

Data File : BF115292.D
Acq On : 28 Jun 2019 20:10
Operator : HP/JU
Sample : K3555-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-17

Quant Time: Jun 29 02:37:45 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	224321	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	850381	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	420889	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	844755	20.00	ng	0.00
76) Chrysene-d12	13.71	240	695990	20.00	ng	-0.01
87) Perylene-d12	15.07	264	695700	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1419024	97.62	ng	0.02
7) Phenol-d6	6.24	99	1581299	89.62	ng	0.00
23) Nitrobenzene-d5	7.16	82	1190988	86.15	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	588420	132.57	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2229687	89.99	ng	0.00
79) Terphenyl-d14	12.68	244	2673414	81.67	ng	0.00

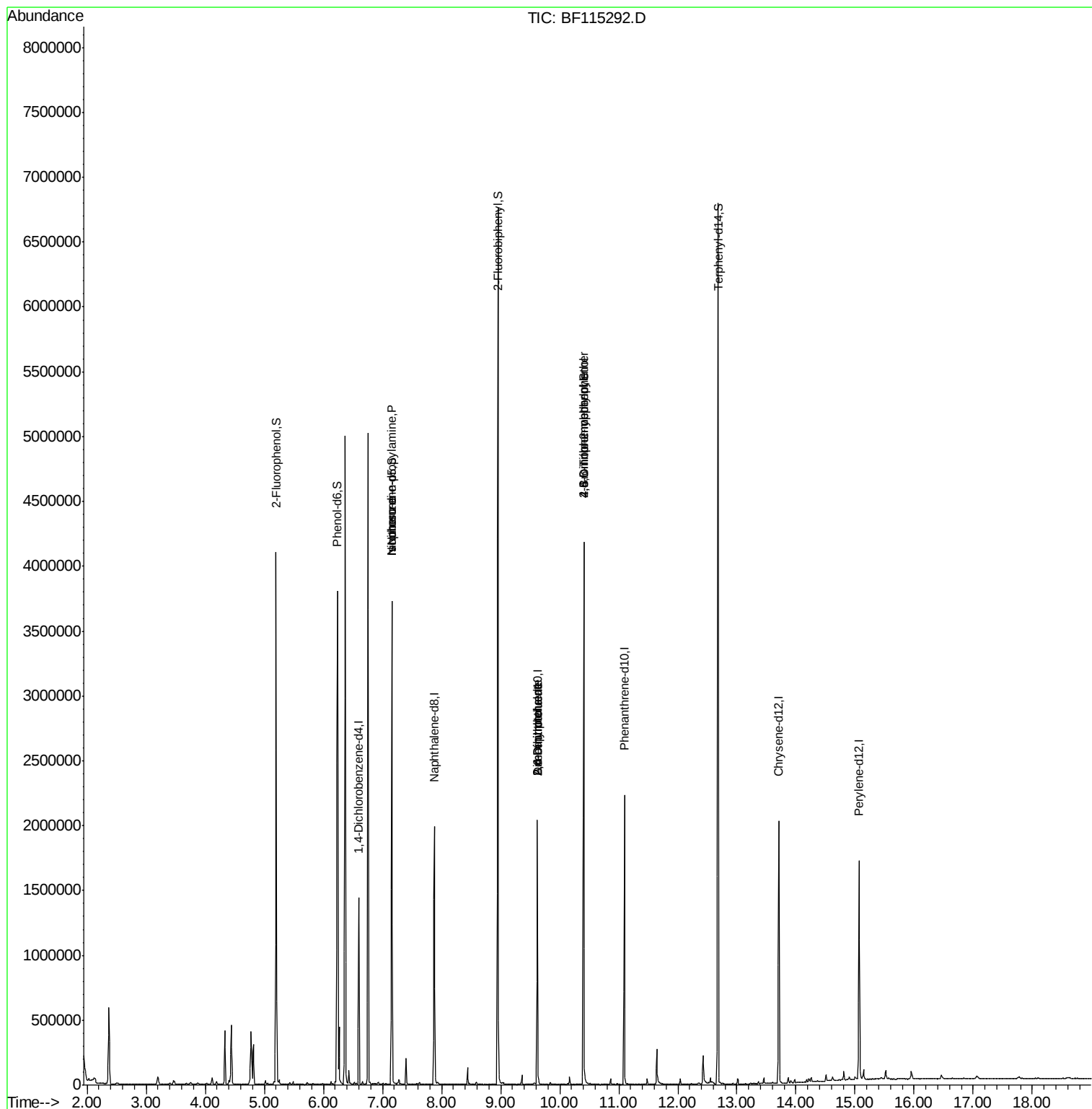
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	158642	14.044	ng	# 77
25) Isophorone	7.16	82	1187369	41.929	ng	# 63
50) Dimethylphthalate	9.62	163	115549	3.732	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	54105	7.568	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	54105	5.861	ng	# 30
58) Fluorene	10.41	166	26156	Below Cal		# 92
65) 4,6-Dinitro-2-methylphenol	10.40	198	1173	5.194	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	37155	4.057	ng	# 1

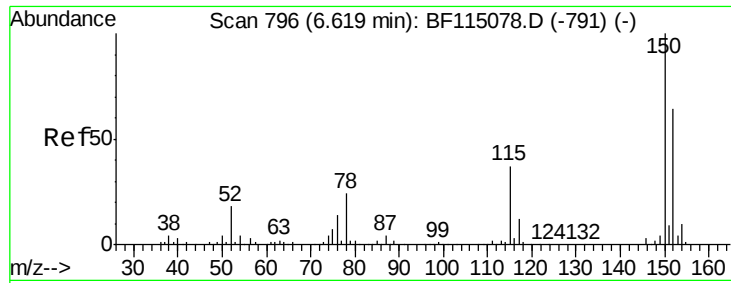
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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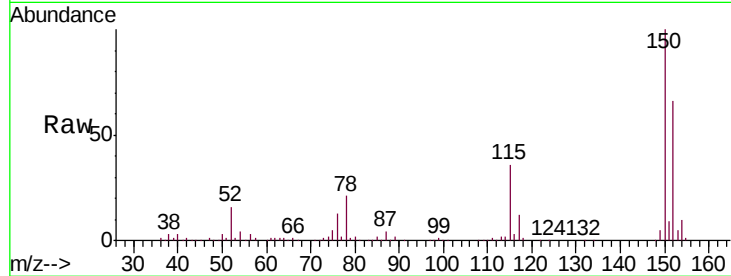


