

Data File : BF115287.D
Acq On : 28 Jun 2019 17:56
Operator : HP/JU
Sample : K3163-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jun 29 02:36:38 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	239113	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	896329	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	448714	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	884822	20.00	ng	0.00
76) Chrysene-d12	13.71	240	745208	20.00	ng	0.00
87) Perylene-d12	15.07	264	755531	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1642588	106.01	ng	0.02
7) Phenol-d6	6.24	99	1870927	99.48	ng	0.00
23) Nitrobenzene-d5	7.16	82	1350974	92.72	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	677090	143.09	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2924920	110.72	ng	0.00
79) Terphenyl-d14	12.69	244	3567001	101.77	ng	0.00

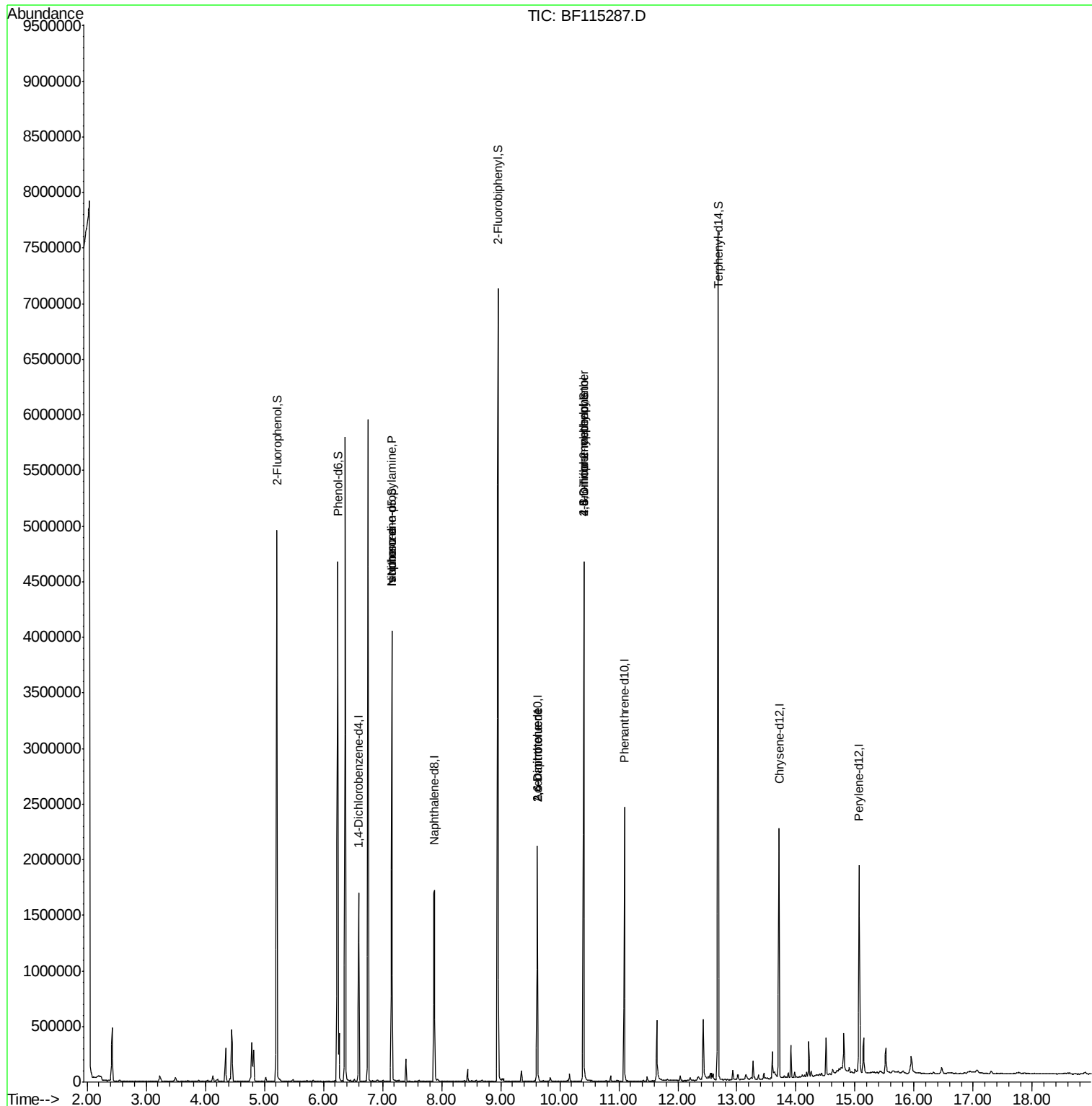
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	180908	15.025	ng	# 77
25) Isophorone	7.16	82	1343053	44.995	ng	# 63
51) 2,6-Dinitrotoluene	9.62	165	57437	7.536	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	57437	5.836	ng	# 30
58) Fluorene	10.17	166	1878	Below Cal		# 79
65) 4,6-Dinitro-2-methylphenol	10.41	198	1419	5.230	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	42482	4.428	ng	# 1

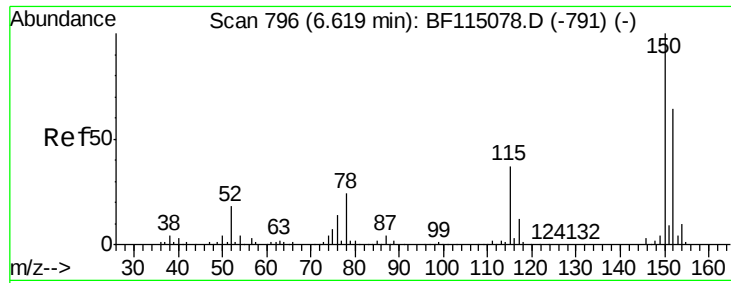
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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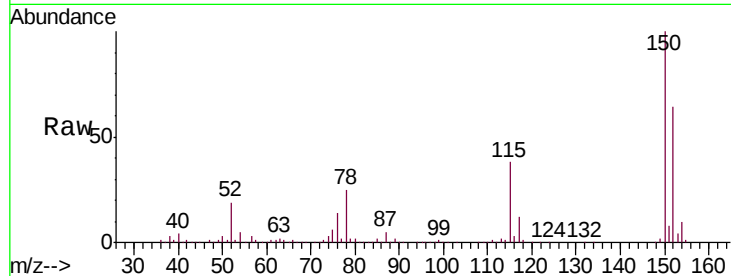


