

Data File : BF115289.D
Acq On : 28 Jun 2019 18:50
Operator : HP/JU
Sample : K3554-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-11

Quant Time: Jun 29 02:37:06 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	232217	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	868728	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	421169	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	823578	20.00	ng	0.00
76) Chrysene-d12	13.71	240	645365	20.00	ng	0.00
87) Perylene-d12	15.07	264	644848	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1546324	102.76	ng	0.02
7) Phenol-d6	6.24	99	1733325	94.90	ng	0.00
23) Nitrobenzene-d5	7.16	82	1282161	90.79	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	600265	135.15	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2804724	113.12	ng	0.00
79) Terphenyl-d14	12.68	244	3255471	107.25	ng	0.00

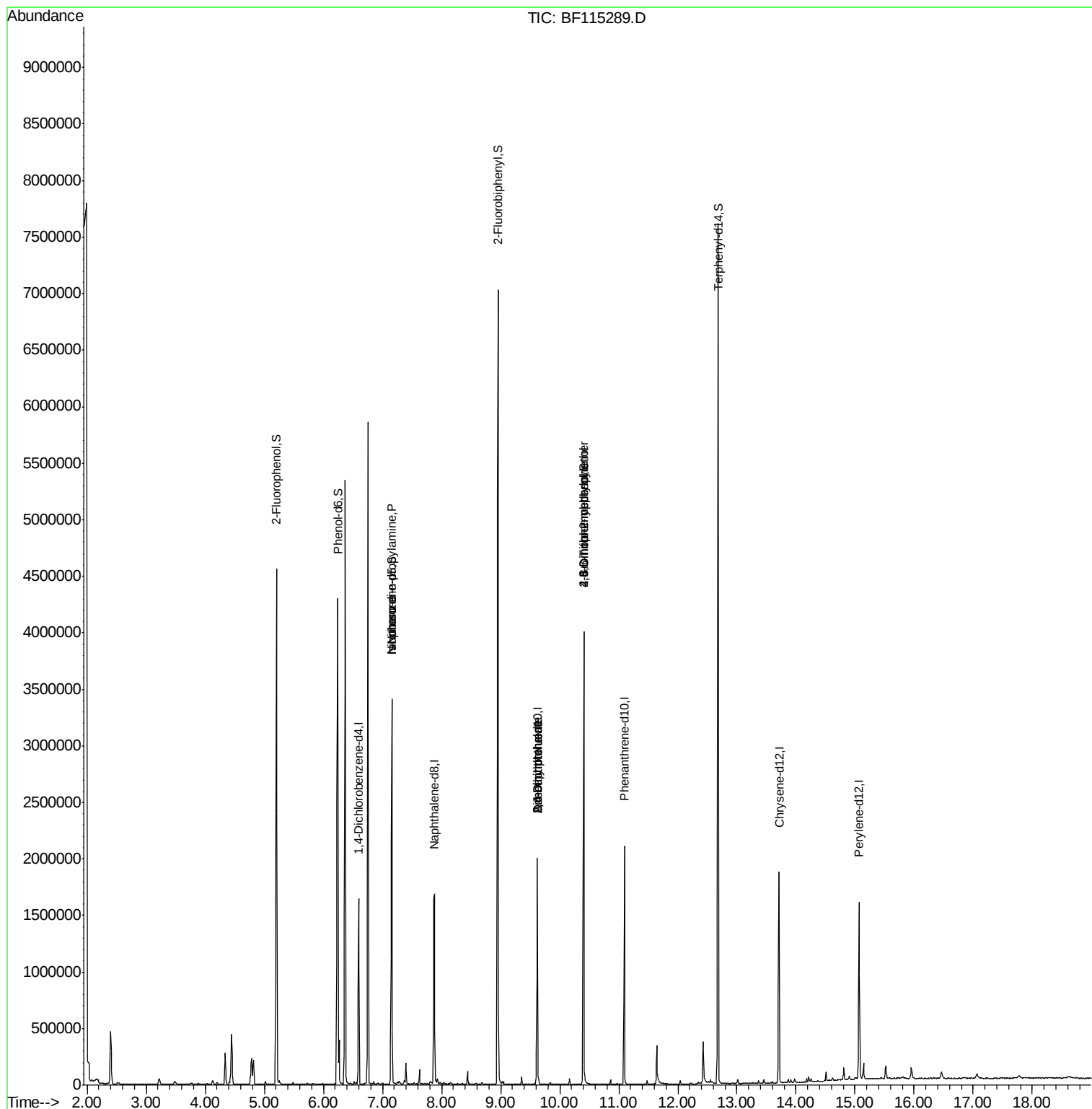
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	171209	14.642	ng	# 75
25) Isophorone	7.16	82	1271554	43.953	ng	# 63
50) Dimethylphthalate	9.62	163	116127	3.748	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	54564	7.627	ng	# 29
57) 2,4-Dinitrotoluene	9.62	165	54564	5.907	ng	# 30
58) Fluorene	10.16	166	827	Below Cal		# 95
65) 4,6-Dinitro-2-methylphenol	10.40	198	1324	5.231	ng	# 1
67) 4-Bromophenyl-phenylether	10.40	248	38374	4.298	ng	# 1

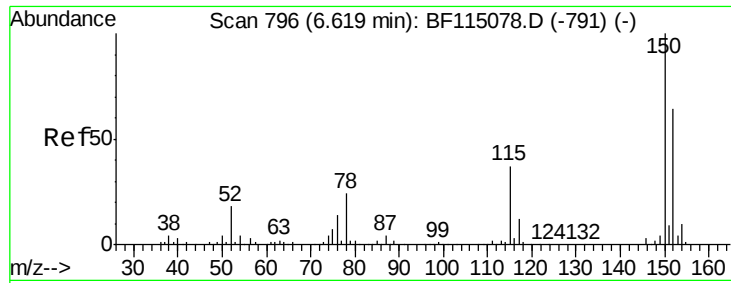
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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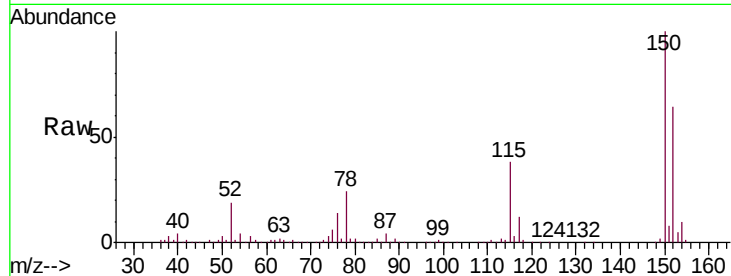


