

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
 Data File : BF111892.D
 Acq On : 7 Jan 2019 22:25
 Operator : JU/SJ
 Sample : K1034-04 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-WALL-1-4

Quant Time: Jan 08 04:36:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	151178	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	550631	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	216308	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	342668	20.00	ng	0.00
76) Chrysene-d12	14.05	240	371715	20.00	ng	0.00
87) Perylene-d12	15.53	264	400704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	55602	6.29	ng	0.00
7) Phenol-d6	6.52	99	90297	7.93	ng	-0.01
23) Nitrobenzene-d5	7.44	82	57474	5.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	12383	4.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	108776	7.33	ng	0.00
79) Terphenyl-d14	12.99	244	101431	5.18	ng	0.00

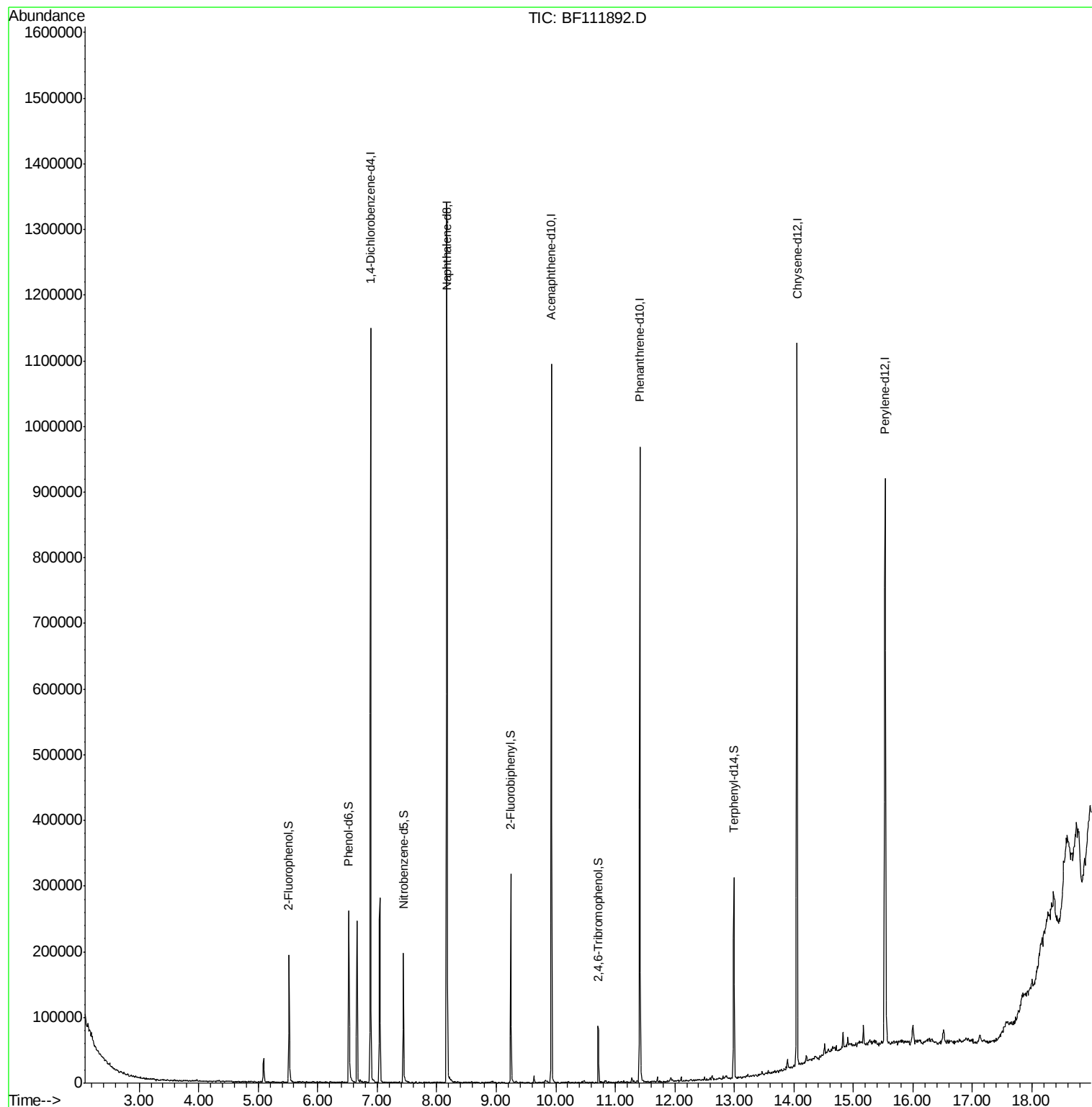
Target Compounds Qvalue

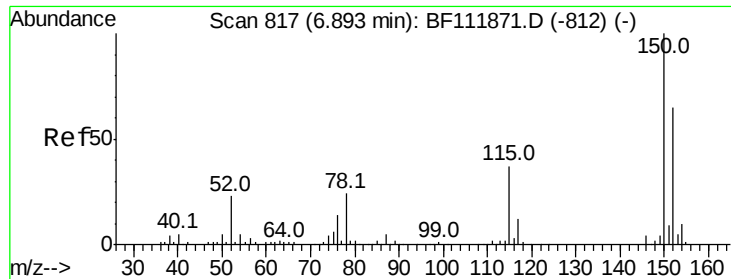
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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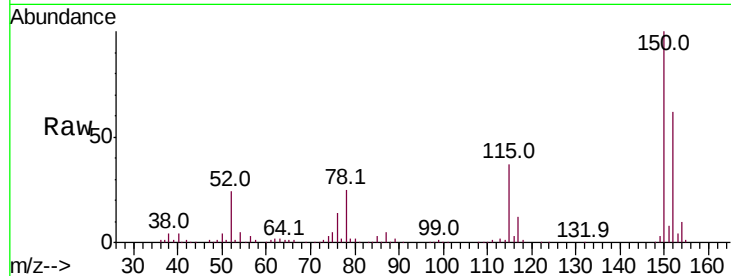


#1

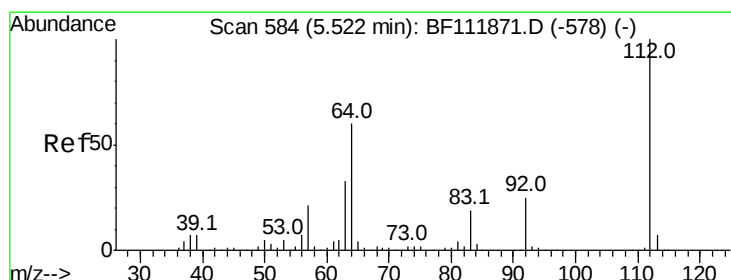
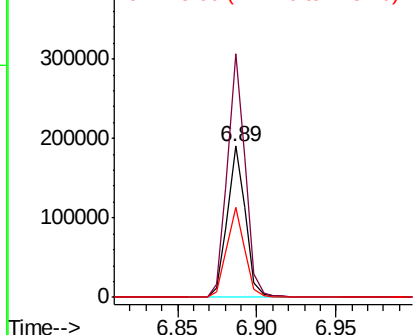
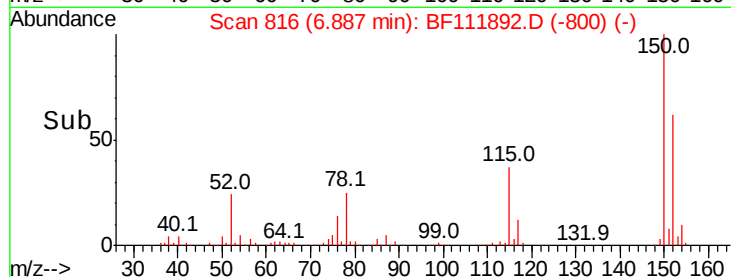
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE-WALL-1-4

Tot Ion:152 Resp: 151178
Ion Ratio Lower Upper
152 100
150 161.3 122.7 184.1
115 59.7 45.2 67.8



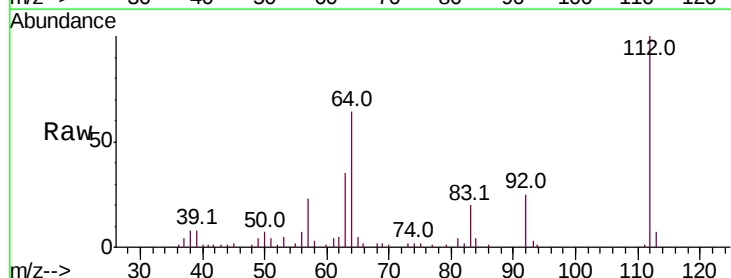
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



