

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113428.D
 Acq On : 29 Mar 2019 22:18
 Operator : JU/SJ
 Sample : K1685-13 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Quant Time: Mar 30 02:49:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

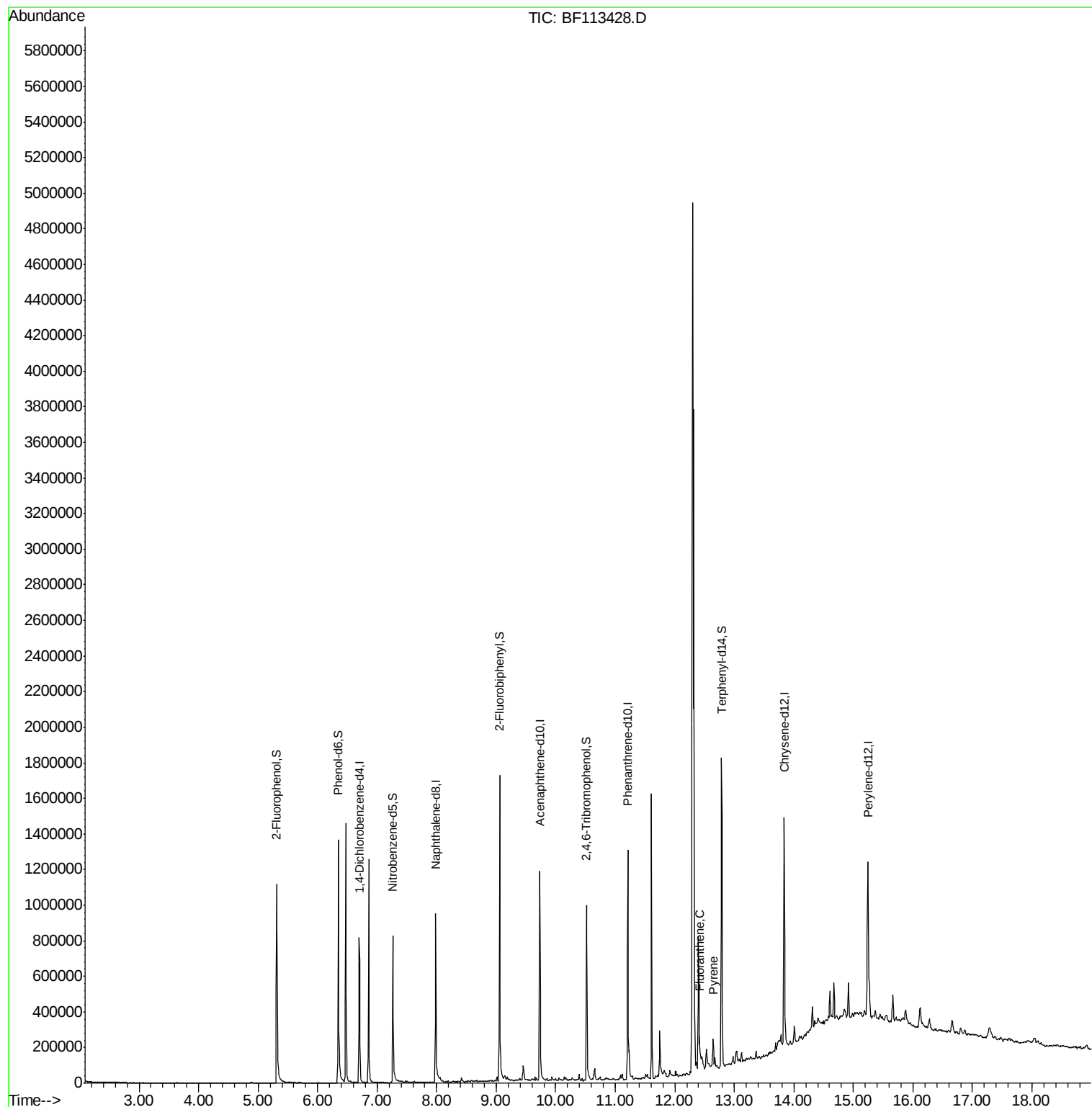
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	132335	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	514553	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	253435	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	504831	20.00	ng	0.00
76) Chrysene-d12	13.84	240	472065	20.00	ng	0.00
87) Perylene-d12	15.24	264	430173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	395888	48.92	ng	0.00
7) Phenol-d6	6.35	99	534213	52.18	ng	-0.01
23) Nitrobenzene-d5	7.26	82	307903	35.52	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	148257	47.36	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	593704	24.08	ng	0.00
79) Terphenyl-d14	12.79	244	631295	29.48	ng	-0.01
Target Compounds						
75) Fluoranthene	12.42	202	84229	2.972	ng	99
78) Pyrene	12.65	202	66340	2.028	ng	98

