

Data File : BF115293.D
Acq On : 28 Jun 2019 20:37
Operator : HP/JU
Sample : K3555-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-18

Quant Time: Jun 29 02:37:58 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	240911	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	926659	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	464476	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	949064	20.00	ng	0.00
76) Chrysene-d12	13.71	240	790499	20.00	ng	0.00
87) Perylene-d12	15.07	264	788660	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1480152	94.81	ng	0.02
7) Phenol-d6	6.24	99	1673523	88.32	ng	0.00
23) Nitrobenzene-d5	7.16	82	1257494	83.48	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	641923	131.06	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	2468559	90.28	ng	0.00
79) Terphenyl-d14	12.68	244	2953012	79.43	ng	0.00

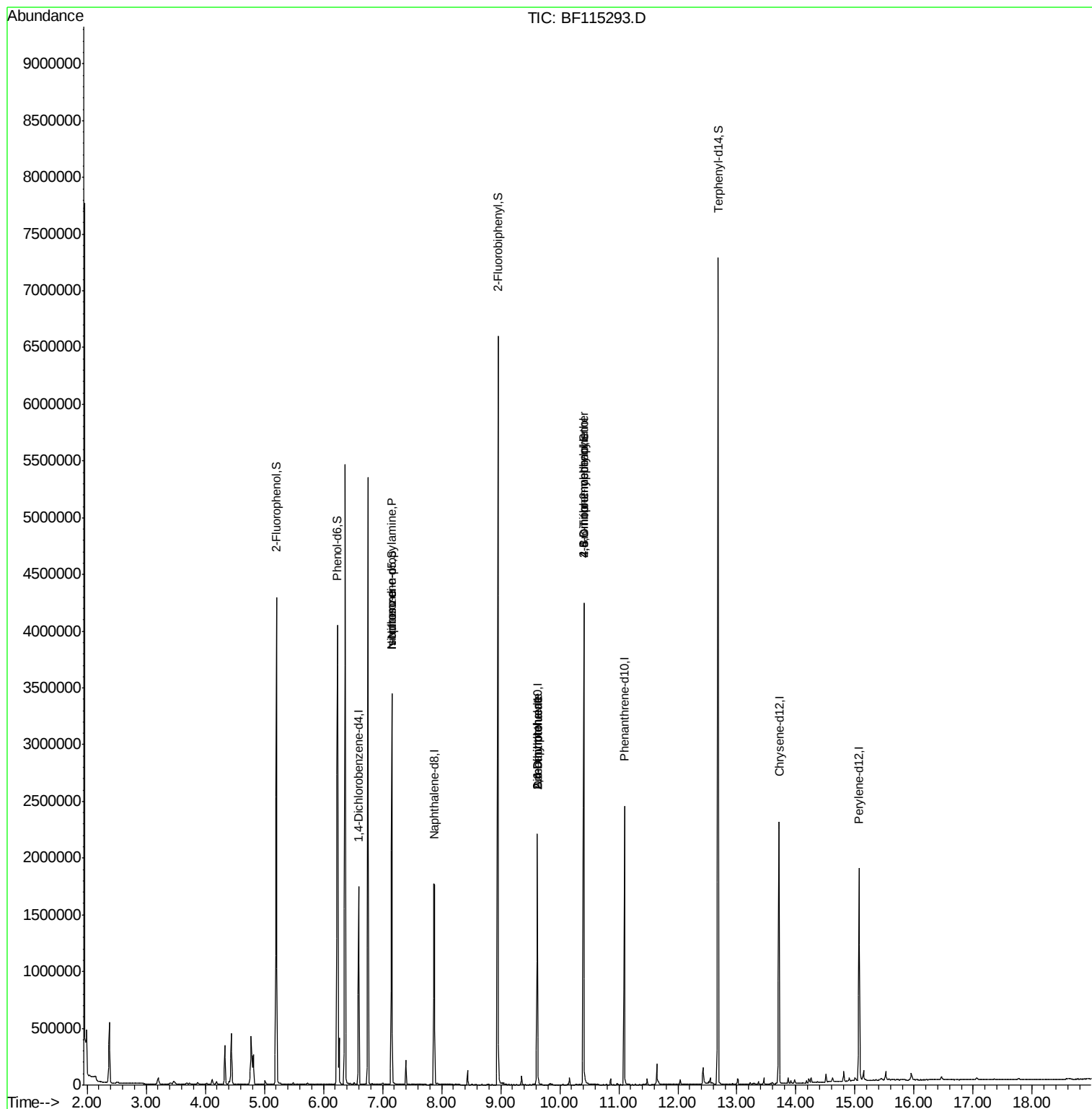
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.15	70	165524	13.645	ng	# 78
25) Isophorone	7.16	82	1248446	40.457	ng	# 63
50) Dimethylphthalate	9.62	163	128658	3.765	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	60452	7.662	ng	# 29
57) 2,4-Dinitrotoluene	9.62	165	60452	5.934	ng	# 30
58) Fluorene	10.41	166	29147	Below Cal		# 88
65) 4,6-Dinitro-2-methylphenol	10.41	198	1203	5.174	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	40640	3.950	ng	# 1

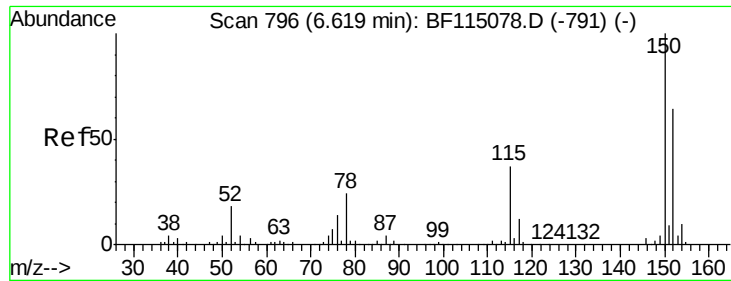
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF115293.D
Acq On : 28 Jun 2019 20:37
Operator : HP/JU
Sample : K3555-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-18

Quant Time: Jun 29 02:37:58 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



