

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113204.D
 Acq On : 21 Mar 2019 13:11
 Operator : JU/SJ
 Sample : K1688-33 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-G

Quant Time: Mar 22 01:06:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149754	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	641994	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	313500	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	582582	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	410134	20.00	ng	0.00
87) Perylene-d12	15.27	264	465815	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	75957	7.89	ng	-0.01
7) Phenol-d6	6.36	99	105660	8.74	ng	-0.01
23) Nitrobenzene-d5	7.28	82	56894	5.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	37315	11.21	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	159280	5.43	ng	-0.02
79) Terphenyl-d14	12.81	244	136507	6.45	ng	-0.01

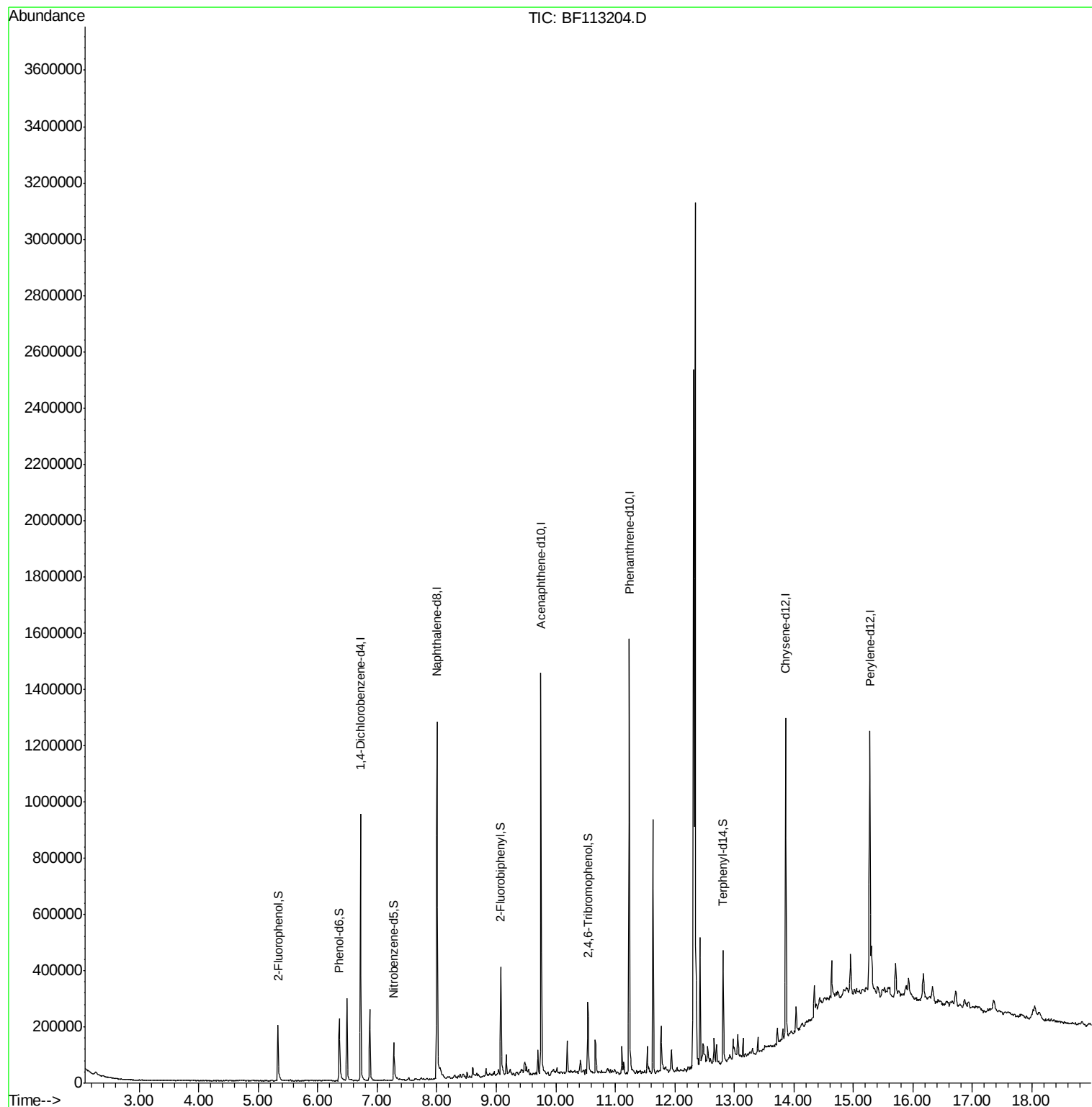
Target Compounds	Qvalue
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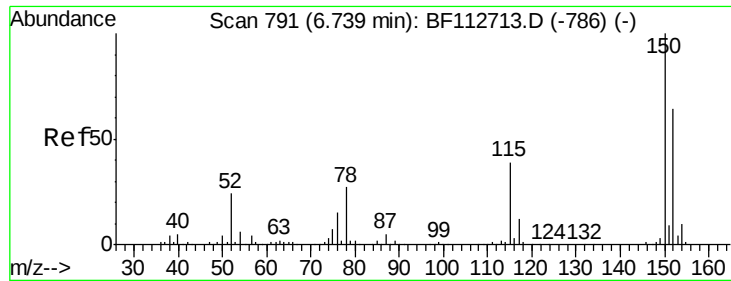
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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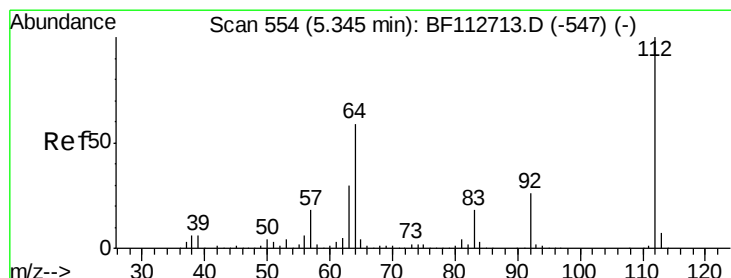
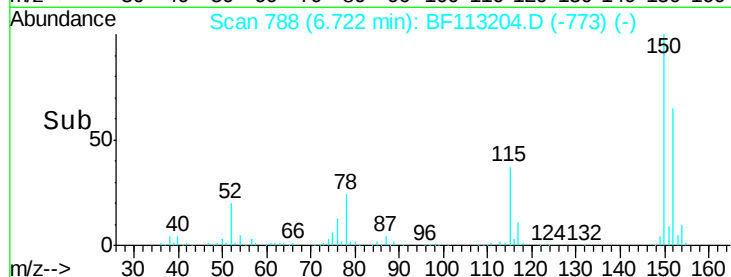
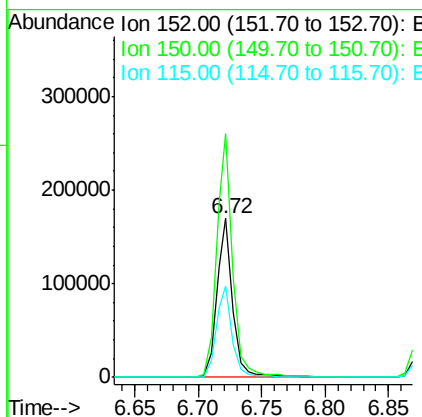
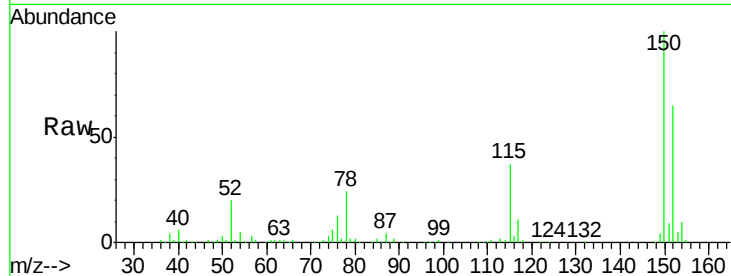