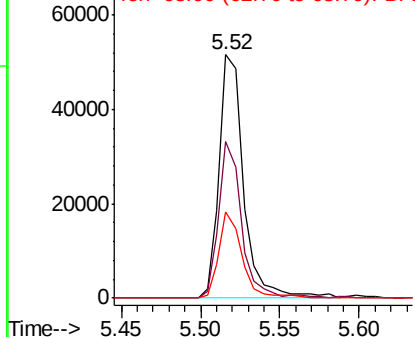
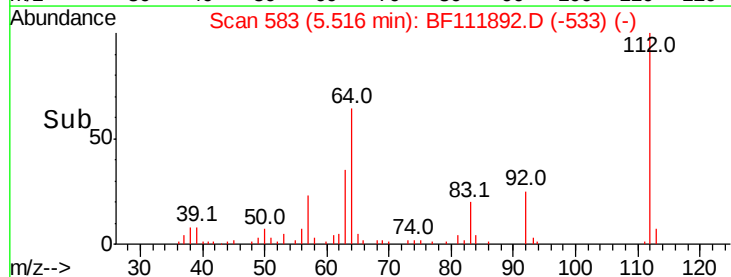
#5

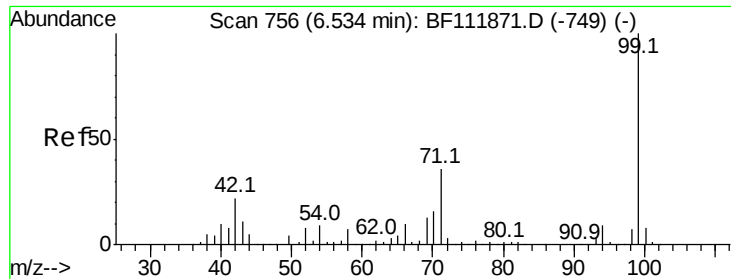
2-Fluorophenol
Concen: 6.292 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Tgt Ion:112 Resp: 55602
Ion Ratio Lower Upper
112 100
64 64.2 48.3 72.5
63 35.2 26.1 39.1



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: 7.928 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111892.D

Acq: 7 Jan 2019 22:25

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-4

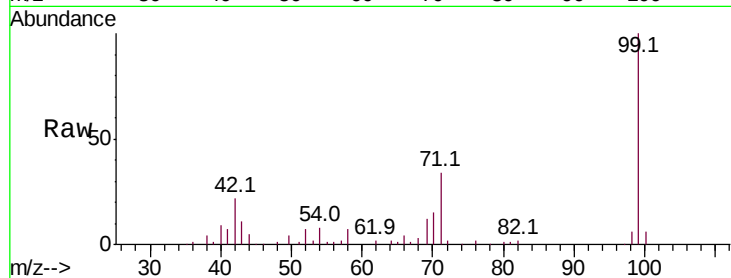
Tot Ion: 99 Resp: 90297

Ion Ratio Lower Upper

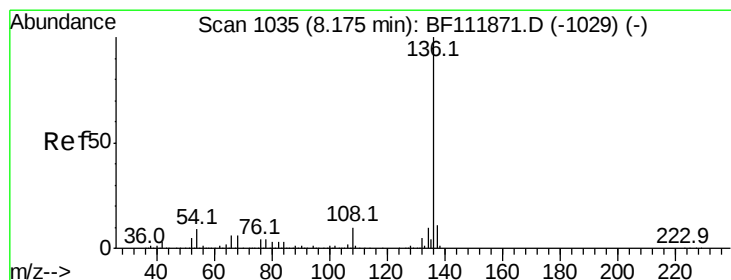
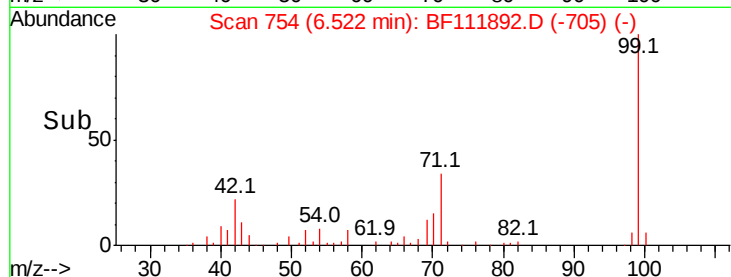
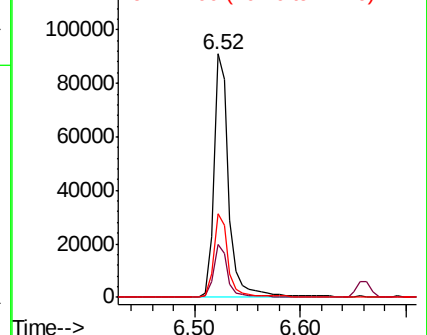
99 100