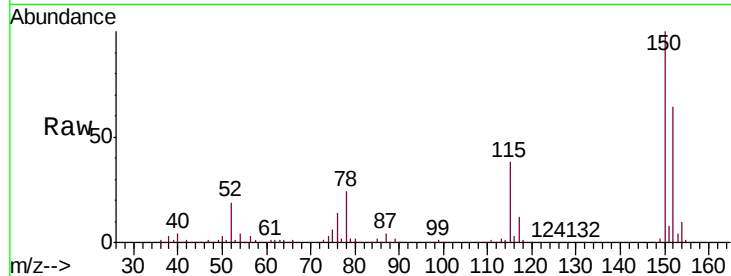


#1

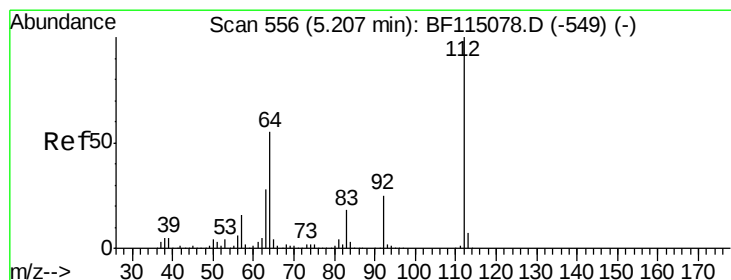
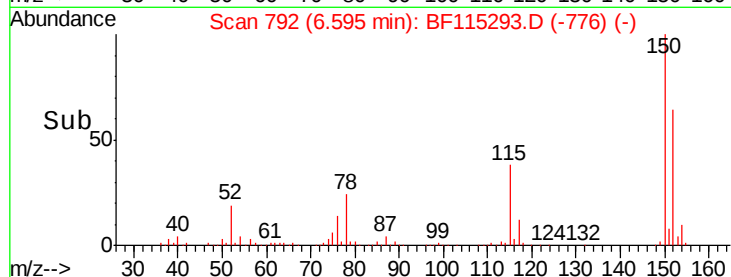
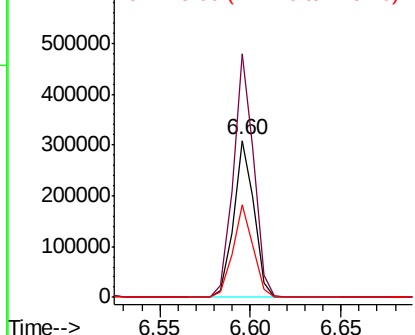
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Instrument :
BNA_F
ClientSampleId :
SAMPLE-18

Tgt Ion:152 Resp: 240911
Ion Ratio Lower Upper
152 100
150 155.1 124.2 186.2
115 59.4 46.1 69.1



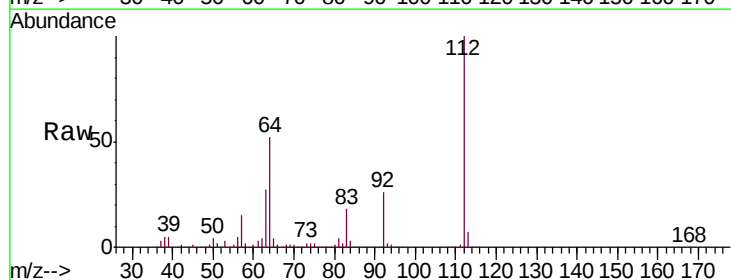
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



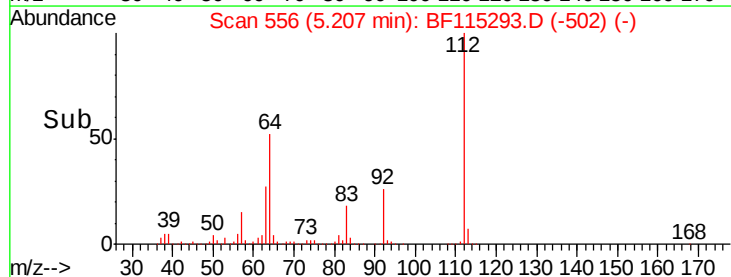
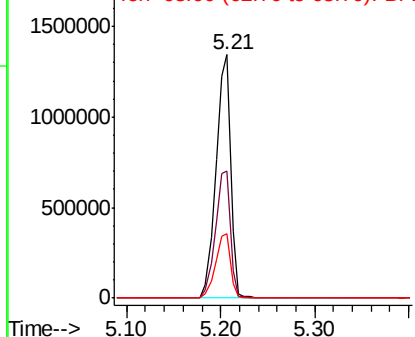
#5

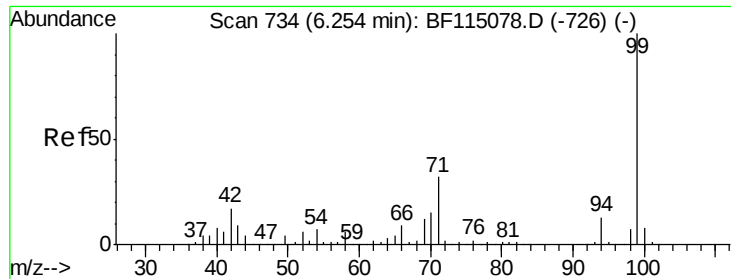
2-Fluorophenol
Concen: 94.812 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Tgt Ion:112 Resp: 1480152
Ion Ratio Lower Upper
112 100
64 52.2 43.8 65.6
63 26.5 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: 88.320 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115293.D

Acq: 28 Jun 2019 20:37

Instrument :

BNA_F

ClientSampleId :

SAMPLE-18

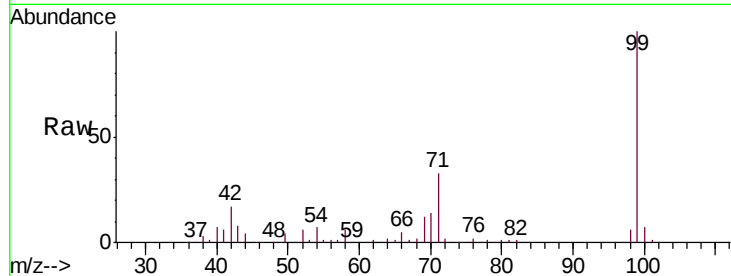
Tgt Ion: 99 Resp: 1673523

Ion Ratio Lower Upper

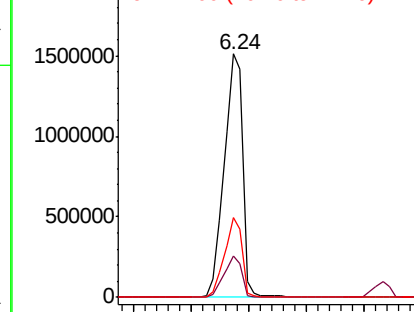
99 100

42 16.9 13.6 20.4

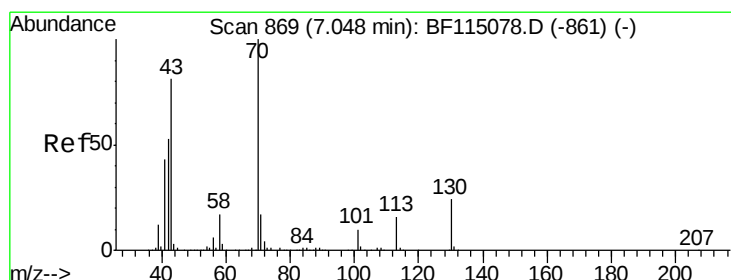
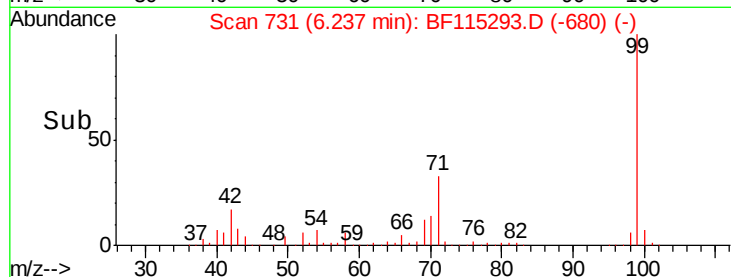
71 32.7 25.5 38.3



