

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114724.D
 Acq On : 31 May 2019 23:14
 Operator : HP/JU
 Sample : K3037-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R1-3

Quant Time: Jun 01 00:28:11 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	434466	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1636448	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	813872	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1453953	20.00	ng	0.00
76) Chrysene-d12	13.81	240	938607	20.00	ng	0.00
87) Perylene-d12	15.20	264	844557	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1280213	51.73	ng	0.00
7) Phenol-d6	6.32	99	1016455	34.09	ng	0.00
23) Nitrobenzene-d5	7.26	82	2194737	83.67	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	840967	108.44	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3707313	85.70	ng	0.00
79) Terphenyl-d14	12.78	244	3554310	71.20	ng	0.00

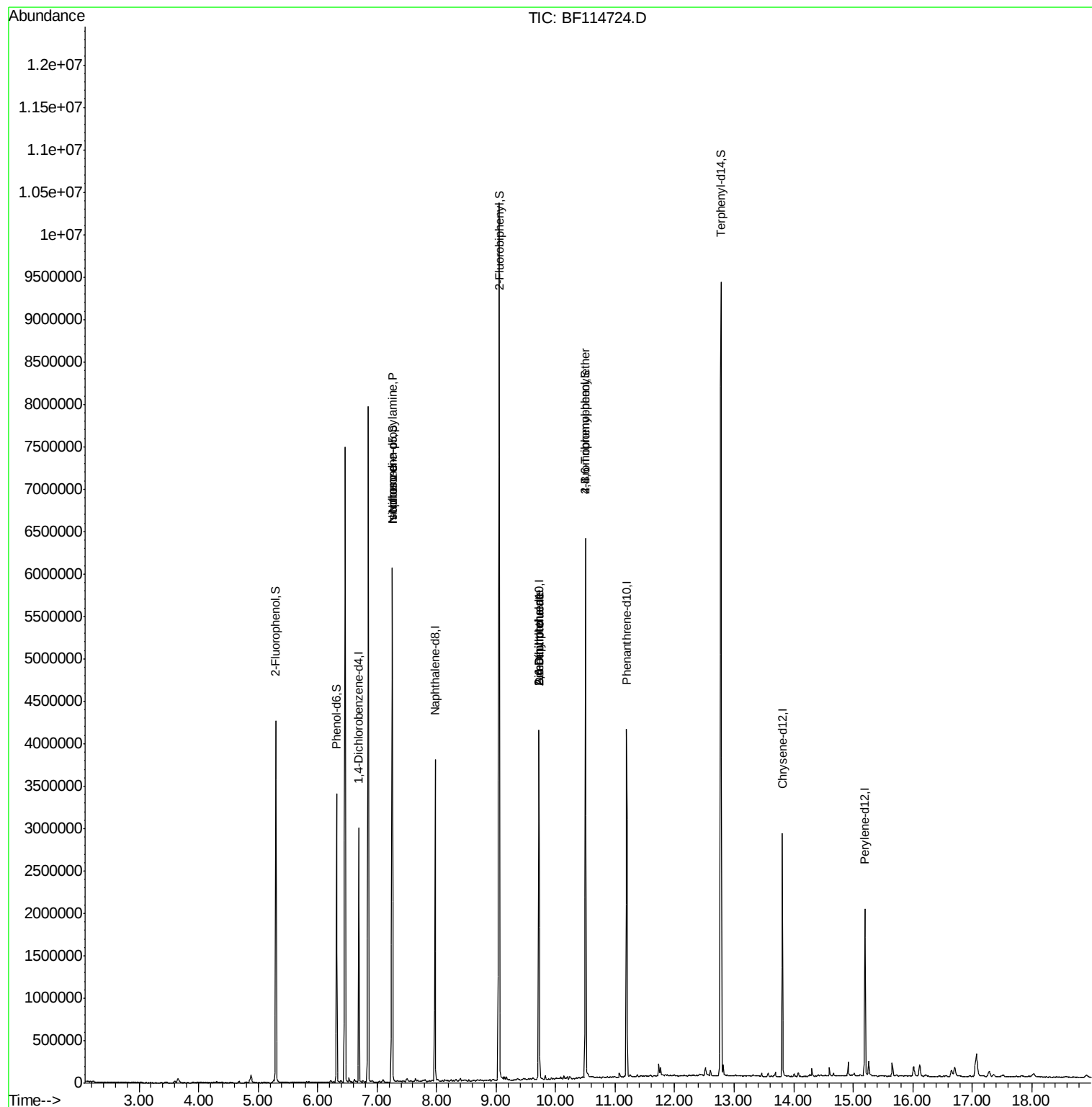
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1545	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	301985	14.672	ng	# 75
25) Isophorone	7.26	82	2117209	40.221	ng	# 63
50) Dimethylphthalate	9.72	163	230956	4.072	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	106383	8.073	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	106387	6.291	ng	# 23
58) Fluorene	10.50	166	37288	Below Cal	#	91
67) 4-Bromophenyl-phenylether	10.50	248	53283	3.417	ng	# 1
69) Atrazine	10.90	200	369	Below Cal	#	23
74) Di-n-butylphthalate	11.76	149	46007	Below Cal	#	97

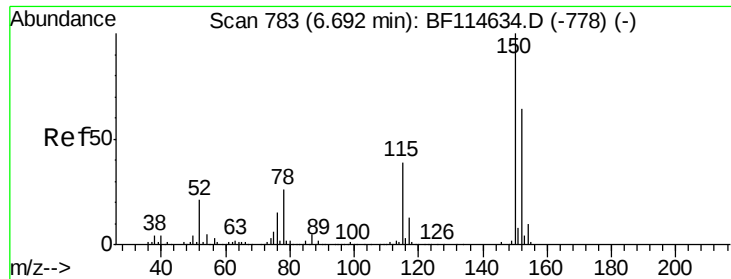
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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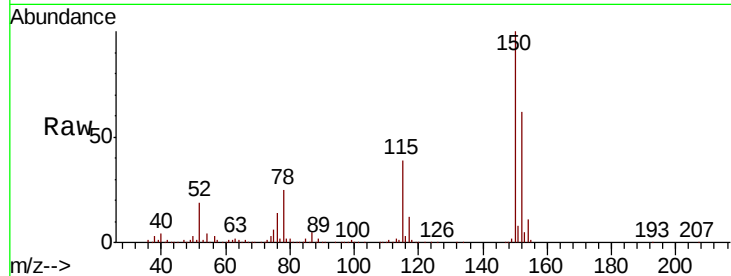


