

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114738.D
 Acq On : 1 Jun 2019 5:26
 Operator : HP/JU
 Sample : K3074-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-S

Quant Time: Jun 01 06:36:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	448855	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1634078	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	767680	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1269635	20.00	ng	0.00
76) Chrysene-d12	13.81	240	862848	20.00	ng	0.00
87) Perylene-d12	15.20	264	787213	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	2632470	102.97	ng	0.03
7) Phenol-d6	6.34	99	2844407	92.33	ng	0.01
23) Nitrobenzene-d5	7.26	82	2202219	84.08	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	875444	119.68	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3775357	94.09	ng	0.00
79) Terphenyl-d14	12.78	244	3423072	74.59	ng	0.00

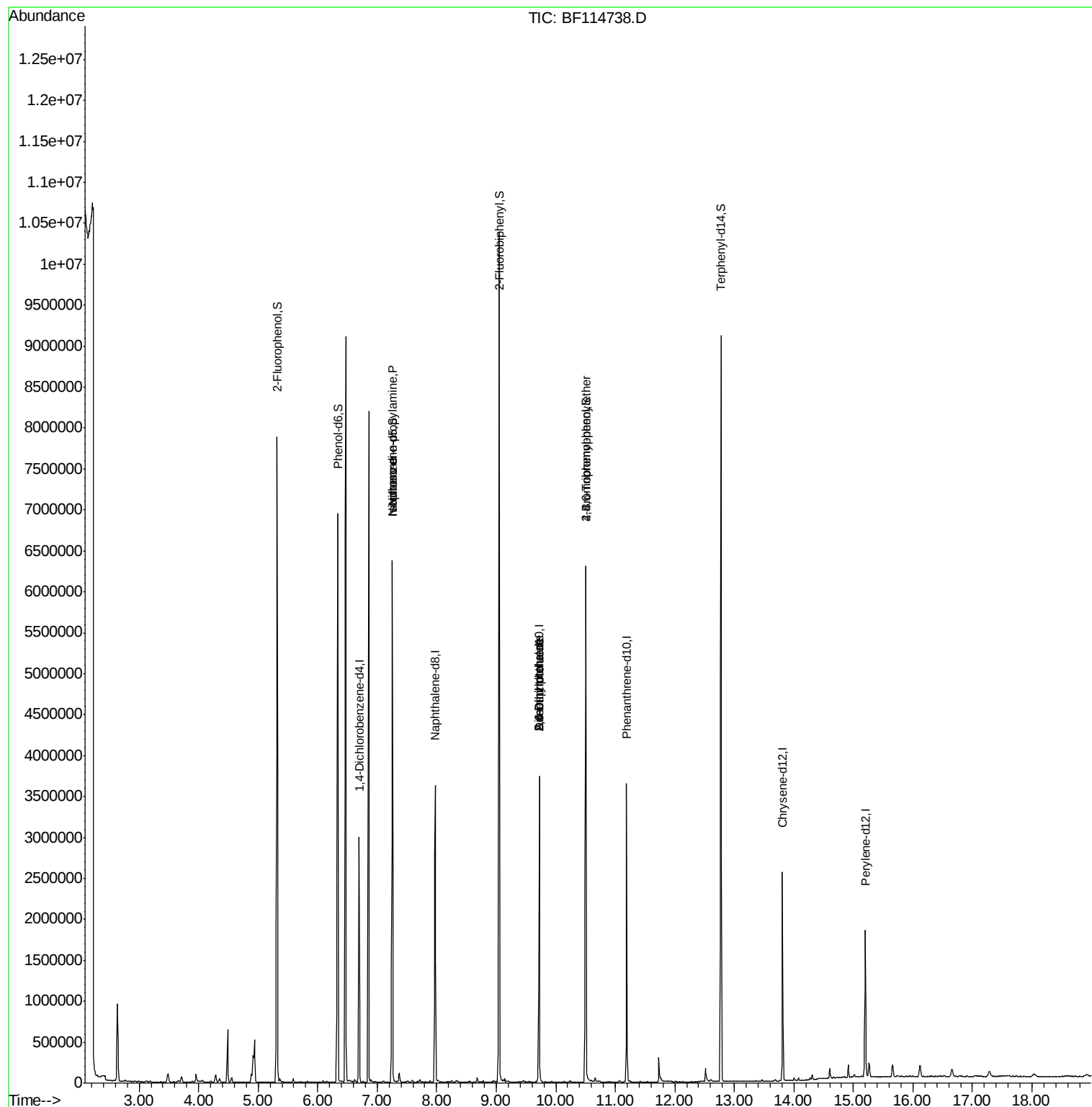
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	66120	Below Cal		81
19) n-Nitroso-di-n-propylamine	7.26	70	303213	14.259 ng	#	75
25) Isophorone	7.26	82	2156046	41.018 ng	#	63
50) Dimethylphthalate	9.72	163	216944	4.056 ng	#	1
51) 2,6-Dinitrotoluene	9.72	165	99832	8.032 ng	#	31
57) 2,4-Dinitrotoluene	9.72	165	99832	6.258 ng	#	24
58) Fluorene	10.26	166	3027	Below Cal		94
67) 4-Bromophenyl-phenylether	10.50	248	56414	4.143 ng	#	1
74) Di-n-butylphthalate	11.76	149	9574	Below Cal		98

