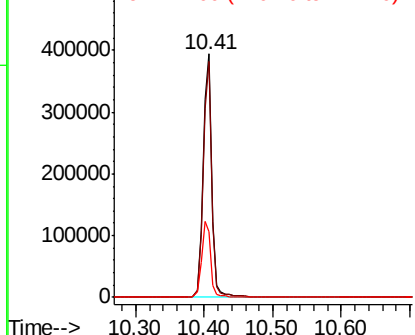
#42
 2,4,6-Tribromophenol
 Concen: 92.579 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF115317.D
 Acq: 29 Jun 2019 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-17

Tgt Ion:330 Resp: 359448
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 32.6 28.2 42.2

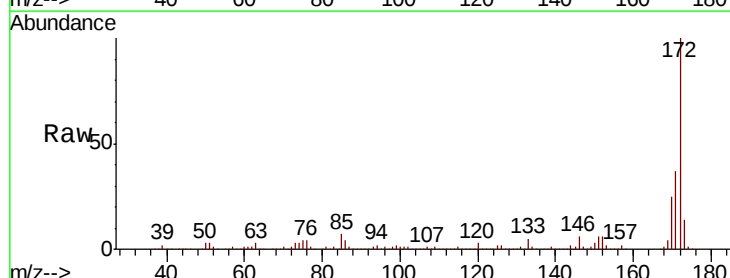


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

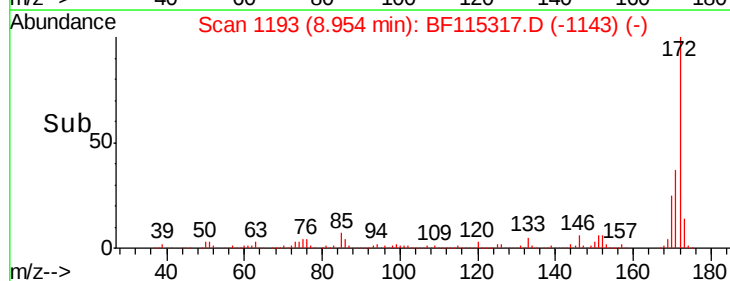
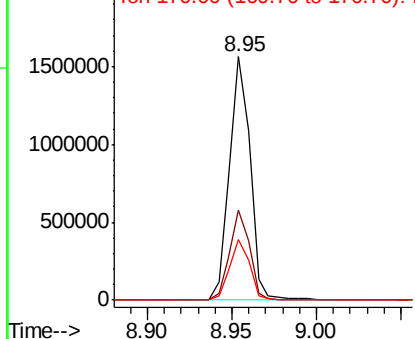


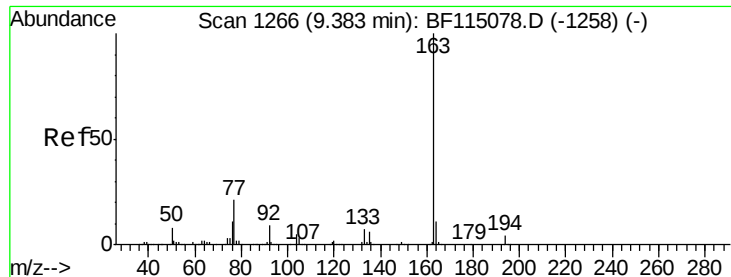
#45
 2-Fluorobiphenyl
 Concen: 61.298 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115317.D
 Acq: 29 Jun 2019 12:38

Tgt Ion:172 Resp: 1328653
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 24.8 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