#1

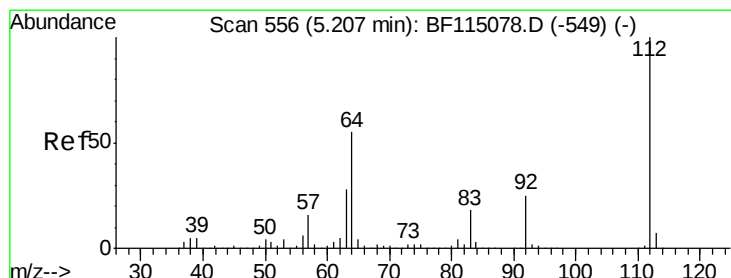
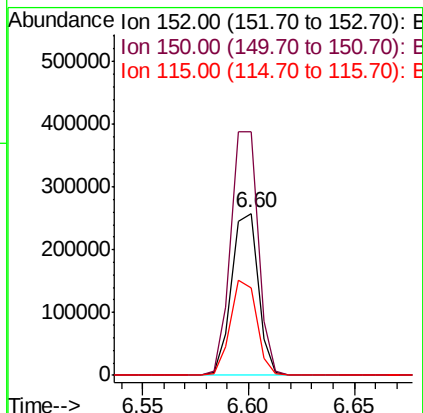
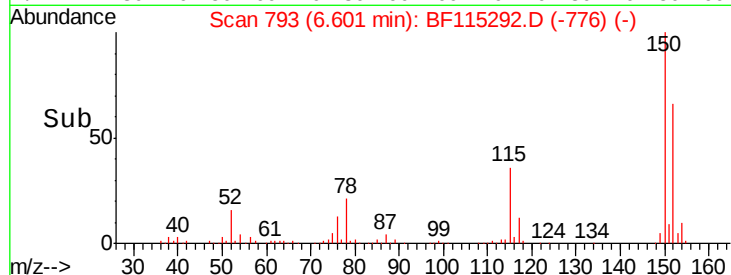
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

Instrument :
BNA_F
ClientSampleId :
SAMPLE-17

Tgt Ion:152 Resp: 224321
Ion Ratio Lower Upper
152 100
150 150.4 124.2 186.2
115 54.1 46.1 69.1



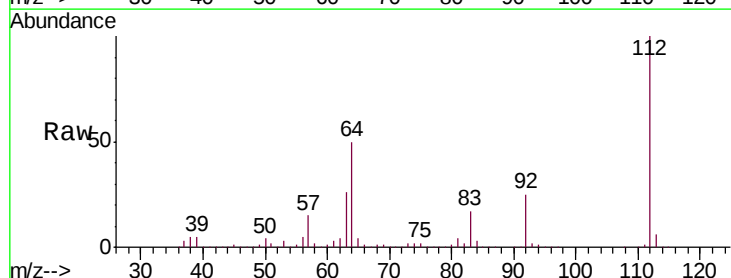
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



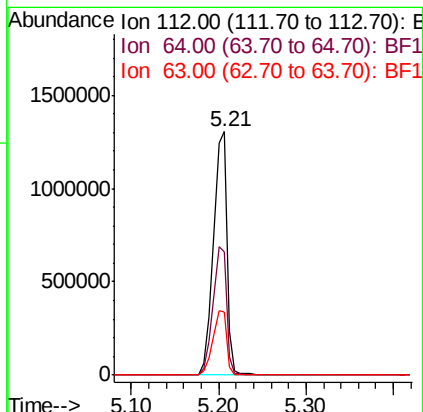
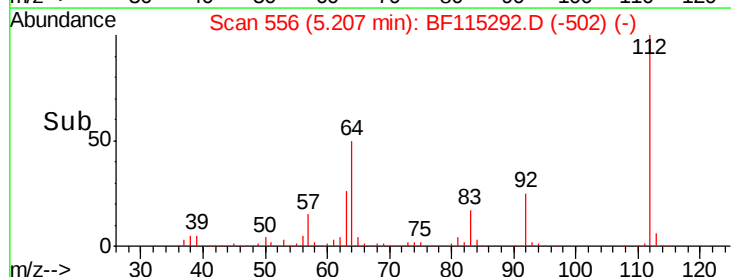
#5

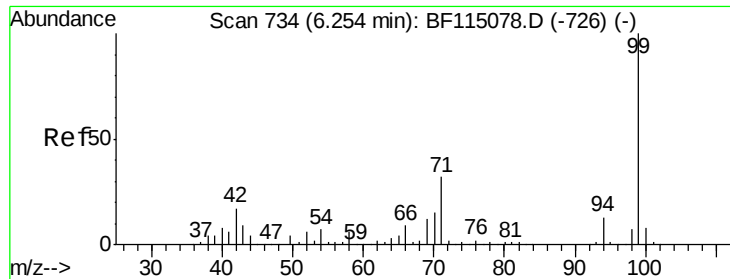
2-Fluorophenol
Concen: 97.619 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

Tgt Ion:112 Resp: 1419024
Ion Ratio Lower Upper
112 100
64 50.4 43.8 65.6
63 25.8 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: 89.624 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

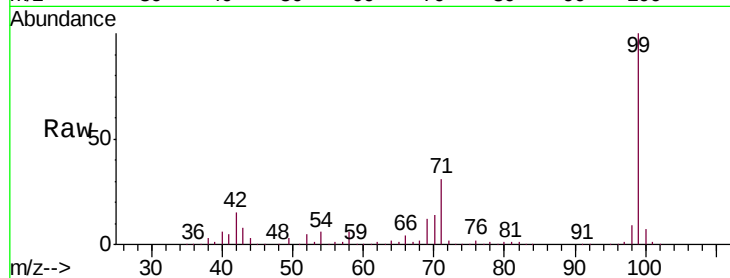
Tgt Ion: 99 Resp: 1581299

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

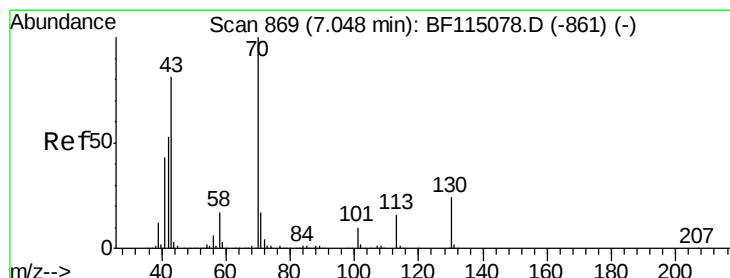
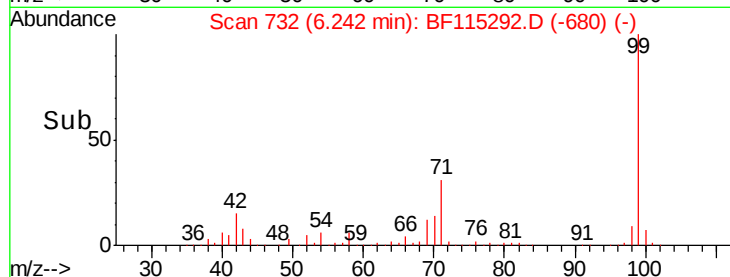
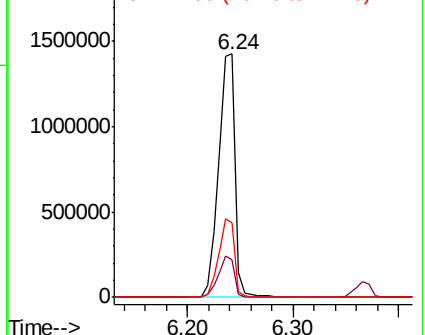
71 30.6 25.5 38.3



