

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
 Data File : BF108074.D
 Acq On : 10 Aug 2018 2:02
 Operator : JU/SJ
 Sample : J4380-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Aug 10 03:48:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	287102	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1029963	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	478255	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	805094	20.00	ng	0.00
75) Chrysene-d12	14.21	240	723184	20.00	ng	0.00
86) Perylene-d12	15.77	264	525908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	933788	58.88	ng	0.00
7) Phenol-d6	6.62	99	759762	36.05	ng	0.00
23) Nitrobenzene-d5	7.58	82	1856085	100.56	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	615059	128.93	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2939462	98.68	ng	0.00
78) Terphenyl-d14	13.15	244	2913964	102.45	ng	0.00

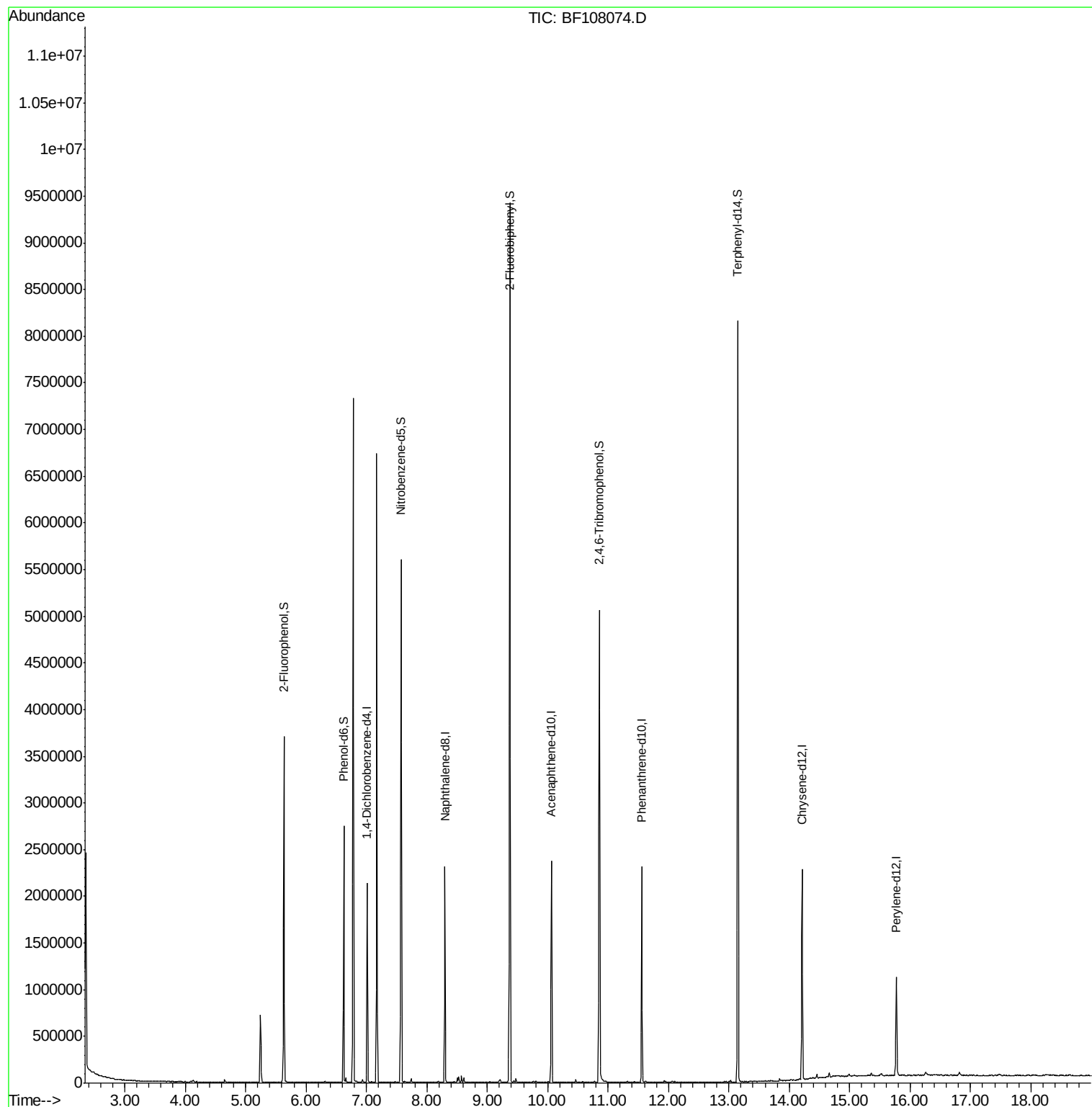
Target Compounds Qvalue

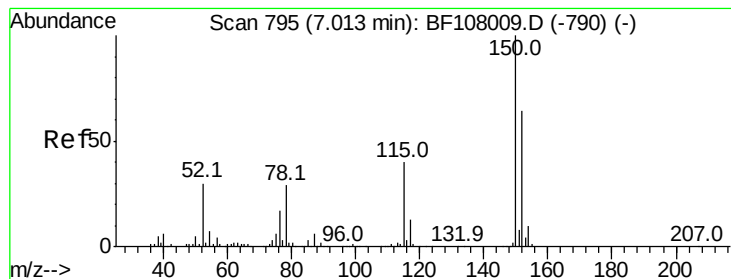
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.01 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

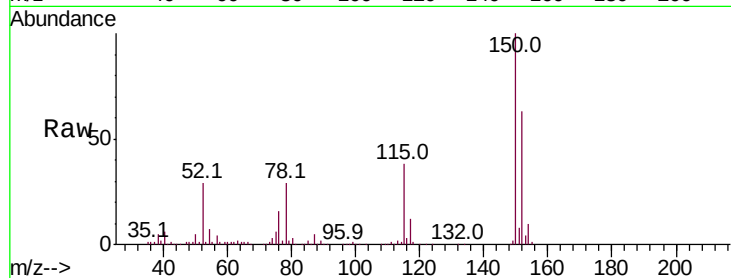
Tot Ion:152 Resp: 287102

Ion Ratio Lower Upper

152 100

150 159.1 124.6 186.8

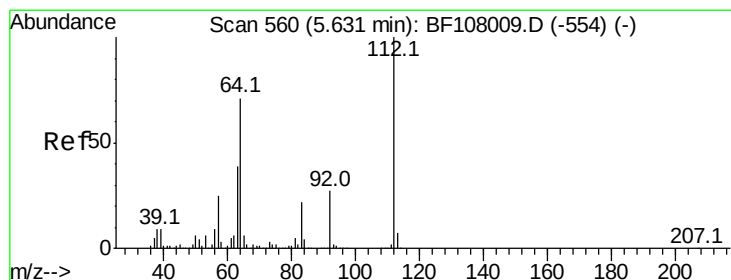
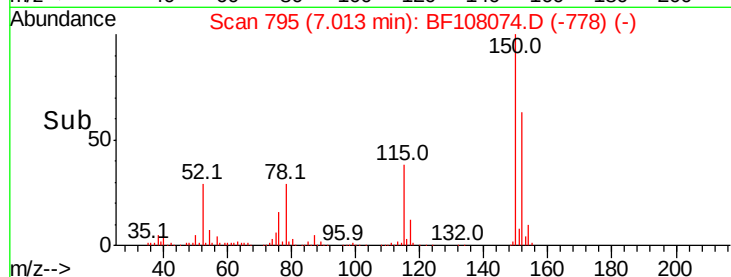
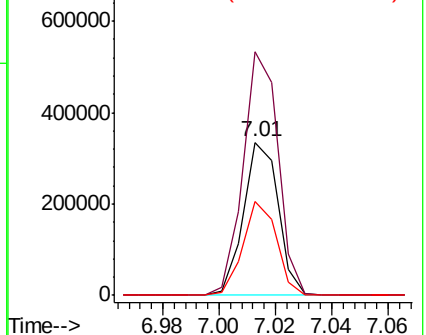
115 61.0 50.1 75.1



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: 58.884 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