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113204.D
 Acq: 21 Mar 2019 13:11

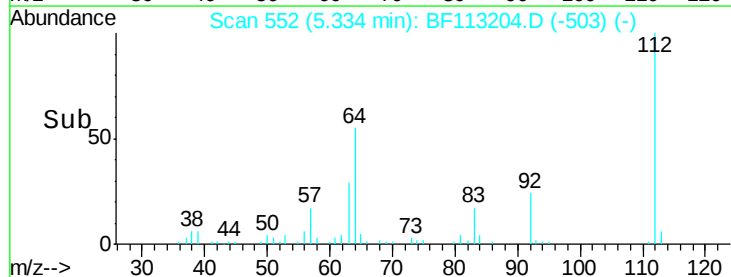
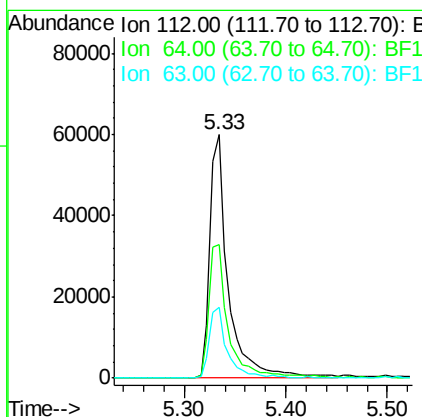
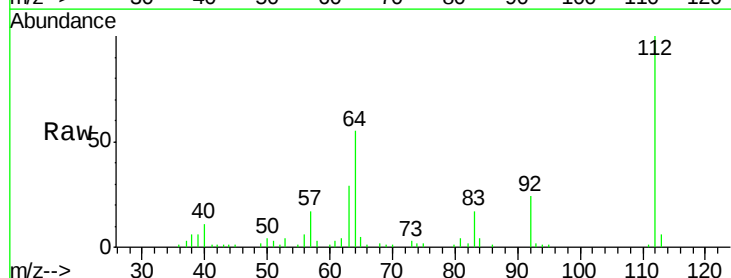
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-G

