

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110281.D
 Acq On : 30 Oct 2018 00:00
 Operator : JU/SJ
 Sample : J5194-07 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-102618-A

Quant Time: Oct 30 08:53:46 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

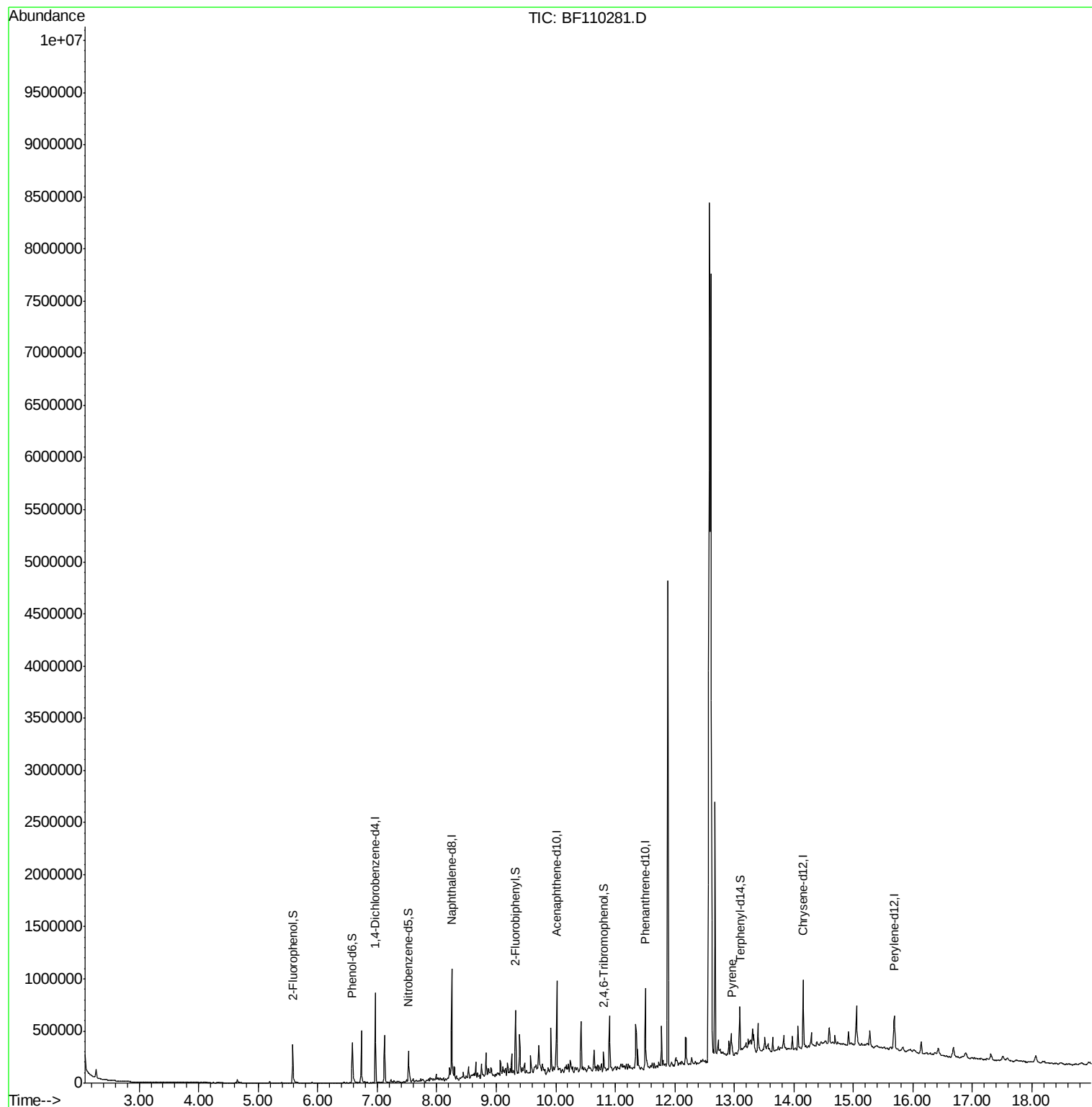
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120460	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	464245	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	183500	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	281513	20.00	ng	0.00
76) Chrysene-d12	14.16	240	203140	20.00	ng	0.00
87) Perylene-d12	15.69	264	137973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	112753	15.24	ng	0.00
7) Phenol-d6	6.58	99	144532	15.28	ng	-0.01
23) Nitrobenzene-d5	7.53	82	90409	11.55	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	20397	11.22	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	184574	15.79	ng	0.00
79) Terphenyl-d14	13.09	244	134903	13.81	ng	0.00
Target Compounds						
78) Pyrene	12.96	202	29420	2.020	ng	Qvalue # 94