#1

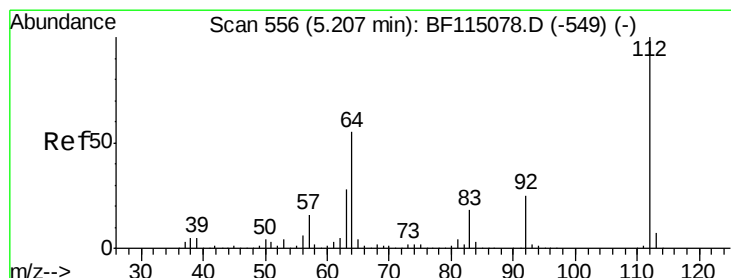
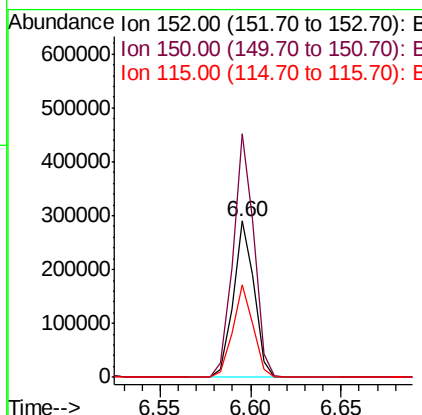
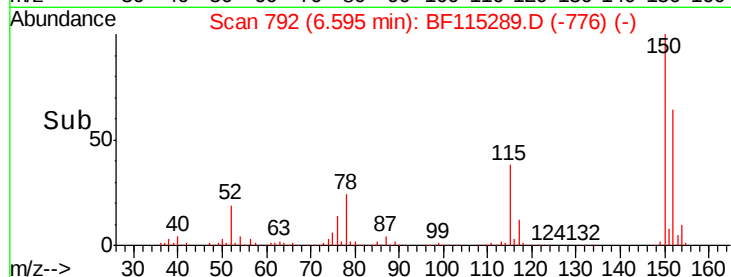
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	58.9	46.1	69.1



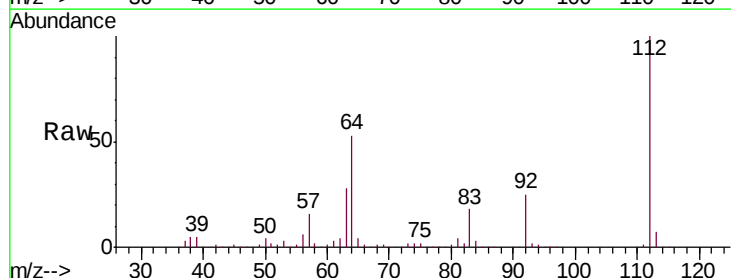
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



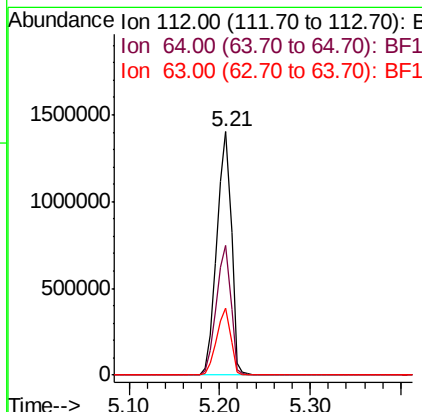
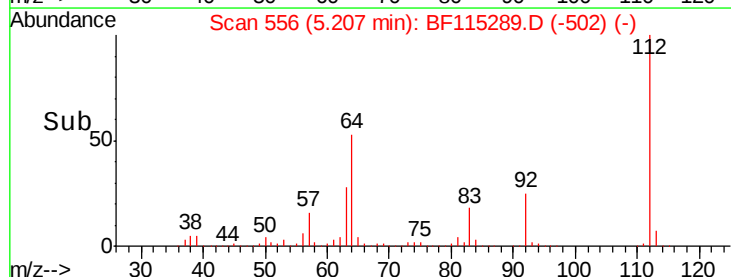
#5

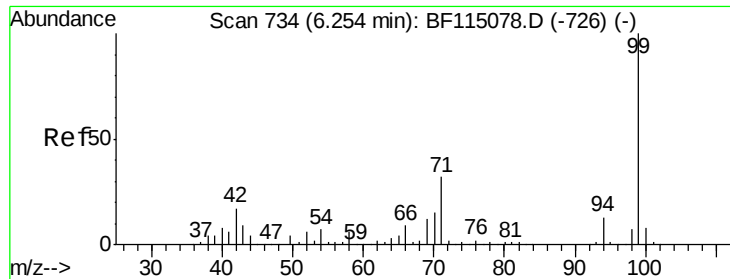
2-Fluorophenol
 Concen: 102.759 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.8	65.6
63	27.6	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: 94.900 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115289.D

Acq: 28 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-11

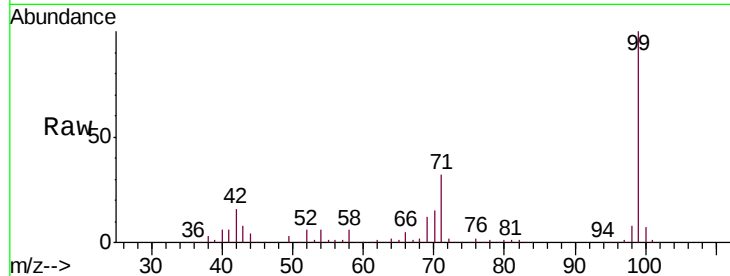
Tgt Ion: 99 Resp: 1733325

Ion Ratio Lower Upper

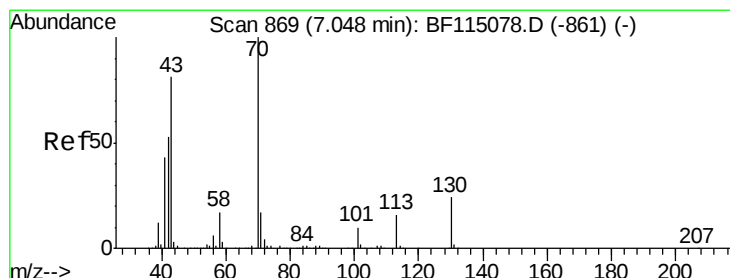
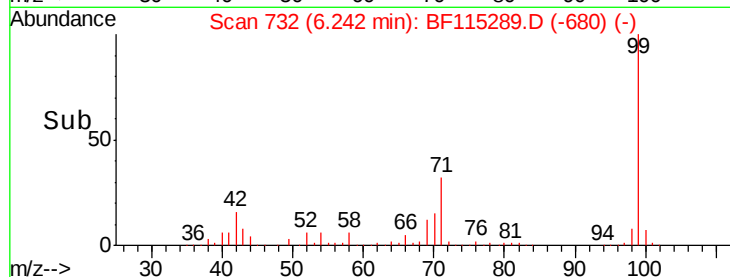
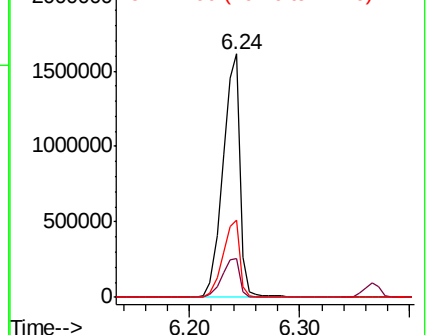
99 100

42 16.1 13.6 20.4

71 31.8 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: 14.642 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115289.D

