

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110315.D
 Acq On : 30 Oct 2018 20:45
 Operator : JU/SJ
 Sample : J5711-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Oct 31 04:34:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

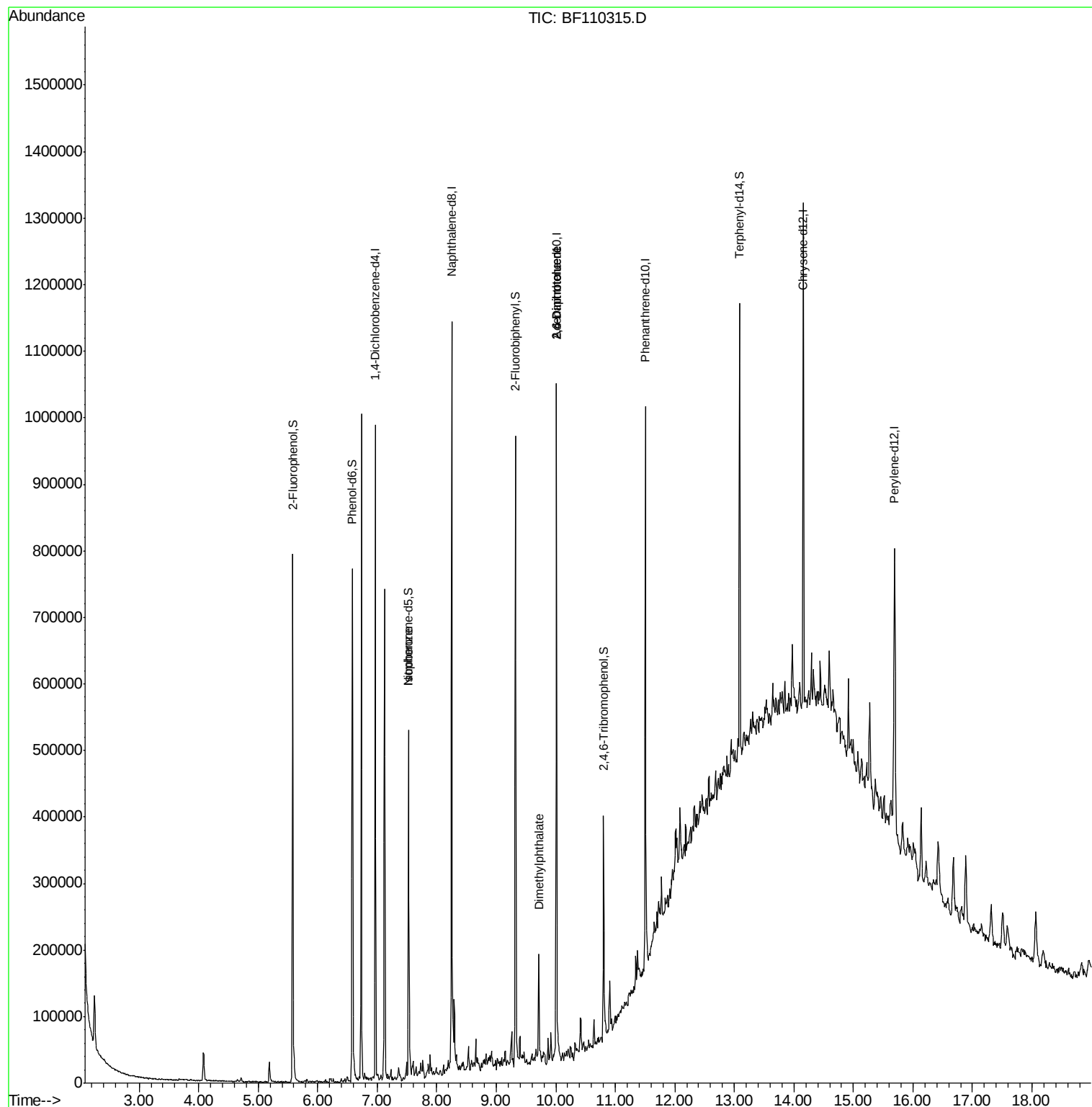
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132958	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	509824	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	200583	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	320123	20.00	ng	0.00
76) Chrysene-d12	14.16	240	271855	20.00	ng	0.00
87) Perylene-d12	15.70	264	204656	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	219928	26.94	ng	0.00
7) Phenol-d6	6.58	99	277252	26.55	ng	-0.01
23) Nitrobenzene-d5	7.53	82	167121	19.44	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	44289	22.29	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	296710	23.23	ng	0.00
79) Terphenyl-d14	13.09	244	221238	16.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	5321	Below Cal		Qvalue 82
25) Isophorone	7.53	82	167121	11.406 ng	#	67
50) Dimethylphthalate	9.72	163	42062	2.841 ng	#	97
51) 2,6-Dinitrotoluene	10.01	165	26202	8.215 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	26202	6.468 ng	#	19
77) Benzidine	12.84	184	132	Below Cal	#	1

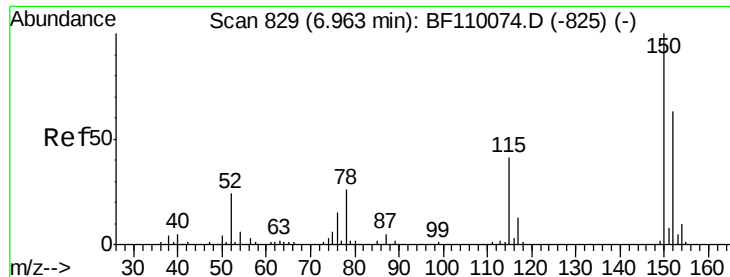
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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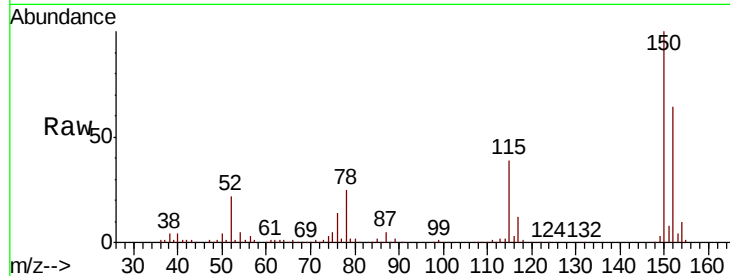