#1

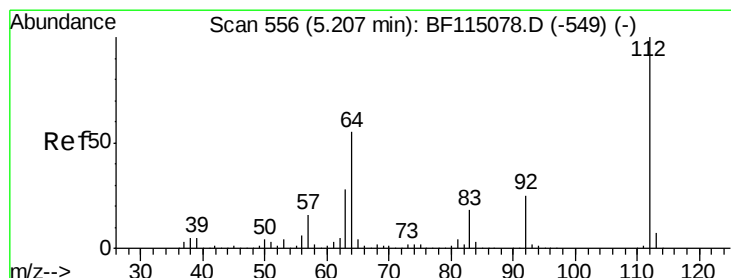
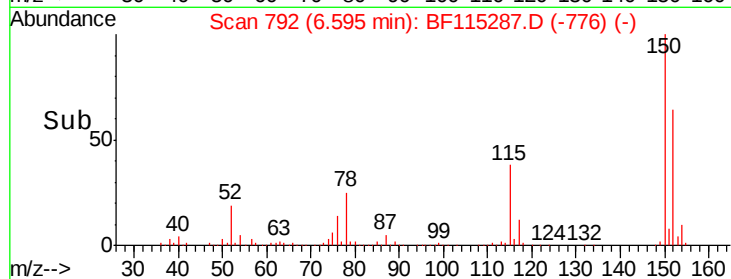
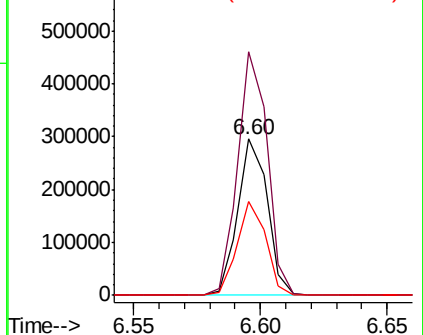
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115287.D
Acq: 28 Jun 2019 17:56

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

Tgt Ion:152 Resp: 239113
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 60.0 46.1 69.1



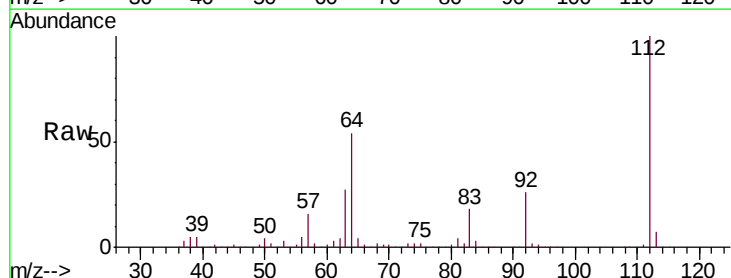
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



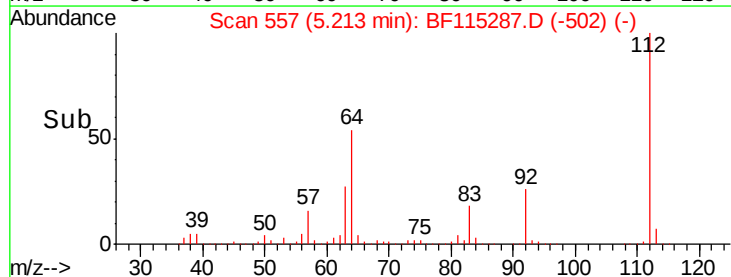
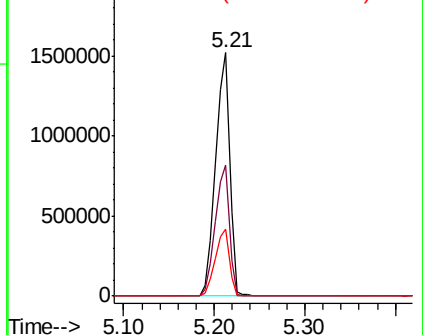
#5

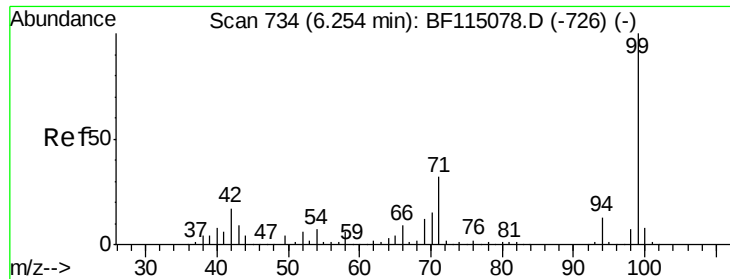
2-Fluorophenol
Concen: 106.008 ng
RT: 5.21 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF115287.D
Acq: 28 Jun 2019 17:56

Tgt Ion:112 Resp: 1642588
Ion Ratio Lower Upper
112 100
64 53.6 43.8 65.6
63 27.4 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: 99.480 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

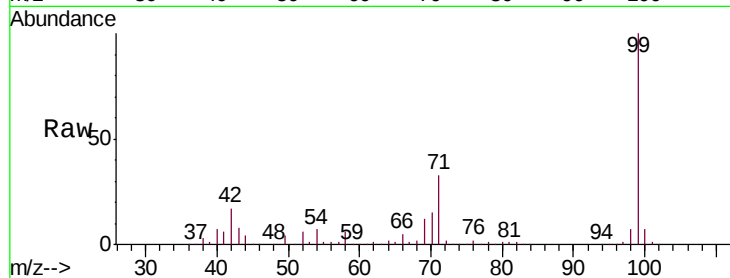
Tgt Ion: 99 Resp: 1870927

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

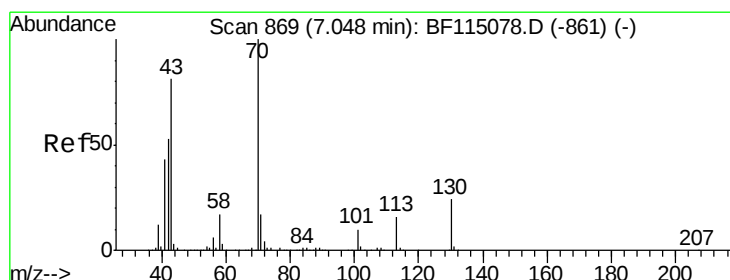
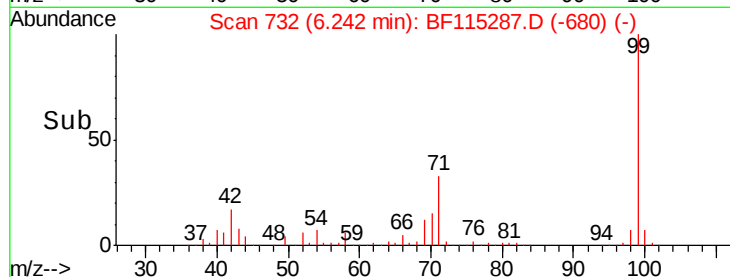
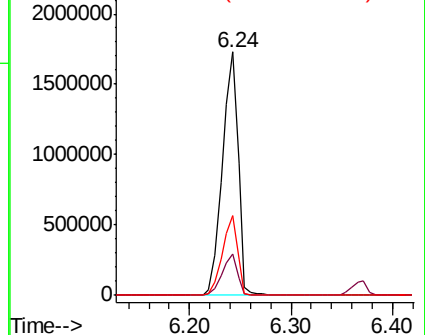
71 33.0 25.5 38.3