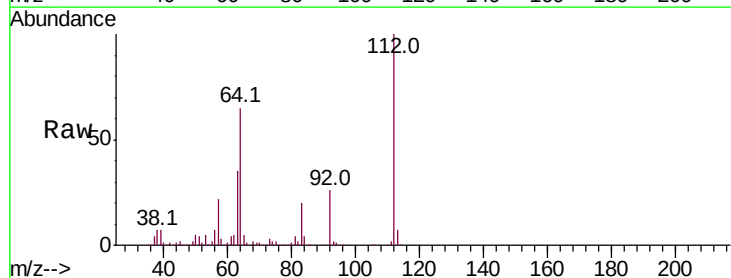
Tgt Ion:112 Resp: 933788

Ion Ratio Lower Upper

112 100

64 65.2 47.9 71.9

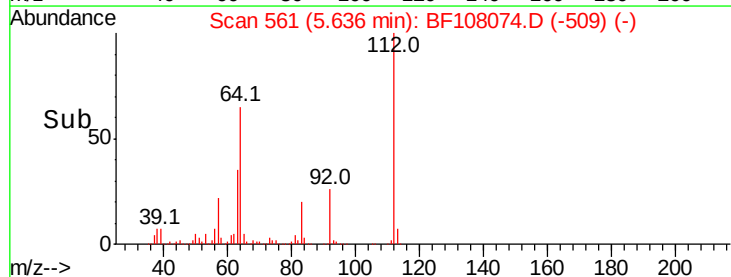
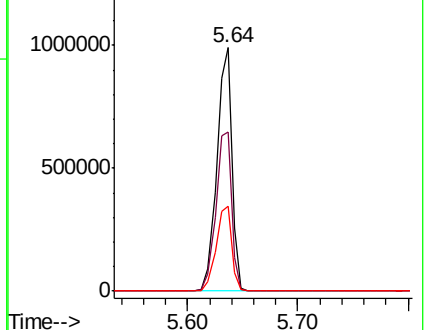
63 34.6 23.7 35.5

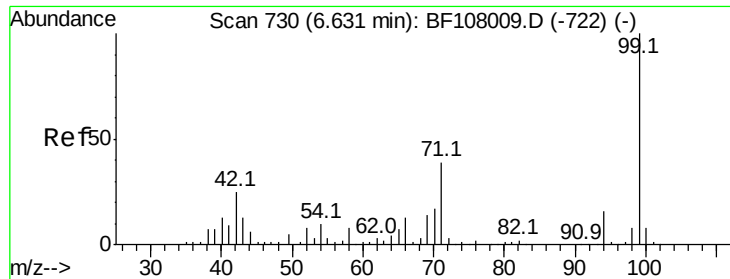


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 36.054 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

Instrument :

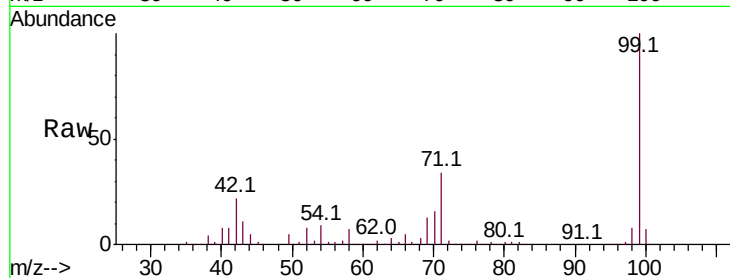
BNA_F

ClientSampleId :

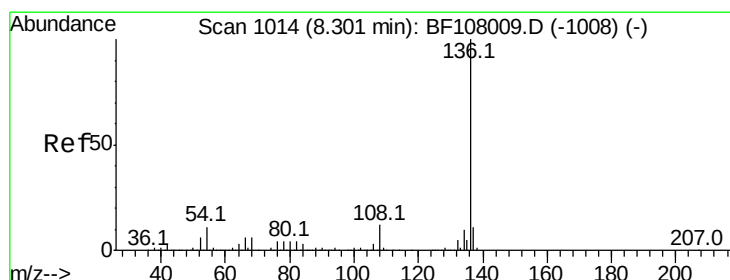
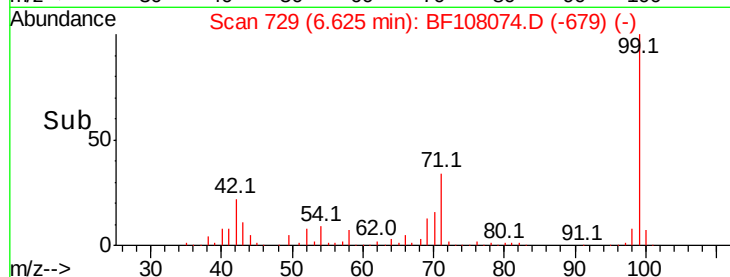
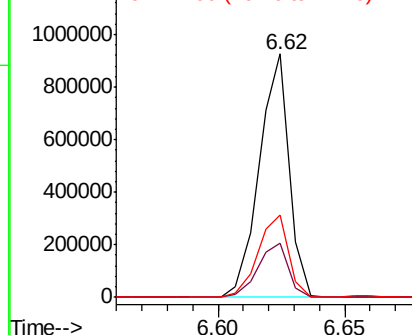
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Tot Ion: 99 Resp: 759762