Acq: 28 Jun 2019 18:50

Tgt Ion: 70 Resp: 171209

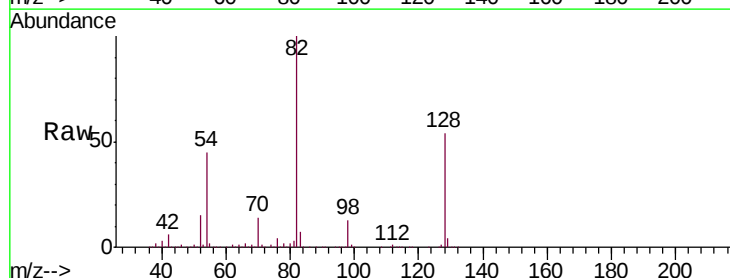
Ion Ratio Lower Upper

70 100

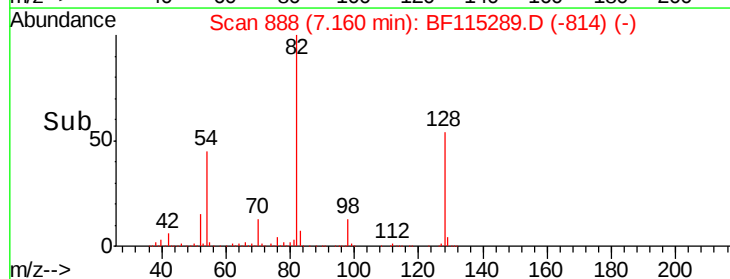
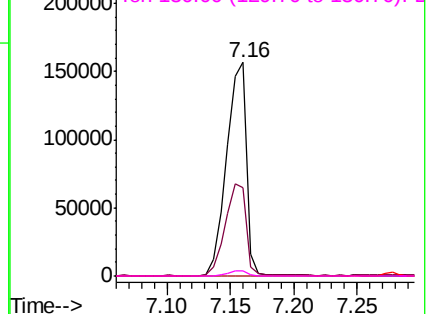
42 41.6 42.6 63.8#

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

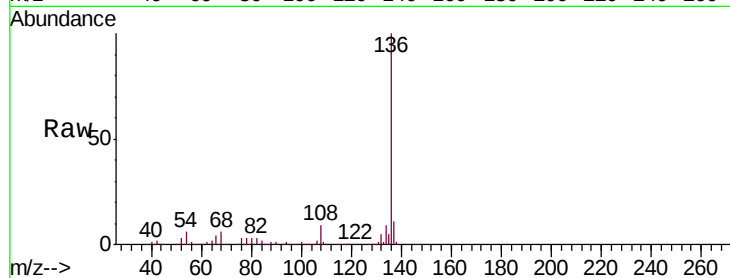




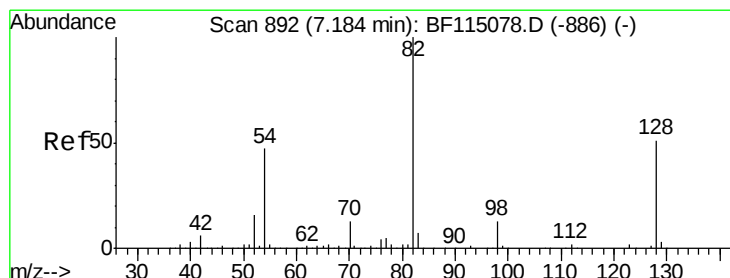
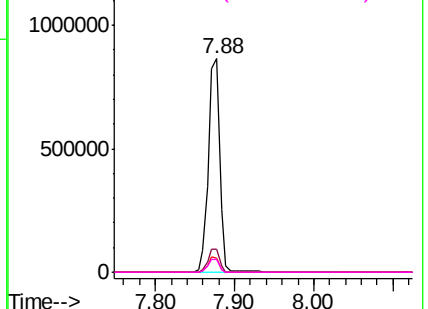
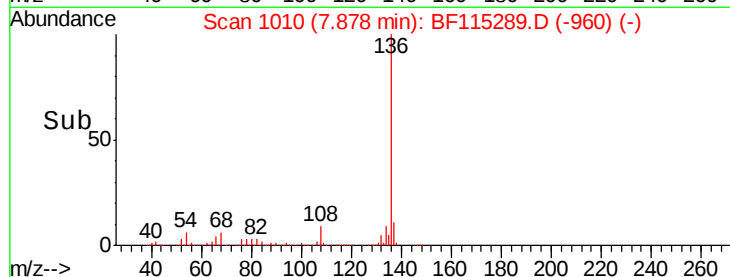
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115289.D
Acq: 28 Jun 2019 18:50

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BNA_F
ClientSampleId :
SAMPLE-11

Tgt Ion:	136	Resp:	868728
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	5.6	8.4
68	5.8	4.8	7.2

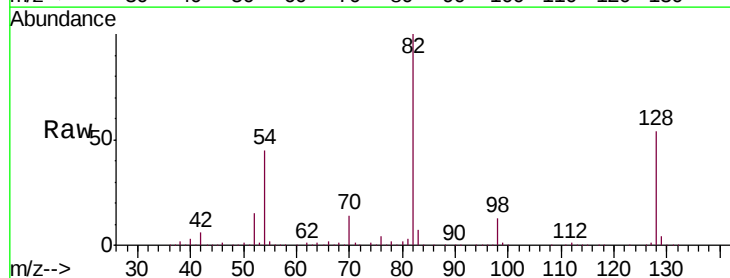


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

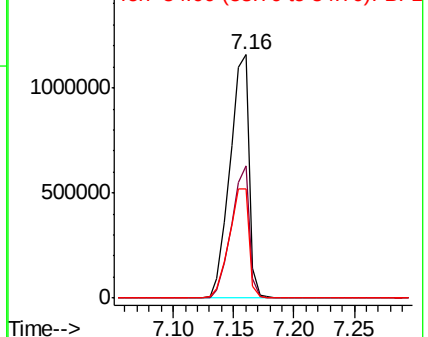
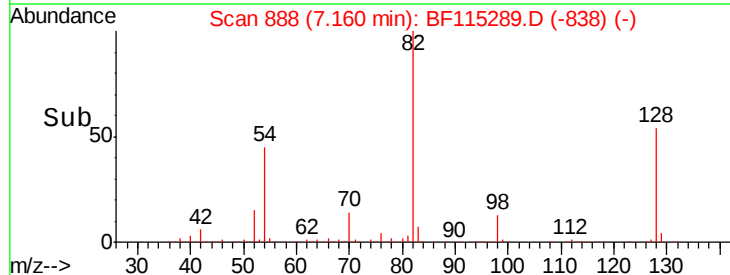


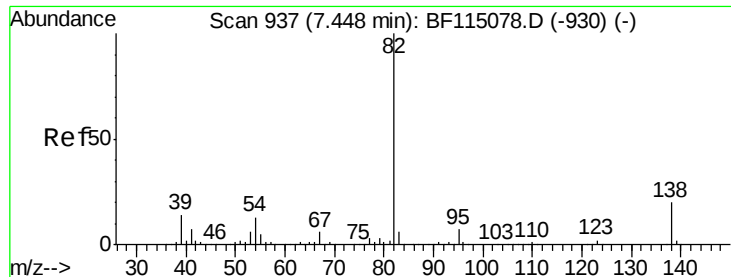
#23
Nitrobenzene-d5
Concen: 90.791 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115289.D
Acq: 28 Jun 2019 18:50

