

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
 Data File : BF110472.D
 Acq On : 5 Nov 2018 18:30
 Operator : JU/SJ
 Sample : J5815-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HL-R37719-RT

Quant Time: Nov 06 00:54:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88891	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	371673	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	186372	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	328210	20.00	ng	0.00
76) Chrysene-d12	14.13	240	179469	20.00	ng	0.00
87) Perylene-d12	15.66	264	151912	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	569576	104.34	ng	0.00
7) Phenol-d6	6.58	99	746680	106.94	ng	0.00
23) Nitrobenzene-d5	7.52	82	488851	78.01	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	187066	101.33	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	913359	76.95	ng	0.00
79) Terphenyl-d14	13.07	244	751939	87.14	ng	0.00

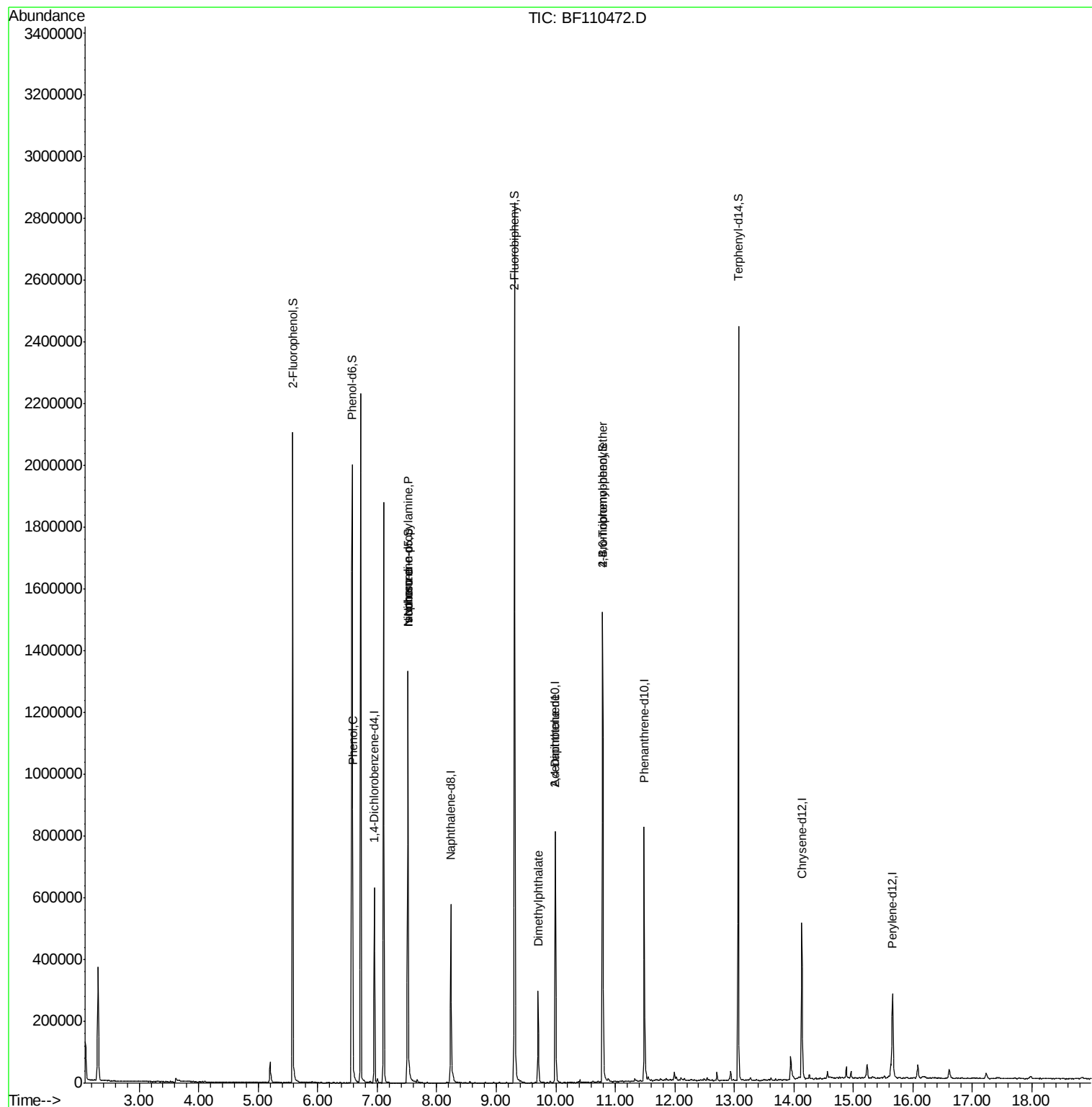
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1602	Below Cal		# 1
10) Phenol	6.59	94	59600	7.986	ng	# 62
19) n-Nitroso-di-n-propylamine	7.52	70	63519	14.181	ng	# 79
25) Isophorone	7.52	82	488848	45.766	ng	# 67
50) Dimethylphthalate	9.70	163	158936	11.553	ng	99
57) 2,4-Dinitrotoluene	9.99	165	23262	6.180	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	11768	3.305	ng	# 1

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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QLast Update : Thu Nov 01 16:06:12 2018
Response via : Initial Calibration