#1

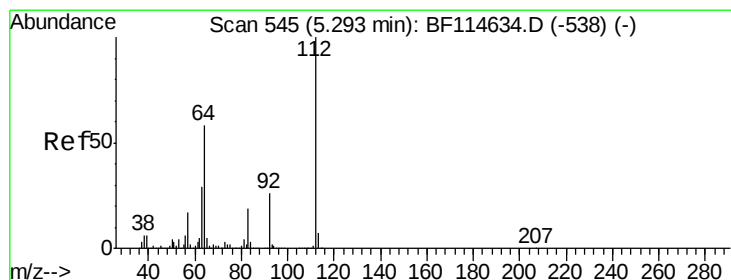
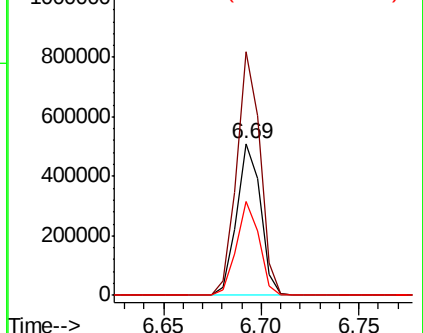
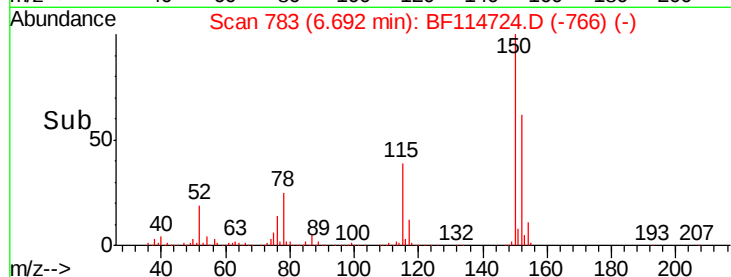
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion:152 Resp: 434466
Ion Ratio Lower Upper
152 100
150 160.4 124.4 186.6
115 61.9 48.7 73.1



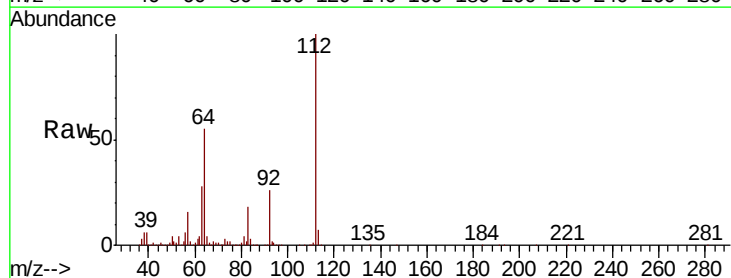
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



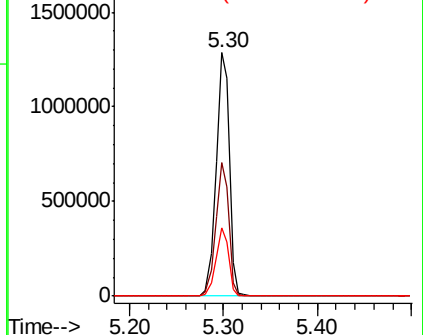
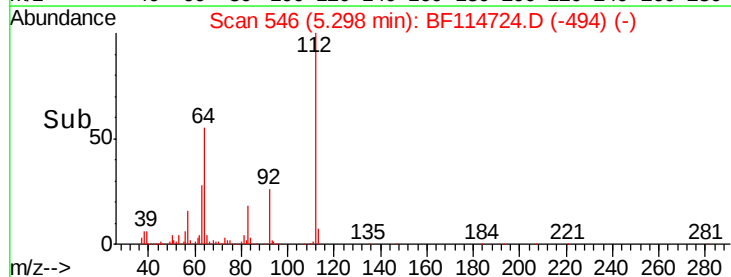
#5

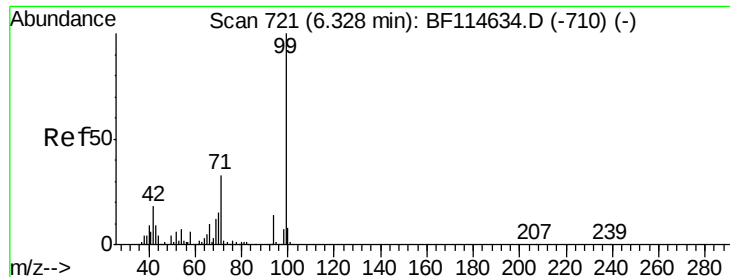
2-Fluorophenol
Concen: 51.734 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Tgt Ion:112 Resp: 1280213
Ion Ratio Lower Upper
112 100
64 54.8 46.1 69.1
63 28.2 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: 34.087 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Instrument :

BNA_F

ClientSampleId :

MW2-R1-3

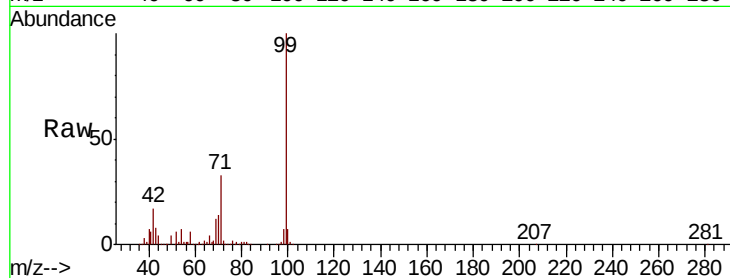
Tgt Ion: 99 Resp: 1016455

Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

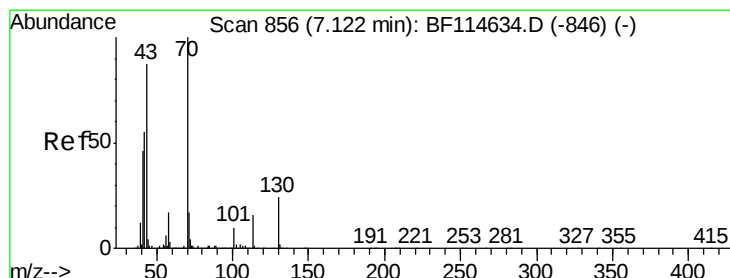
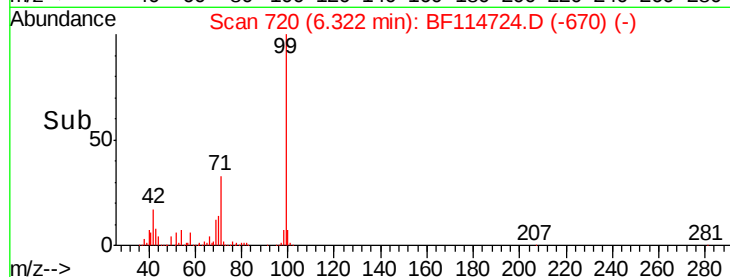
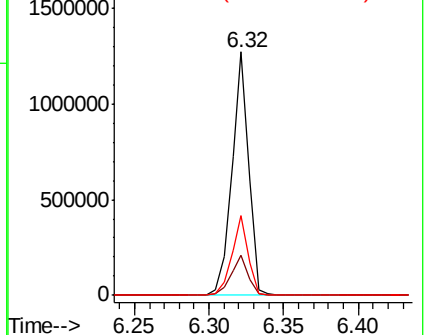
71 32.7 26.6 40.0



