

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113206.D
 Acq On : 21 Mar 2019 14:08
 Operator : JU/SJ
 Sample : K1688-37 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 22 01:09:17 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	164458	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	576291	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	298424	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	604504	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	429172	20.00	ng	0.00
87) Perylene-d12	15.27	264	335631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	97928	9.26	ng	-0.01
7) Phenol-d6	6.36	99	148677	11.20	ng	-0.01
23) Nitrobenzene-d5	7.28	82	78326	8.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	46675	14.73	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	173137	6.44	ng	-0.01
79) Terphenyl-d14	12.82	244	160655	7.26	ng	0.00

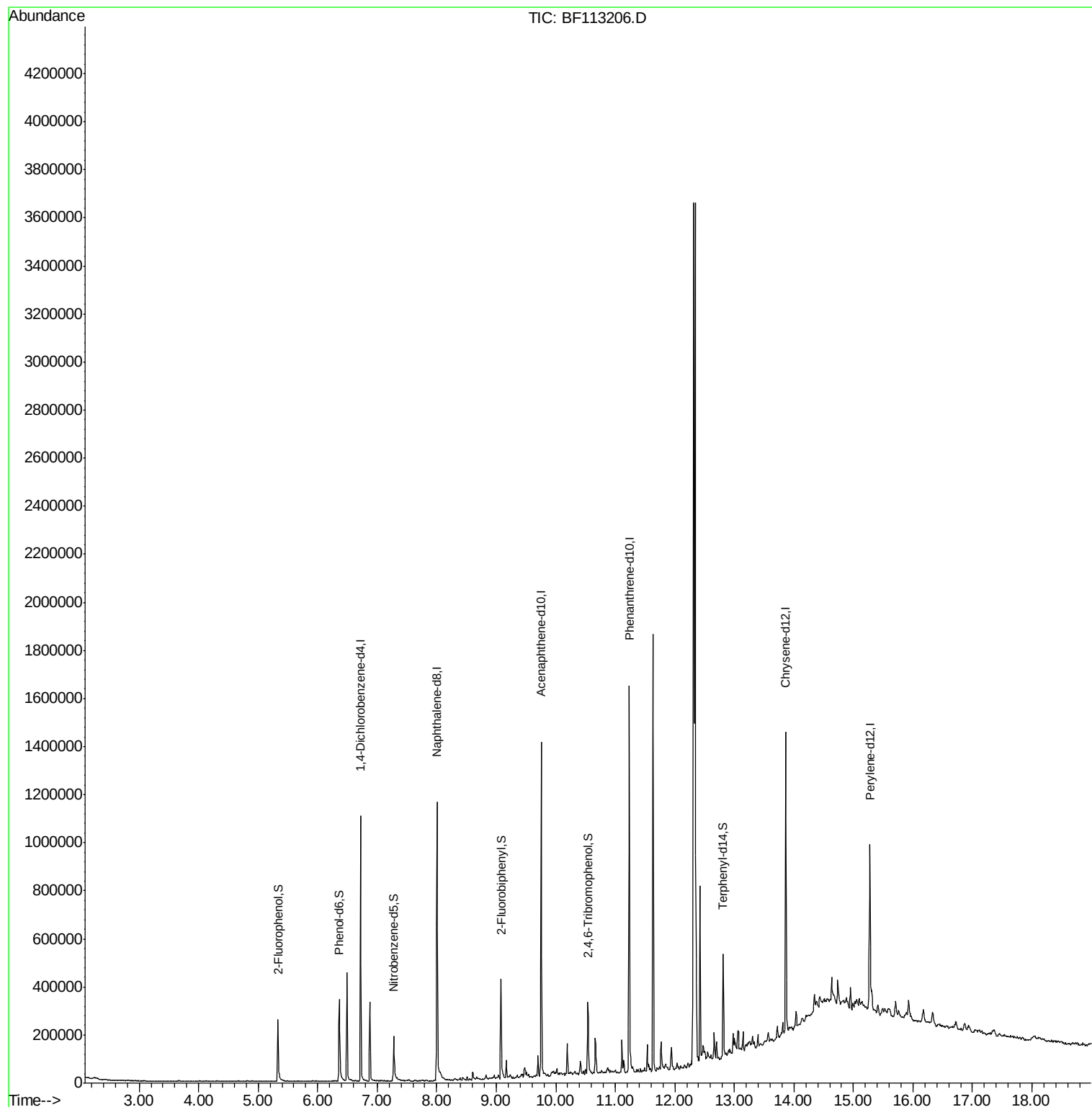
Target Compounds	Qvalue
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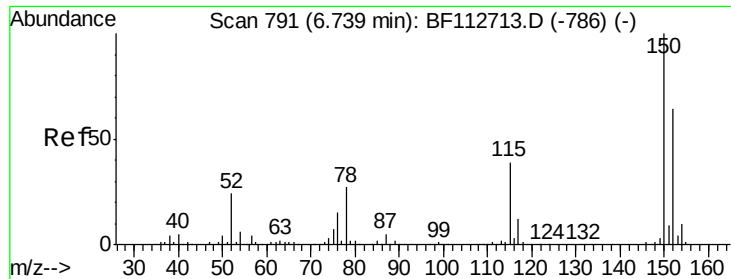
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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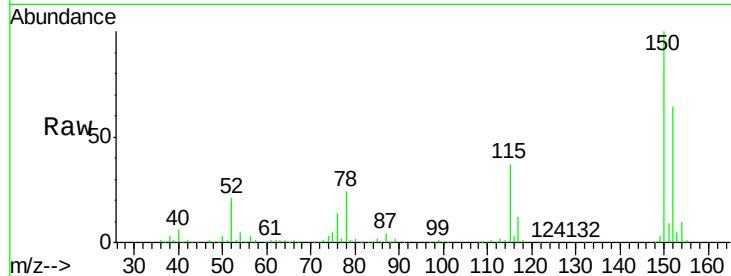


