

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114734.D
 Acq On : 1 Jun 2019 3:40
 Operator : HP/JU
 Sample : K3104-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUMP

Quant Time: Jun 01 06:36:00 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	423176	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1531992	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	704596	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1191044	20.00	ng	0.00
76) Chrysene-d12	13.82	240	771992	20.00	ng	0.00
87) Perylene-d12	15.20	264	703451	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1002445	41.59	ng	0.01
7) Phenol-d6	6.32	99	782247	26.93	ng	0.00
23) Nitrobenzene-d5	7.26	82	2135242	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	588478	87.65	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3523525	96.01	ng	0.00
79) Terphenyl-d14	12.78	244	3102900	75.57	ng	0.00

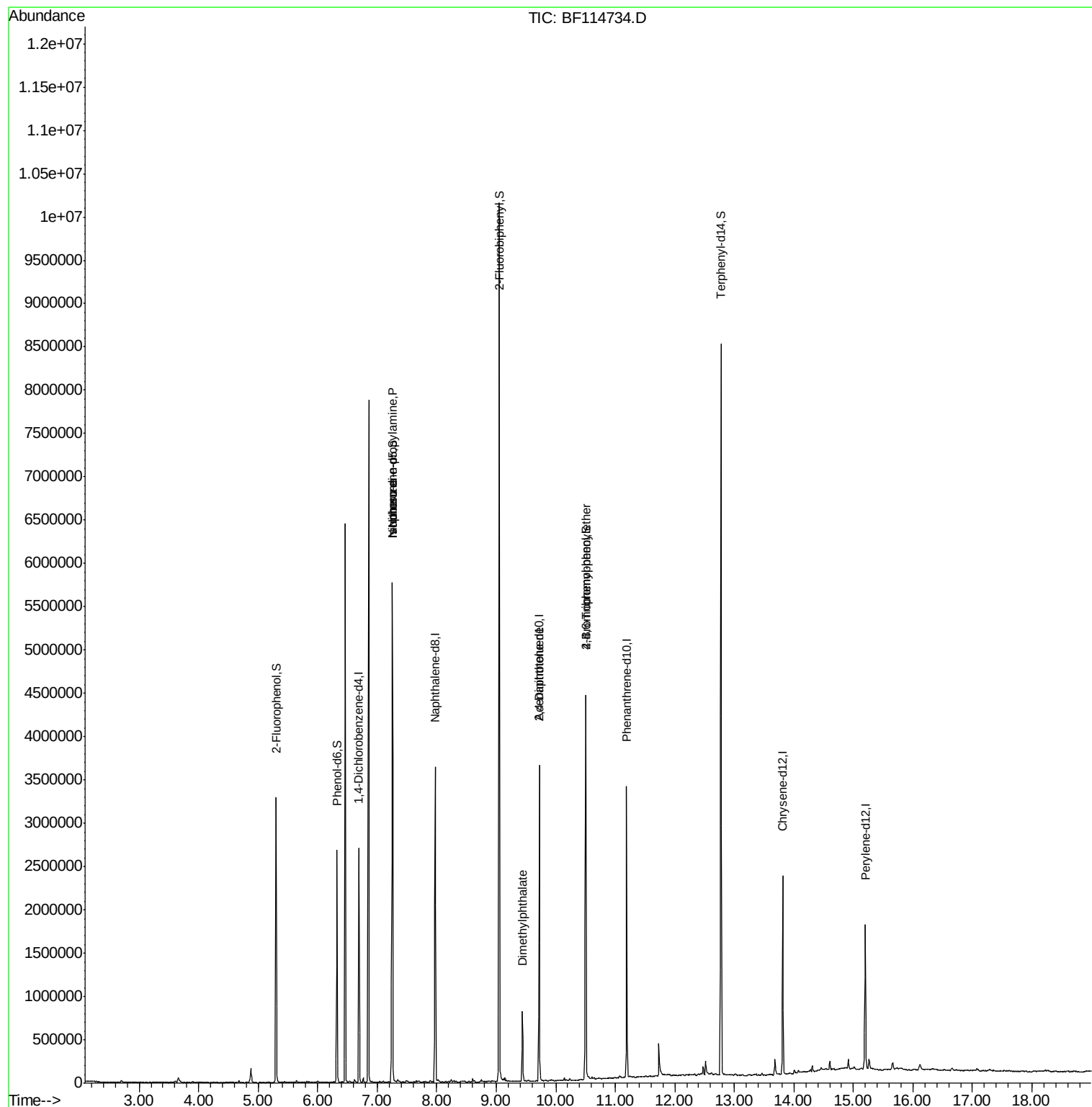
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1513	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	292721	14.601 ng	#	76
25) Isophorone	7.26	82	2095423	42.521 ng	#	63
50) Dimethylphthalate	9.44	163	317778	6.472 ng	#	99
57) 2,4-Dinitrotoluene	9.72	165	93242	6.368 ng	#	23
58) Fluorene	10.26	166	877	Below Cal	#	50
67) 4-Bromophenyl-phenylether	10.50	248	36163	2.831 ng	#	1
69) Atrazine	10.89	200	1200	Below Cal	#	71
74) Di-n-butylphthalate	11.77	149	3854	Below Cal	#	86

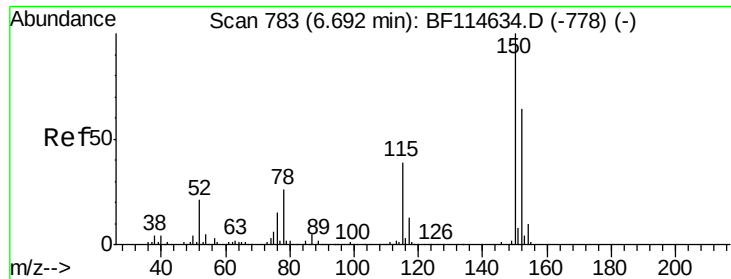
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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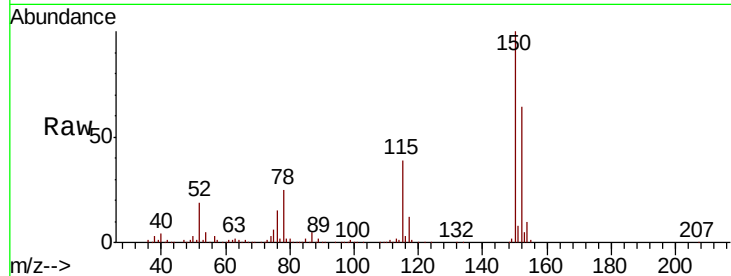