42 21.9 17.9 26.9

71 34.2 28.7 43.1



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111892.D

Acq: 7 Jan 2019 22:25

Tgt Ion: 136 Resp: 550631

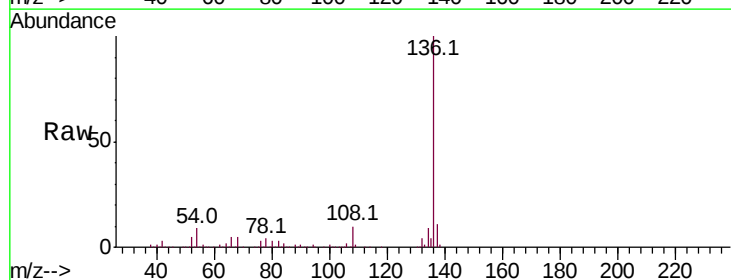
Ion Ratio Lower Upper

136 100

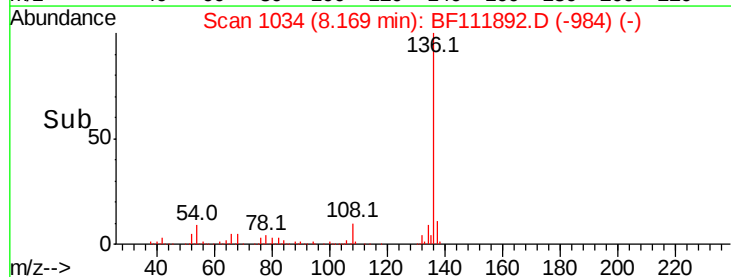
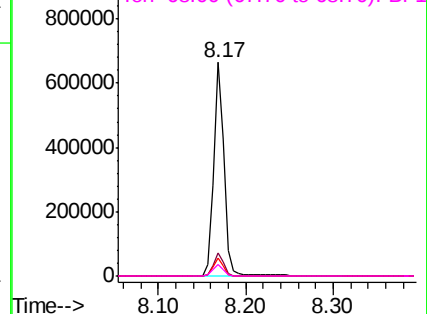
137 11.0 9.1 13.7

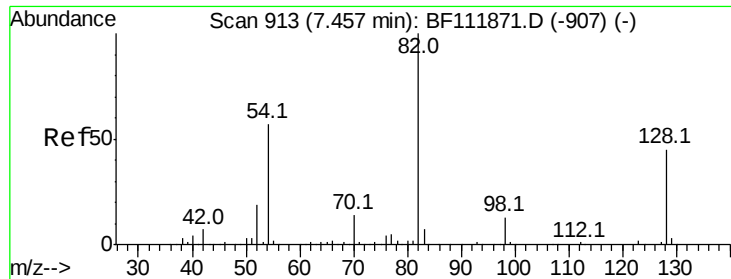
54 8.5 7.2 10.8

68 5.3 4.4 6.6



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

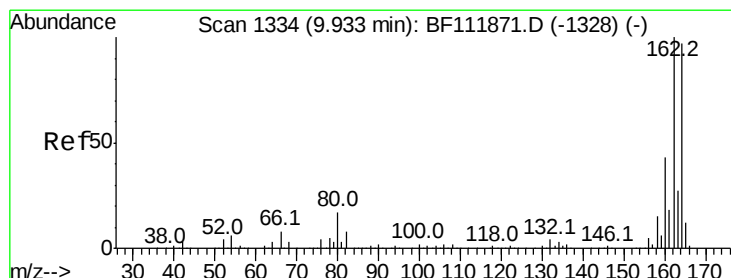
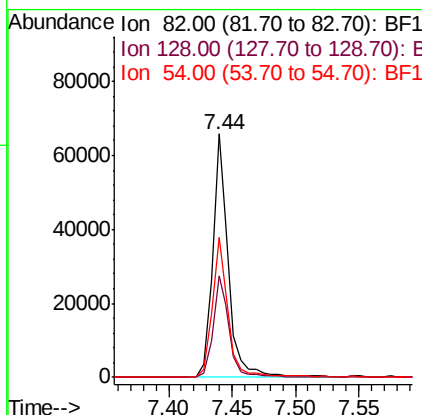
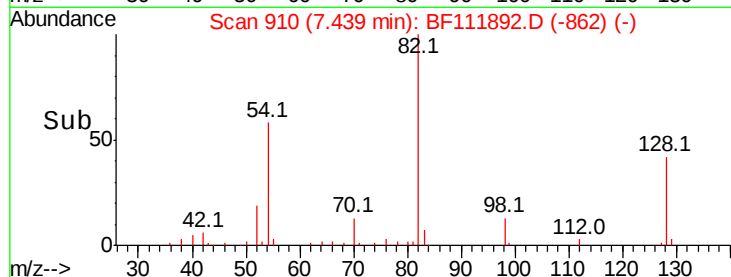
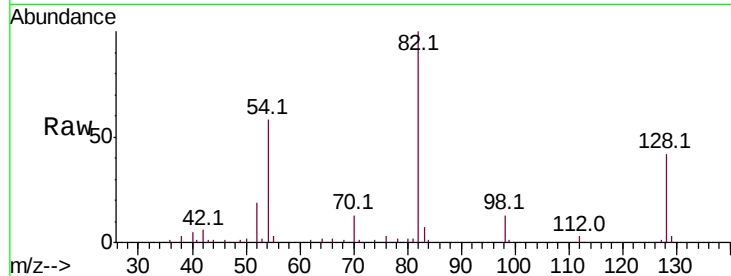