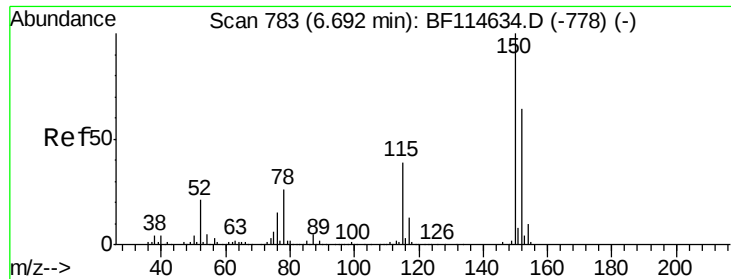
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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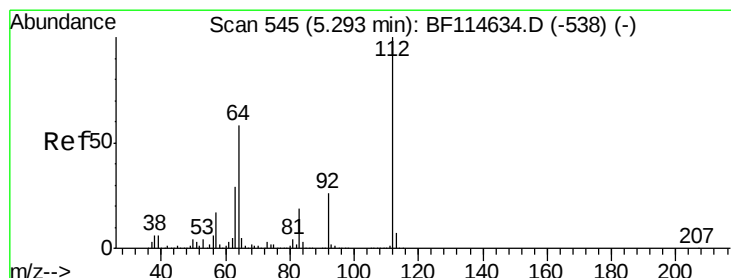
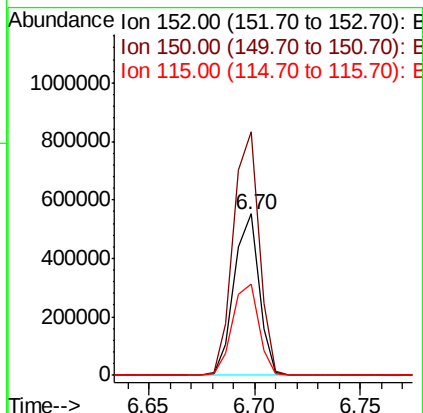
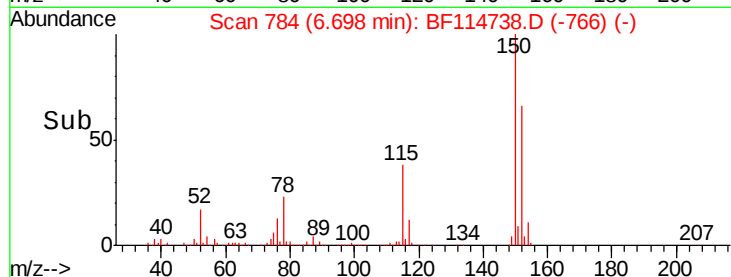
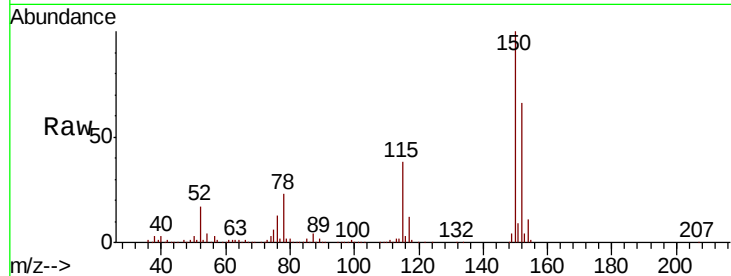


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114738.D
Acq: 1 Jun 2019 5:26

Instrument :
BNA_F
ClientSampled :
TP-3B-S

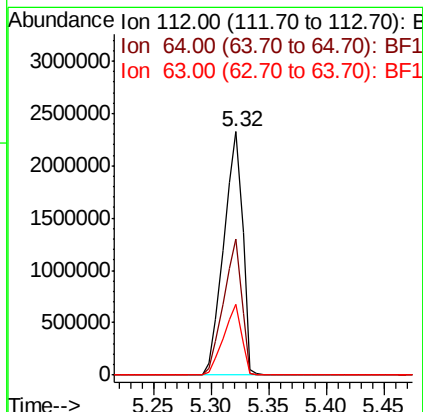
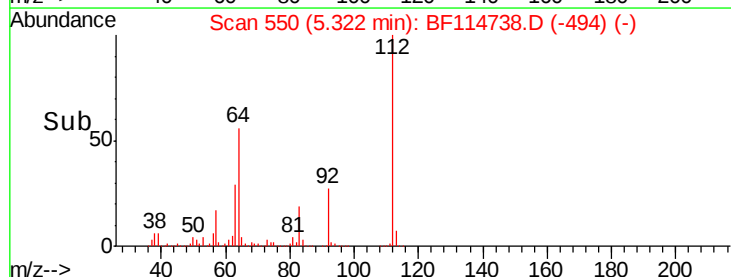
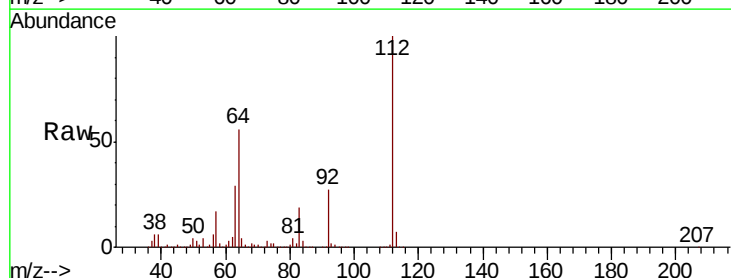
Tgt Ion:152 Resp: 448855
Ion Ratio Lower Upper
152 100
150 151.2 124.4 186.6
115 56.8 48.7 73.1

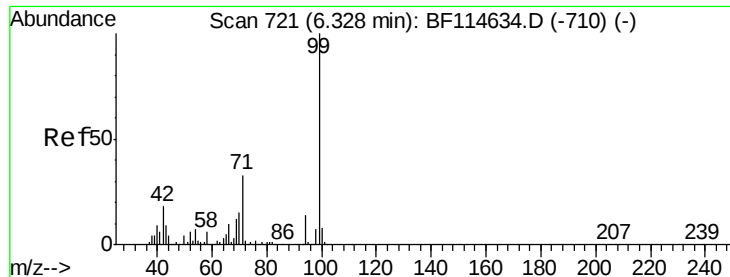


#5

2-Fluorophenol
Concen: 102.970 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.03 min
Lab File: BF114738.D
Acq: 1 Jun 2019 5:26

Tgt Ion:112 Resp: 2632470
Ion Ratio Lower Upper
112 100
64 55.7 46.1 69.1
63 29.1 23.4 35.2





#7

Phenol-d6

Concen: 92.329 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114738.D

Acq: 1 Jun 2019 5:26

Instrument :

BNA_F

ClientSampleId :

