

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104619.D
 Acq On : 19 Apr 2018 9:53
 Operator : JU/SJ
 Sample : J2387-10
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180238-FIELD-BLANK

Quant Time: Apr 19 15:05:15 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140565	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	579667	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	271460	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	500724	20.00	ng	0.00
75) Chrysene-d12	13.97	240	430468	20.00	ng	-0.01
86) Perylene-d12	15.44	264	379966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	567923	61.78	ng	0.00
7) Phenol-d6	6.43	99	441744	39.11	ng	-0.01
23) Nitrobenzene-d5	7.37	82	943662	106.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	392690	139.45	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1508536	87.79	ng	0.00
78) Terphenyl-d14	12.93	244	1634613	86.57	ng	0.00

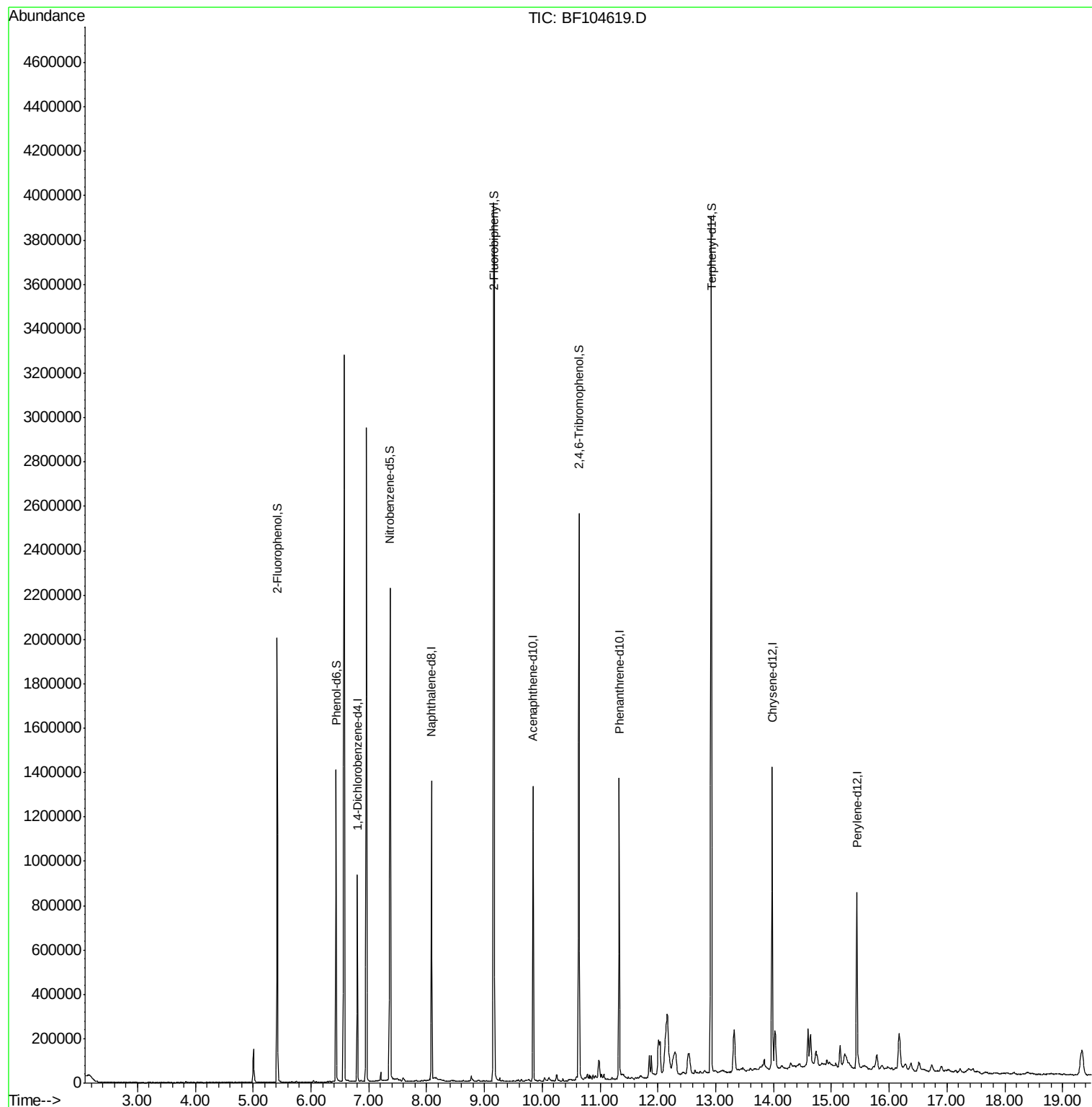
Target Compounds Qvalue

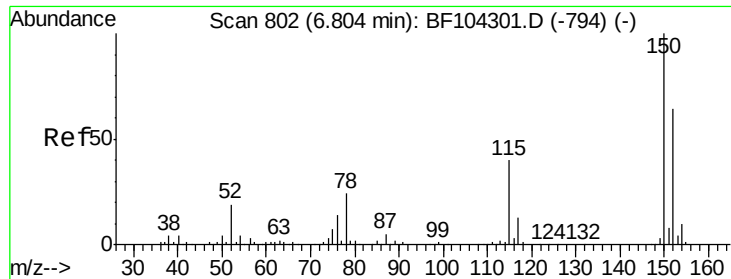
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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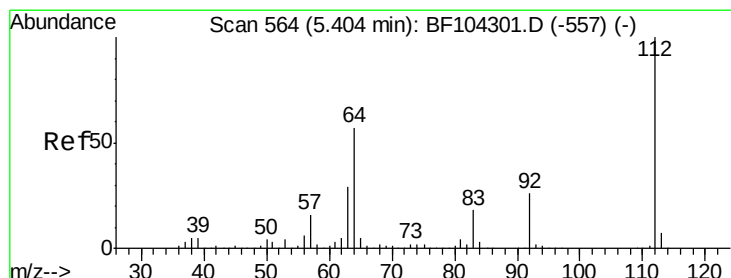
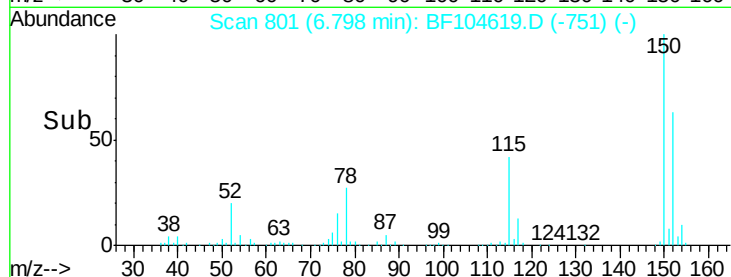
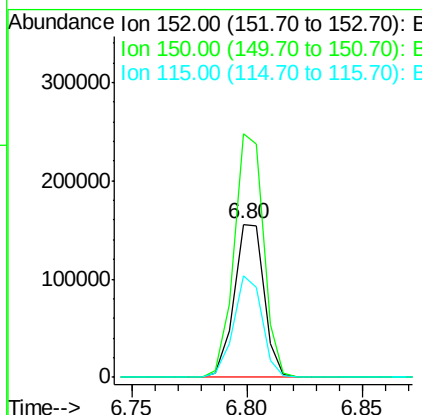
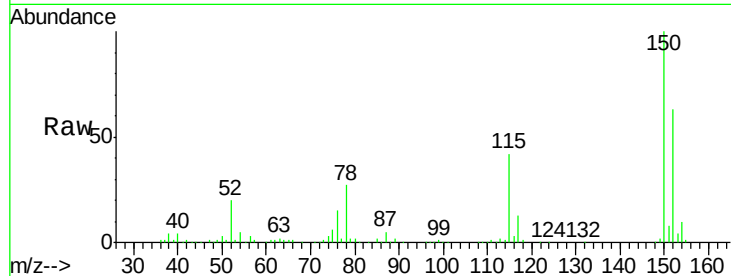




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF104619.D
 Acq: 19 Apr 2018 9:53

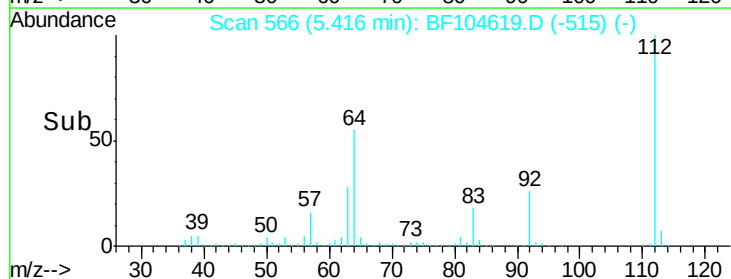
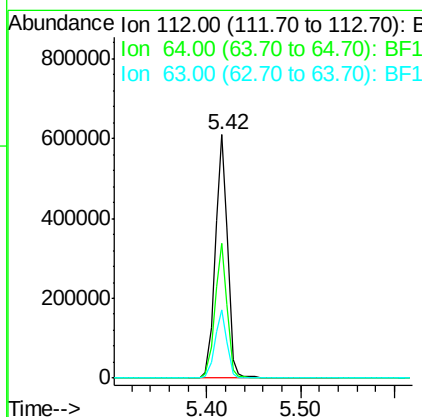
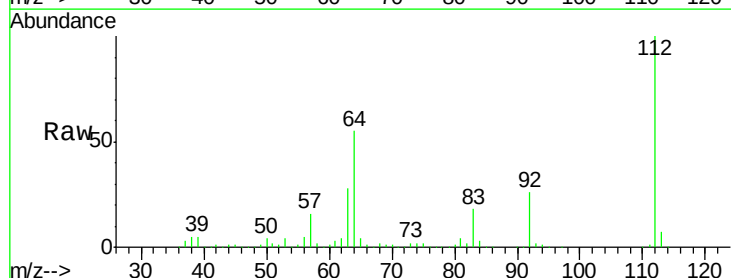
Instrument :
 BNA_F
 ClientSampleId :
 20180238-FIELD-BLANK