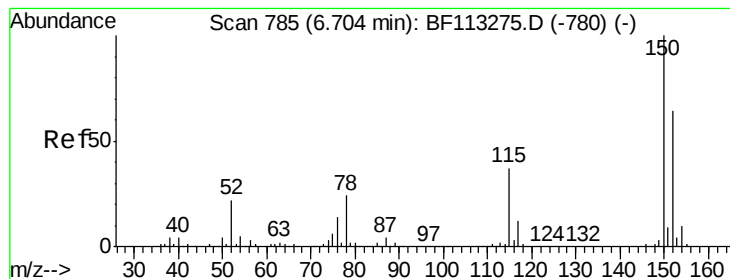
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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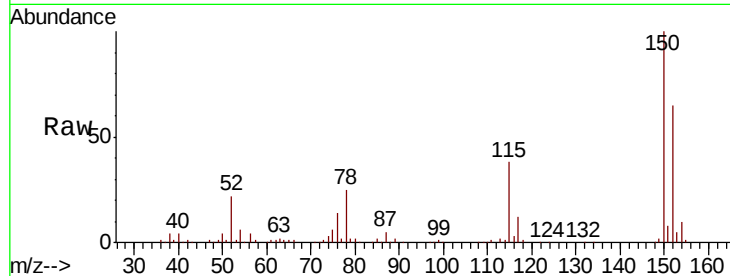


#1

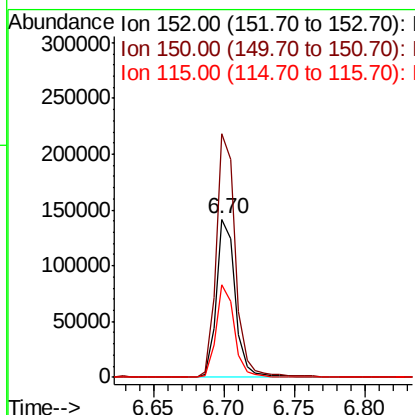
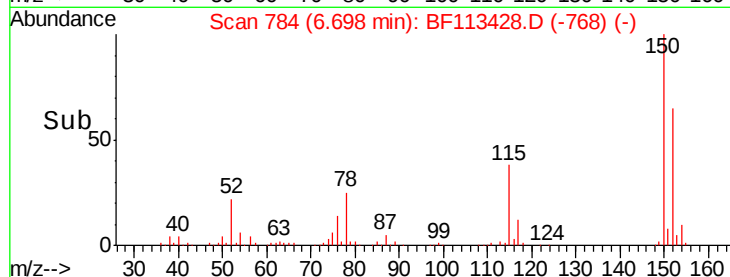
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

Tot Ion:152 Resp: 132335
Ion Ratio Lower Upper
152 100
150 153.8 124.7 187.1
115 58.2 46.0 69.0



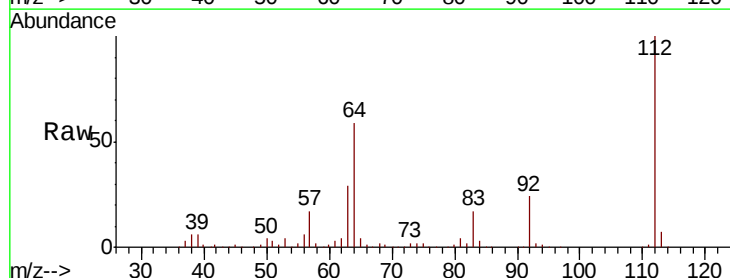
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



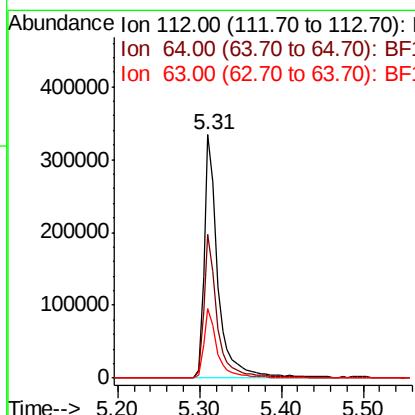
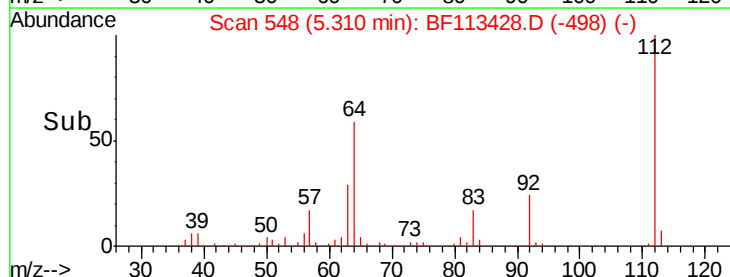
#5

2-Fluorophenol
Concen: 48.916 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:112 Resp: 395888
Ion Ratio Lower Upper
112 100
64 59.2 49.2 73.8
63 28.8 24.9 37.3



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: 52.177 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

