

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114723.D
 Acq On : 31 May 2019 22:48
 Operator : HP/JU
 Sample : K3037-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-2

Quant Time: Jun 01 00:28:01 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

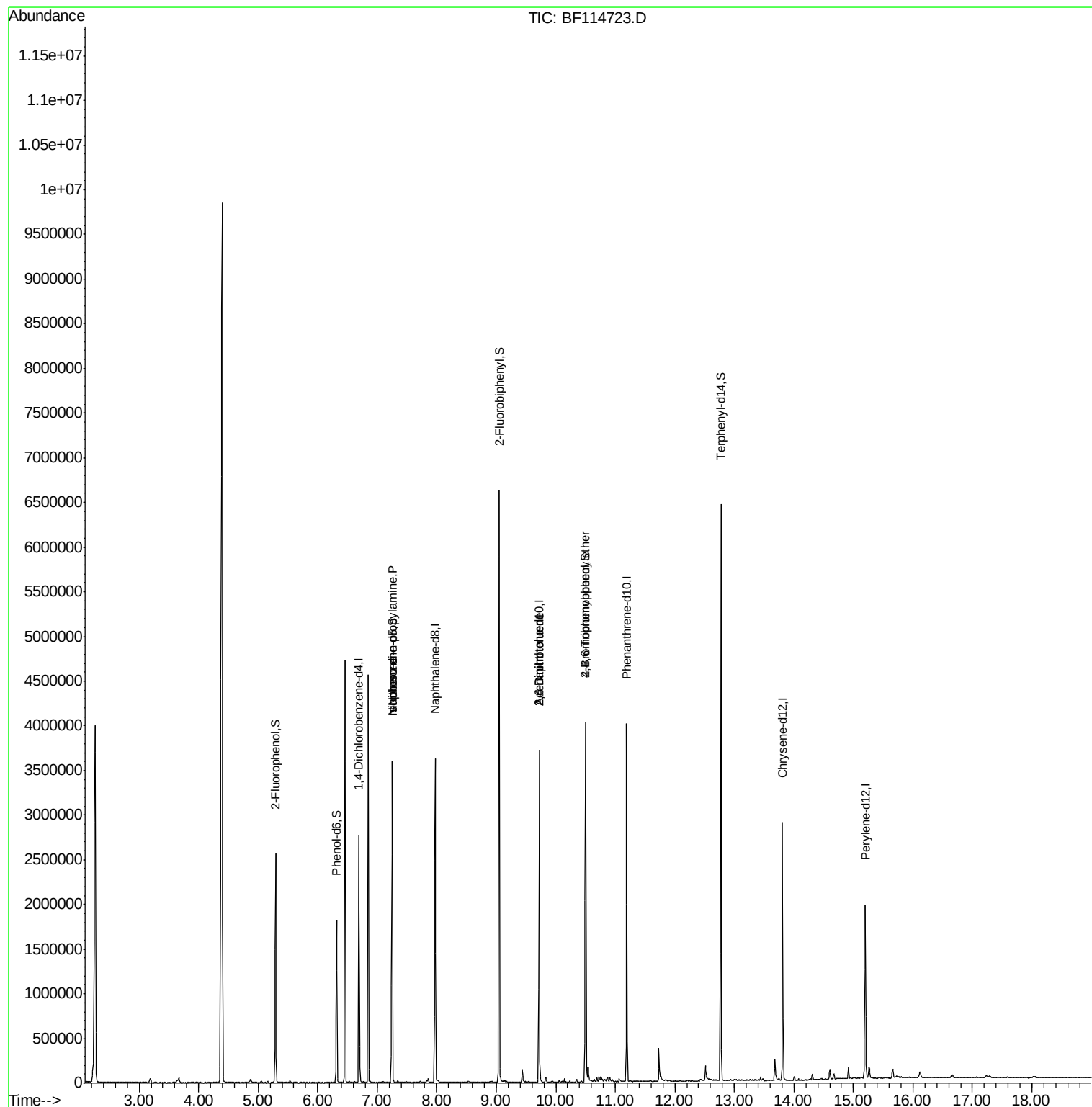
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	407852	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1571027	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	769973	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1418303	20.00	ng	0.00
76) Chrysene-d12	13.81	240	929505	20.00	ng	0.00
87) Perylene-d12	15.20	264	821070	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	705913	30.39	ng	0.00
7) Phenol-d6	6.32	99	552836	19.75	ng	-0.01
23) Nitrobenzene-d5	7.25	82	1089523	43.27	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	505158	68.85	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2113775	43.82	ng	0.00
79) Terphenyl-d14	12.77	244	2161437	43.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.32	77	997	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.25	70	144389	7.473 ng	#	76
25) Isophorone	7.25	82	1045131	20.681 ng	#	63
51) 2,6-Dinitrotoluene	9.72	165	98643	7.912 ng	#	31
57) 2,4-Dinitrotoluene	9.72	165	98627	6.164 ng	#	24
58) Fluorene	10.50	166	22995	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.50	248	31877	2.096 ng	#	1
74) Di-n-butylphthalate	11.76	149	15955	Below Cal		98

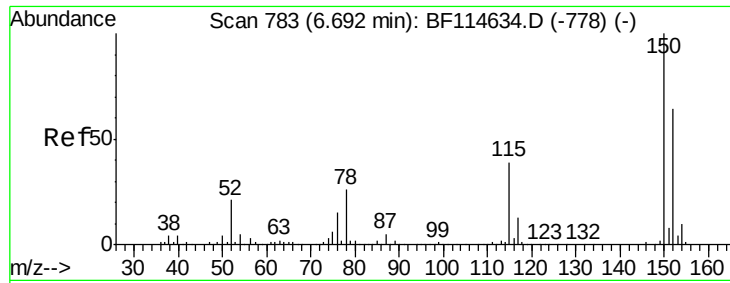
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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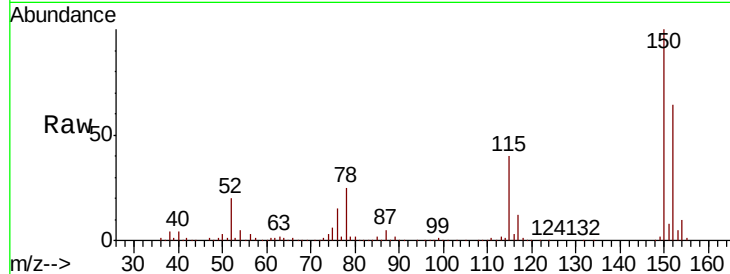