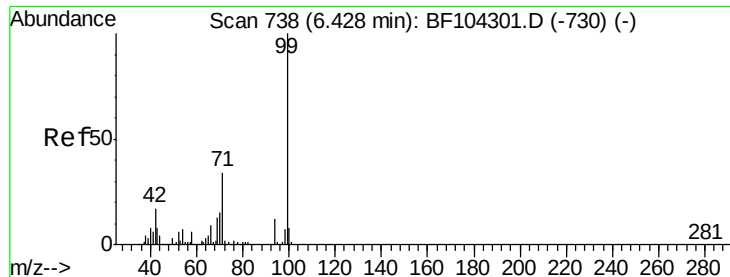
Tot Ion:152 Resp: 140565
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.6 186.8
 115 66.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 61.778 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF104619.D
 Acq: 19 Apr 2018 9:53

Tgt Ion:112 Resp: 567923
 Ion Ratio Lower Upper
 112 100
 64 55.4 47.9 71.9
 63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 39.109 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104619.D

Acq: 19 Apr 2018 9:53

Instrument :

BNA_F

ClientSampleId :

20180238-FIELD-BLANK

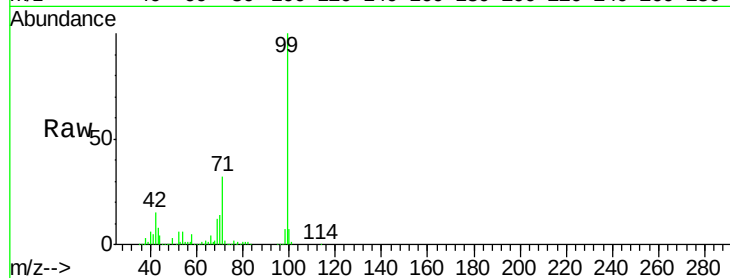
Tot Ion: 99 Resp: 441744

Ion Ratio Lower Upper

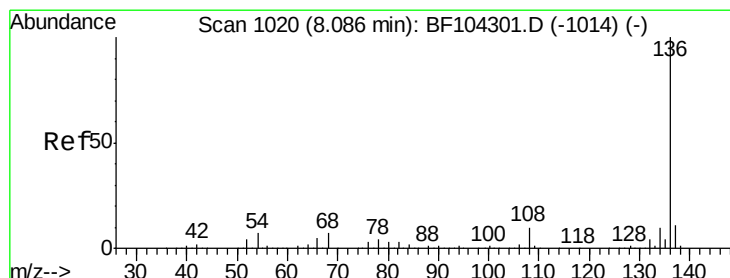
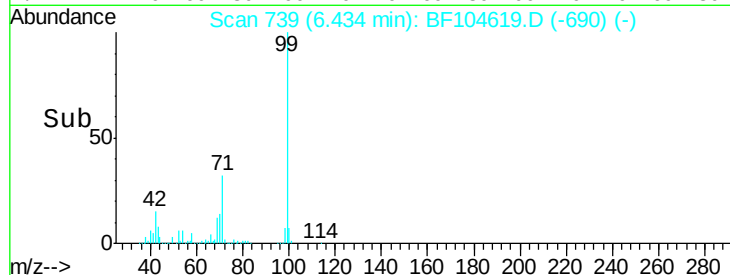
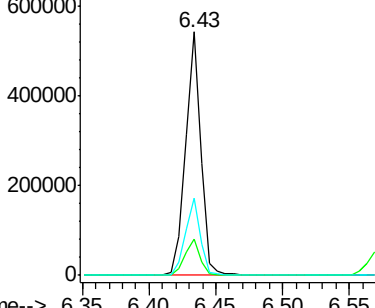
99 100