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: 14.044 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

Tgt Ion: 70 Resp: 158642

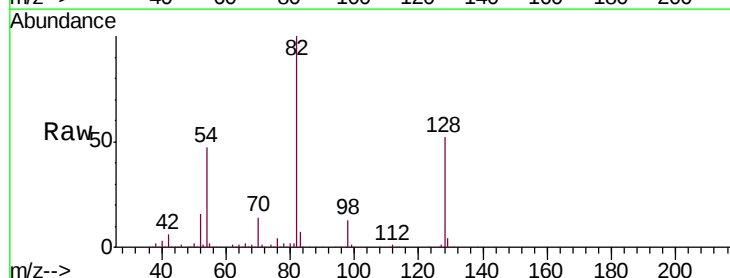
Ion Ratio Lower Upper

70 100

42 43.7 42.6 63.8

101 0.0 8.0 12.0#

130 2.6 19.4 29.0#

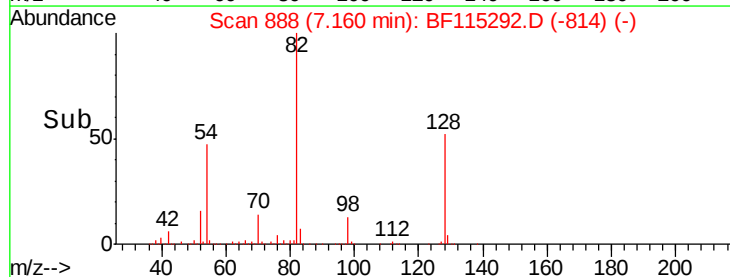
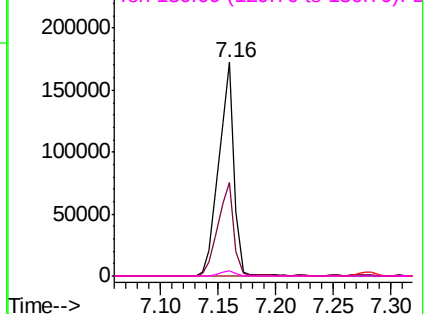


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

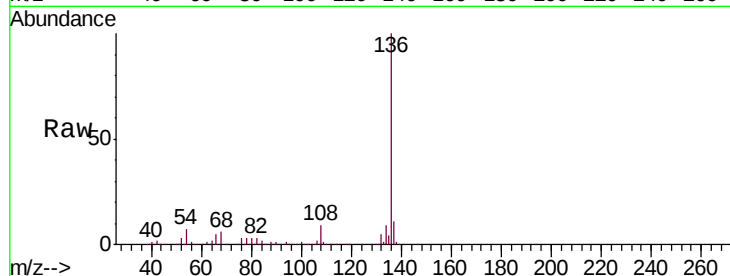




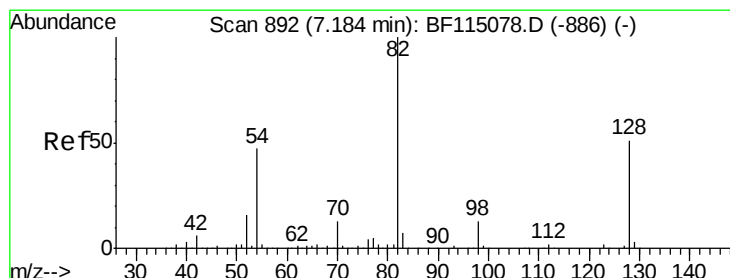
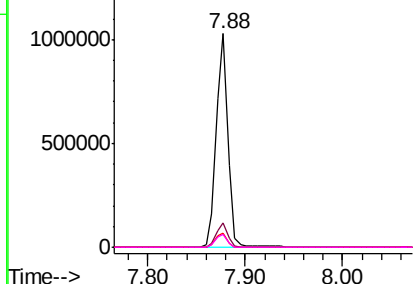
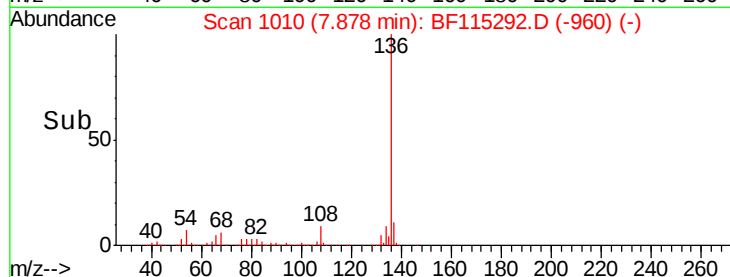
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

Instrument :
BNA_F
ClientSampleId :
SAMPLE-17

Tgt Ion:	136	Resp:	850381
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.8	5.6	8.4
68	6.0	4.8	7.2

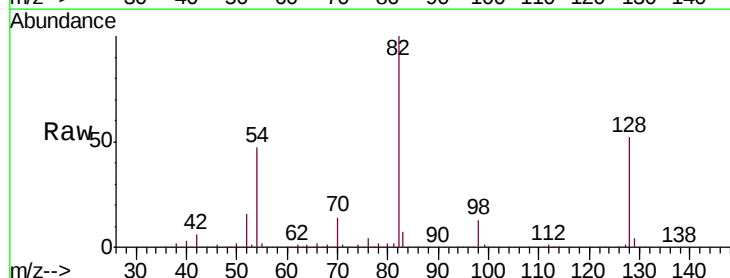


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

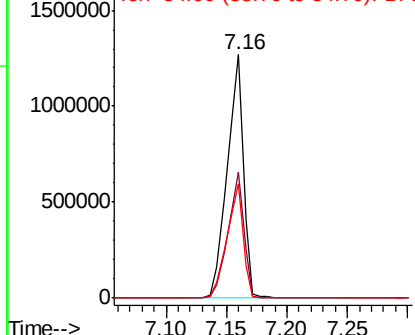
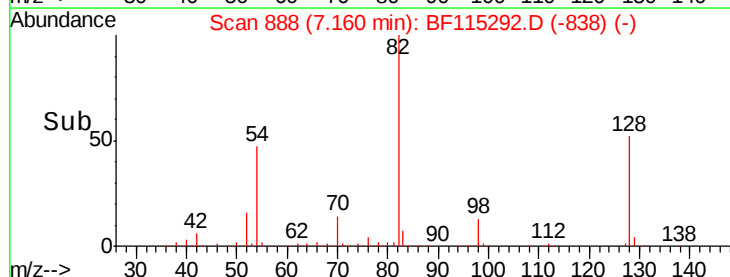


#23
Nitrobenzene-d5
Concen: 86.154 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

Tgt Ion:	82	Resp:	1190988
Ion	Ratio	Lower	Upper
82	100		
128	51.9	40.4	60.6
54	46.8	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: 41.929 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

