

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113306.D
 Acq On : 26 Mar 2019 22:21
 Operator : JU/SJ
 Sample : K2099-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05-SETTLED-2H-B

Quant Time: Mar 27 07:44:03 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	185908	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	697459	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	346708	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	652573	20.00	ng	0.00
76) Chrysene-d12	13.83	240	383034	20.00	ng	-0.01
87) Perylene-d12	15.23	264	467560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	460196	40.48	ng	0.00
7) Phenol-d6	6.35	99	383464	26.66	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1075001	91.48	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	296050	69.13	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1895346	85.86	ng	0.00
79) Terphenyl-d14	12.79	244	1501443	86.40	ng	0.00

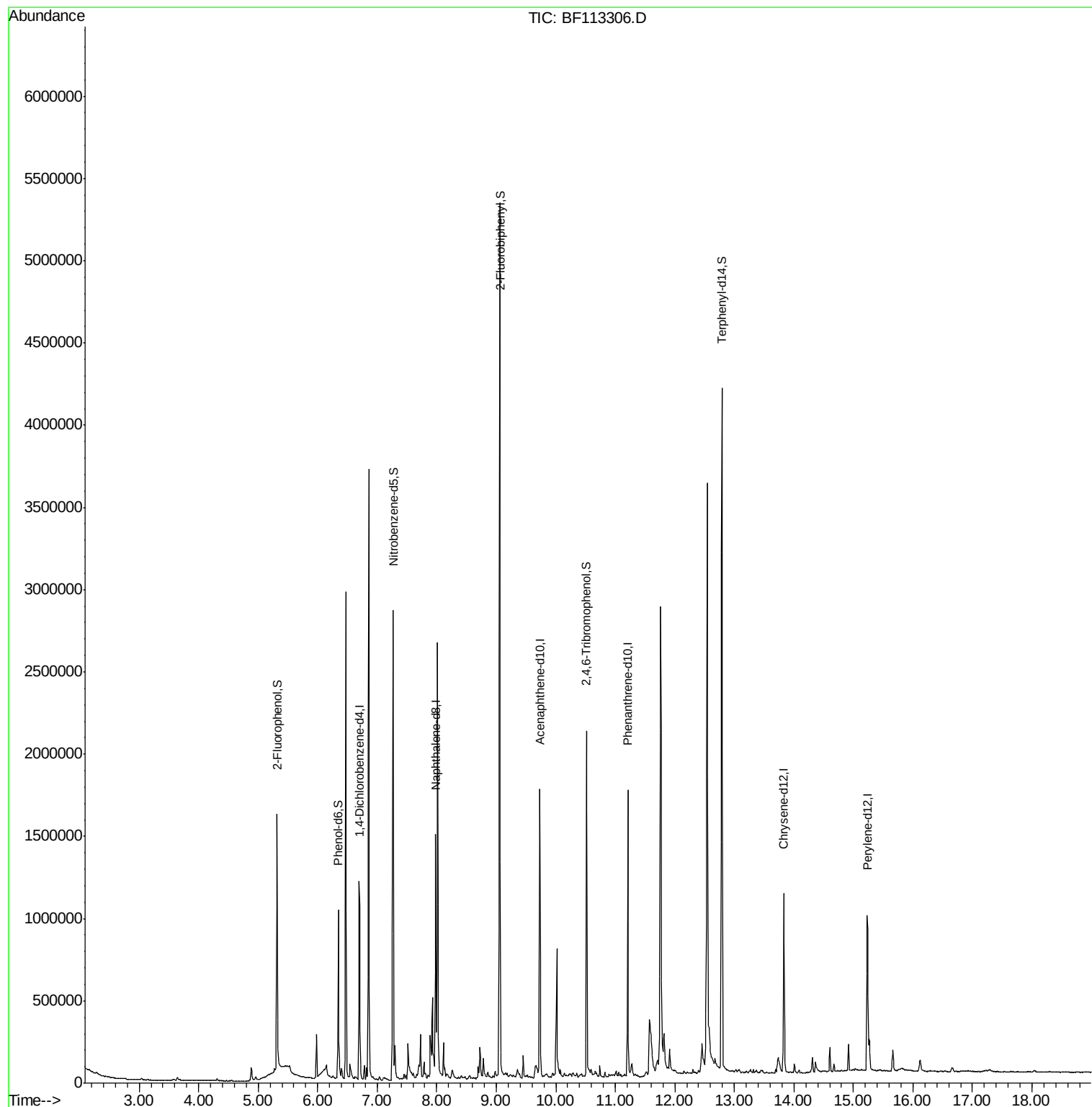
Target Compounds	Qvalue
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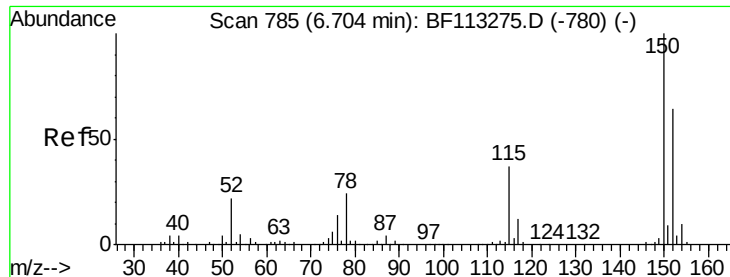
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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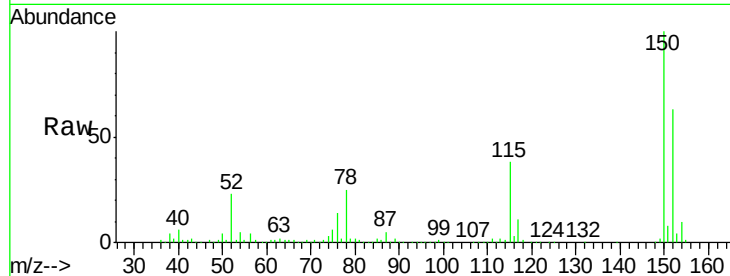