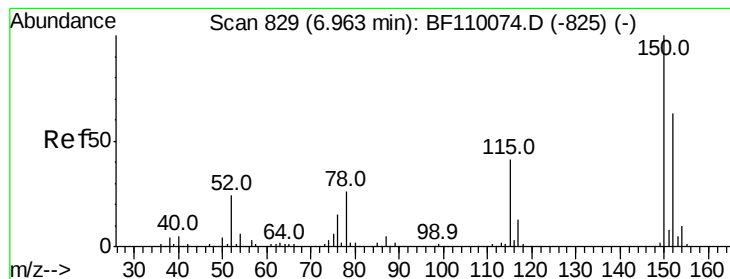
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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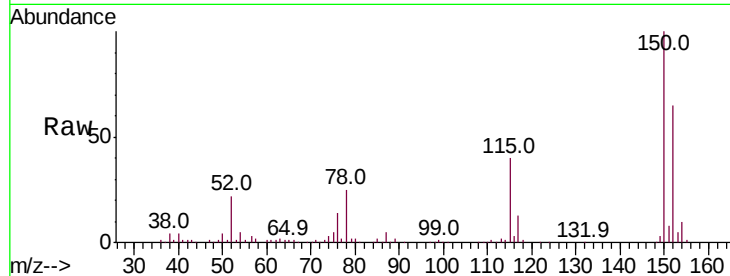


#1

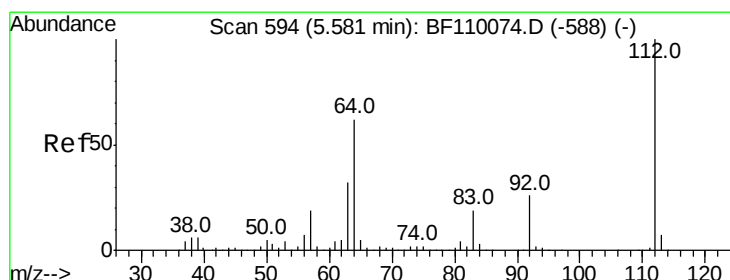
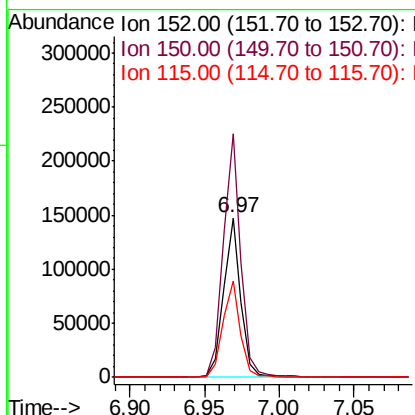
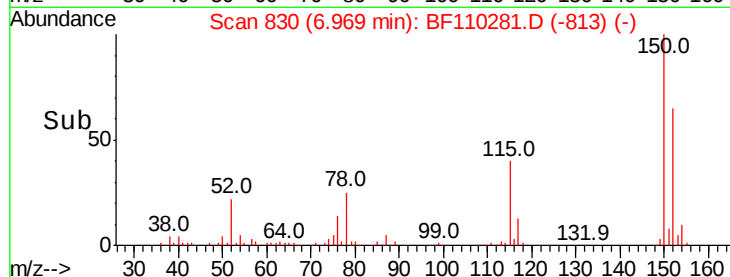
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF110281.D
 Acq: 30 Oct 2018 00:00

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-102618-A

Tot Ion:152 Resp: 120460
 Ion Ratio Lower Upper
 152 100
 150 152.8 122.7 184.1
 115 60.5 49.1 73.7



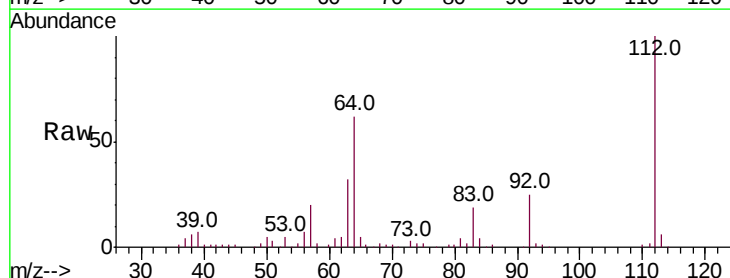
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



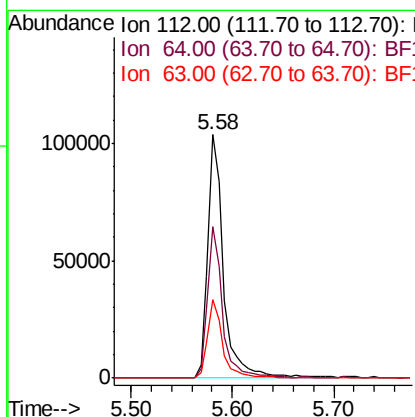
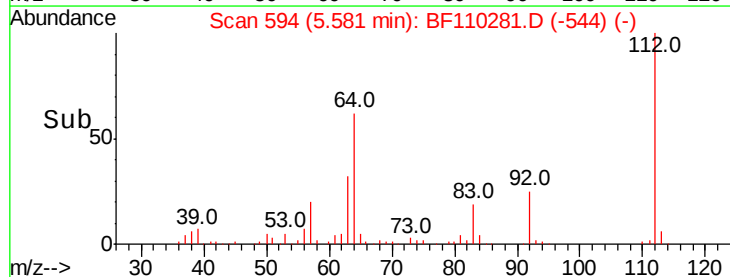
#5