#1

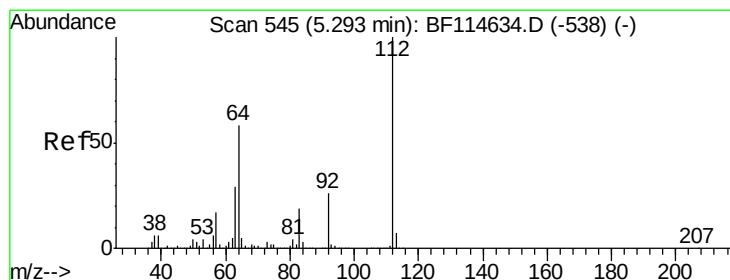
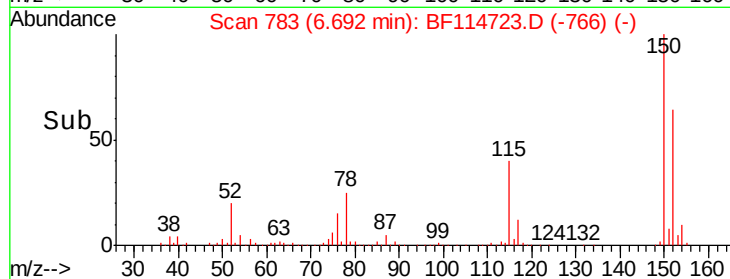
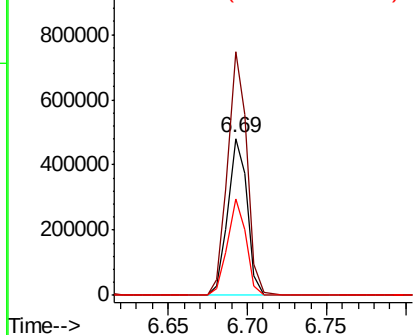
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Instrument :
BNA_F
ClientSampleId :
MW6-R1-2

Tgt Ion:152 Resp: 407852
Ion Ratio Lower Upper
152 100
150 155.0 124.4 186.6
115 61.3 48.7 73.1



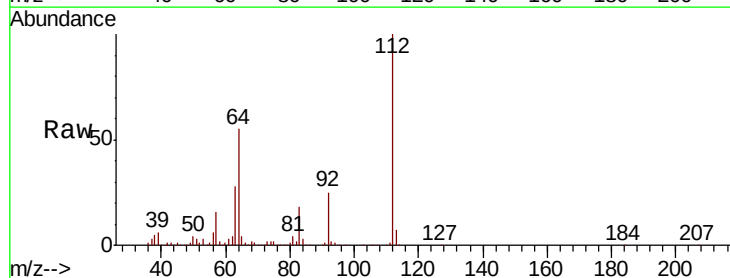
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



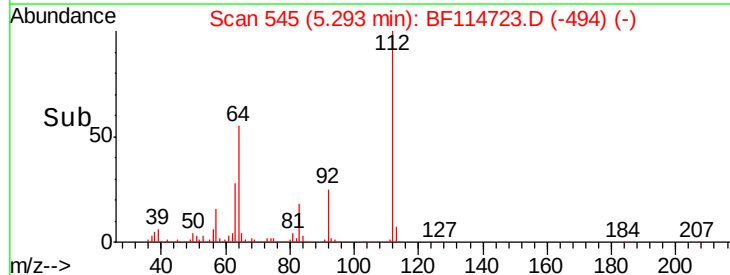
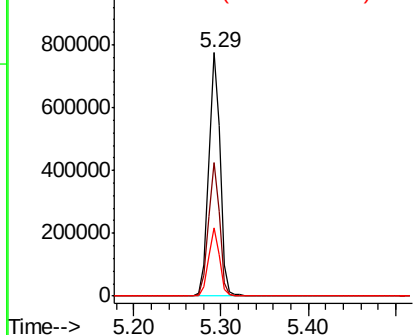
#5

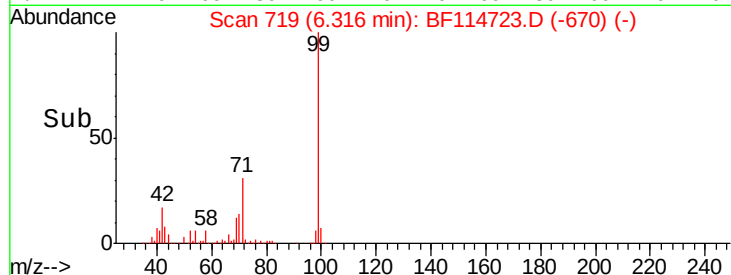
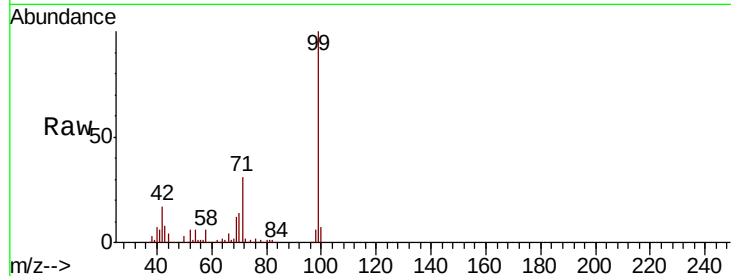
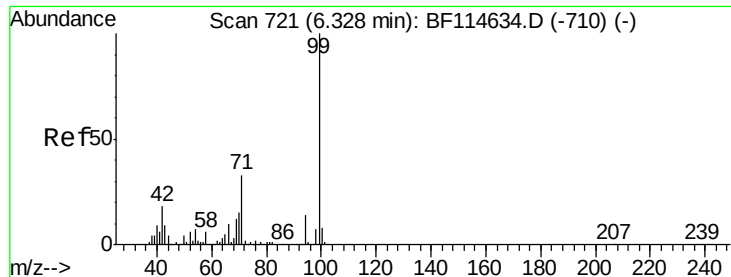
2-Fluorophenol
Concen: 30.388 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Tgt Ion:112 Resp: 705913
Ion Ratio Lower Upper
112 100
64 54.9 46.1 69.1
63 28.1 23.4 35.2



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: 19.749 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

Instrument :

BNA_F

ClientSampleId :