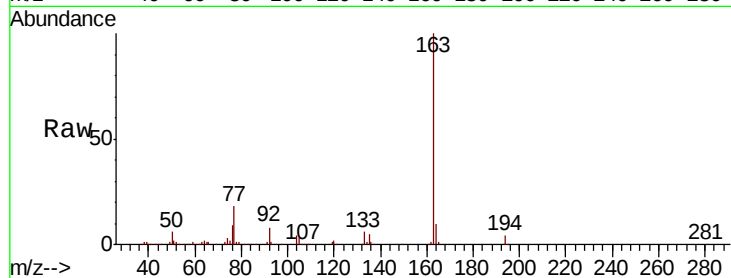




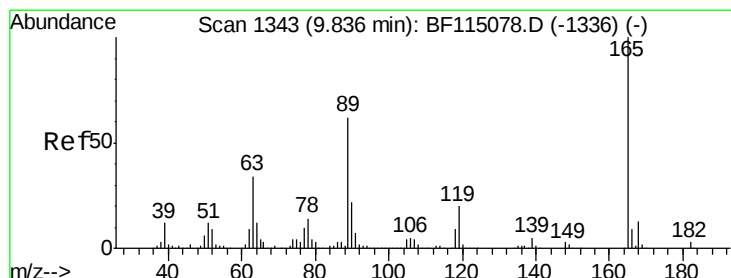
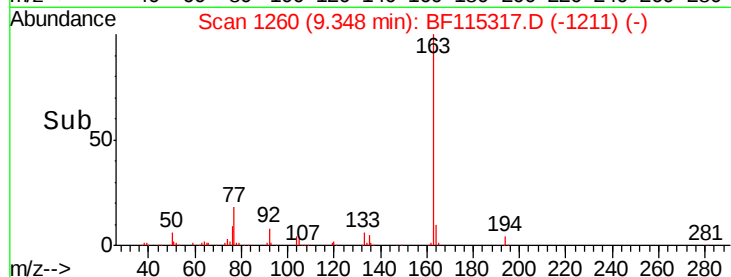
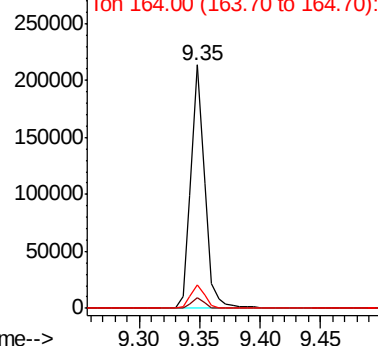
#50
Dimethylphthalate
Concen: 6.228 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SAMPLE-17

Tgt Ion:163 Resp: 168709
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.8 8.6 13.0

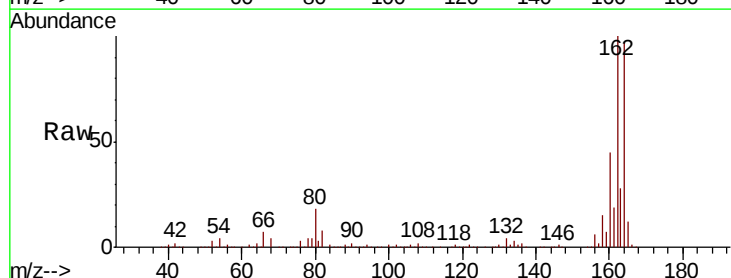


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

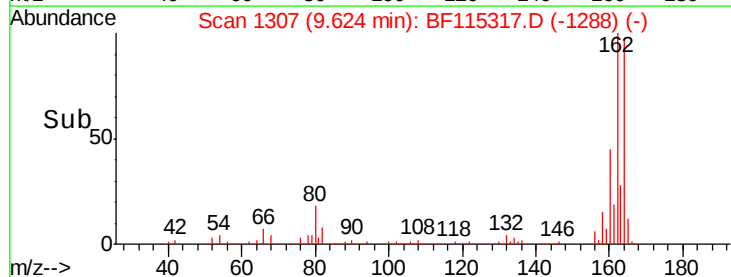
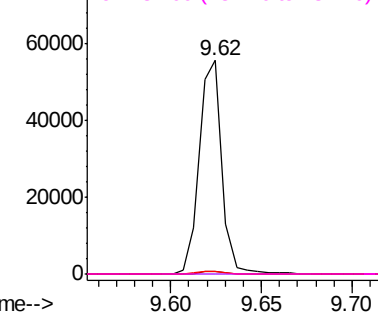


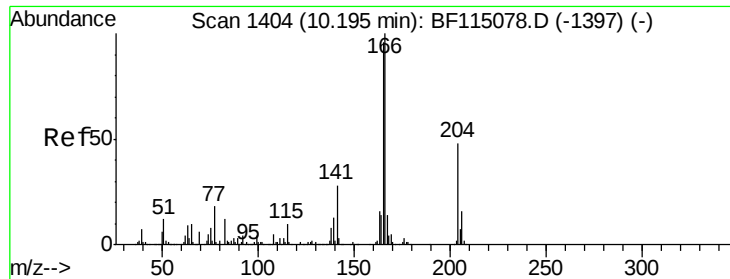
#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Tgt Ion:165 Resp: 48121
Ion Ratio Lower Upper
165 100
63 1.1 27.5 41.3#
89 1.5 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: 10.40 min Scan# 1439