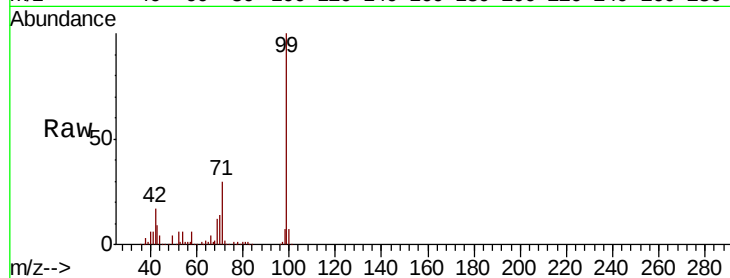
Tot Ion: 99 Resp: 534213

Ion Ratio Lower Upper

99 100

42 17.2 14.8 22.2

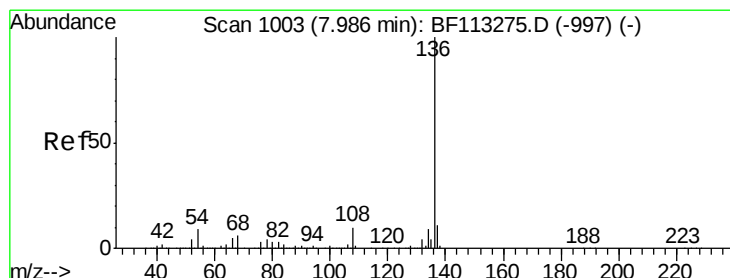
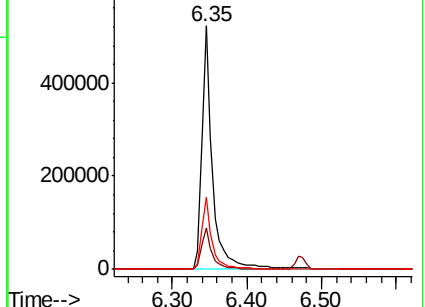
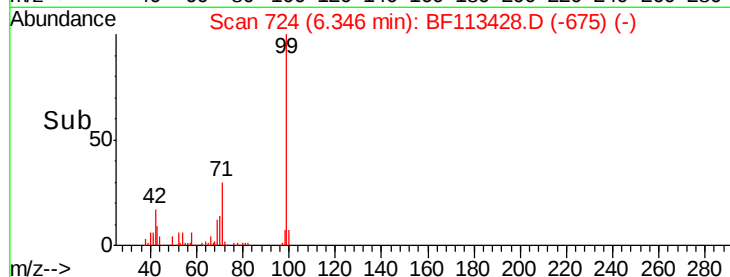
71 29.6 24.9 37.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

Tgt Ion: 136 Resp: 514553

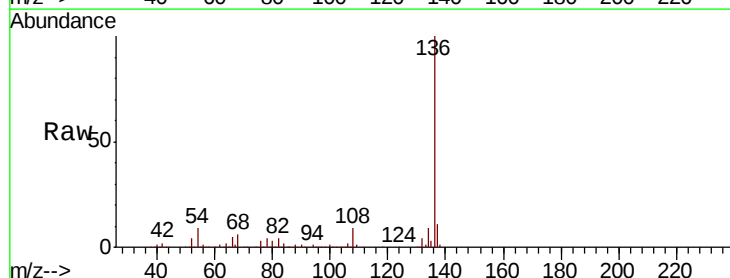
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.6 7.0 10.6

68 6.3 4.8 7.2

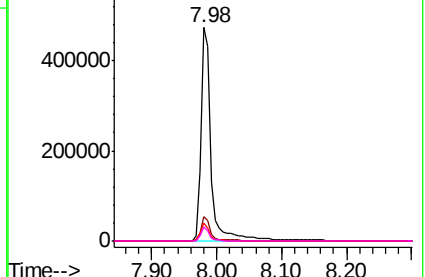
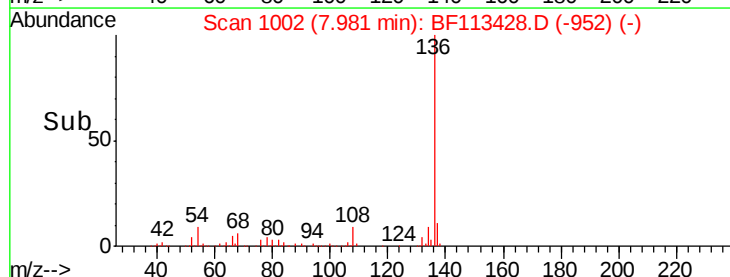