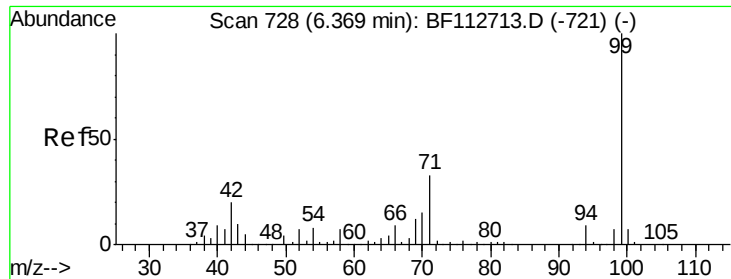
Tgt Ion:152 Resp: 149754
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.2 186.2
 115 57.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 7.890 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113204.D
 Acq: 21 Mar 2019 13:11

Tgt Ion:112 Resp: 75957
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.6 71.4
 63 29.2 24.4 36.6





#7

Phenol-d6

Concen: 8.737 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113204.D

Acq: 21 Mar 2019 13:11

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-G

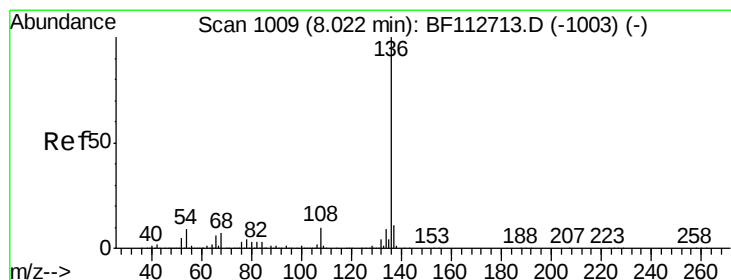
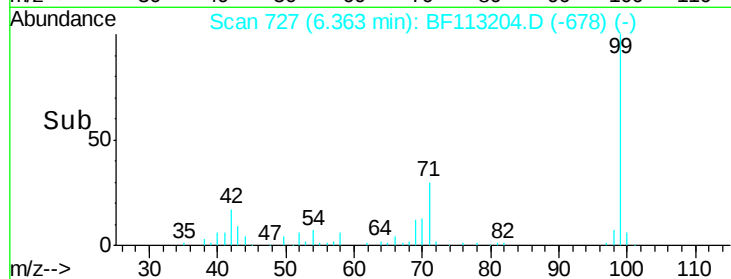
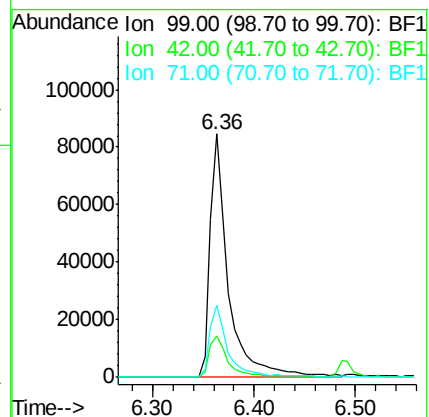
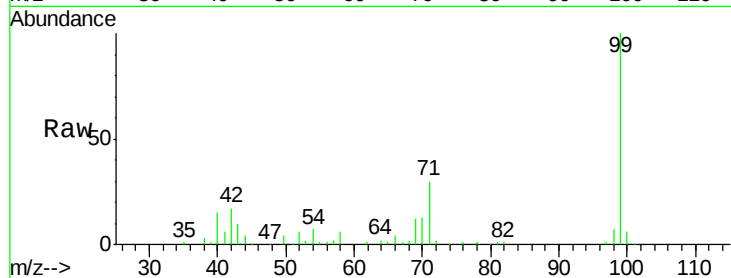
Tgt Ion: 99 Resp: 105660