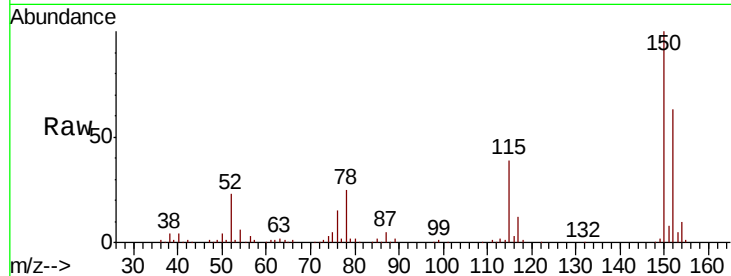


#1

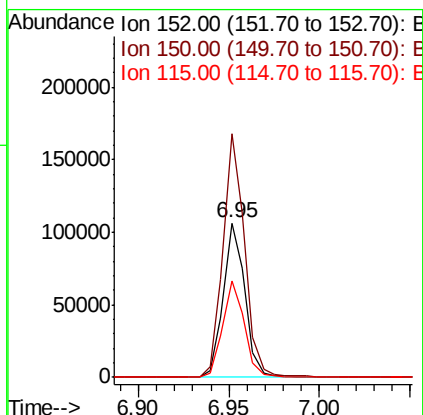
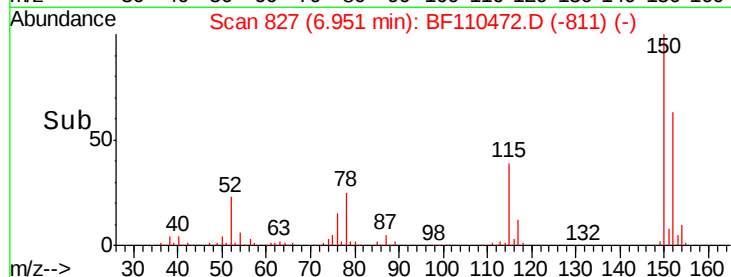
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Instrument :
BNA_F
ClientSampleId :
HL-R37719-RT

Tgt Ion:152 Resp: 88891
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 62.1 49.1 73.7



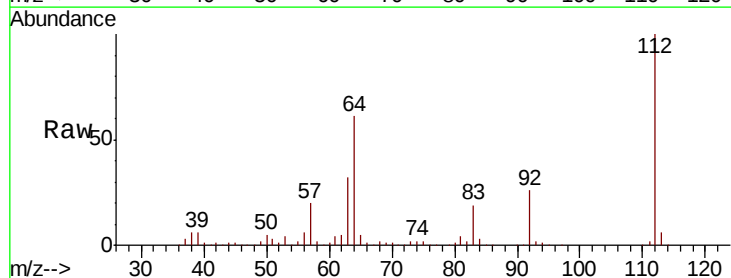
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



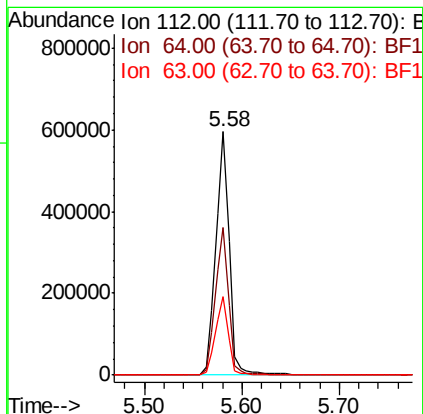
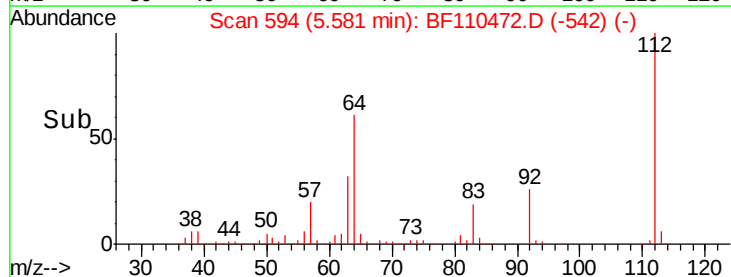
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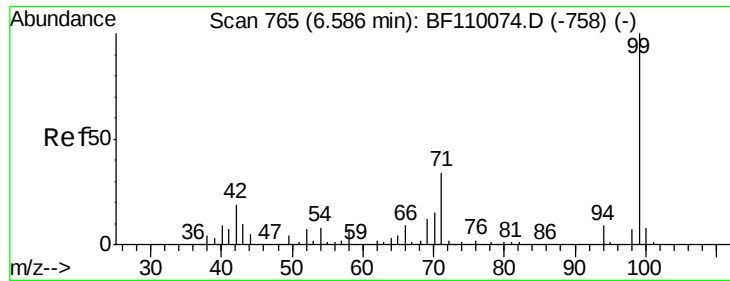
2-Fluorophenol
Concen: 104.344 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:112 Resp: 569576
Ion Ratio Lower Upper
112 100
64 60.7 44.1 66.1
63 32.4 23.7 35.5



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: 106.944 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110472.D

Acq: 5 Nov 2018 18:30

Instrument :

BNA_F

ClientSampleId :