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: 14.672 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Tgt Ion: 70 Resp: 301985

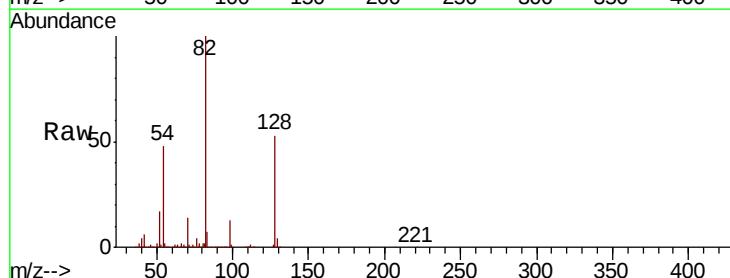
Ion Ratio Lower Upper

70 100

42 44.0 44.4 66.6#

101 0.0 8.2 12.4#

130 2.4 19.4 29.0#

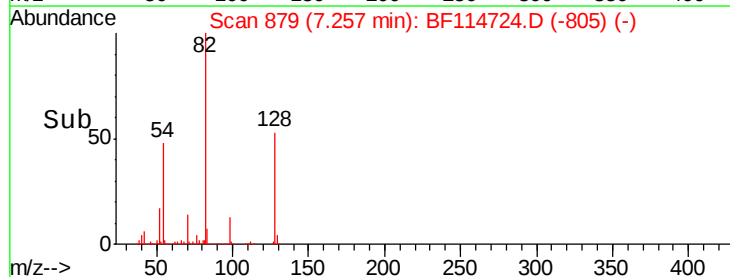
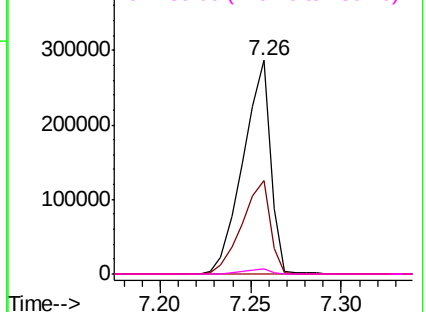


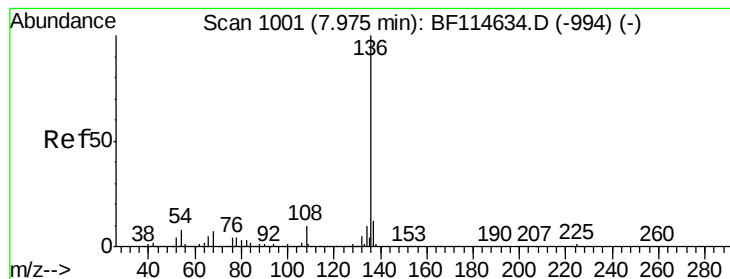
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Instrument :

BNA_F

ClientSampleId :

MW2-R1-3

Tgt Ion:136 Resp: 1636448

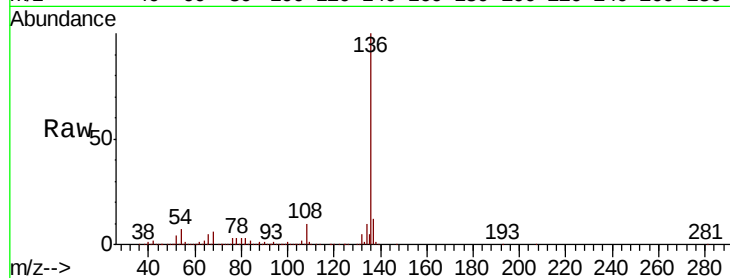
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 6.6 6.3 9.5

68 5.9 5.4 8.0

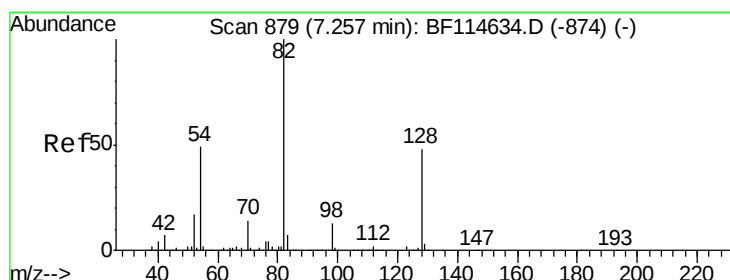
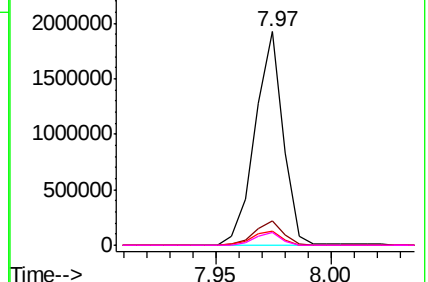
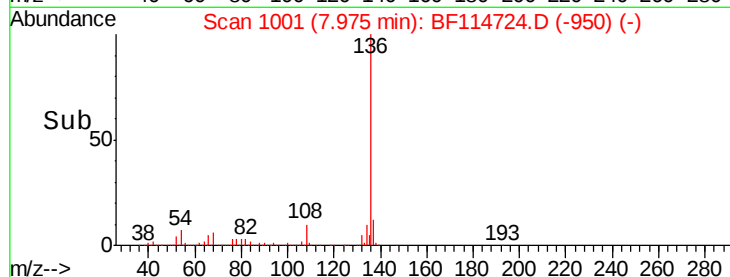


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.674 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