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: 15.025 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Tgt Ion: 70 Resp: 180908

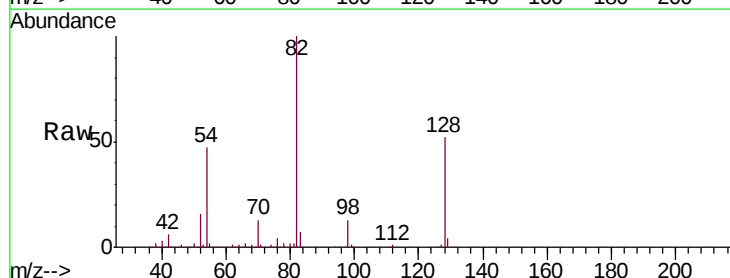
Ion Ratio Lower Upper

70 100

42 44.0 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

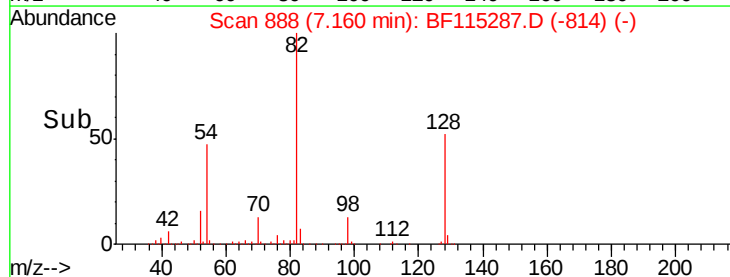
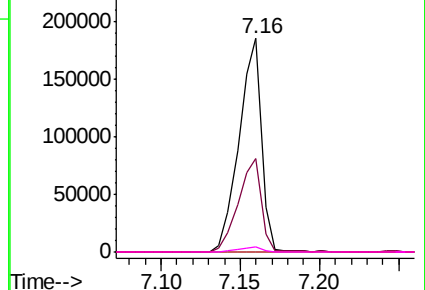


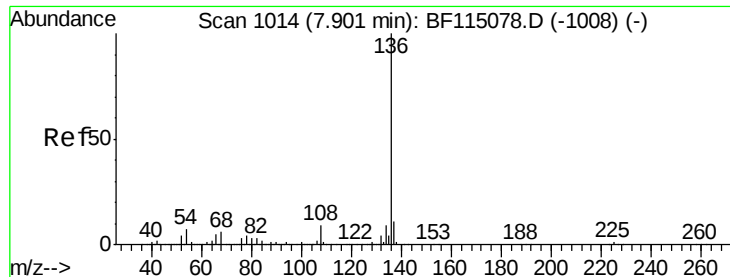
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

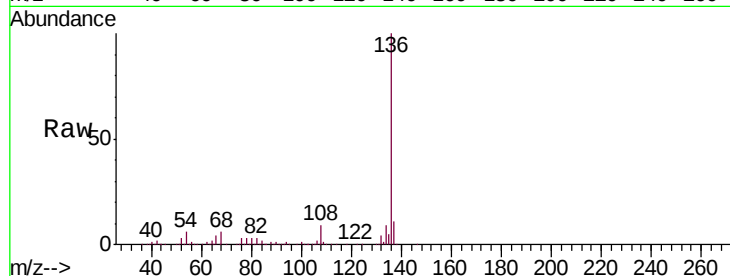




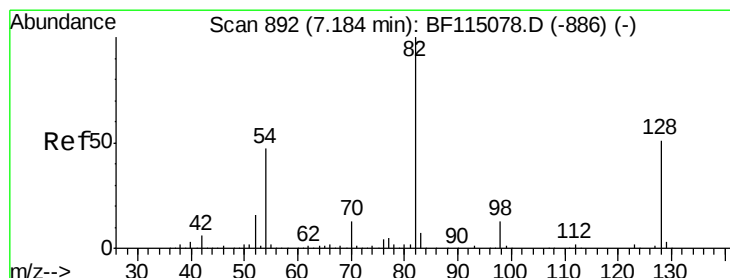
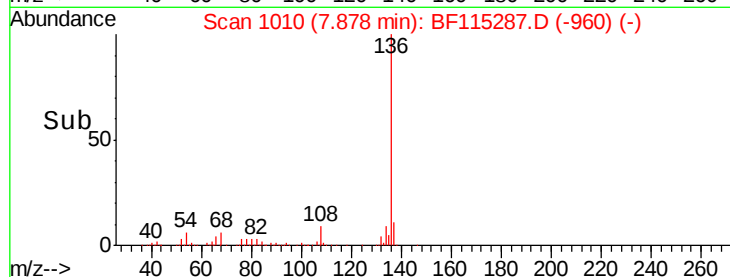
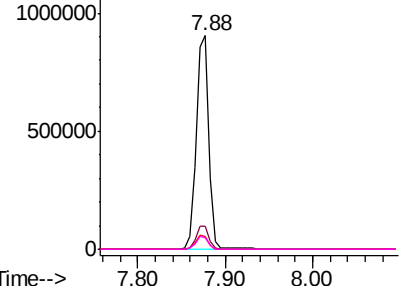
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115287.D
Acq: 28 Jun 2019 17:56

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

Tgt Ion:	136	Resp:	896329
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.3	5.6	8.4
68	5.5	4.8	7.2

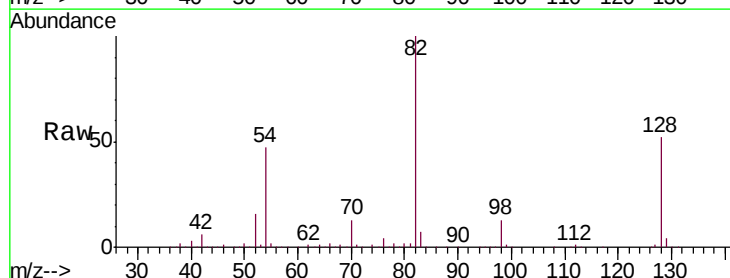


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

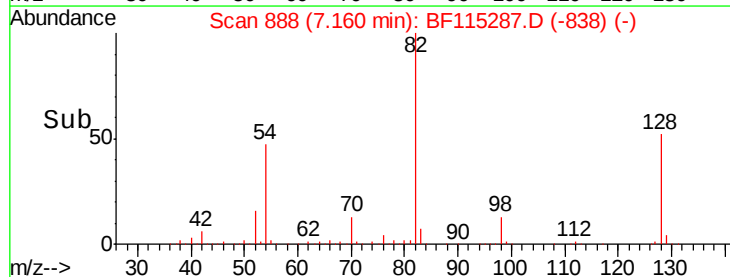
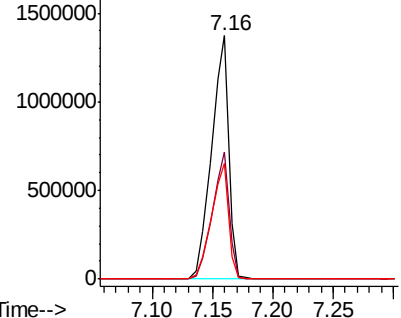