TP-3B-S

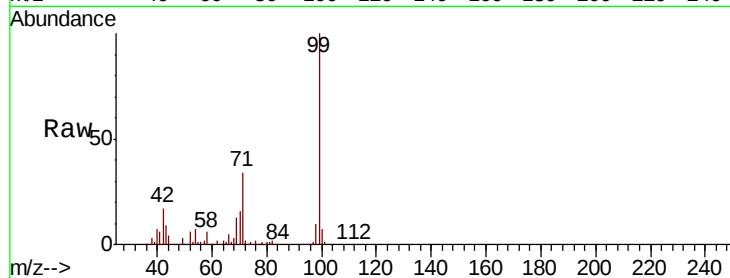
Tgt Ion: 99 Resp: 2844407

Ion Ratio Lower Upper

99 100

42 17.1 14.7 22.1

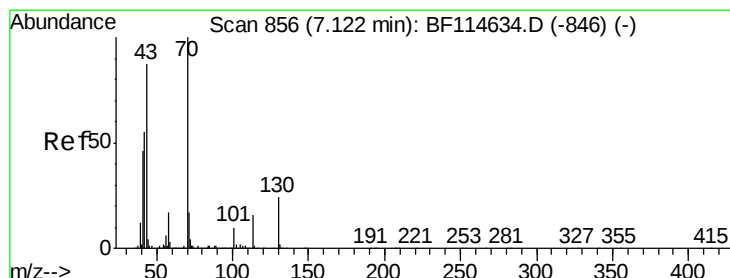
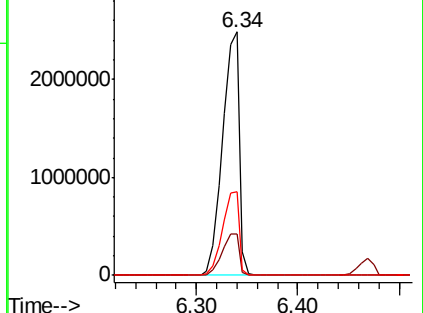
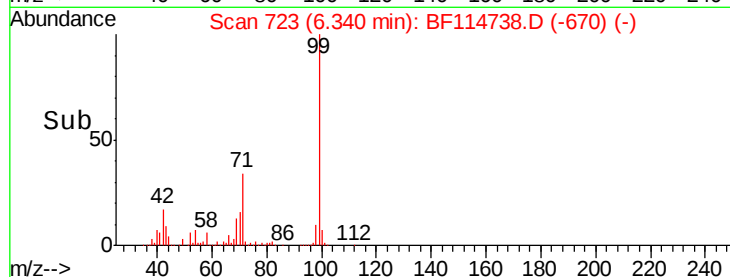
71 34.2 26.6 40.0



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: 14.259 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114738.D

Acq: 1 Jun 2019 5:26

Tgt Ion: 70 Resp: 303213

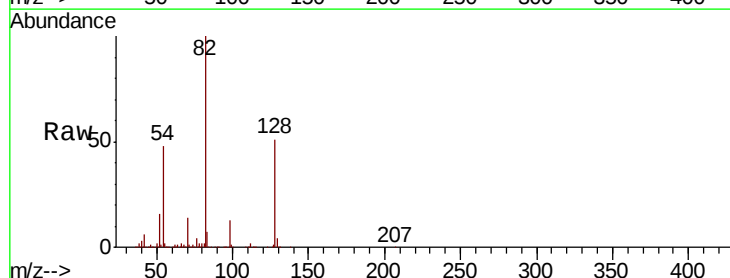
Ion Ratio Lower Upper

70 100

42 43.9 44.4 66.6#

101 0.0 8.2 12.4#

130 2.3 19.4 29.0#

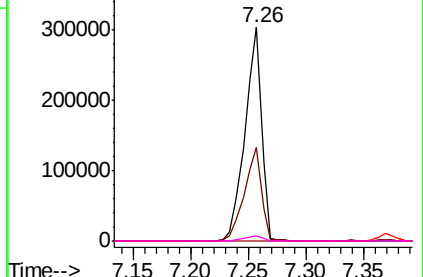
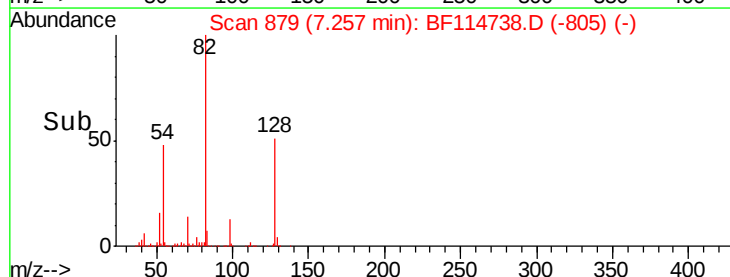


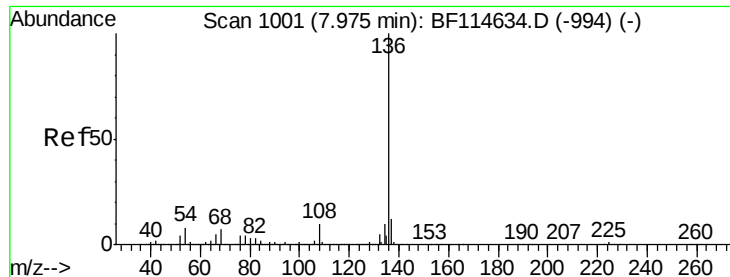
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



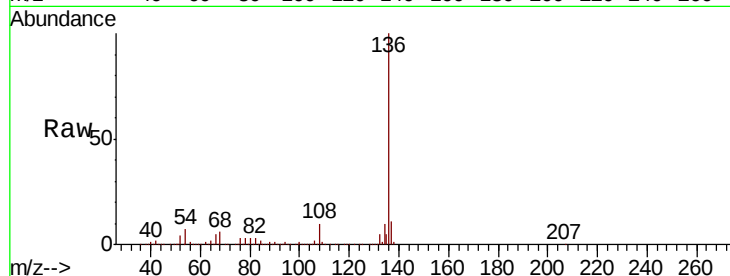


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114738.D
Acq: 1 Jun 2019 5:26

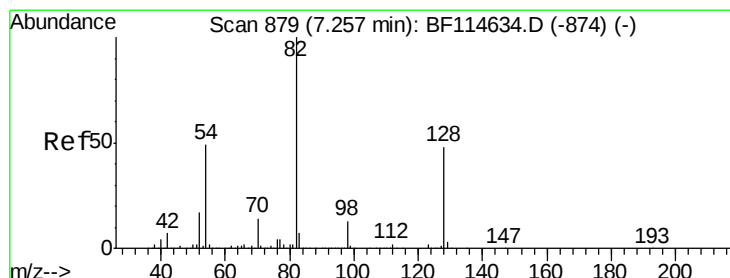
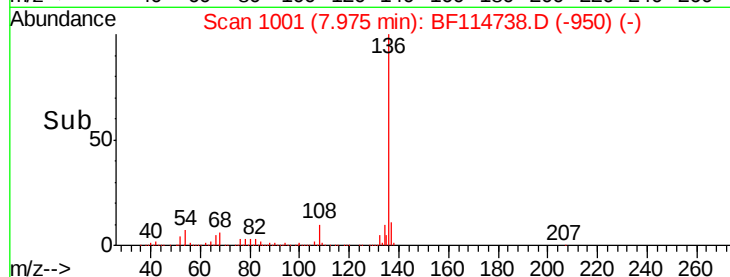
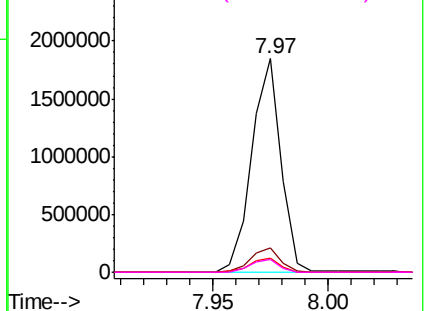
Instrument :
BNA_F
ClientSampleId :
TP-3B-S