#1

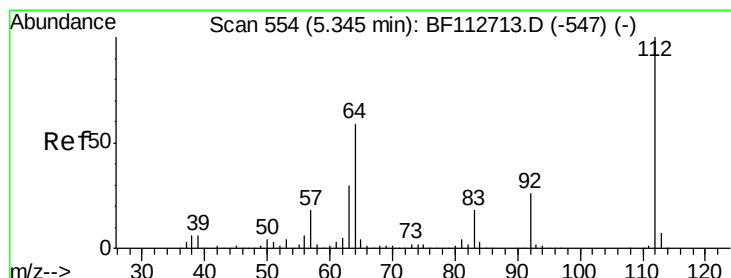
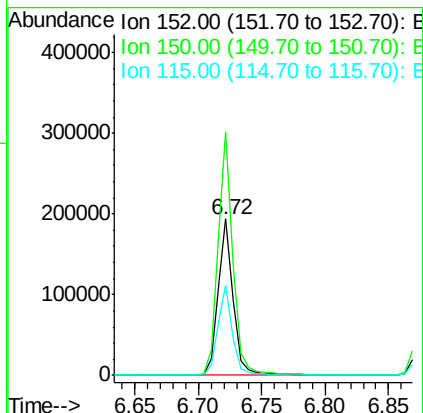
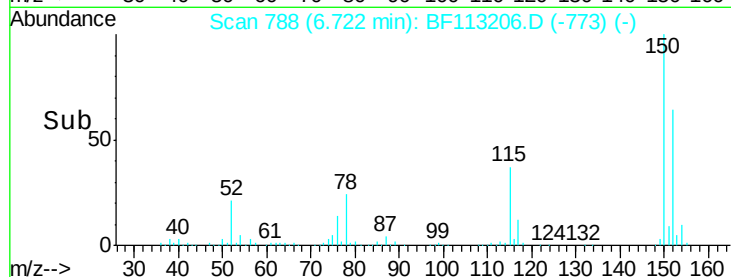
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

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

Tgt Ion:152 Resp: 164458
Ion Ratio Lower Upper
152 100
150 156.1 124.2 186.2
115 58.1 48.2 72.4



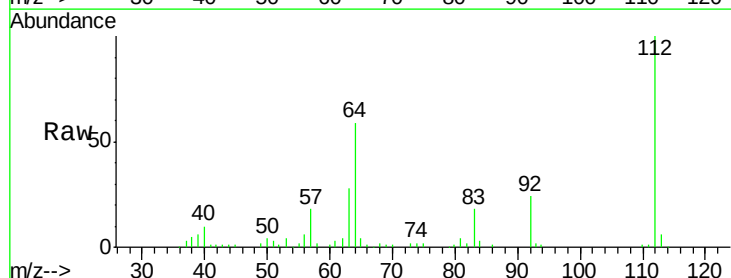
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