#1

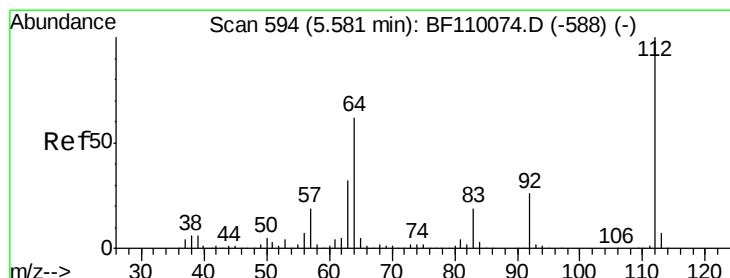
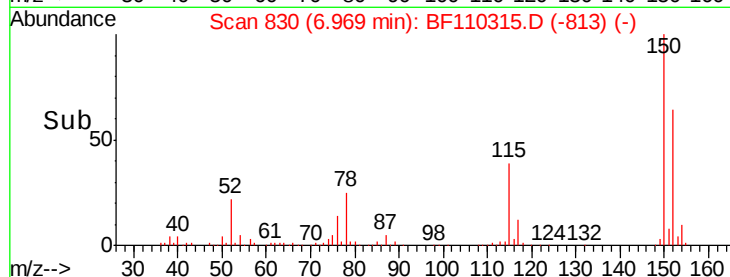
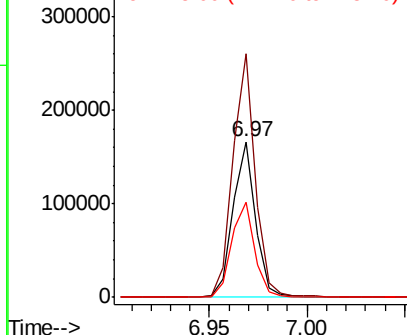
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:152 Resp: 132958
Ion Ratio Lower Upper
152 100
150 156.4 122.7 184.1
115 61.2 49.1 73.7



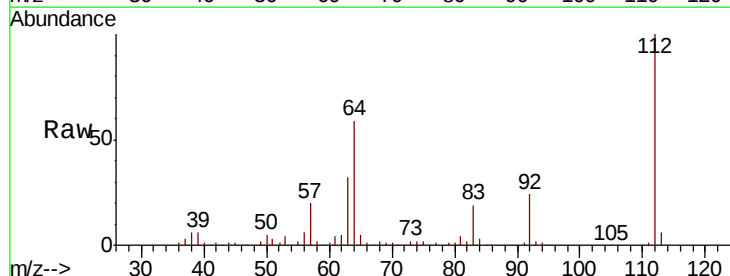
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



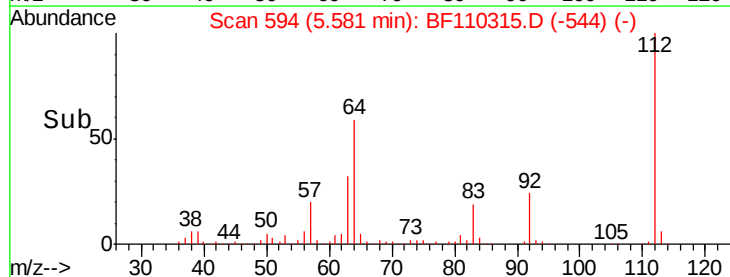
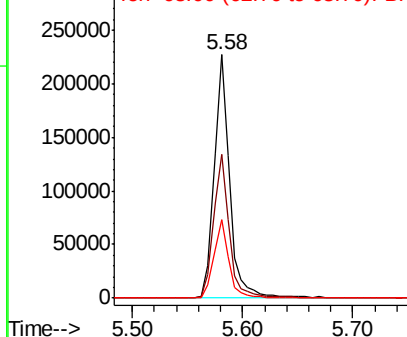
#5

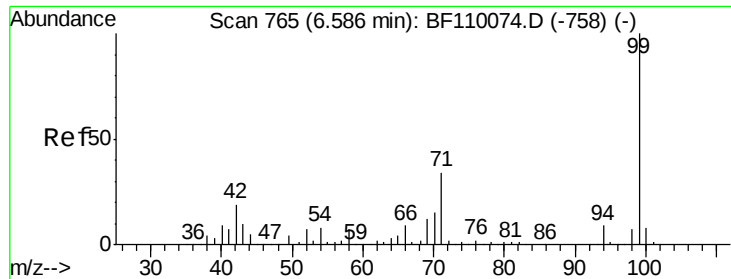
2-Fluorophenol
Concen: 26.936 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

Tgt Ion:112 Resp: 219928
Ion Ratio Lower Upper
112 100
64 59.2 44.1 66.1
63 32.0 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: 26.548 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110315.D

Acq: 30 Oct 2018 20:45

Instrument :

BNA_F

ClientSampleId :