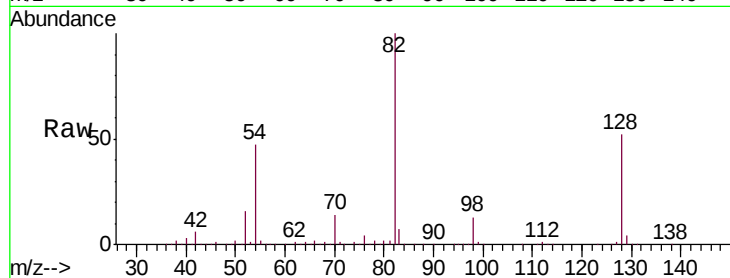
Tgt Ion: 82 Resp: 1187369

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

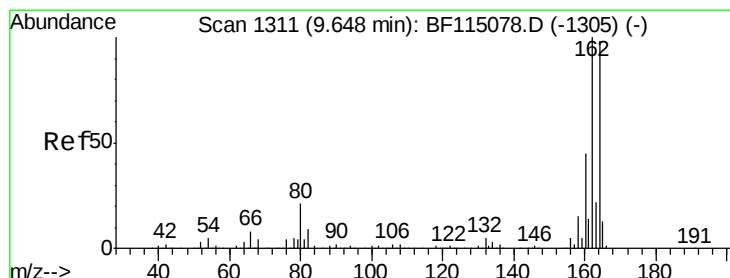
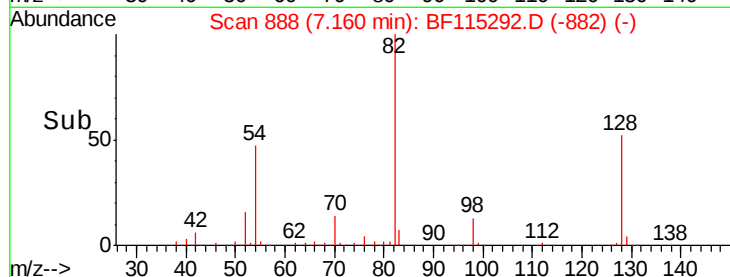
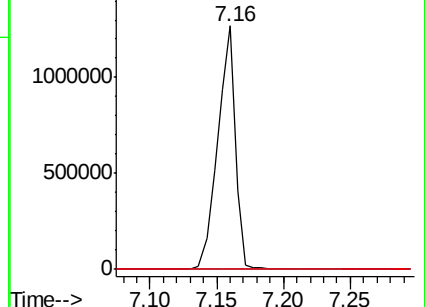
138 0.0 15.9 23.9#



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: 9.62 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

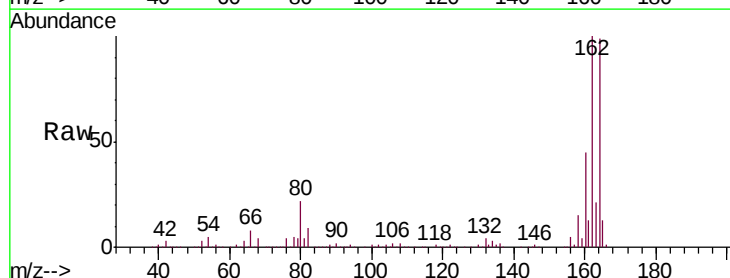
Tgt Ion: 164 Resp: 420889

Ion Ratio Lower Upper

164 100

162 101.1 81.7 122.5

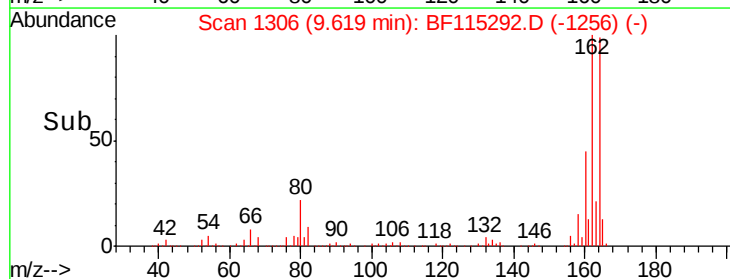
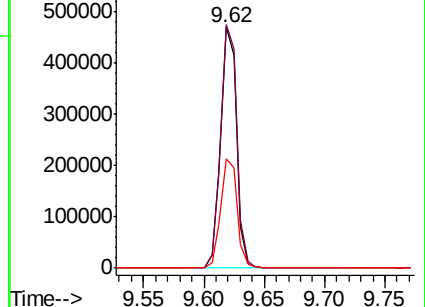
160 45.3 37.0 55.4



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: 132.574 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

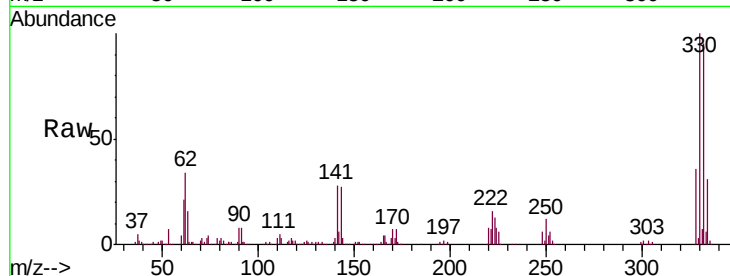
Tgt Ion:330 Resp: 588420

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

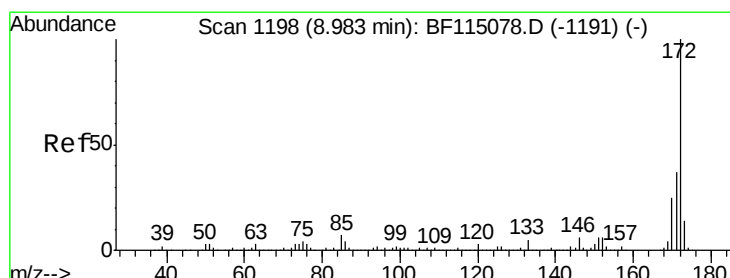
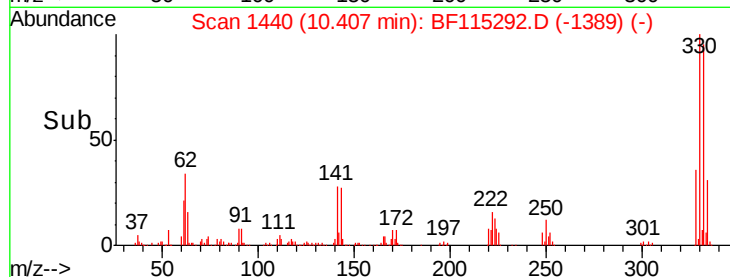
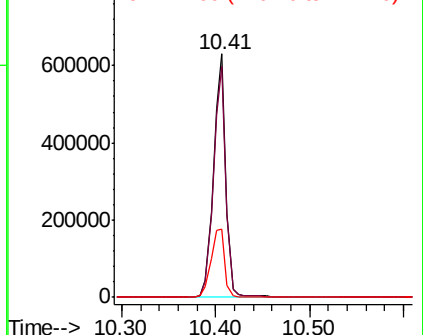
141 31.7 28.2 42.2