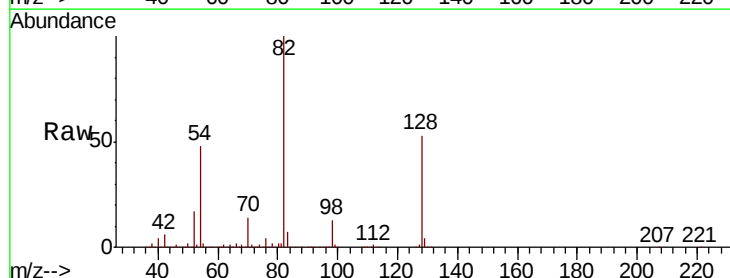
Tgt Ion: 82 Resp: 2194737

Ion Ratio Lower Upper

82 100

128 52.8 38.5 57.7

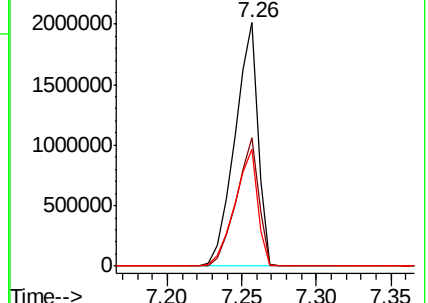
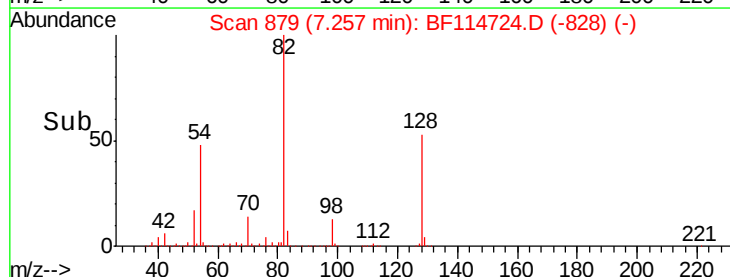
54 48.3 39.1 58.7

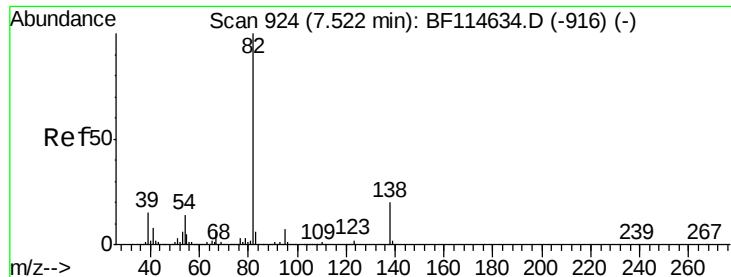


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.221 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Instrument :

BNA_F

ClientSampled :

MW2-R1-3

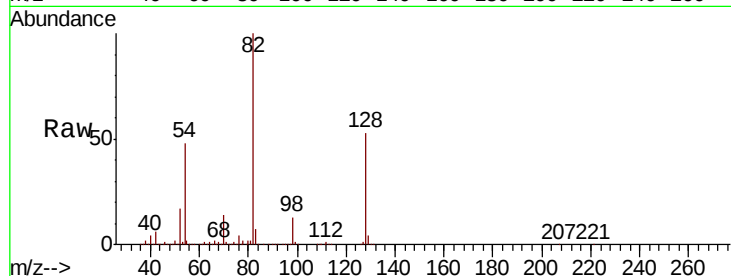
Tgt Ion: 82 Resp: 2117209

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

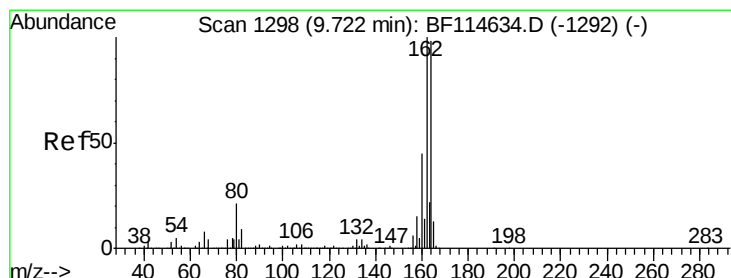
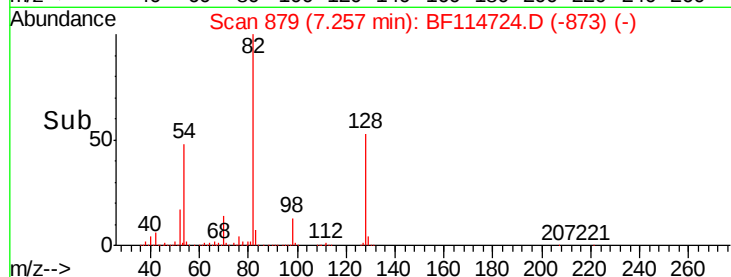
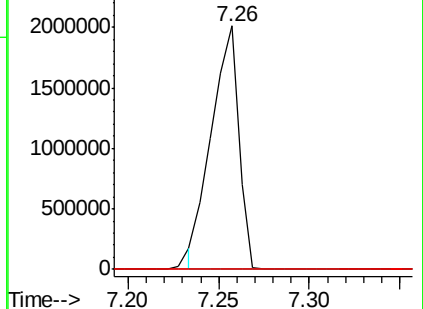
138 0.0 15.9 23.9#



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: BF114724.D

Acq: 31 May 2019 23:14

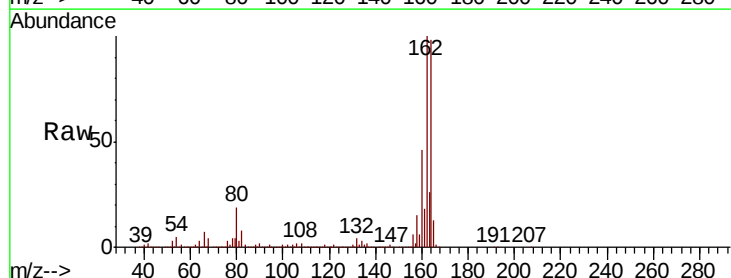
Tgt Ion: 164 Resp: 813872

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.2

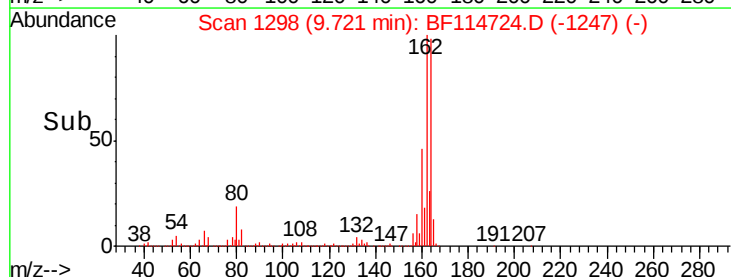
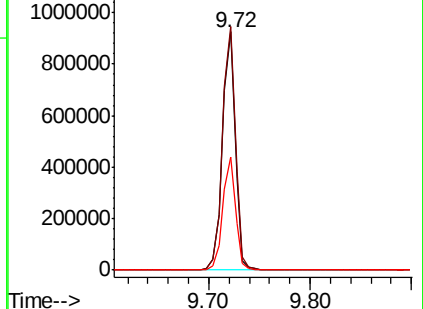
160 47.5 36.6 54.8