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



Time--> 6.15 6.20 6.25 6.30 6.35



#19

n-Nitroso-di-n-propylamine

Concen: 13.645 ng

RT: 7.15 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF115293.D

Acq: 28 Jun 2019 20:37

Tgt Ion: 70 Resp: 165524

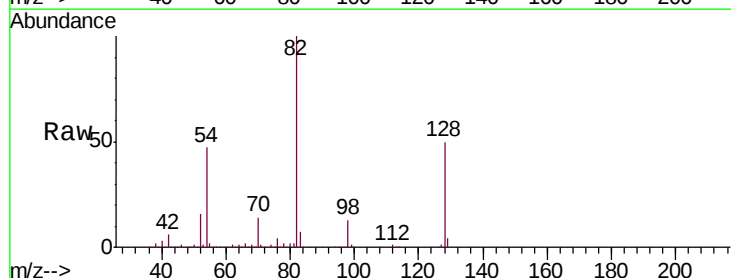
Ion Ratio Lower Upper

70 100

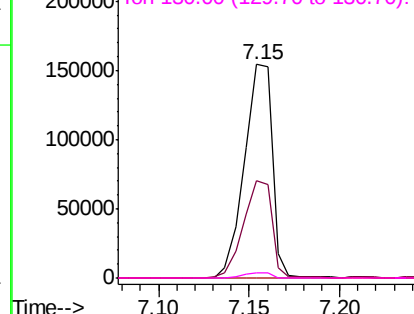
42 45.3 42.6 63.8

101 0.0 8.0 12.0#

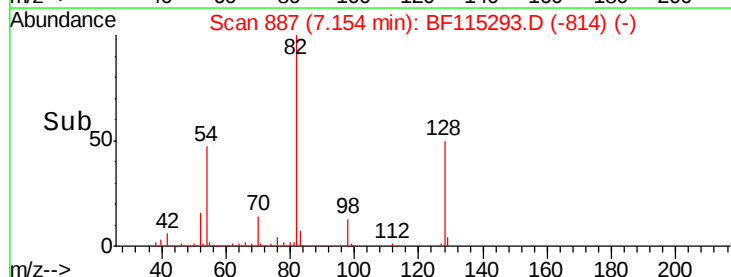
130 2.5 19.4 29.0#

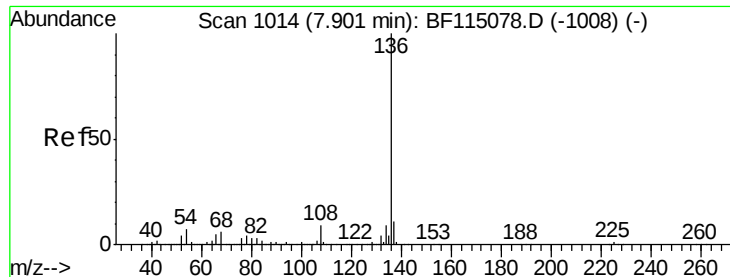


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): B
Ion 130.00 (129.70 to 130.70): B



Time--> 7.10 7.15 7.20

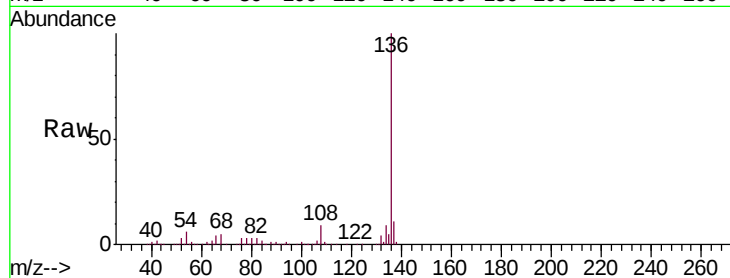




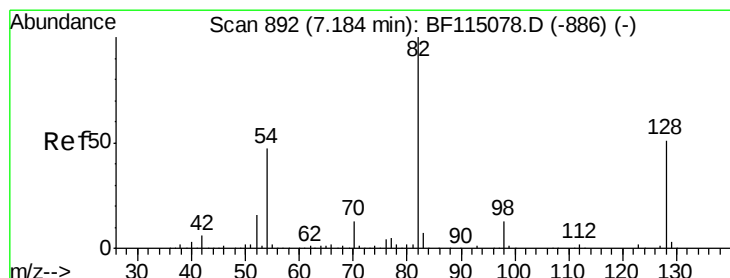
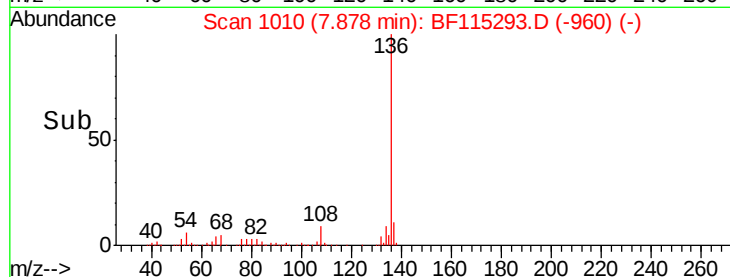
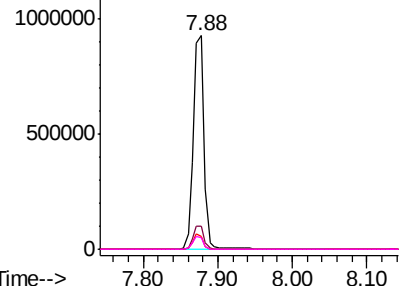
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Instrument :
BNA_F
ClientSampleId :
SAMPLE-18

Tgt Ion:	136	Resp:	926659
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.3	5.6	8.4
68	5.2	4.8	7.2

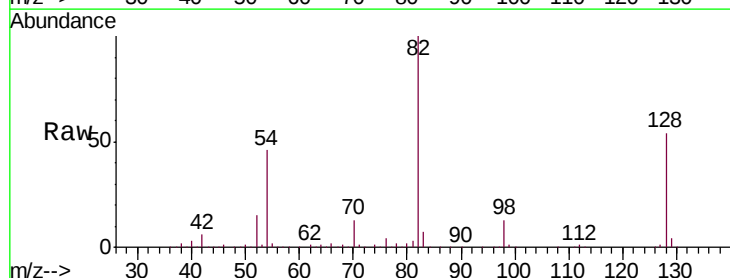


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

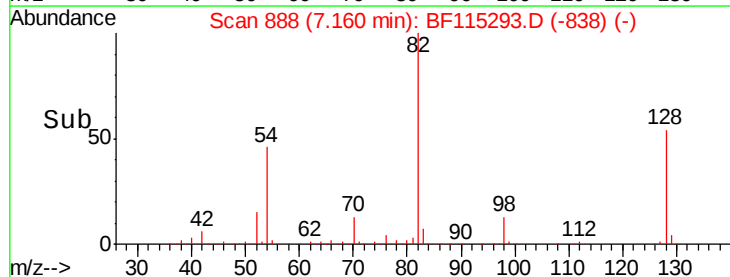
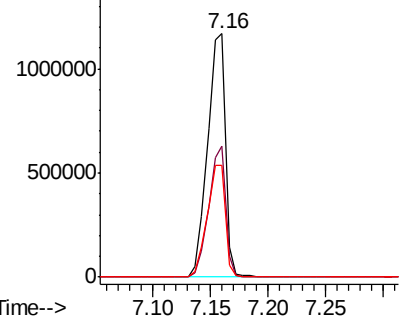