Tgt Ion:136 Resp: 1634078

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.6	6.3	9.5
68	5.8	5.4	8.0



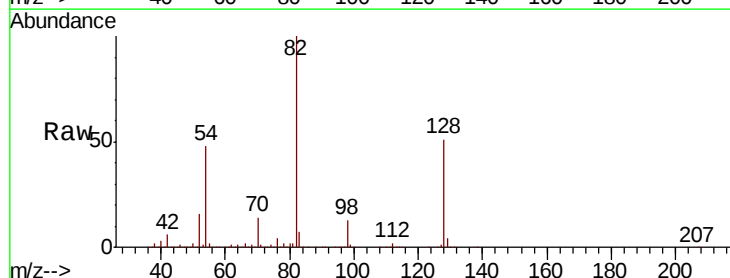
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



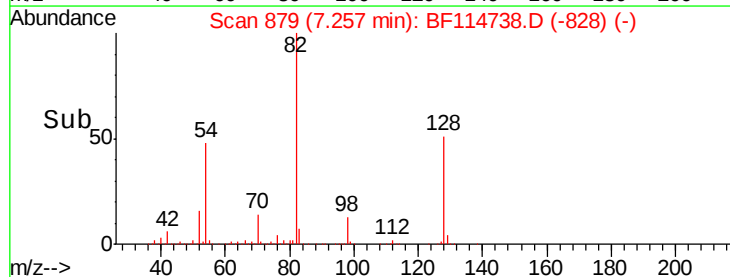
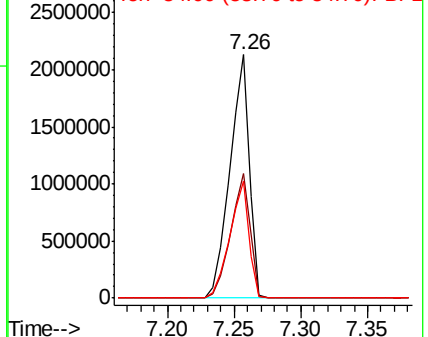
#23
Nitrobenzene-d5
Concen: 84.081 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114738.D
Acq: 1 Jun 2019 5:26

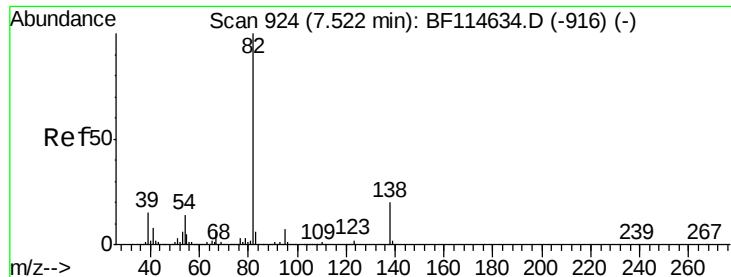
Tgt Ion: 82 Resp: 2202219

Ion	Ratio	Lower	Upper
82	100		
128	51.4	38.5	57.7
54	48.1	39.1	58.7



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

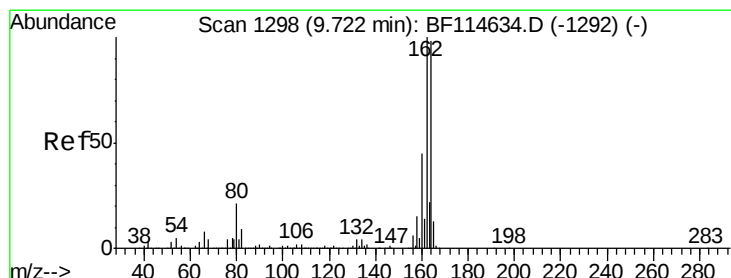
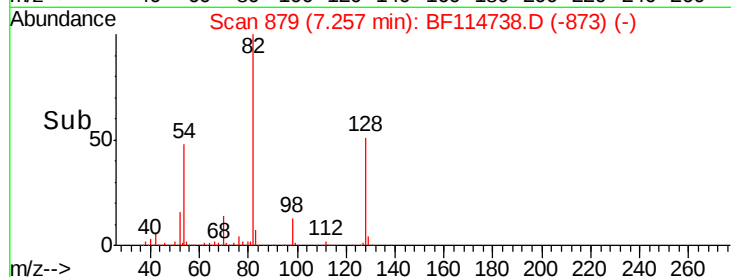
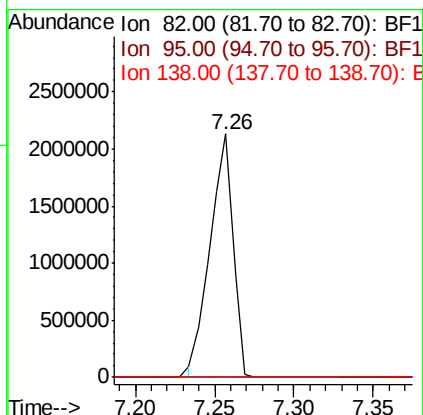
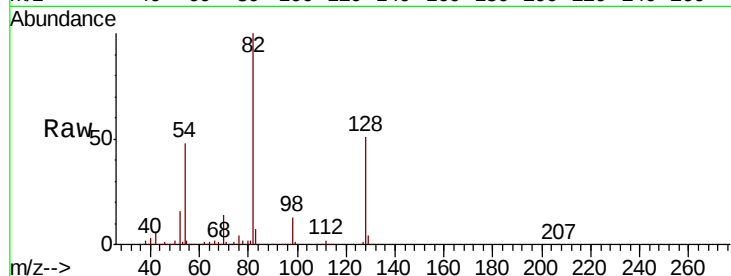




#25
Isophorone
Concen: 41.018 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114738.D
Acq: 1 Jun 2019 5:26

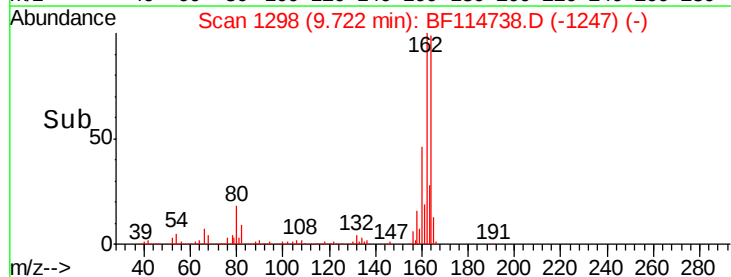
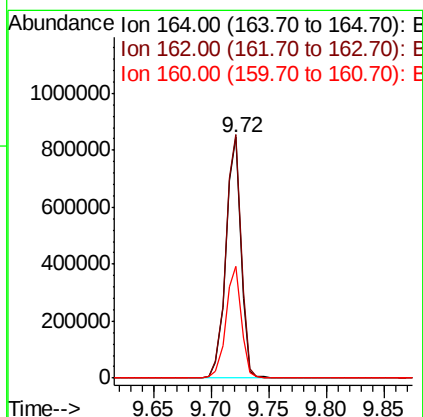
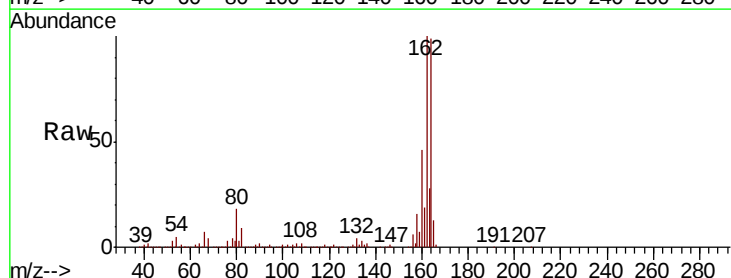
Instrument :
BNA_F
ClientSampleId :
TP-3B-S