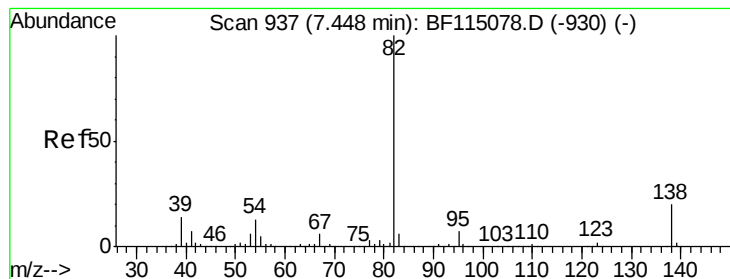
#23
Nitrobenzene-d5
Concen: 92.718 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115287.D
Acq: 28 Jun 2019 17:56

Tgt Ion:	82	Resp:	1350974
Ion	Ratio	Lower	Upper
82	100		
128	52.4	40.4	60.6
54	47.5	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: 44.995 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

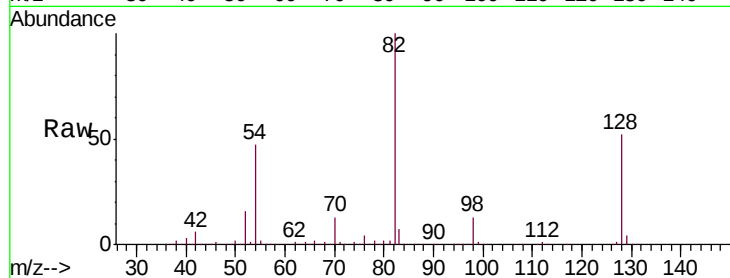
Tgt Ion: 82 Resp: 1343053

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

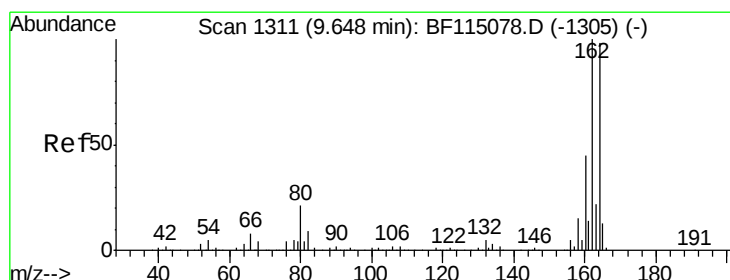
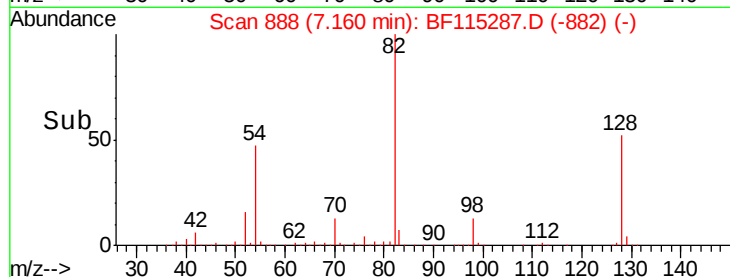
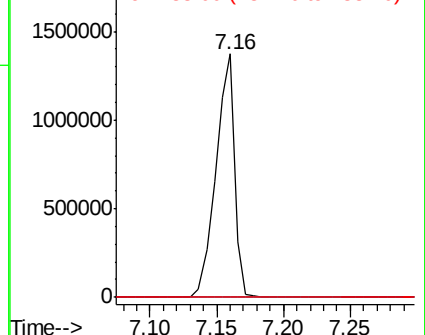
138 0.0 15.9 23.9#



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: BF115287.D

Acq: 28 Jun 2019 17:56

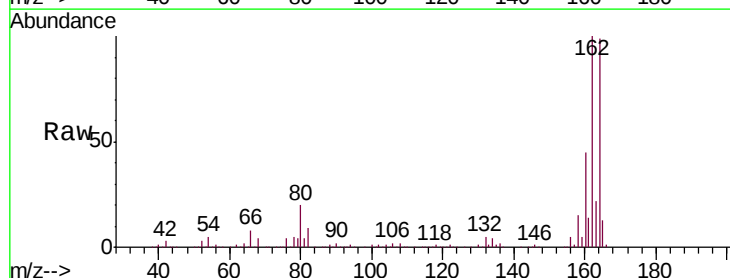
Tgt Ion: 164 Resp: 448714

Ion Ratio Lower Upper

164 100

162 100.7 81.7 122.5

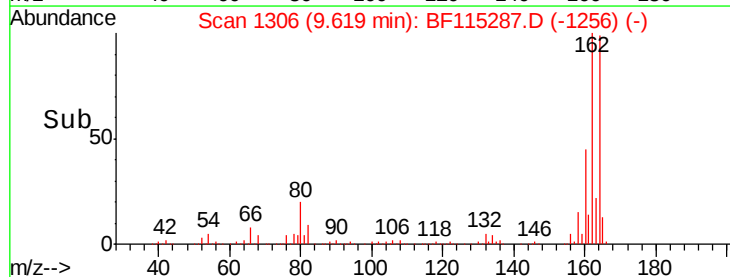
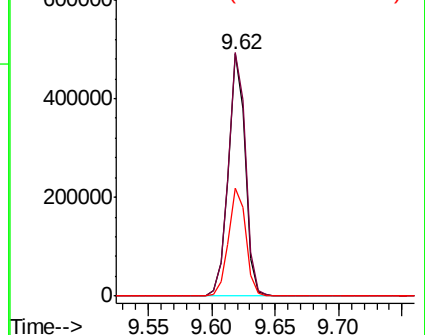
160 44.8 37.0 55.4