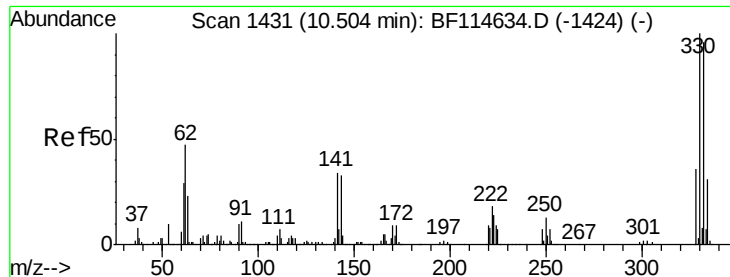


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

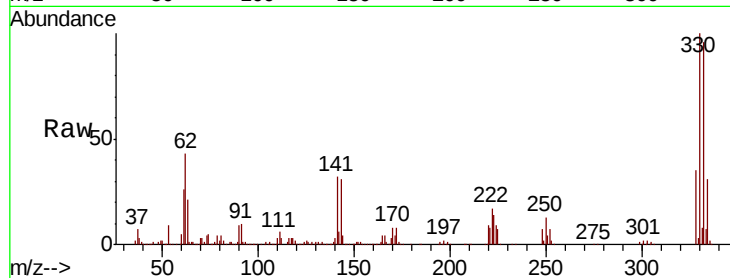




#42
 2,4,6-Tribromophenol
 Concen: 108.443 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R1-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.8
141	32.3	27.8	41.8

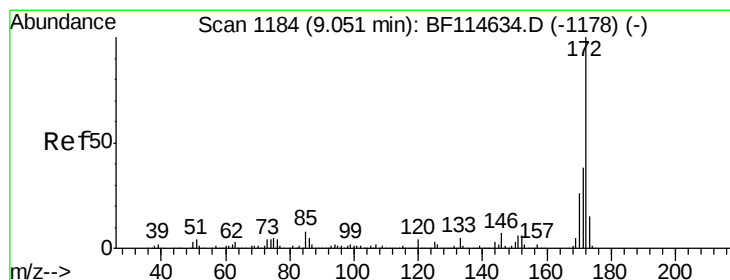
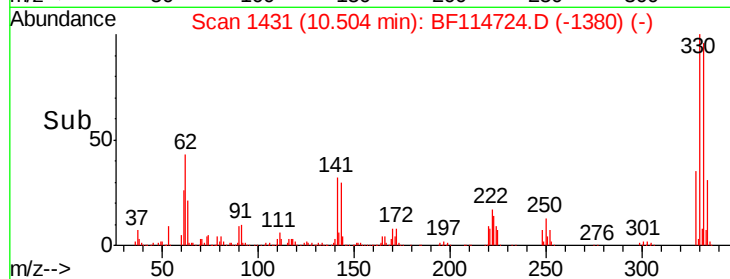
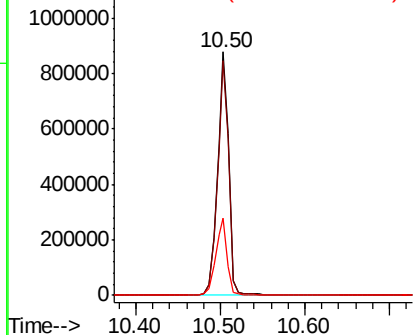


Abundance

Ion 329.80 (329.50 to 330.50): E

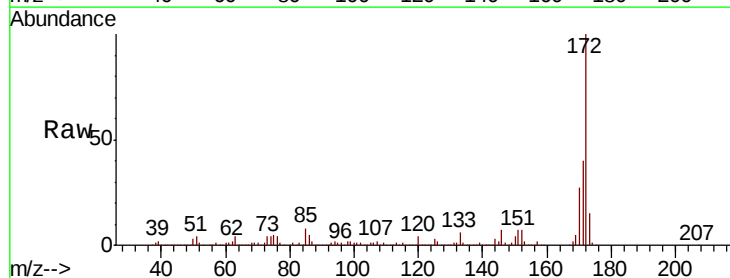
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.700 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.6	45.8
170	26.8	20.7	31.1

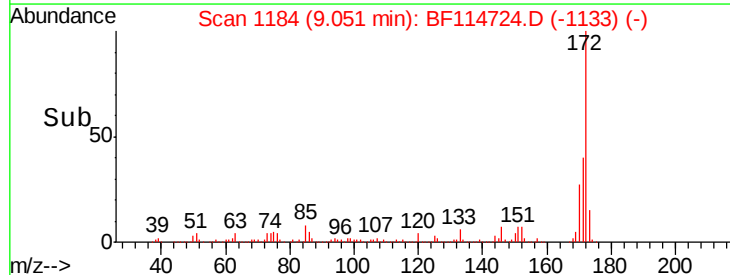
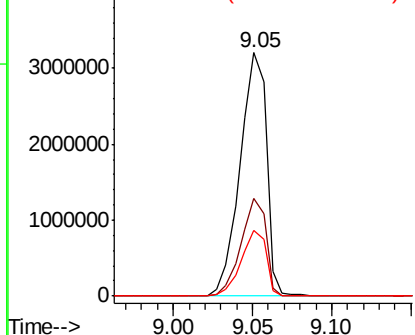


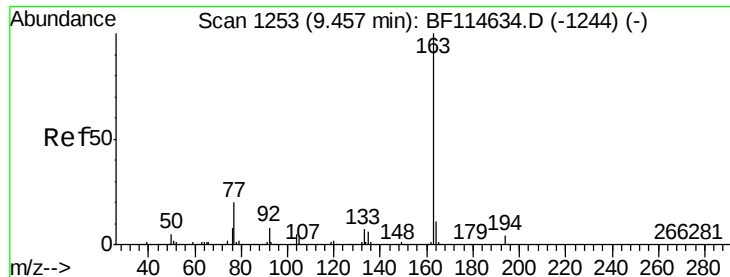
Abundance

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: 4.072 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Instrument :

BNA_F

ClientSampleId :