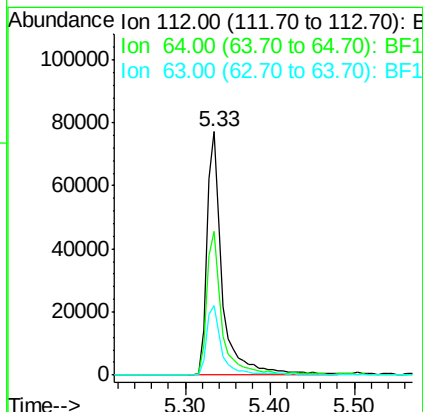
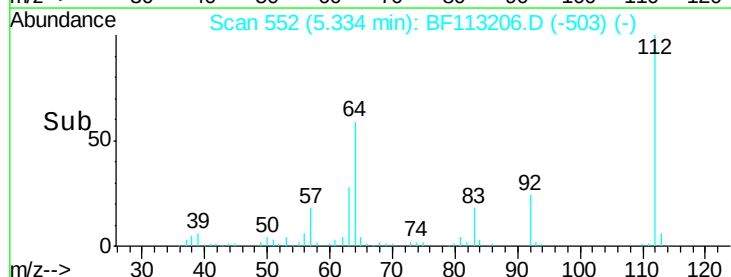
#5

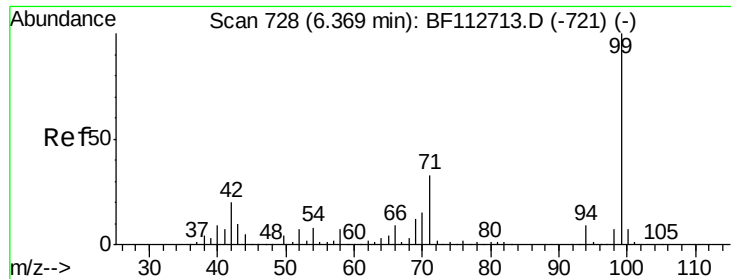
2-Fluorophenol
Concen: 9.263 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:112 Resp: 97928
Ion Ratio Lower Upper
112 100
64 58.9 47.6 71.4
63 28.4 24.4 36.6



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: 11.195 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113206.D

Acq: 21 Mar 2019 14:08

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

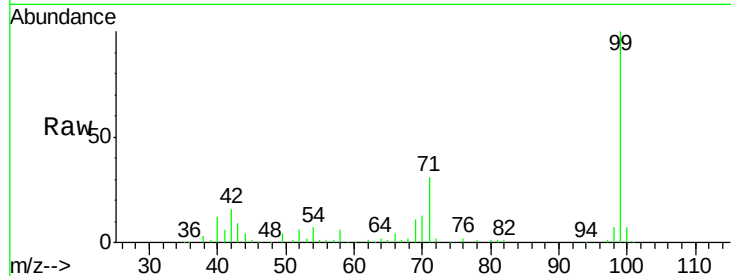
Tgt Ion: 99 Resp: 148677

Ion Ratio Lower Upper

99 100

42 16.2 16.3 24.5#

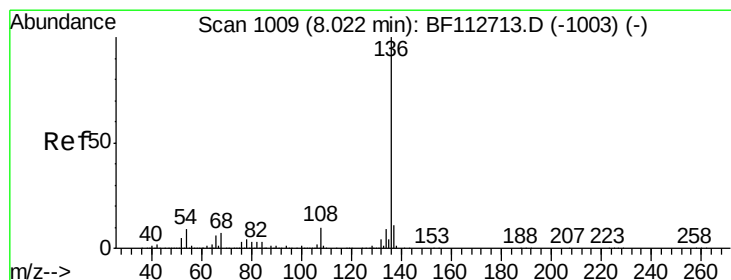
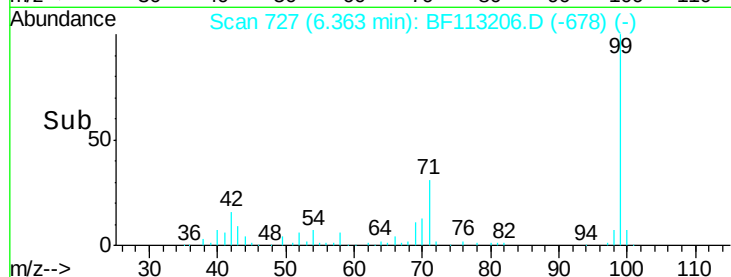
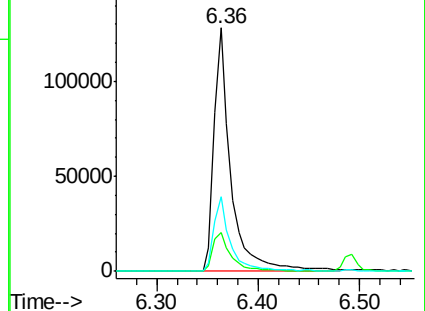
71 30.8 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113206.D