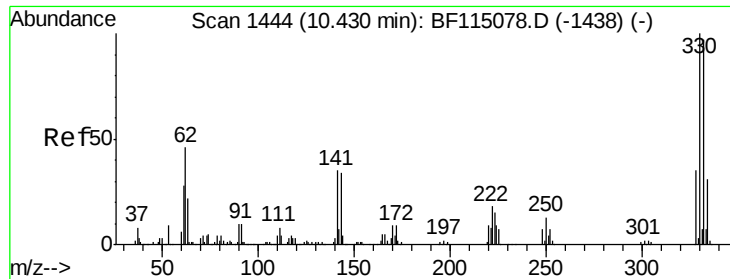


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

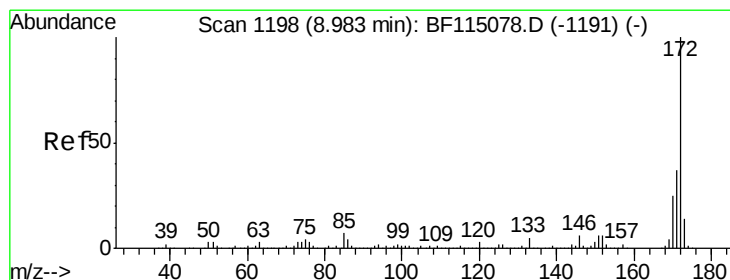
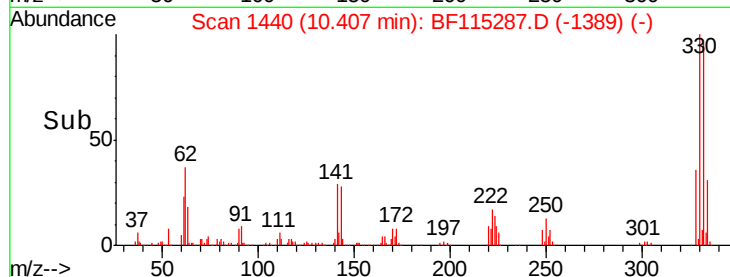
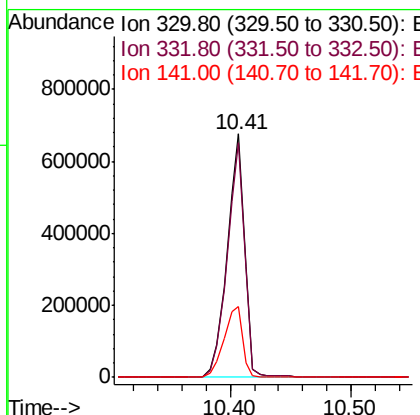
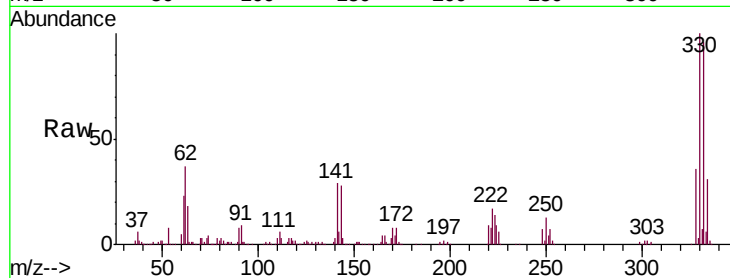




#42
 2,4,6-Tribromophenol
 Concen: 143.092 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115287.D
 Acq: 28 Jun 2019 17:56

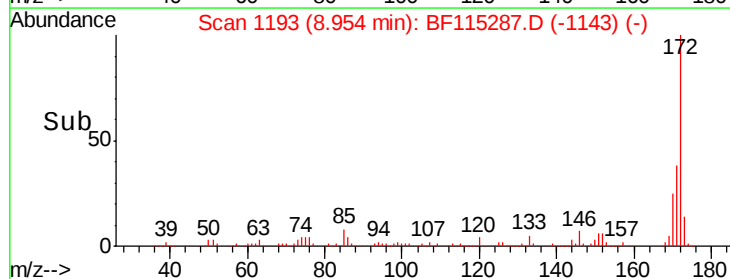
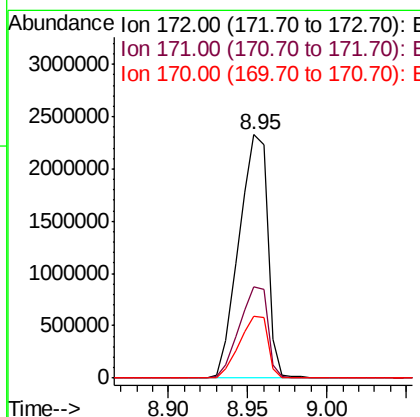
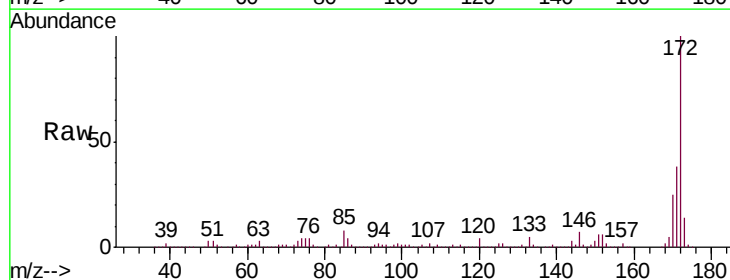
Instrument :
 BNA_F
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 SU-01-062719-A

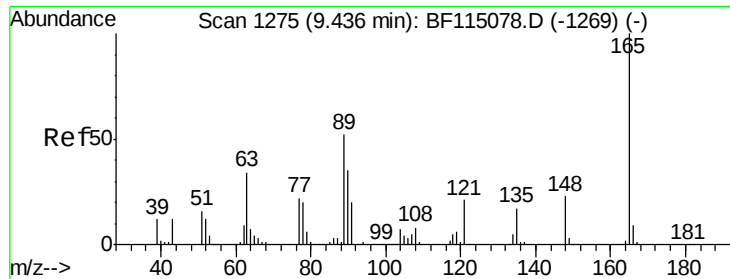
Tgt Ion:330 Resp: 677090
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 31.6 28.2 42.2



#45
 2-Fluorobiphenyl
 Concen: 110.724 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115287.D
 Acq: 28 Jun 2019 17:56

Tgt Ion:172 Resp: 2924920
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.4 20.3 30.5