Ion Ratio Lower Upper

99 100

42 16.9 16.3 24.5

71 29.8 26.2 39.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113204.D

Acq: 21 Mar 2019 13:11

Tgt Ion: 136 Resp: 641994

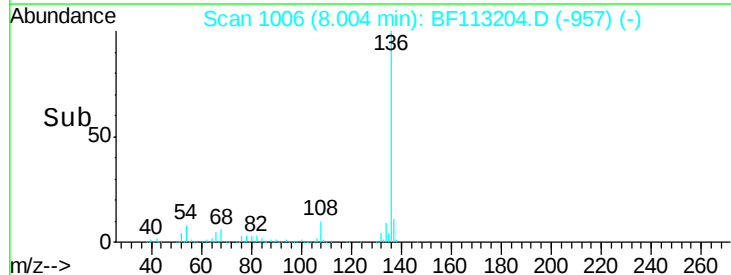
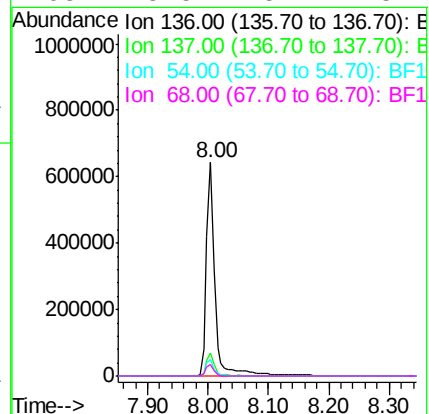
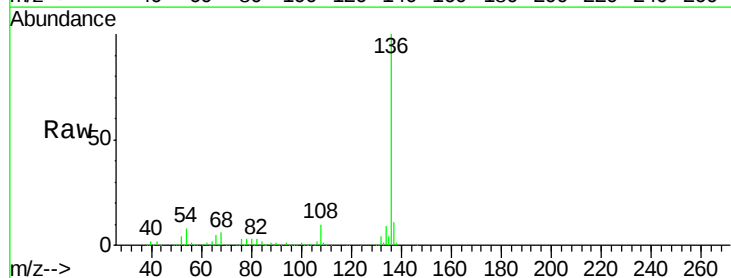
Ion Ratio Lower Upper