Delta R.T. 0.23 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

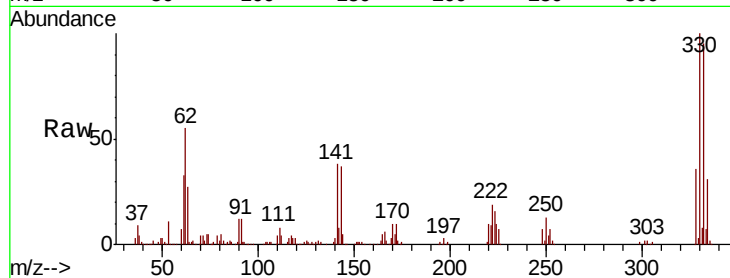
Tgt Ion:166 Resp: 16810

Ion Ratio Lower Upper

166 100

165 99.3 76.5 114.7

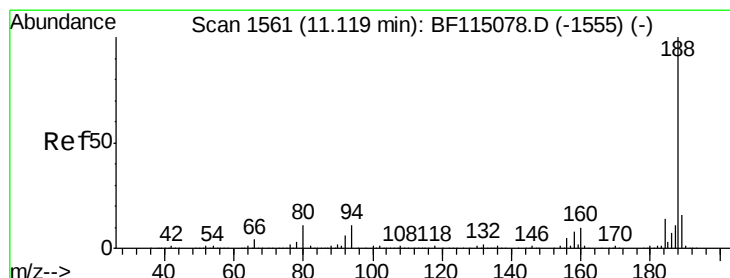
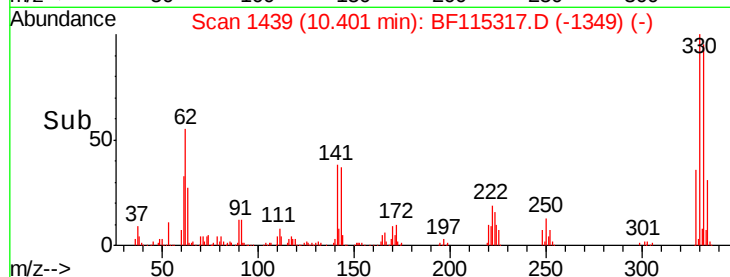
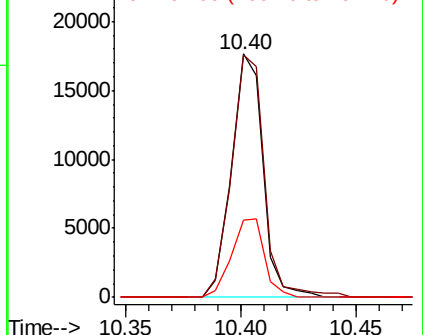
167 31.9 11.0 16.4#



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: 11.09 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