MW6-R1-2

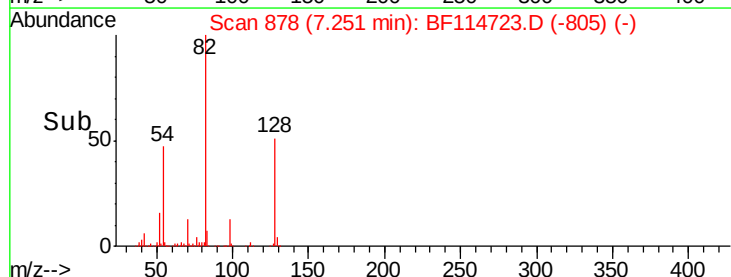
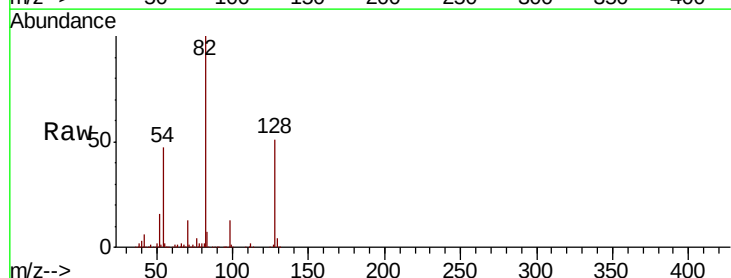
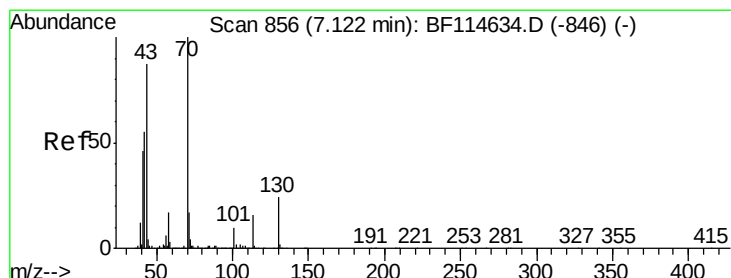
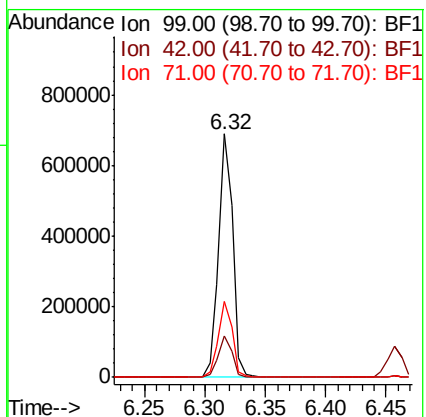
Tgt Ion: 99 Resp: 552836

Ion Ratio Lower Upper

99 100

42 17.0 14.7 22.1

71 31.2 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 7.473 ng

RT: 7.25 min Scan# 878

Delta R.T. 0.13 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

Tgt Ion: 70 Resp: 144389

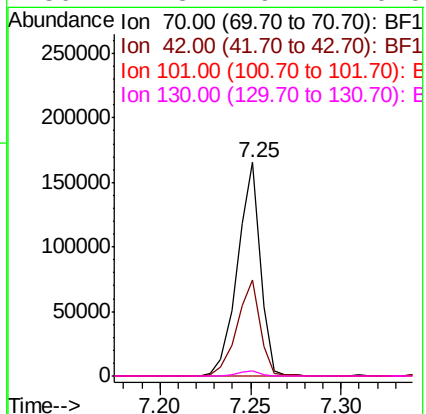
Ion Ratio Lower Upper

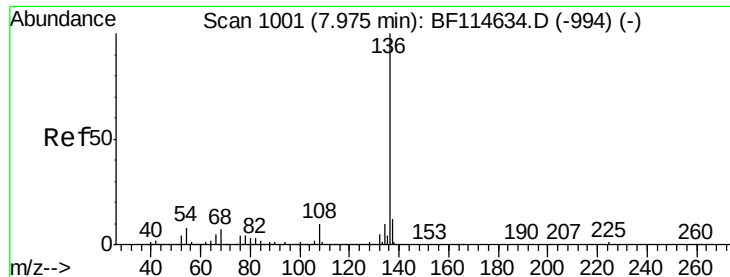
70 100

42 44.7 44.4 66.6

101 0.0 8.2 12.4#

130 2.3 19.4 29.0#

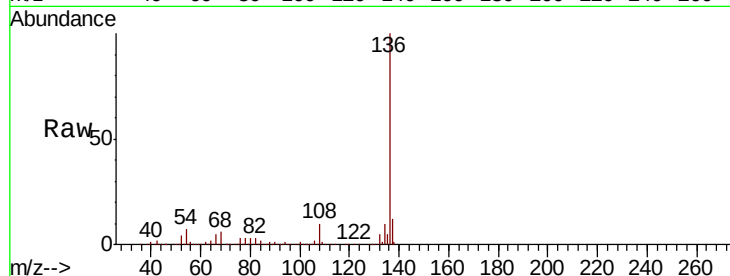




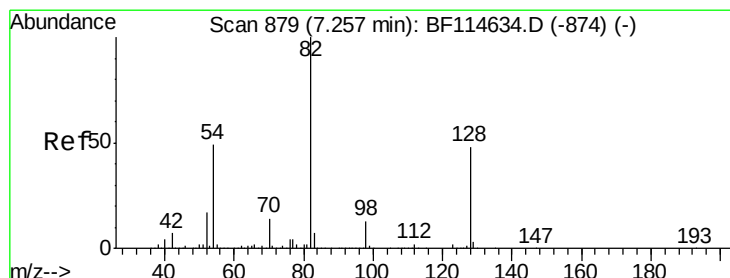
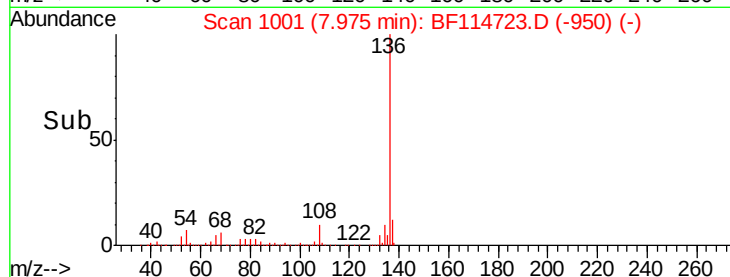
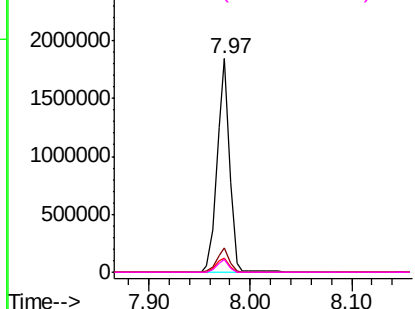
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Instrument :
BNA_F
ClientSampleId :
MW6-R1-2