#23
 Nitrobenzene-d5
 Concen: 5.579 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

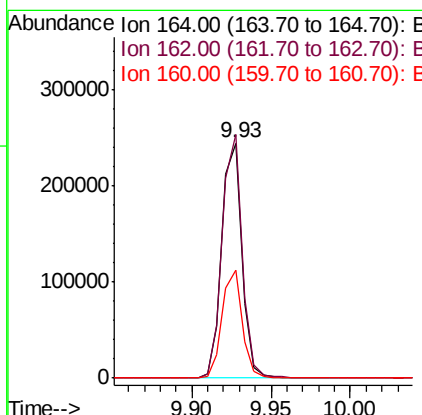
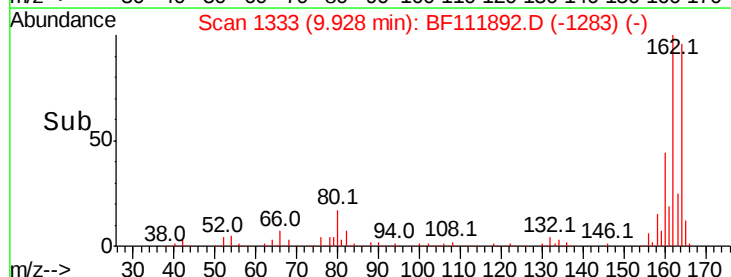
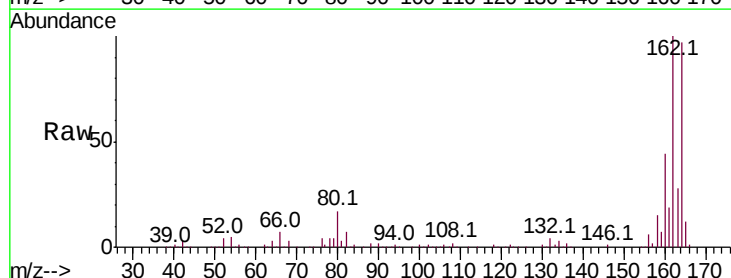
Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-WALL-1-4

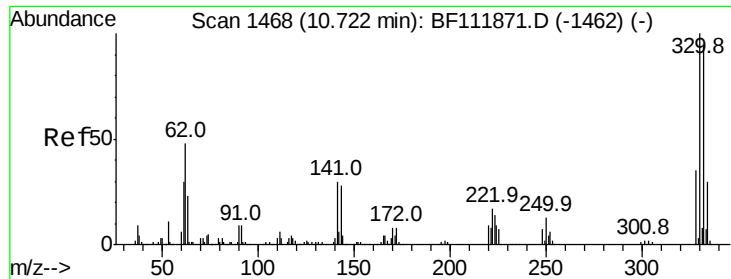
Tot Ion: 82 Resp: 57474
 Ion Ratio Lower Upper
 82 100
 128 41.9 35.7 53.5
 54 57.5 45.8 68.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Tgt Ion:164 Resp: 216308
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.2 123.2
 160 45.9 35.5 53.3