#51

2,6-Dinitrotoluene

Concen: 7.536 ng

RT: 9.62 min Scan# 1306

Delta R.T. 0.21 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

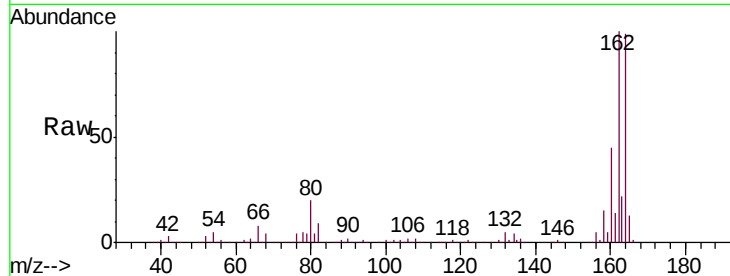
Tgt Ion:165 Resp: 57437

Ion Ratio Lower Upper

165 100

63 1.0 39.4 59.2#

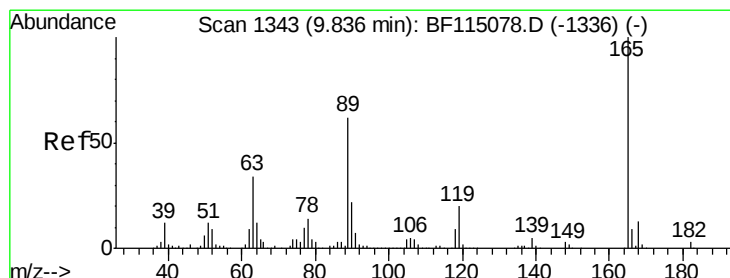
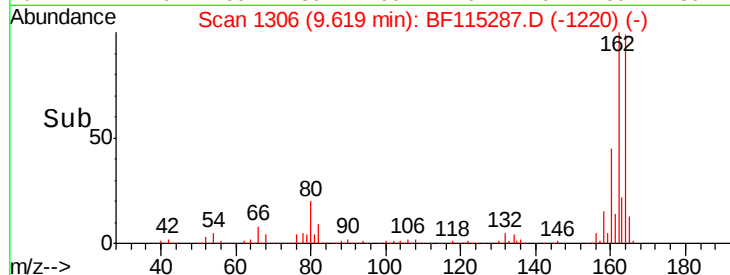
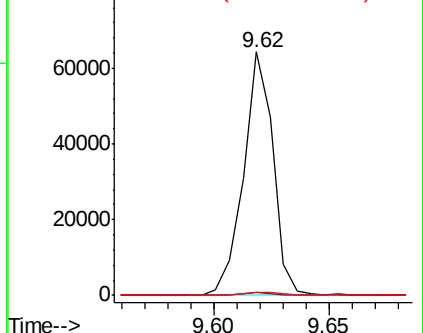
89 1.2 42.0 63.0#



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: 5.836 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.19 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Tgt Ion:165 Resp: 57437

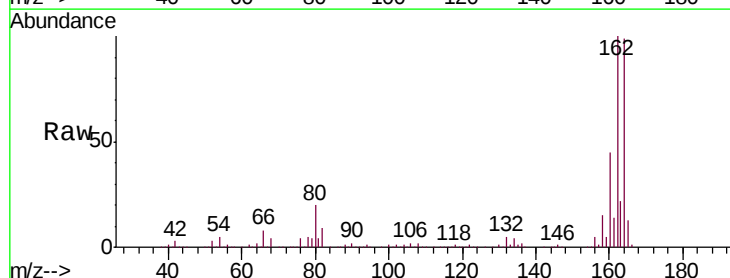
Ion Ratio Lower Upper

165 100

63 1.0 27.5 41.3#

89 1.2 49.9 74.9#

182 0.0 2.1 3.1#

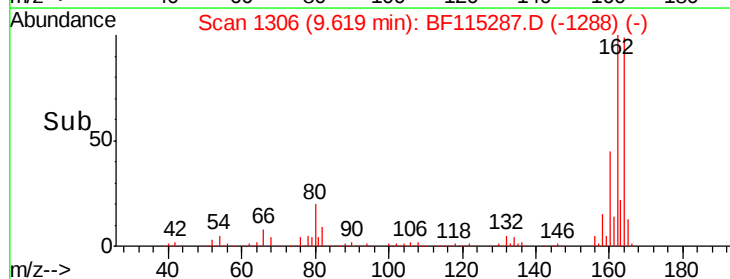
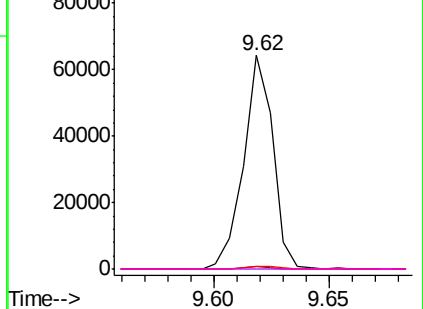


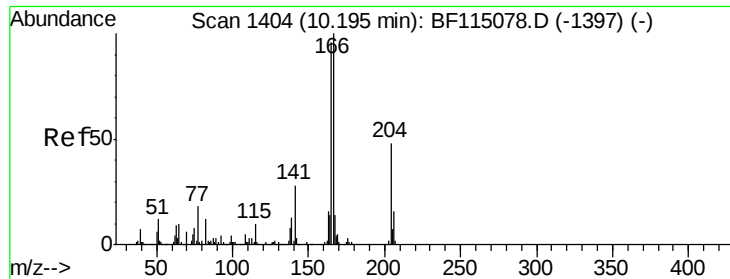
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.17 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

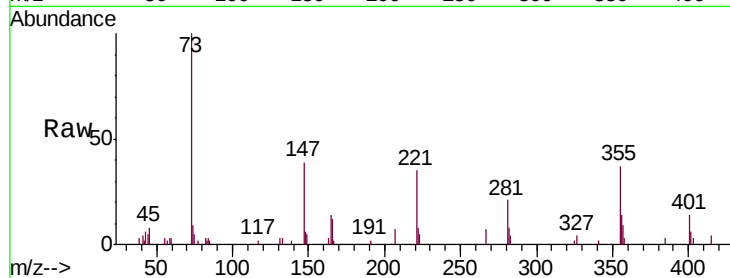
Tgt Ion:166 Resp: 1878

Ion Ratio Lower Upper

166 100

165 118.1 76.5 114.7#

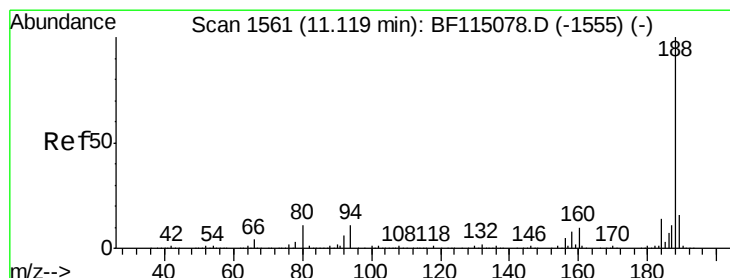
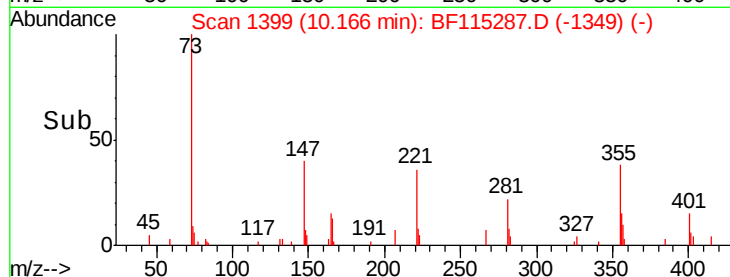
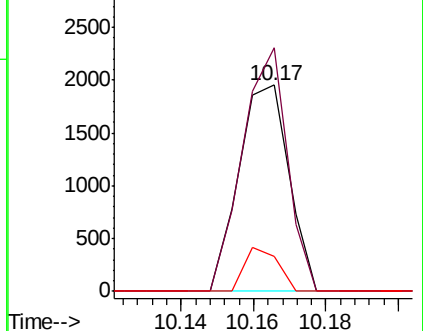
167 16.9 11.0 16.4#