Tgt Ion:	136	Resp:	1571027
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	6.6	6.3	9.5
68	5.9	5.4	8.0

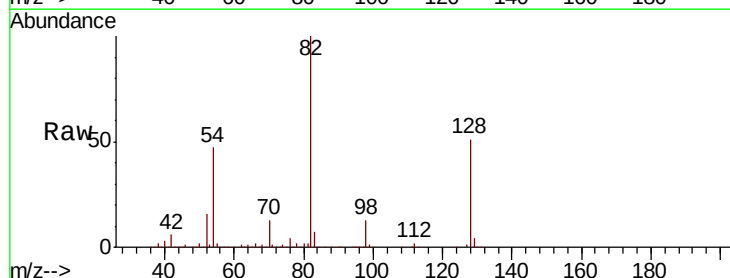


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

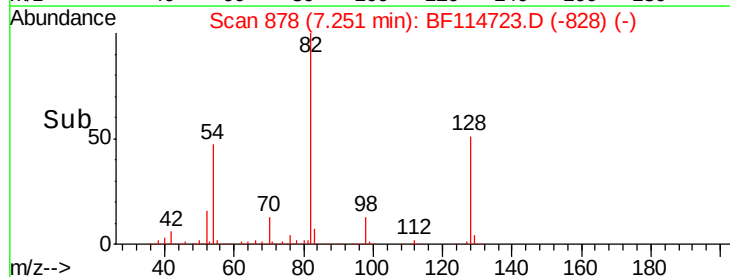
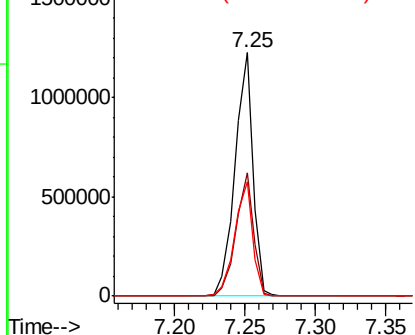


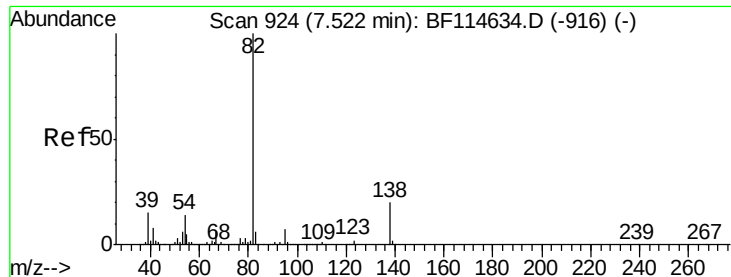
#23
Nitrobenzene-d5
Concen: 43.267 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Tgt Ion:	82	Resp:	1089523
Ion	Ratio	Lower	Upper
82	100		
128	50.8	38.5	57.7
54	47.2	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: 20.681 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.27 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

Instrument :

BNA_F

ClientSampleId :

MW6-R1-2

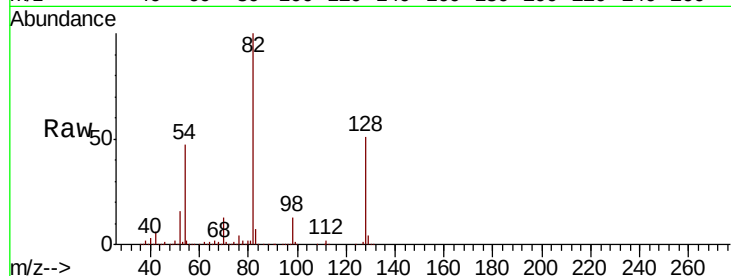
Tgt Ion: 82 Resp: 1045131

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

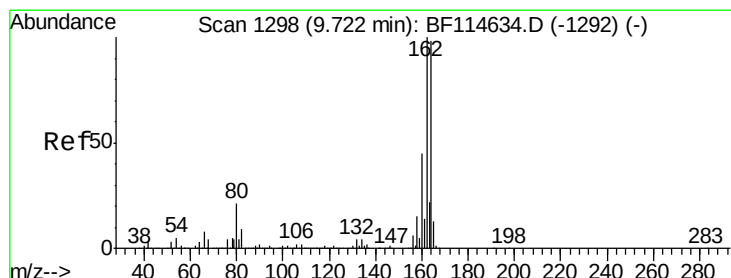
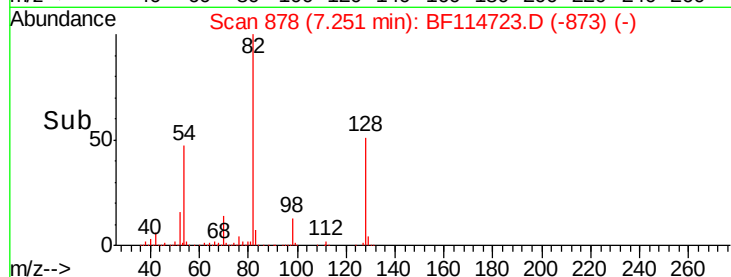
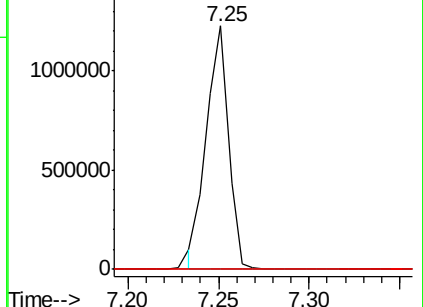
138 0.0 15.9 23.9#



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: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