#1

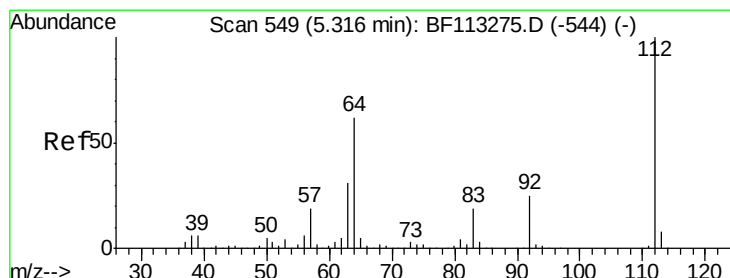
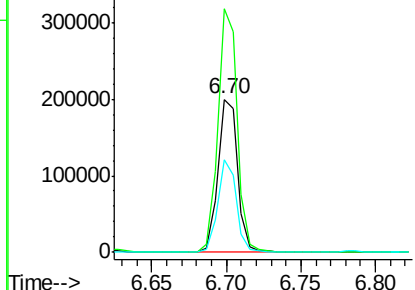
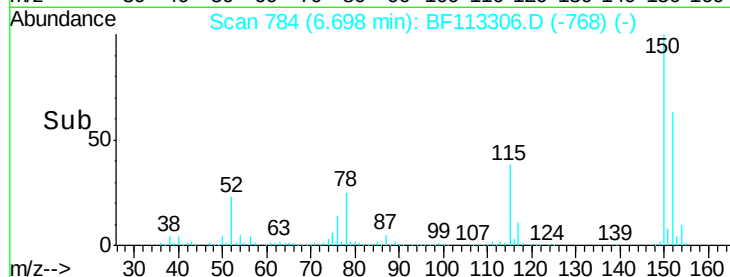
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:152 Resp: 185908
Ion Ratio Lower Upper
152 100
150 159.0 124.7 187.1
115 60.1 46.0 69.0



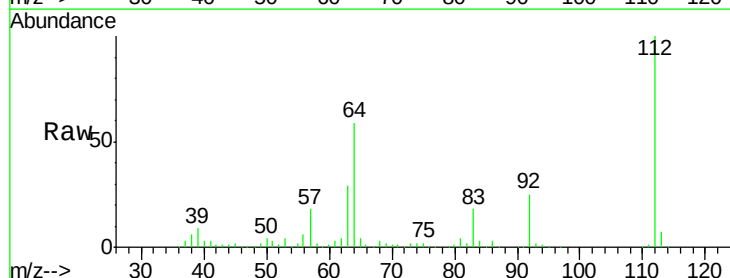
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