Ion	Ratio	Lower	Upper
99	100		
42	22.1	14.5	21.7#
71	33.9	25.4	38.0



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: 8.30 min Scan# 1014

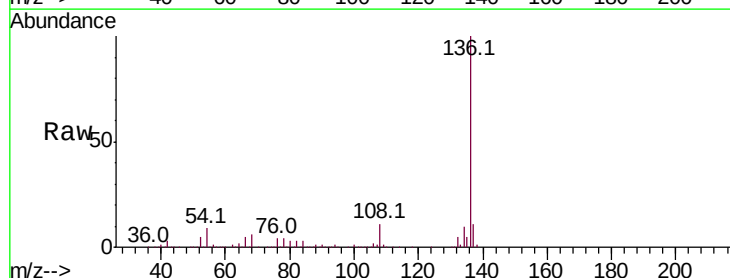
Delta R.T. -0.00 min

Lab File: BF108074.D

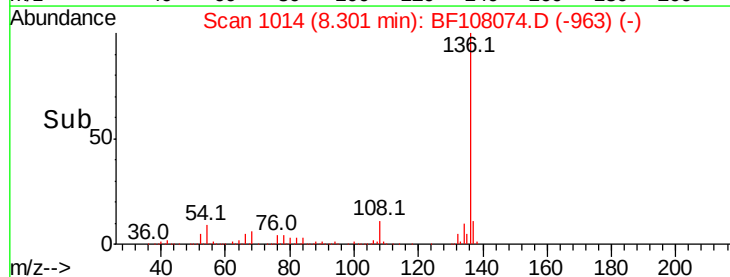
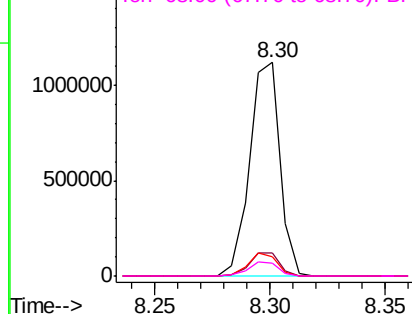
Acq: 10 Aug 2018 2:02

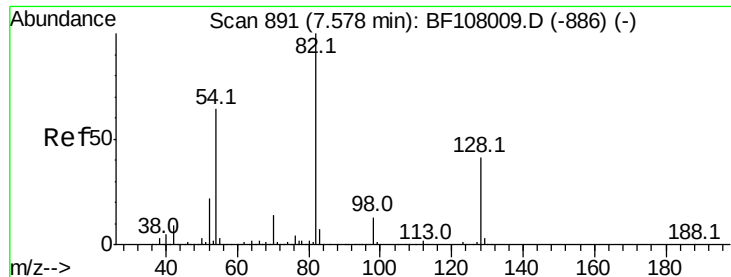
Tgt Ion: 136 Resp: 1029963

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.1	6.6	9.8
68	5.9	5.0	7.4



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

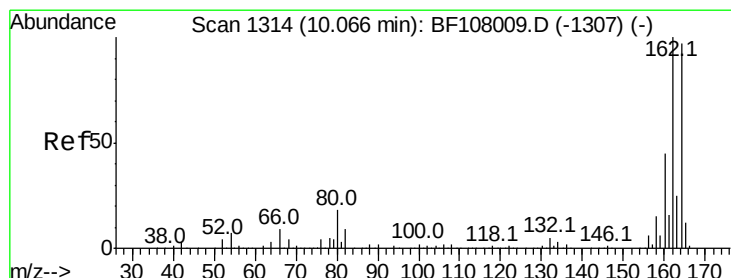
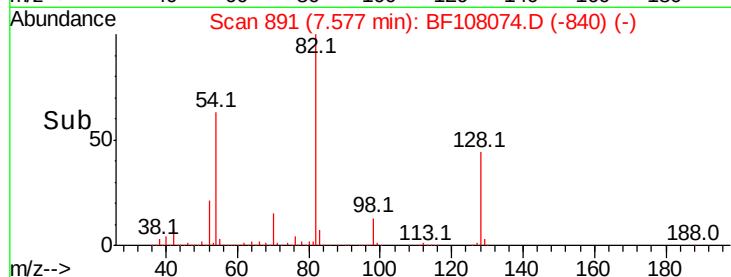
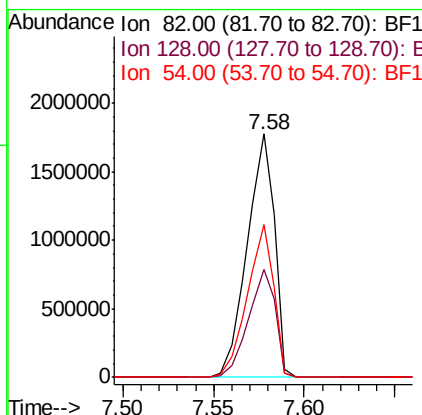
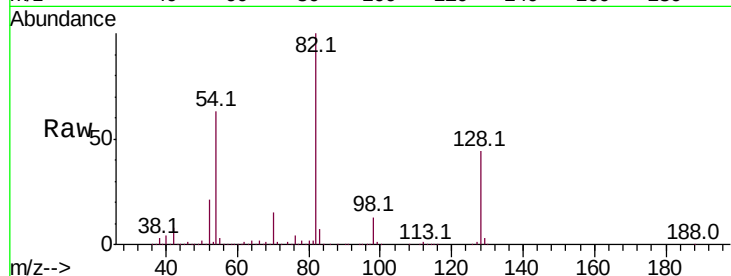