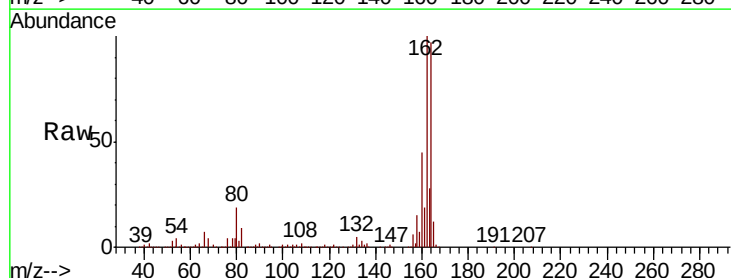
Tgt Ion: 164 Resp: 769973

Ion Ratio Lower Upper

164 100

162 103.5 81.4 122.2

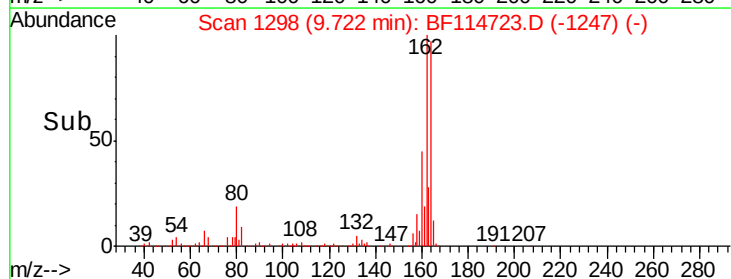
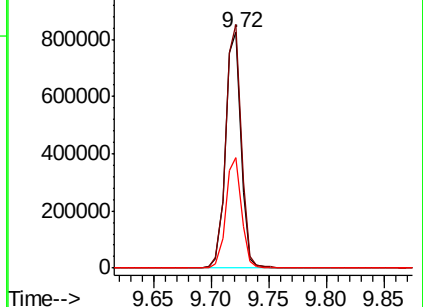
160 47.0 36.6 54.8

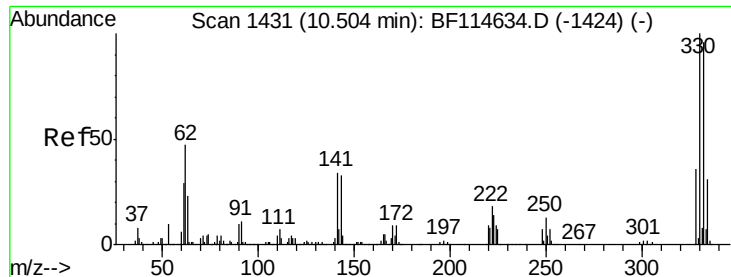


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

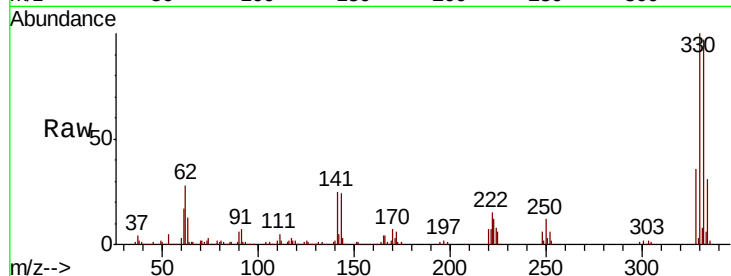




#42
 2,4,6-Tribromophenol
 Concen: 68.854 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114723.D
 Acq: 31 May 2019 22:48

Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.8	113.8
141	33.7	27.8	41.8

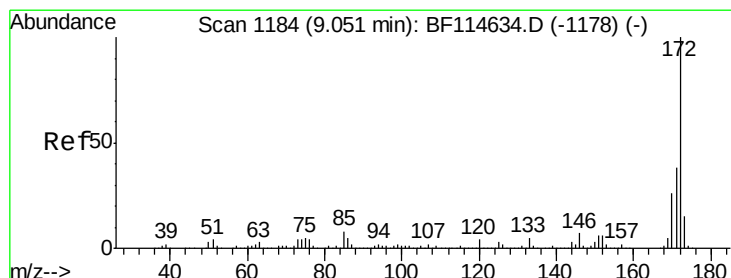
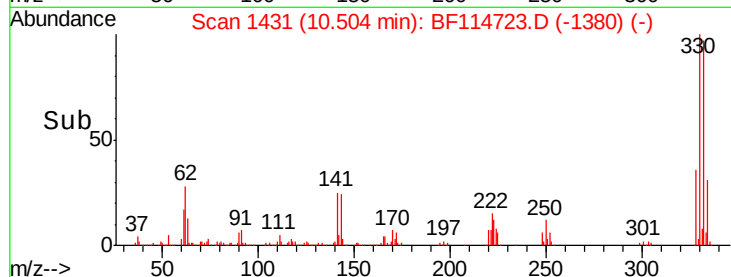
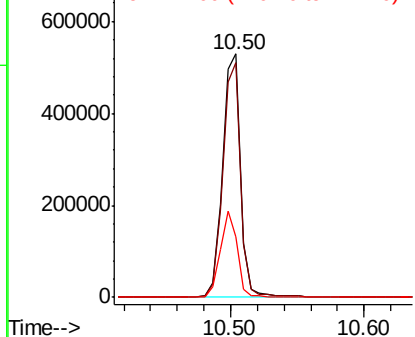


Abundance

Ion 329.80 (329.50 to 330.50): E

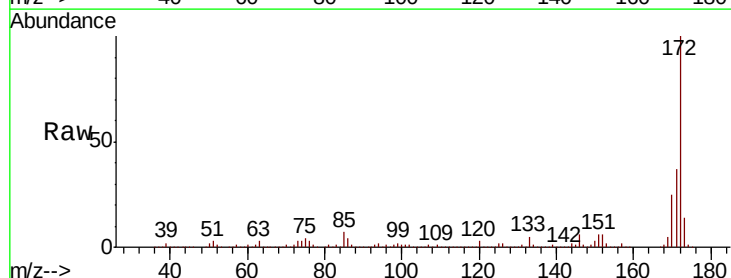
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 43.816 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114723.D
 Acq: 31 May 2019 22:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	45.8
170	25.4	20.7	31.1