SB-1

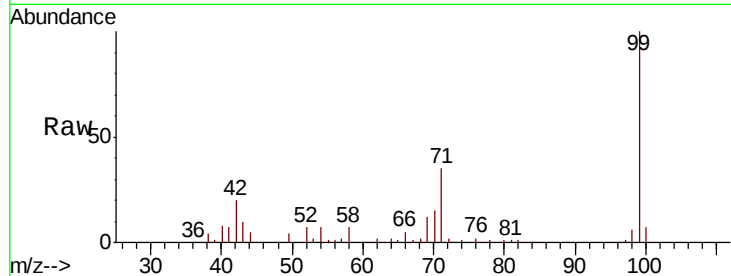
Tgt Ion: 99 Resp: 277252

Ion Ratio Lower Upper

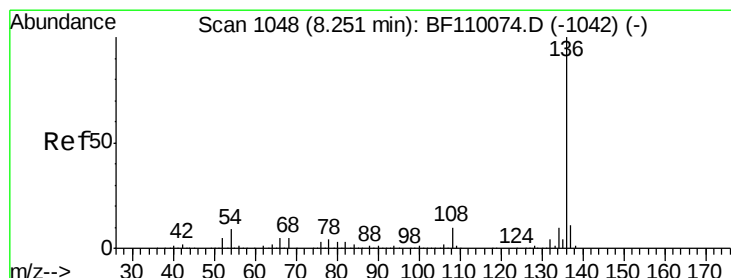
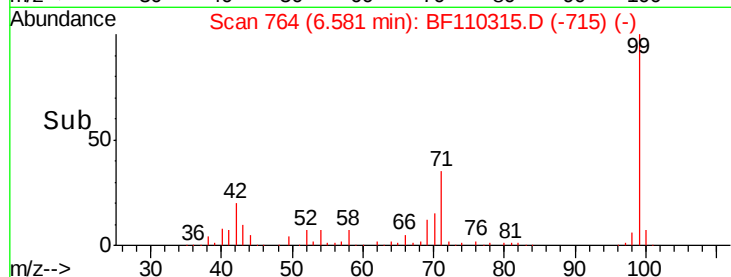
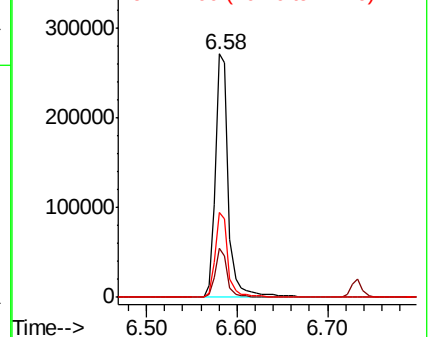
99 100

42 20.0 15.8 23.6

71 34.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF110315.D

Acq: 30 Oct 2018 20:45

Tgt Ion: 136 Resp: 509824

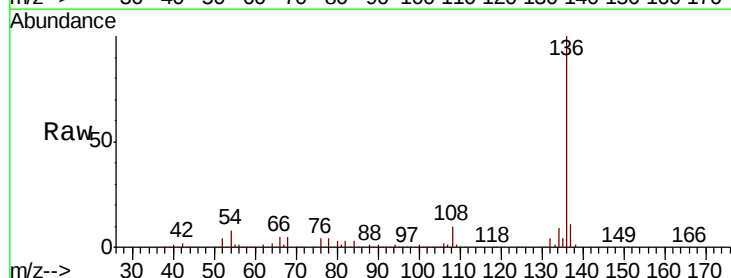
Ion Ratio Lower Upper

136 100

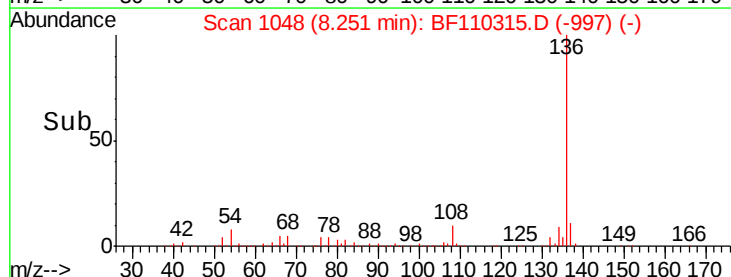
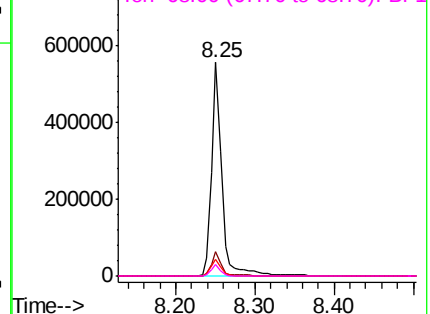
137 11.2 8.8 13.2