HL-R37719-RT

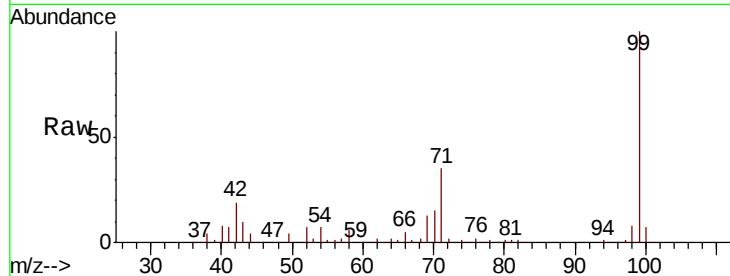
Tgt Ion: 99 Resp: 746680

Ion Ratio Lower Upper

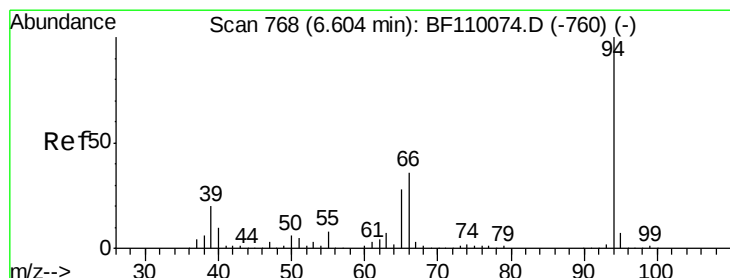
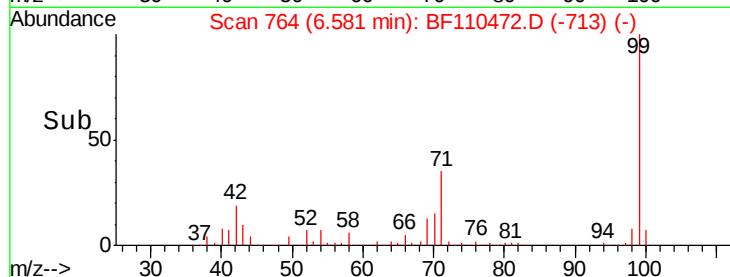
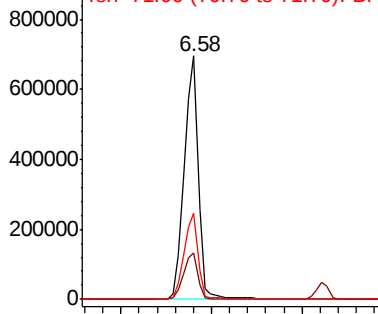
99 100

42 19.0 15.8 23.6

71 35.5 28.0 42.0



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



#10

Phenol

Concen: 7.986 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110472.D

Acq: 5 Nov 2018 18:30

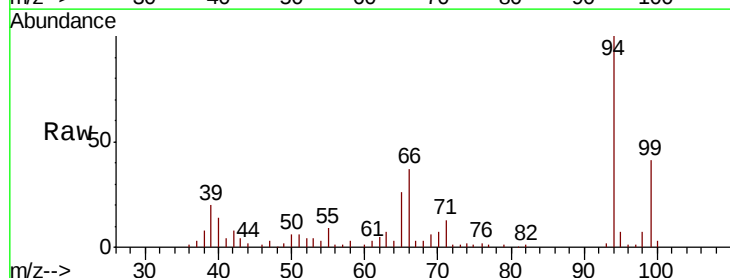
Tgt Ion: 94 Resp: 59600

Ion Ratio Lower Upper

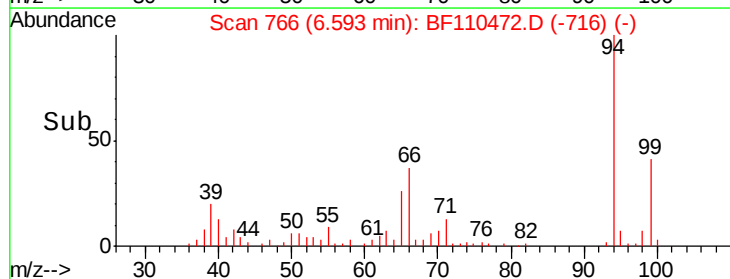
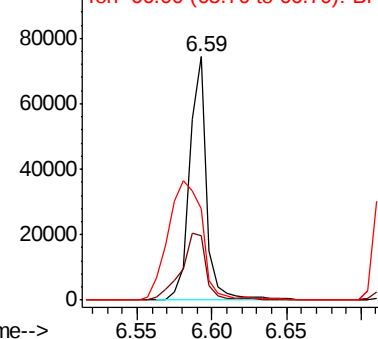
94 100

65 26.4 25.3 65.3

66 37.3 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

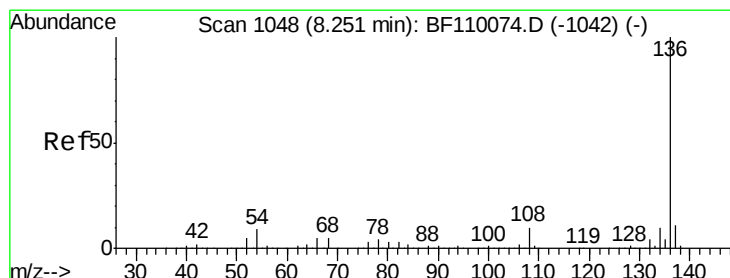
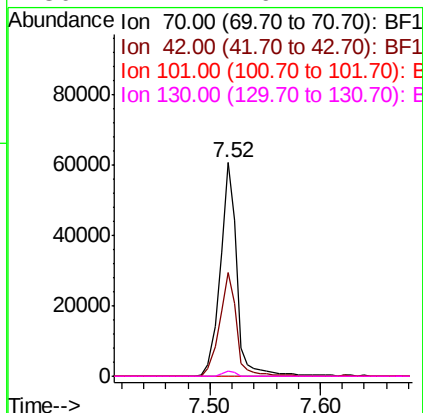
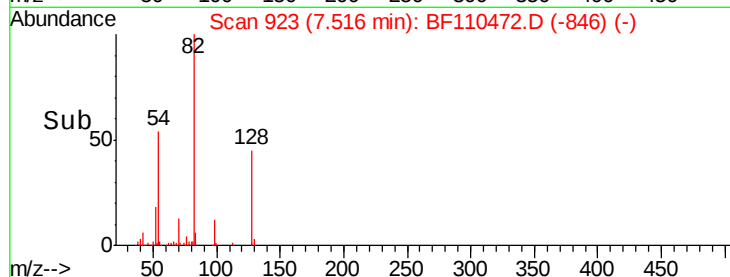
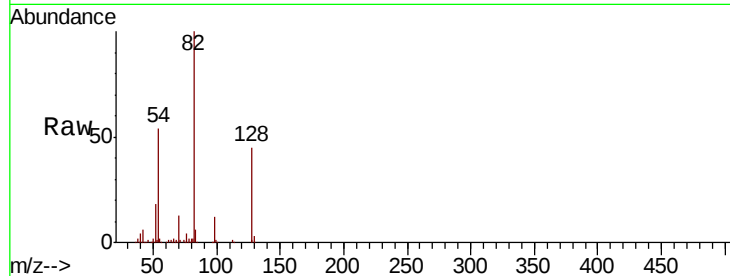