Tgt Ion:	82	Resp:	1282161
Ion	Ratio	Lower	Upper
82	100		
128	54.3	40.4	60.6
54	45.0	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: 43.953 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115289.D

Acq: 28 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-11

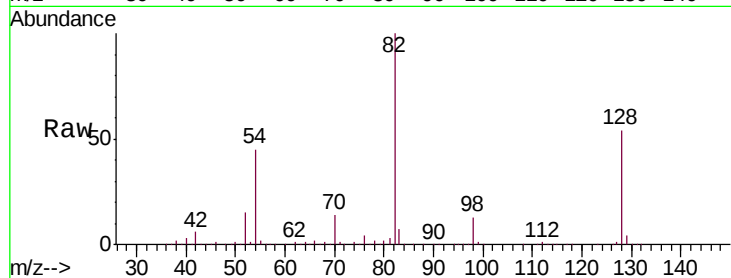
Tgt Ion: 82 Resp: 1271554

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

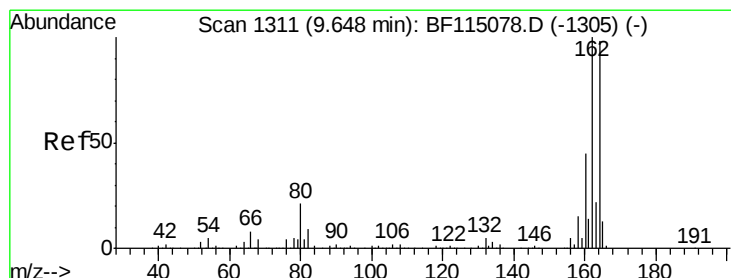
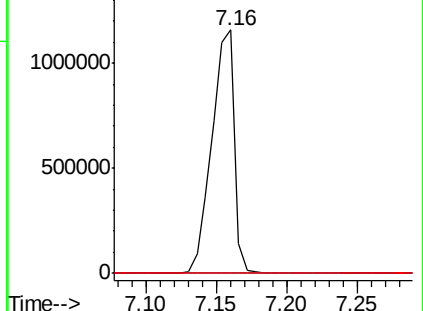
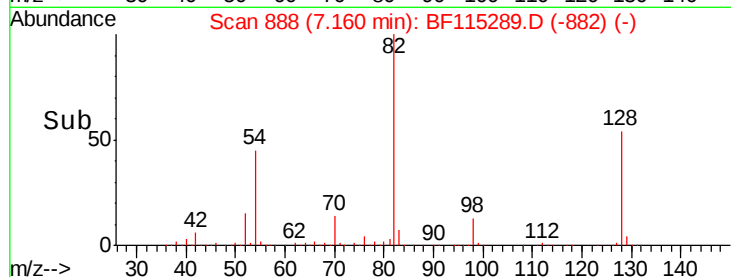
138 0.0 15.9 23.9#



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: BF115289.D

Acq: 28 Jun 2019 18:50

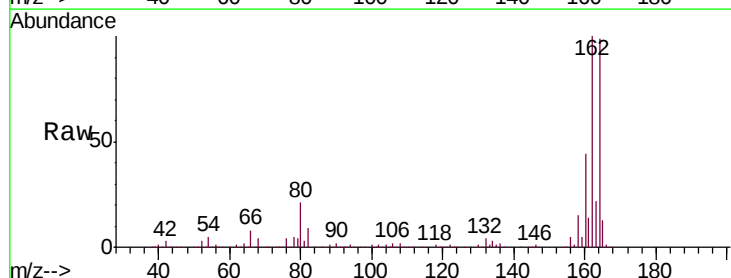
Tgt Ion: 164 Resp: 421169

Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

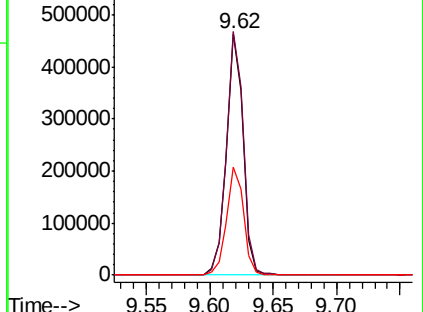
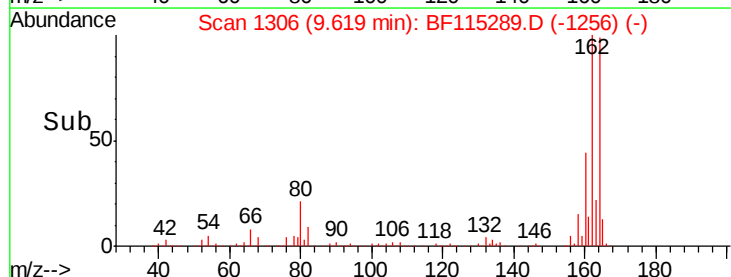
160 44.7 37.0 55.4

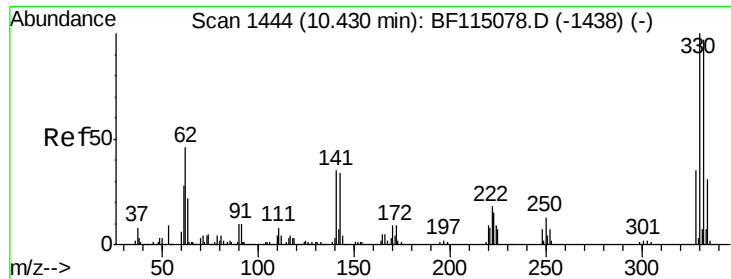


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

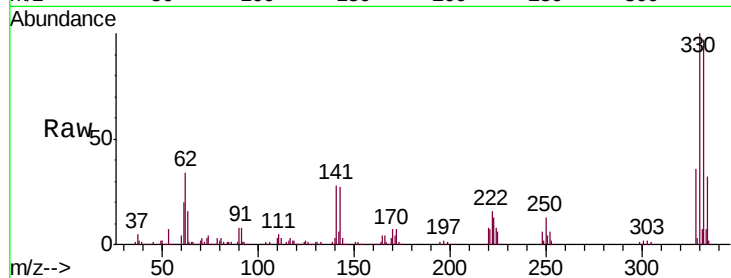




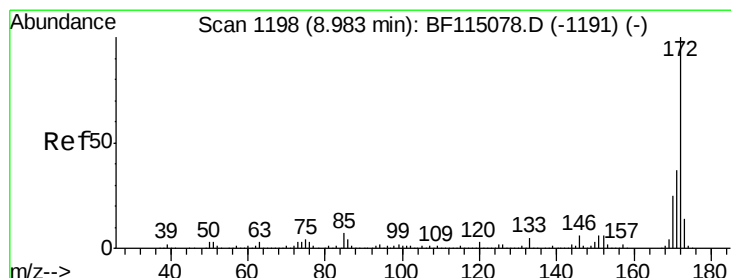
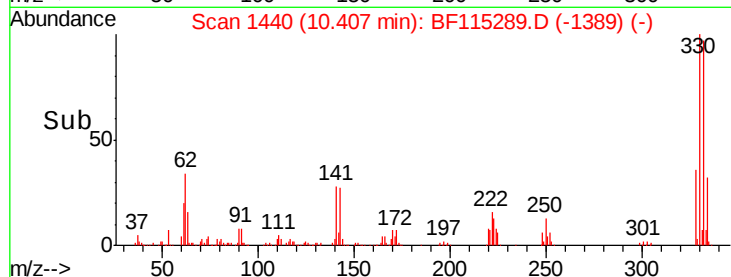
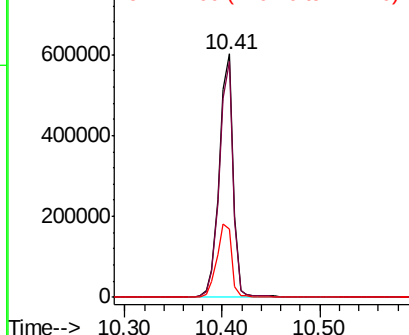
#42
 2,4,6-Tribromophenol
 Concen: 135.153 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