Abundance Ion 136.00 (135.70 to 136.70): E

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

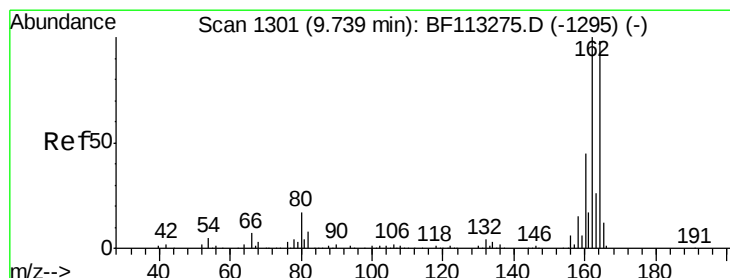
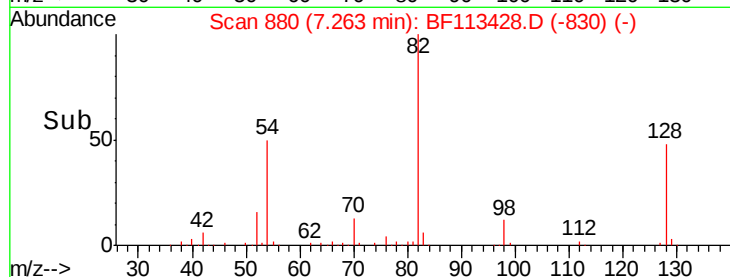
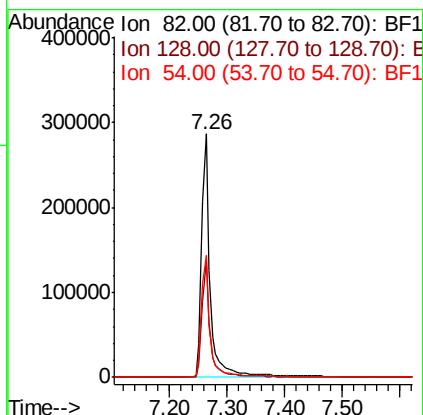
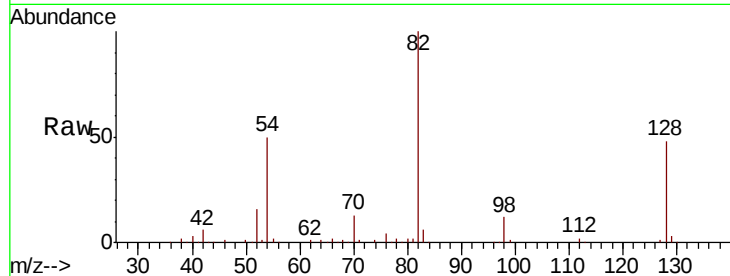




#23
Nitrobenzene-d5
Concen: 35.517 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

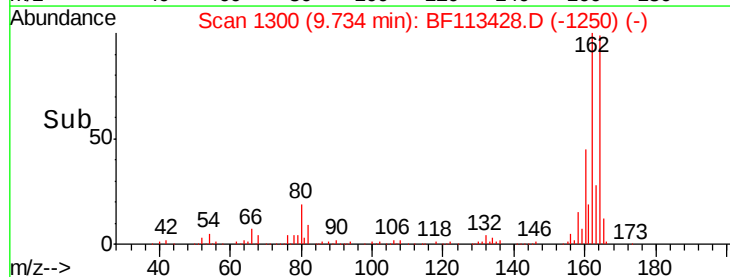
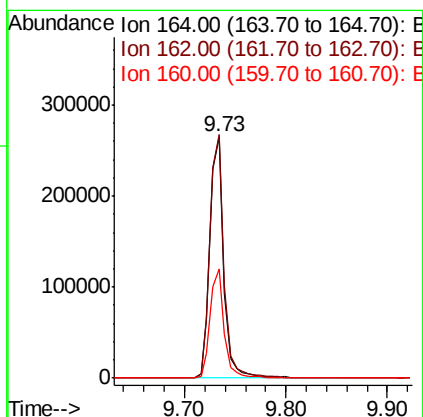
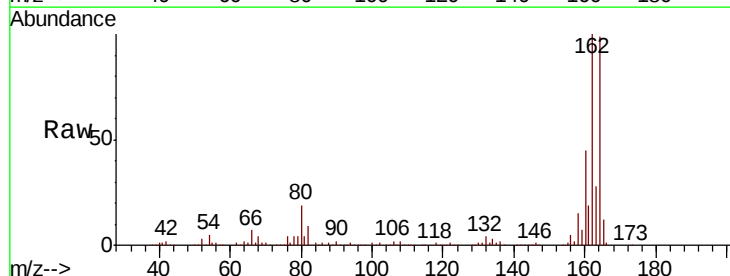
Instrument :
BNA_F
ClientSampleId :
AU-06-032819-C

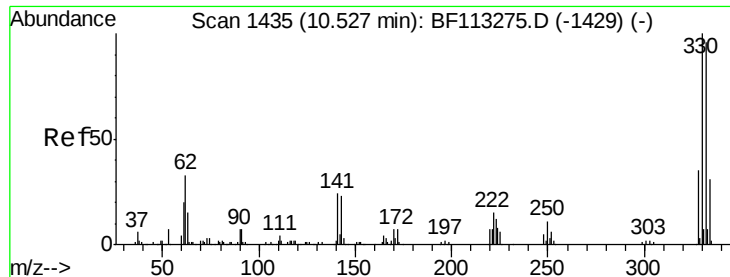
Tot Ion: 82 Resp: 307903
Ion Ratio Lower Upper
82 100
128 48.2 36.5 54.7
54 49.9 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion: 164 Resp: 253435
Ion Ratio Lower Upper
164 100
162 100.9 81.8 122.6
160 45.2 36.4 54.6