#19
n-Nitroso-di-n-propylamine
Concen: 14.181 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

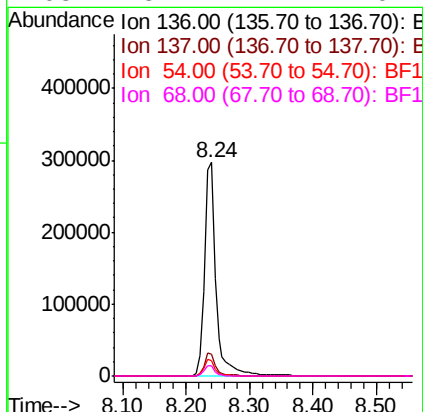
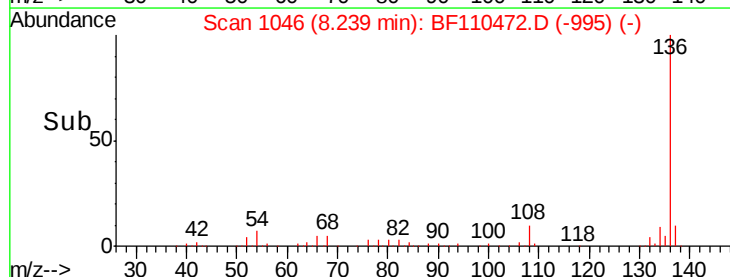
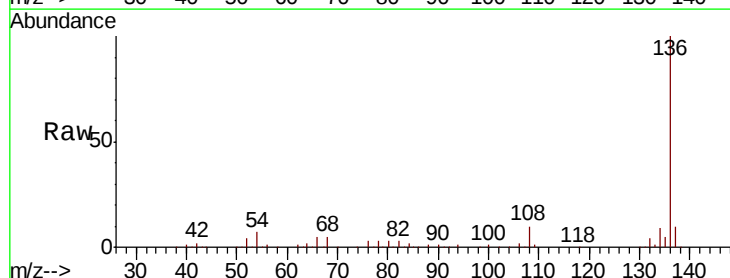
Instrument :
BNA_F
ClientSampleId :
HL-R37719-RT

Tgt Ion: 70 Resp: 63519
Ion Ratio Lower Upper
70 100
42 48.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion: 136 Resp: 371673
Ion Ratio Lower Upper
136 100
137 10.1 8.8 13.2
54 7.1 5.4 8.2
68 5.1 4.2 6.2

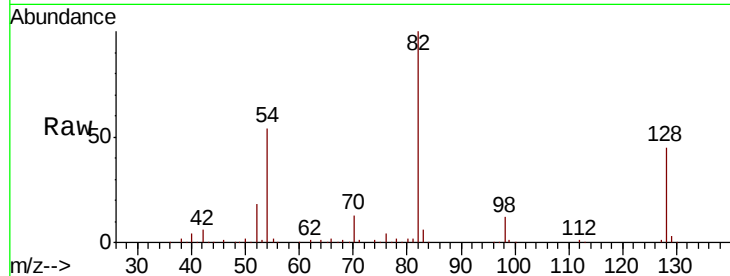




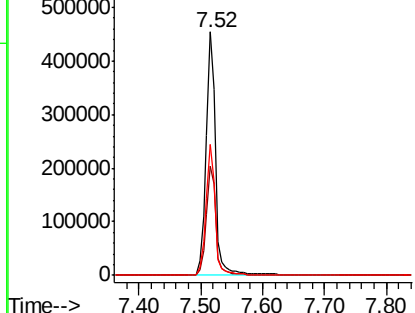
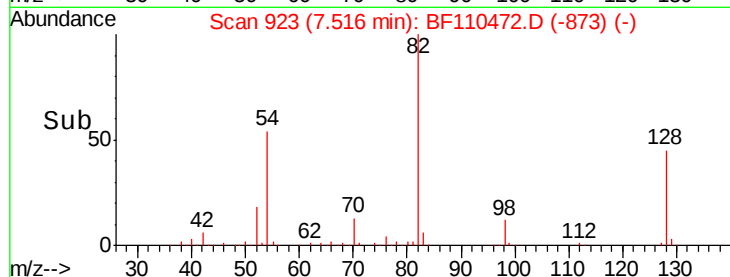
#23
 Nitrobenzene-d5
 Concen: 78.013 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110472.D
 Acq: 5 Nov 2018 18:30

Instrument :
 BNA_F
 ClientSampleId :
 HL-R37719-RT

Tgt Ion: 82 Resp: 488851
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.2 51.2
 54 53.6 38.6 58.0

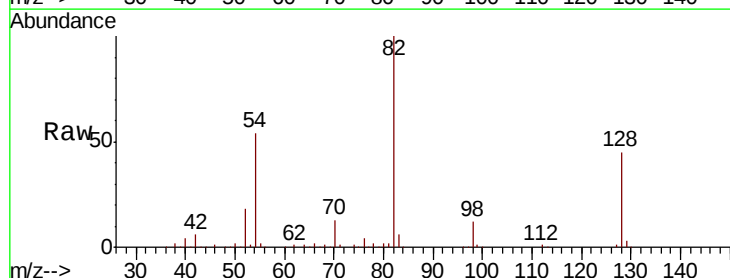


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

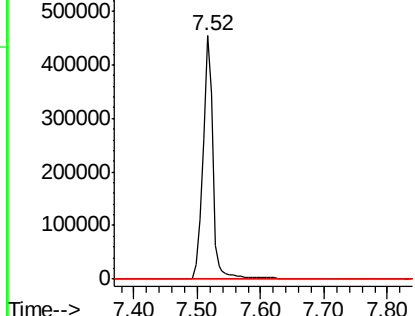
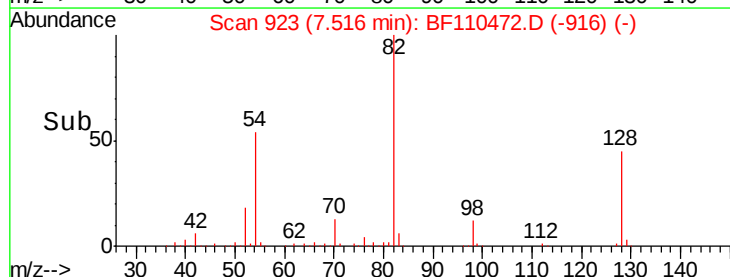