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 SAMPLE-11

Tgt Ion:330 Resp: 600265
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 32.2 28.2 42.2

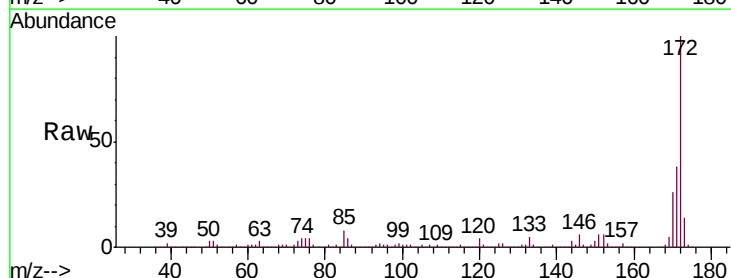


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

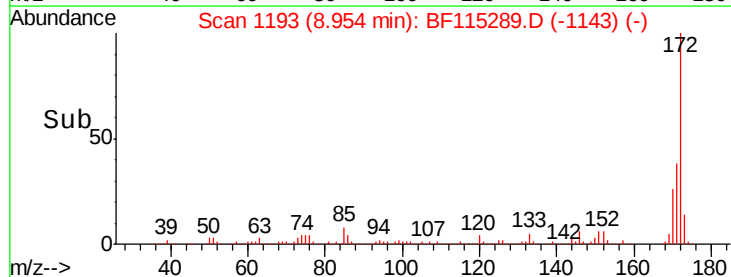
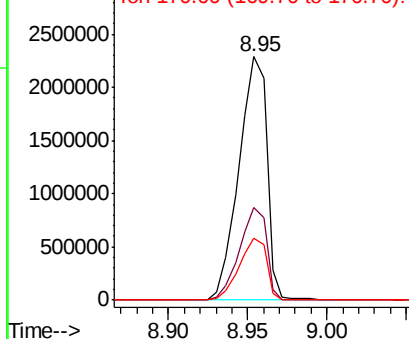


#45
 2-Fluorobiphenyl
 Concen: 113.118 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

Tgt Ion:172 Resp: 2804724
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.8 44.6
 170 25.6 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

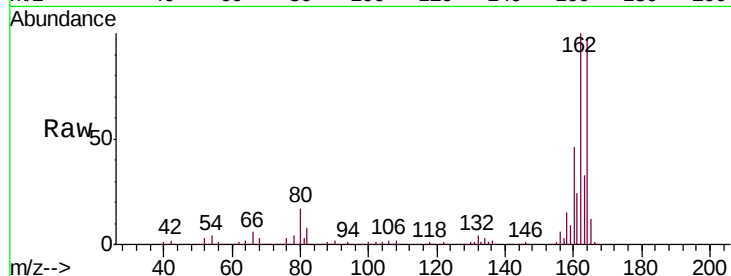




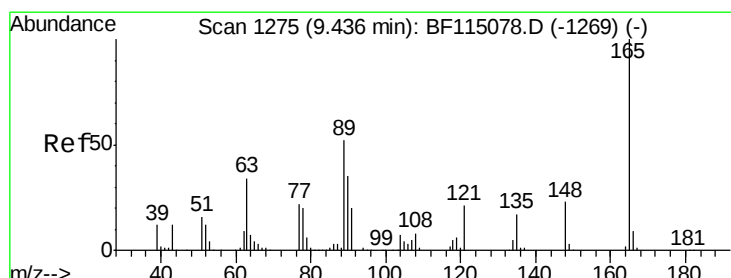
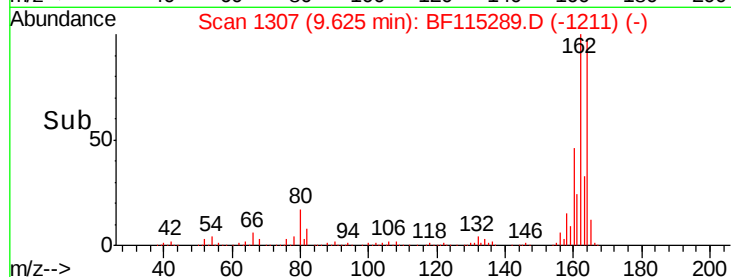
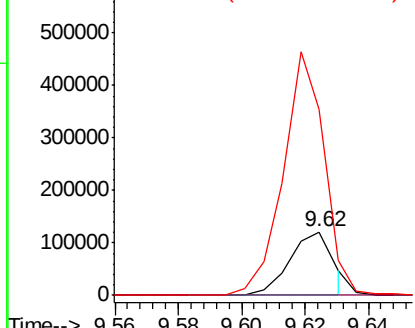
#50
Dimethylphthalate
Concen: 3.748 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115289.D
Acq: 28 Jun 2019 18:50

Instrument :
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Tgt Ion:163 Resp: 116127
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 292.0 8.6 13.0#

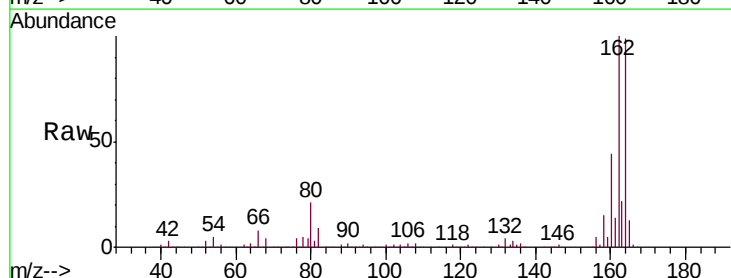


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

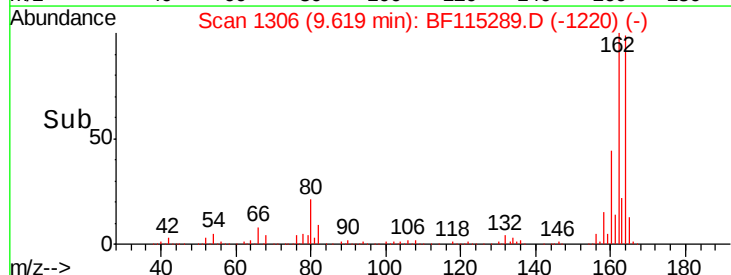
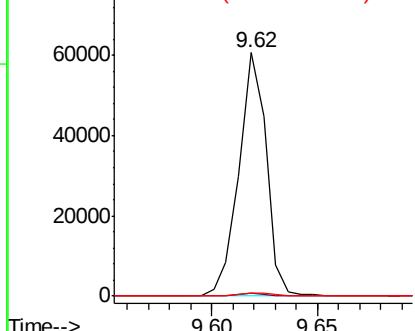