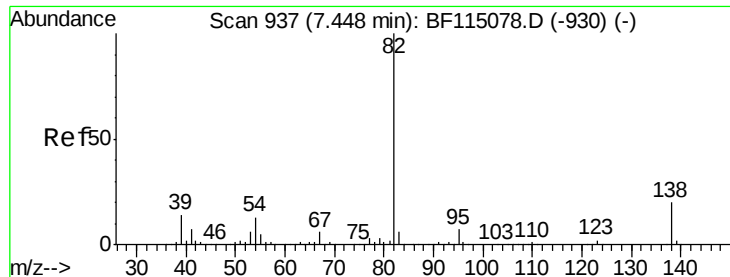
#23
Nitrobenzene-d5
Concen: 83.478 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Tgt Ion:	82	Resp:	1257494
Ion	Ratio	Lower	Upper
82	100		
128	53.7	40.4	60.6
54	46.0	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: 40.457 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115293.D

Acq: 28 Jun 2019 20:37

Instrument :

BNA_F

ClientSampleId :

SAMPLE-18

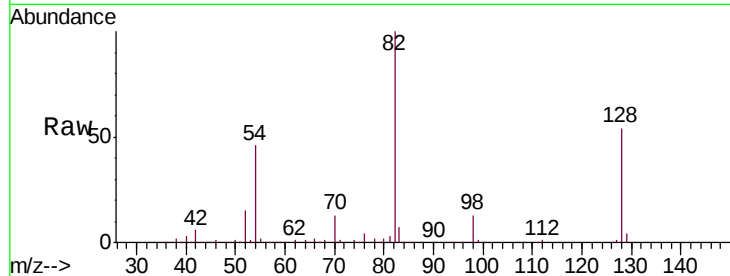
Tgt Ion: 82 Resp: 1248446

Ion Ratio Lower Upper

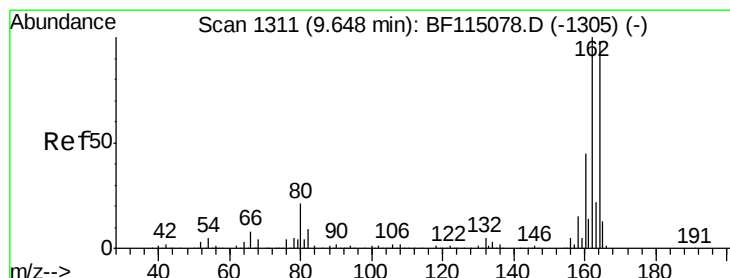
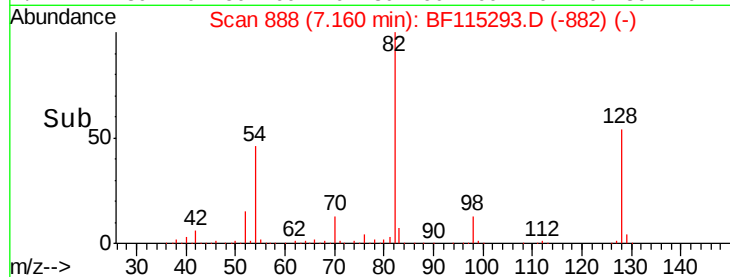
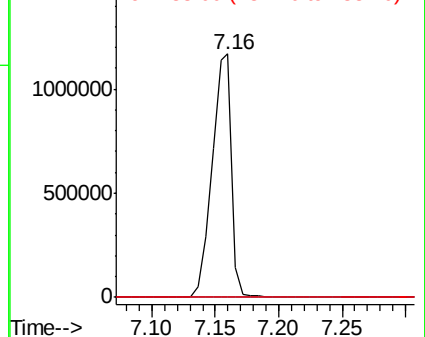
82 100

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: BF115293.D

Acq: 28 Jun 2019 20:37

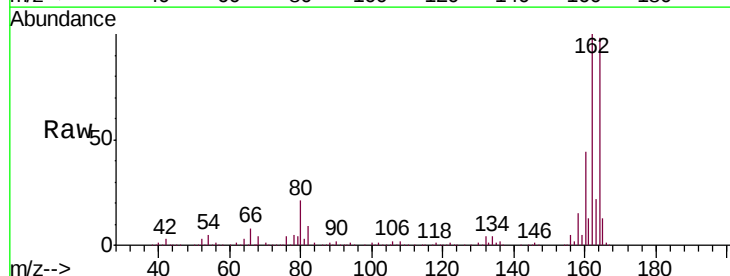
Tgt Ion: 164 Resp: 464476

Ion Ratio Lower Upper

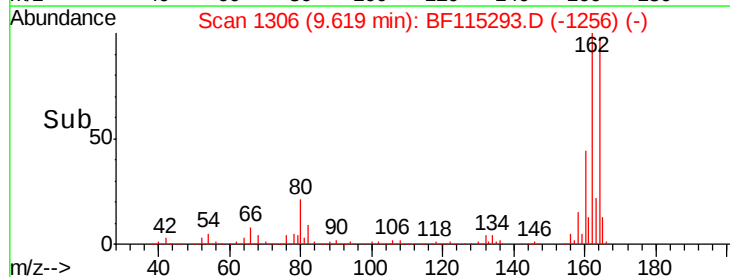
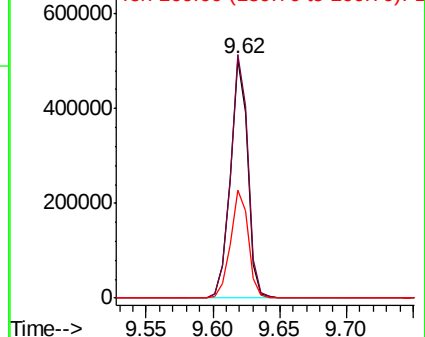
164 100

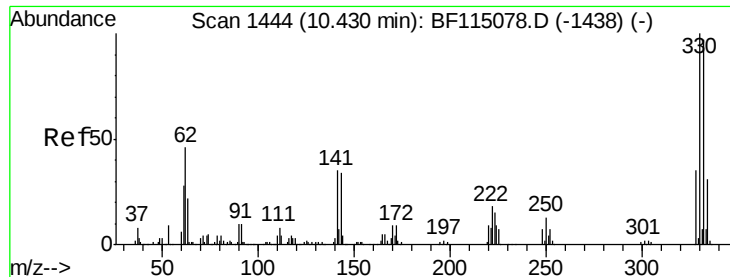
162 102.0 81.7 122.5

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: 131.056 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115293.D

Acq: 28 Jun 2019 20:37

Instrument :

BNA_F

ClientSampleId :