#1

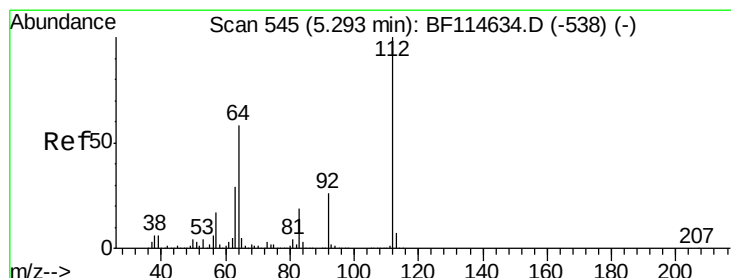
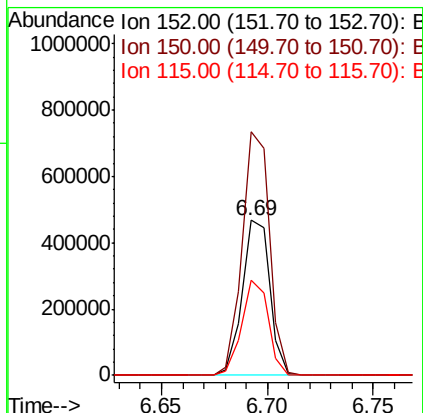
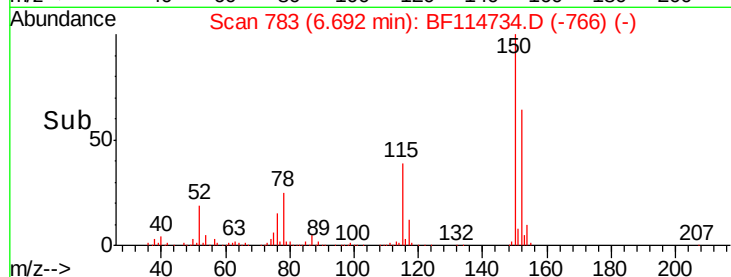
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:152 Resp: 423176
Ion Ratio Lower Upper
152 100
150 156.8 124.4 186.6
115 61.6 48.7 73.1



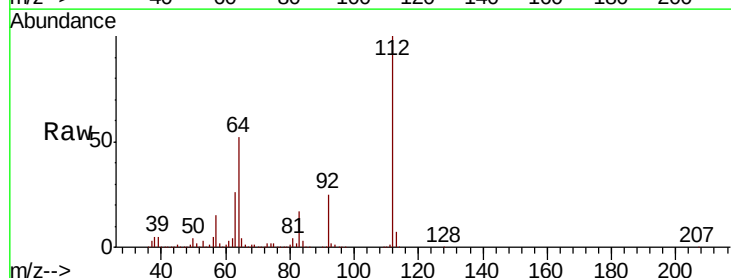
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



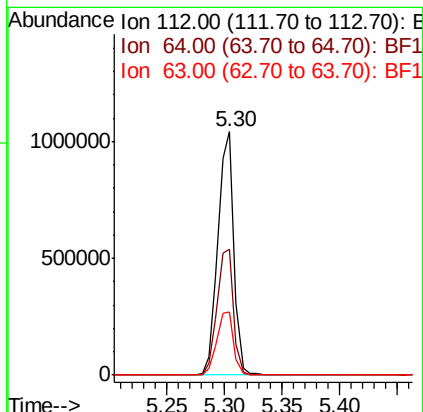
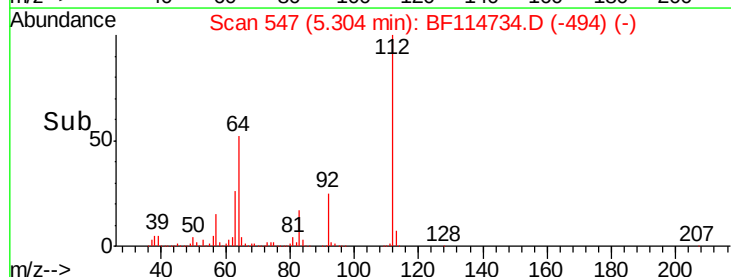
#5

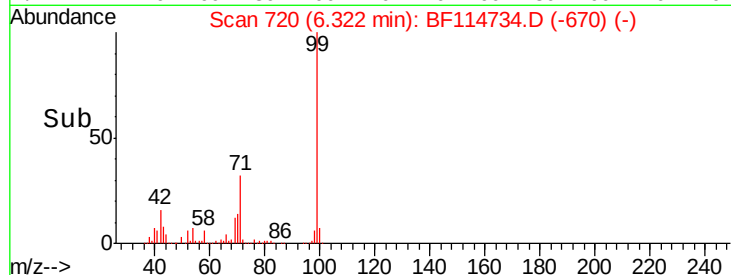
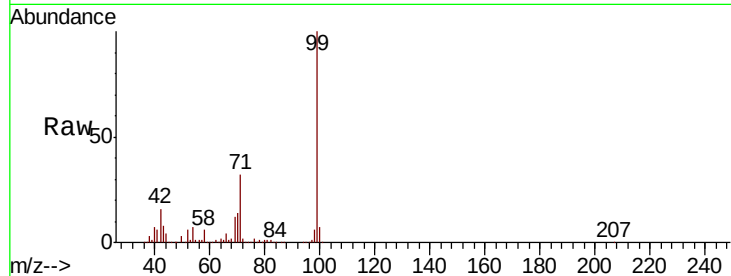
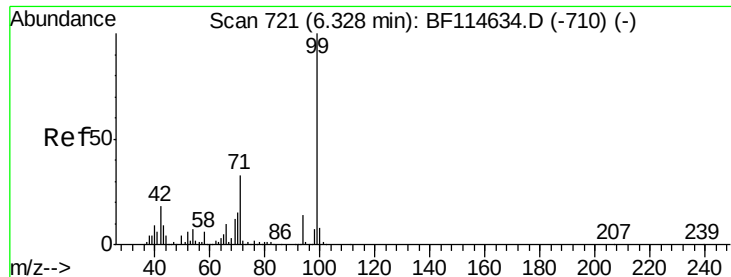
2-Fluorophenol
Concen: 41.590 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:112 Resp: 1002445
Ion Ratio Lower Upper
112 100
64 51.9 46.1 69.1
63 26.1 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: 26.932 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampleId :