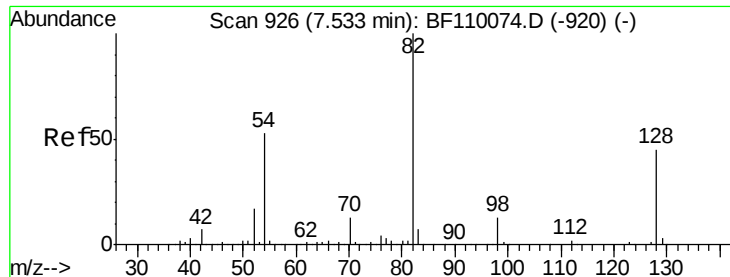
54 8.1 5.4 8.2

68 5.2 4.2 6.2



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

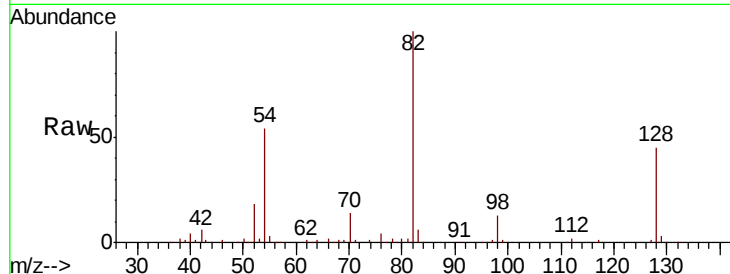




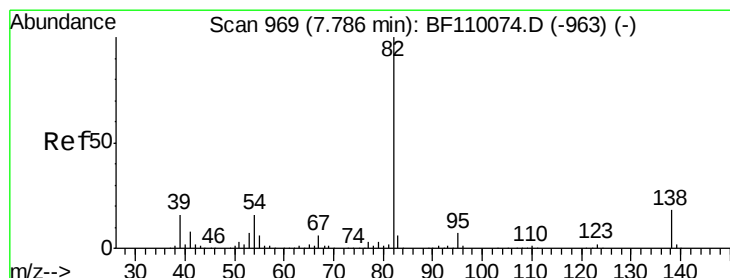
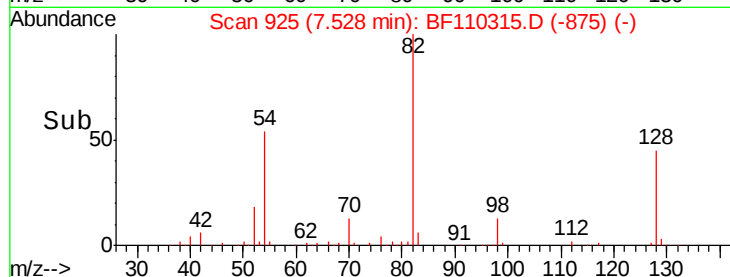
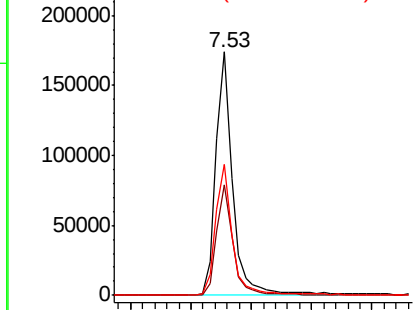
#23
Nitrobenzene-d5
Concen: 19.443 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

Instrument :
BNA_F
ClientSampled :
SB-1

Tgt Ion: 82 Resp: 167121
Ion Ratio Lower Upper
82 100
128 45.5 34.2 51.2
54 53.6 38.6 58.0

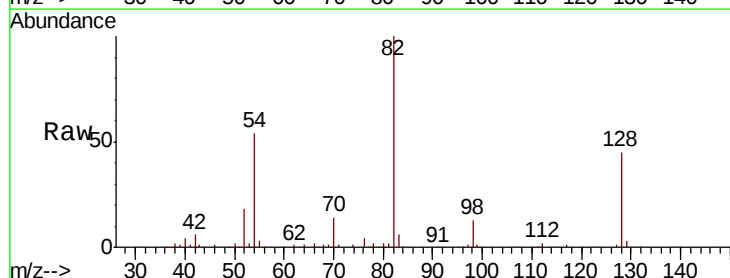


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

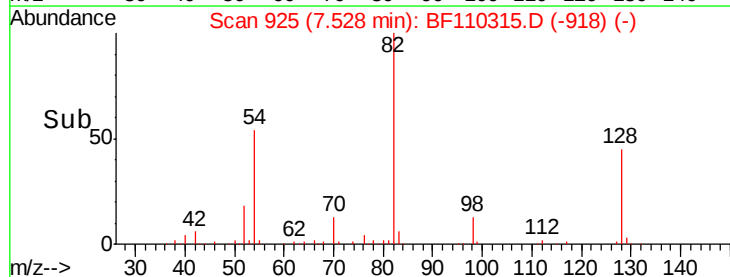
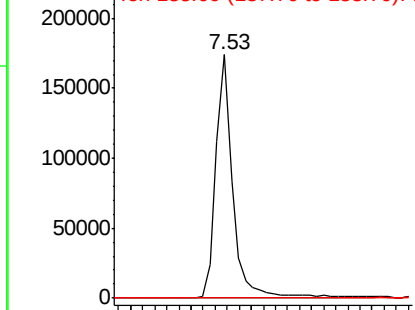


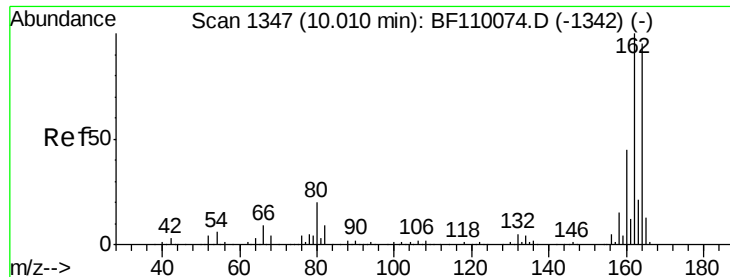
#25
Isophorone
Concen: 11.406 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

Tgt Ion: 82 Resp: 167121
Ion Ratio Lower Upper
82 100
95 0.4 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

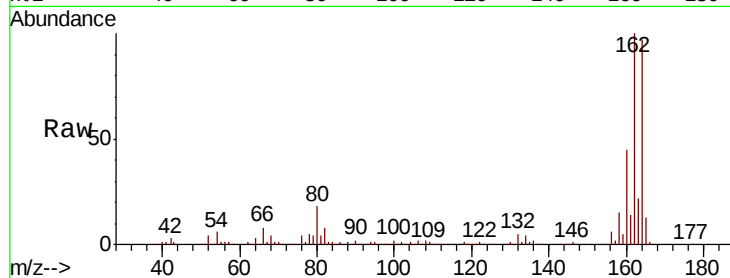




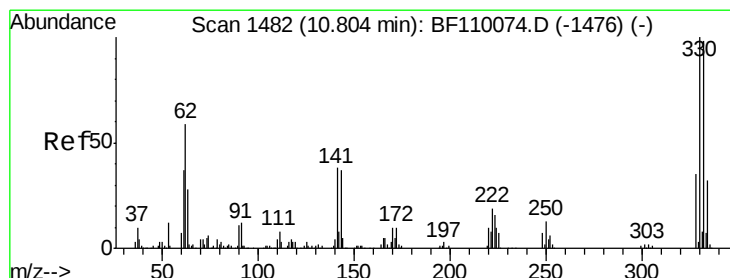
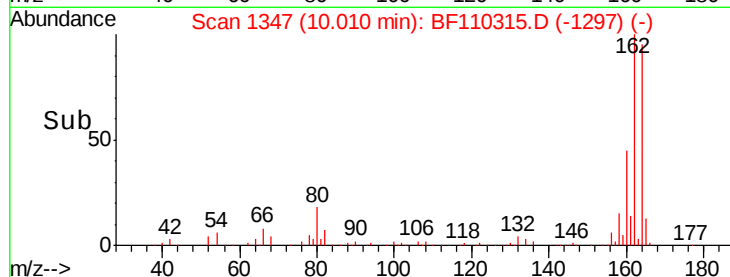
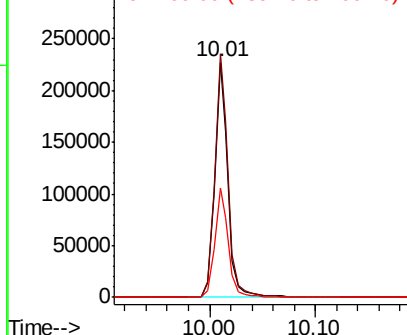
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:164 Resp: 200583
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 46.4 37.0 55.6