MW2-R1-3

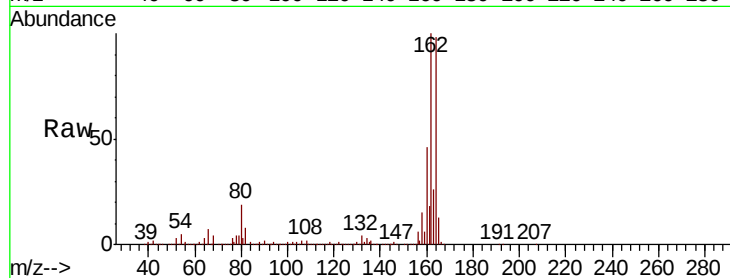
Tgt Ion:163 Resp: 230956

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

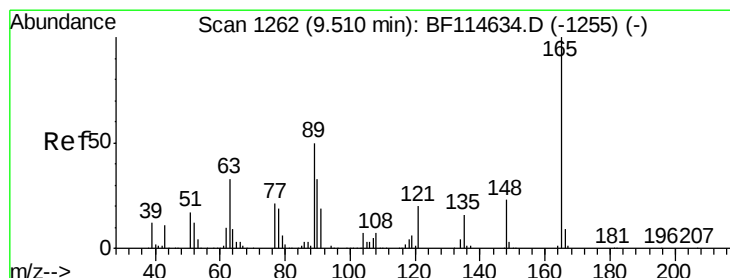
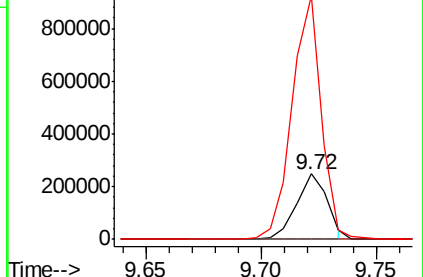
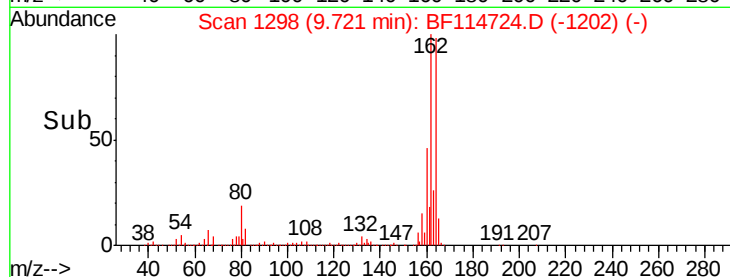
164 371.0 8.6 13.0#



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: 8.073 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

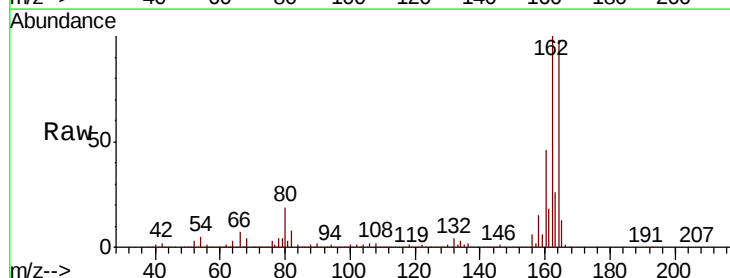
Tgt Ion:165 Resp: 106383

Ion Ratio Lower Upper

165 100

63 1.2 36.6 54.8#

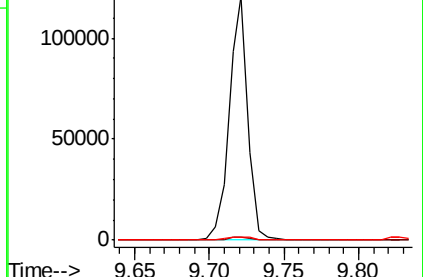
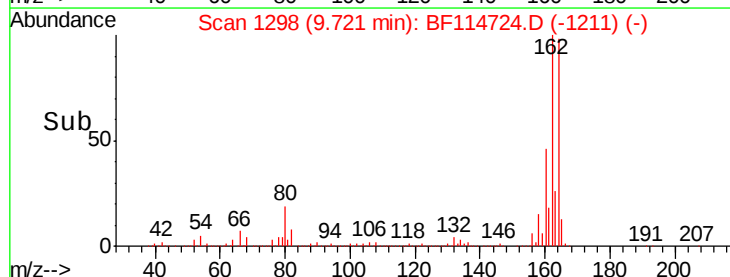
89 1.3 40.2 60.4#

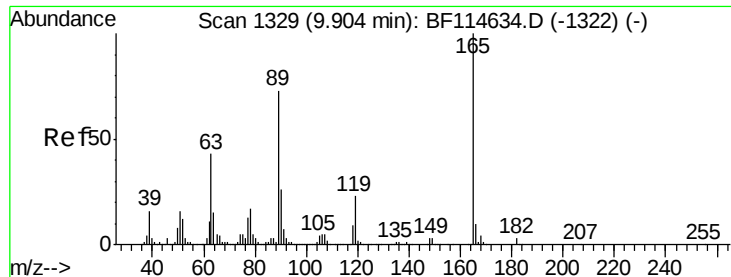


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

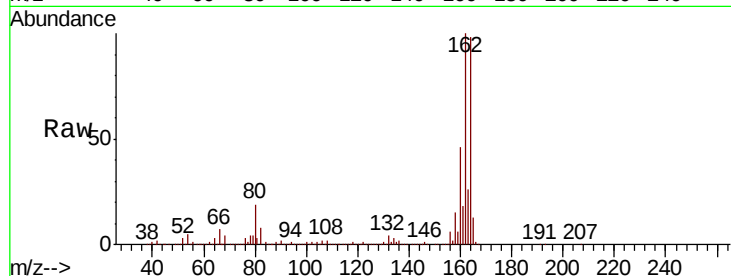




#57
2,4-Dinitrotoluene
Concen: 6.291 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114724.D
Acq: 31 May 2019 23:14

Instrument :
BNA_F
ClientSampleId :
MW2-R1-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.8	52.2#
89	1.3	58.5	87.7#
182	0.0	2.2	3.2#