SUMP

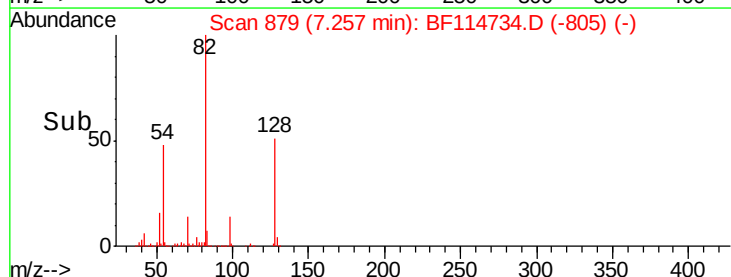
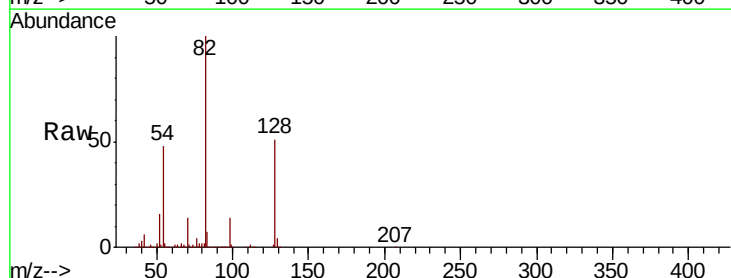
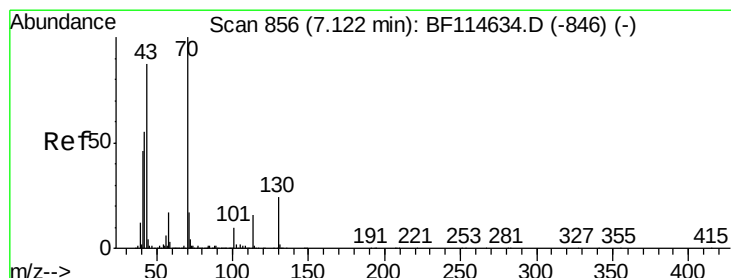
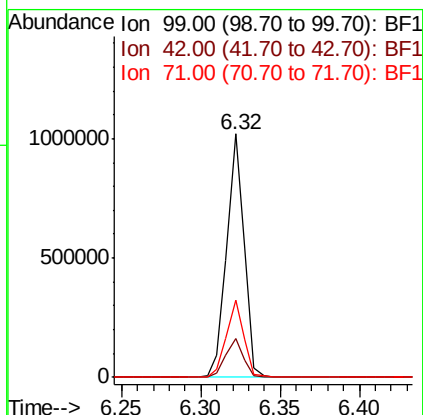
Tgt Ion: 99 Resp: 782247

Ion Ratio Lower Upper

99 100

42 16.2 14.7 22.1

71 31.9 26.6 40.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.601 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Tgt Ion: 70 Resp: 292721

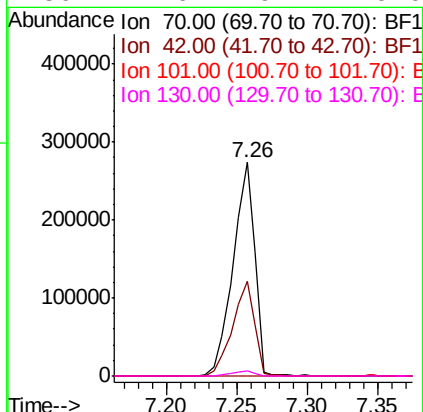
Ion Ratio Lower Upper

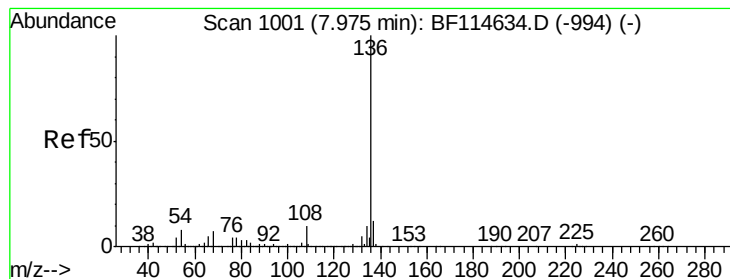
70 100

42 44.6 44.4 66.6

101 0.0 8.2 12.4#

130 2.6 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: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampleId :

SUMP

Tgt Ion:136 Resp: 1531992

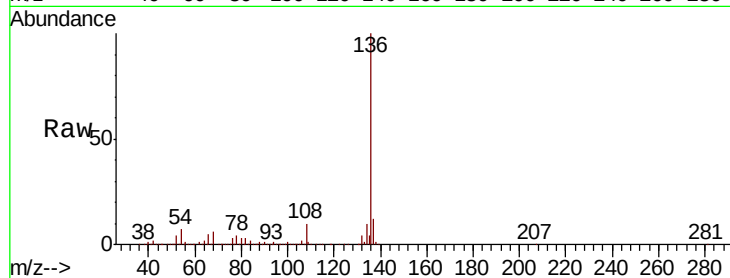
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 6.9 6.3 9.5

68 5.9 5.4 8.0

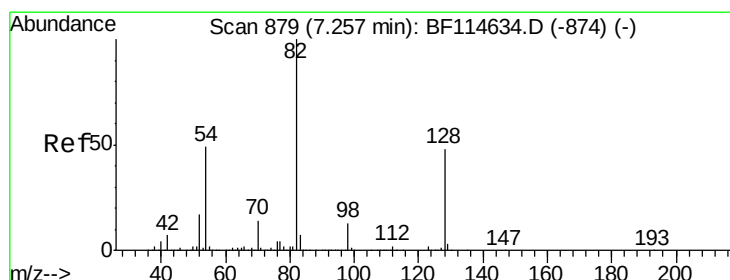
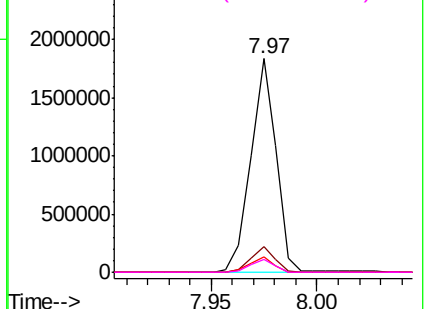
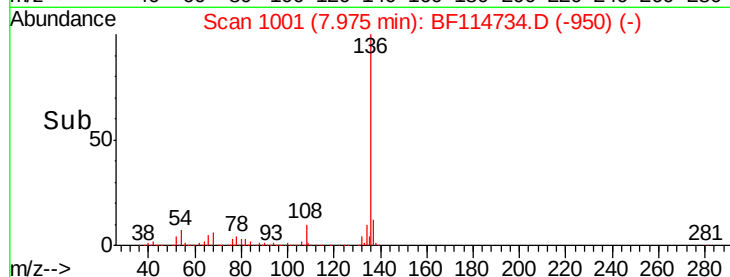