Acq: 21 Mar 2019 14:08

Tgt Ion: 136 Resp: 576291

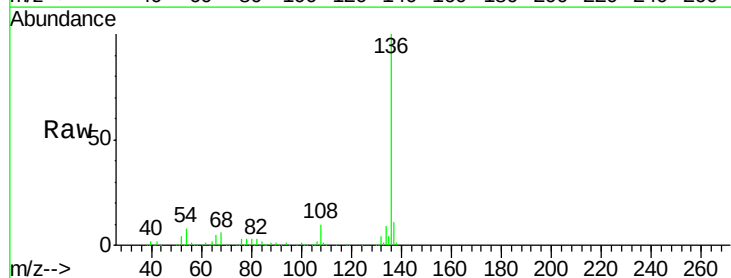
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.3 10.9

68 5.8 5.4 8.2

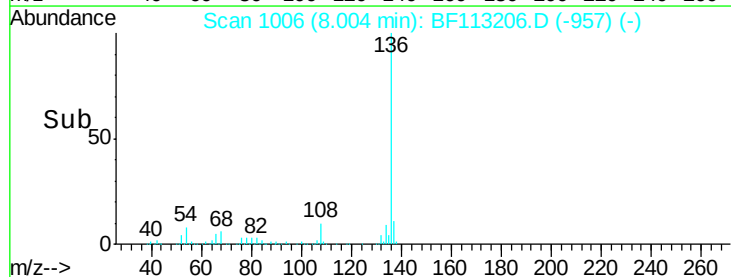
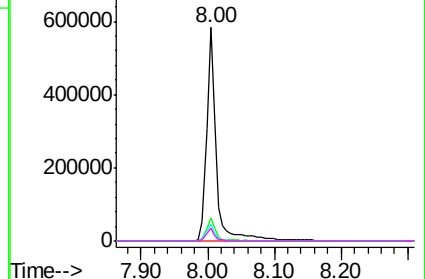


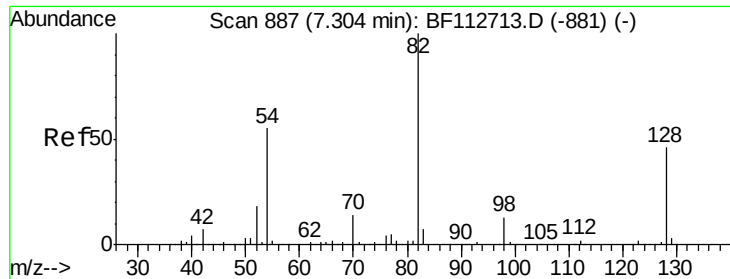
Abundance Ion 136.00 (135.70 to 136.70): E