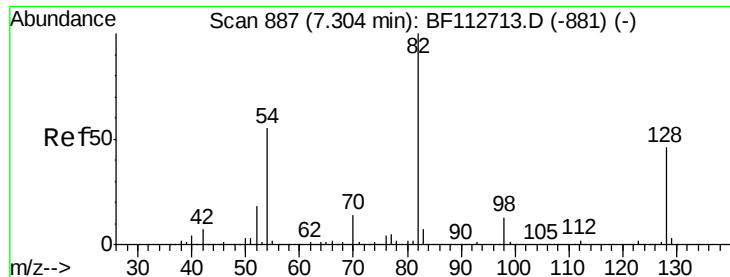
136 100

137 11.0 8.9 13.3

54 7.9 7.3 10.9

68 5.5 5.4 8.2

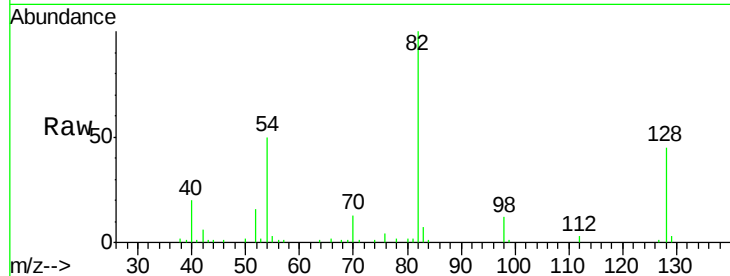




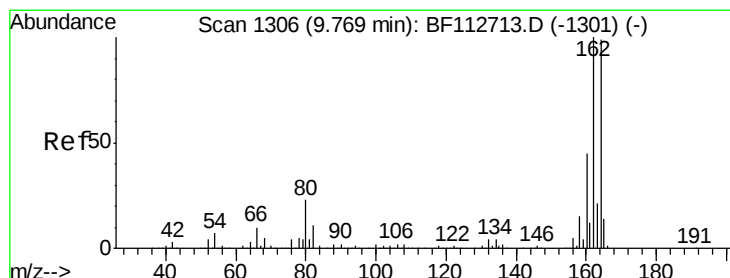
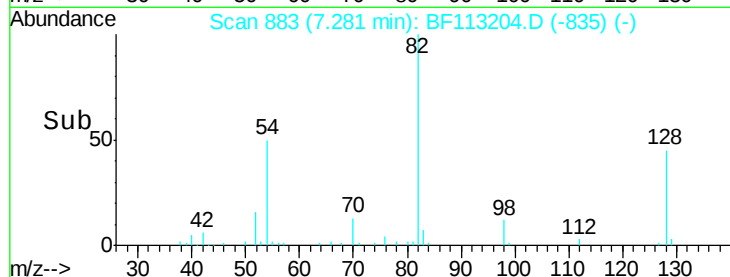
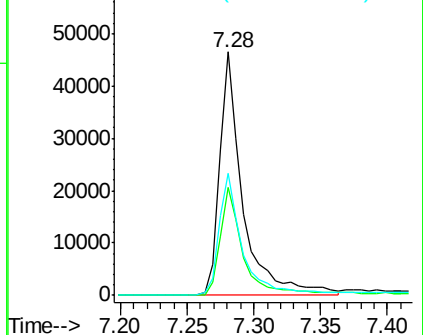
#23
Nitrobenzene-d5
Concen: 5.303 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-G

Tgt Ion: 82 Resp: 56894
Ion Ratio Lower Upper
82 100
128 44.5 36.3 54.5
54 50.1 43.7 65.5

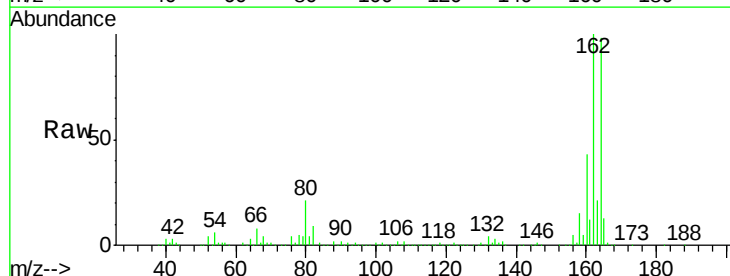


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

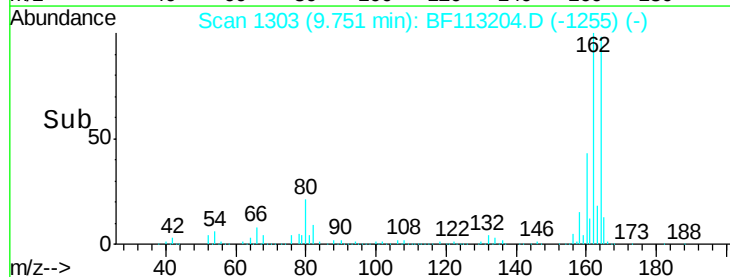
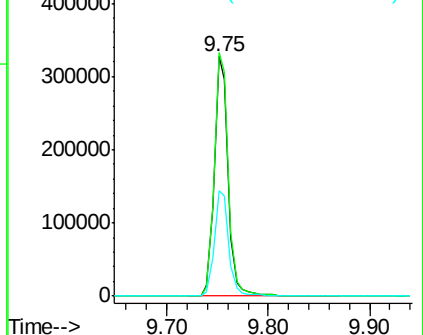


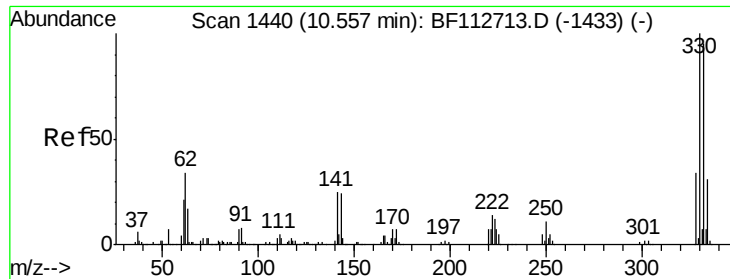
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion: 164 Resp: 313500
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.1 36.0 54.0