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.956 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

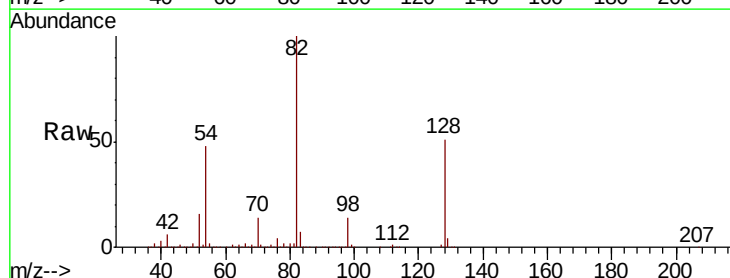
Tgt Ion: 82 Resp: 2135242

Ion Ratio Lower Upper

82 100

128 51.4 38.5 57.7

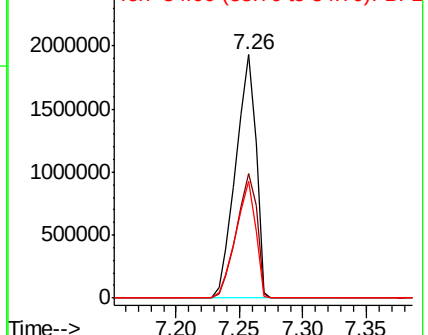
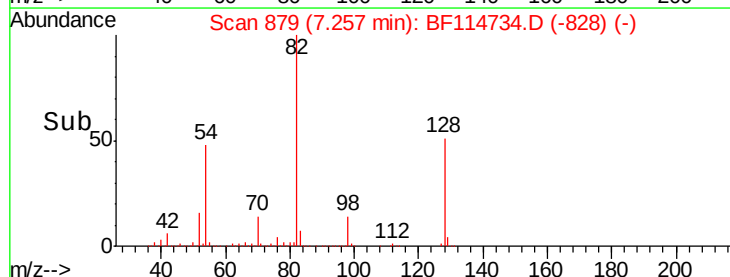
54 48.3 39.1 58.7

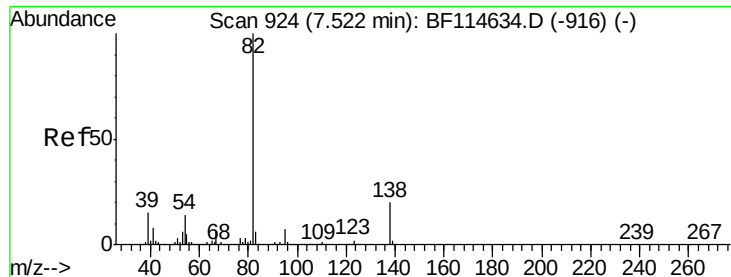


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

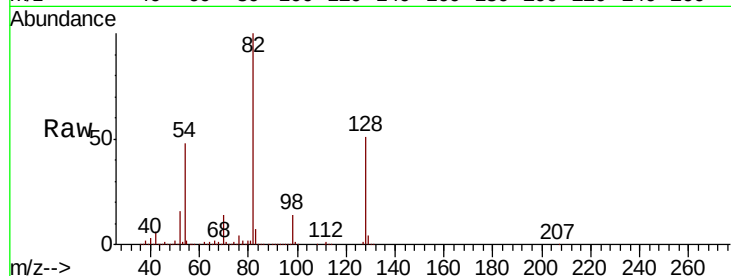




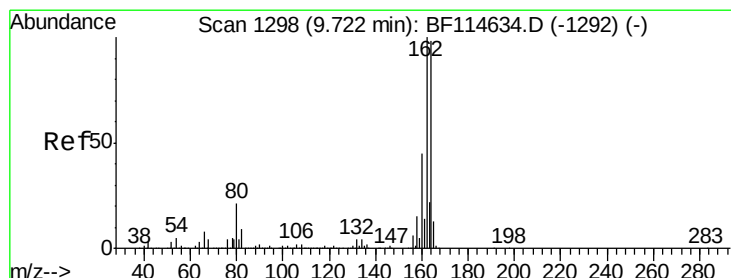
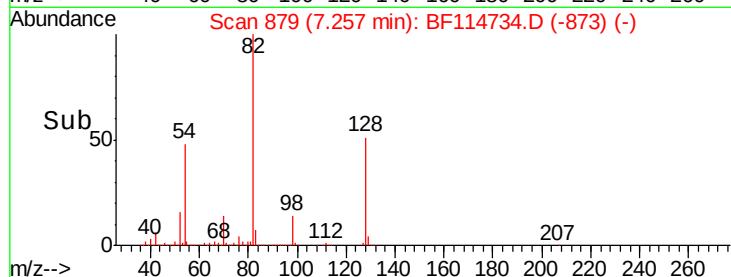
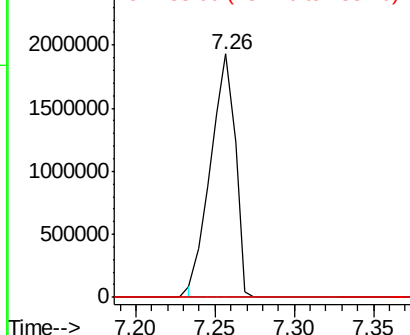
#25
Isophorone
Concen: 42.521 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion: 82 Resp: 2095423
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.9 23.9#