#23
 Nitrobenzene-d5
 Concen: 100.559 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

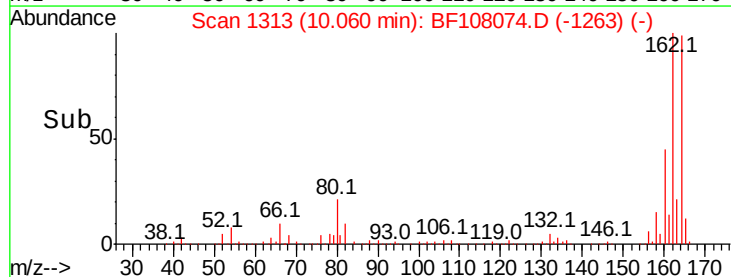
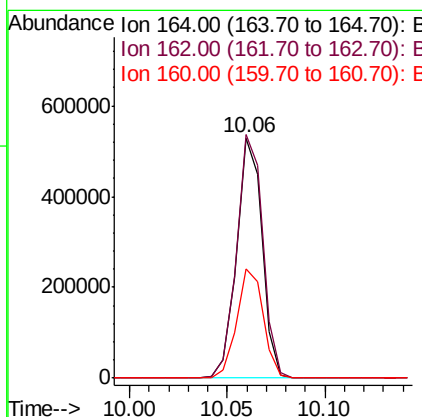
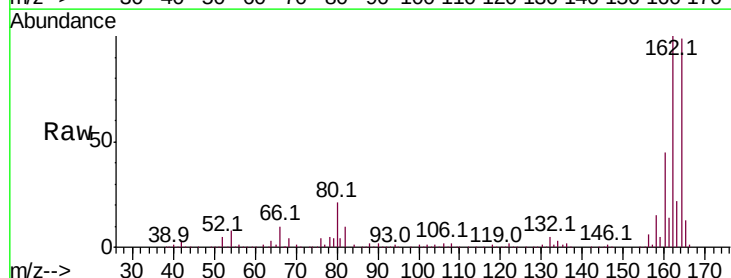
Instrument :
 BNA_F
 ClientSampleId :
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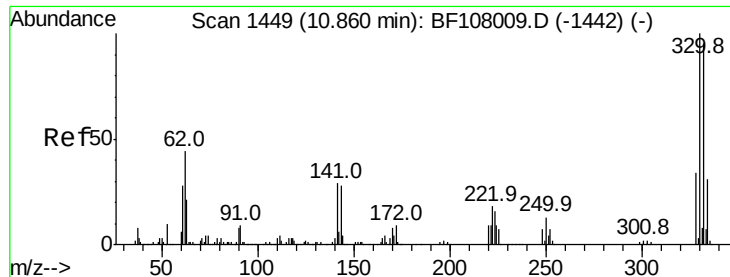
Tot Ion: 82 Resp: 1856085
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 62.5 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Tgt Ion:164 Resp: 478255
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 45.4 38.3 57.5

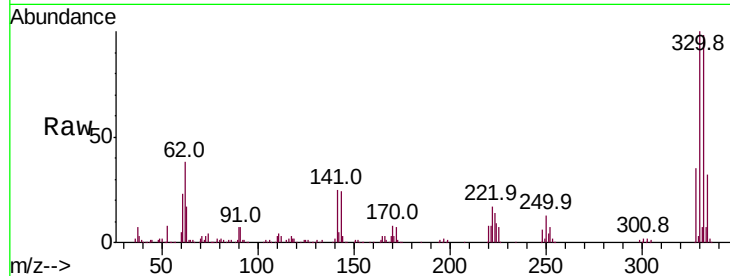




#41
 2,4,6-Tribromophenol
 Concen: 128.930 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	32.7	29.9	44.9