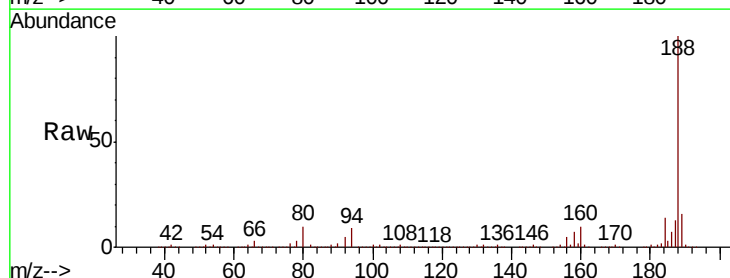
Tgt Ion:188 Resp: 756289

Ion Ratio Lower Upper

188 100

94 9.4 8.6 12.8

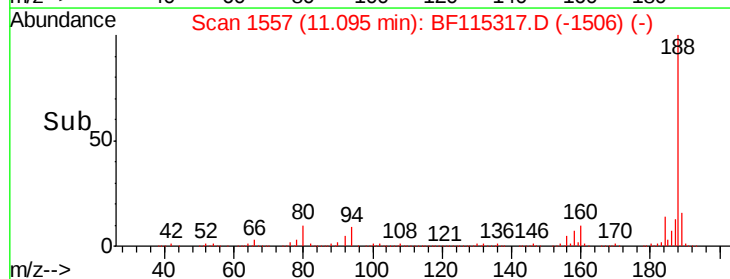
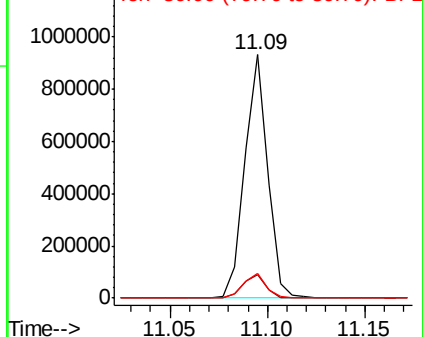
80 10.0 8.8 13.2

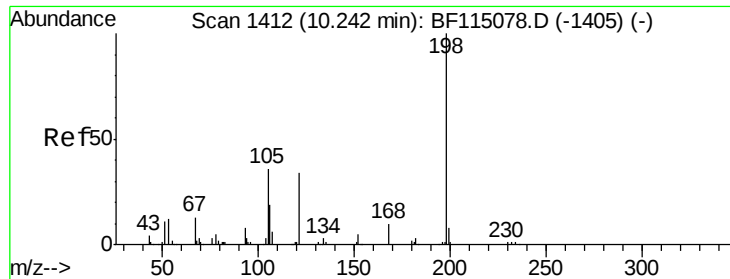


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.149 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

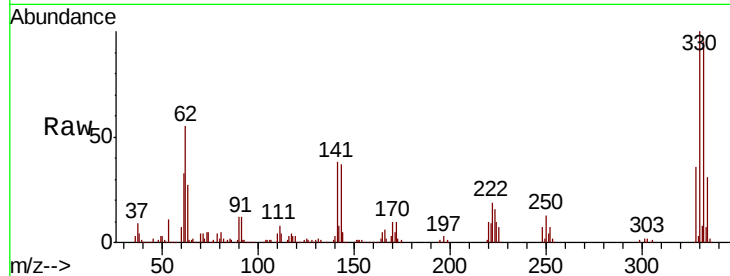
Tgt Ion:198 Resp: 850

Ion Ratio Lower Upper

198 100

51 38.2 11.0 51.0

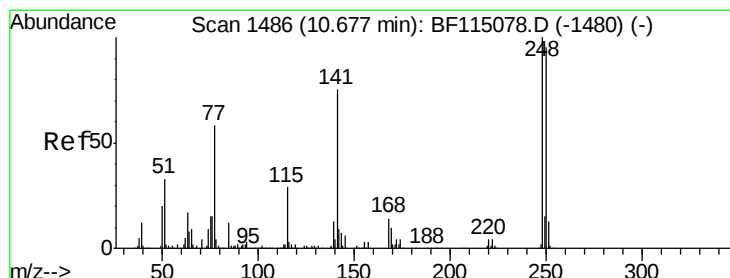
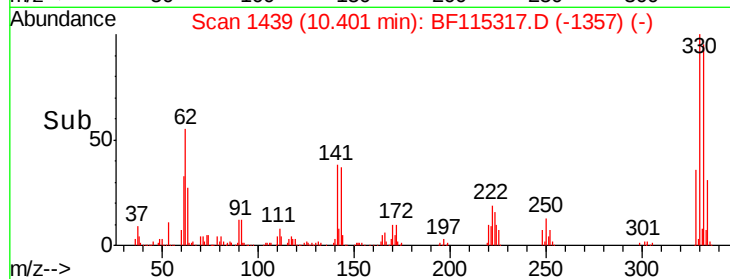
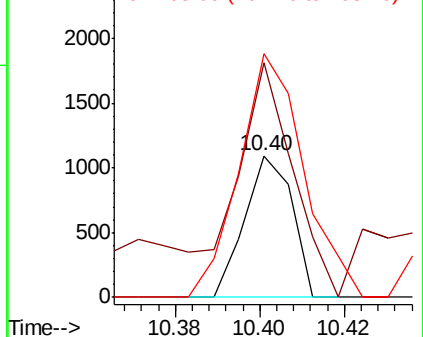
105 39.6 17.3 57.3