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: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

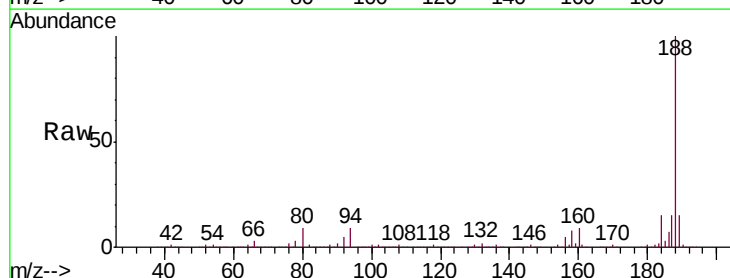
Tgt Ion:188 Resp: 884822

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

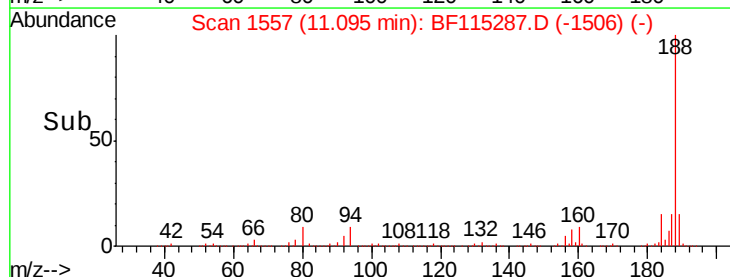
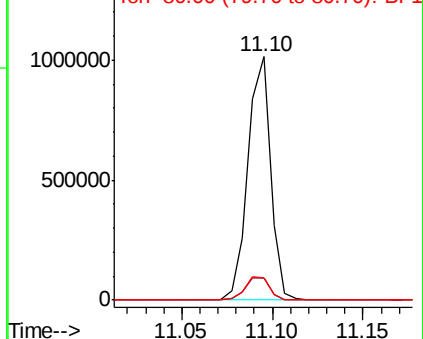
80 9.3 8.8 13.2

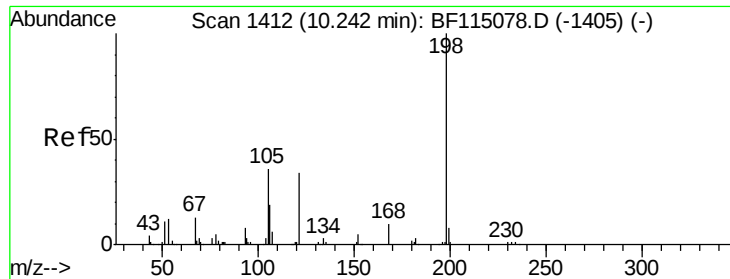


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.230 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

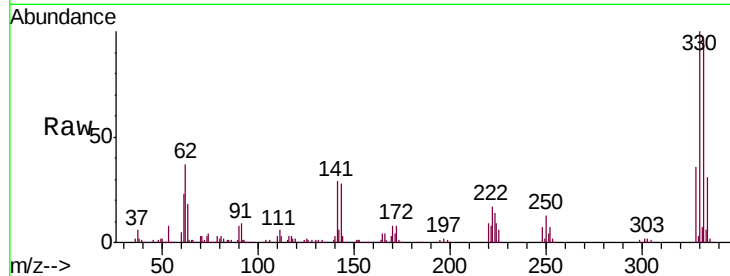
Tgt Ion:198 Resp: 1419

Ion Ratio Lower Upper

198 100

51 139.2 11.0 51.0#

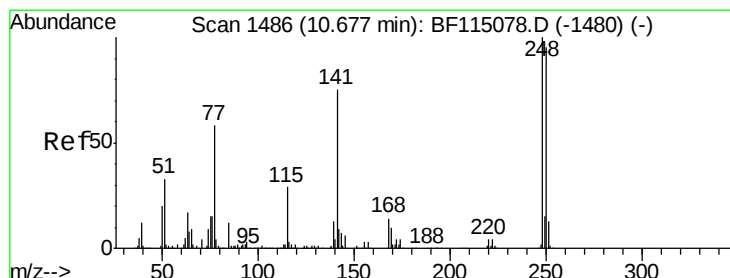
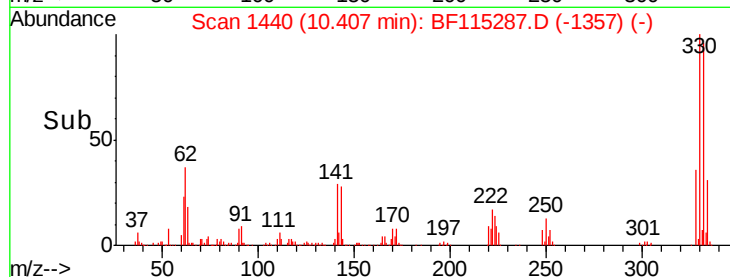
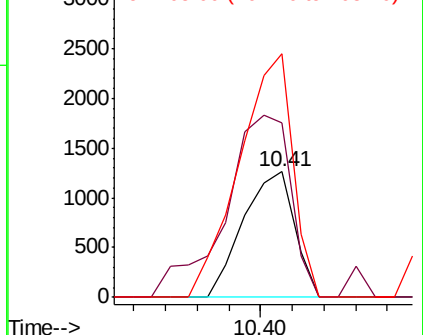
105 194.4 17.3 57.3#



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: 4.428 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

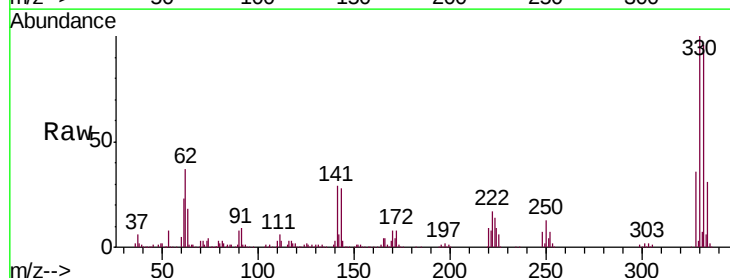
Tgt Ion:248 Resp: 42482

Ion Ratio Lower Upper

248 100

250 196.7 76.2 114.2#

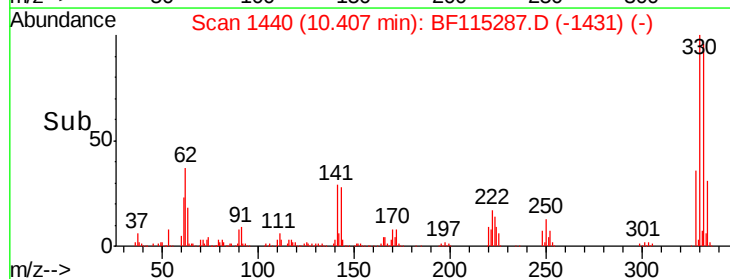
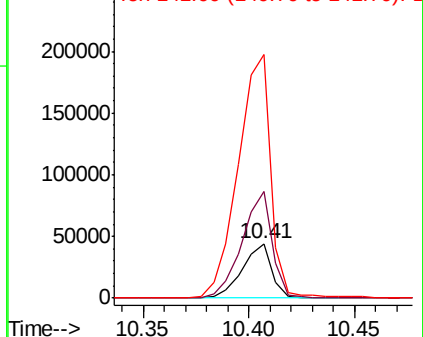
141 447.2 59.6 89.4#