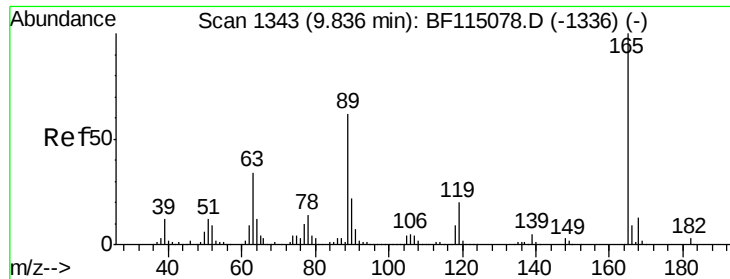
#51
2,6-Dinitrotoluene
Concen: 7.627 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF115289.D
Acq: 28 Jun 2019 18:50

Tgt Ion:165 Resp: 54564
Ion Ratio Lower Upper
165 100
63 1.2 39.4 59.2#
89 1.4 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

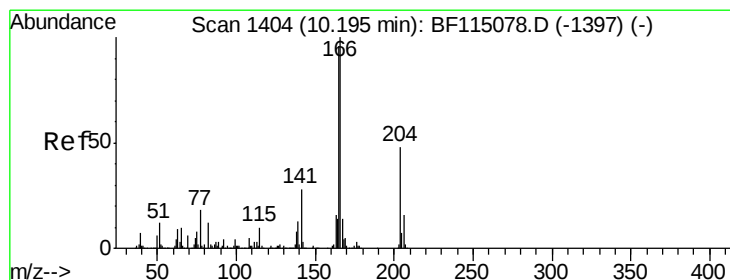
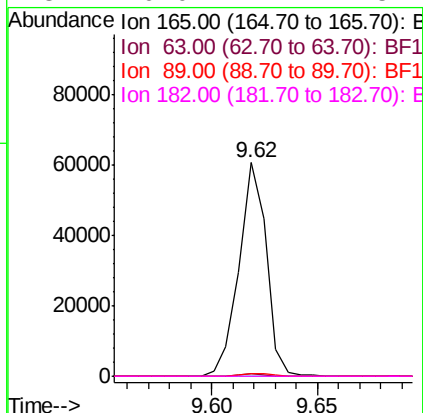
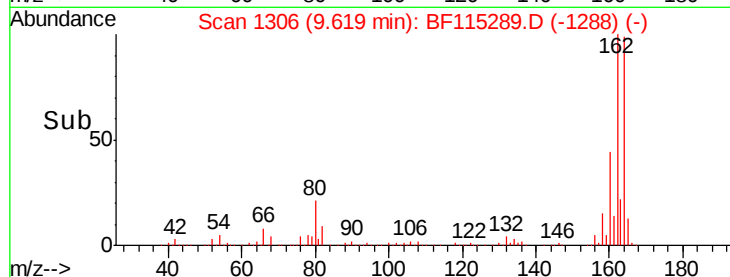
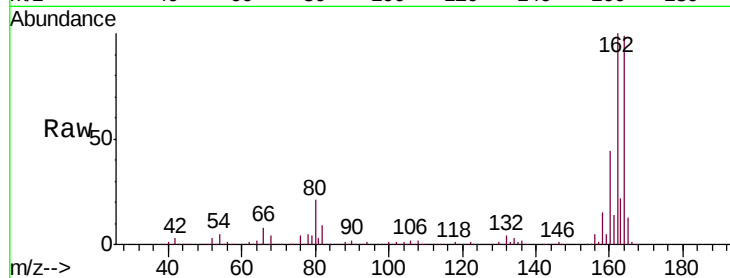




#57
2,4-Dinitrotoluene
Concen: 5.907 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF115289.D
Acq: 28 Jun 2019 18:50

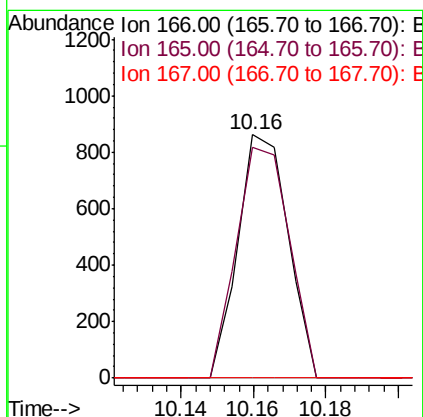
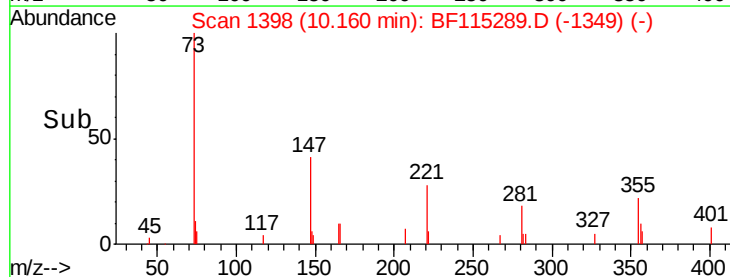
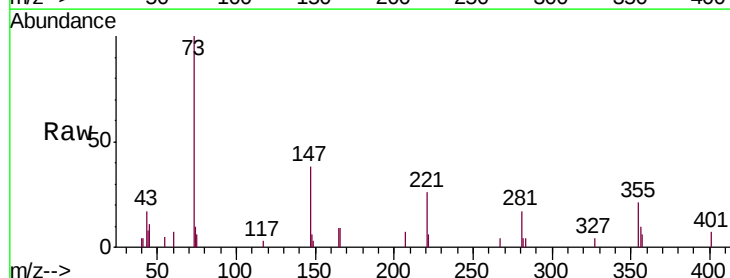
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11

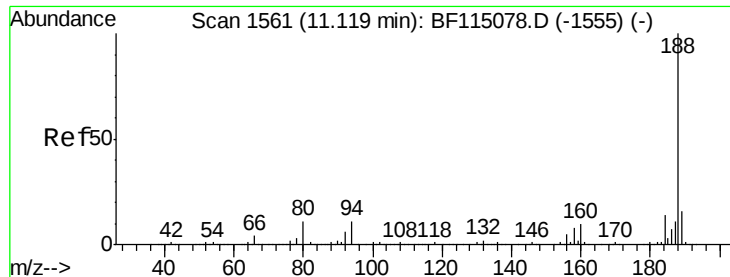
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	27.5	41.3#
89	1.4	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.16 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF115289.D
Acq: 28 Jun 2019 18:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.0	76.5	114.7
167	0.0	11.0	16.4#