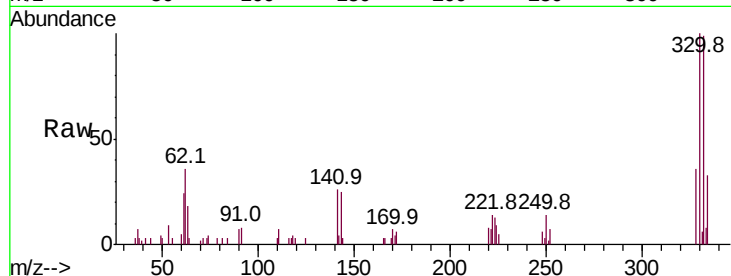




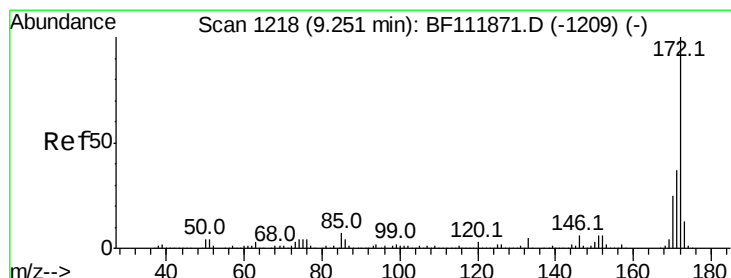
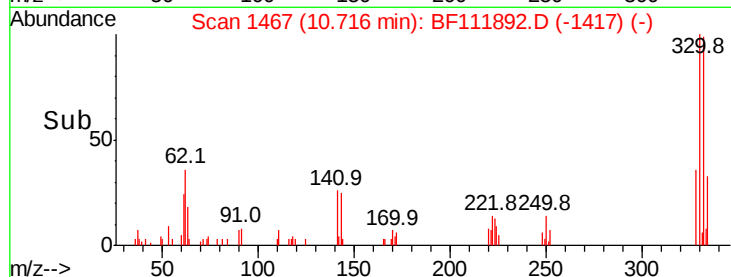
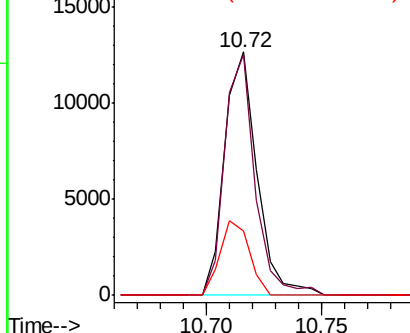
#42
 2,4,6-Tribromophenol
 Concen: 4.401 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE-WALL-1-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.7	76.9	115.3
141	27.6	23.7	35.5

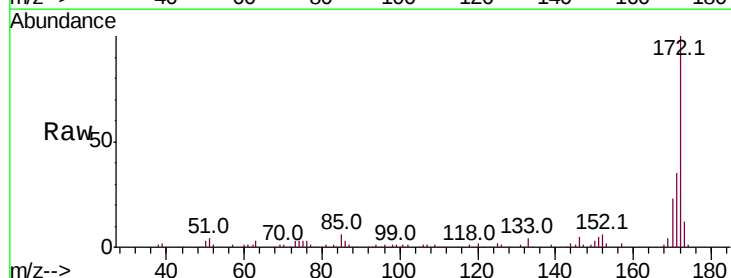


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

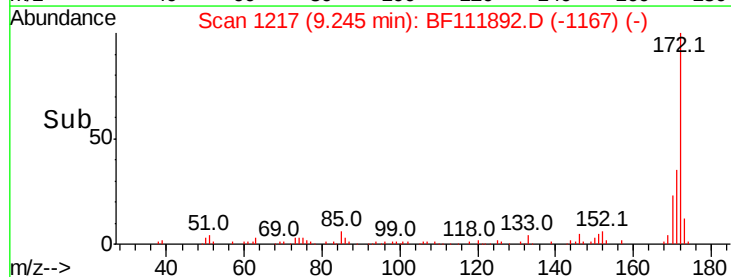
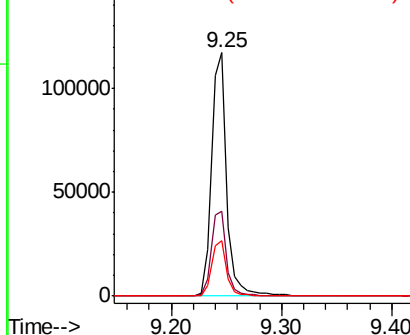


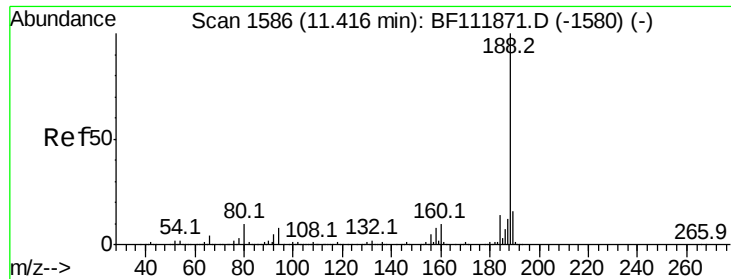
#45
 2-Fluorobiphenyl
 Concen: 7.333 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111892.D
 Acq: 7 Jan 2019 22:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.0	19.8	29.8



