

Data File : BF115303.D
Acq On : 29 Jun 2019 1:01
Operator : HP/JU
Sample : K3163-15 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Quant Time: Jun 29 02:40:40 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	290196	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1121713	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	548018	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	1049780	20.00	ng	0.00
76) Chrysene-d12	13.71	240	786266	20.00	ng	0.00
87) Perylene-d12	15.08	264	708736	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	575412	30.60	ng	0.00
7) Phenol-d6	6.23	99	726132	31.81	ng	0.00
23) Nitrobenzene-d5	7.15	82	410867	22.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.40	330	202224	34.99	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	847429	26.27	ng	0.00
79) Terphenyl-d14	12.68	244	937117	25.34	ng	0.00

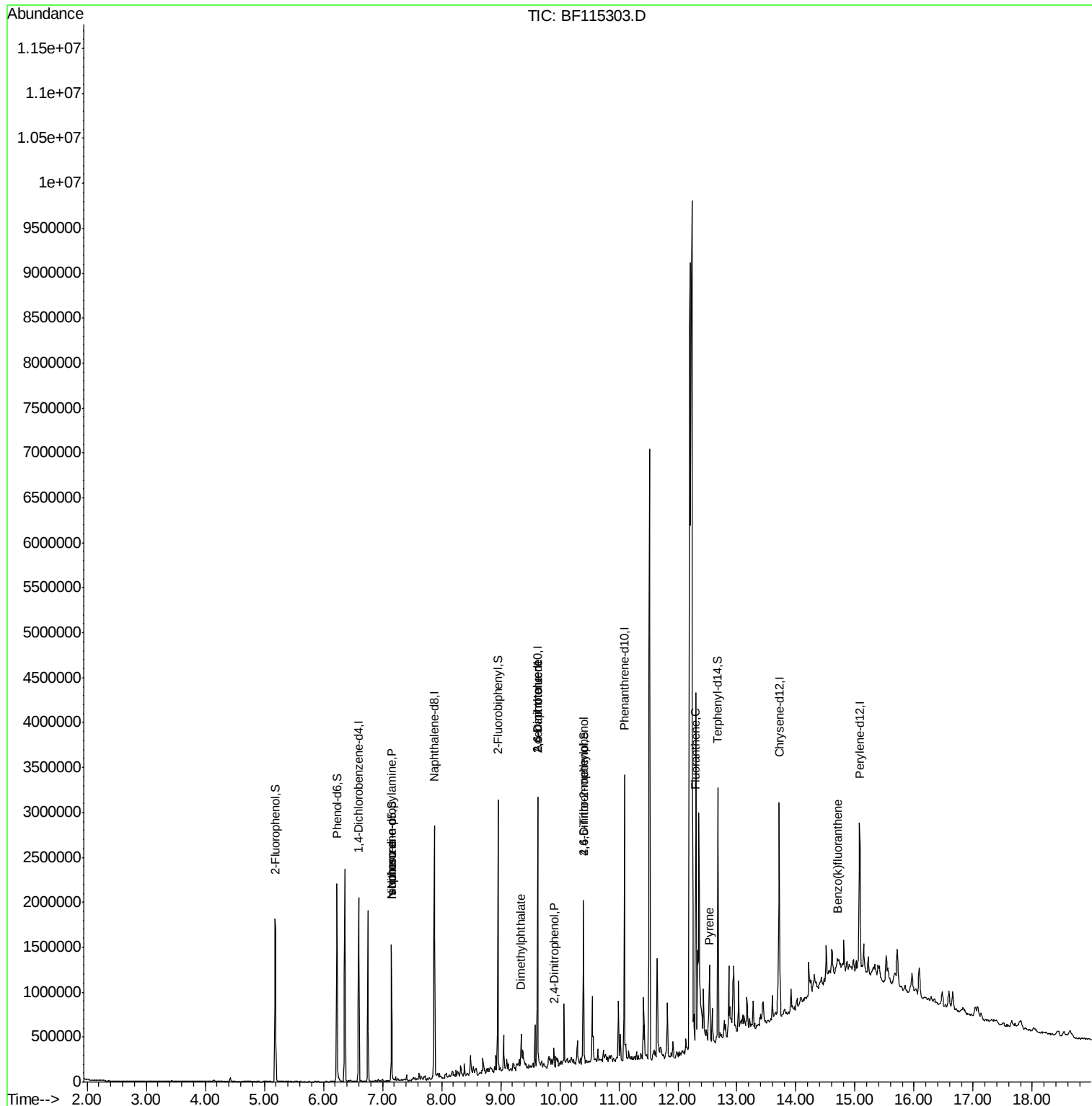
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.15	70	55740	3.814 ng	#	76
25) Isophorone	7.15	82	407803	10.917 ng	#	63
50) Dimethylphthalate	9.35	163	133948	3.322 ng		99
51) 2,6-Dinitrotoluene	9.62	165	75025	8.060 ng	#	29
54) 2,4-Dinitrophenol	9.91	184	120	7.367 ng	#	3
57) 2,4-Dinitrotoluene	9.62	165	75025	6.242 ng	#	31
58) Fluorene	10.17	166	9275	Below Cal	#	89
61) 4-Chlorophenyl-phenylether	10.12	204	287	Below Cal	#	1
65) 4,6-Dinitro-2-methylphenol	10.40	198	609	5.058 ng	#	1
75) Fluoranthene	12.30	202	127128	2.254 ng		97
78) Pyrene	12.52	202	121960	2.018 ng		98
89) Benzo(k)fluoranthene	14.70	252	87302	2.201 ng	#	78

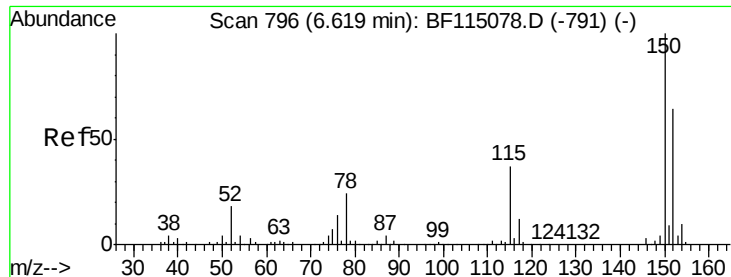
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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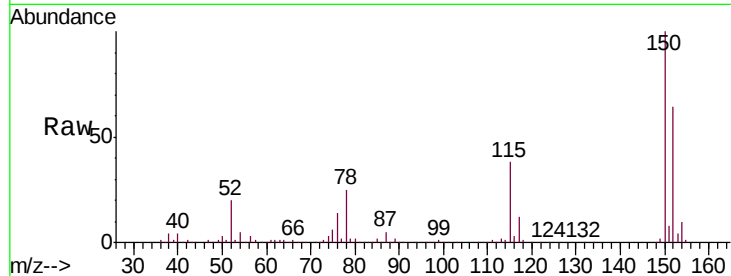


#1

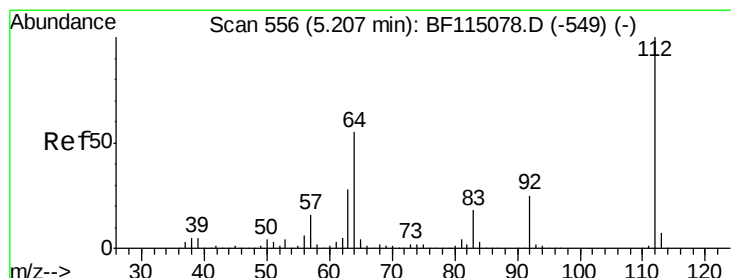
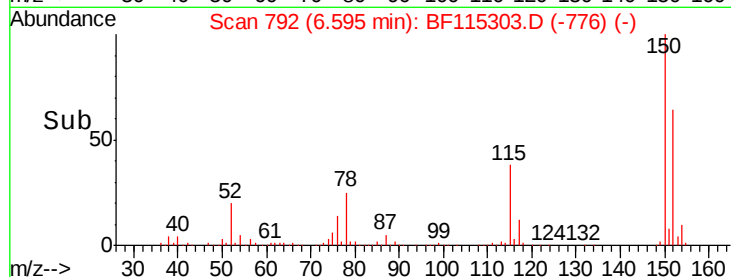
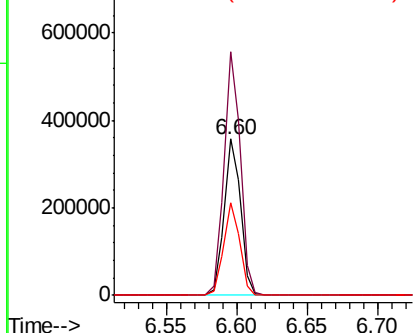
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	59.5	46.1	69.1