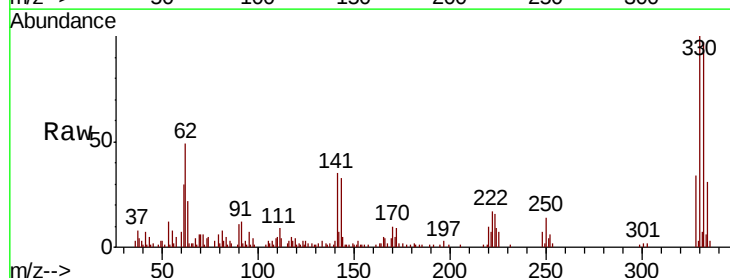


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

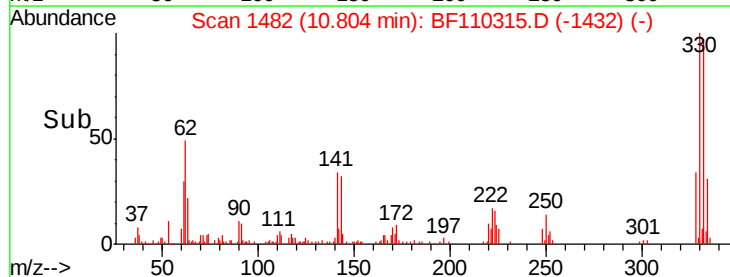
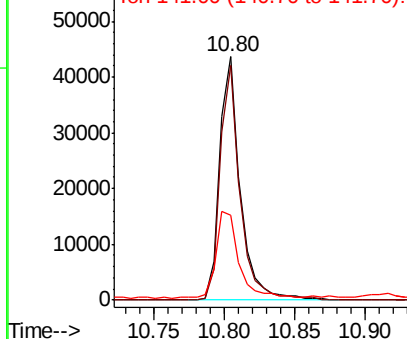


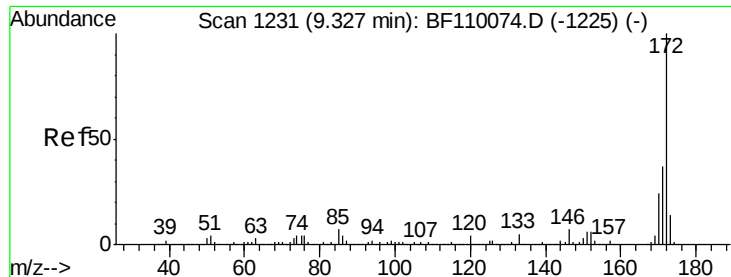
#42
2,4,6-Tribromophenol
Concen: 22.290 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

Tgt Ion:330 Resp: 44289
Ion Ratio Lower Upper
330 100
332 93.9 77.1 115.7
141 37.8 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

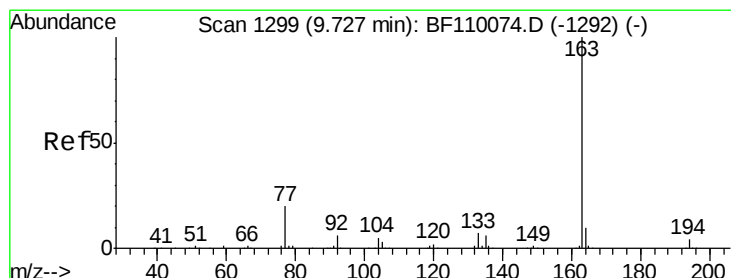
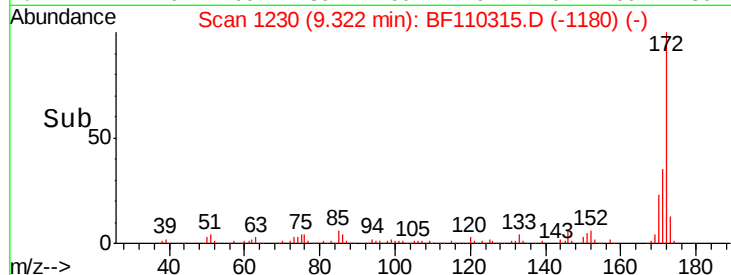
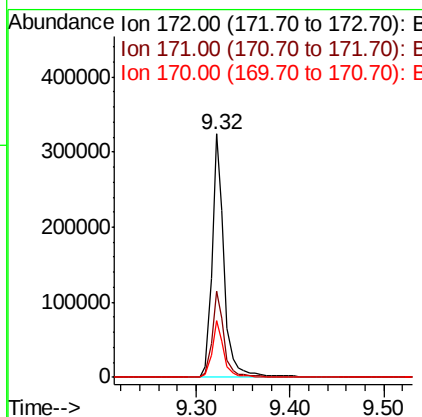
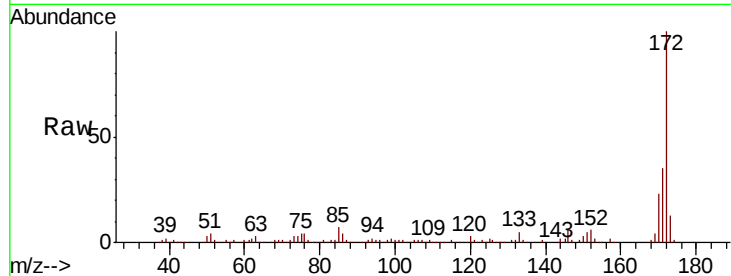