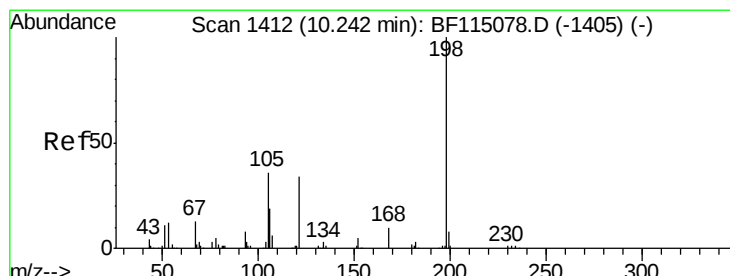
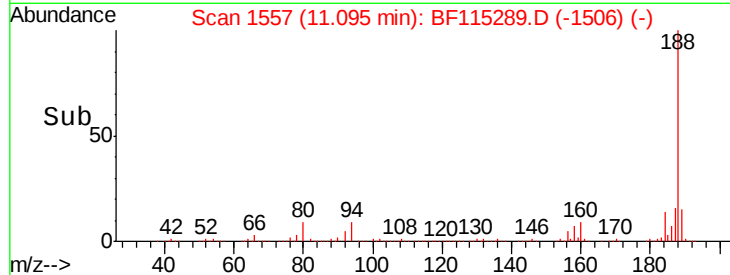
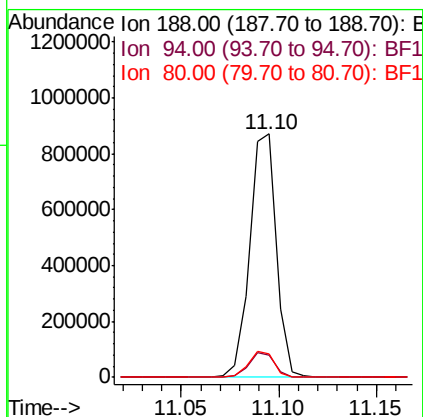
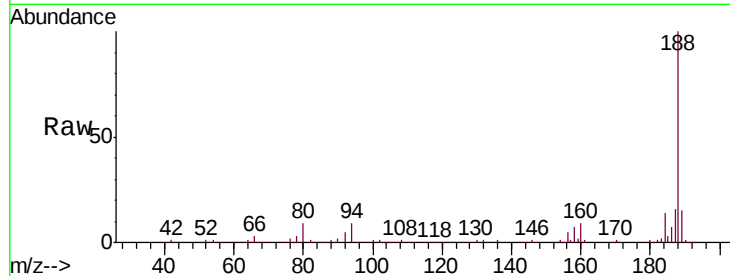




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

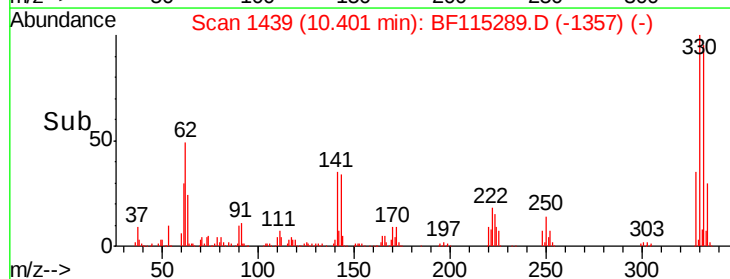
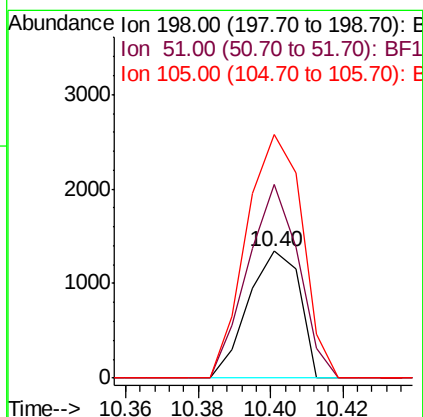
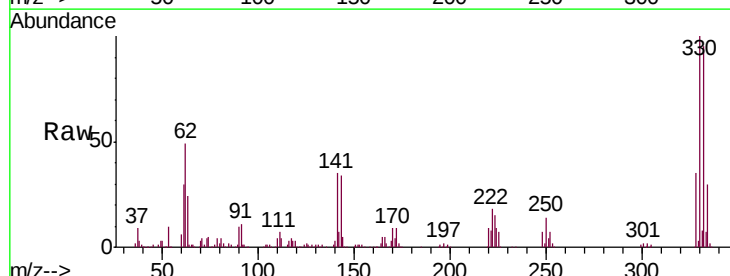
Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11

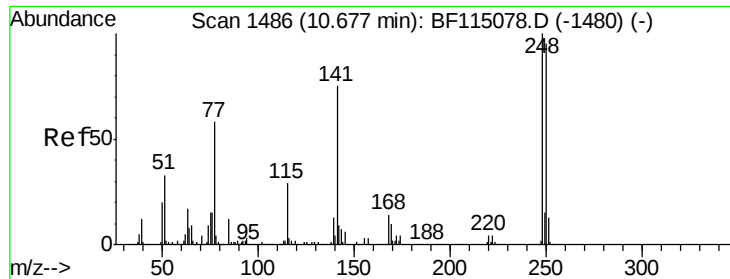
Tgt Ion:	188	Resp:	823578
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.6	12.8
80	9.4	8.8	13.2



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.231 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. 0.18 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

Tgt Ion:	198	Resp:	1324
Ion	Ratio	Lower	Upper
198	100		
51	153.0	11.0	51.0#
105	191.7	17.3	57.3#

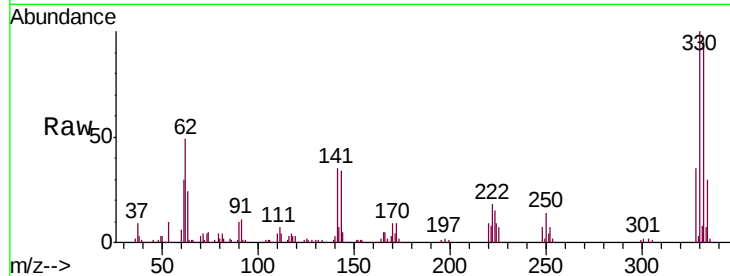




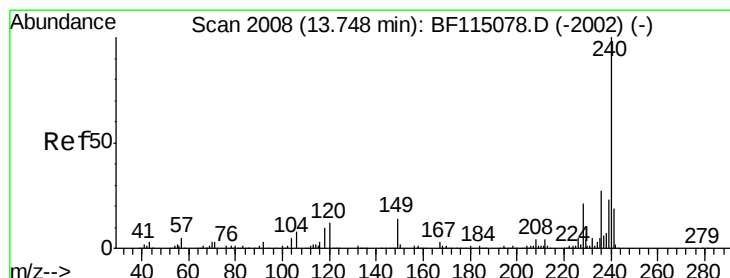
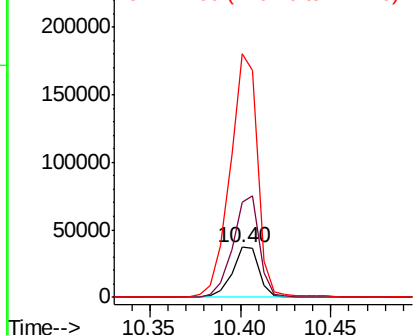
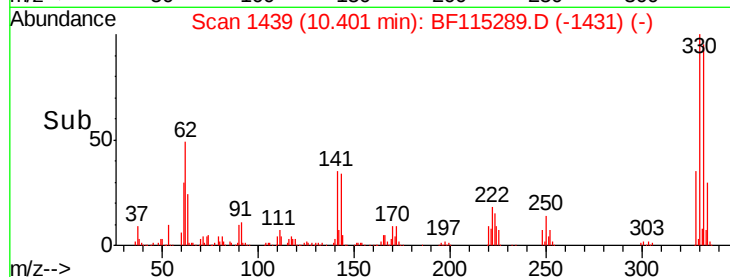
#67
 4-Bromophenyl-phenylether
 Concen: 4.298 ng
 RT: 10.40 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11