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

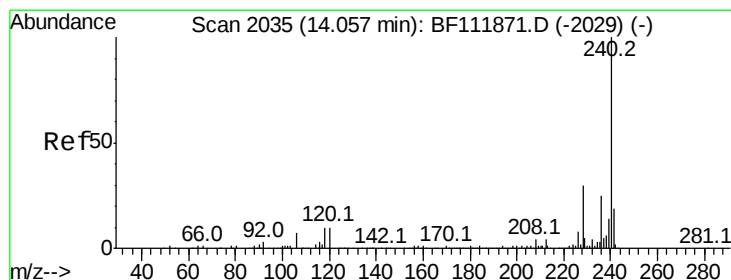
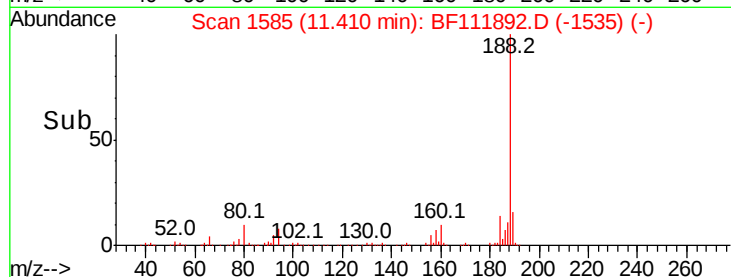
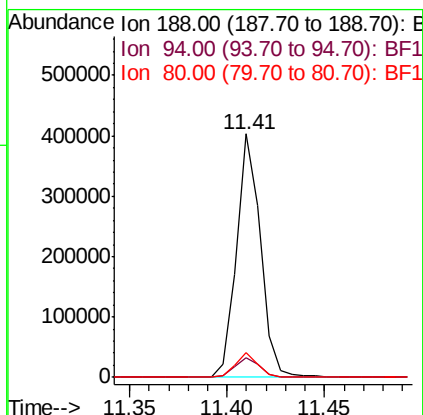
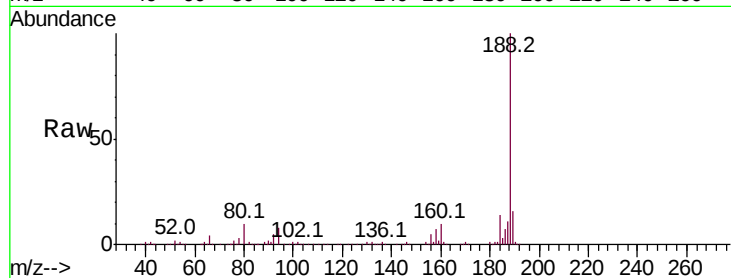




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

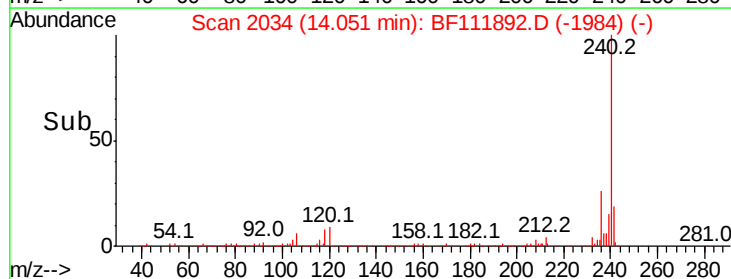
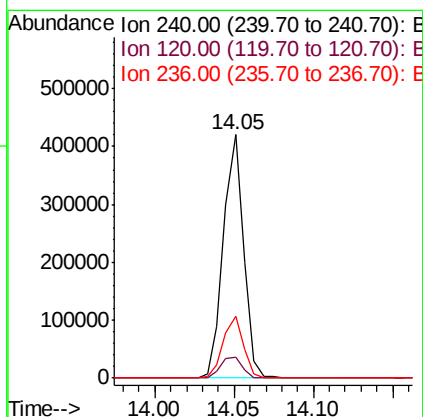
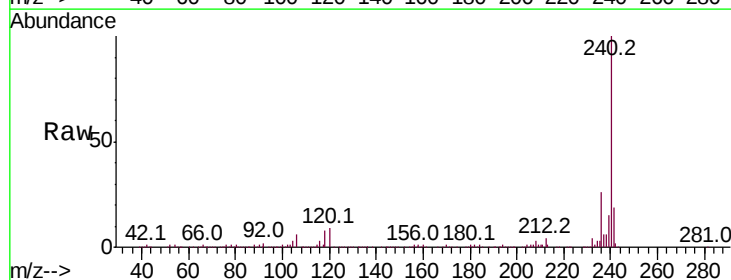
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CONTROL-HOUSE-WALL-1-4