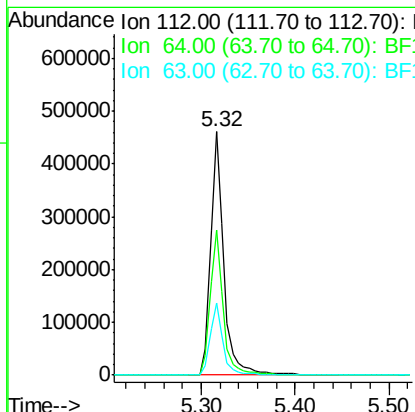
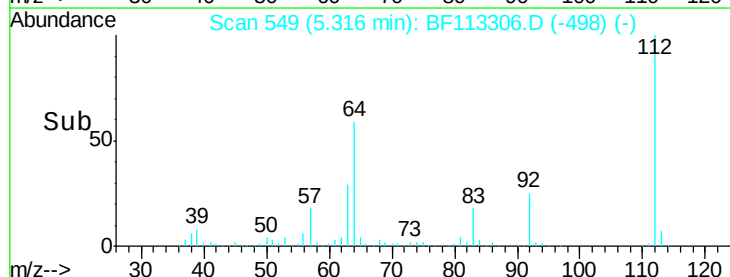
#5

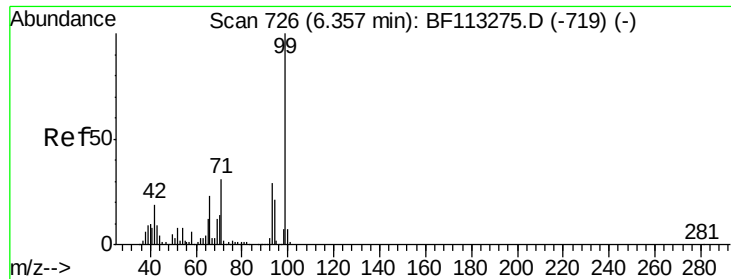
2-Fluorophenol
Concen: 40.476 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion:112 Resp: 460196
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 29.4 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: 26.660 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113306.D

Acq: 26 Mar 2019 22:21

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-2H-B

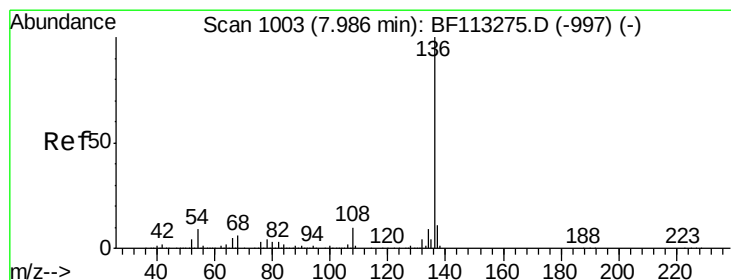
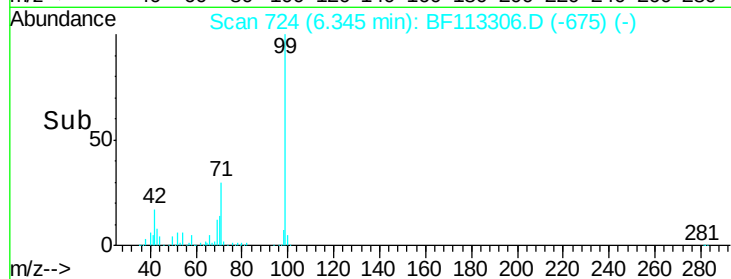
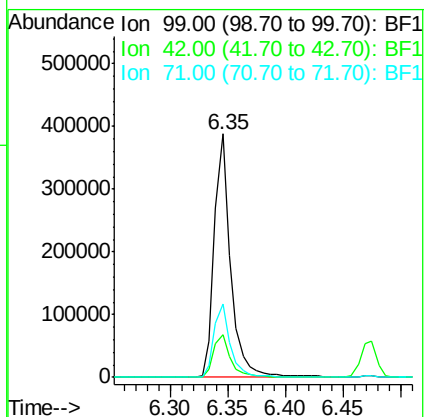
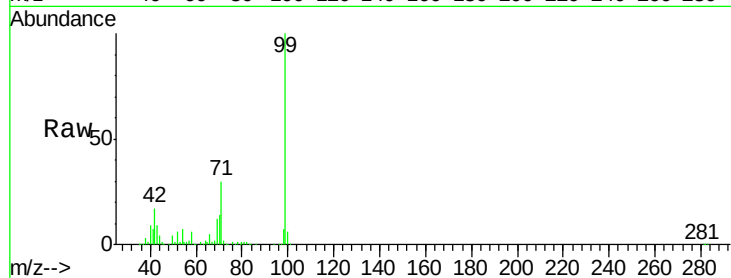
Tgt Ion: 99 Resp: 383464