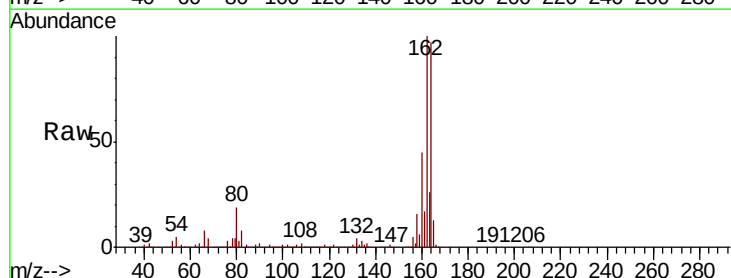


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

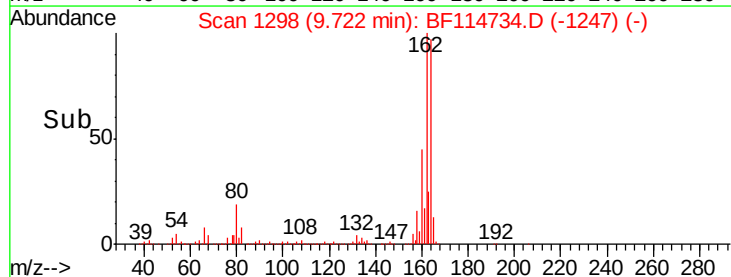
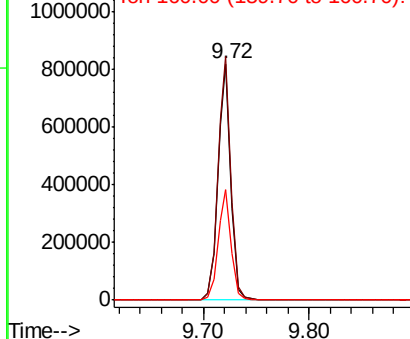


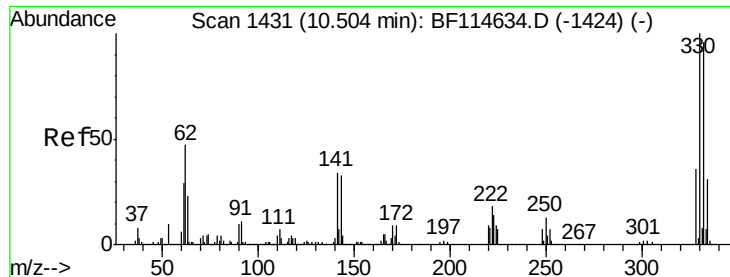
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion: 164 Resp: 704596
Ion Ratio Lower Upper
164 100
162 103.1 81.4 122.2
160 46.6 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

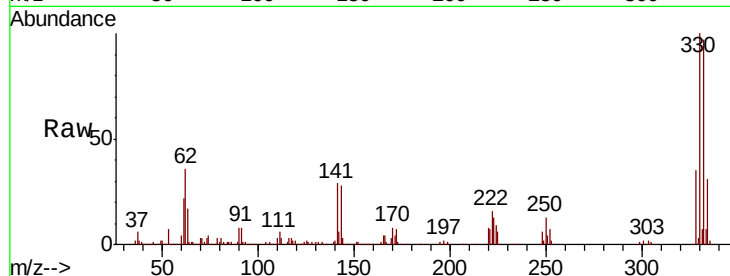




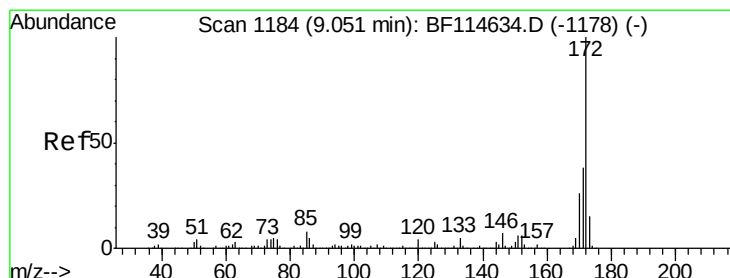
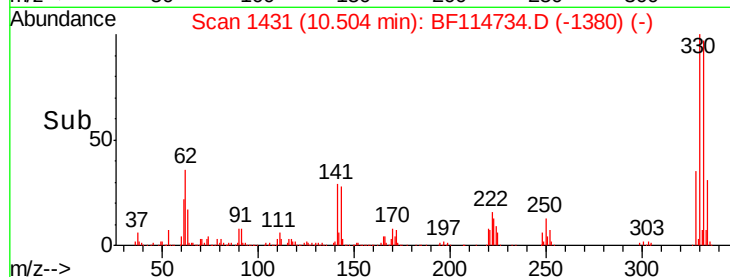
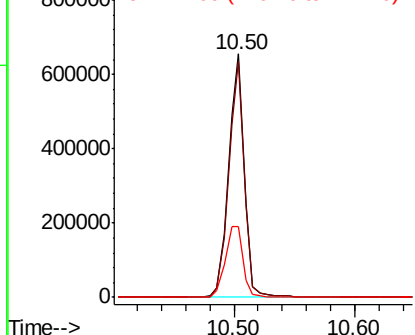
#42
 2,4,6-Tribromophenol
 Concen: 87.653 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF114734.D
 Acq: 1 Jun 2019 3:40

Instrument :
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Tgt Ion:330 Resp: 588478
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.8 113.8
 141 33.5 27.8 41.8

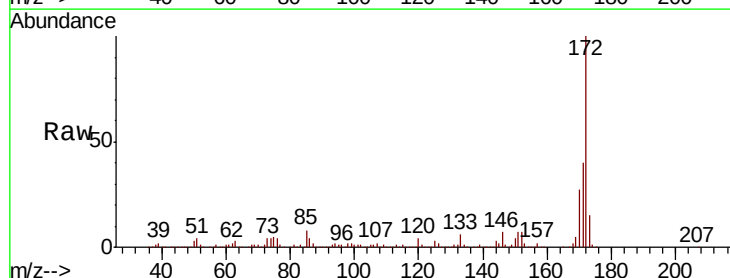


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

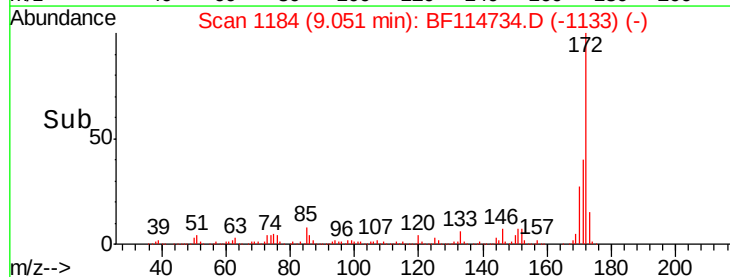
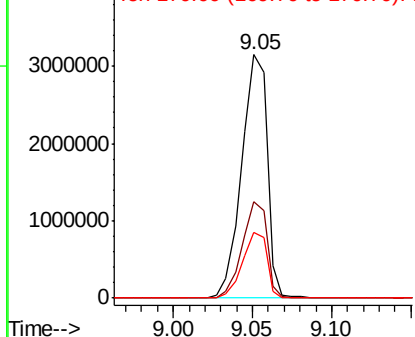