42 15.1 14.5 21.7

71 31.9 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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104619.D

Acq: 19 Apr 2018 9:53

Tgt Ion: 136 Resp: 579667

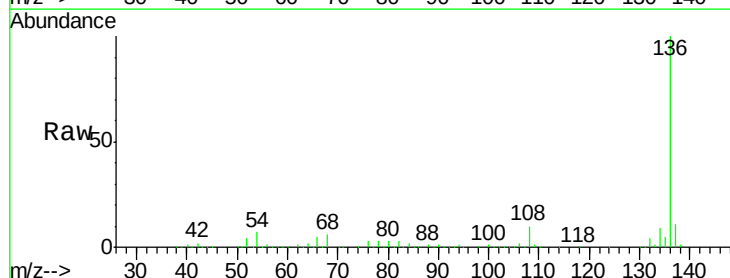
Ion Ratio Lower Upper

136 100

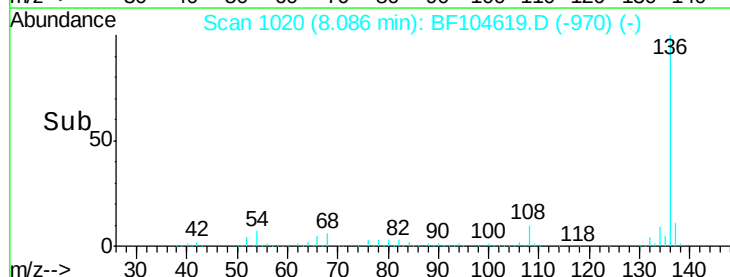
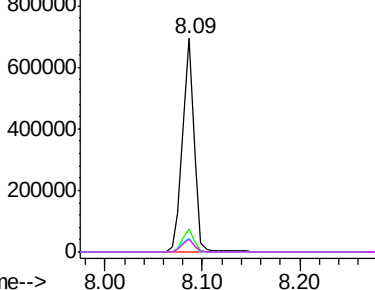
137 11.0 8.9 13.3

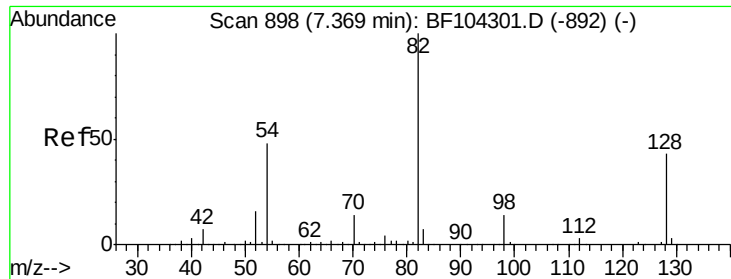
54 6.7 6.6 9.8

68 6.1 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

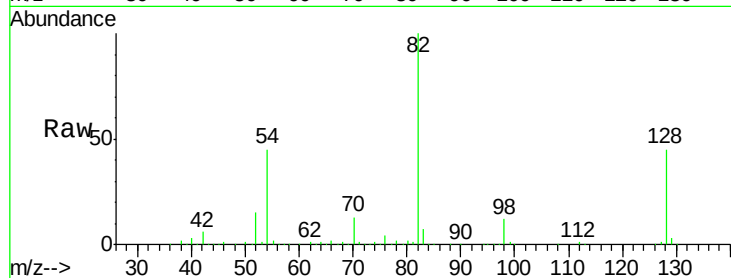




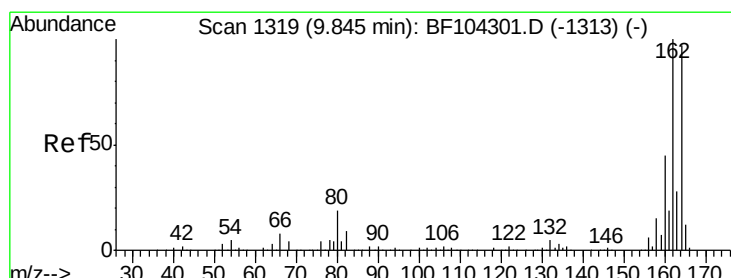
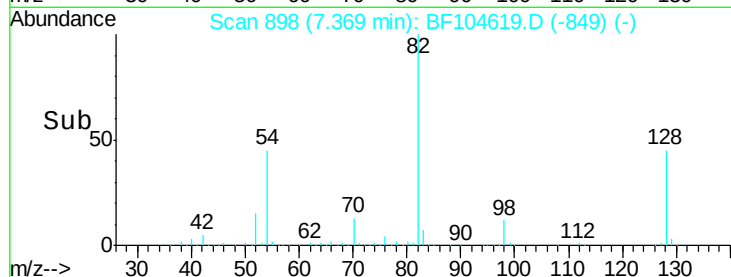
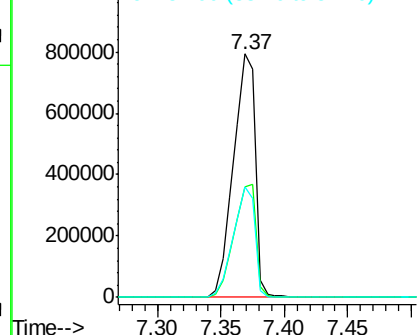
#23
Nitrobenzene-d5
Concen: 106.301 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104619.D
Acq: 19 Apr 2018 9:53