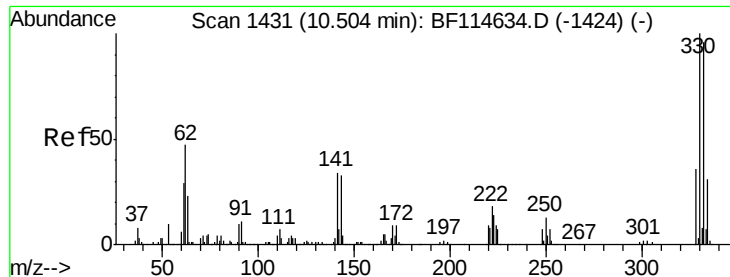
Tgt Ion: 82 Resp: 2156046
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.9 23.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114738.D
Acq: 1 Jun 2019 5:26

Tgt Ion: 164 Resp: 767680
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.2
160 46.4 36.6 54.8

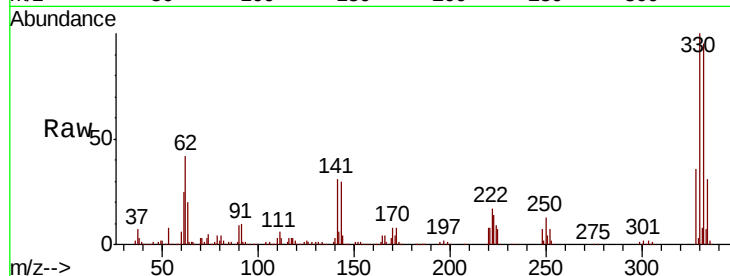




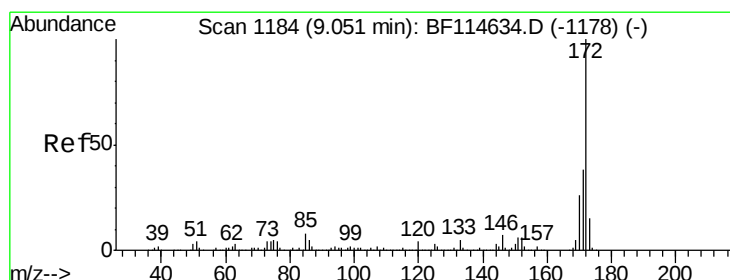
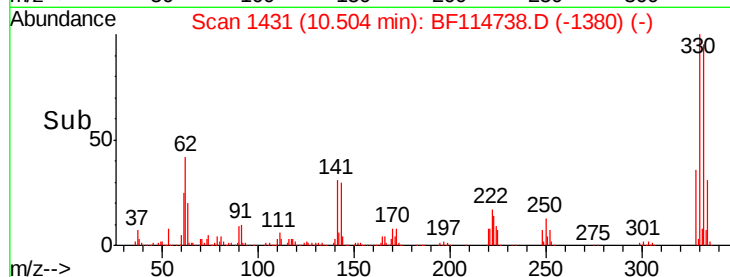
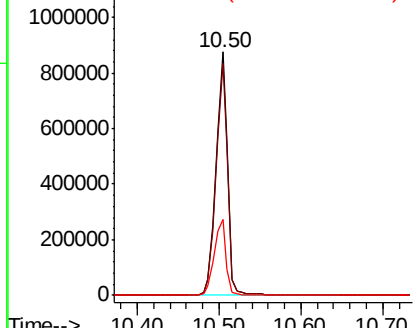
#42
 2,4,6-Tribromophenol
 Concen: 119.681 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114738.D
 Acq: 1 Jun 2019 5:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-S

Tgt Ion:330 Resp: 875444
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.8 113.8
 141 31.8 27.8 41.8

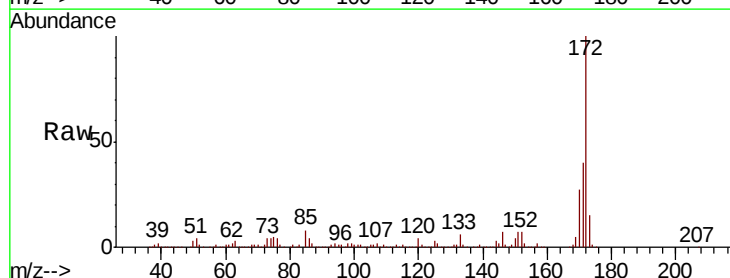


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

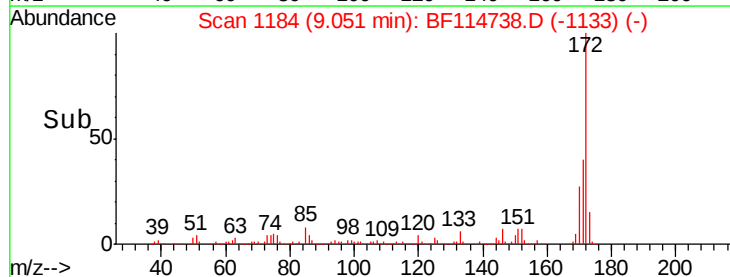
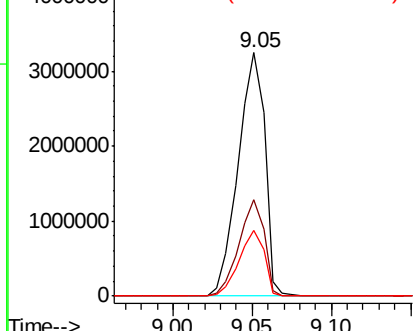


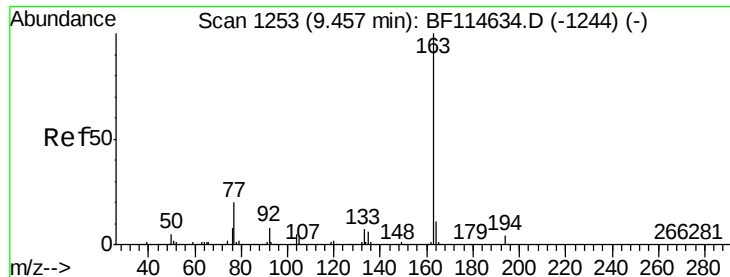
#45
 2-Fluorobiphenyl
 Concen: 94.094 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114738.D
 Acq: 1 Jun 2019 5:26