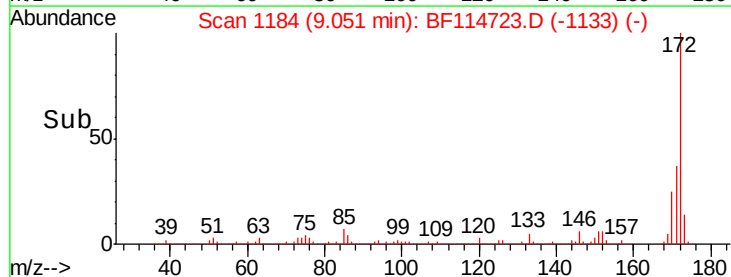
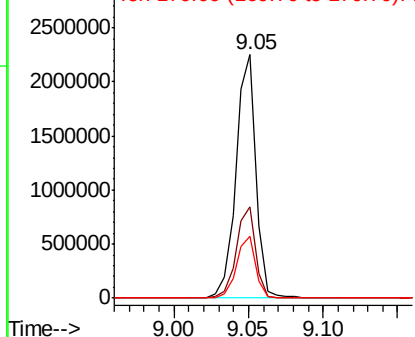


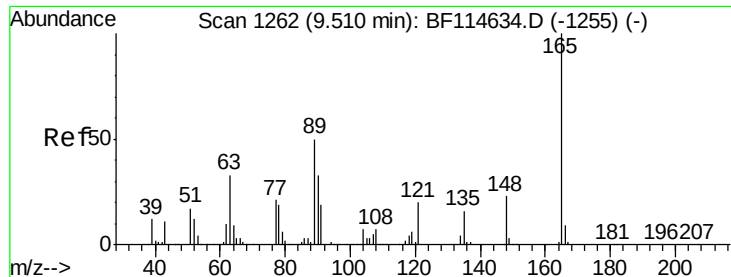
Abundance

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





#51

2,6-Dinitrotoluene

Concen: 7.912 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

Instrument :

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ClientSampleId :

MW6-R1-2

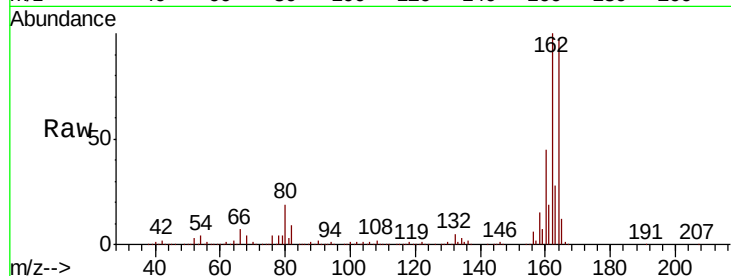
Tgt Ion:165 Resp: 98643

Ion Ratio Lower Upper

165 100

63 1.2 36.6 54.8#

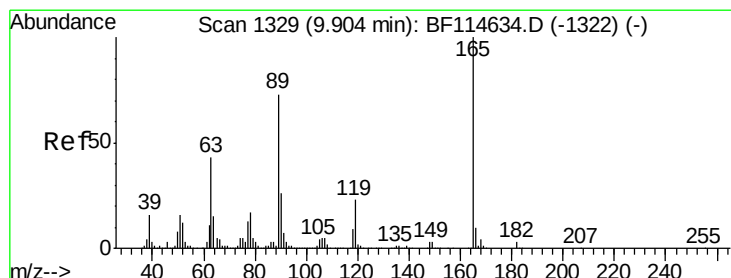
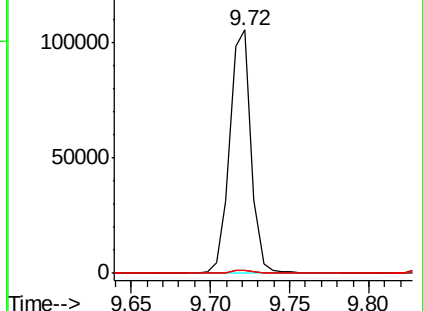
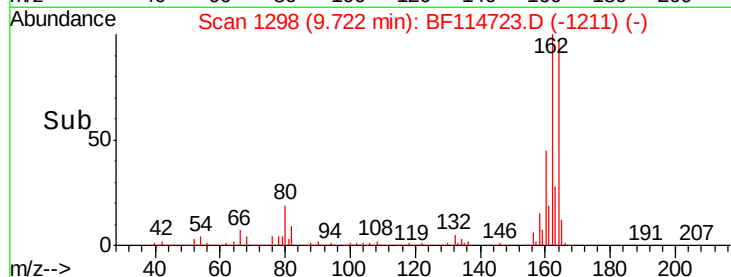
89 1.4 40.2 60.4#



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: 6.164 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114723.D

Acq: 31 May 2019 22:48

Tgt Ion:165 Resp: 98627

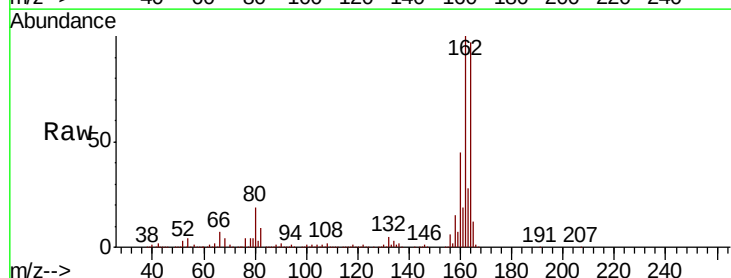
Ion Ratio Lower Upper

165 100

63 1.2 34.8 52.2#

89 1.4 58.5 87.7#

182 0.0 2.2 3.2#

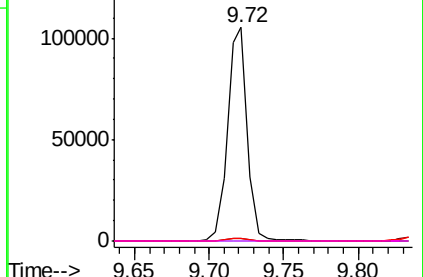
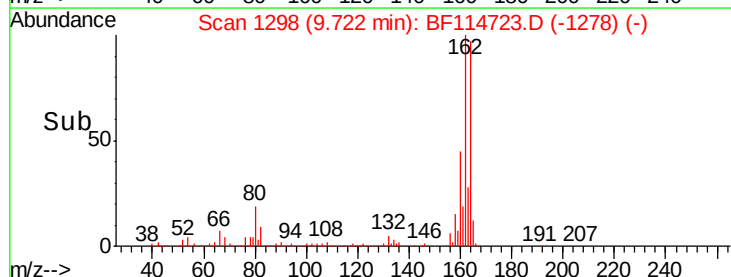