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: 2.713 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF115317.D

Acq: 29 Jun 2019 12:38

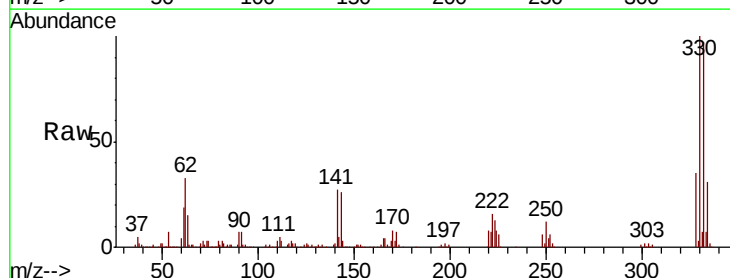
Tgt Ion:248 Resp: 22245

Ion Ratio Lower Upper

248 100

250 204.1 76.2 114.2#

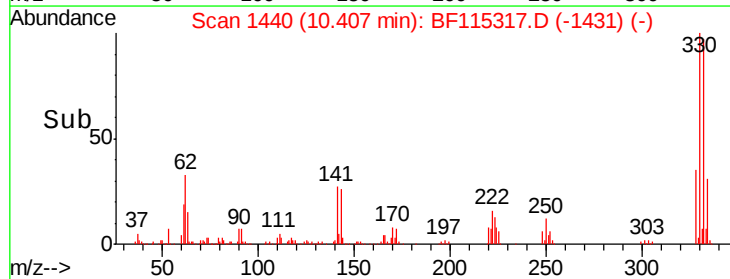
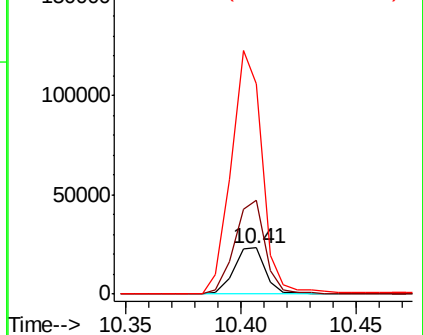
141 455.8 59.6 89.4#