Tgt Ion:172 Resp: 3775357
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.6 45.8
 170 27.2 20.7 31.1



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: 4.056 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114738.D

Acq: 1 Jun 2019 5:26

Instrument :

BNA_F

ClientSampled :

TP-3B-S

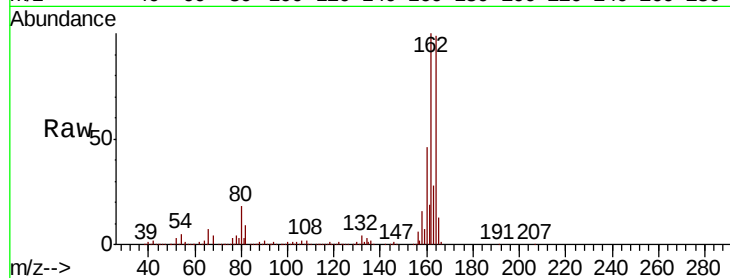
Tgt Ion:163 Resp: 216944

Ion Ratio Lower Upper

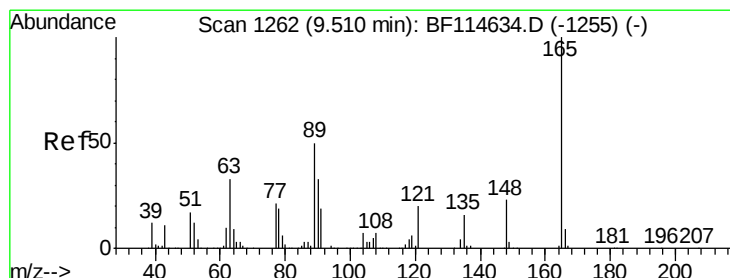
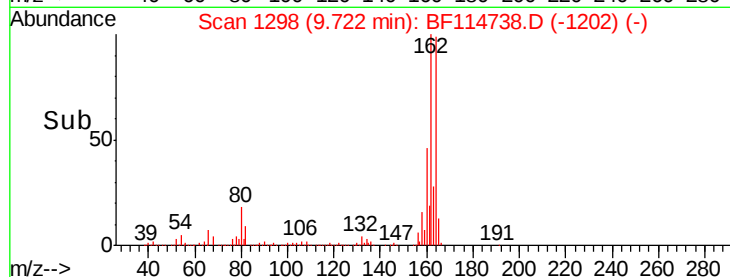
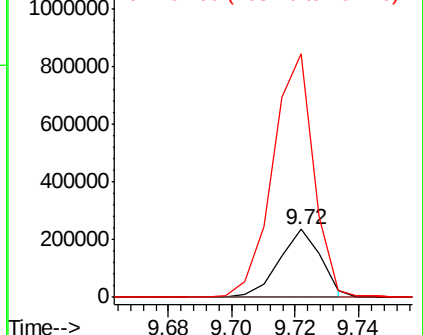
163 100

194 0.0 3.4 5.0#

164 358.3 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: 8.032 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114738.D

Acq: 1 Jun 2019 5:26

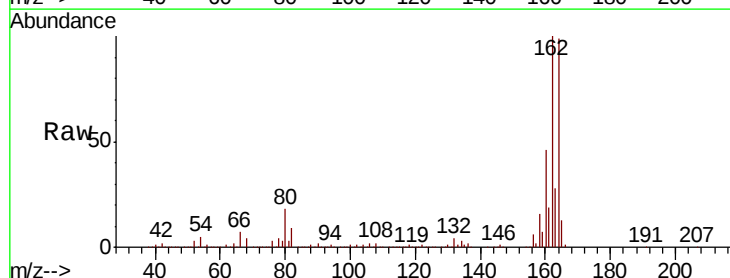
Tgt Ion:165 Resp: 99832

Ion Ratio Lower Upper

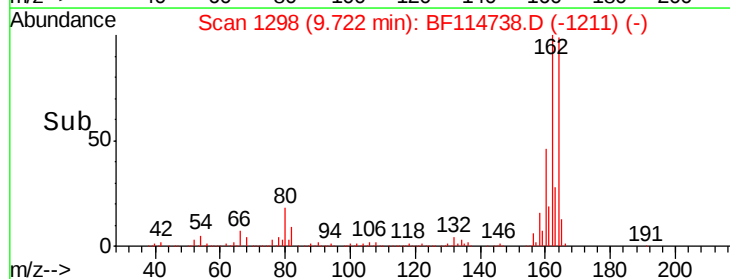
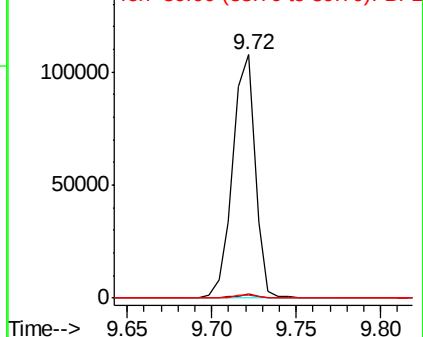
165 100

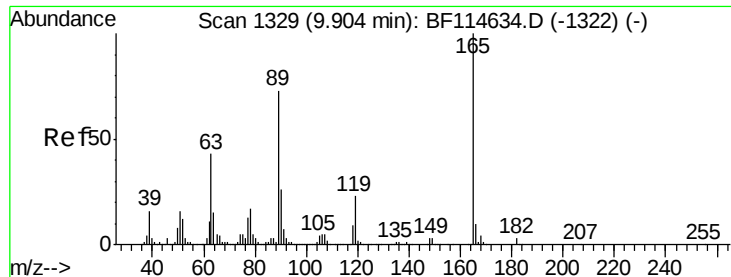
63 1.6 36.6 54.8#

89 1.4 40.2 60.4#



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

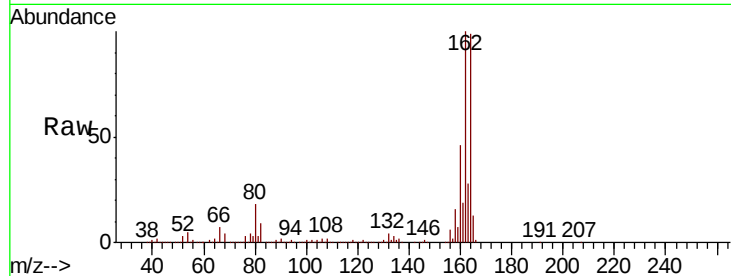




#57
 2,4-Dinitrotoluene
 Concen: 6.258 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.18 min
 Lab File: BF114738.D
 Acq: 1 Jun 2019 5:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.8	52.2#
89	1.4	58.5	87.7#
182	0.0	2.2	3.2#