Tgt Ion: 248 Resp: 38374
 Ion Ratio Lower Upper
 248 100
 250 191.3 76.2 114.2#
 141 489.9 59.6 89.4#

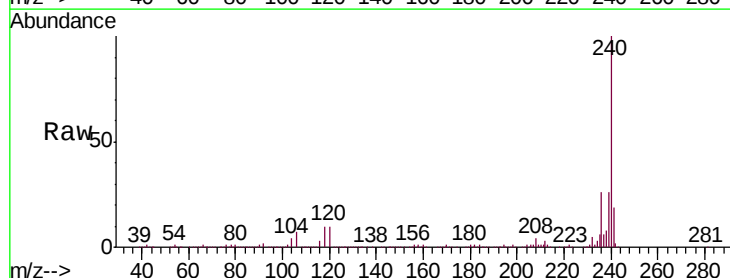


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

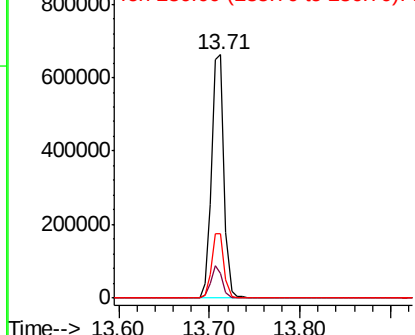
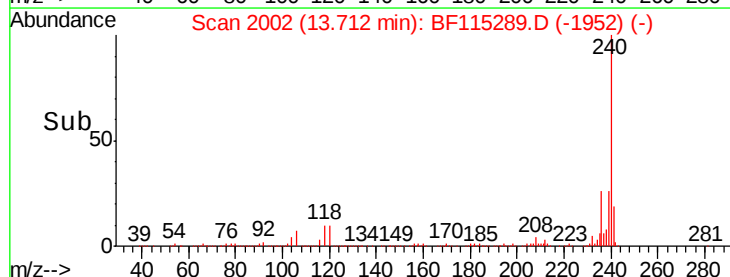


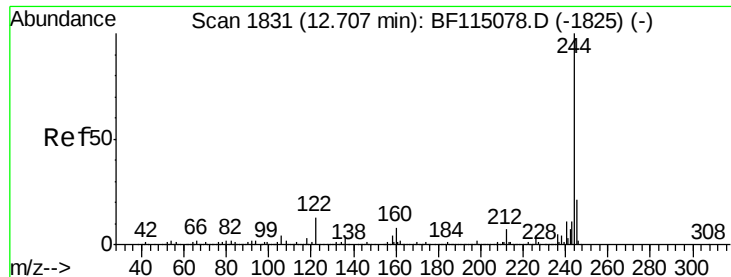
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF115289.D
 Acq: 28 Jun 2019 18:50

Tgt Ion: 240 Resp: 645365
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.4 14.2
 236 26.5 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: 107.252 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115289.D

Acq: 28 Jun 2019 18:50

Instrument :

BNA_F

ClientSampleId :

SAMPLE-11

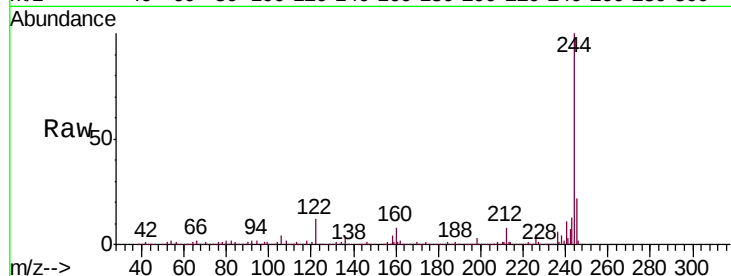
Tgt Ion:244 Resp: 3255471

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

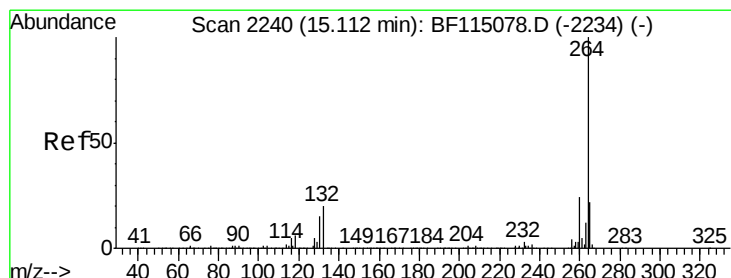
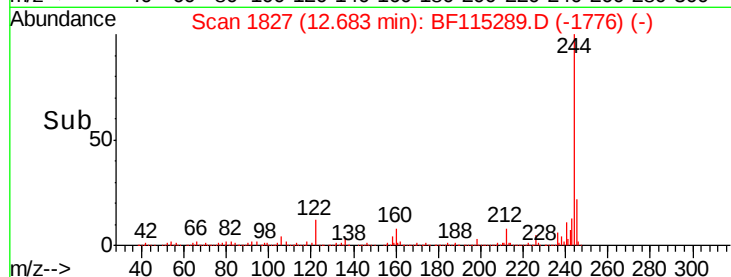
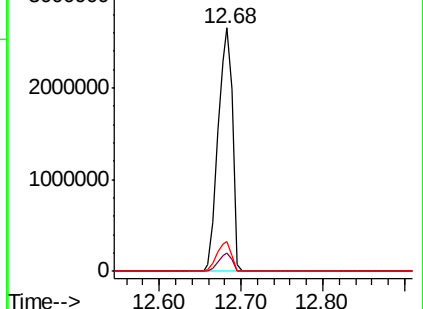
122 12.0 10.4 15.6



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: BF115289.D

Acq: 28 Jun 2019 18:50

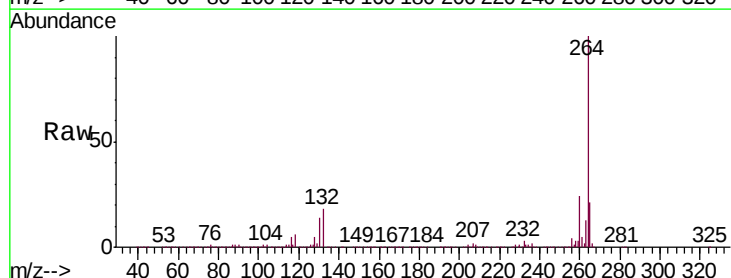
Tgt Ion:264 Resp: 644848

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

265 21.3 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