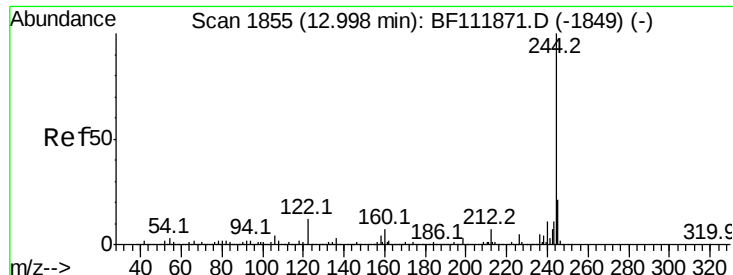
Tot Ion:188 Resp: 342668
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111892.D
Acq: 7 Jan 2019 22:25

Tgt Ion:240 Resp: 371715
Ion Ratio Lower Upper
240 100
120 8.8 8.2 12.2
236 25.5 20.2 30.4





#79

Terphenyl-d14

Concen: 5.180 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111892.D

Acq: 7 Jan 2019 22:25

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE-WALL-1-4

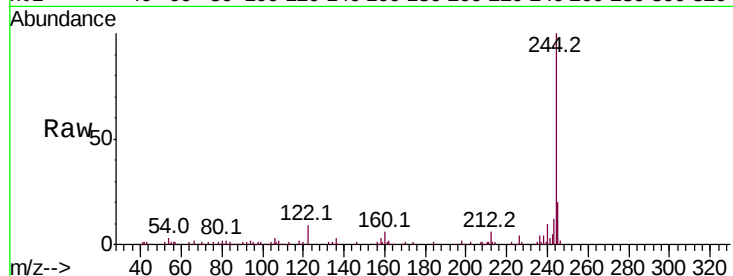
Tot Ion:244 Resp: 101431

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

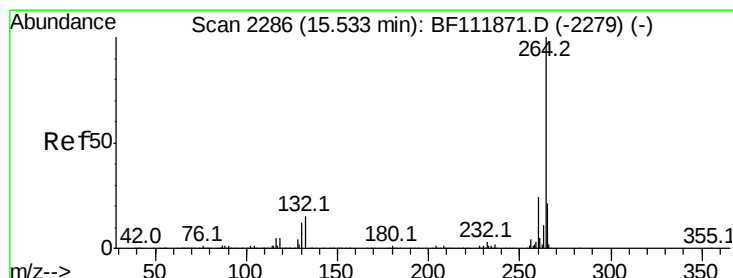
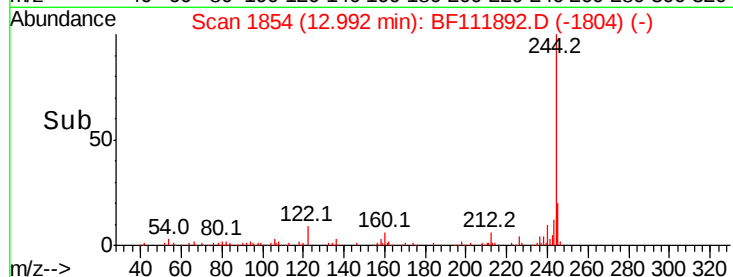
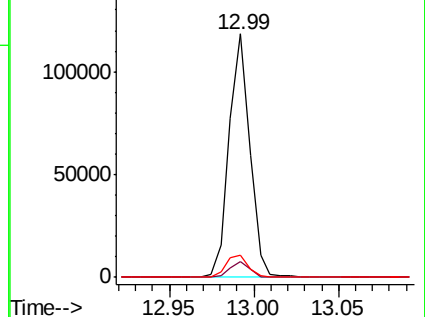
122 9.3 9.5 14.3#



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: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF111892.D

Acq: 7 Jan 2019 22:25

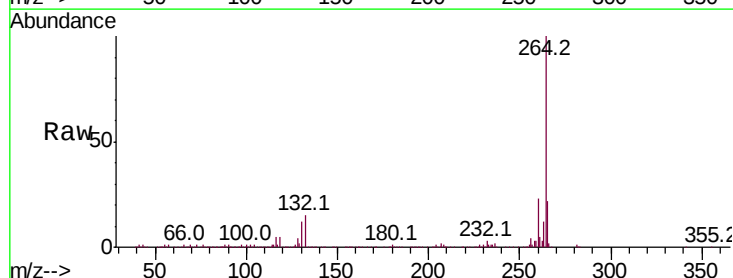
Tgt Ion:264 Resp: 400704

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 17.1 25.7



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