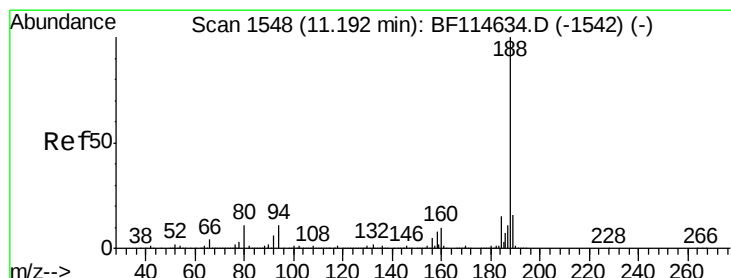
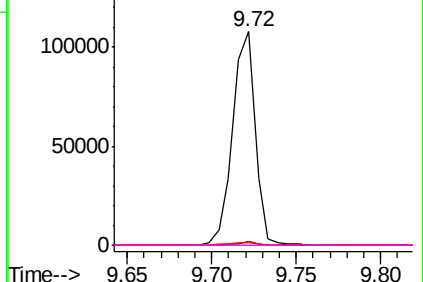
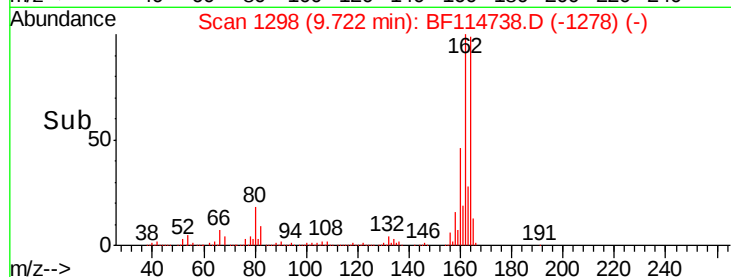


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

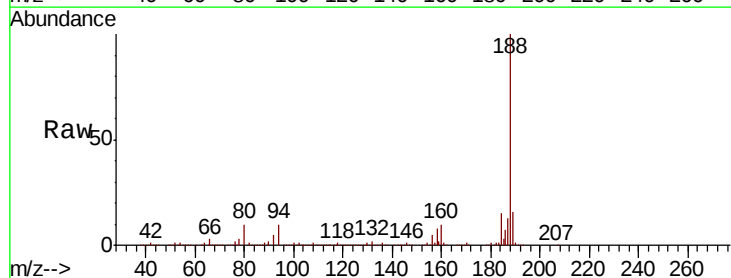
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF114738.D
 Acq: 1 Jun 2019 5:26

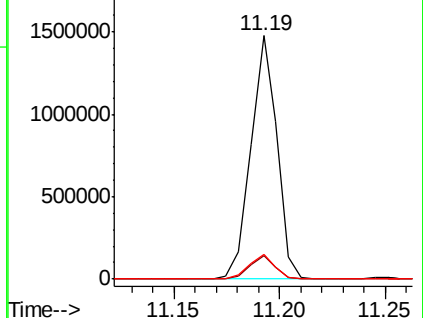
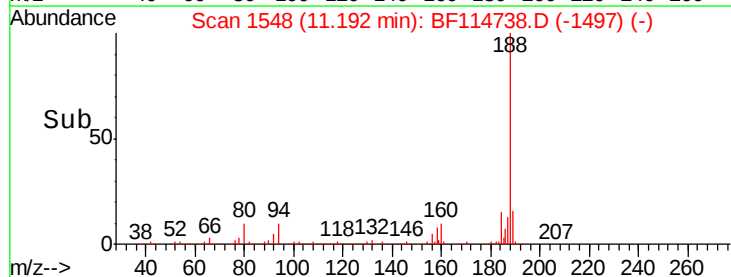
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.6	13.0
80	10.3	9.0	13.6

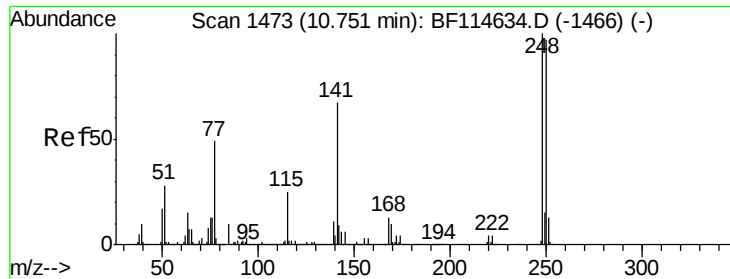


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

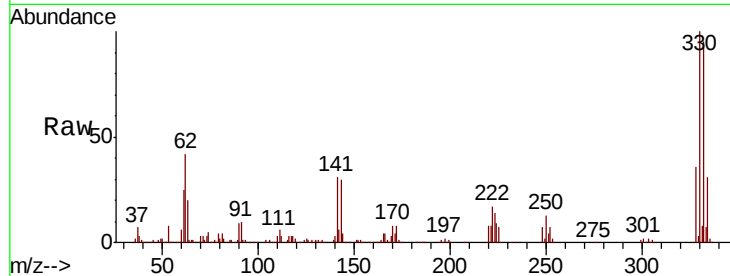




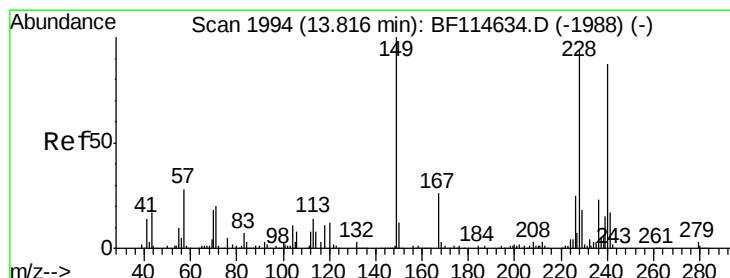
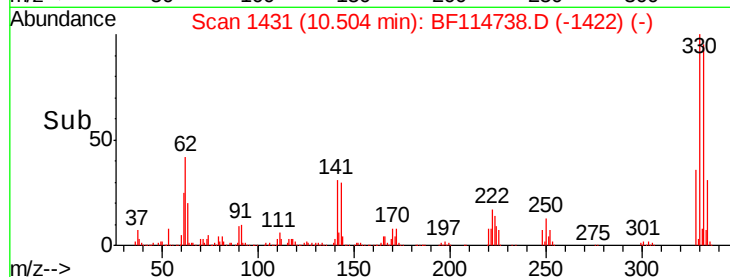
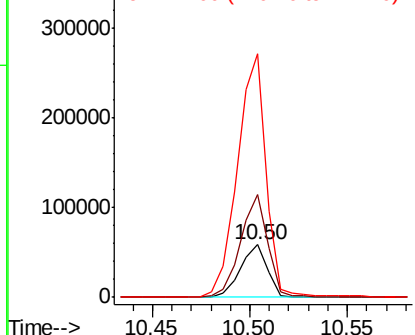
#67
 4-Bromophenyl-phenylether
 Concen: 4.143 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114738.D
 Acq: 1 Jun 2019 5:26