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

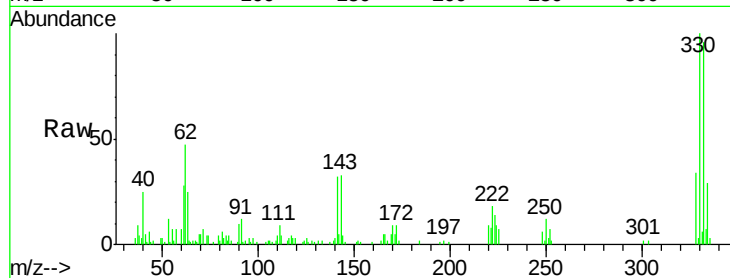




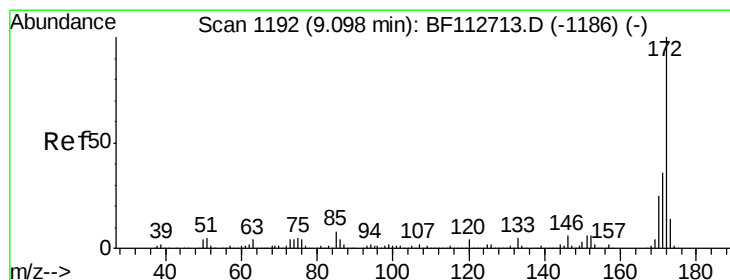
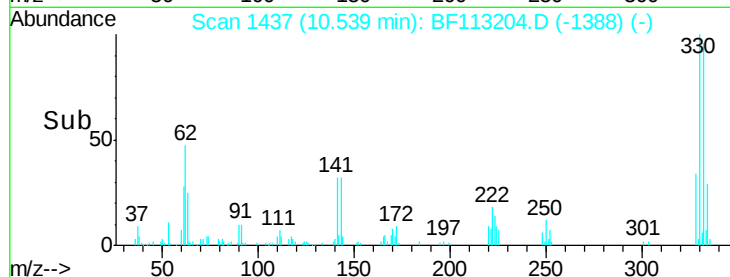
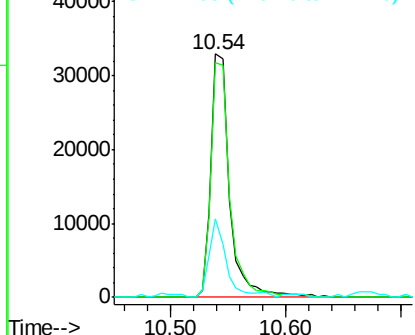
#42
 2,4,6-Tribromophenol
 Concen: 11.212 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113204.D
 Acq: 21 Mar 2019 13:11

Instrument :
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 JC-02-031919-G

Tgt Ion:330 Resp: 37315
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.2 114.4
 141 29.8 27.0 40.6

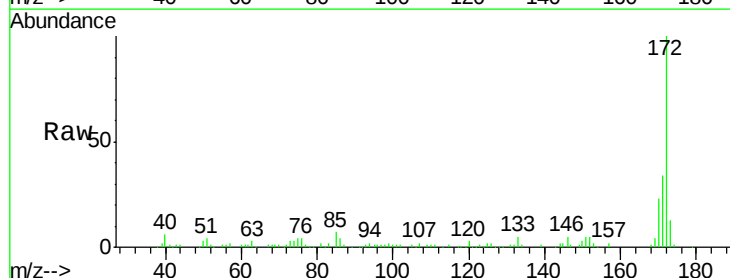


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

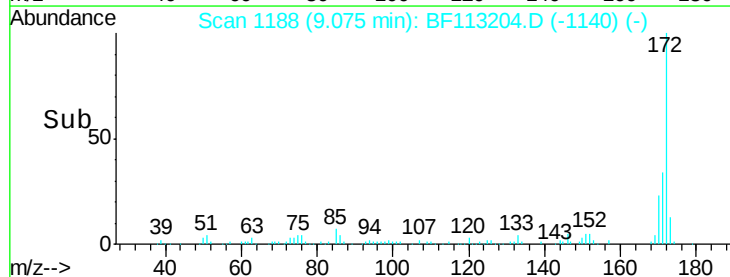
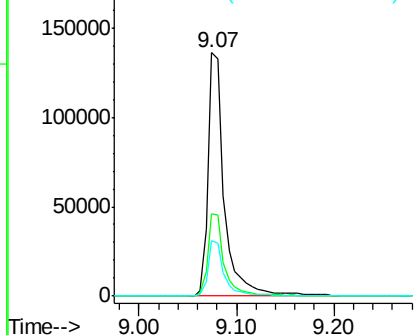