#45
2-Fluorobiphenyl
Concen: 23.228 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

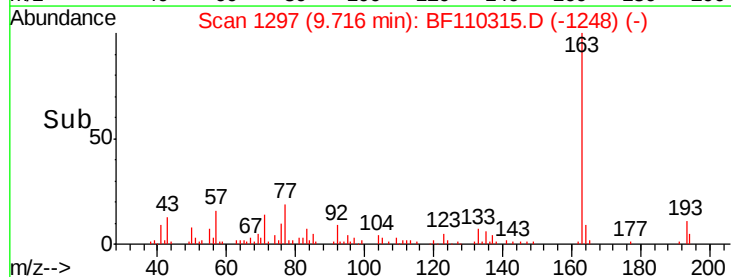
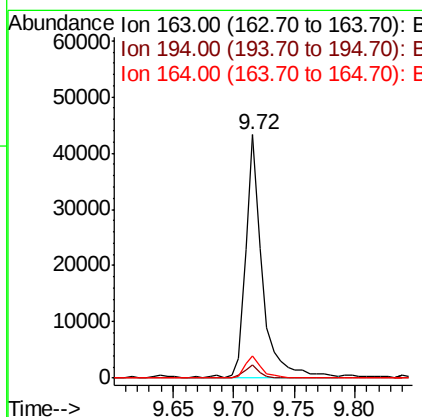
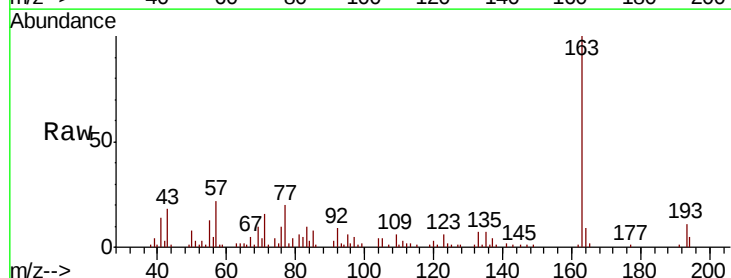
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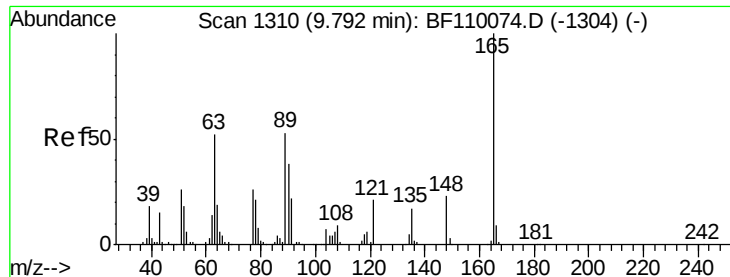
Tgt Ion:172 Resp: 296710
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.1 19.7 29.5



#50
Dimethylphthalate
Concen: 2.841 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110315.D
Acq: 30 Oct 2018 20:45

Tgt Ion:163 Resp: 42062
Ion Ratio Lower Upper
163 100
194 5.2 3.2 4.8#
164 9.3 8.1 12.1

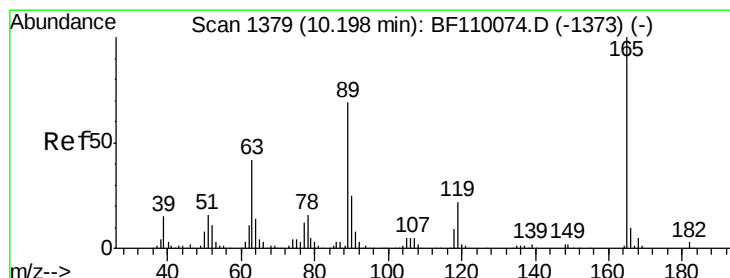
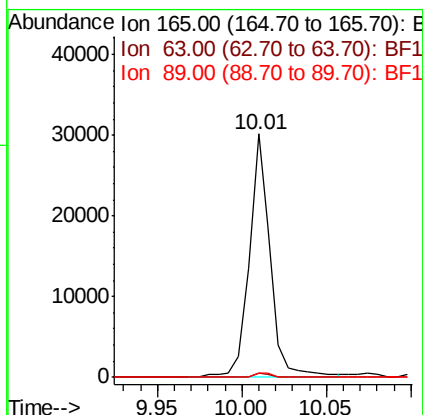
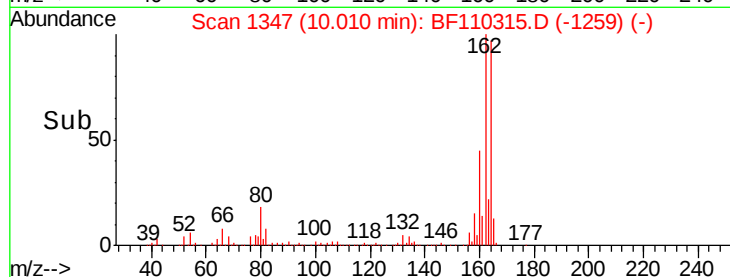
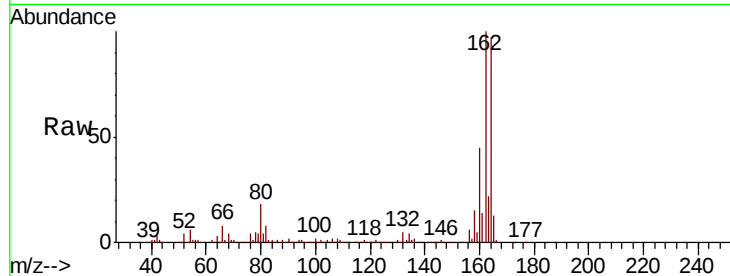