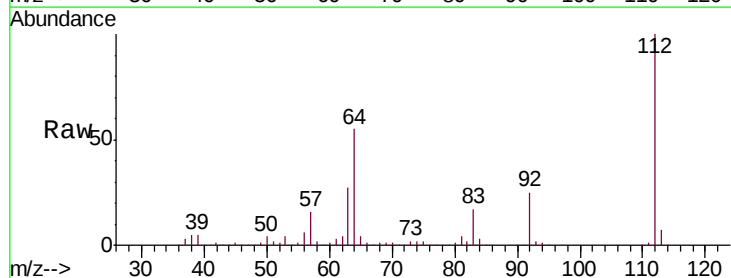
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



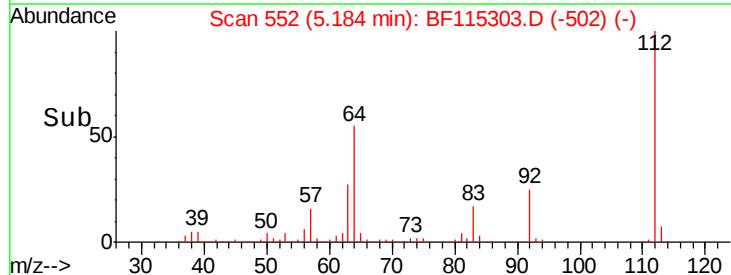
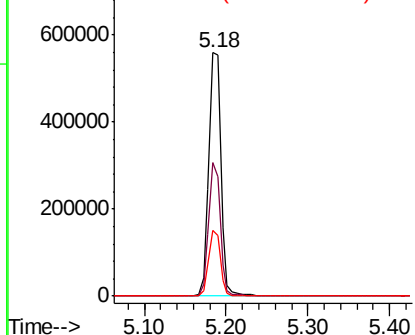
#5

2-Fluorophenol
Concen: 30.599 ng
RT: 5.18 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.8	65.6
63	26.9	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: 31.813 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

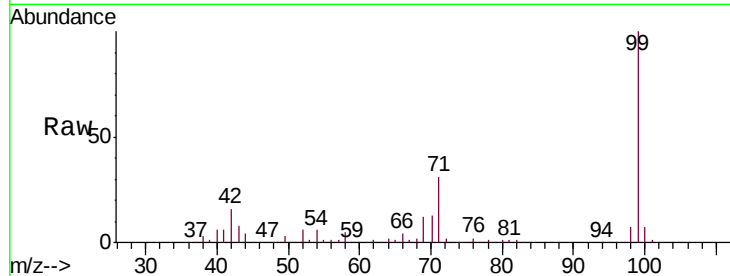
Tgt Ion: 99 Resp: 726132

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

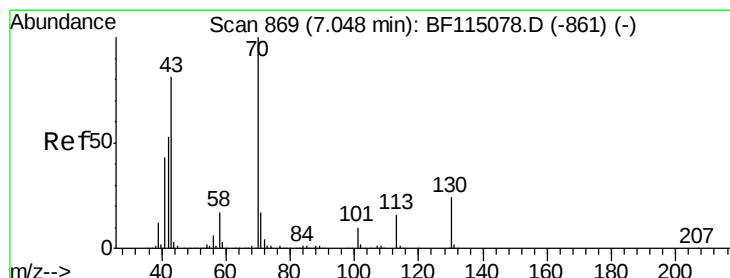
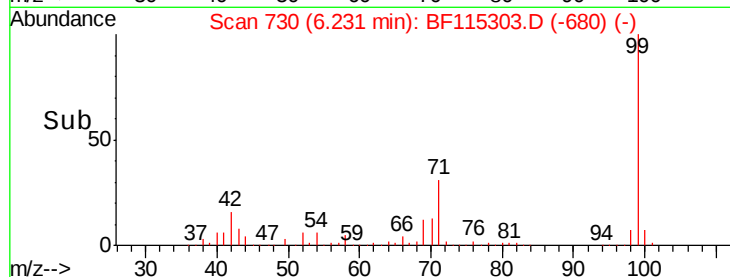
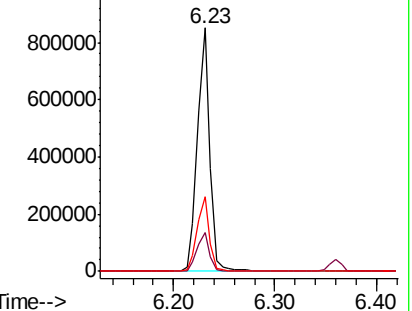
71 30.8 25.5 38.3



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: 3.814 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

Tgt Ion: 70 Resp: 55740

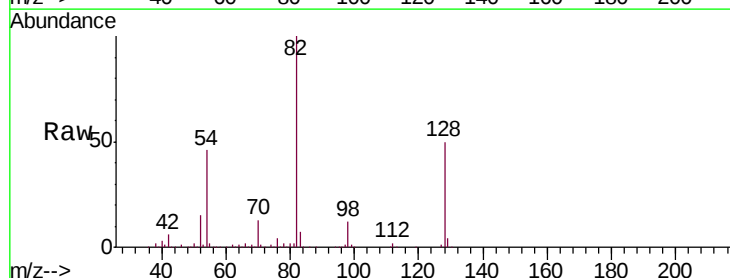
Ion Ratio Lower Upper

70 100

42 43.6 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 19.4 29.0#

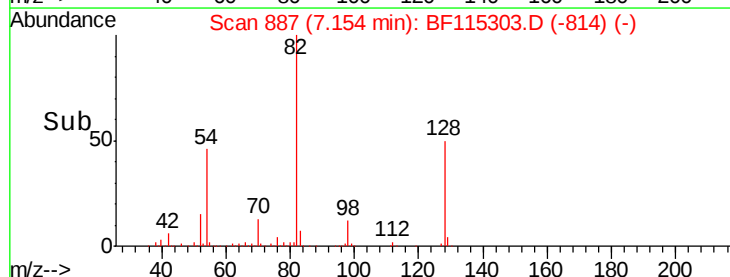
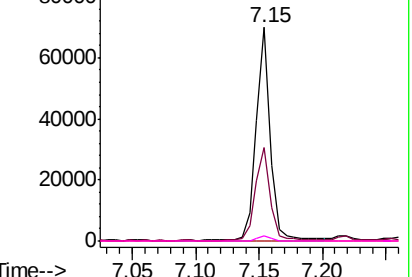


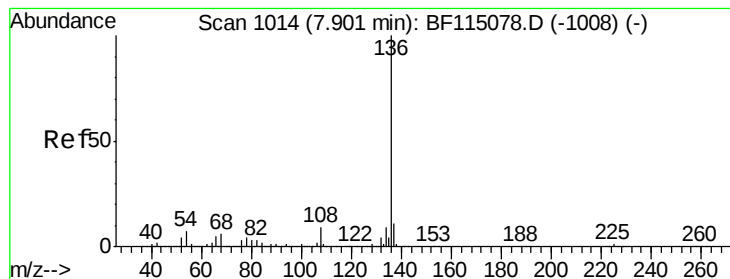
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF115303.D

Acq: 29 Jun 2019 1:01

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

Tgt Ion:136 Resp: 1121713

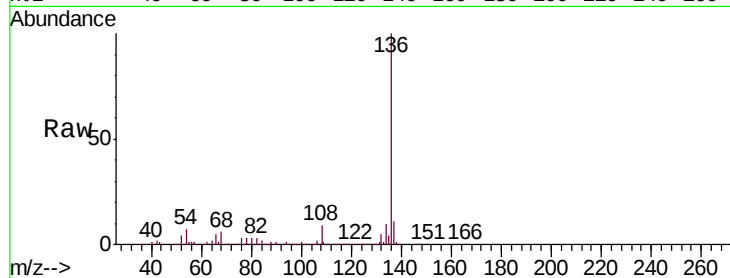
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.0 5.6 8.4