#25
 Isophorone
 Concen: 45.766 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110472.D
 Acq: 5 Nov 2018 18:30

Tgt Ion: 82 Resp: 488848
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



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: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF110472.D

Acq: 5 Nov 2018 18:30

Instrument :

BNA_F

ClientSampleId :

HL-R37719-RT

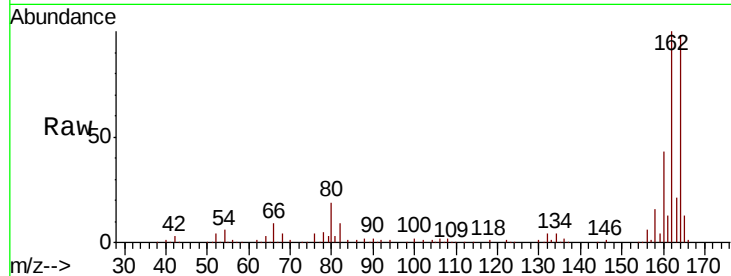
Tgt Ion:164 Resp: 186372

Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.6

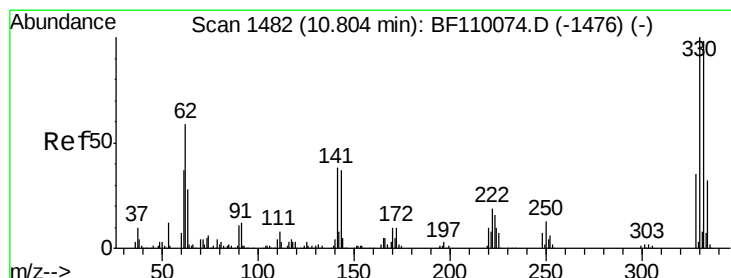
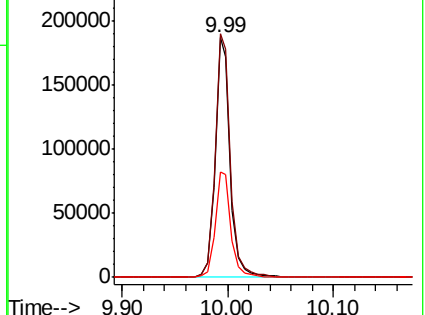
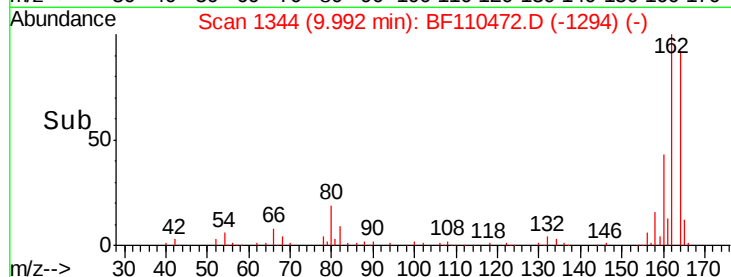
160 44.0 37.0 55.6



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: 101.328 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110472.D

Acq: 5 Nov 2018 18:30

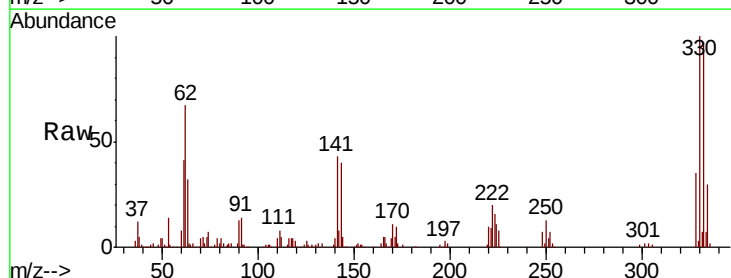
Tgt Ion:330 Resp: 187066

Ion Ratio Lower Upper

330 100

332 94.6 77.1 115.7

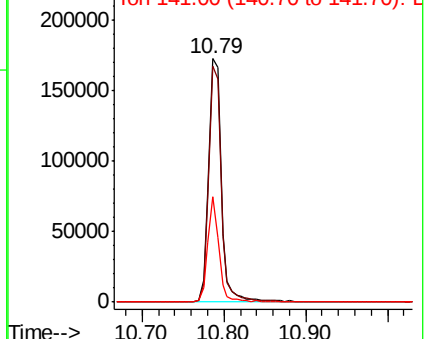
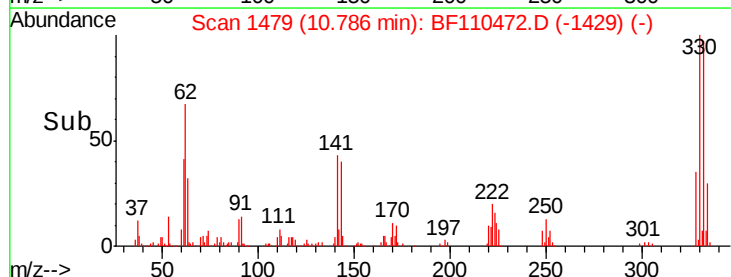
141 37.9 27.0 40.4