SAMPLE-18

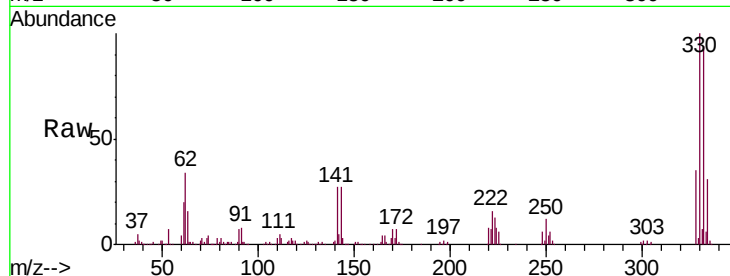
Tgt Ion:330 Resp: 641923

Ion Ratio Lower Upper

330 100

332 95.3 77.3 115.9

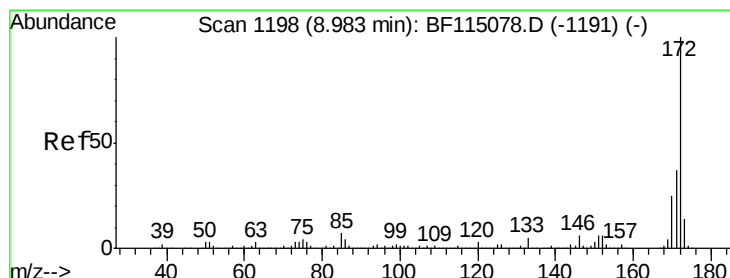
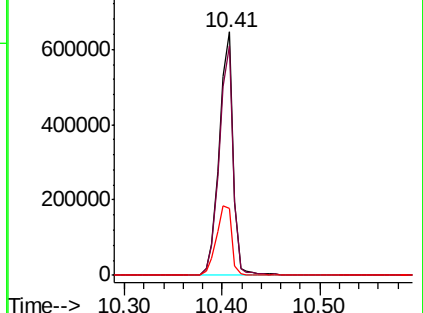
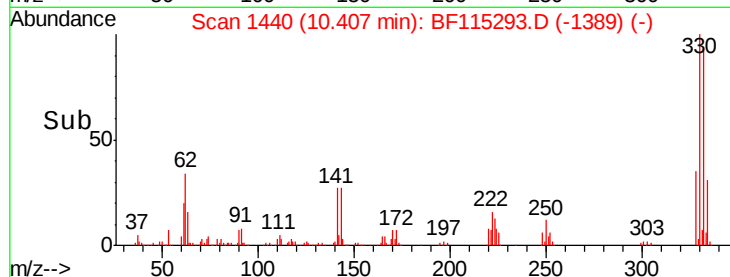
141 31.7 28.2 42.2



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: 90.277 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115293.D

Acq: 28 Jun 2019 20:37

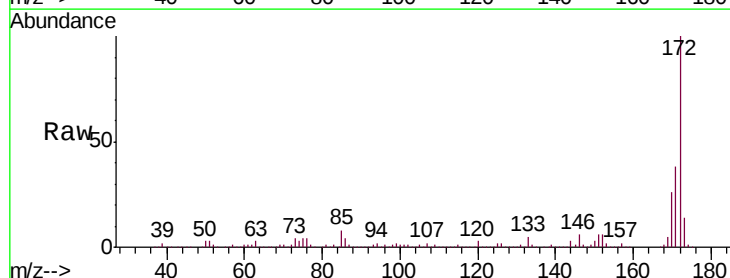
Tgt Ion:172 Resp: 2468559

Ion Ratio Lower Upper

172 100

171 37.9 29.8 44.6

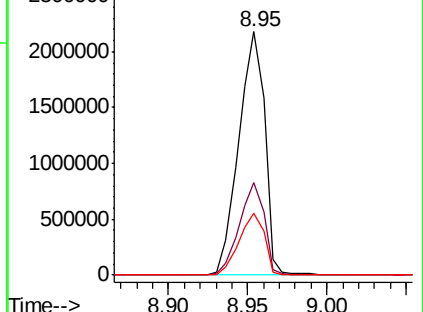
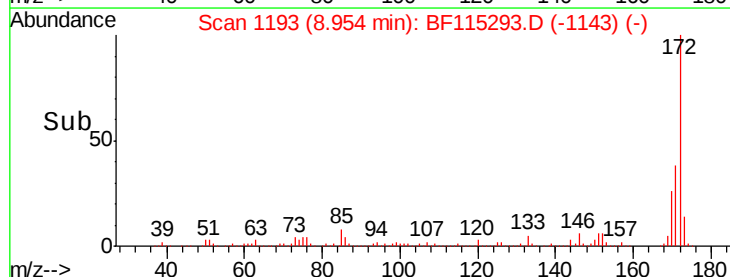
170 25.5 20.3 30.5

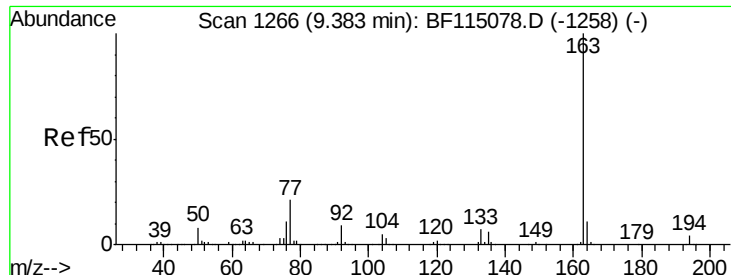


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

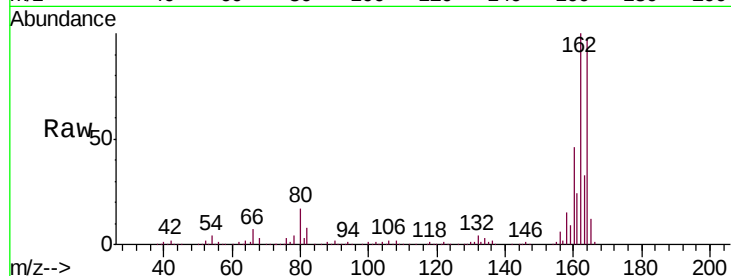




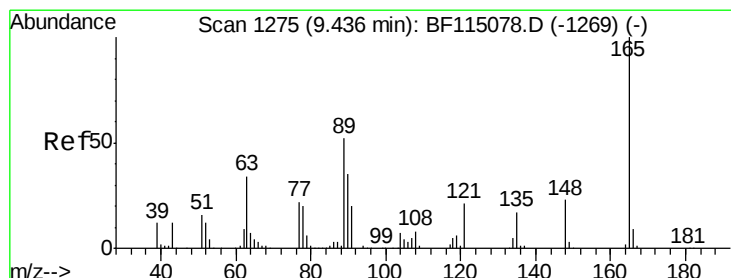
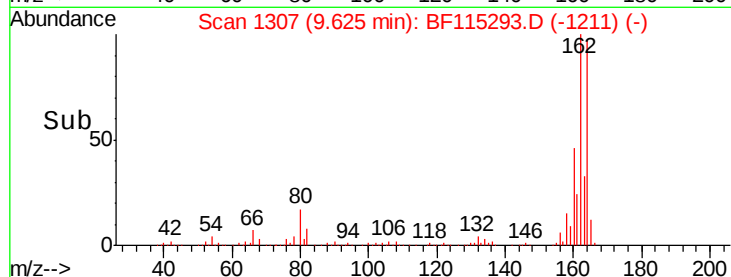
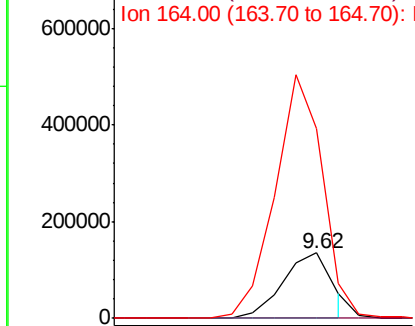
#50
Dimethylphthalate
Concen: 3.765 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Instrument :
BNA_F
ClientSampleId :
SAMPLE-18

Tgt Ion:163 Resp: 128658
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 289.7 8.6 13.0#