68 6.0 4.8 7.2

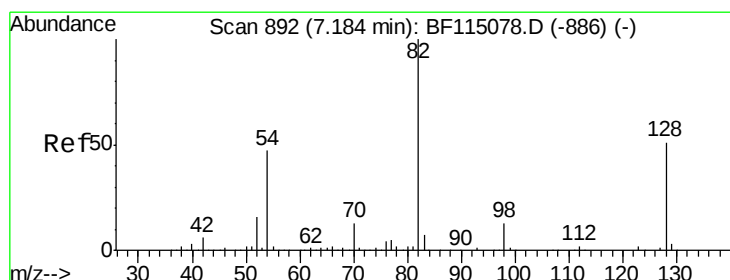
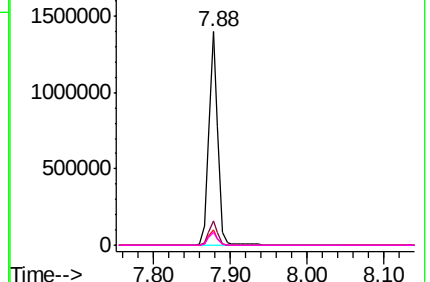
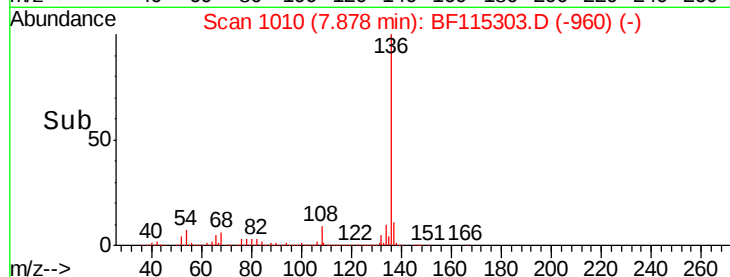


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.532 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

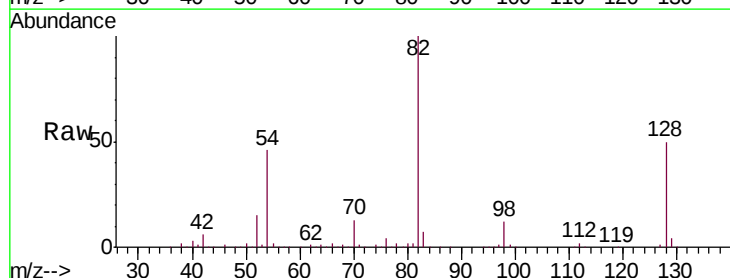
Tgt Ion: 82 Resp: 410867

Ion Ratio Lower Upper

82 100

128 49.7 40.4 60.6

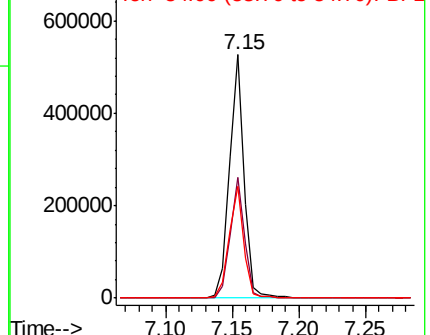
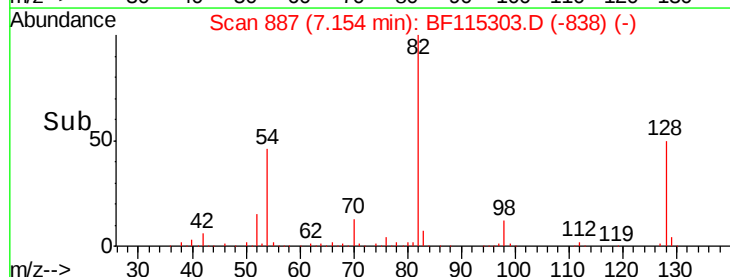
54 45.7 37.5 56.3



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: 10.917 ng

RT: 7.15 min Scan# 887

Delta R.T. -0.27 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

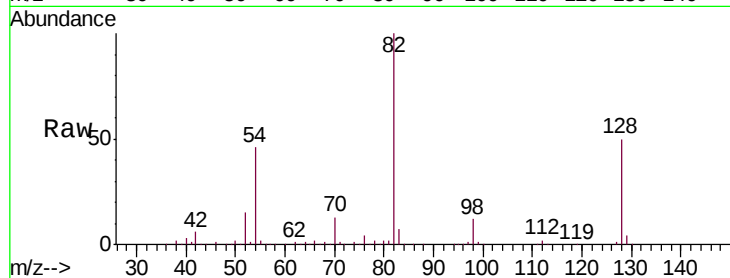
Tgt Ion: 82 Resp: 407803

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

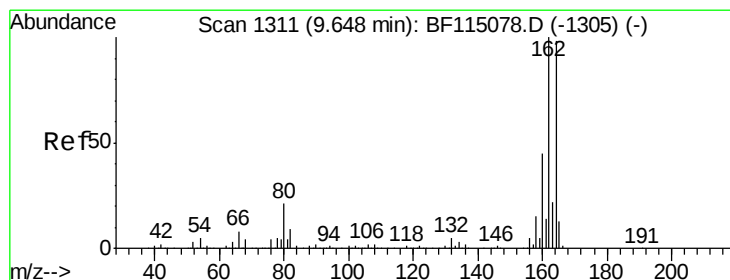
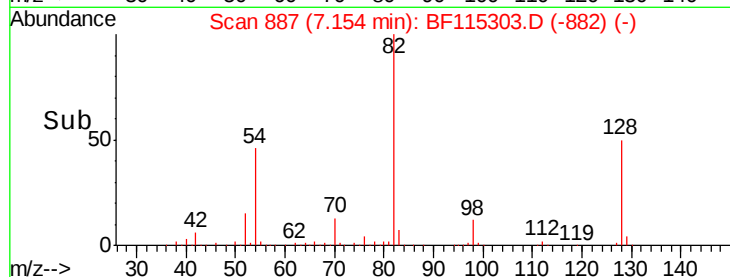
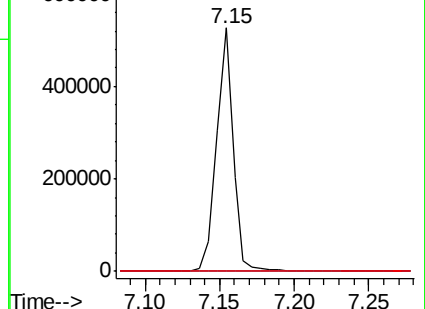
138 0.0 15.9 23.9#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

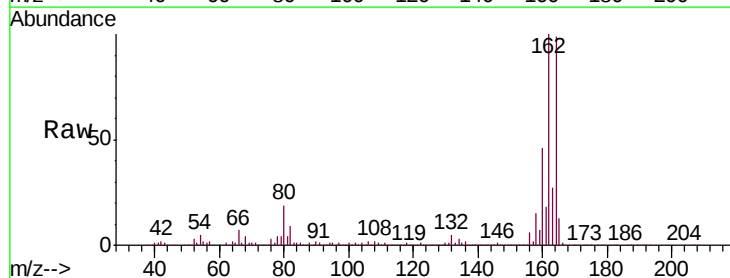
Tgt Ion: 164 Resp: 548018

Ion Ratio Lower Upper

164 100

162 100.9 81.7 122.5

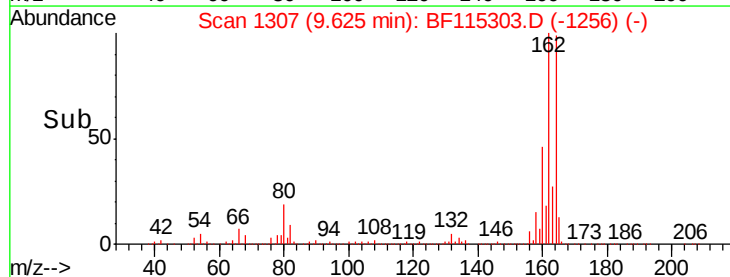
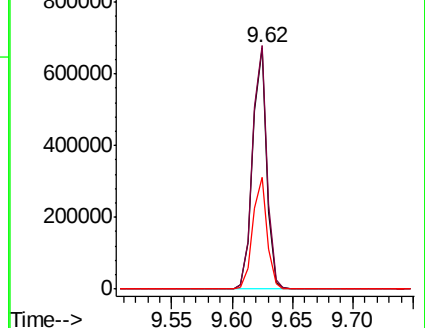
160 46.5 37.0 55.4