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: 89.986 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

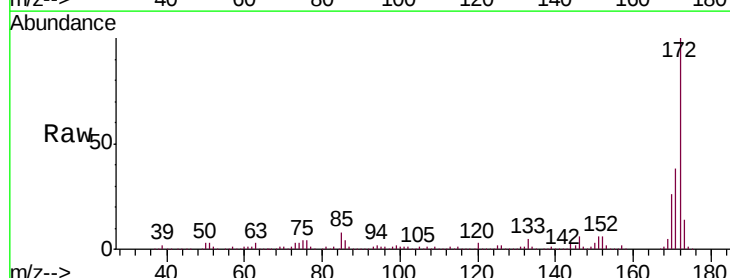
Tgt Ion:172 Resp: 2229687

Ion Ratio Lower Upper

172 100

171 37.7 29.8 44.6

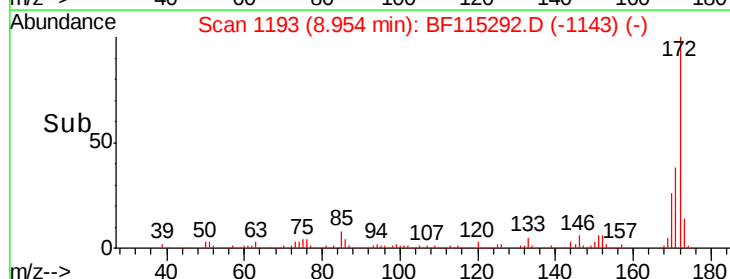
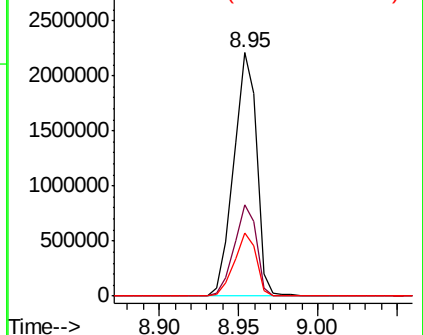
170 26.0 20.3 30.5



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

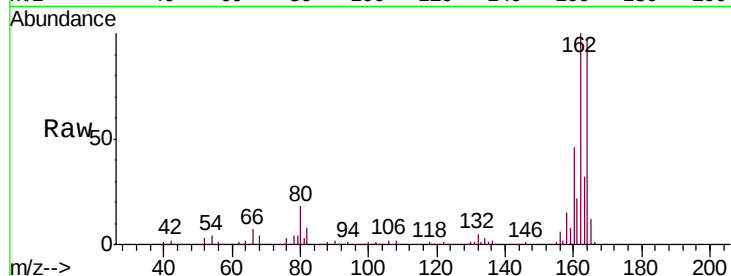




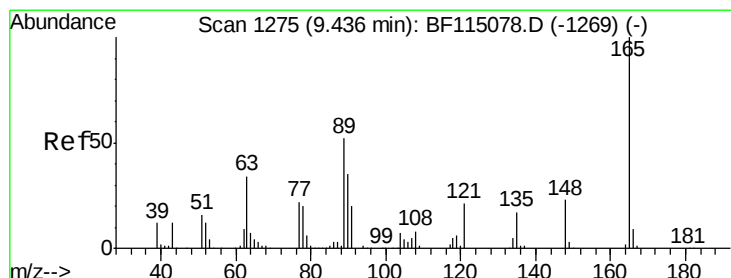
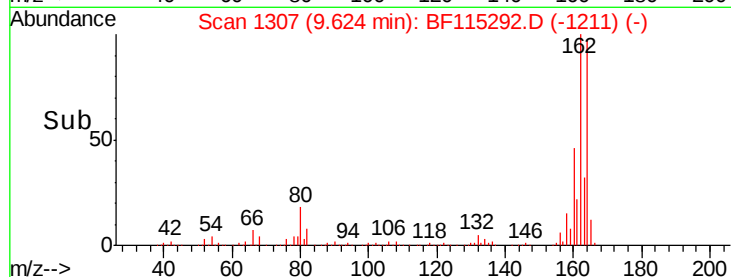
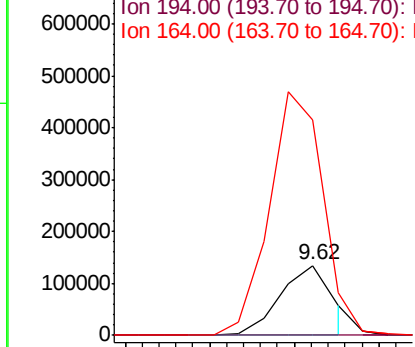
#50
Dimethylphthalate
Concen: 3.732 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

Instrument :
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Tgt Ion:163 Resp: 115549
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 307.2 8.6 13.0#

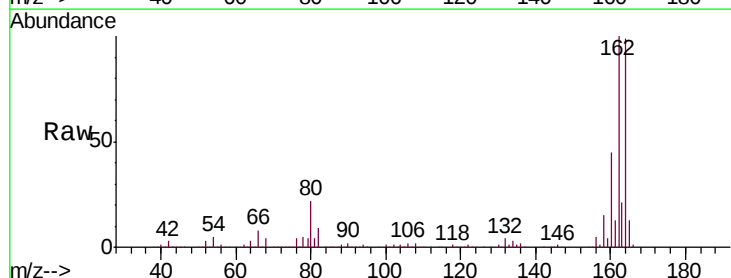


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

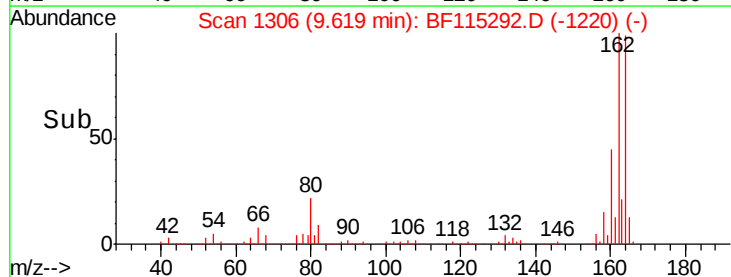
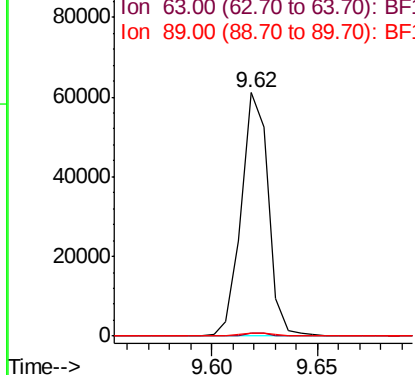