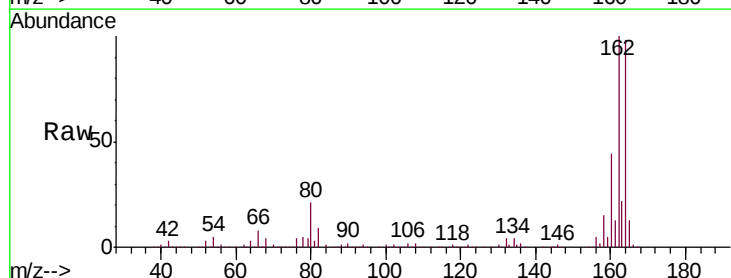


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

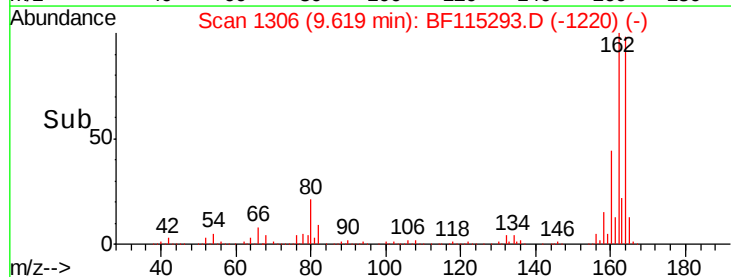
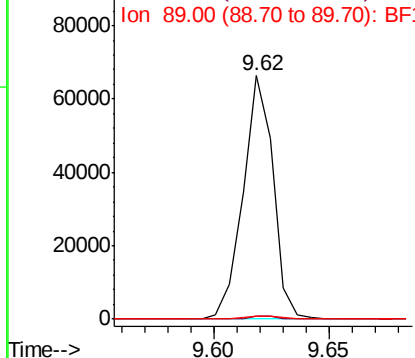


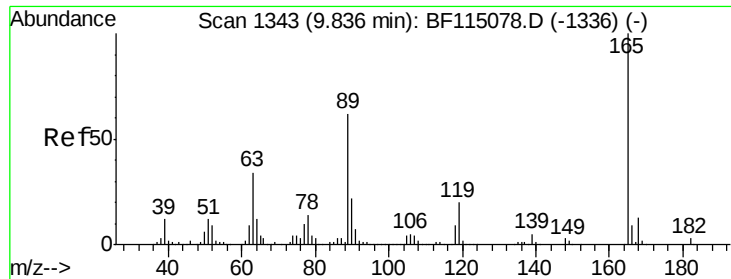
#51
2,6-Dinitrotoluene
Concen: 7.662 ng
RT: 9.62 min Scan# 1306
Delta R.T. 0.21 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Tgt Ion:165 Resp: 60452
Ion Ratio Lower Upper
165 100
63 1.4 39.4 59.2#
89 1.3 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

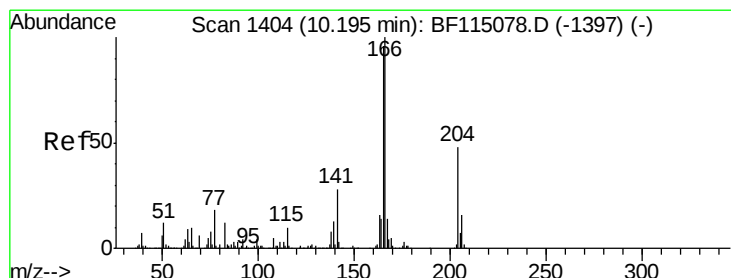
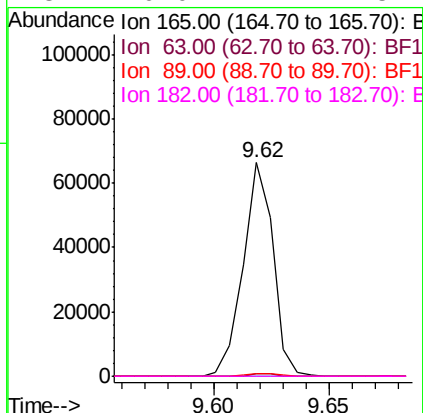
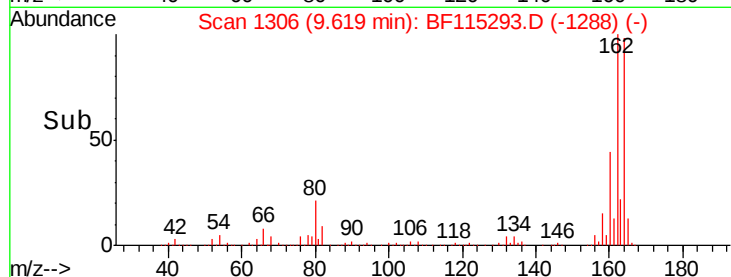
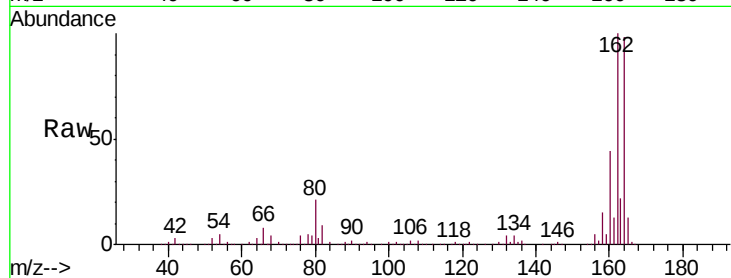




#57
2,4-Dinitrotoluene
Concen: 5.934 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

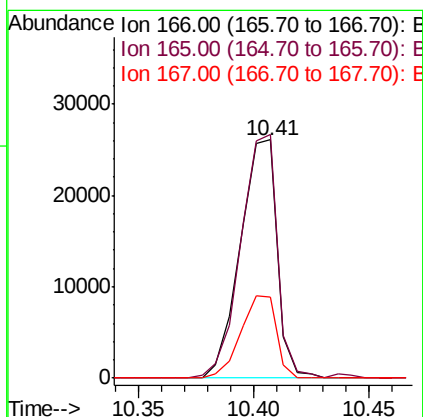
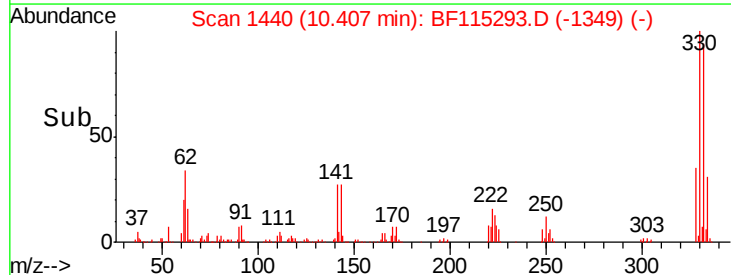
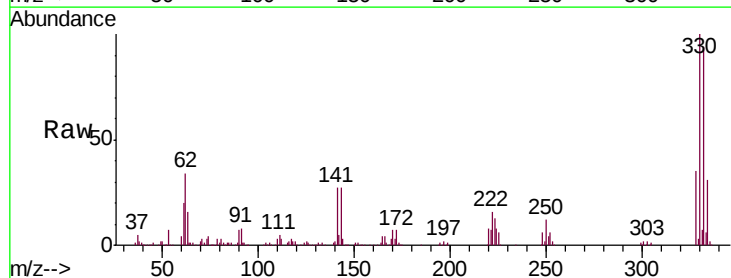
Instrument :
BNA_F
ClientSampleId :
SAMPLE-18