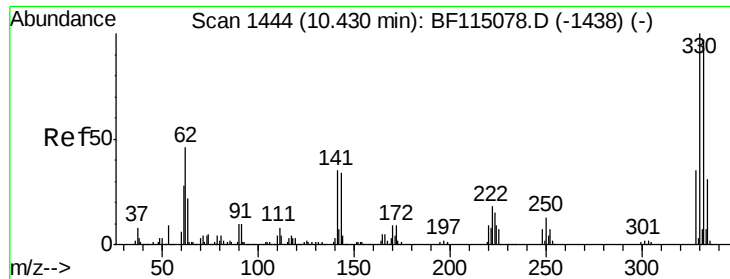


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

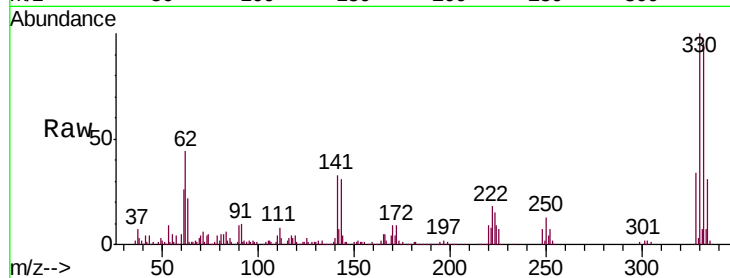




#42
 2,4,6-Tribromophenol
 Concen: 34.993 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF115303.D
 Acq: 29 Jun 2019 1:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062719-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.3	115.9
141	33.0	28.2	42.2

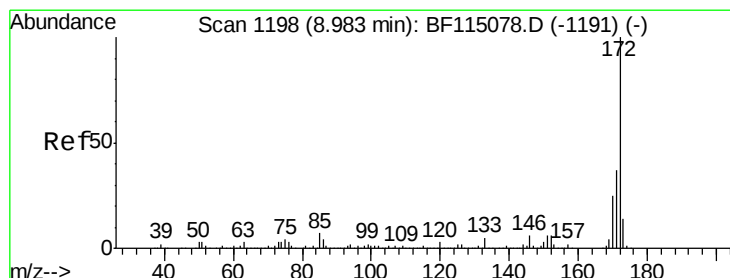
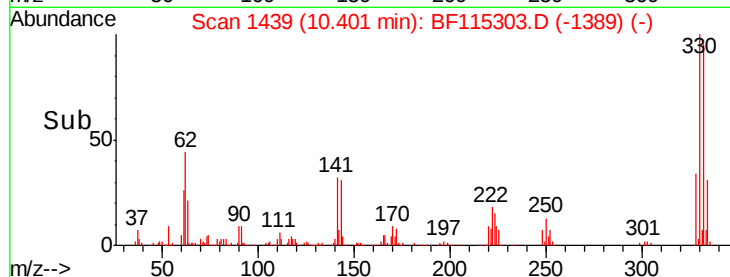
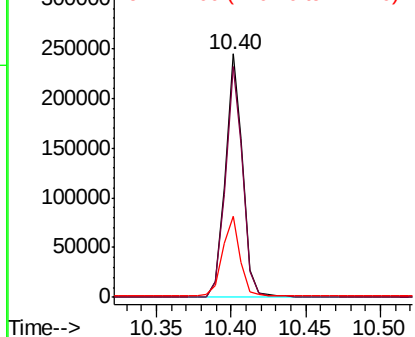


Abundance

Ion 329.80 (329.50 to 330.50): E

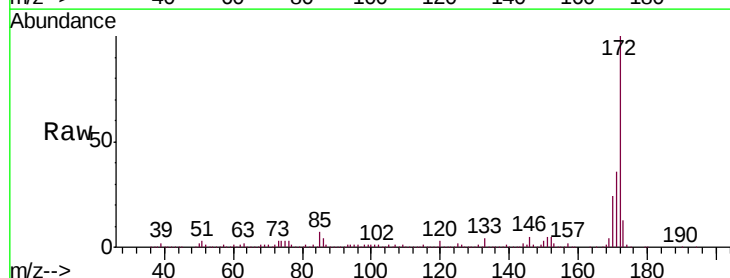
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 26.267 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115303.D
 Acq: 29 Jun 2019 1:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.8	44.6
170	23.9	20.3	30.5

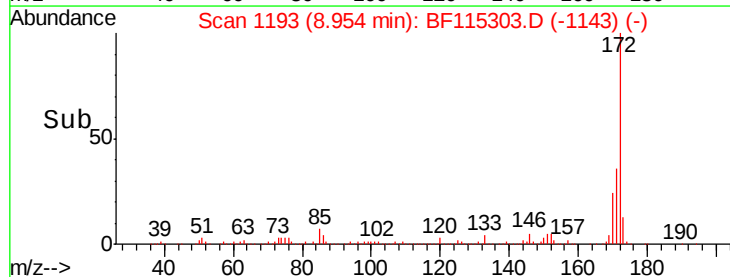
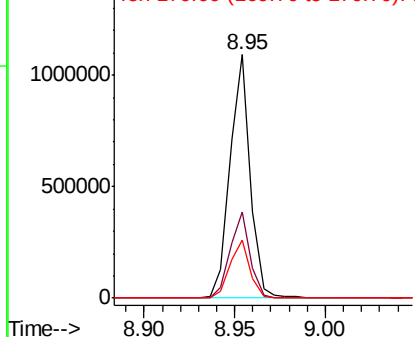


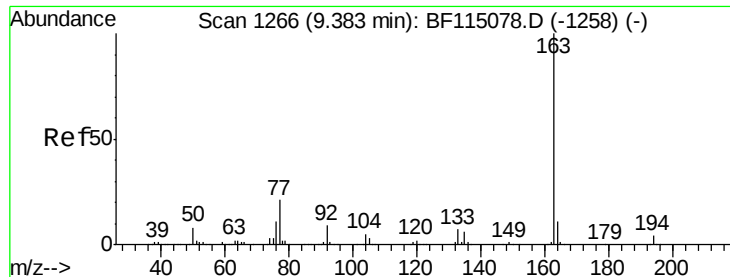
Abundance

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

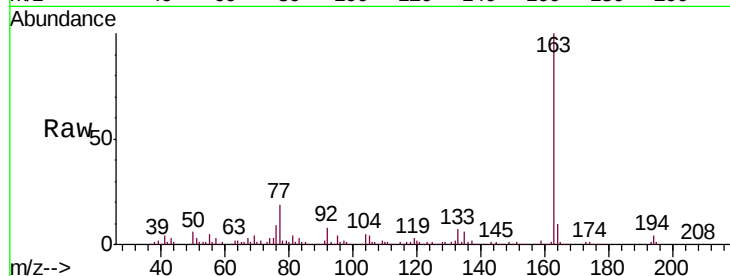




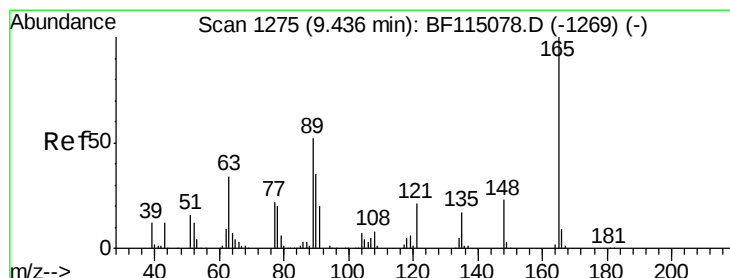
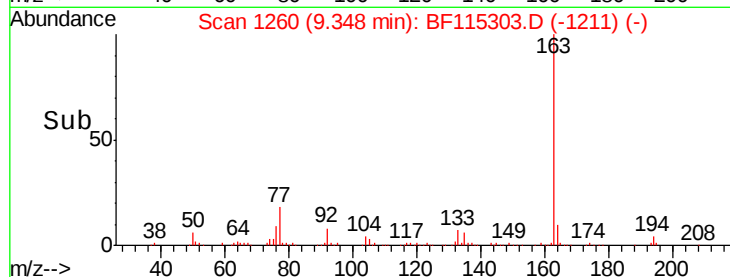
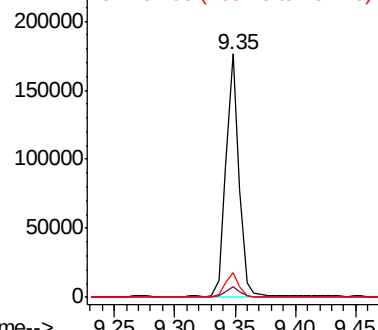
#50
Dimethylphthalate
Concen: 3.322 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115303.D
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Instrument :
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SU-01-062719-B