2-Fluorophenol
 Concen: 15.243 ng
 RT: 5.58 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF110281.D
 Acq: 30 Oct 2018 00:00

Tgt Ion:112 Resp: 112753
 Ion Ratio Lower Upper
 112 100
 64 62.1 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: 15.276 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110281.D

Acq: 30 Oct 2018 00:00

Instrument :

BNA_F

ClientSampleId :

HR-05-102618-A

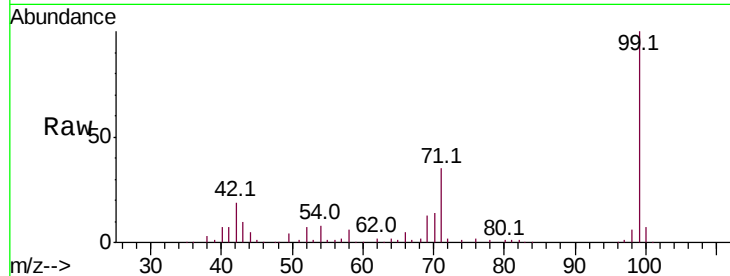
Tot Ion: 99 Resp: 144532

Ion Ratio Lower Upper

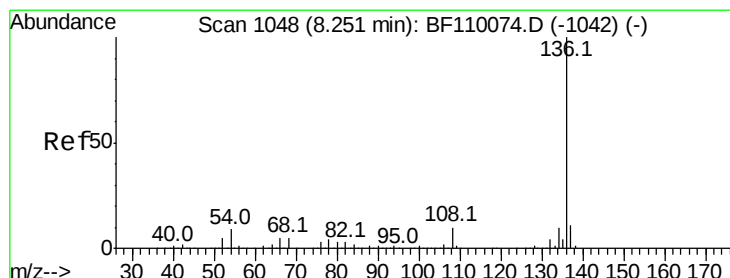
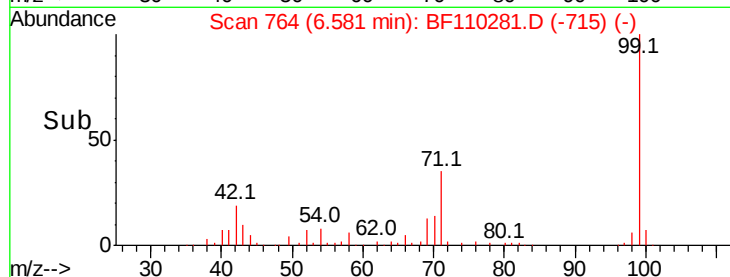
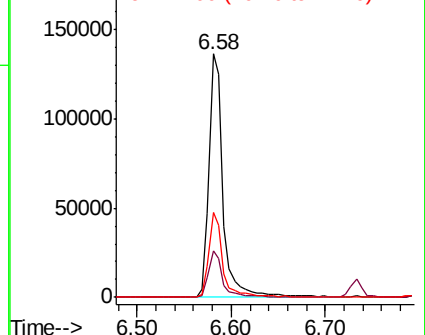
99 100