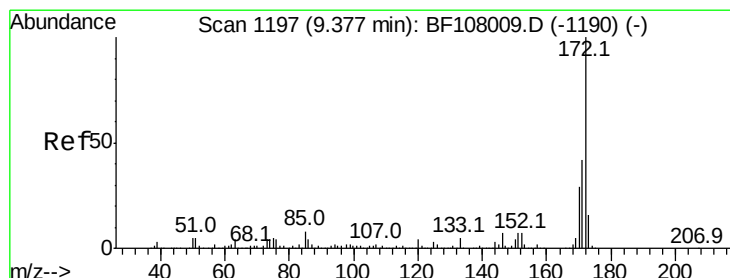
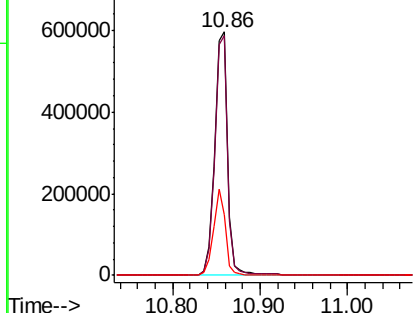
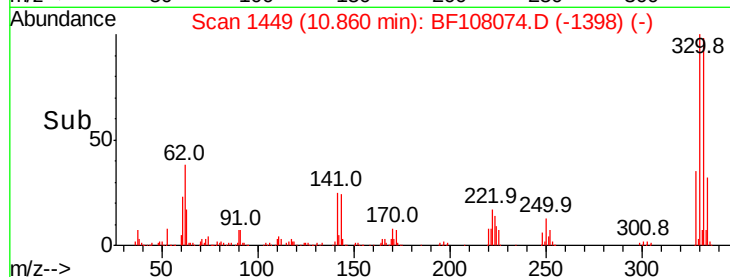


Abundance

Ion 329.80 (329.50 to 330.50): E

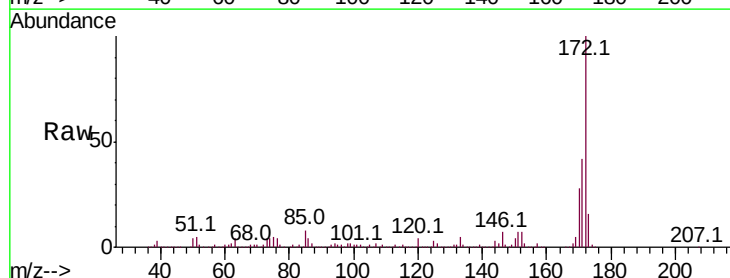
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.676 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.7	29.7	44.5
170	28.0	19.6	29.4

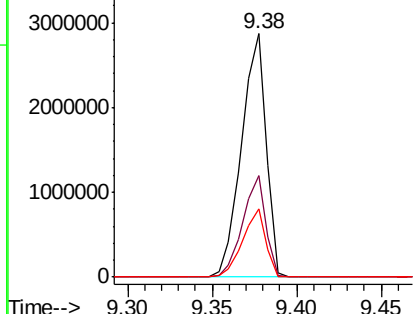
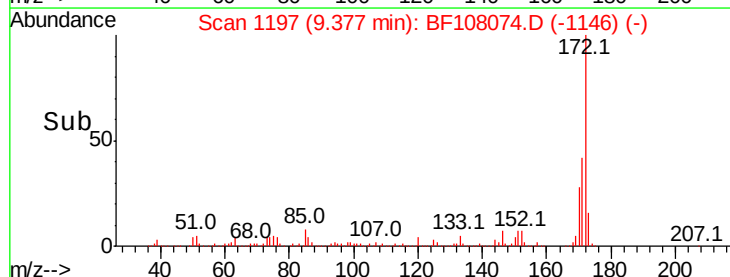