#51
 2,6-Dinitrotoluene
 Concen: 8.215 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.22 min
 Lab File: BF110315.D
 Acq: 30 Oct 2018 20:45

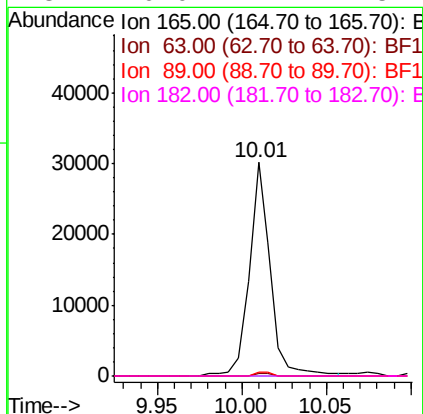
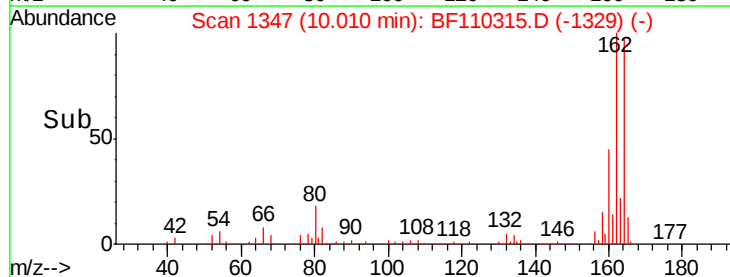
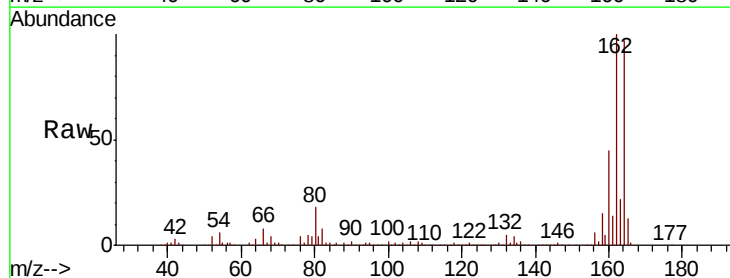
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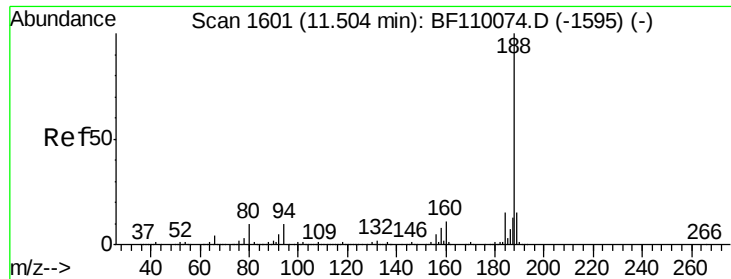
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.8	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.468 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF110315.D
 Acq: 30 Oct 2018 20:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110315.D

Acq: 30 Oct 2018 20:45

Instrument :

BNA_F

ClientSampleId :

SB-1

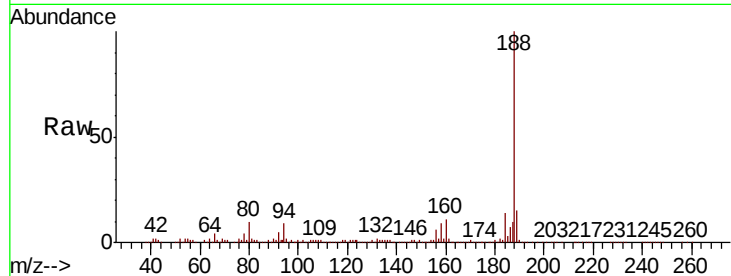
Tgt Ion:188 Resp: 320123

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

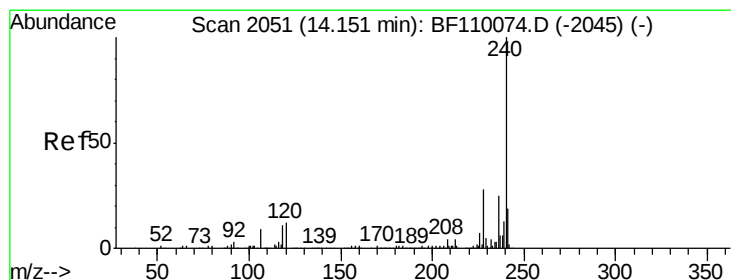
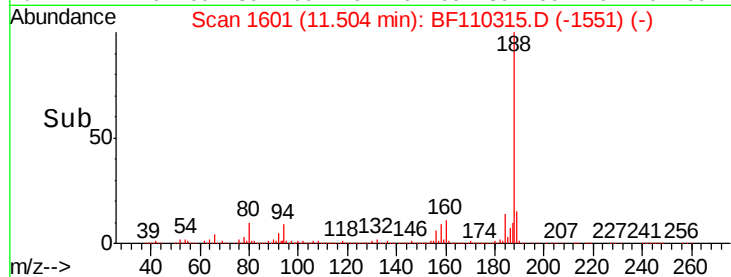
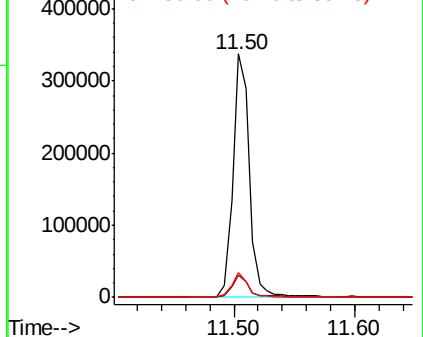
80 10.3 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF110315.D