42 19.1 15.8 23.6

71 34.7 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: BF110281.D

Acq: 30 Oct 2018 00:00

Tgt Ion: 136 Resp: 464245

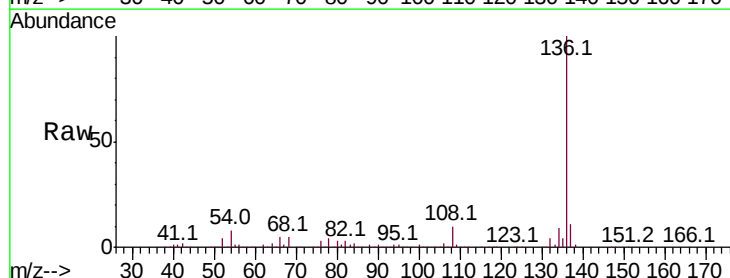
Ion Ratio Lower Upper

136 100

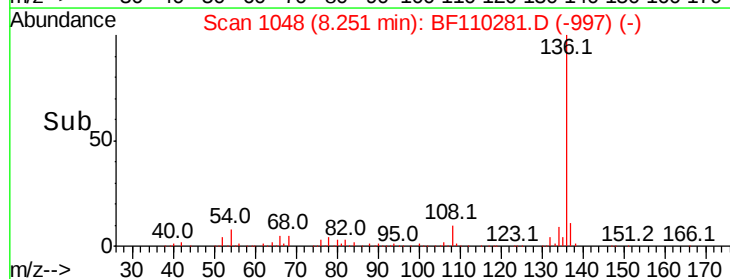
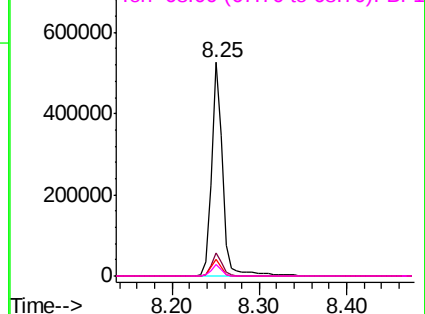
137 10.9 8.8 13.2

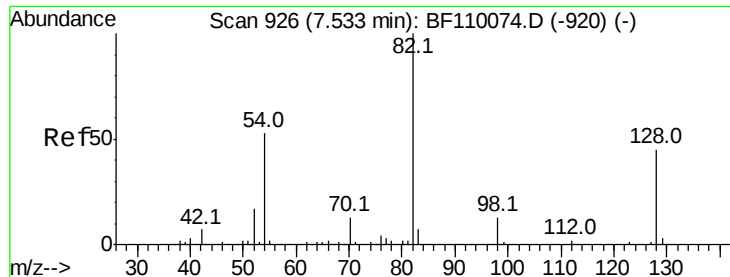
54 7.9 5.4 8.2

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

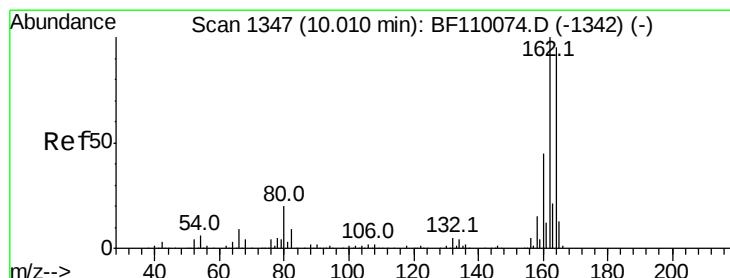
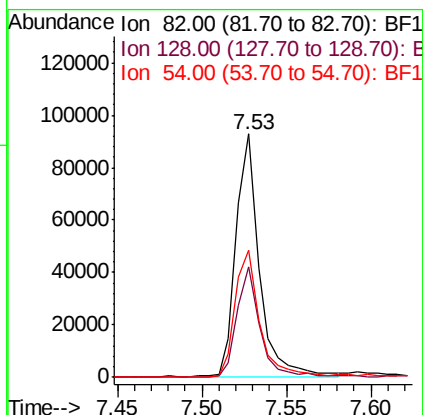
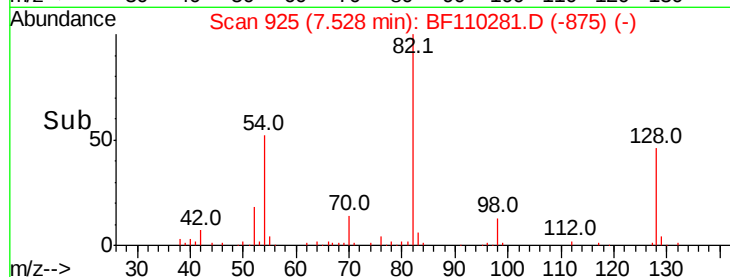
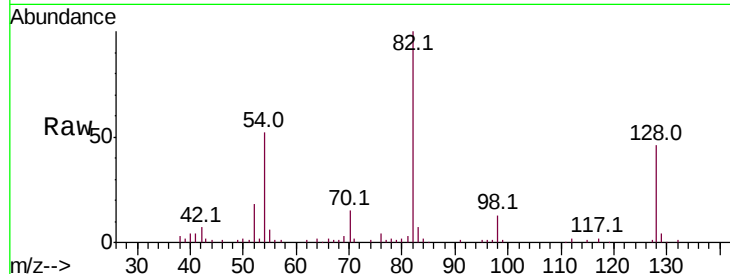




#23
Nitrobenzene-d5
Concen: 11.551 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