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

71 29.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113306.D

Acq: 26 Mar 2019 22:21

Tgt Ion: 136 Resp: 697459

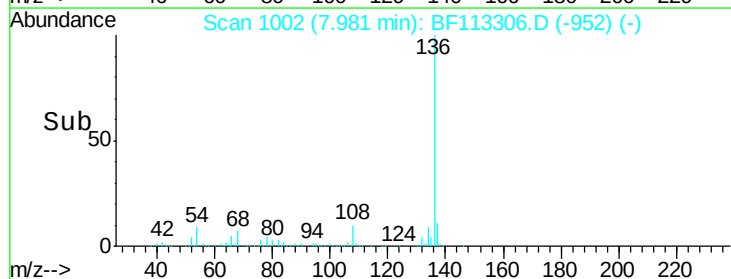
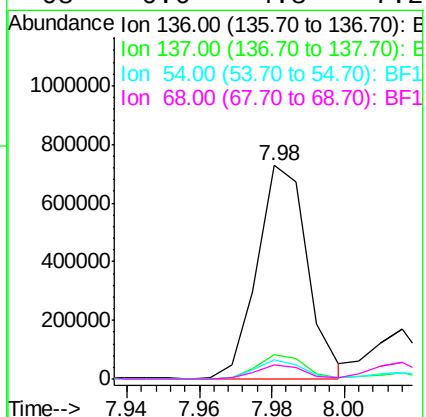
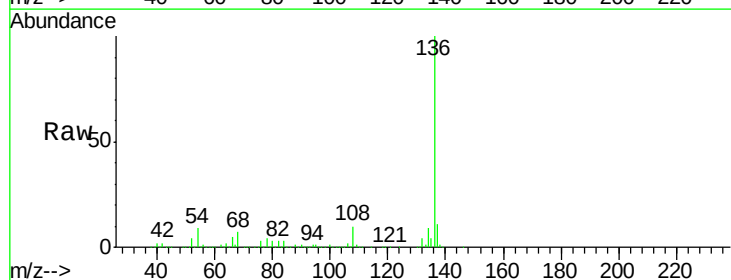
Ion Ratio Lower Upper

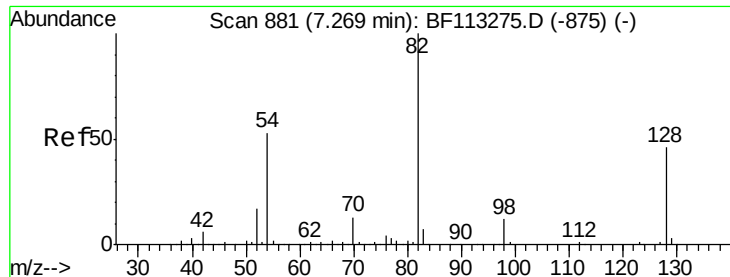
136 100

137 11.3 8.9 13.3

54 8.8 7.0 10.6

68 6.6 4.8 7.2

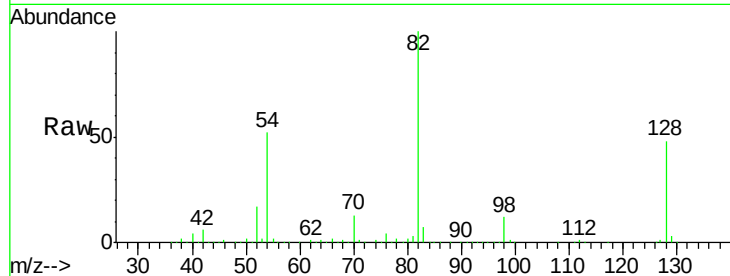




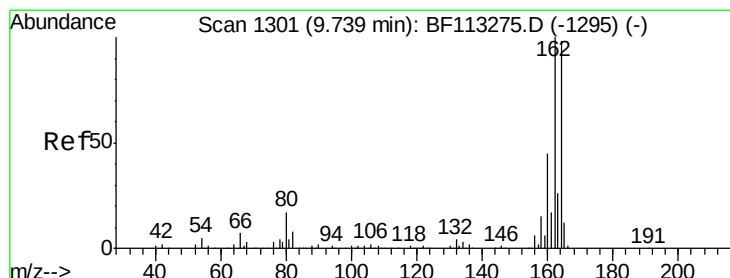
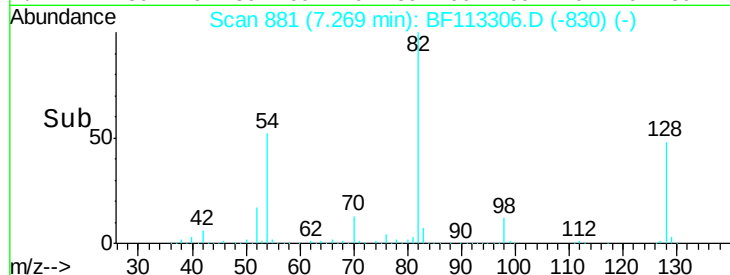
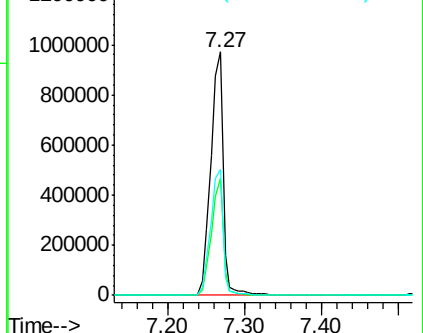
#23
 Nitrobenzene-d5
 Concen: 91.483 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113306.D
 Acq: 26 Mar 2019 22:21