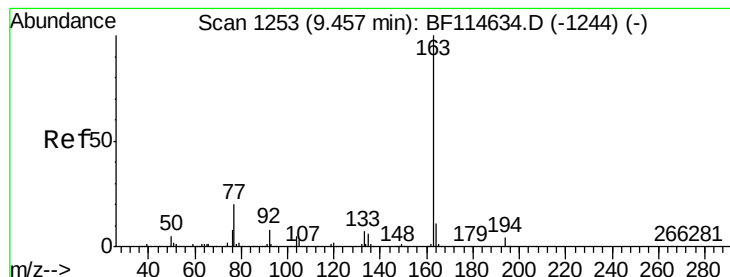
#45
 2-Fluorobiphenyl
 Concen: 96.012 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF114734.D
 Acq: 1 Jun 2019 3:40

Tgt Ion:172 Resp: 3523525
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.6 45.8
 170 27.0 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: 6.472 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampled :

SUMP

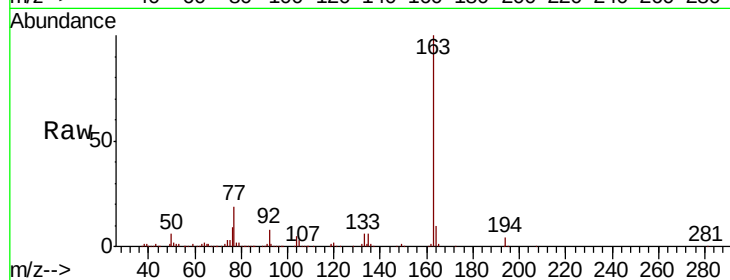
Tgt Ion:163 Resp: 317778

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

164 10.4 8.6 13.0

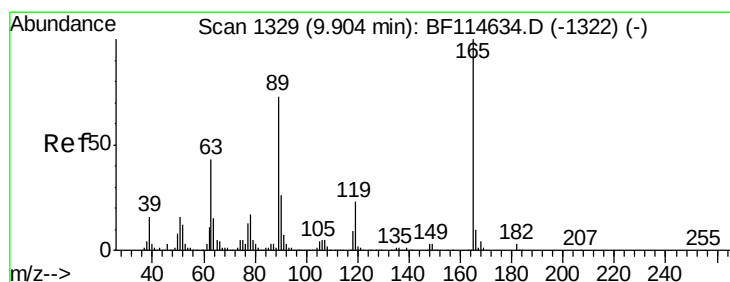
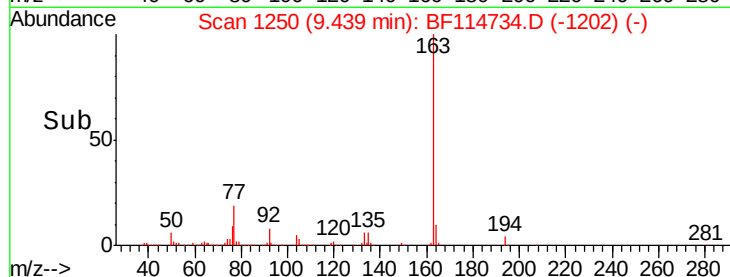
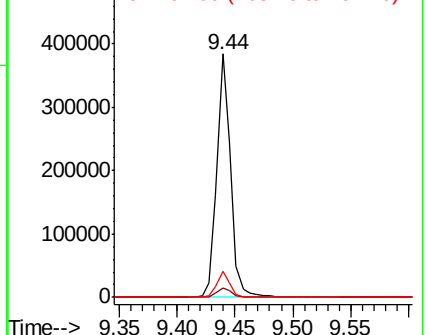


Abundance

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



#57

2,4-Dinitrotoluene

Concen: 6.368 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.18 min

Lab File: BF114734.D

Acq: 1 Jun 2019 3:40

Tgt Ion:165 Resp: 93242

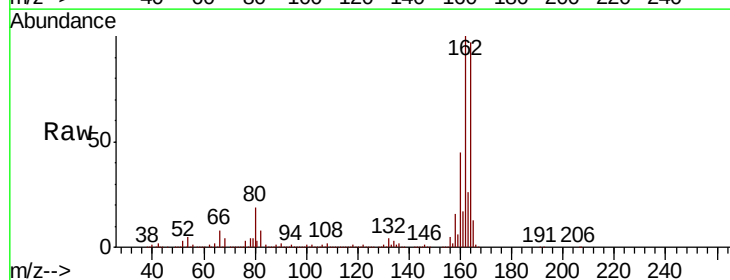
Ion Ratio Lower Upper

165 100

63 1.2 34.8 52.2#

89 1.3 58.5 87.7#

182 0.0 2.2 3.2#



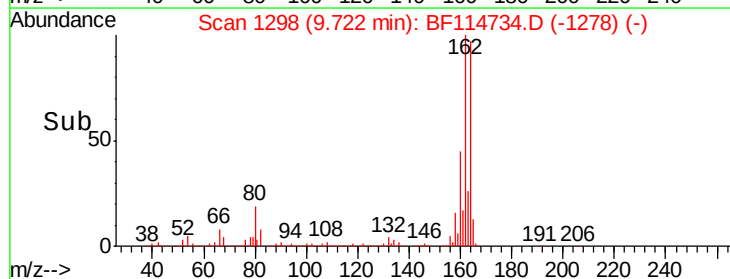
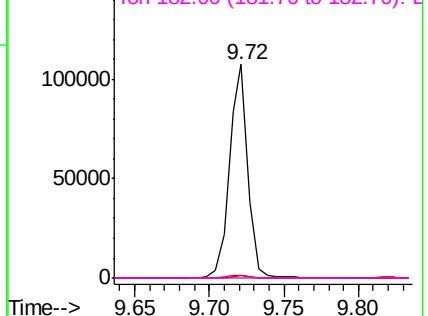
Abundance