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.3	8.6	13.0

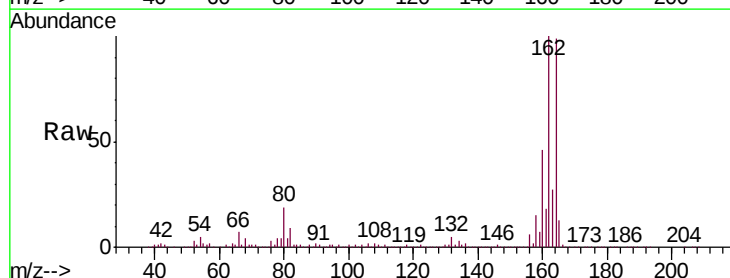


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

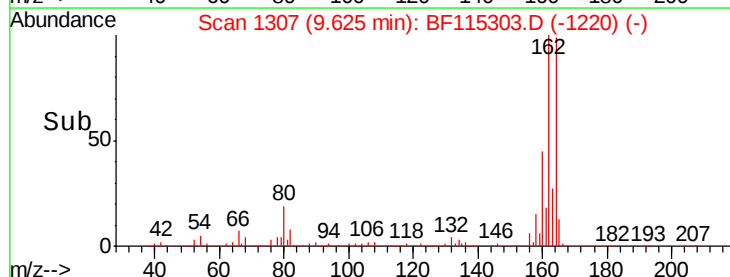
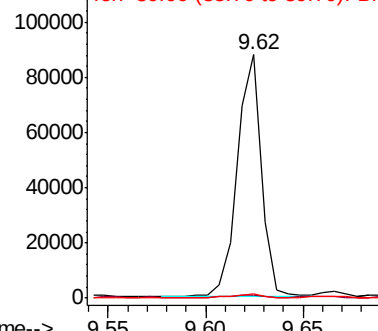


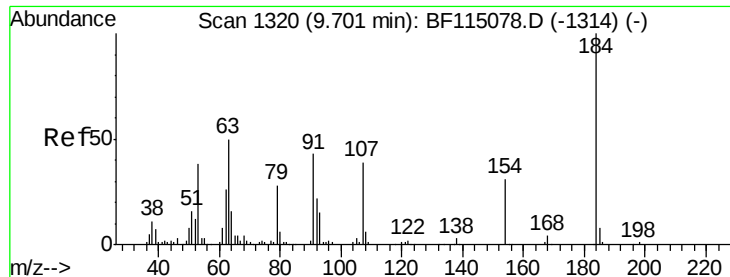
#51
2,6-Dinitrotoluene
Concen: 8.060 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.4	59.2#
89	1.8	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

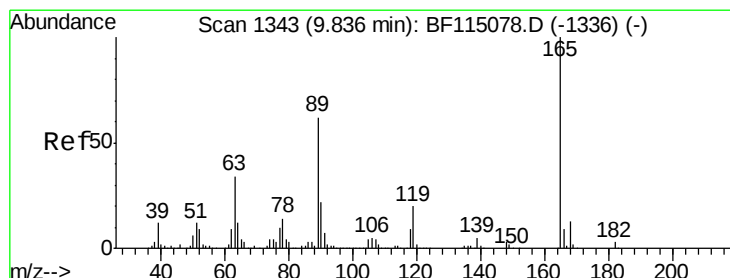
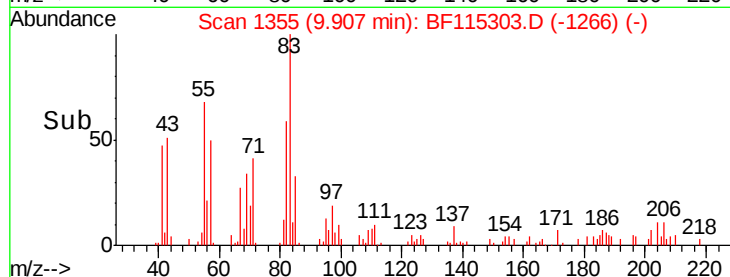
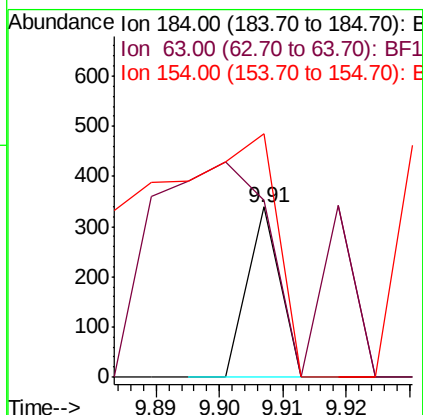
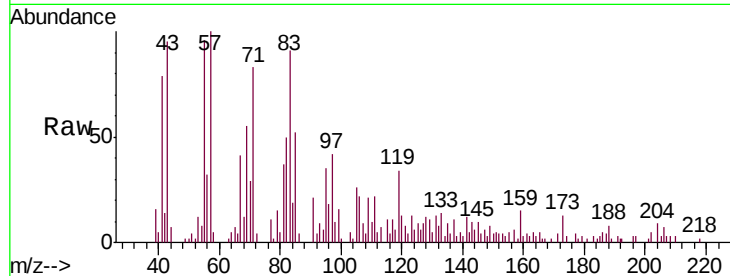




#54
2,4-Dinitrophenol
Concen: 7.367 ng
RT: 9.91 min Scan# 1355
Delta R.T. 0.22 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

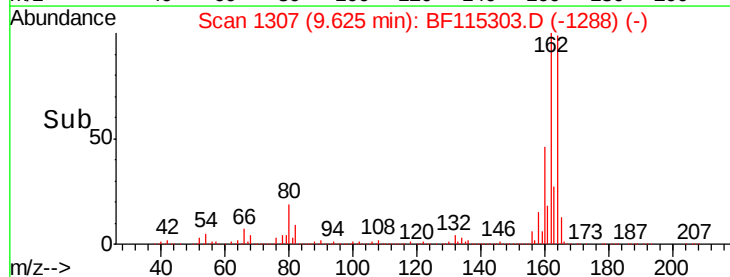
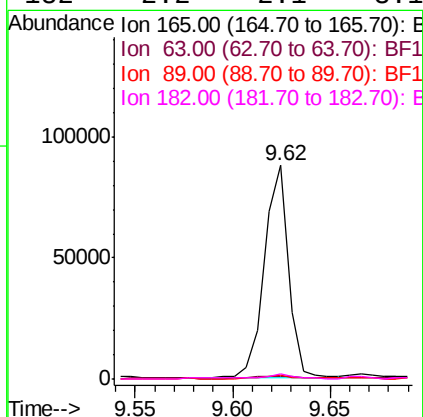
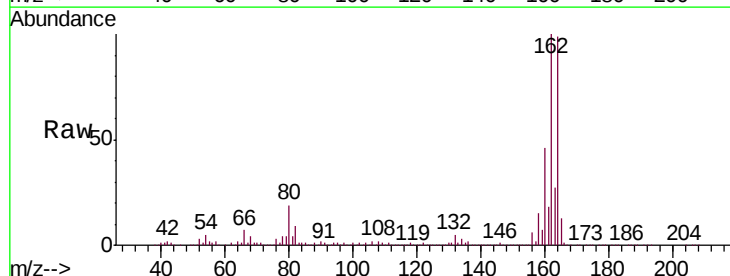
Instrument :
BNA_F
ClientSampleId :
SU-01-062719-B

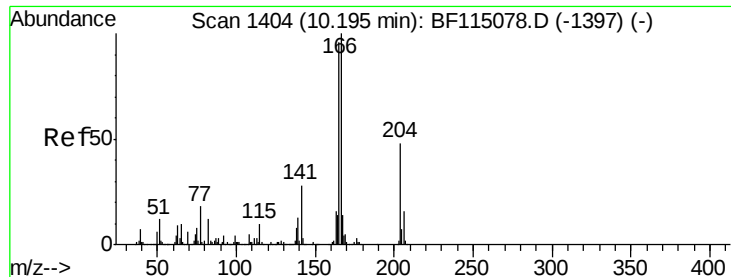
Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 103.8 41.9 62.9#
154 143.1 44.7 67.1#



#57
2,4-Dinitrotoluene
Concen: 6.242 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115303.D
Acq: 29 Jun 2019 1:01

Tgt Ion:165 Resp: 75025
Ion Ratio Lower Upper
165 100
63 1.2 27.5 41.3#
89 1.8 49.9 74.9#
182 2.2 2.1 3.1