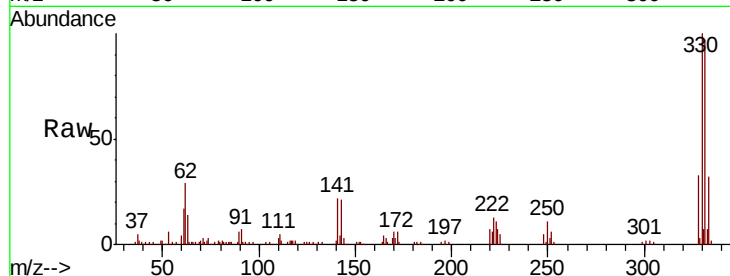




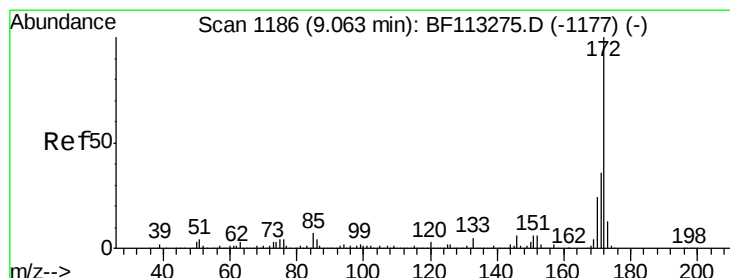
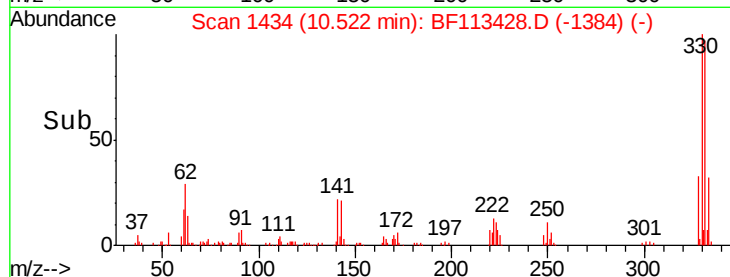
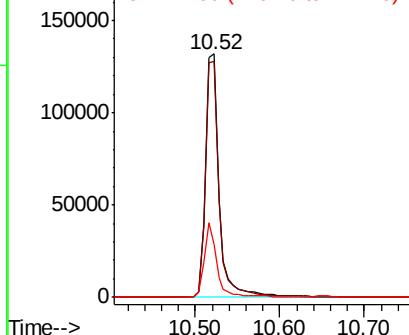
#42
 2,4,6-Tribromophenol
 Concen: 47.359 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113428.D
 Acq: 29 Mar 2019 22:18

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	27.8	22.7	34.1

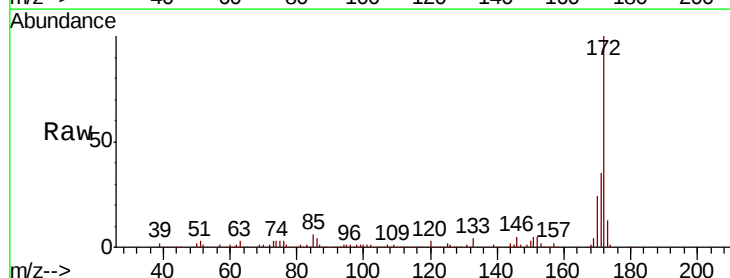


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

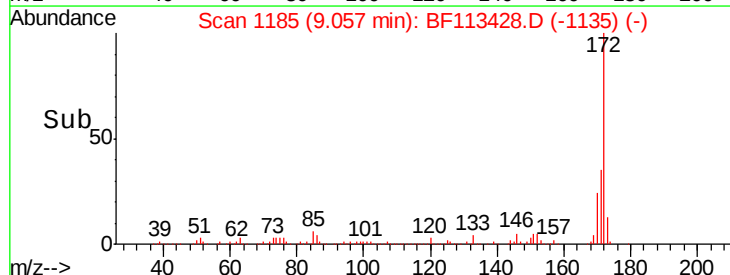
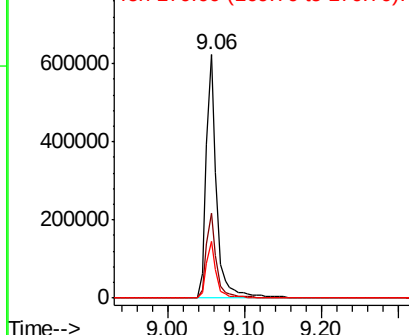