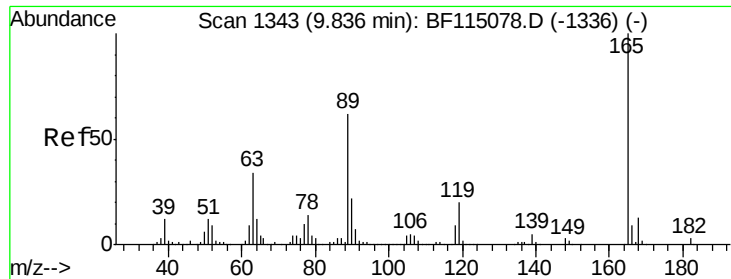
#51
2,6-Dinitrotoluene
Concen: 7.568 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

Tgt Ion:165 Resp: 54105
Ion Ratio Lower Upper
165 100
63 1.0 39.4 59.2#
89 1.1 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

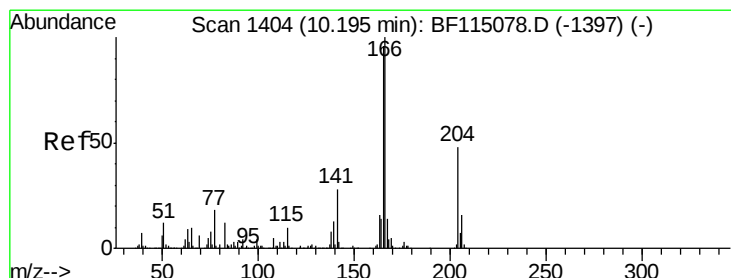
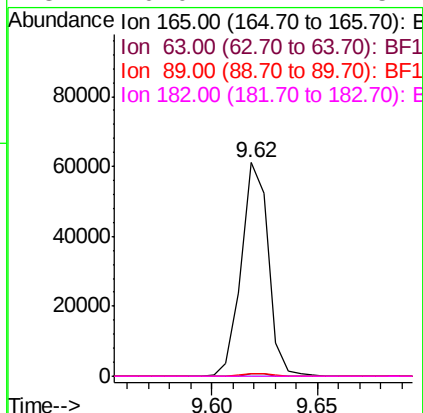
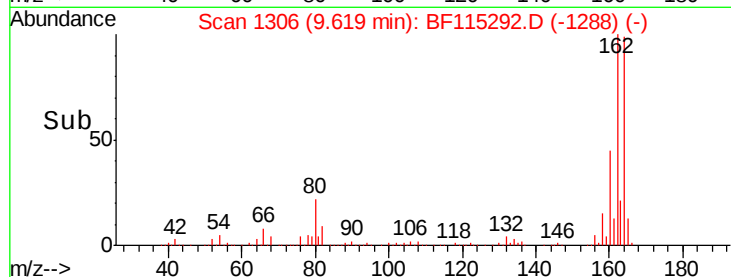
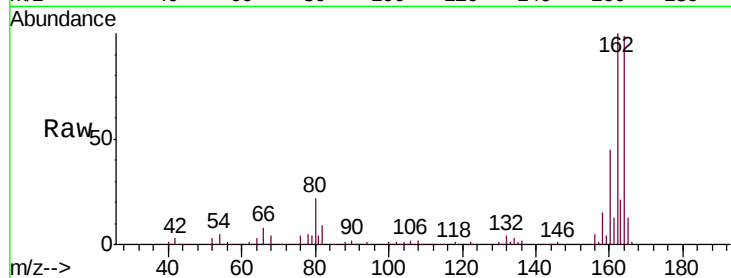




#57
2,4-Dinitrotoluene
Concen: 5.861 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

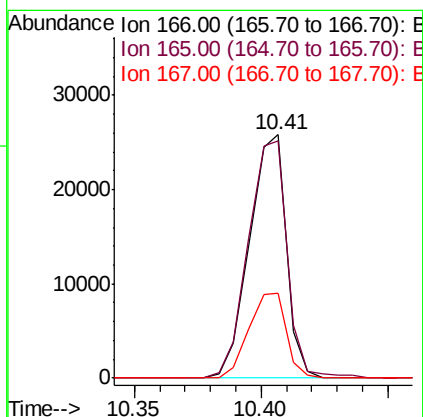
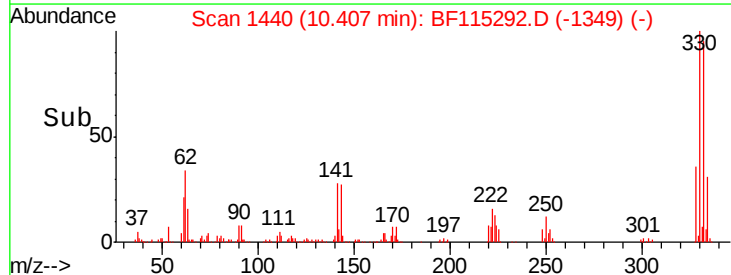
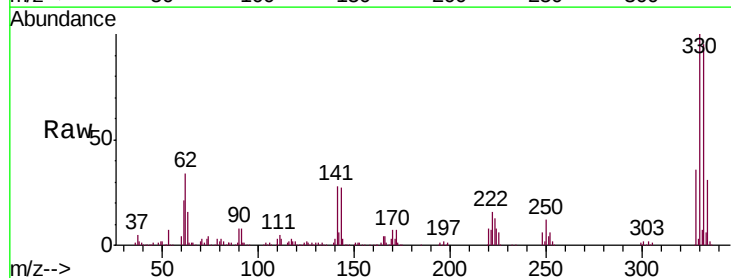
Instrument :
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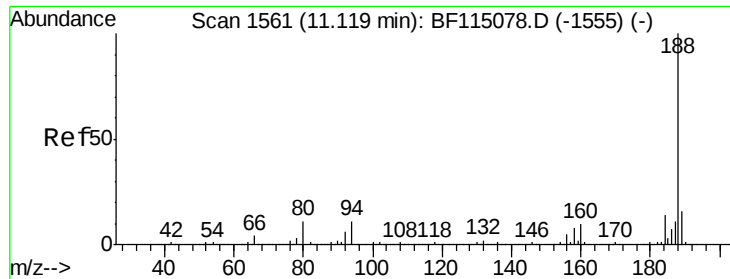
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	27.5	41.3#
89	1.1	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF115292.D
Acq: 28 Jun 2019 20:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.5	114.7
167	34.7	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