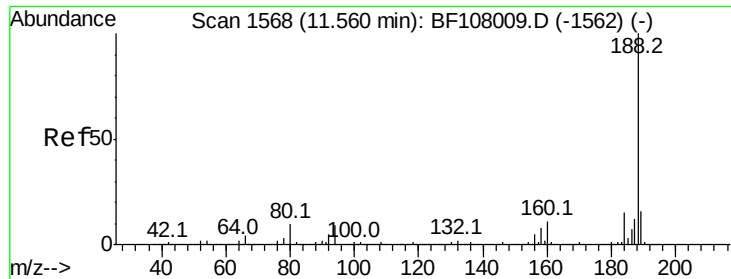
Abundance

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

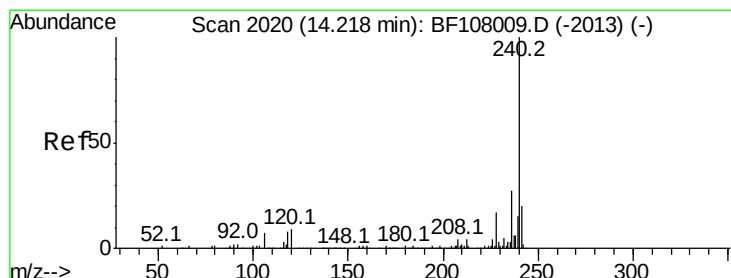
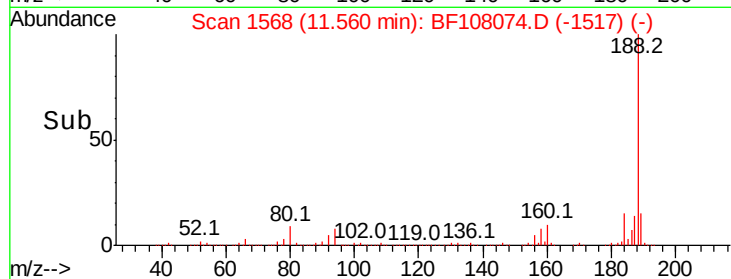
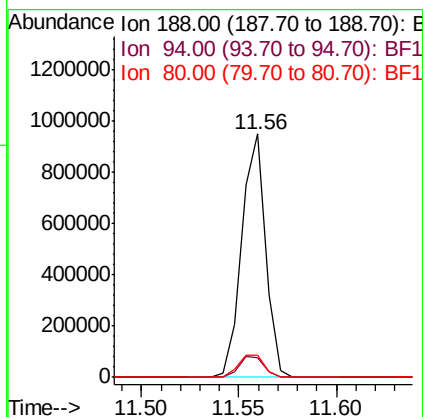
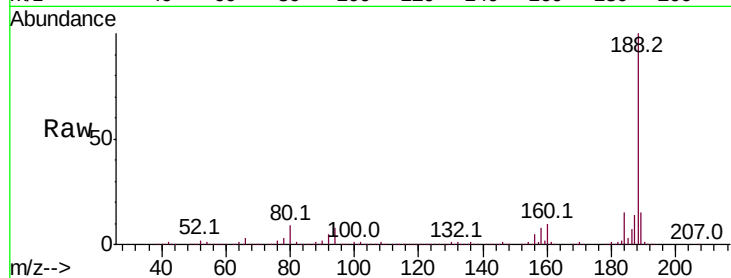




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

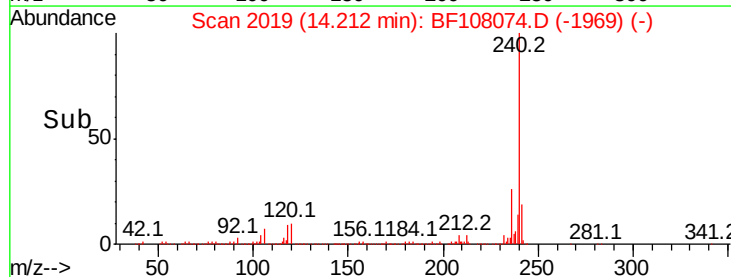
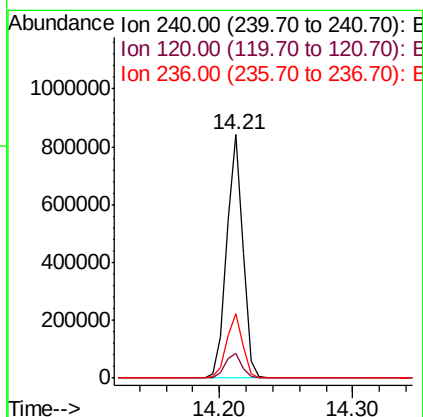
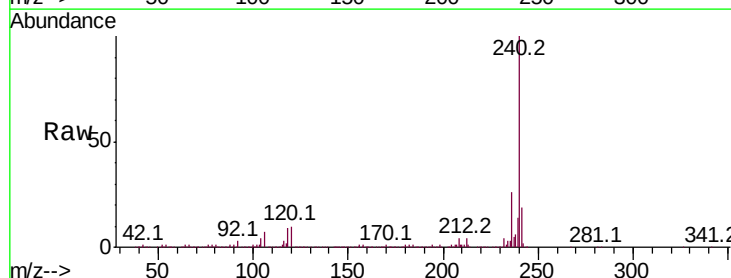
Instrument :
 BNA_F
 ClientSampleId :
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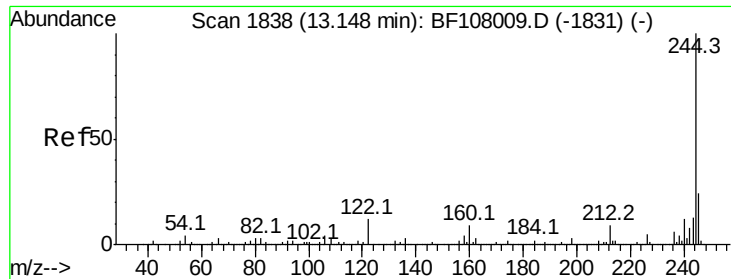
Tot Ion:188 Resp: 805094
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 8.9 9.2 13.8#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Tgt Ion:240 Resp: 723184
 Ion Ratio Lower Upper
 240 100
 120 10.0 9.5 14.3
 236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 102.449 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