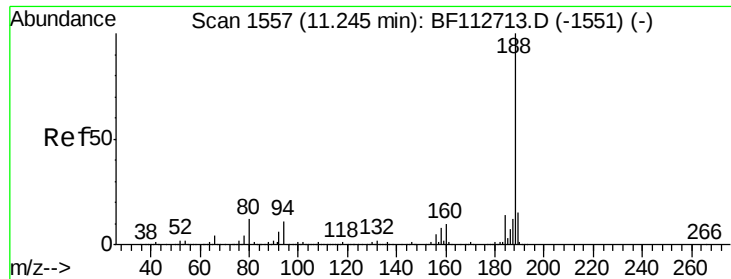
#45
 2-Fluorobiphenyl
 Concen: 5.430 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF113204.D
 Acq: 21 Mar 2019 13:11

Tgt Ion:172 Resp: 159280
 Ion Ratio Lower Upper
 172 100
 171 34.1 29.0 43.4
 170 22.9 20.0 30.0



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

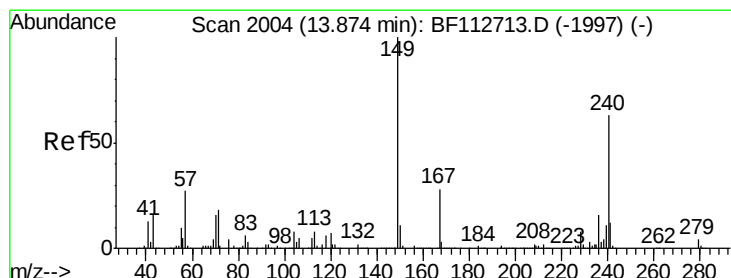
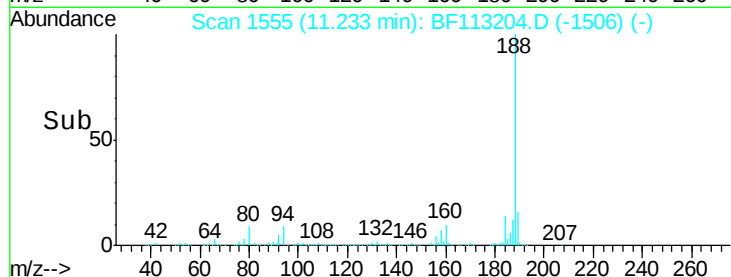
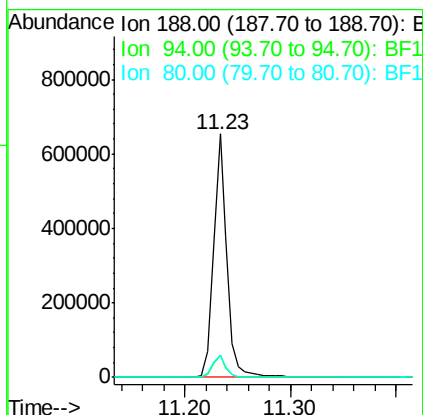
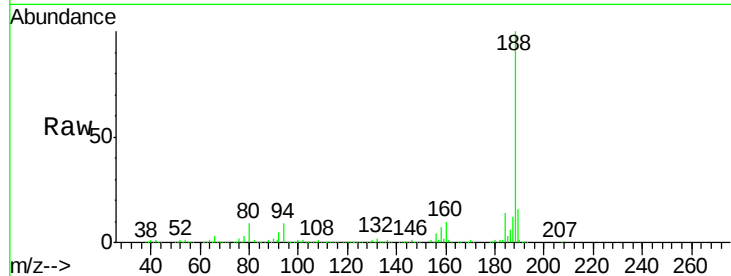