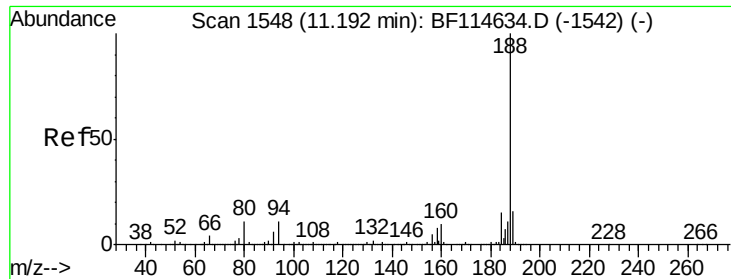
Abundance Ion 165.00 (164.70 to 165.70): E

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

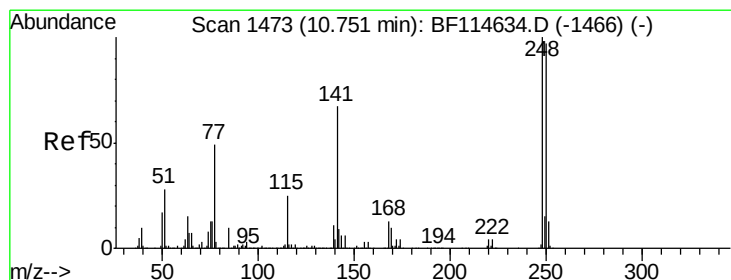
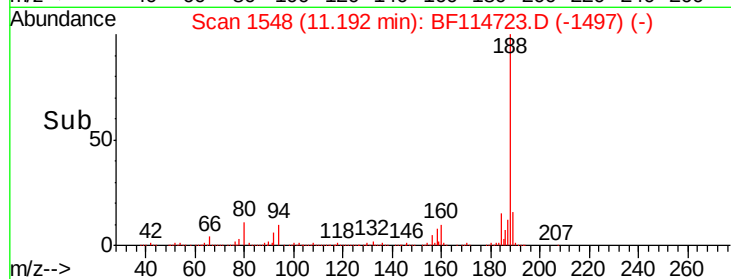
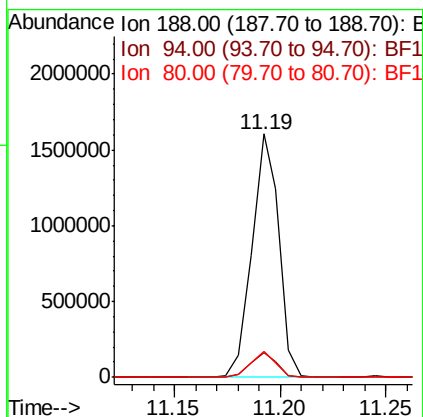
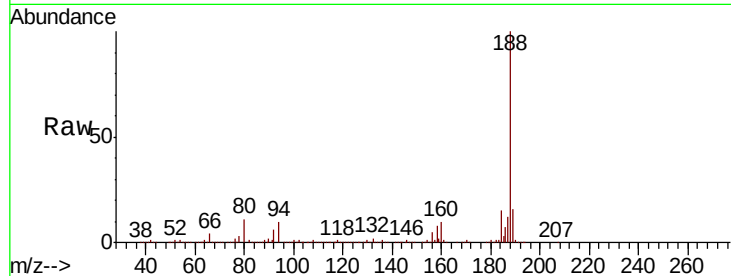




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.00 min
 Lab File: BF114723.D
 Acq: 31 May 2019 22:48

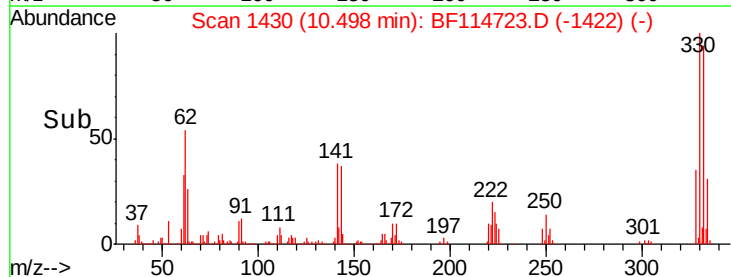
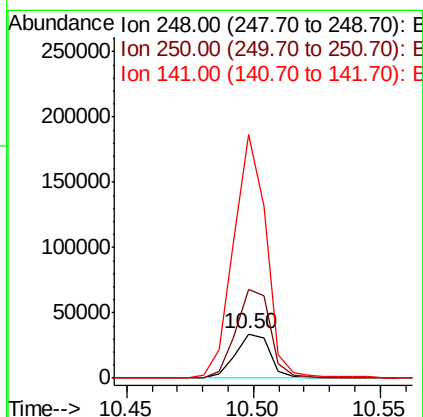
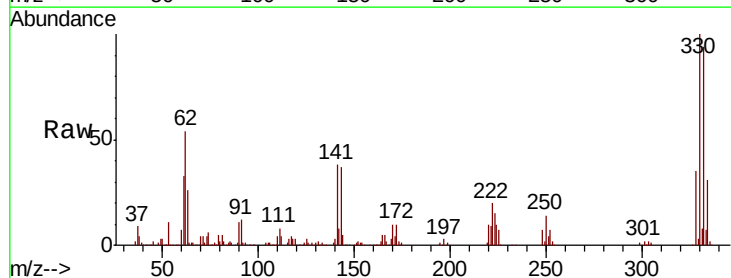
Instrument :
 BNA_F
 ClientSampleId :
 MW6-R1-2

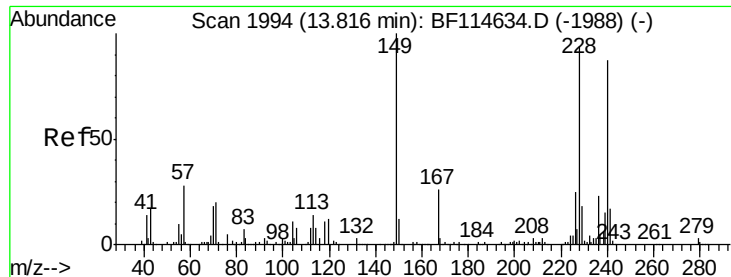
Tgt Ion:188 Resp: 1418303
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.6 13.0
 80 10.8 9.0 13.6