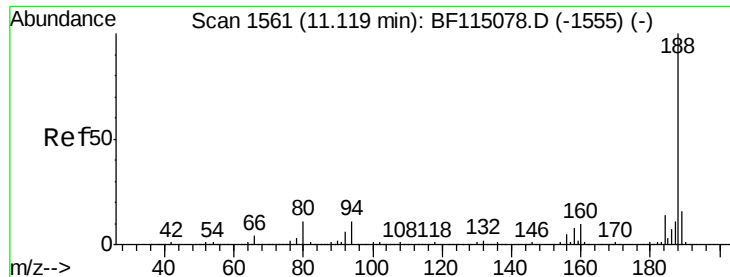
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	27.5	41.3#
89	1.3	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	76.5	114.7
167	33.9	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: BF115293.D

Acq: 28 Jun 2019 20:37

Instrument :

BNA_F

ClientSampleId :

SAMPLE-18

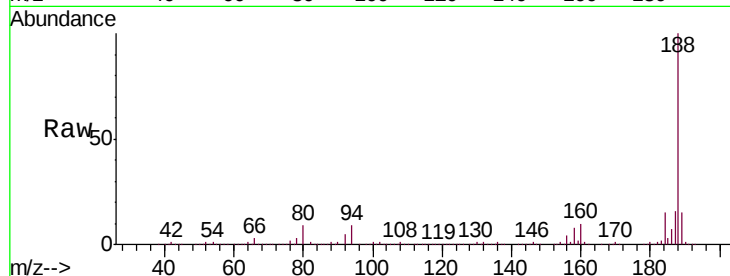
Tgt Ion:188 Resp: 949064

Ion Ratio Lower Upper

188 100

94 8.7 8.6 12.8

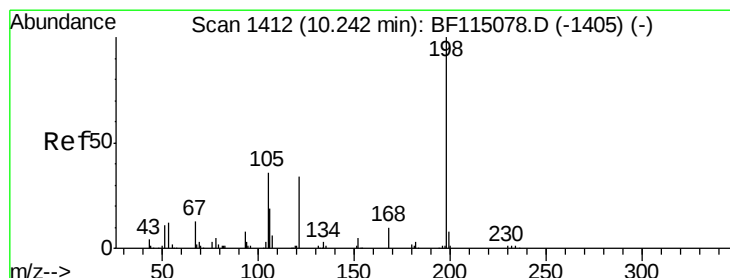
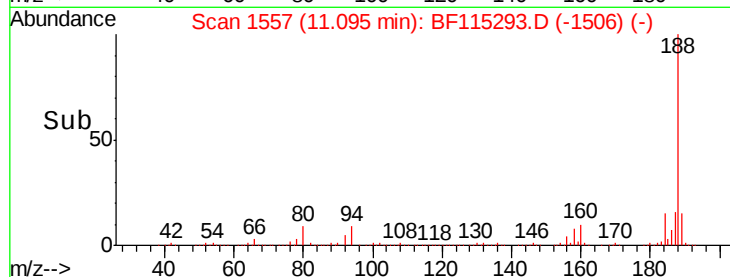
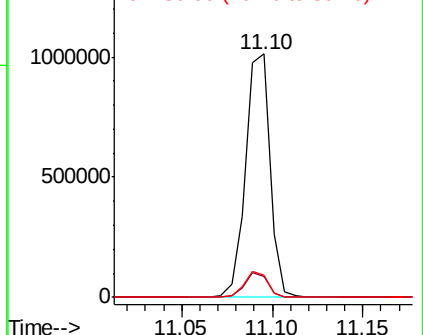
80 9.0 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 5.174 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115293.D

Acq: 28 Jun 2019 20:37

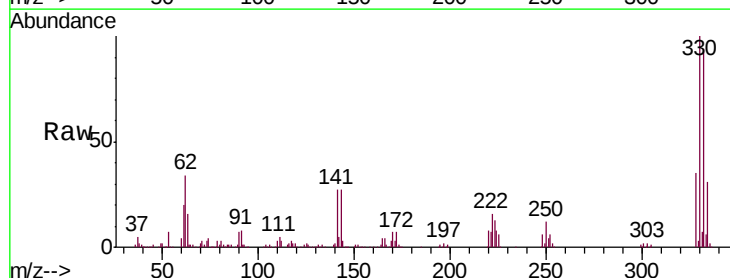
Tgt Ion:198 Resp: 1203

Ion Ratio Lower Upper

198 100

51 126.6 11.0 51.0#

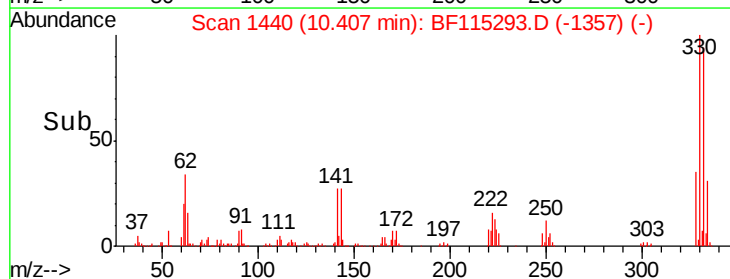
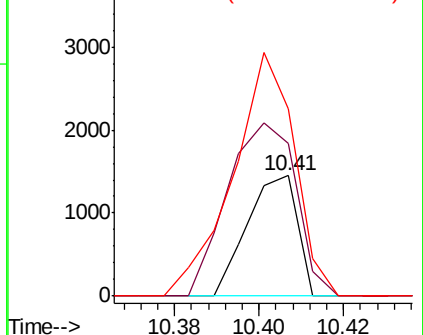
105 156.0 17.3 57.3#