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

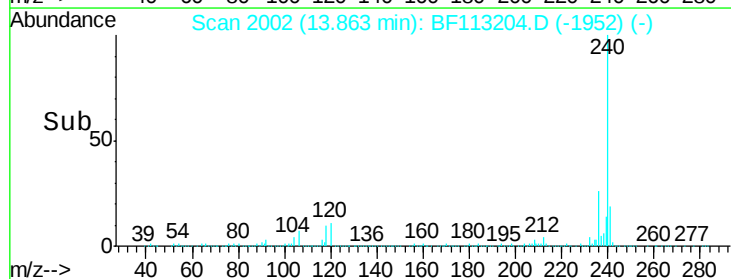
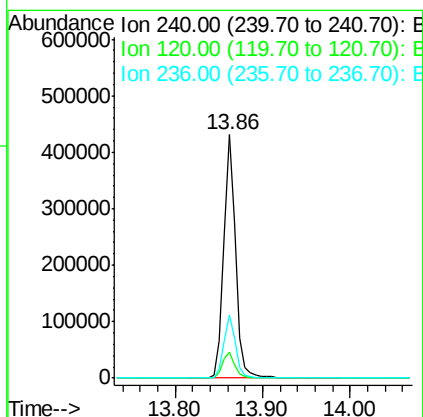
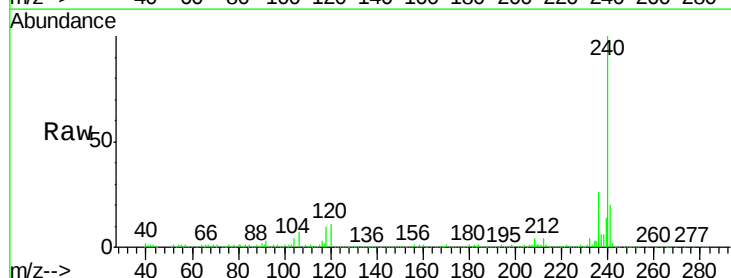
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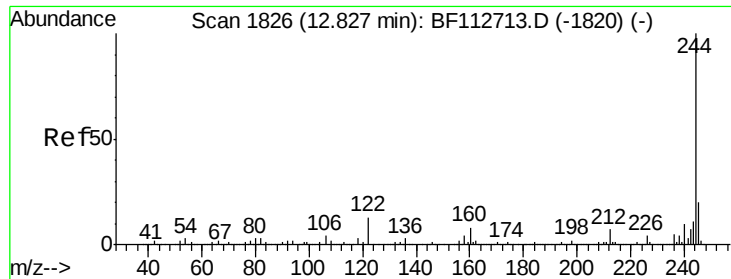
Tgt Ion:188 Resp: 582582
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113204.D
Acq: 21 Mar 2019 13:11

Tgt Ion:240 Resp: 410134
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.0 20.7 31.1

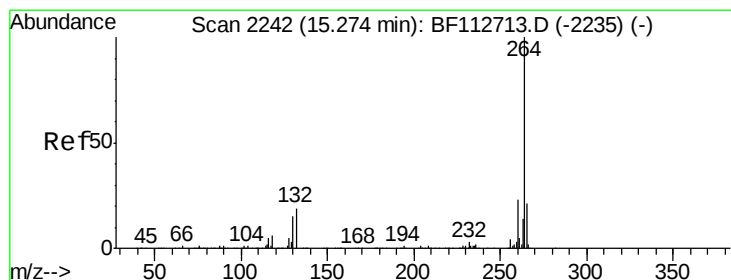
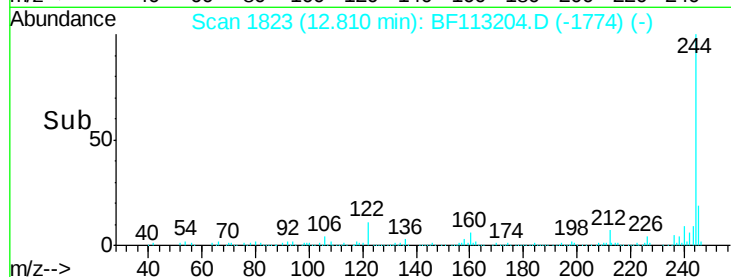
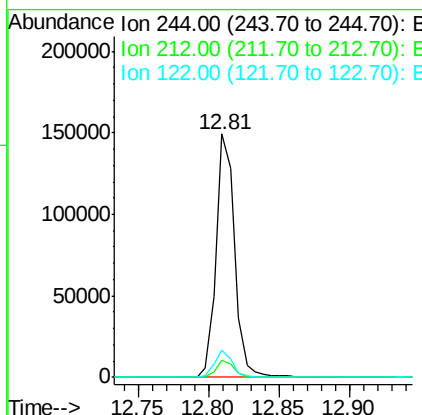
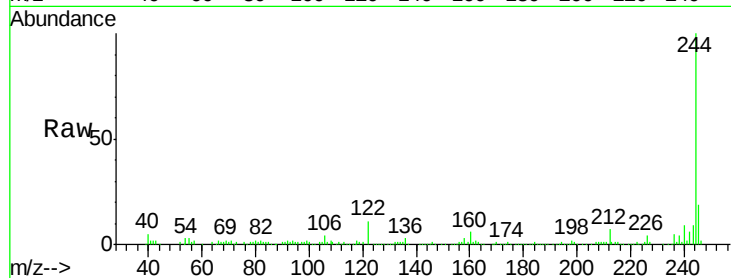




#79
 Terphenyl-d14
 Concen: 6.452 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113204.D
 Acq: 21 Mar 2019 13:11

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-G

Tgt Ion: 244 Resp: 136507
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.0 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113204.D
 Acq: 21 Mar 2019 13:11

Tgt Ion: 264 Resp: 465815
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.4 17.2 25.8