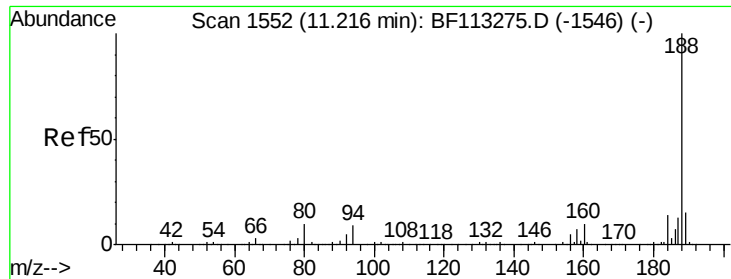
#45
 2-Fluorobiphenyl
 Concen: 24.076 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113428.D
 Acq: 29 Mar 2019 22:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.6
170	23.5	19.5	29.3



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

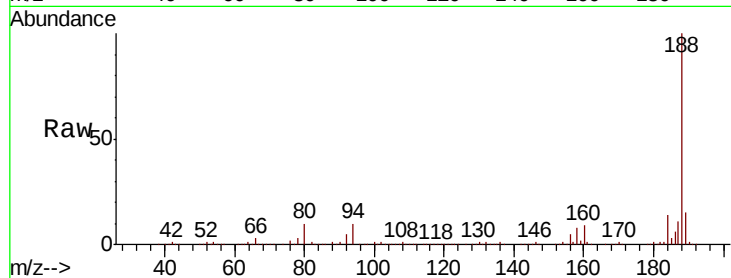




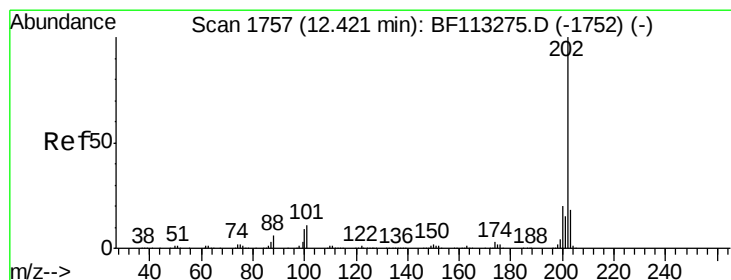
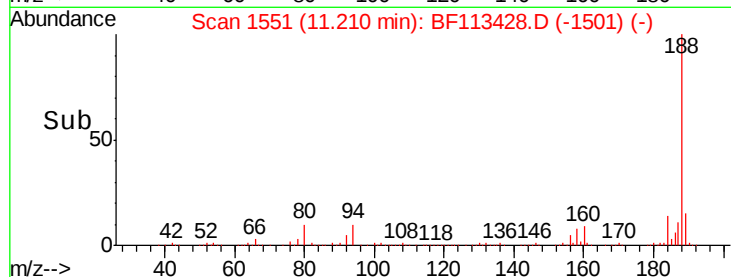
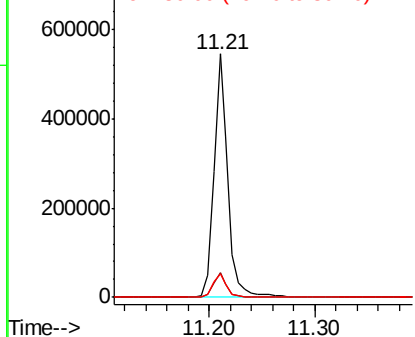
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Instrument :
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ClientSampleId :
AU-06-032819-C

Tot Ion:188 Resp: 504831
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 9.9 7.7 11.5

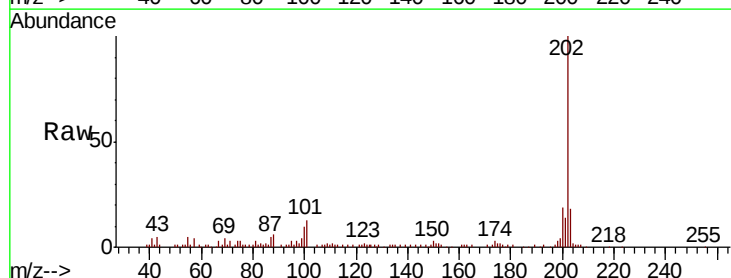


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

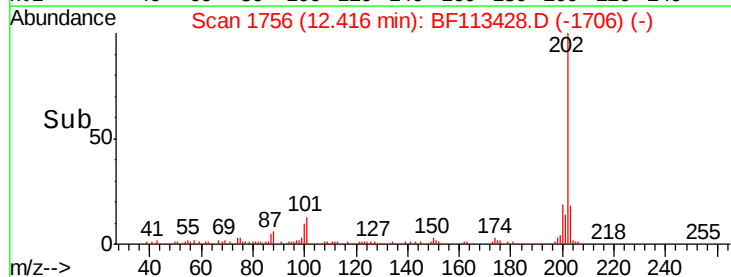
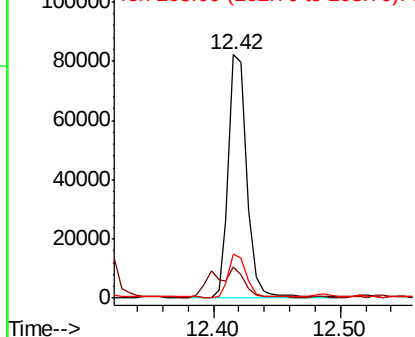