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

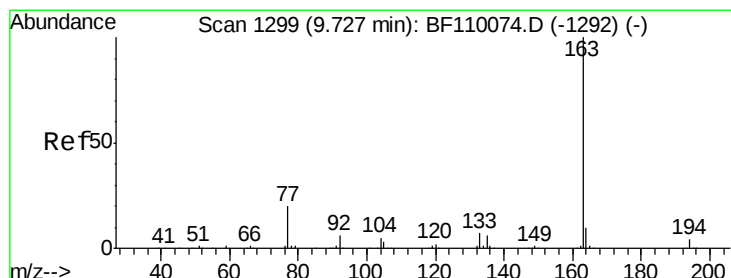
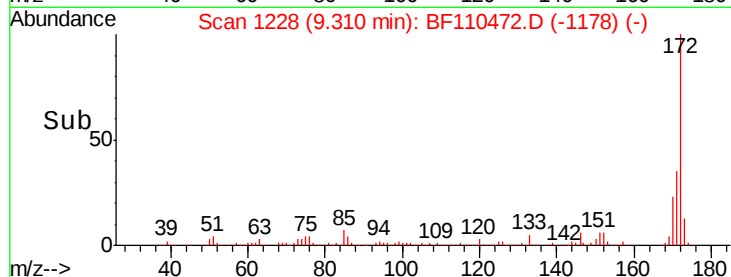
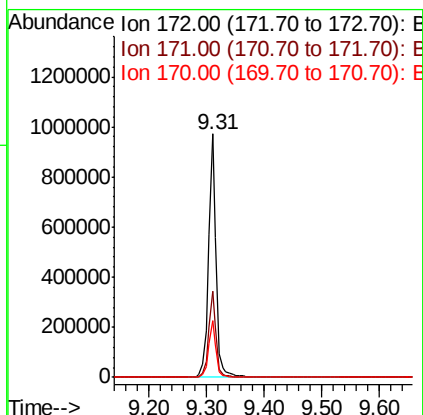
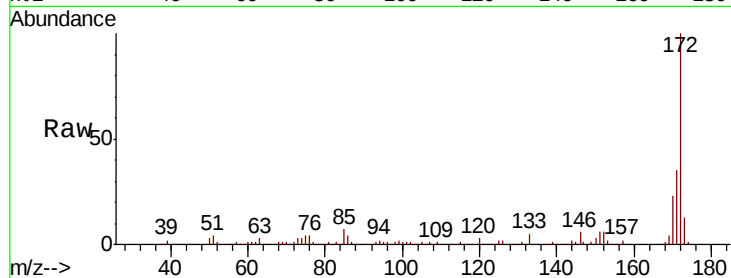




#45
2-Fluorobiphenyl
Concen: 76.954 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

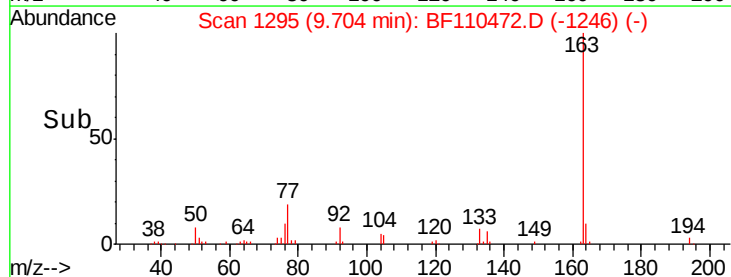
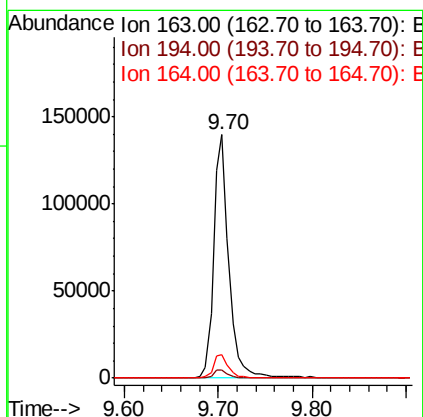
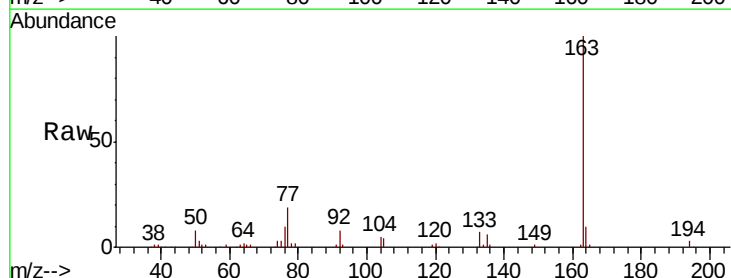
Instrument :
BNA_F
ClientSampleId :
HL-R37719-RT

Tgt Ion:172 Resp: 913359
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 19.7 29.5



#50
Dimethylphthalate
Concen: 11.553 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion:163 Resp: 158936
Ion Ratio Lower Upper
163 100
194 3.4 3.2 4.8
164 9.8 8.1 12.1

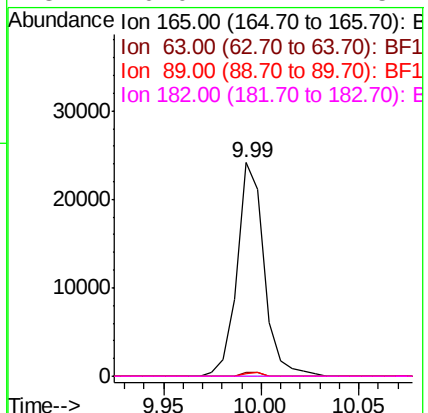
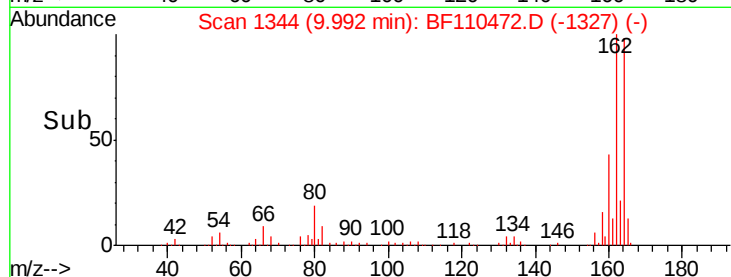
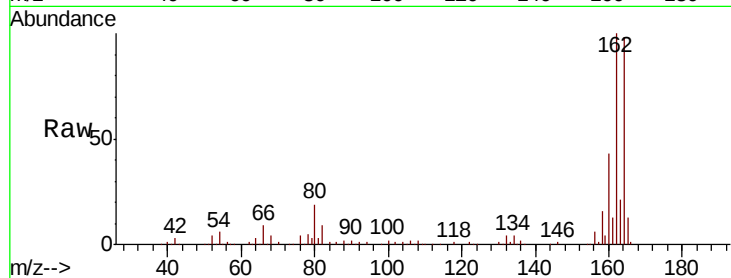