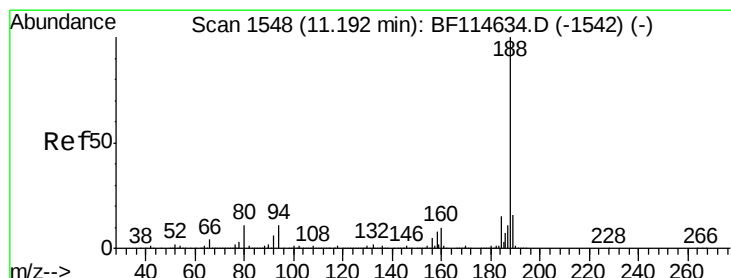
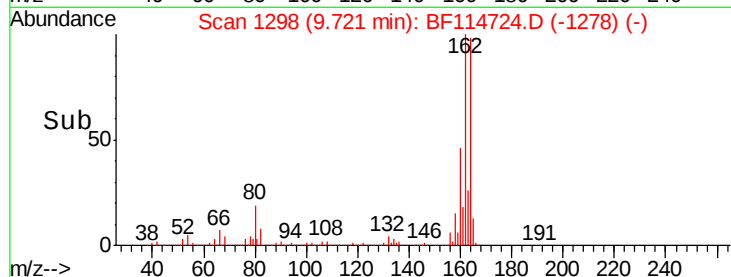
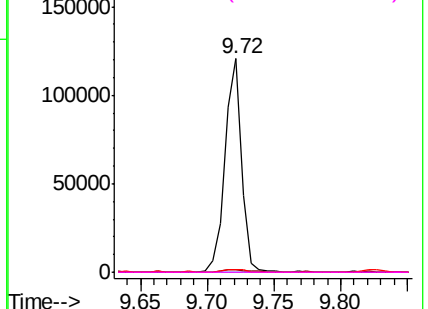


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

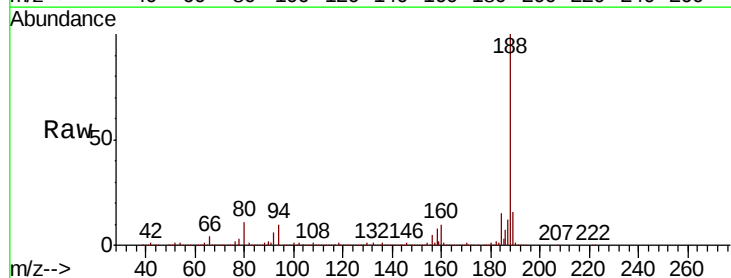
Ion 89.00 (88.70 to 89.70): BF1

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: BF114724.D
Acq: 31 May 2019 23:14

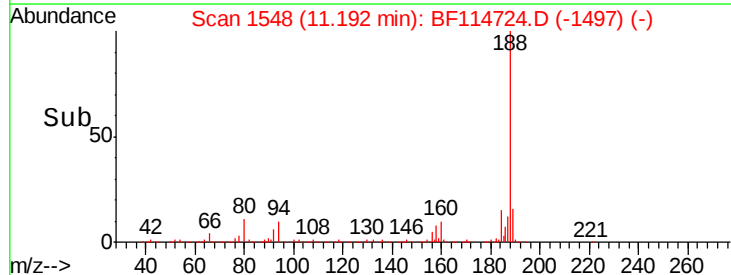
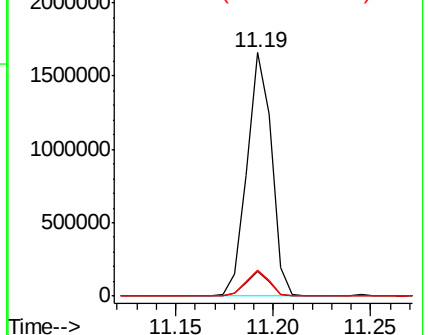
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.6	13.0
80	10.6	9.0	13.6

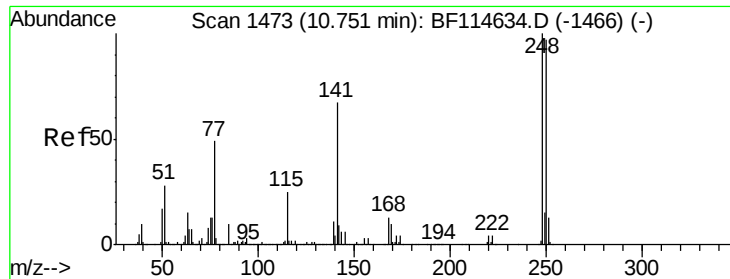


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

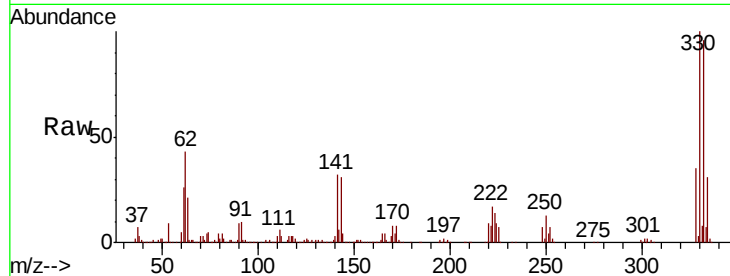




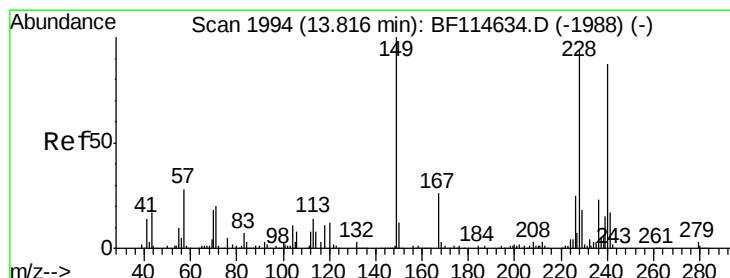
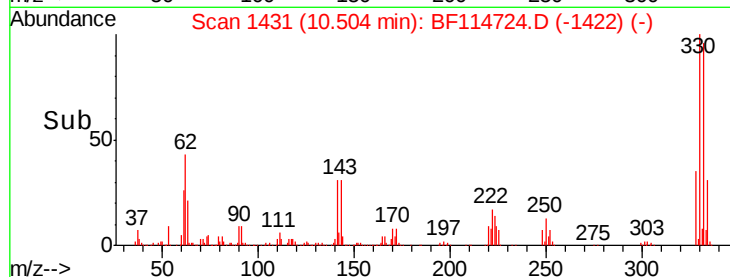
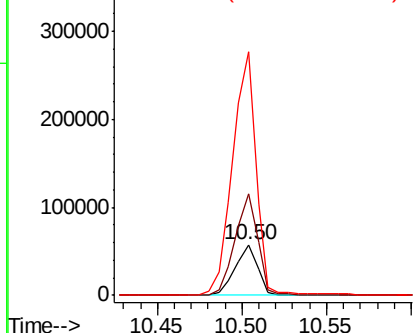
#67
 4-Bromophenyl-phenylether
 Concen: 3.417 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 MW2-R1-3