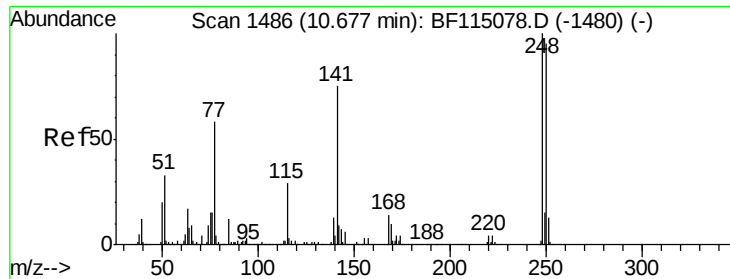


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

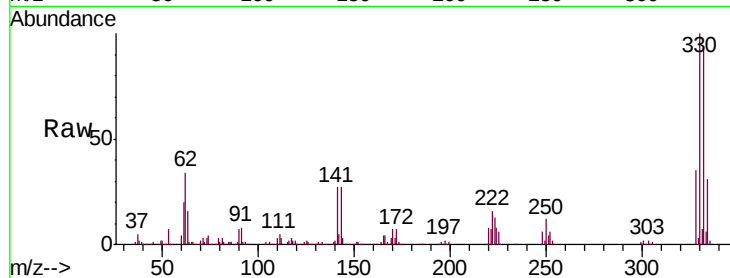




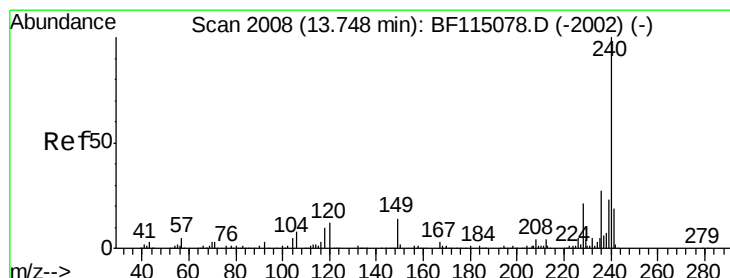
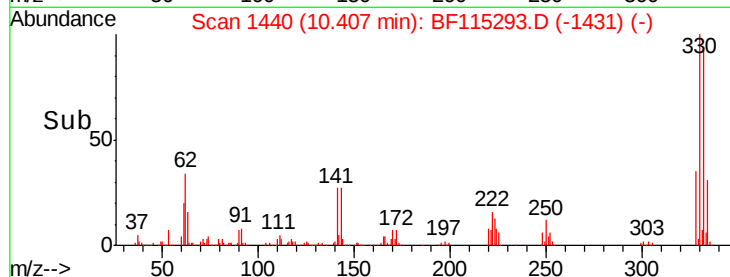
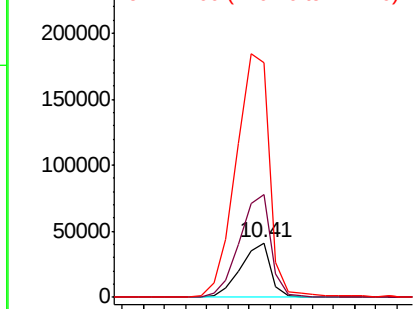
#67
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Instrument :
BNA_F
ClientSampleId :
SAMPLE-18

Tgt Ion:248 Resp: 40640
Ion Ratio Lower Upper
248 100
250 190.7 76.2 114.2#
141 431.9 59.6 89.4#

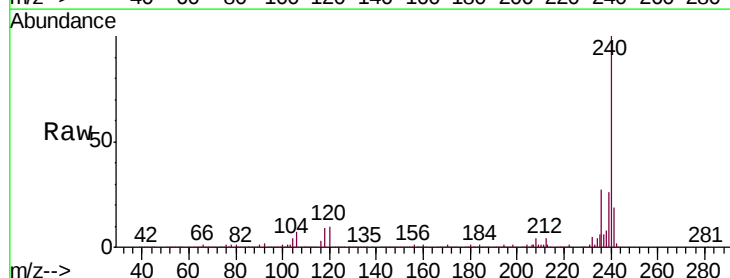


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

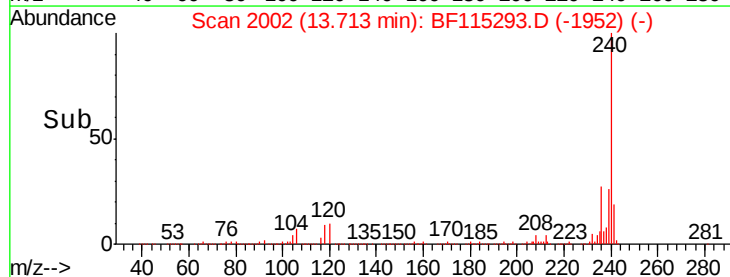
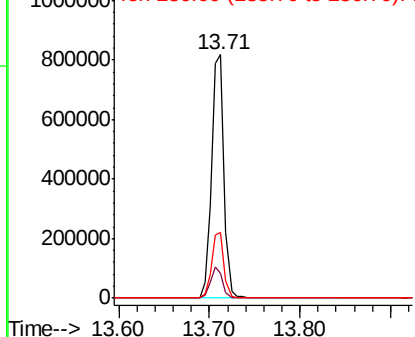


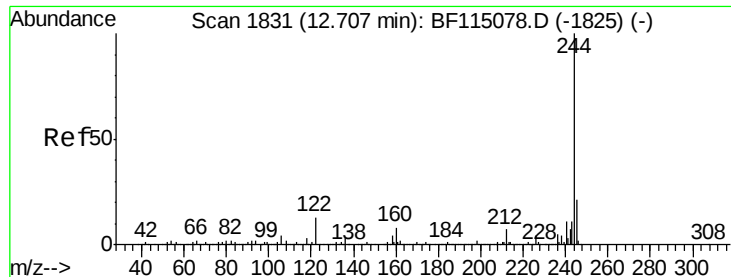
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115293.D
Acq: 28 Jun 2019 20:37

Tgt Ion:240 Resp: 790499
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 27.1 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

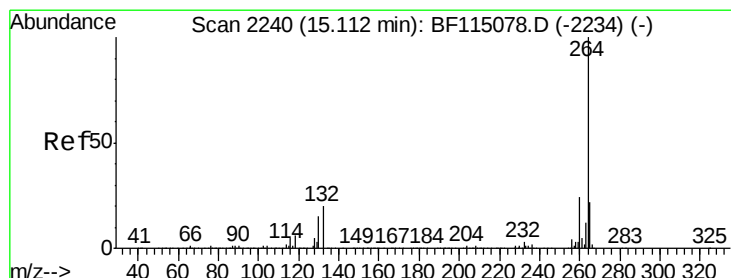
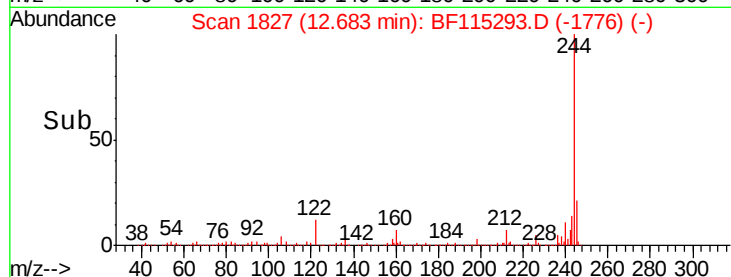
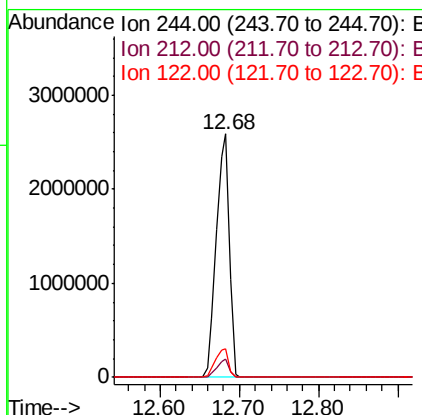
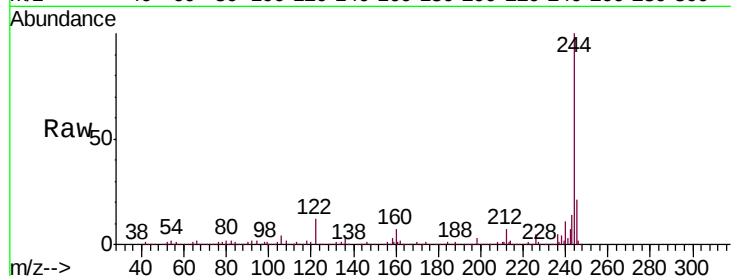




#79
 Terphenyl-d14
 Concen: 79.425 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115293.D
 Acq: 28 Jun 2019 20:37

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-18

Tgt Ion:244 Resp: 2953012
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 11.7 10.4 15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF115293.D
 Acq: 28 Jun 2019 20:37

Tgt Ion:264 Resp: 788660
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 22.2 17.3 25.9