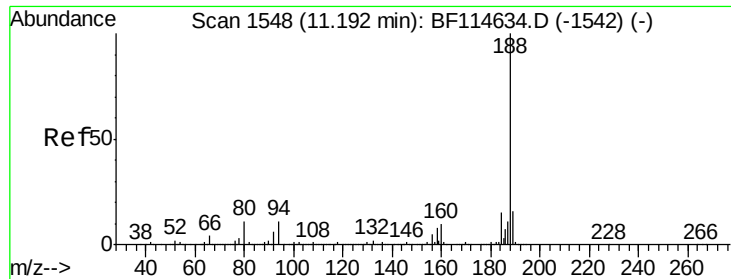
Ion 165.00 (164.70 to 165.70): E

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

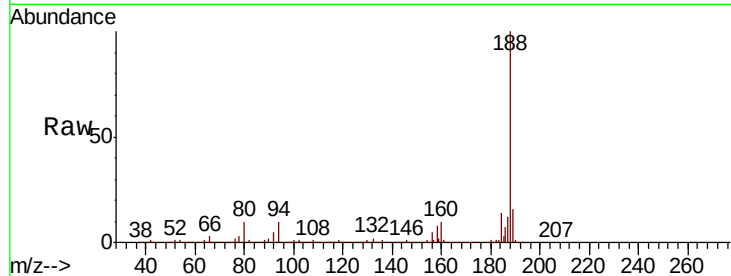




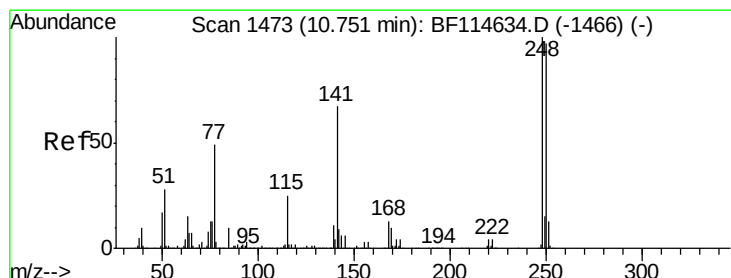
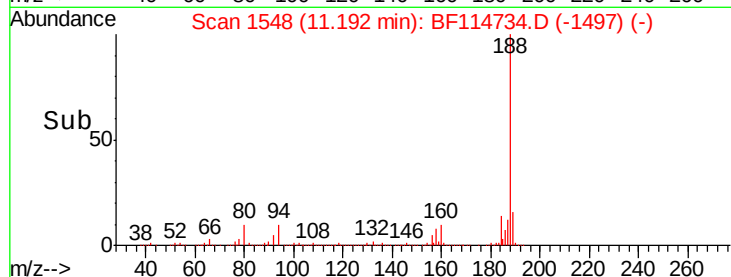
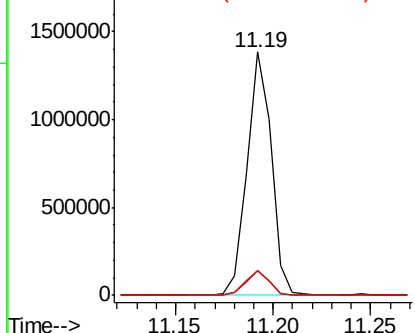
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:188 Resp: 1191044
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 10.3 9.0 13.6

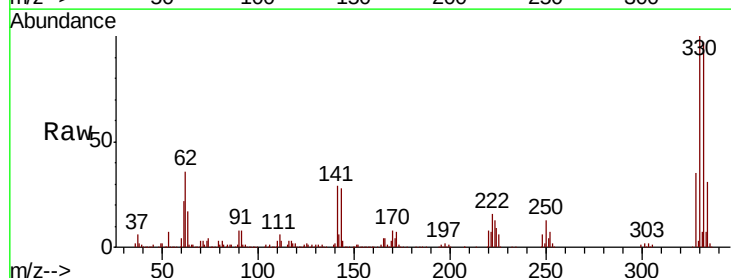


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

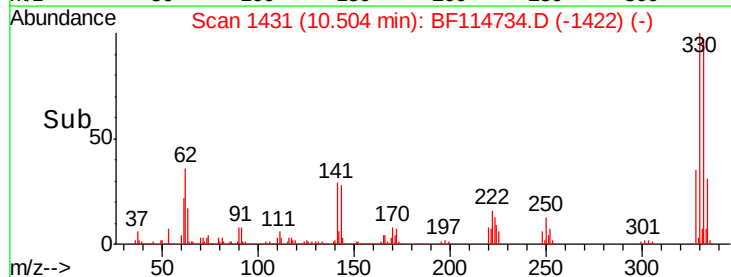
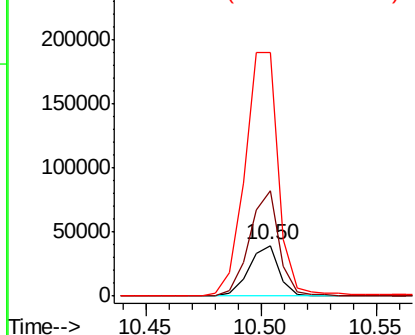


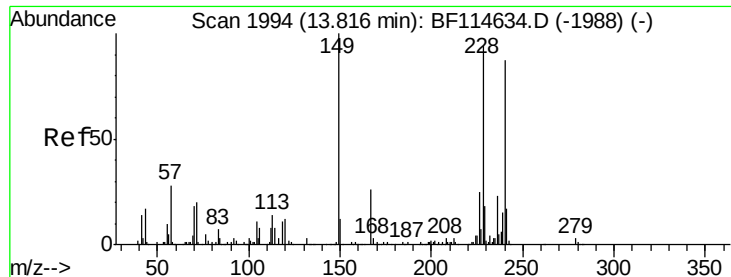
#67
4-Bromophenyl-phenylether
Concen: 2.831 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:248 Resp: 36163
Ion Ratio Lower Upper
248 100
250 209.0 78.0 117.0#
141 483.3 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