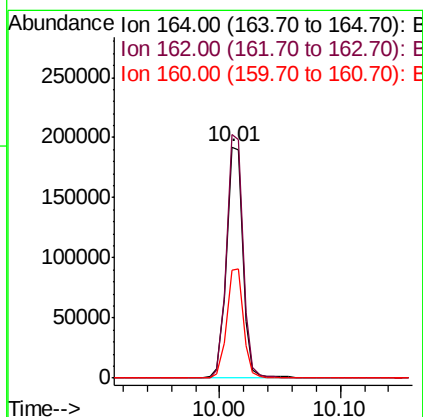
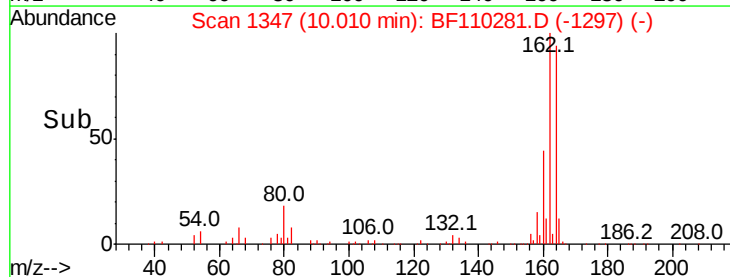
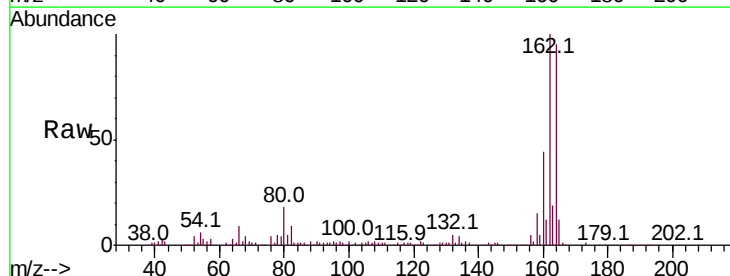
Instrument :
BNA_F
ClientSampleId :
HR-05-102618-A

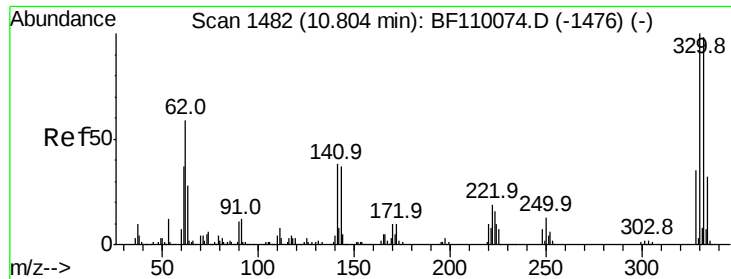
Tot Ion: 82 Resp: 90409
Ion Ratio Lower Upper
82 100
128 45.6 34.2 51.2
54 52.2 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110281.D
Acq: 30 Oct 2018 00:00

Tgt Ion:164 Resp: 183500
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 46.4 37.0 55.6

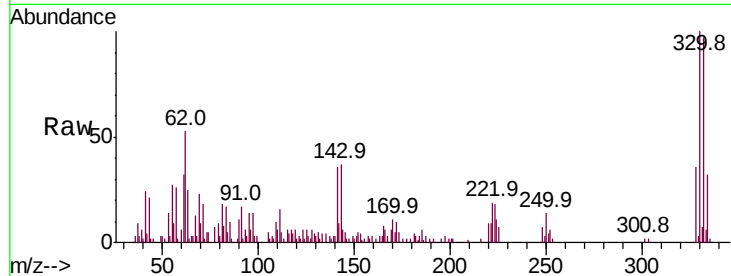




#42
 2,4,6-Tribromophenol
 Concen: 11.221 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110281.D
 Acq: 30 Oct 2018 00:00

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-102618-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	36.9	27.0	40.4

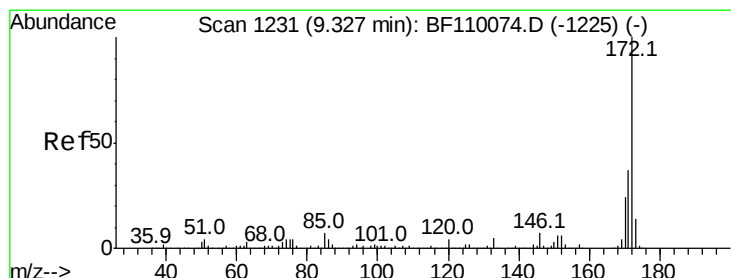
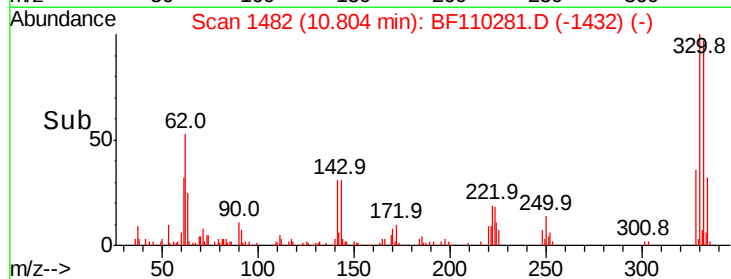
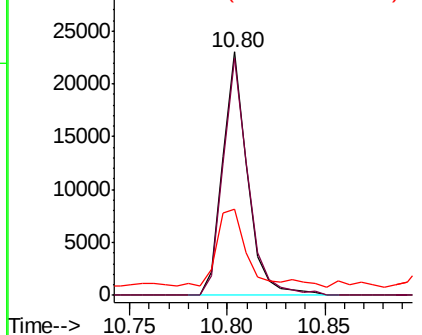