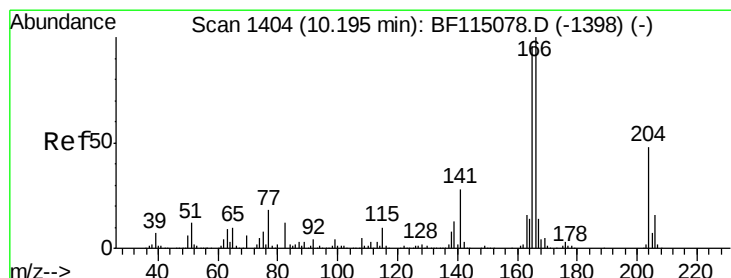
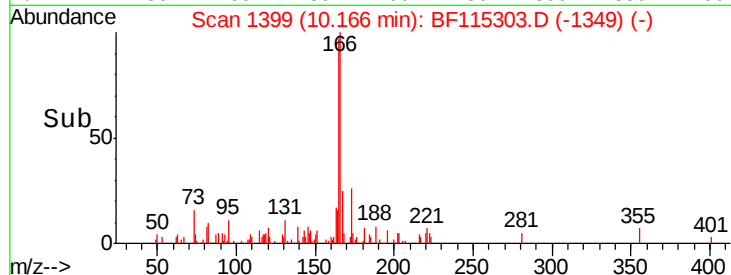
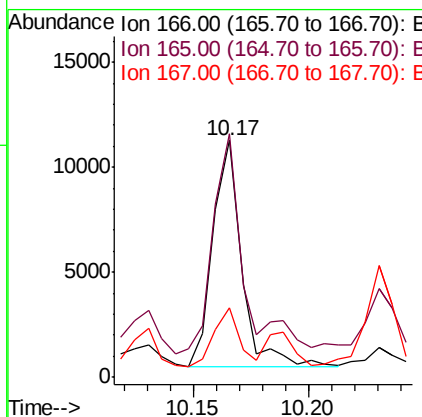
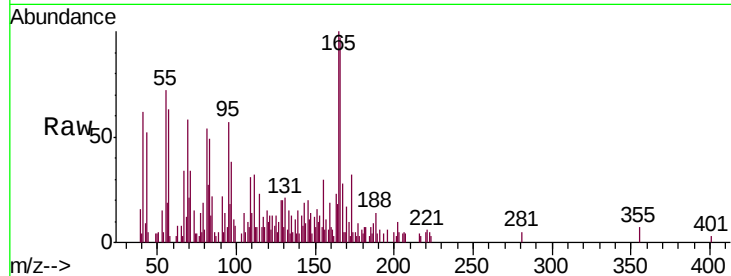




#58
 Fluorene
 Concen: Below Cal
 RT: 10.17 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF115303.D
 Acq: 29 Jun 2019 1:01

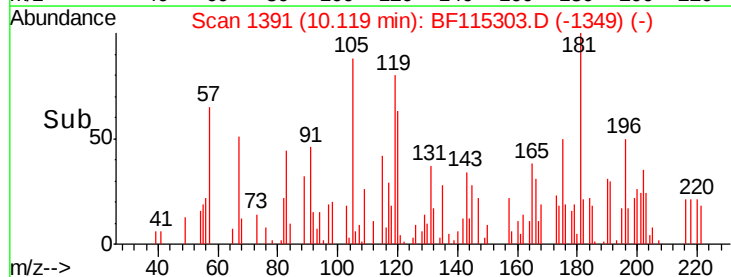
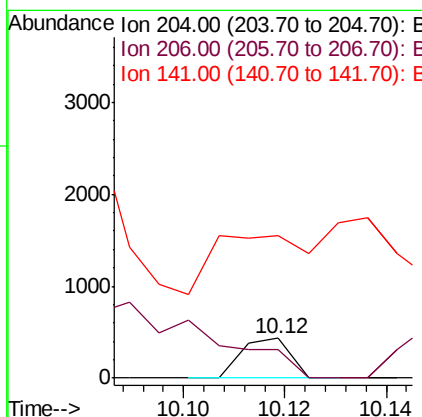
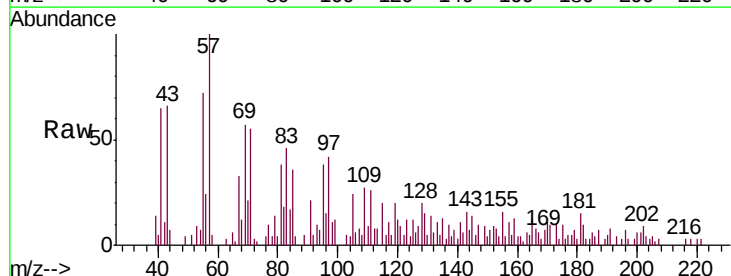
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-062719-B

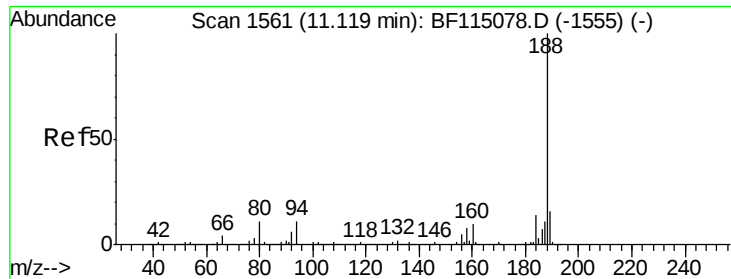
Tgt Ion: 166 Resp: 9275
 Ion Ratio Lower Upper
 166 100
 165 102.8 76.5 114.7
 167 29.2 11.0 16.4#



#61
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.12 min Scan# 1391
 Delta R.T. -0.05 min
 Lab File: BF115303.D
 Acq: 29 Jun 2019 1:01

Tgt Ion: 204 Resp: 287
 Ion Ratio Lower Upper
 204 100
 206 73.3 26.6 40.0#
 141 362.3 46.7 70.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

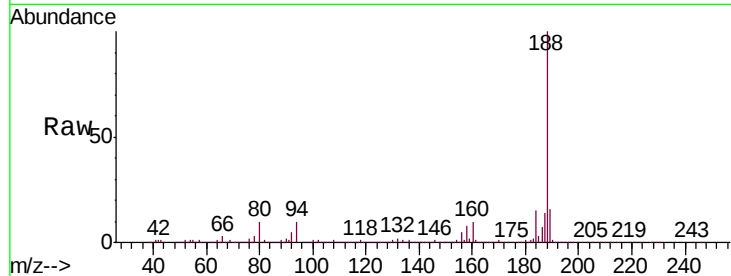
Tgt Ion:188 Resp: 1049780

Ion Ratio Lower Upper

188 100

94 9.9 8.6 12.8

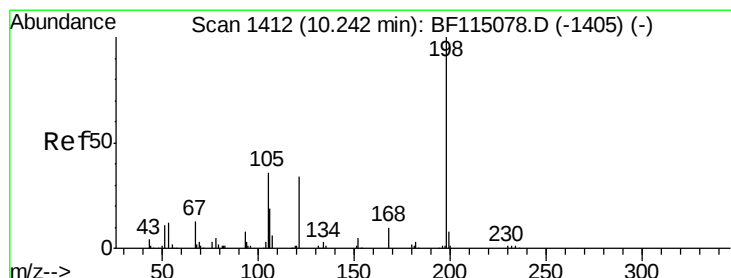
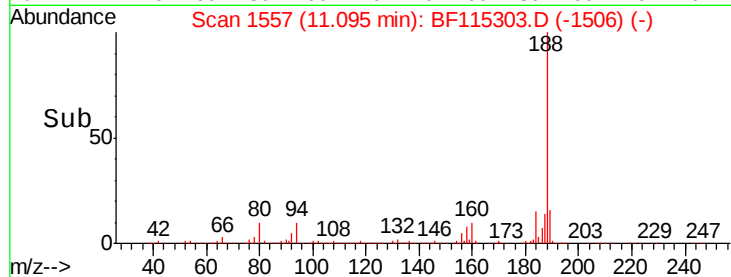
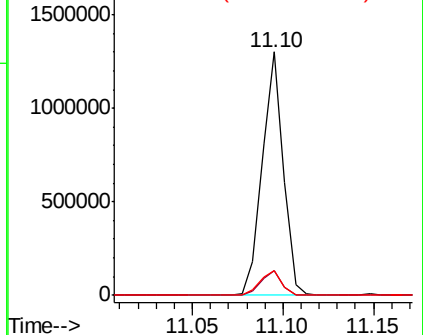
80 10.2 8.8 13.2