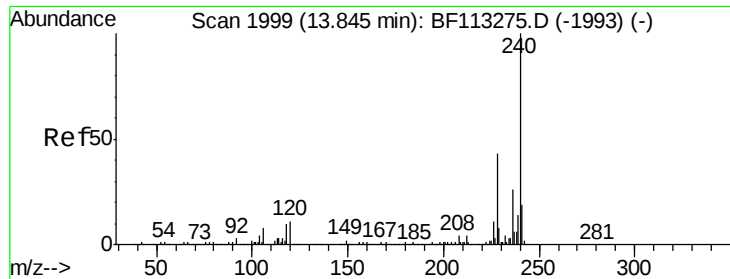
#75
Fluoranthene
Concen: 2.972 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:202 Resp: 84229
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 18.0 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

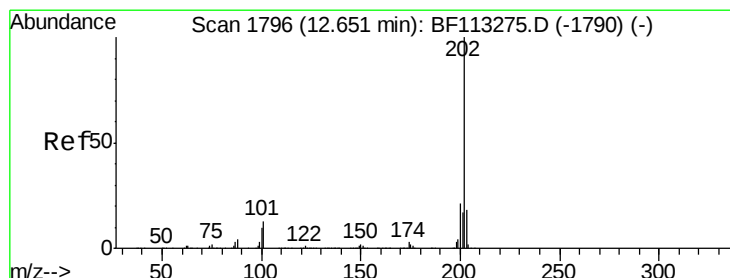
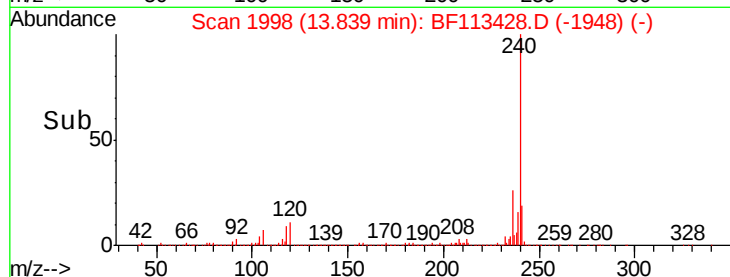
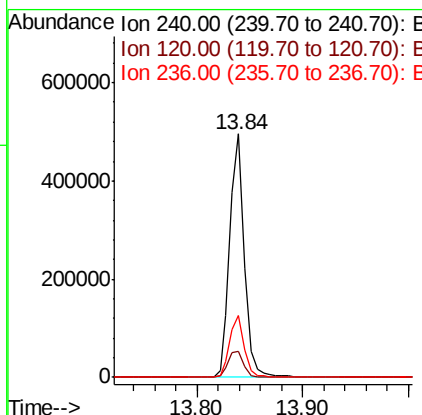
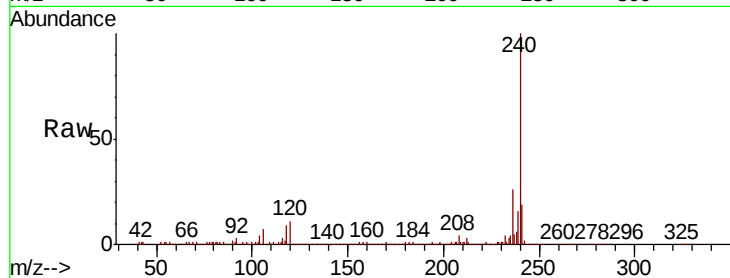




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

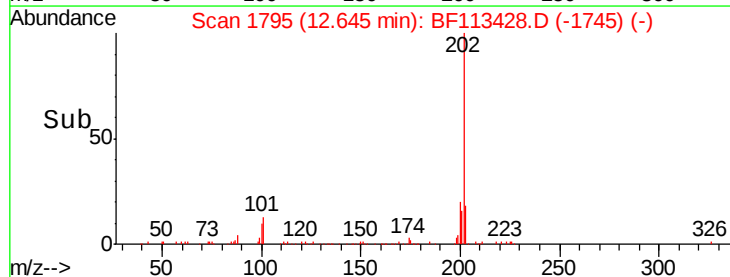
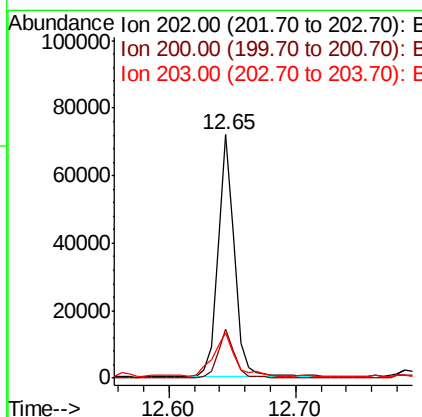
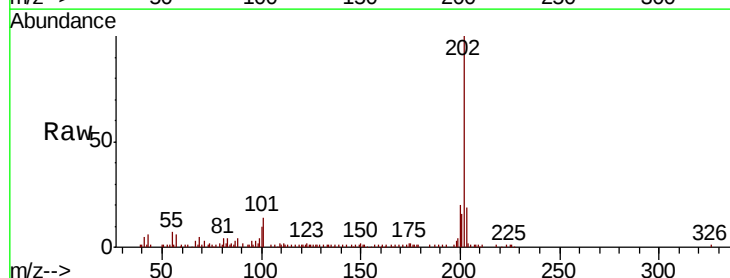
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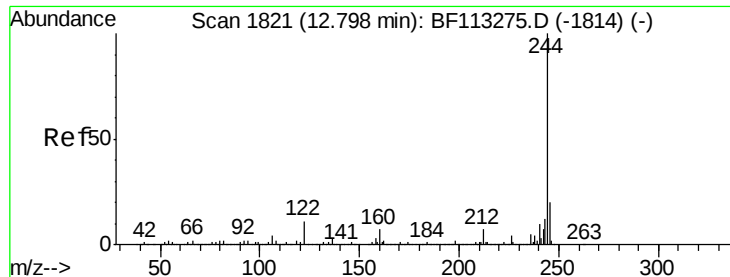
Tot Ion:240 Resp: 472065
Ion Ratio Lower Upper
240 100
120 10.7 8.8 13.2
236 25.6 20.9 31.3