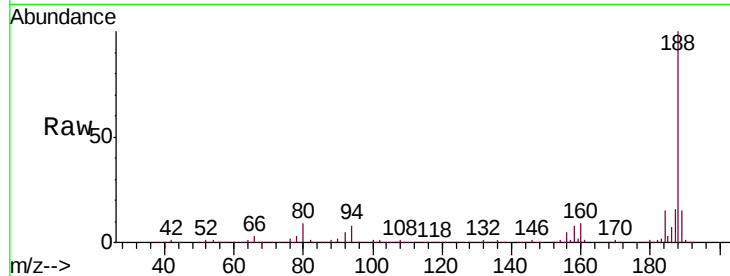
Tgt Ion:188 Resp: 844755

Ion Ratio Lower Upper

188 100

94 8.4 8.6 12.8#

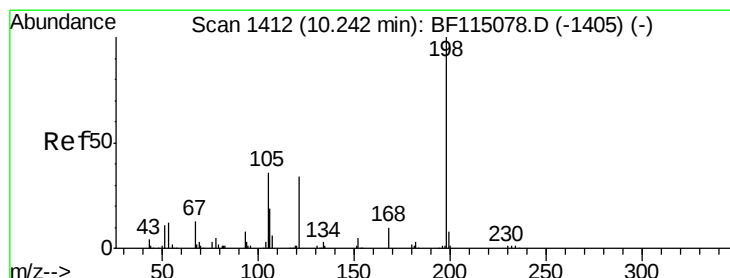
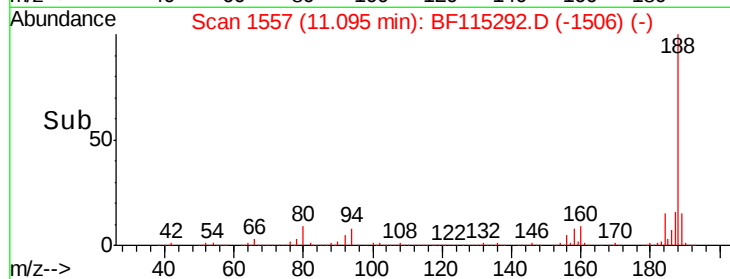
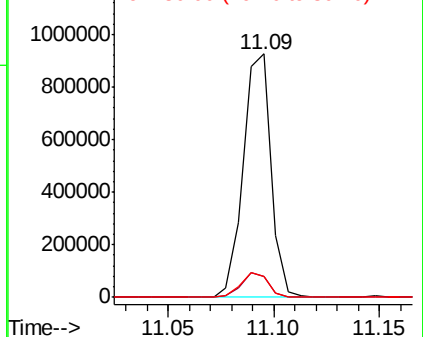
80 8.8 8.8 13.2#



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: 5.194 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

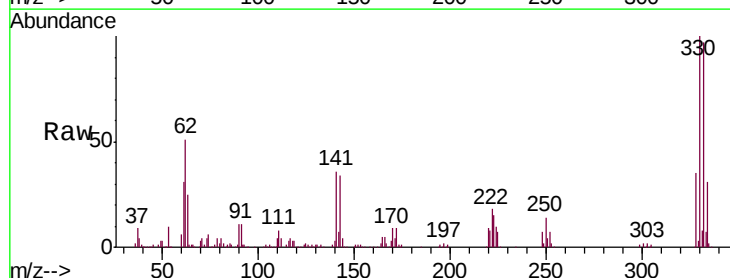
Tgt Ion:198 Resp: 1173

Ion Ratio Lower Upper

198 100

51 143.3 11.0 51.0#

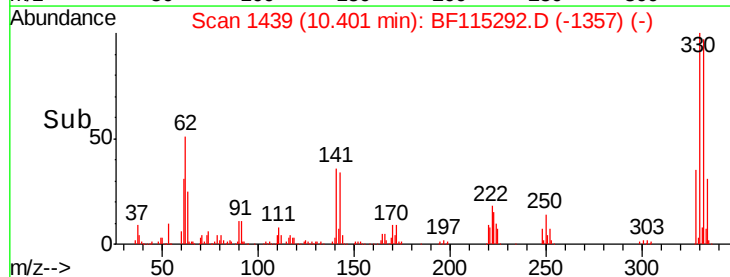
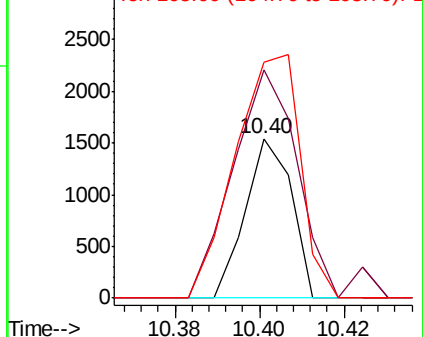
105 147.7 17.3 57.3#

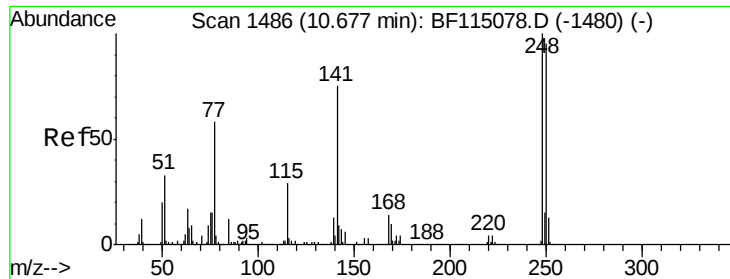


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

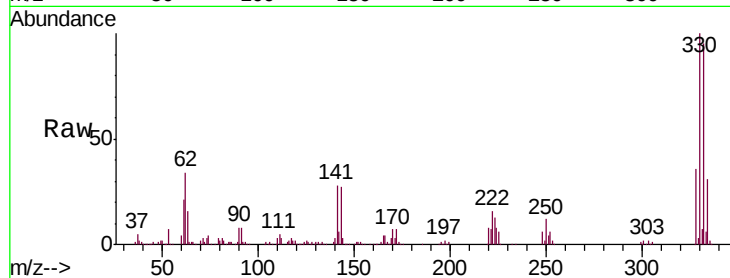




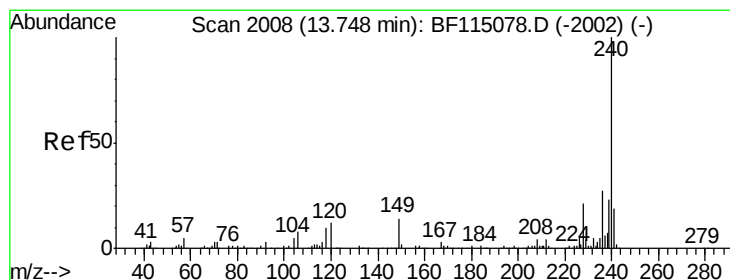
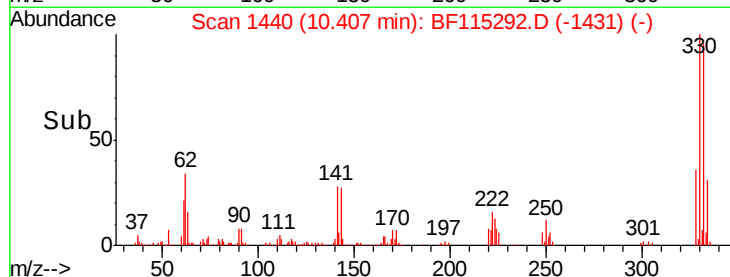
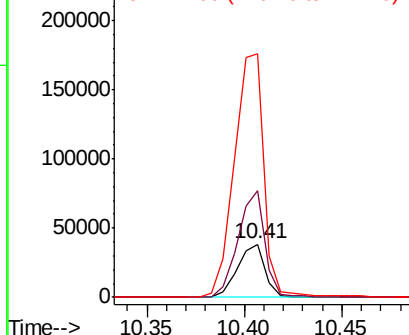
#67
 4-Bromophenyl-phenylether
 Concen: 4.057 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF115292.D
 Acq: 28 Jun 2019 20:10