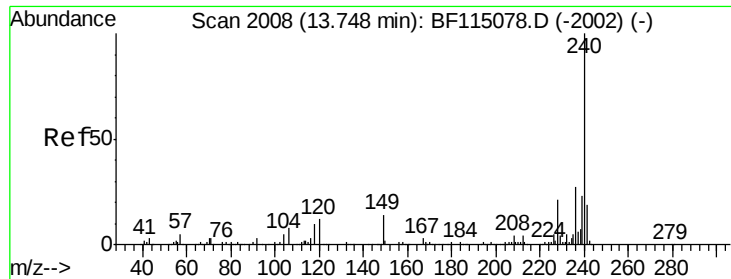


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

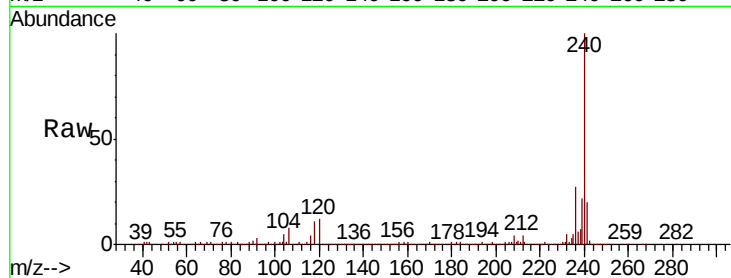




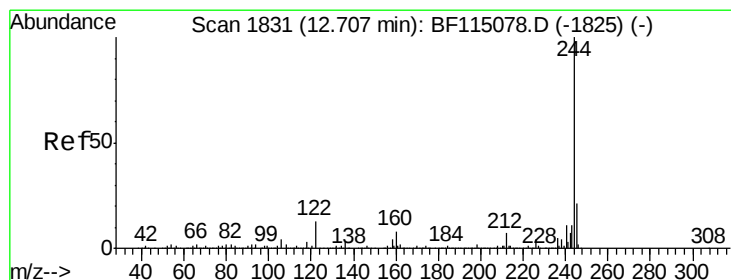
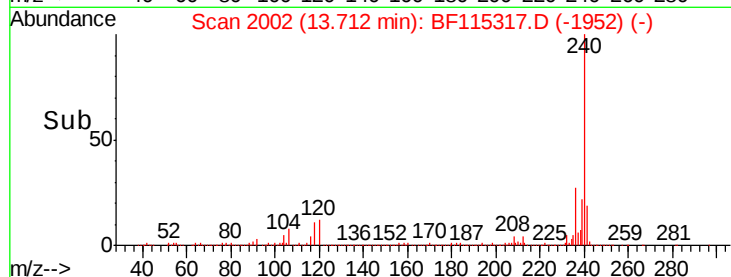
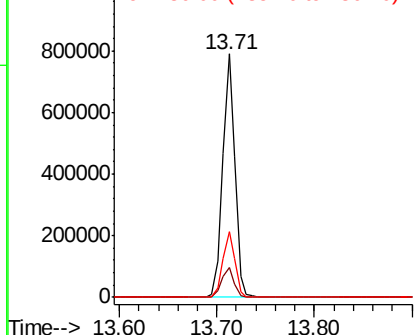
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Instrument :
BNA_F
ClientSampled :
SAMPLE-17

Tgt Ion:240 Resp: 686556
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 27.0 21.7 32.5

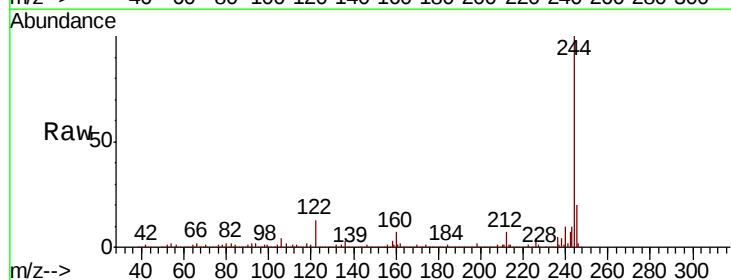


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

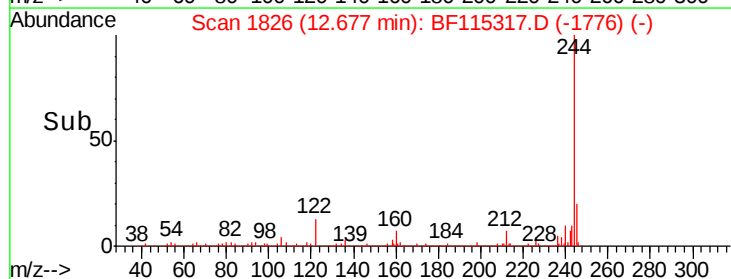
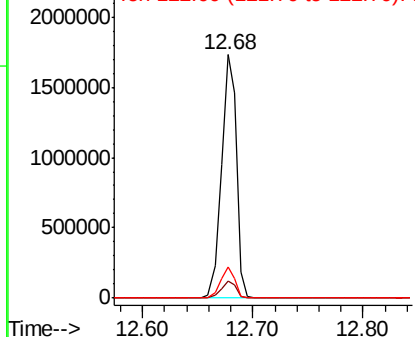


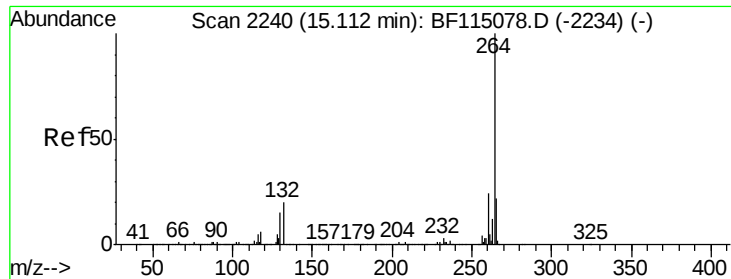
#79
Terphenyl-d14
Concen: 50.414 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Tgt Ion:244 Resp: 1627902
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 12.6 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: 15.08 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF115317.D
Acq: 29 Jun 2019 12:38

Instrument :
BNA_F
ClientSampleId :
SAMPLE-17

Tgt Ion: 264 Resp: 726674
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 21.9 17.3 25.9