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05-SETTLED-2H-B

Tgt Ion: 82 Resp: 1075001
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.5 54.7
 54 51.6 42.2 63.2

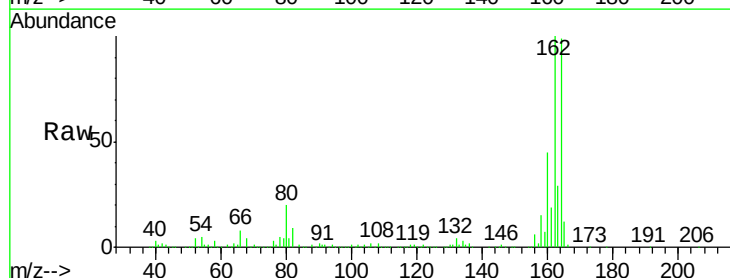


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

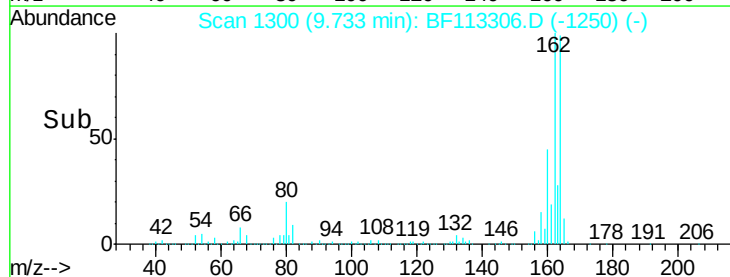
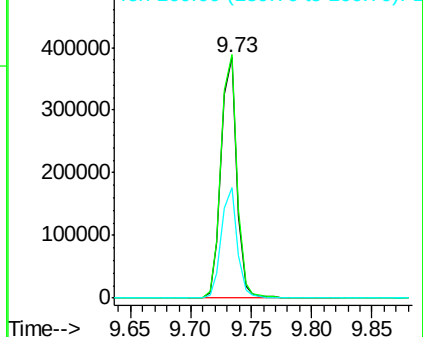


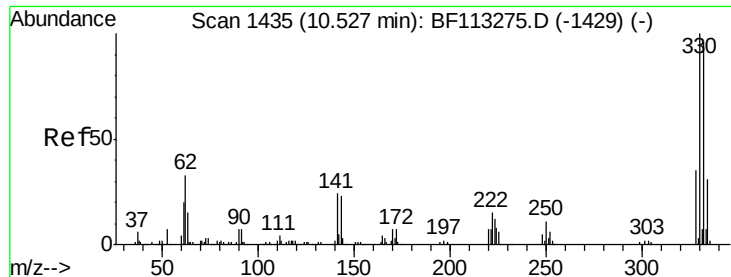
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113306.D
 Acq: 26 Mar 2019 22:21

Tgt Ion: 164 Resp: 346708
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.8 122.6
 160 45.7 36.4 54.6