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: 5.058 ng

RT: 10.40 min Scan# 1439

Delta R.T. 0.18 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

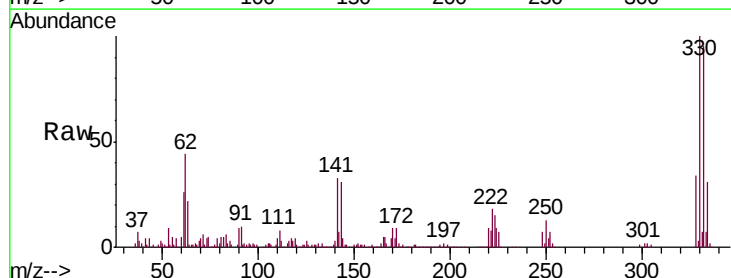
Tgt Ion:198 Resp: 609

Ion Ratio Lower Upper

198 100

51 181.2 11.0 51.0#

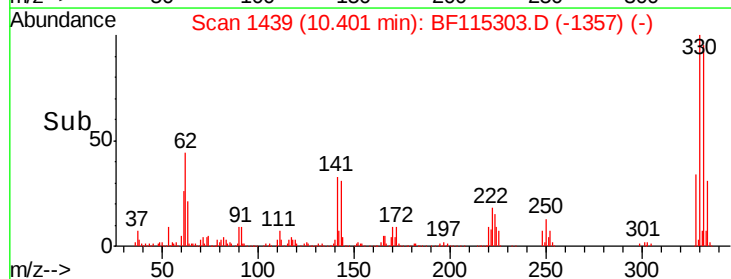
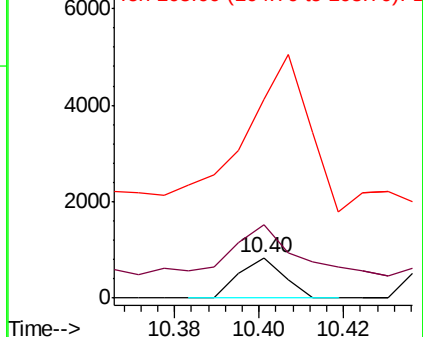
105 492.3 17.3 57.3#

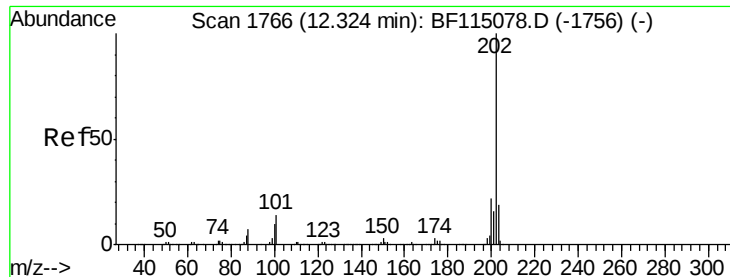


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Fluoranthene

Concen: 2.254 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

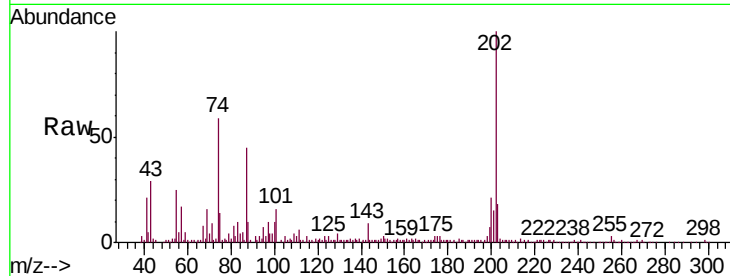
Tgt Ion: 202 Resp: 127128

Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.0

203 18.0 0.0 38.8

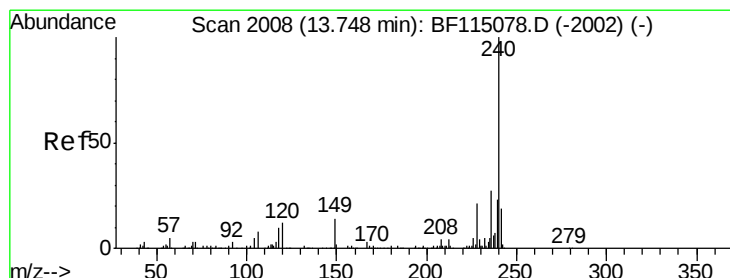
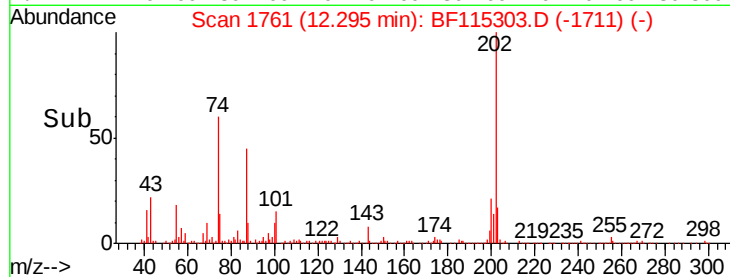
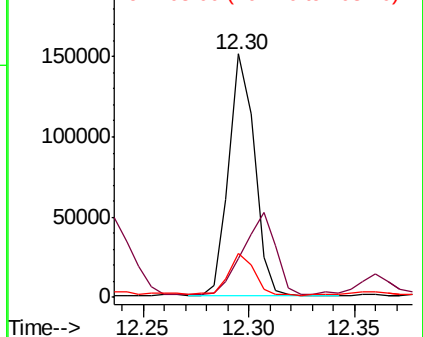


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

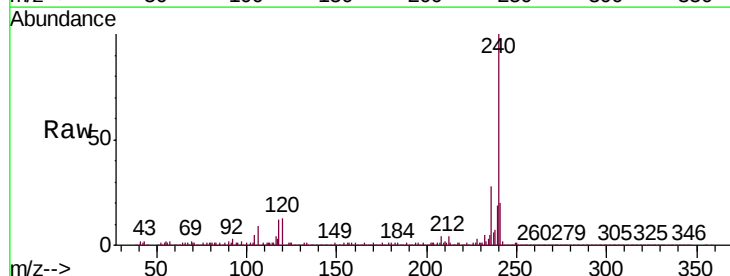
Tgt Ion: 240 Resp: 786266

Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

236 28.0 21.7 32.5

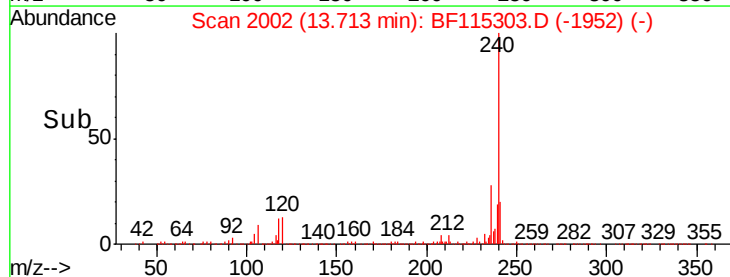
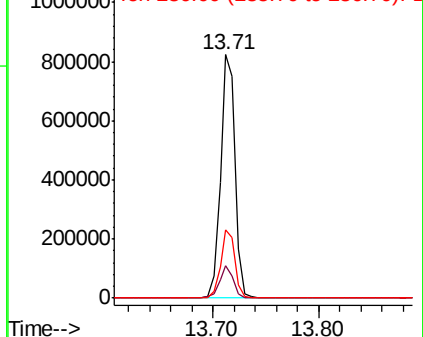