#57
2,4-Dinitrotoluene
Concen: 6.180 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

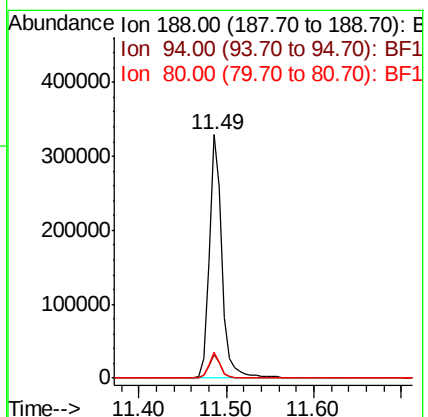
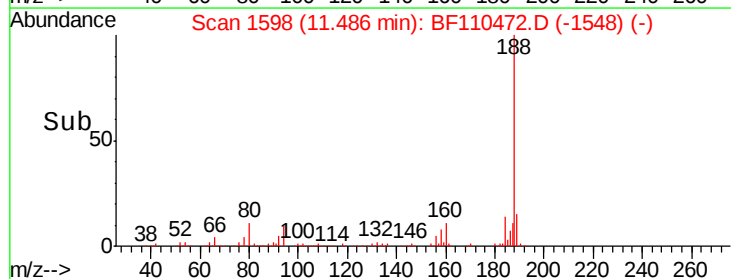
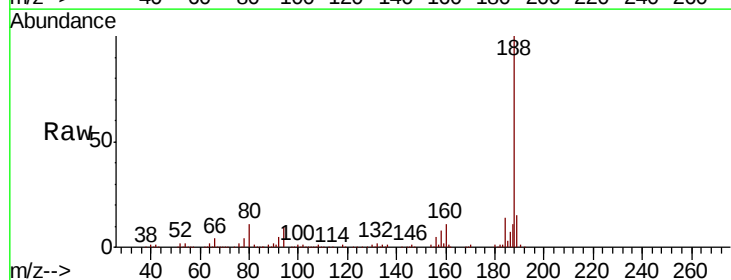
Instrument :
BNA_F
ClientSampleId :
HL-R37719-RT

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110472.D
Acq: 5 Nov 2018 18:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.5	7.9	11.9

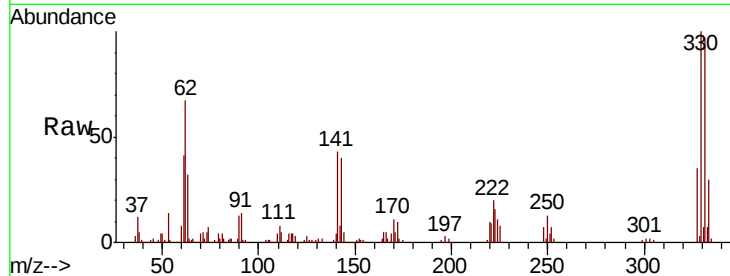




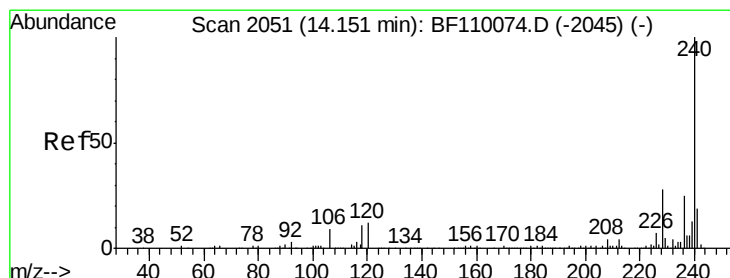
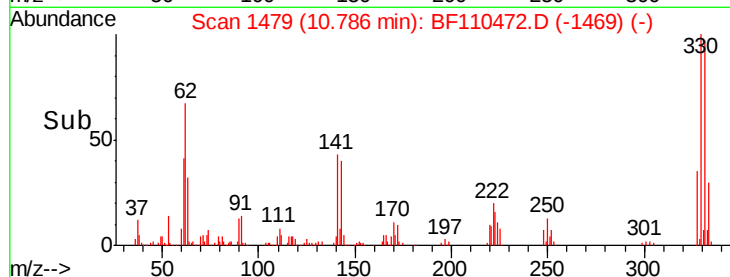
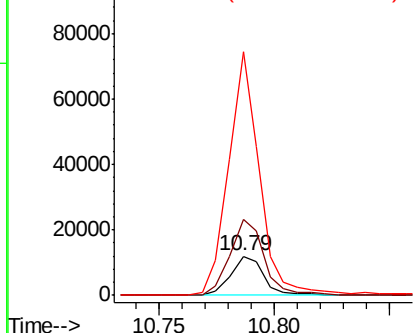
#67
 4-Bromophenyl-phenylether
 Concen: 3.305 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110472.D
 Acq: 5 Nov 2018 18:30