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





#42

2,4,6-Tribromophenol

Concen: 69.128 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113306.D

Acq: 26 Mar 2019 22:21

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-2H-B

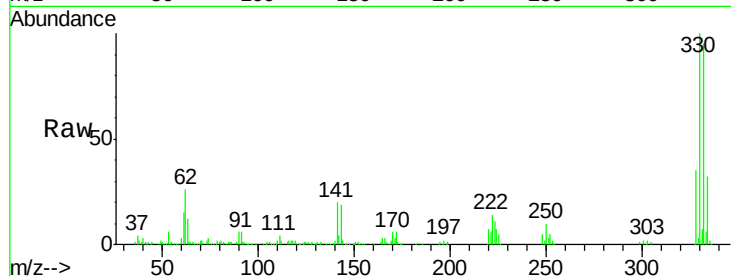
Tgt Ion:330 Resp: 296050

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

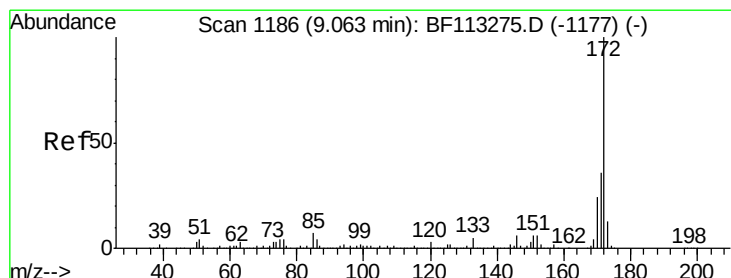
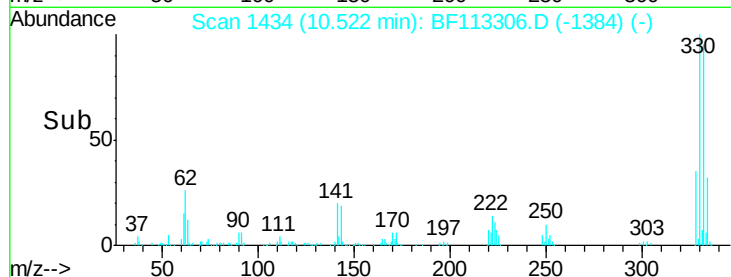
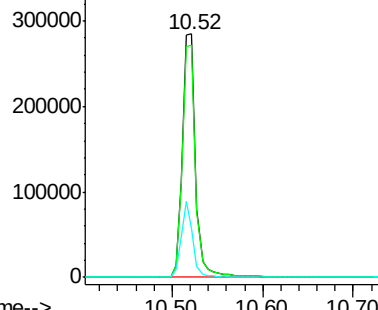
141 27.5 22.7 34.1



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: 85.861 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113306.D

Acq: 26 Mar 2019 22:21

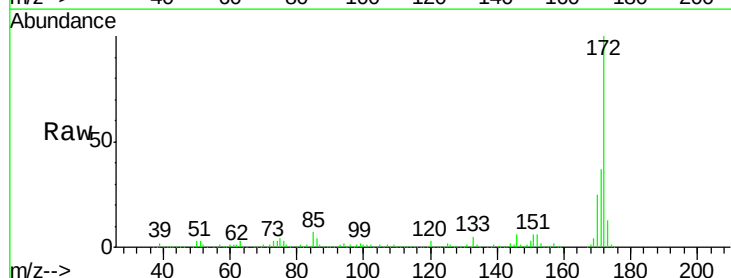
Tgt Ion:172 Resp: 1895346

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

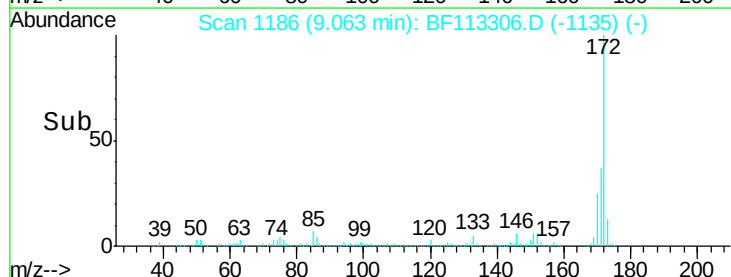
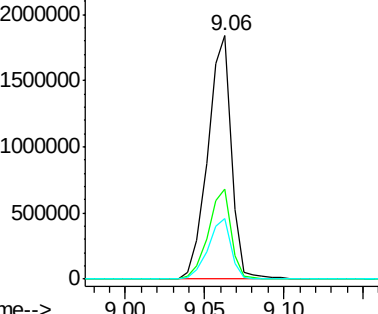
170 25.1 19.5 29.3