Acq: 30 Oct 2018 20:45

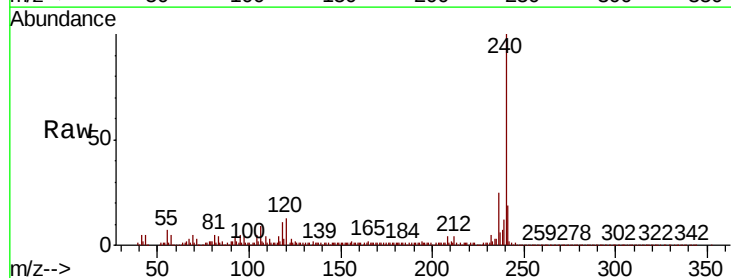
Tgt Ion:240 Resp: 271855

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

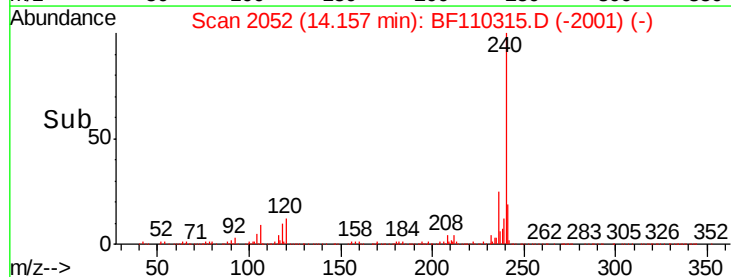
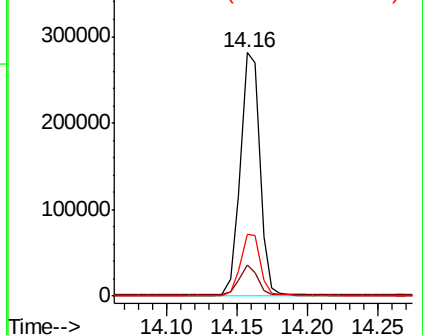
236 25.4 21.2 31.8

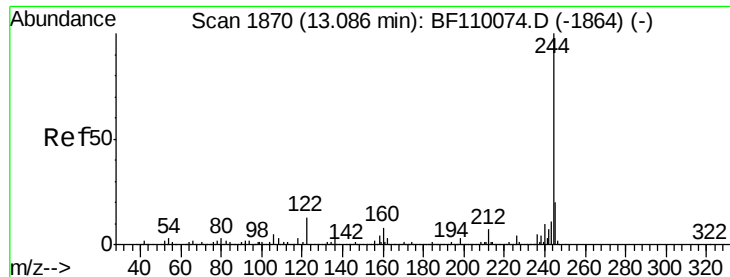


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 16.925 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110315.D

Acq: 30 Oct 2018 20:45

Instrument :

BNA_F

ClientSampleId :

SB-1

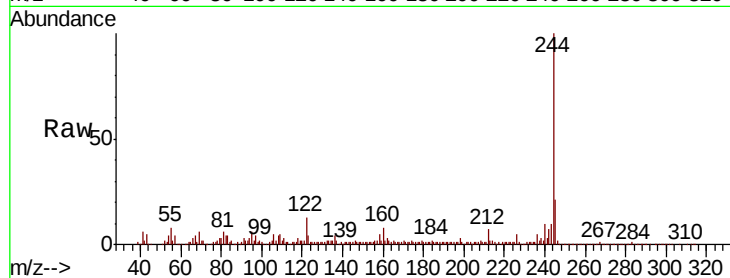
Tgt Ion:244 Resp: 221238

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

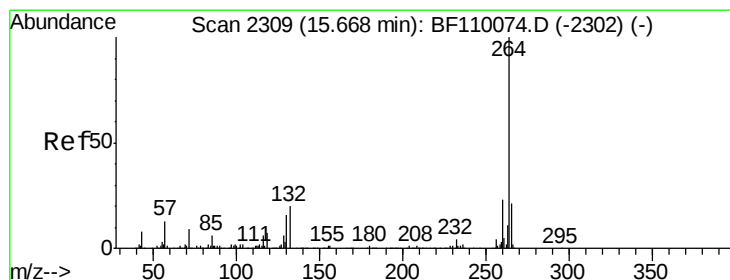
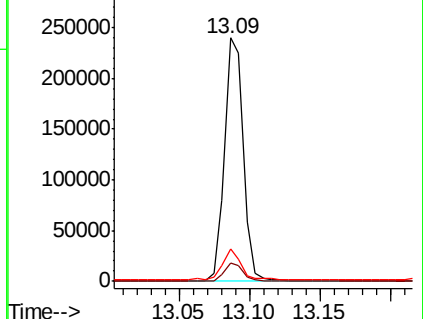
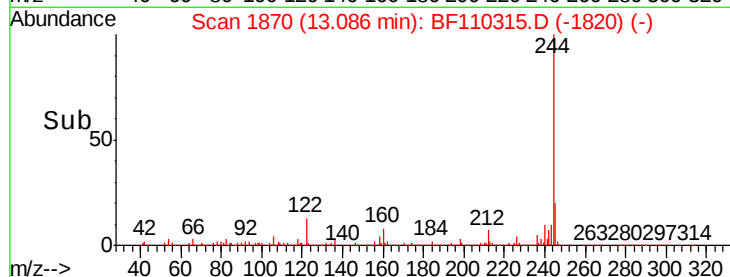
122 13.4 8.7 13.1#



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: 15.70 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BF110315.D

Acq: 30 Oct 2018 20:45

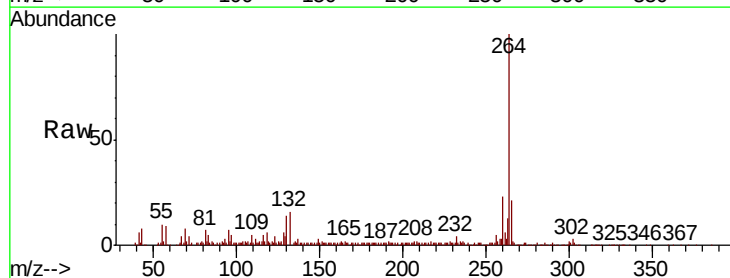
Tgt Ion:264 Resp: 204656

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.2 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