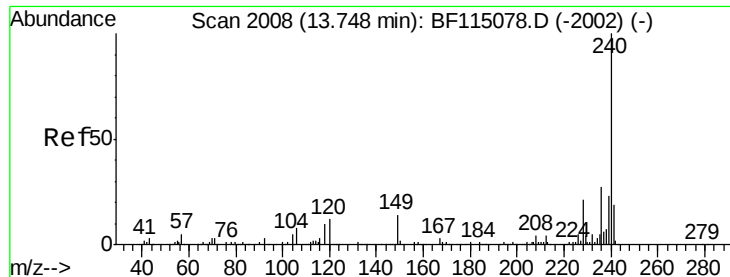


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

Instrument :

BNA_F

ClientSampleId :

SU-01-062719-A

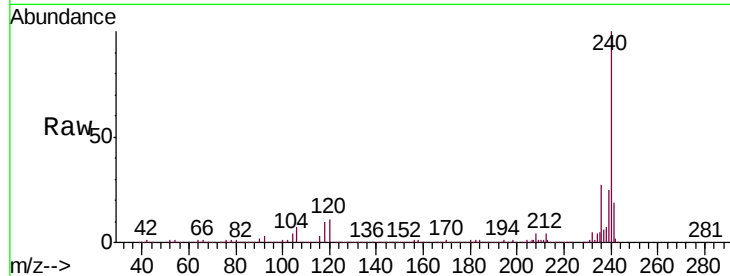
Tgt Ion:240 Resp: 745208

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

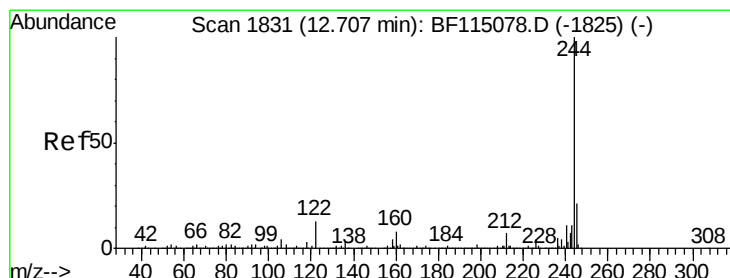
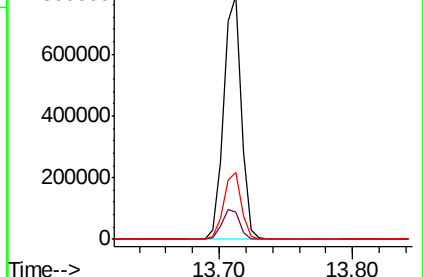
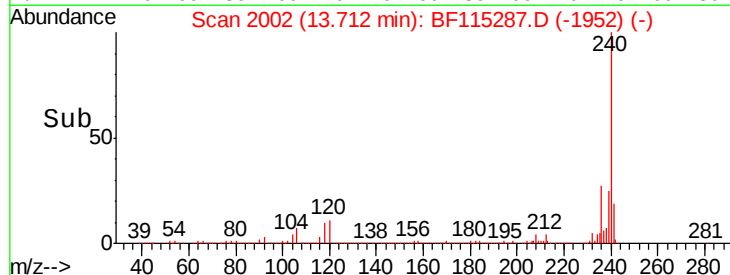
236 27.3 21.7 32.5



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: 101.770 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115287.D

Acq: 28 Jun 2019 17:56

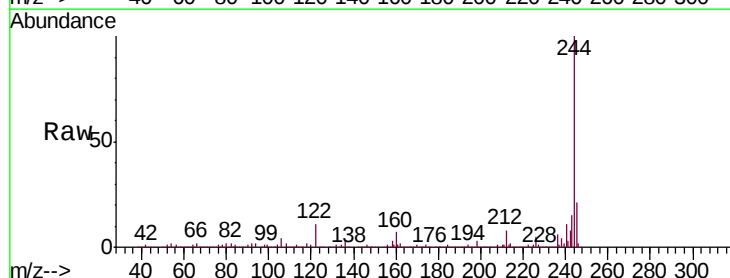
Tgt Ion:244 Resp: 3567001

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

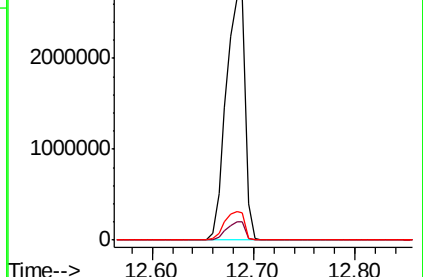
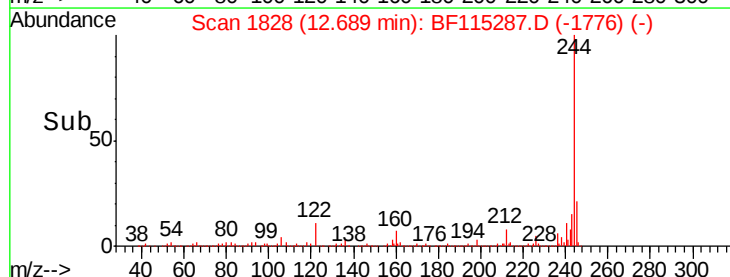
122 11.1 10.4 15.6

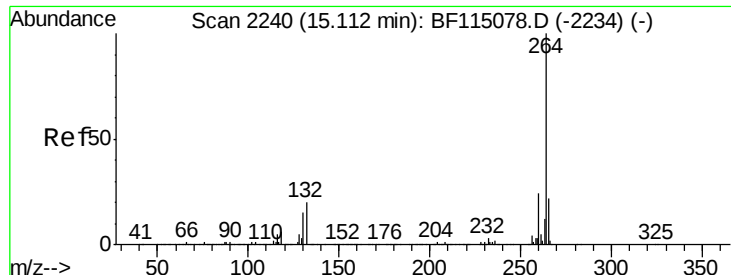


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF115287.D
Acq: 28 Jun 2019 17:56

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.8	17.3	25.9