Instrument :
BNA_F
ClientSampleId :
20180238-FIELD-BLANK

Tot Ion	82	Resp	943662
Ion Ratio	100	Lower	Upper
128	45.3	36.1	54.1
54	45.3	41.4	62.2

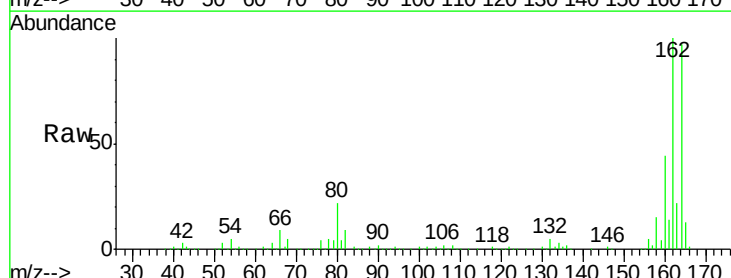


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

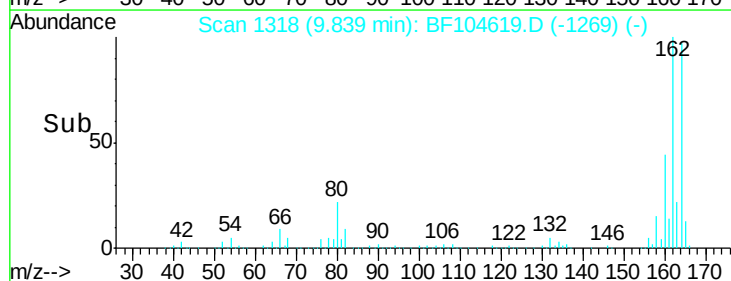
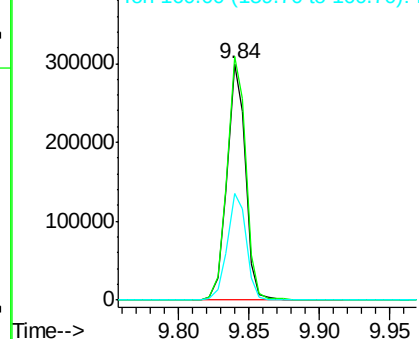


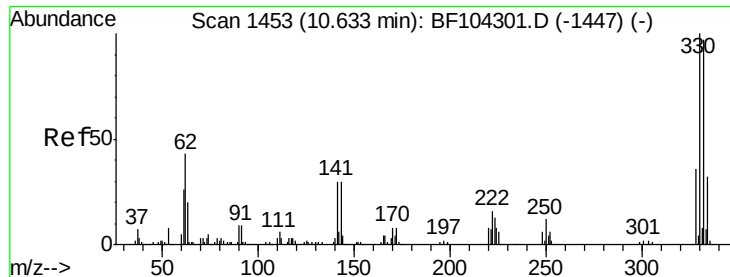
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104619.D
Acq: 19 Apr 2018 9:53

Tgt Ion	164	Resp	271460
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.1	86.1	129.1
160	45.2	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