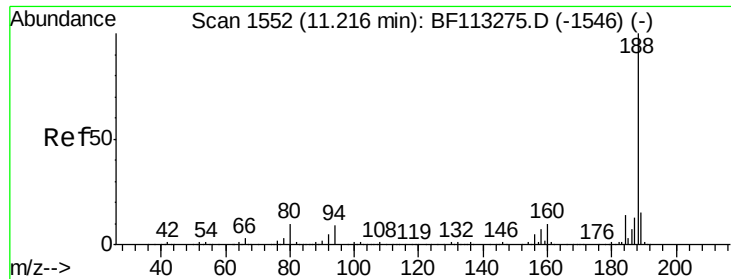


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

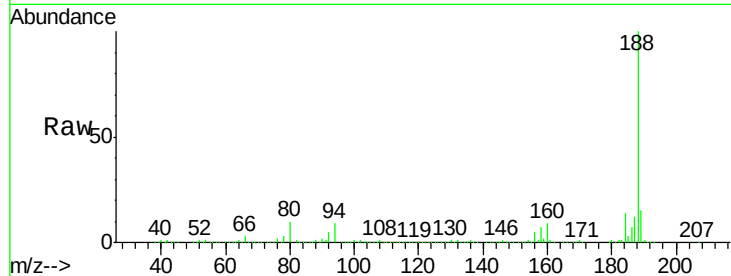




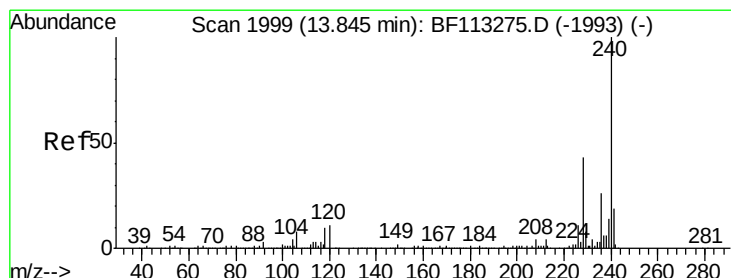
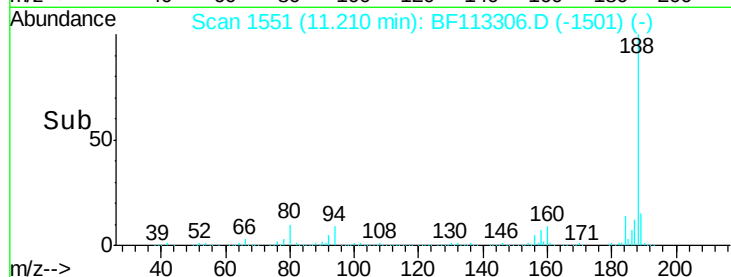
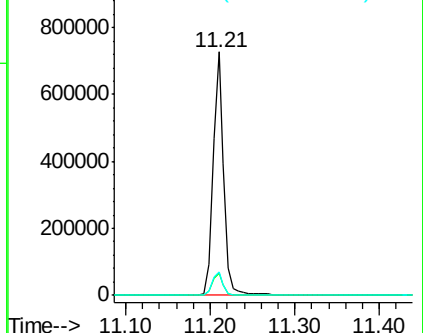
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-2H-B

Tgt Ion:188 Resp: 652573
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.8 7.7 11.5

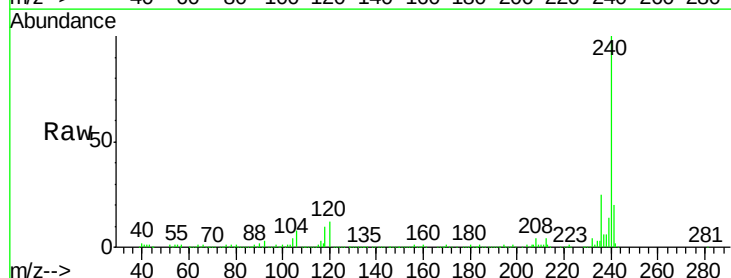


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

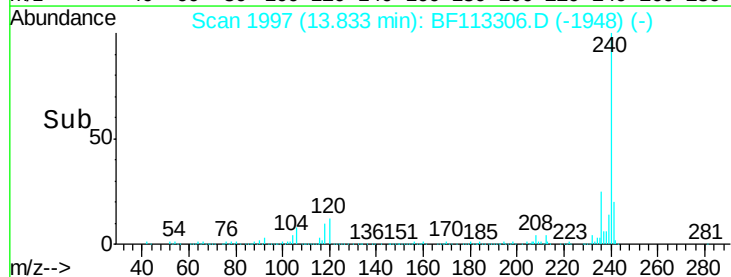
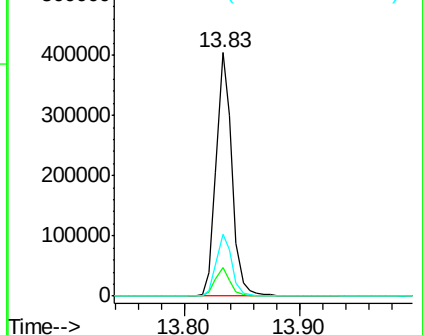