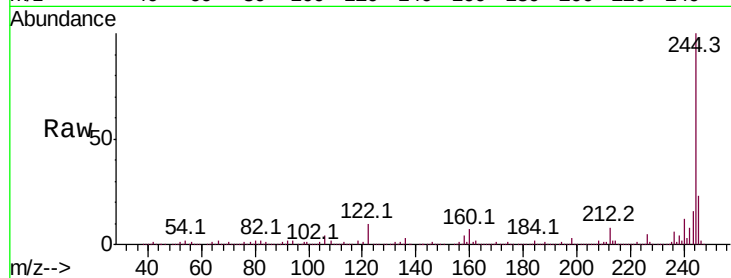
Tot Ion:244 Resp: 2913964

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

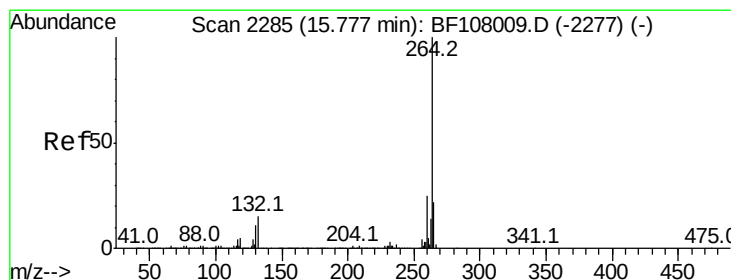
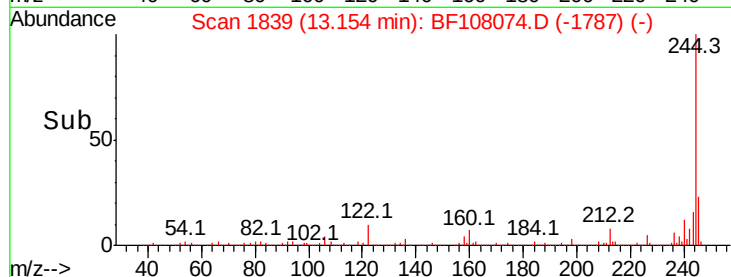
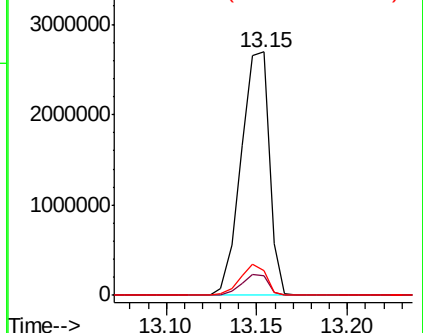
122 10.3 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

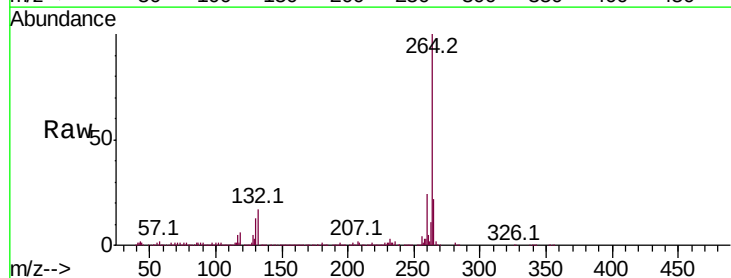
Tgt Ion:264 Resp: 525908

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.4 17.5 26.3



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