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-17

Tgt Ion:248 Resp: 37155
 Ion Ratio Lower Upper
 248 100
 250 201.1 76.2 114.2#
 141 458.0 59.6 89.4#

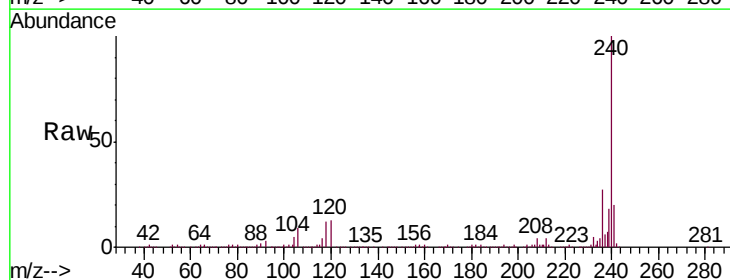


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

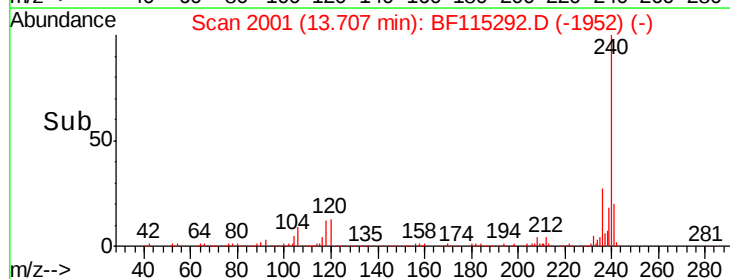
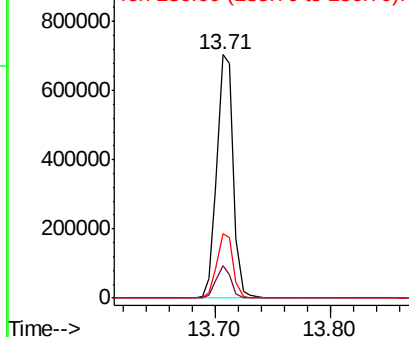


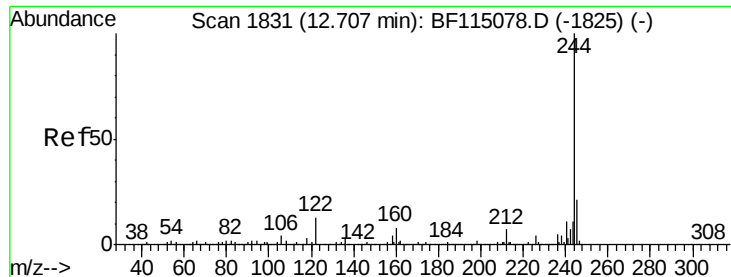
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF115292.D
 Acq: 28 Jun 2019 20:10

Tgt Ion:240 Resp: 695990
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.4 14.2
 236 26.6 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: 81.669 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

Instrument :

BNA_F

ClientSampleId :

SAMPLE-17

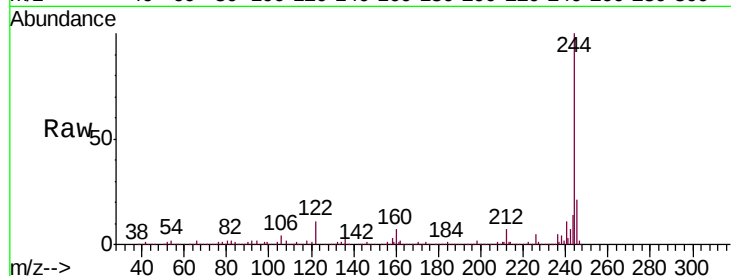
Tgt Ion:244 Resp: 2673414

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

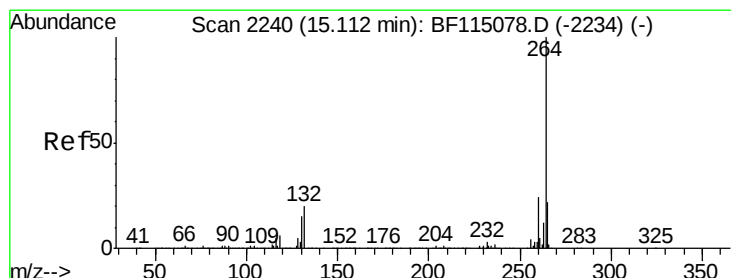
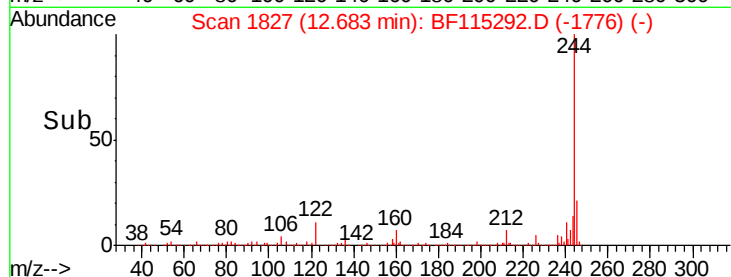
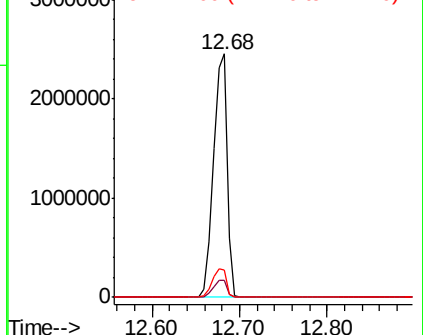
122 11.3 10.4 15.6



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: 15.07 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF115292.D

Acq: 28 Jun 2019 20:10

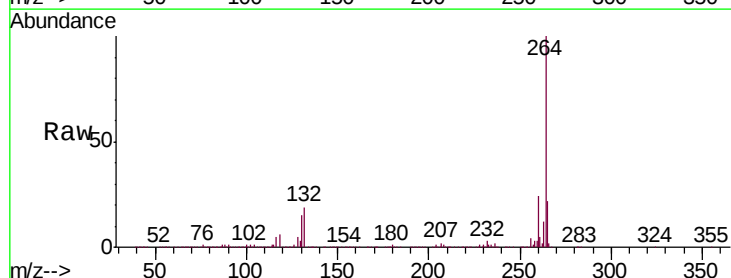
Tgt Ion:264 Resp: 695700

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.9 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