#78
Pyrene
Concen: 2.028 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF113428.D
Acq: 29 Mar 2019 22:18

Tgt Ion:202 Resp: 66340
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 18.6 14.4 21.6





#79

Terphenyl-d14

Concen: 29.476 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-C

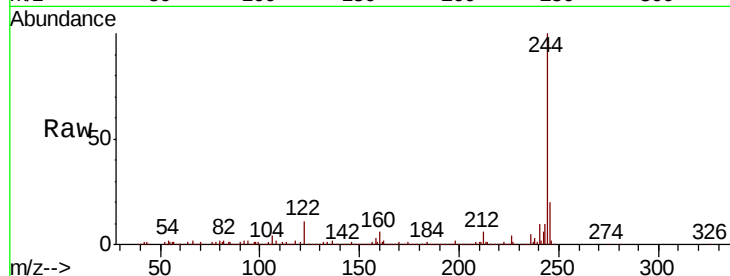
Tot Ion:244 Resp: 631295

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

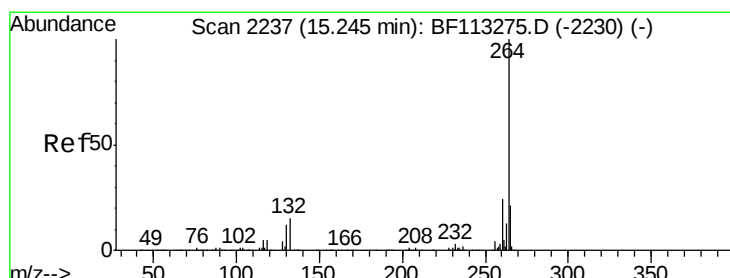
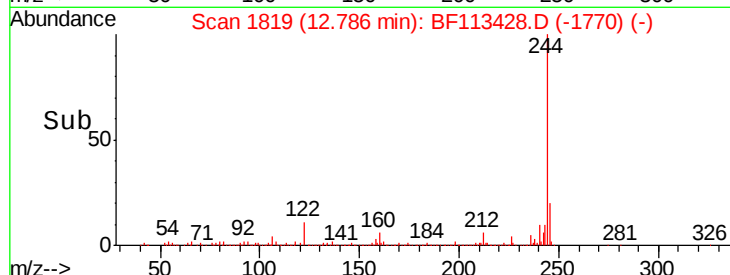
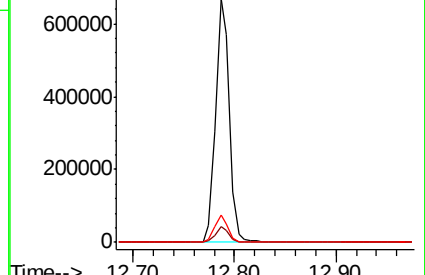
122 11.3 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. 0.00 min

Lab File: BF113428.D

Acq: 29 Mar 2019 22:18

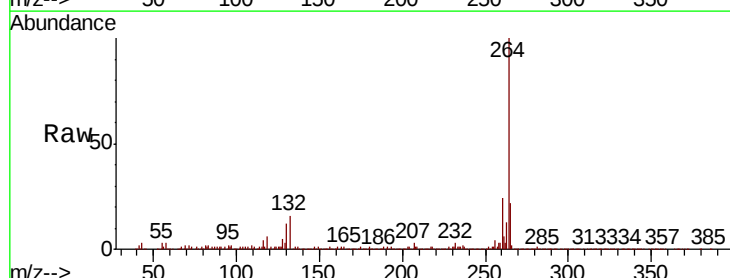
Tgt Ion:264 Resp: 430173

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.7 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