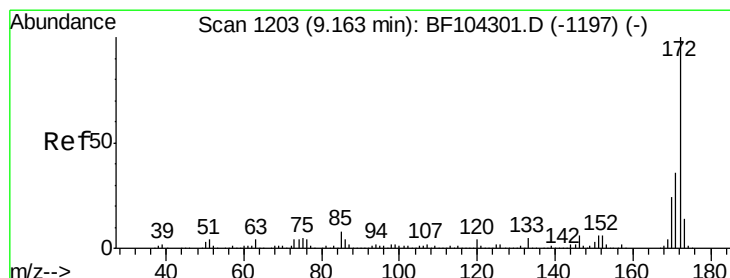
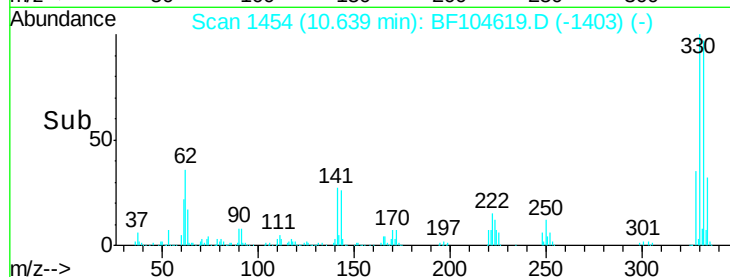
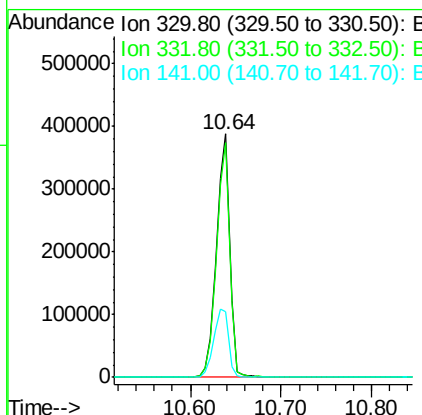
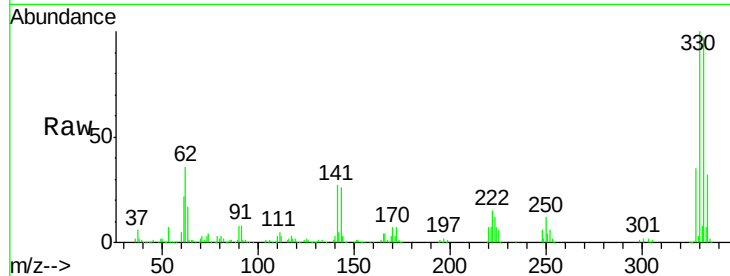




#41
 2,4,6-Tribromophenol
 Concen: 139.453 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104619.D
 Acq: 19 Apr 2018 9:53

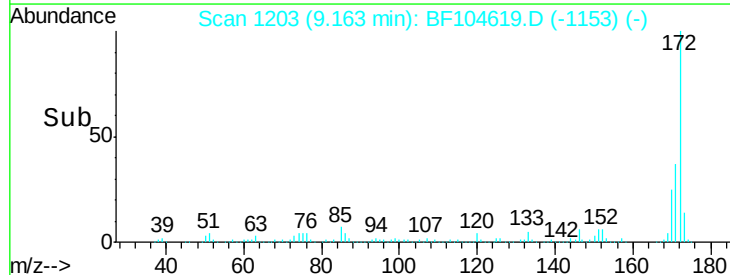
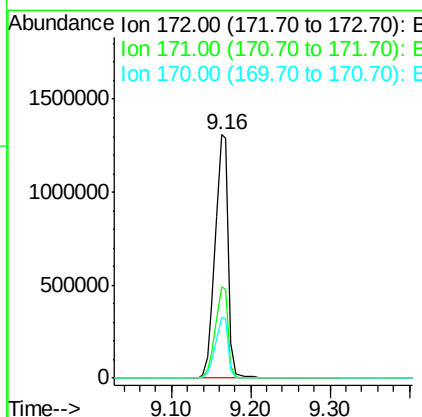
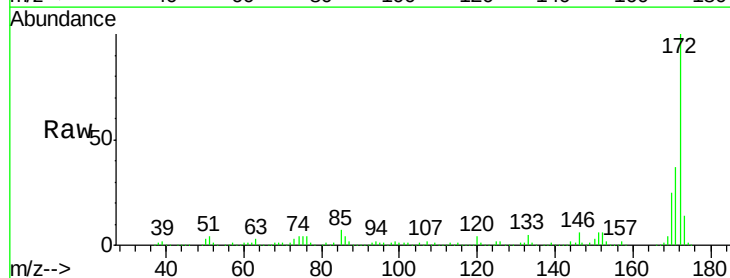
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 ClientSampleId :
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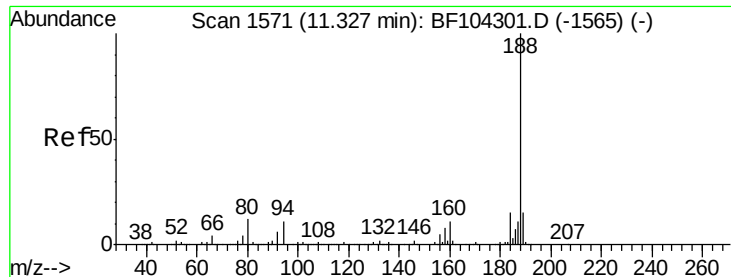
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	31.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 87.789 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104619.D
 Acq: 19 Apr 2018 9:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.7	44.5
170	24.8	19.6	29.4