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-S

Tgt Ion: 248 Resp: 56414
 Ion Ratio Lower Upper
 248 100
 250 195.0 78.0 117.0#
 141 463.3 53.8 80.8#

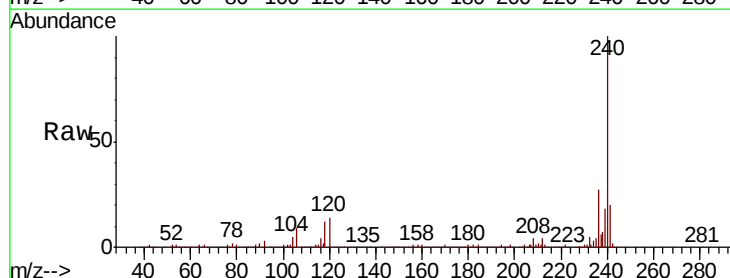


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

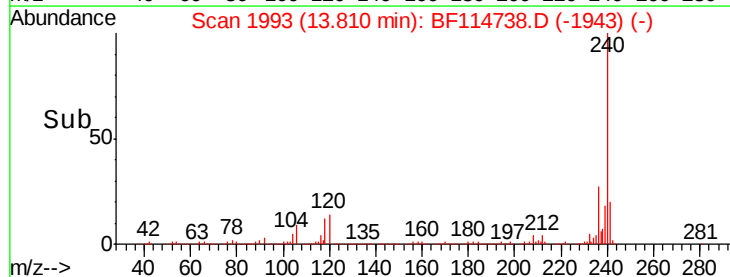
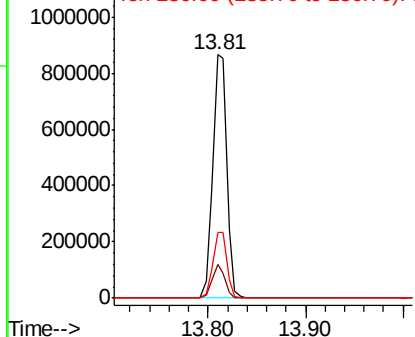


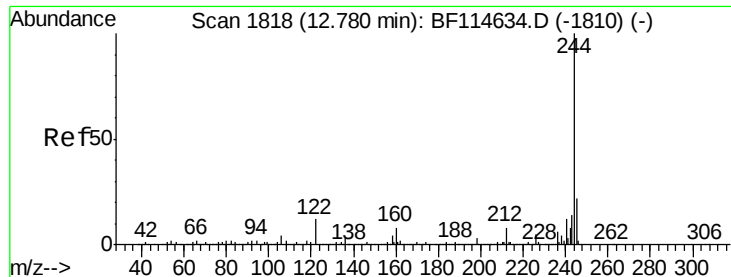
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114738.D
 Acq: 1 Jun 2019 5:26

Tgt Ion: 240 Resp: 862848
 Ion Ratio Lower Upper
 240 100
 120 13.7 11.2 16.8
 236 27.1 21.2 31.8



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: 74.589 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114738.D

Acq: 1 Jun 2019 5:26

Instrument :

BNA_F

ClientSampleId :

TP-3B-S

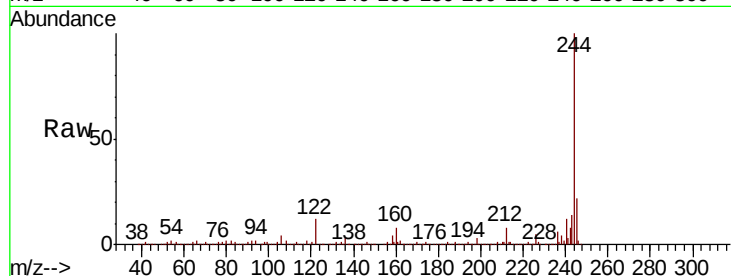
Tgt Ion:244 Resp: 3423072

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

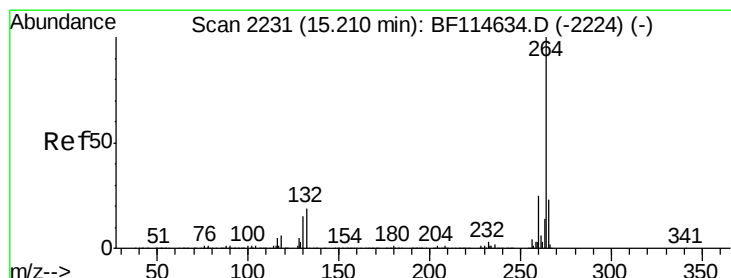
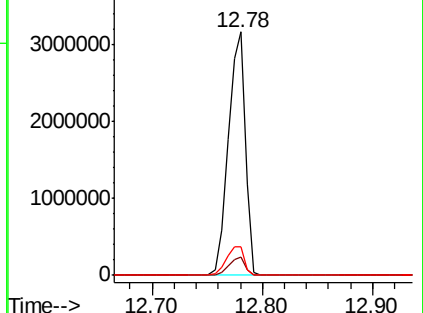
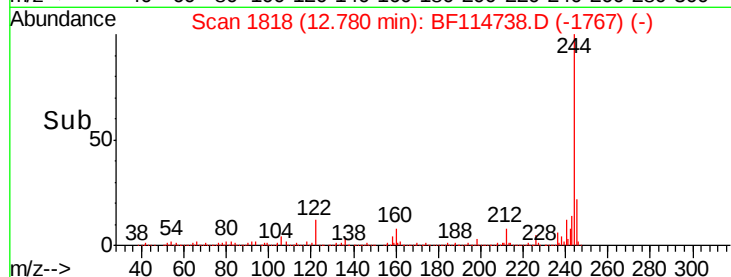
122 12.0 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114738.D

Acq: 1 Jun 2019 5:26

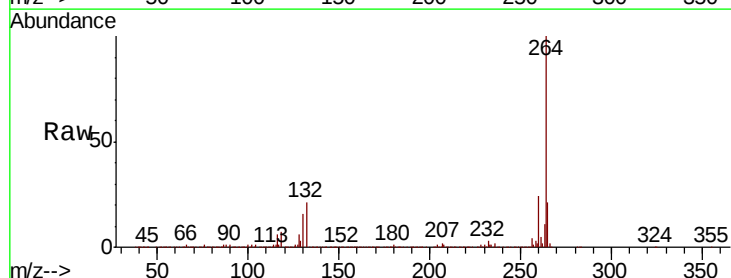
Tgt Ion:264 Resp: 787213

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.3 18.1 27.1



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