Instrument :
 BNA_F
 ClientSampleId :
 HL-R37719-RT

Tgt Ion:248 Resp: 11768
 Ion Ratio Lower Upper
 248 100
 250 191.5 79.4 119.2#
 141 617.9 55.9 83.9#

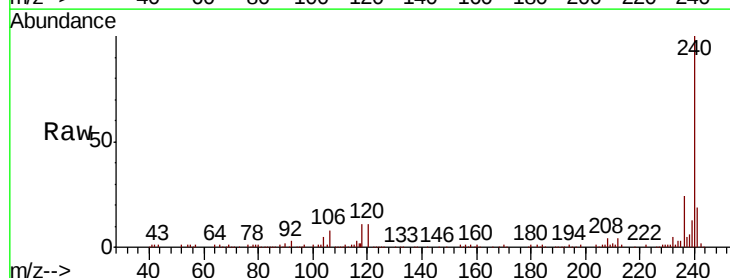


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

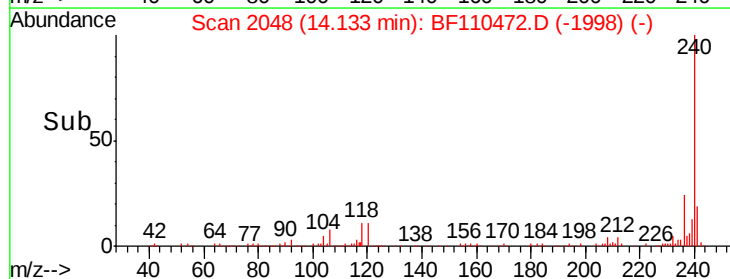
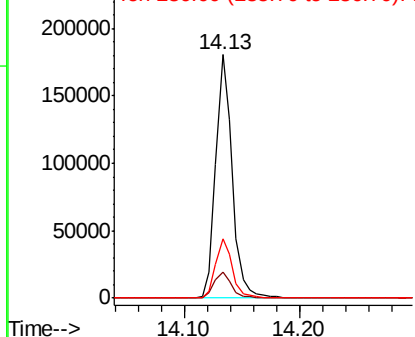


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110472.D
 Acq: 5 Nov 2018 18:30

Tgt Ion:240 Resp: 179469
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 24.4 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: 87.136 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110472.D

Acq: 5 Nov 2018 18:30

Instrument :

BNA_F

ClientSampleId :

HL-R37719-RT

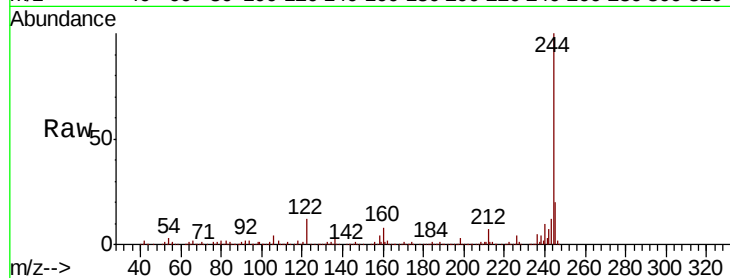
Tgt Ion:244 Resp: 751939

Ion Ratio Lower Upper

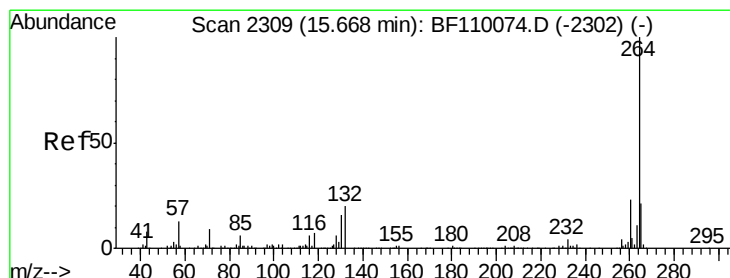
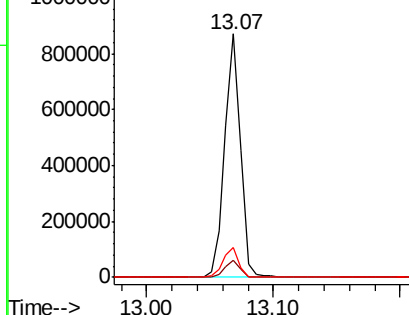
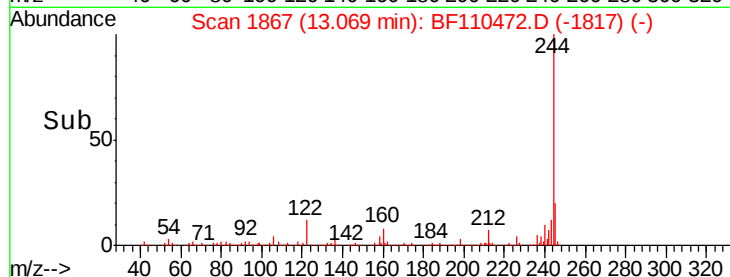
244 100

212 7.0 5.8 8.8

122 12.1 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110472.D

Acq: 5 Nov 2018 18:30

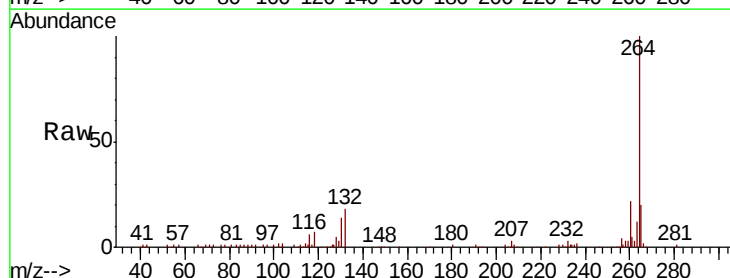
Tgt Ion:264 Resp: 151912

Ion Ratio Lower Upper

264 100

260 21.9 18.7 28.1

265 20.1 16.7 25.1



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