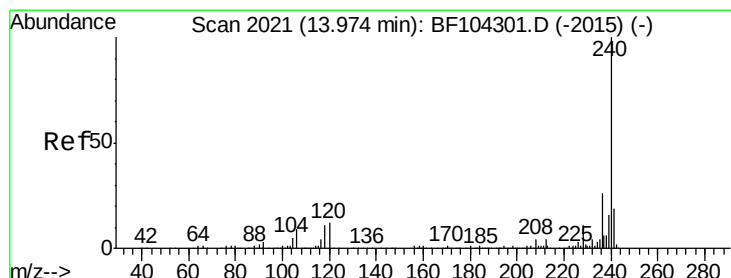
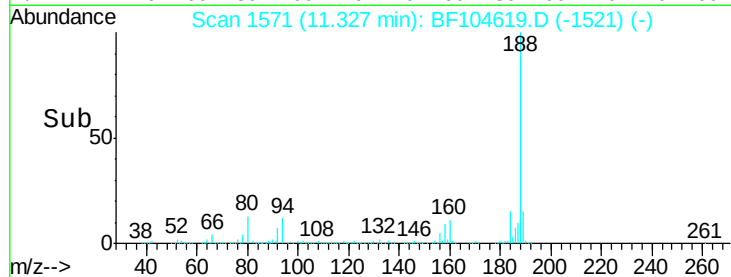
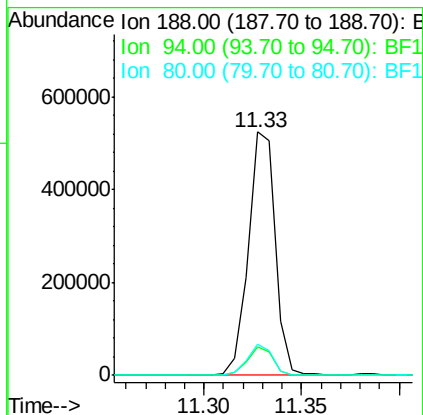
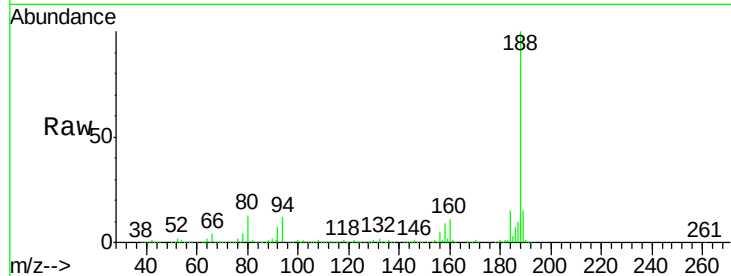




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104619.D
Acq: 19 Apr 2018 9:53

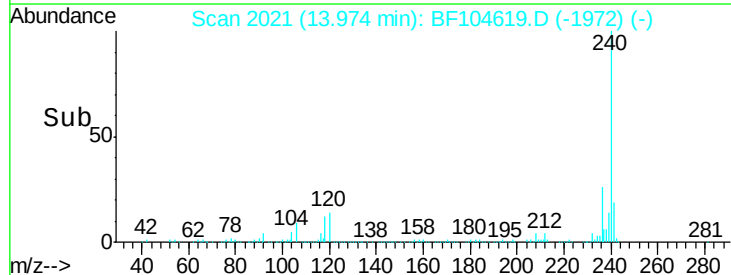
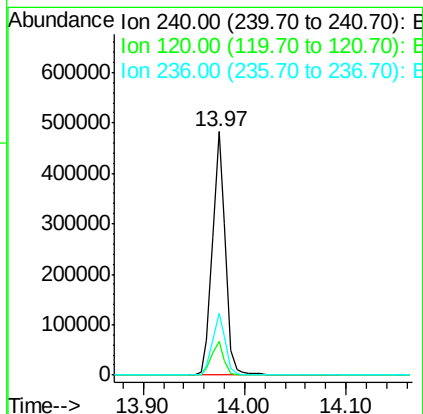
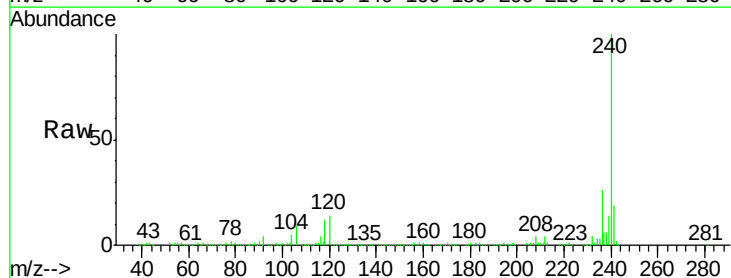
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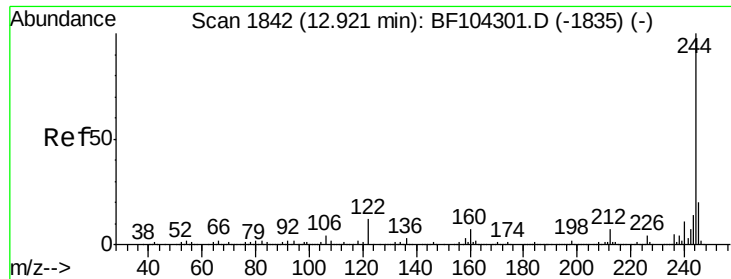
Tot Ion:188 Resp: 500724
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104619.D
Acq: 19 Apr 2018 9:53