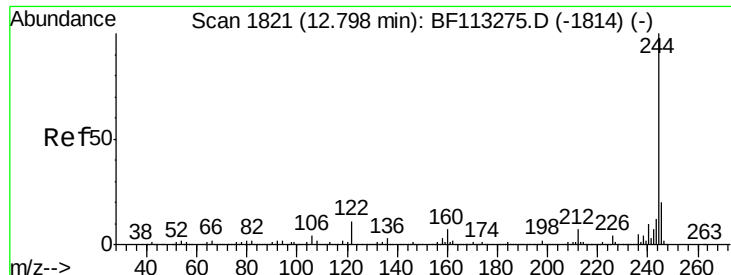
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113306.D
Acq: 26 Mar 2019 22:21

Tgt Ion:240 Resp: 383034
Ion Ratio Lower Upper
240 100
120 11.8 8.8 13.2
236 25.5 20.9 31.3



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





#79

Terphenyl-d14

Concen: 86.401 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113306.D

Acq: 26 Mar 2019 22:21

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-2H-B

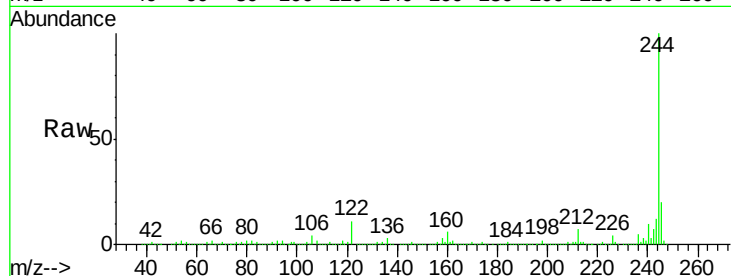
Tgt Ion:244 Resp: 1501443

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

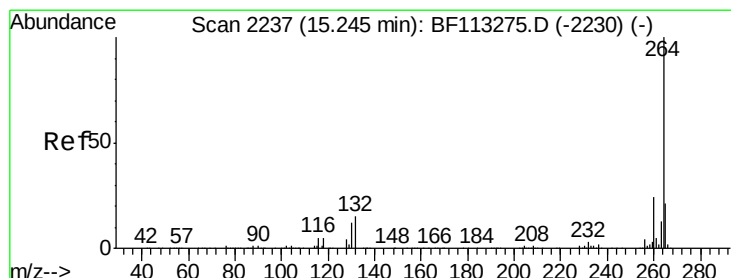
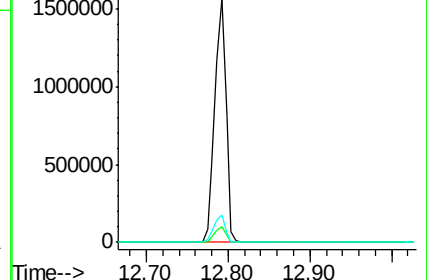
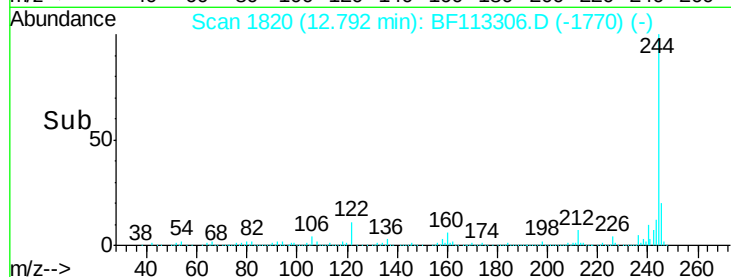
122 11.1 8.6 13.0



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF113306.D

Acq: 26 Mar 2019 22:21

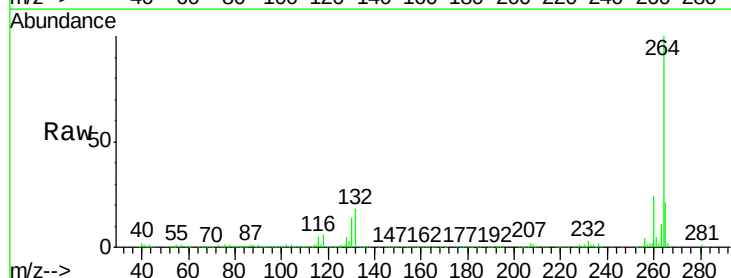
Tgt Ion:264 Resp: 467560

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.1 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