#67
 4-Bromophenyl-phenylether
 Concen: 2.096 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF114723.D
 Acq: 31 May 2019 22:48

Tgt Ion:248 Resp: 31877
 Ion Ratio Lower Upper
 248 100
 250 199.8 78.0 117.0#
 141 550.3 53.8 80.8#

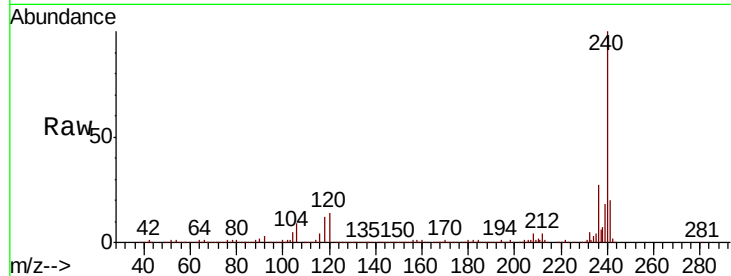




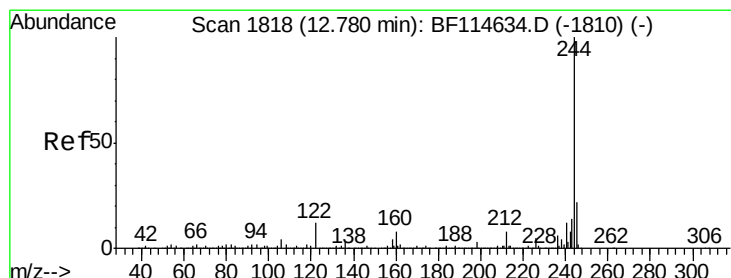
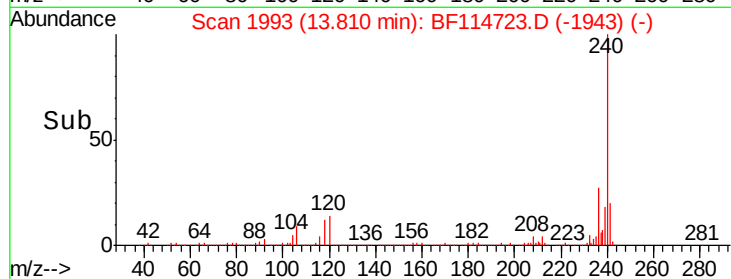
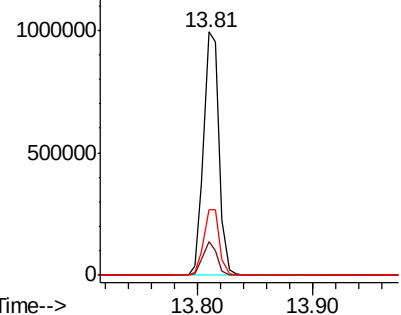
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Instrument :
BNA_F
ClientSampled :
MW6-R1-2

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

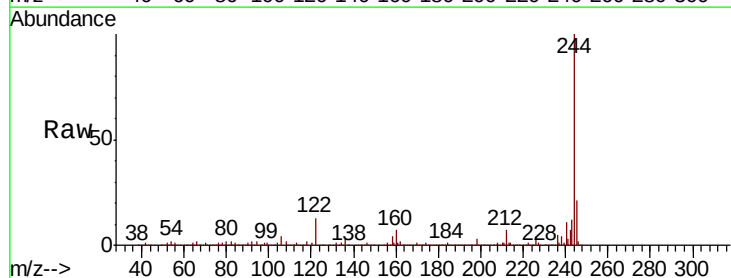


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

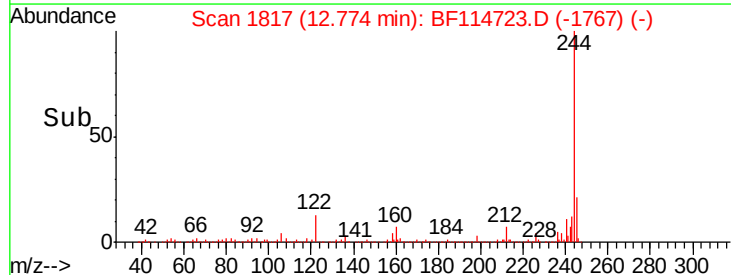
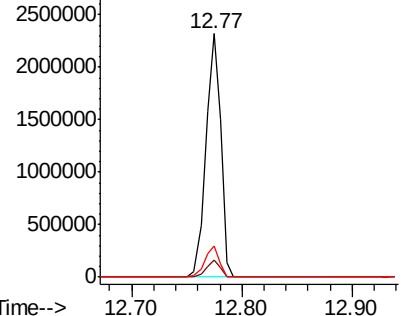


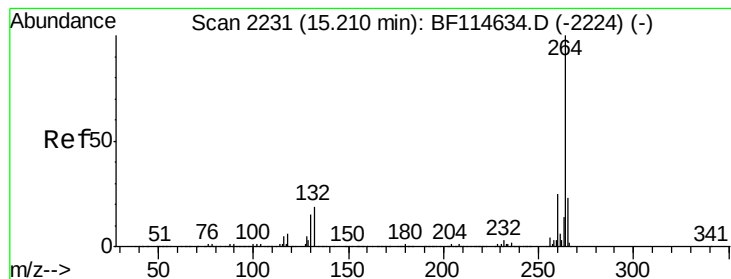
#79
Terphenyl-d14
Concen: 43.720 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF114723.D
Acq: 31 May 2019 22:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	12.7	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: BF114723.D

Acq: 31 May 2019 22:48

Instrument :

BNA_F

ClientSampleId :

MW6-R1-2

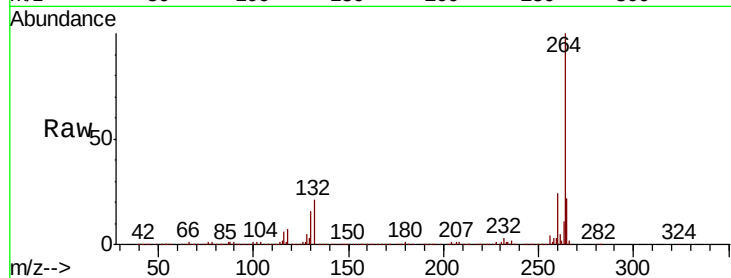
Tgt Ion: 264 Resp: 821070

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.6 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