Abundance

Ion 329.80 (329.50 to 330.50): E

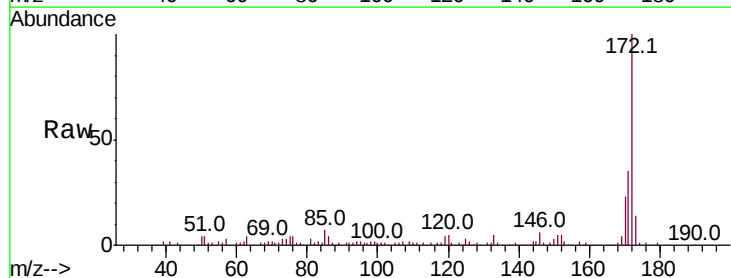
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 15.794 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF110281.D
 Acq: 30 Oct 2018 00:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.5	19.7	29.5

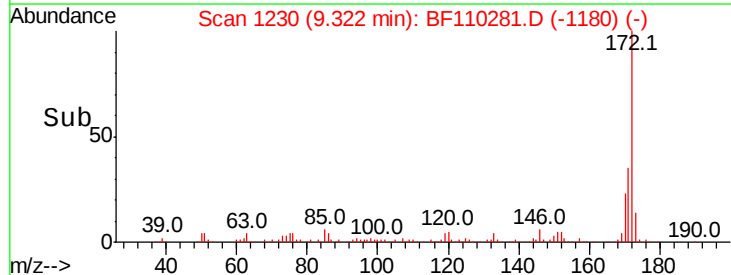
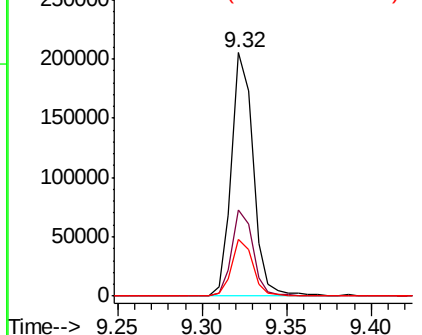


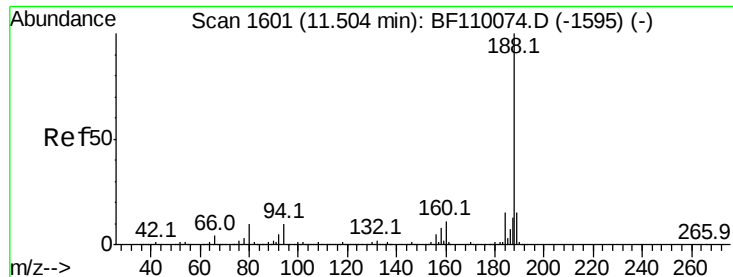
Abundance

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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110281.D

Acq: 30 Oct 2018 00:00

Instrument :

BNA_F

ClientSampleId :

HR-05-102618-A

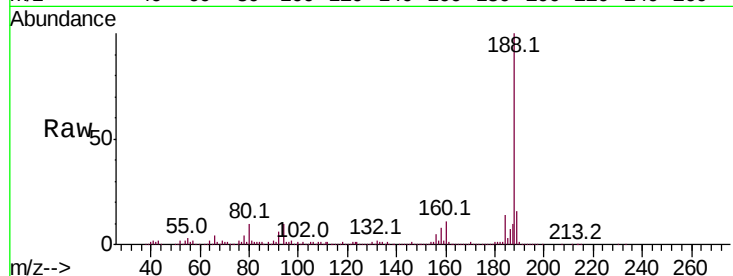
Tot Ion:188 Resp: 281513

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

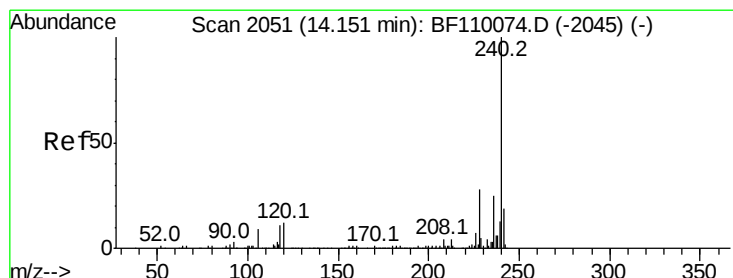
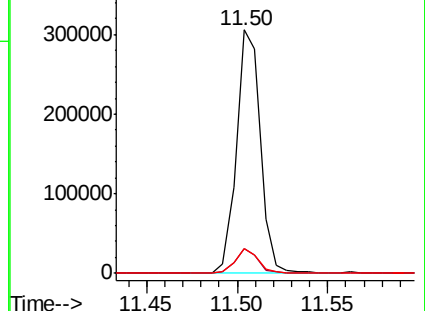
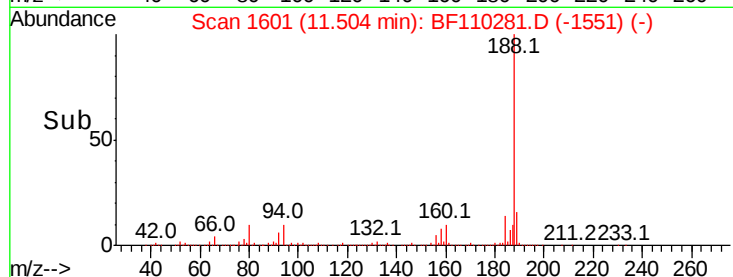
80 10.1 7.9 11.9