Tgt Ion:240 Resp: 430468
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 86.572 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104619.D

Acq: 19 Apr 2018 9:53

Instrument :

BNA_F

ClientSampleId :

20180238-FIELD-BLANK

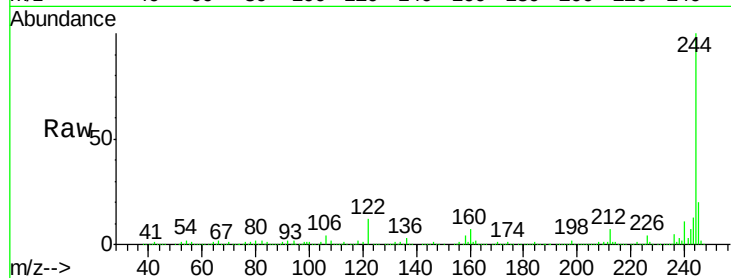
Tot Ion:244 Resp: 1634613

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

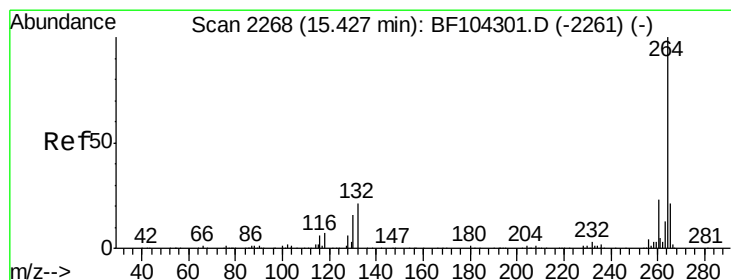
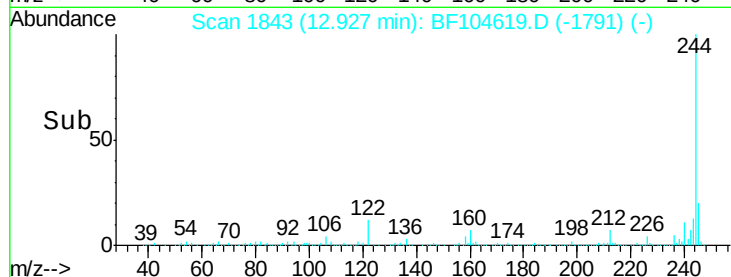
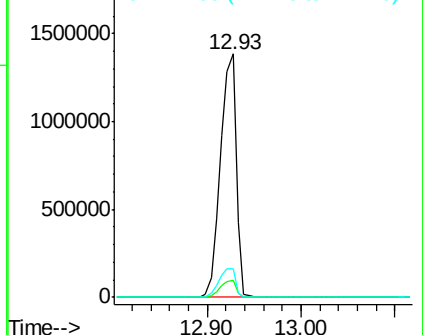
122 11.7 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF104619.D

Acq: 19 Apr 2018 9:53

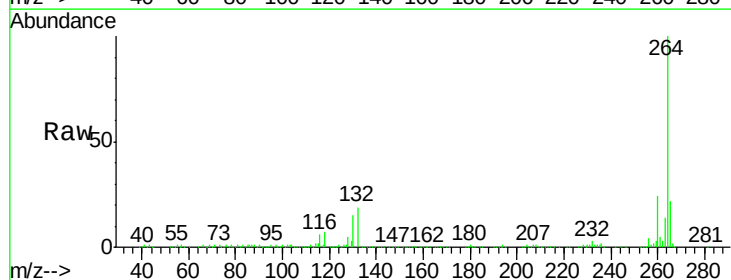
Tgt Ion:264 Resp: 379966

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.0 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