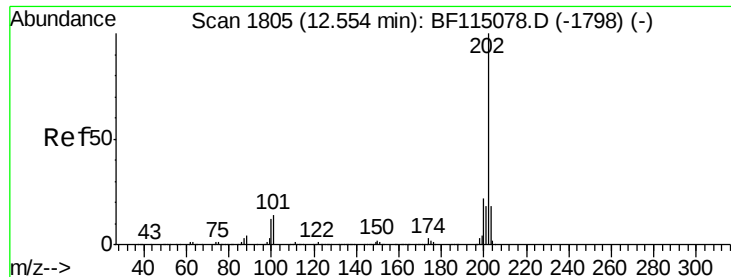
Abundance

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





#78

Pyrene

Concen: 2.018 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

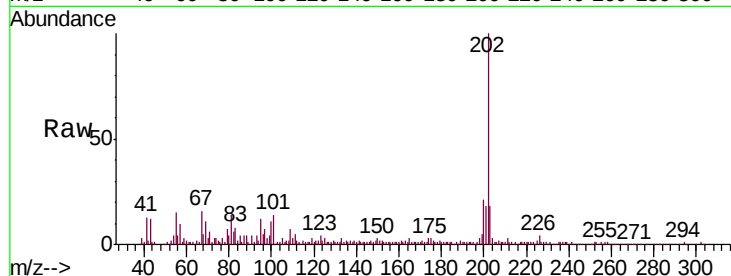
Tgt Ion:202 Resp: 121960

Ion Ratio Lower Upper

202 100

200 20.9 17.9 26.9

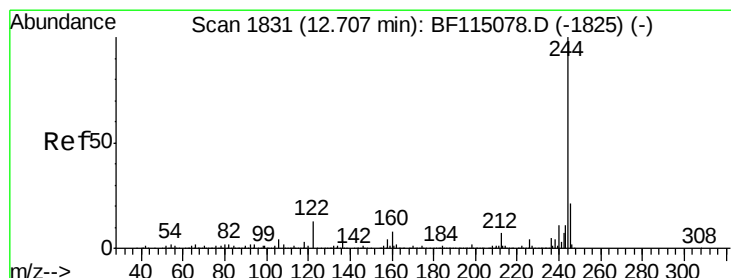
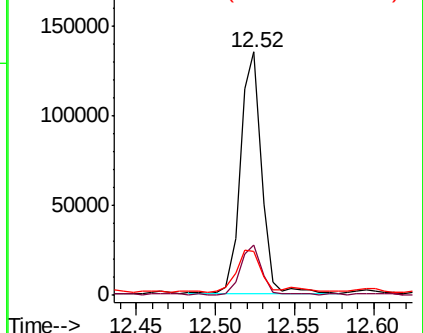
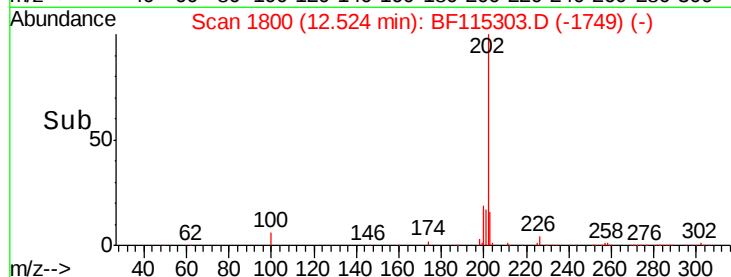
203 18.1 14.6 21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 25.341 ng

RT: 12.68 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

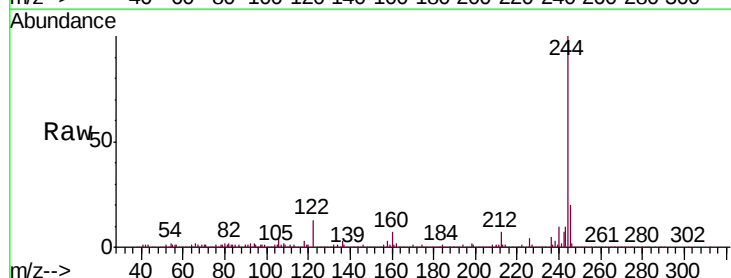
Tgt Ion:244 Resp: 937117

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

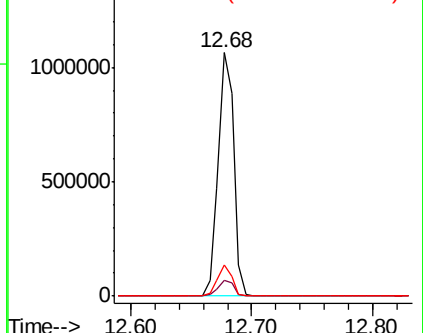
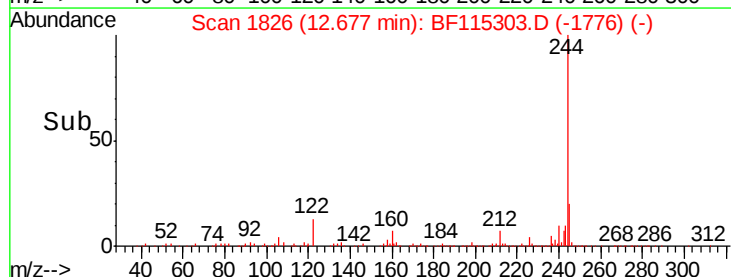
122 12.8 10.4 15.6

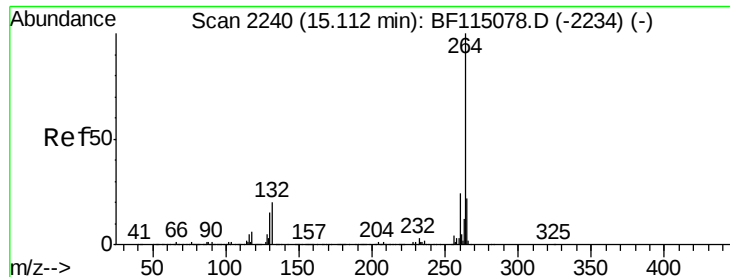


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115303.D

Acq: 29 Jun 2019 1:01

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-B

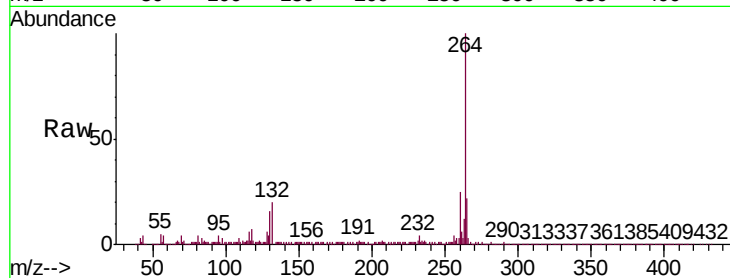
Tgt Ion: 264 Resp: 708736

Ion Ratio Lower Upper

264 100

260 25.1 19.6 29.4

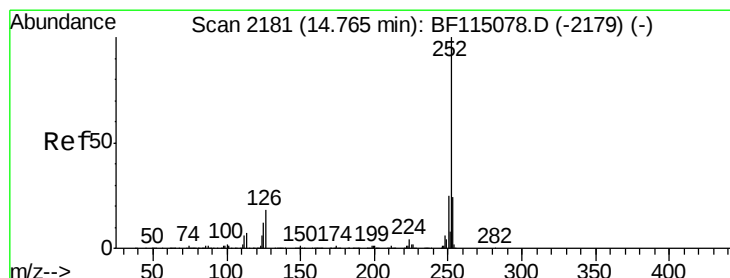
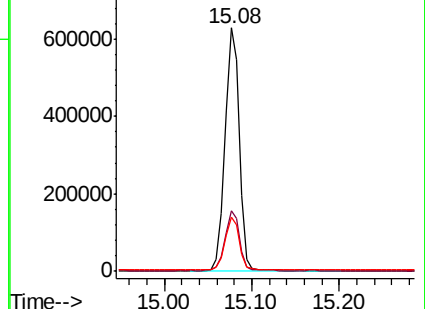
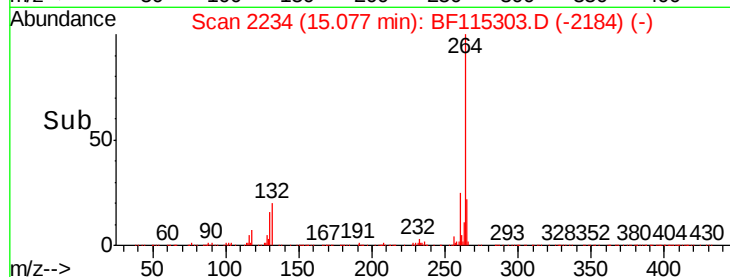
265 22.5 17.3 25.9



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



#89

Benzo(k)fluoranthene

Concen: 2.201 ng

RT: 14.70 min Scan# 2170

Delta R.T. -0.04 min

Lab File: BF115303.D

Acq: 29 Jun 2019 1:01

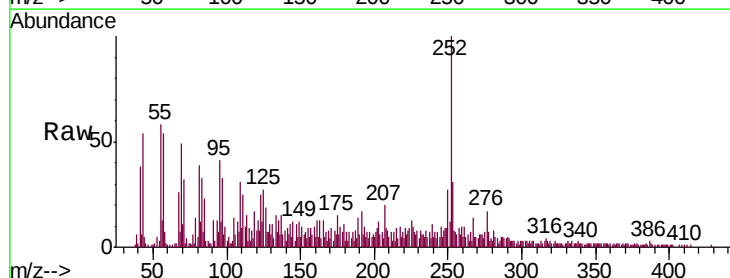
Tgt Ion: 252 Resp: 87302

Ion Ratio Lower Upper

252 100

253 30.6 18.9 28.3#

125 27.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