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: BF110281.D

Acq: 30 Oct 2018 00:00

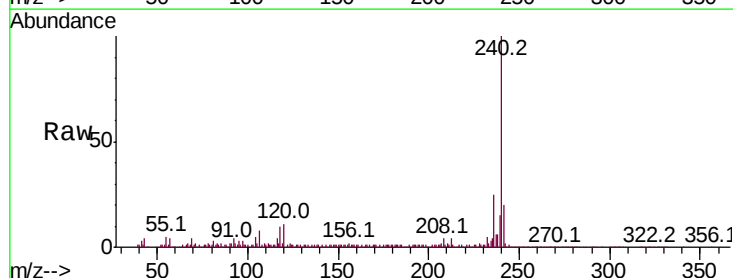
Tgt Ion:240 Resp: 203140

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

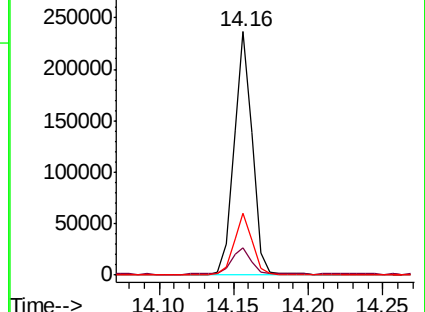
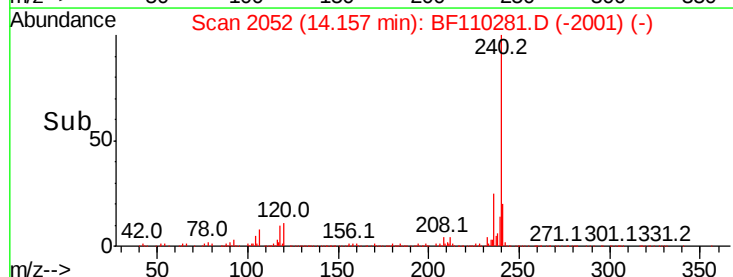
236 25.3 21.2 31.8

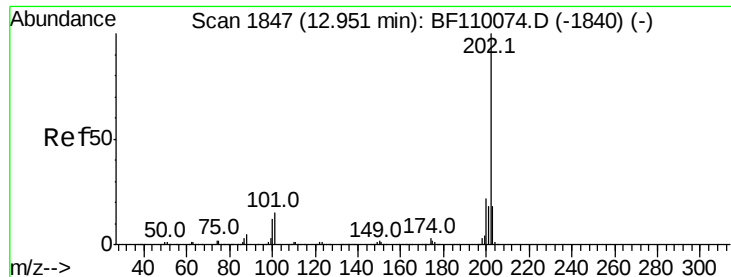


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.020 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF110281.D

Acq: 30 Oct 2018 00:00

Instrument :

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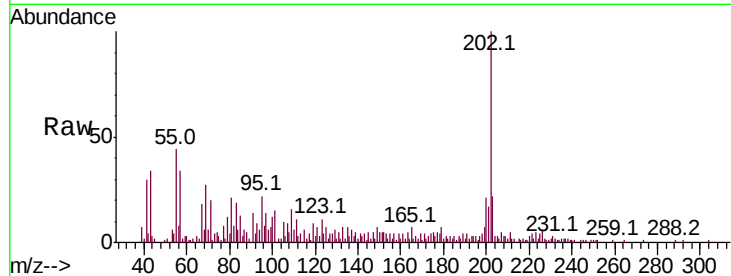
Tot Ion:202 Resp: 29420

Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

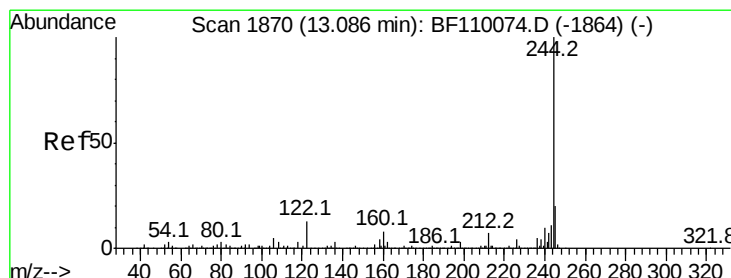
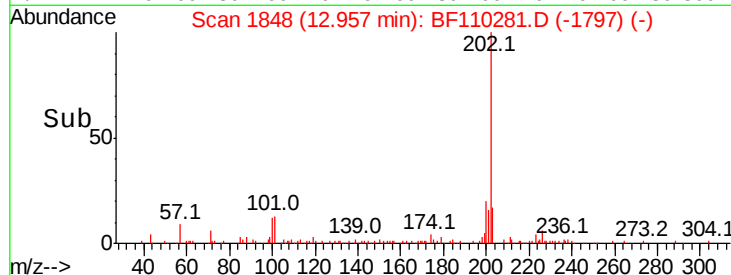
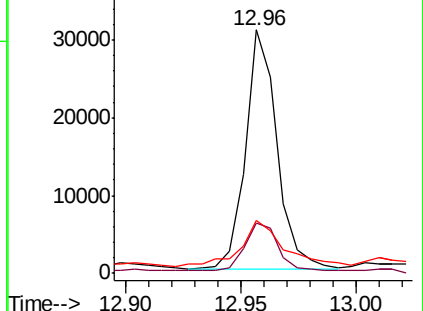
203 21.6 14.2 21.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 13.811 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BF110281.D

Acq: 30 Oct 2018 00:00

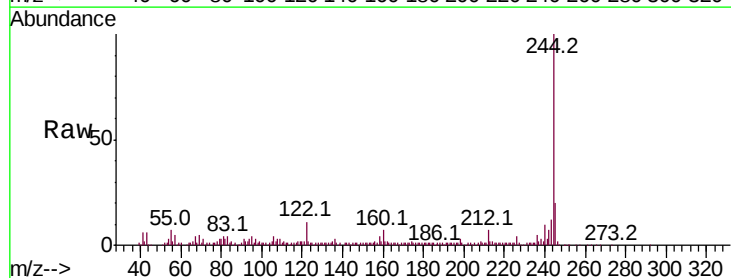
Tgt Ion:244 Resp: 134903

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

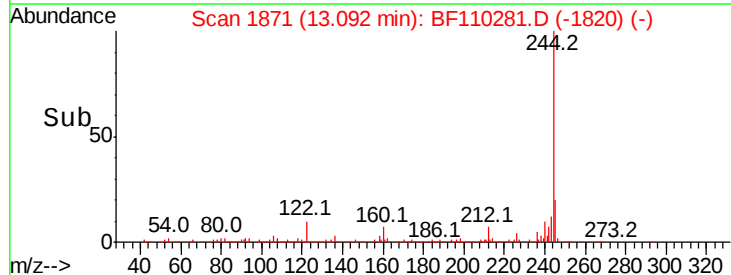
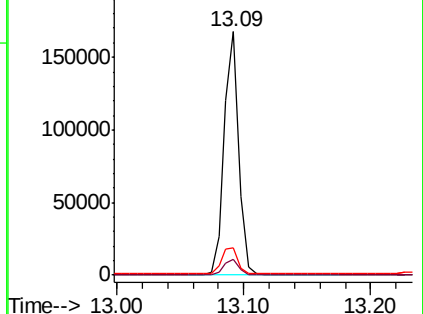
122 11.0 8.7 13.1

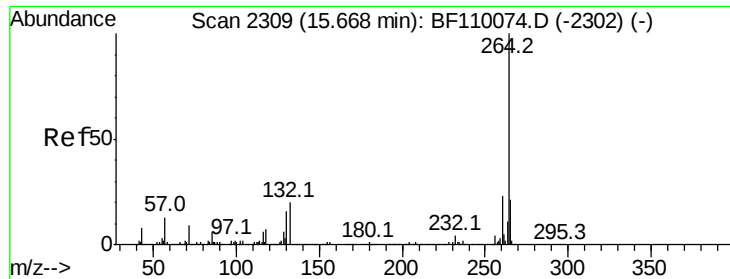


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF110281.D

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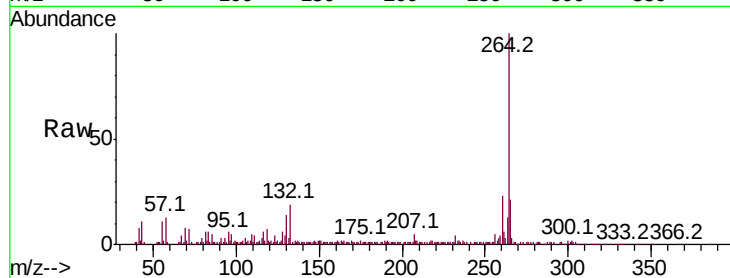
Tot Ion:264 Resp: 137973

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.5 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