Tgt Ion:248 Resp: 53283
 Ion Ratio Lower Upper
 248 100
 250 200.0 78.0 117.0#
 141 481.1 53.8 80.8#

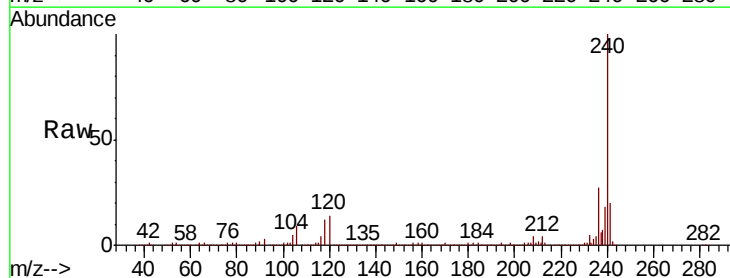


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

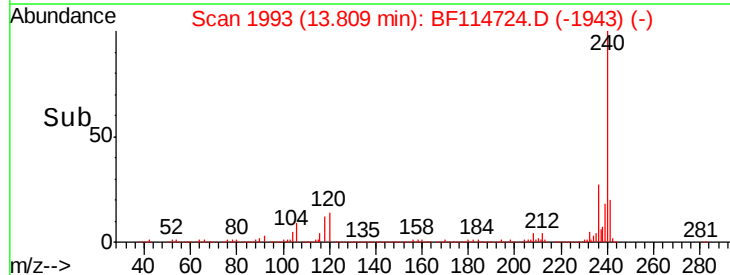
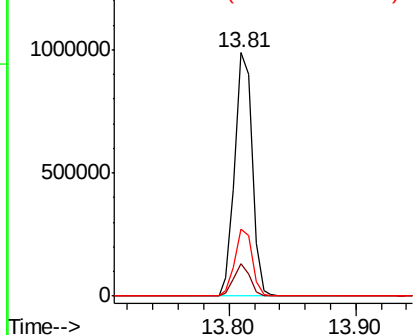


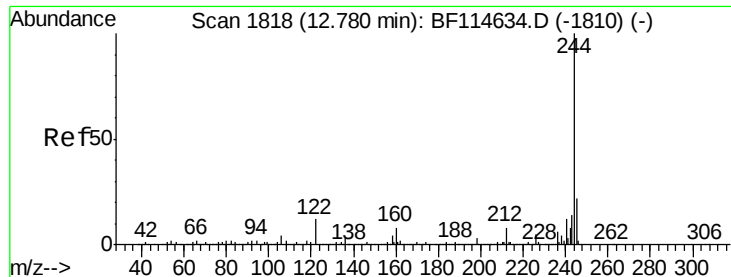
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114724.D
 Acq: 31 May 2019 23:14

Tgt Ion:240 Resp: 938607
 Ion Ratio Lower Upper
 240 100
 120 13.5 11.2 16.8
 236 27.3 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: 71.197 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114724.D

Acq: 31 May 2019 23:14

Instrument :

BNA_F

ClientSampleId :

MW2-R1-3

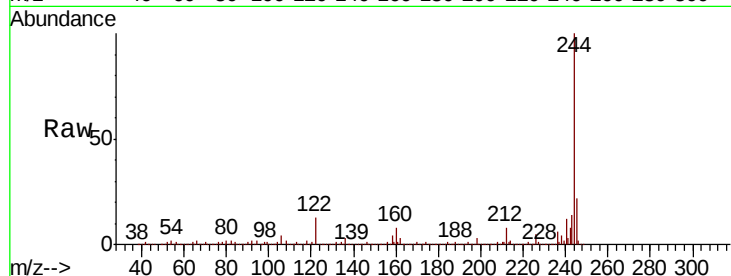
Tgt Ion:244 Resp: 3554310

Ion Ratio Lower Upper

244 100

212 8.0 6.1 9.1

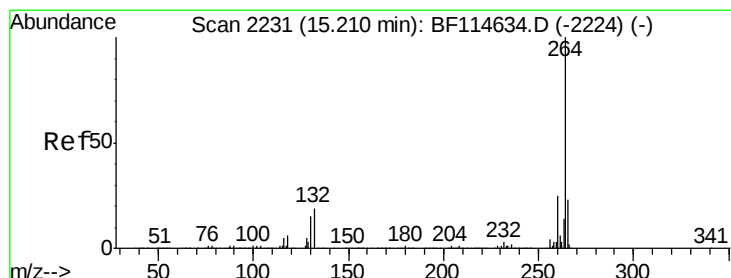
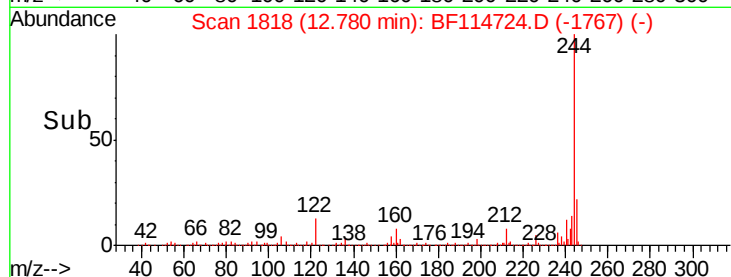
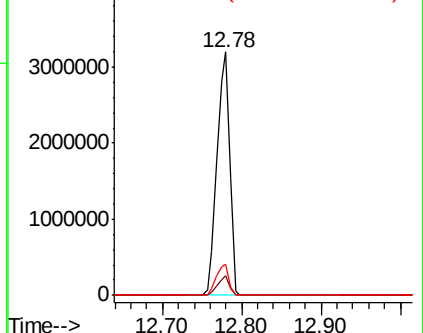
122 12.7 9.8 14.8



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: BF114724.D

Acq: 31 May 2019 23:14

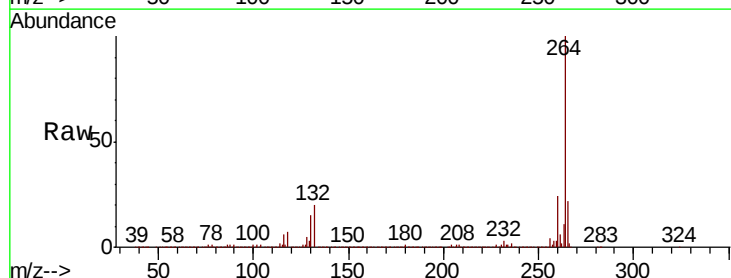
Tgt Ion:264 Resp: 844557

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.0 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