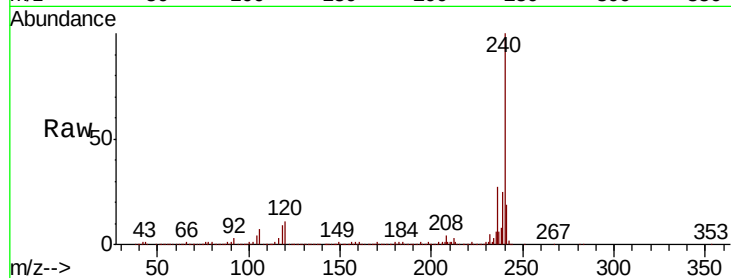




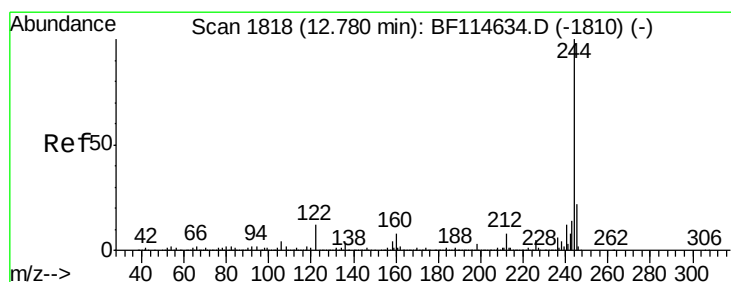
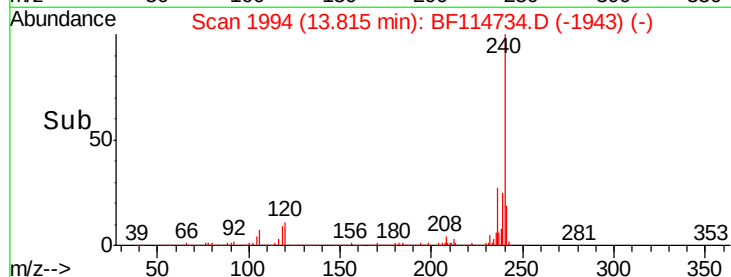
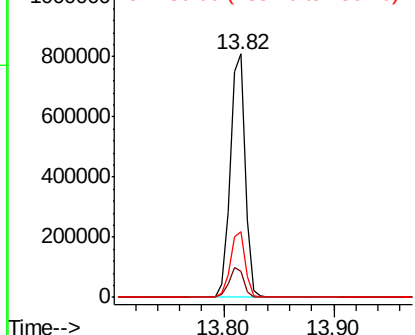
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Instrument :
BNA_F
ClientSampleId :
SUMP

Tgt Ion:240 Resp: 771992
Ion Ratio Lower Upper
240 100
120 10.6 11.2 16.8#
236 27.2 21.2 31.8

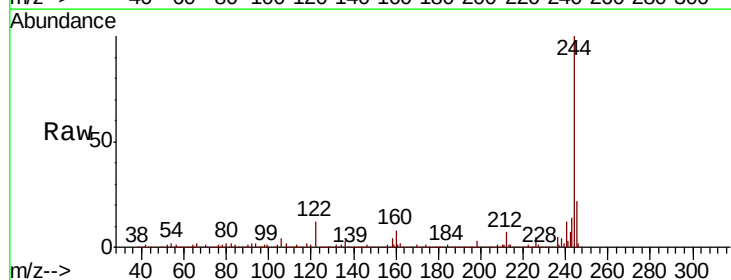


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

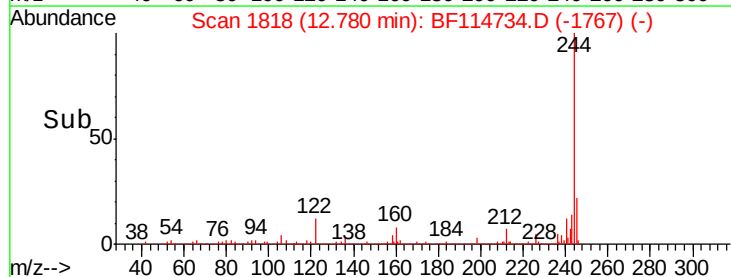
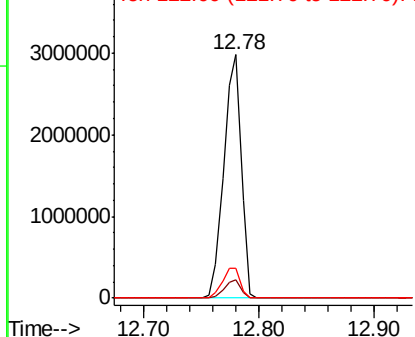


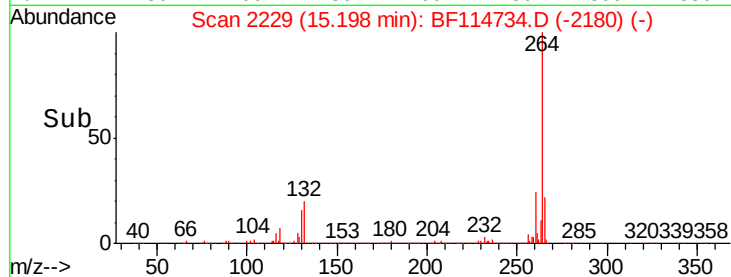
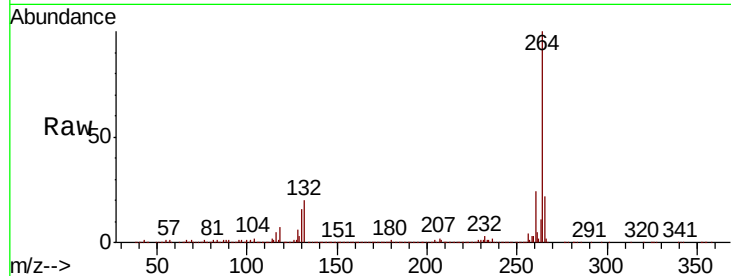
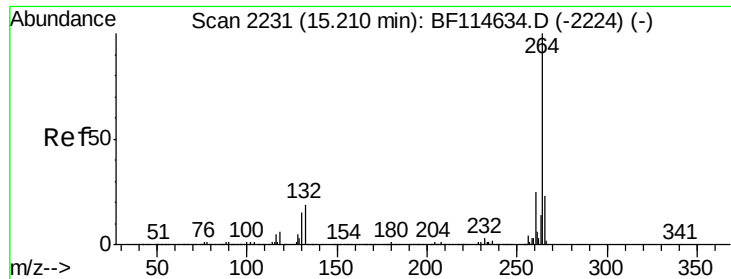
#79
Terphenyl-d14
Concen: 75.570 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF114734.D
Acq: 1 Jun 2019 3:40

Tgt Ion:244 Resp: 3102900
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.2 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: BF114734.D

Acq: 1 Jun 2019 3:40

Instrument :

BNA_F

ClientSampleId :

SUMP

Tgt Ion: 264 Resp: 703451

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 22.1 18.1 27.1