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

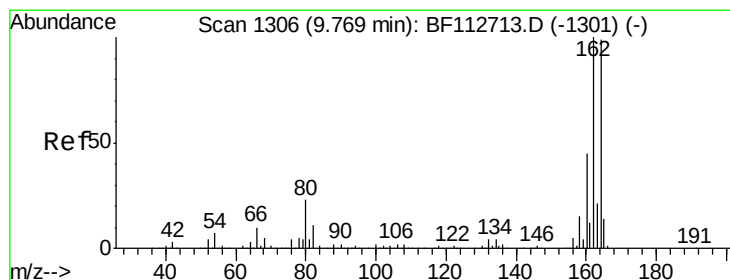
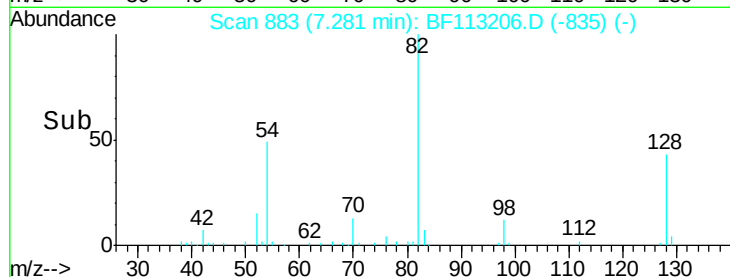
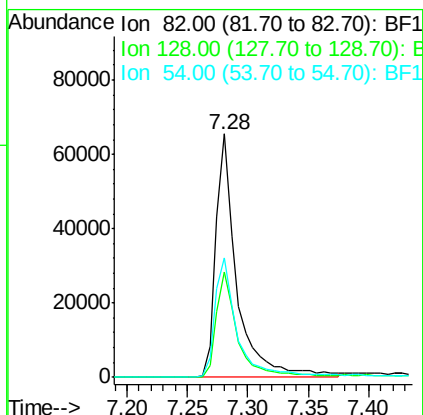
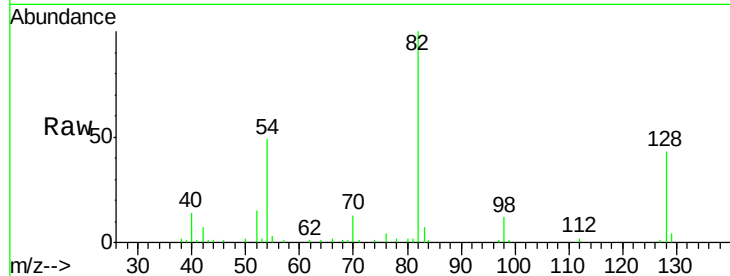




#23
Nitrobenzene-d5
Concen: 8.133 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

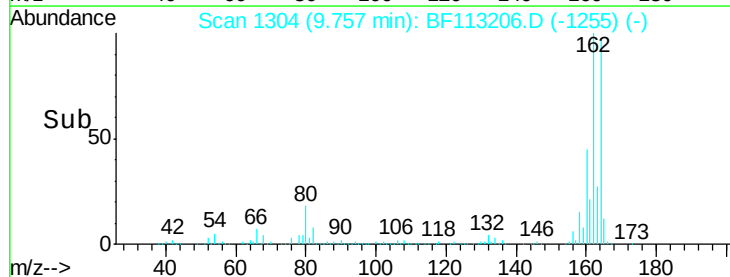
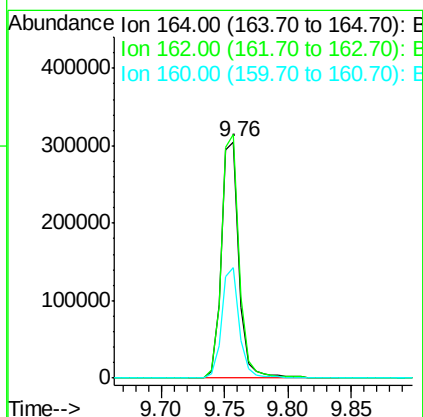
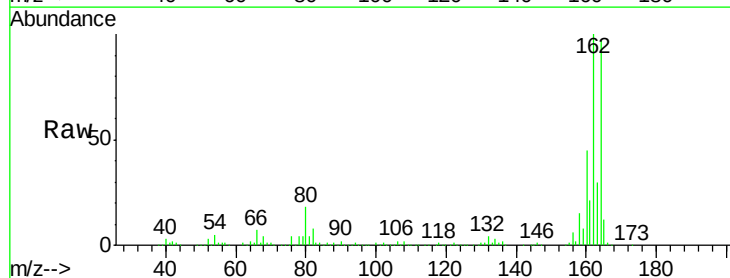
Instrument :
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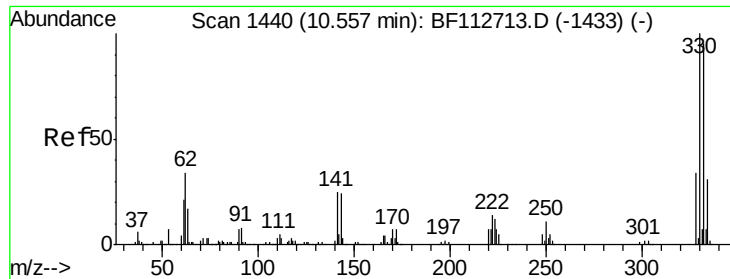
Tgt Ion: 82 Resp: 78326
Ion Ratio Lower Upper
82 100
128 43.4 36.3 54.5
54 48.9 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion: 164 Resp: 298424
Ion Ratio Lower Upper
164 100
162 102.9 80.6 120.8
160 46.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 14.733 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113206.D

Acq: 21 Mar 2019 14:08

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

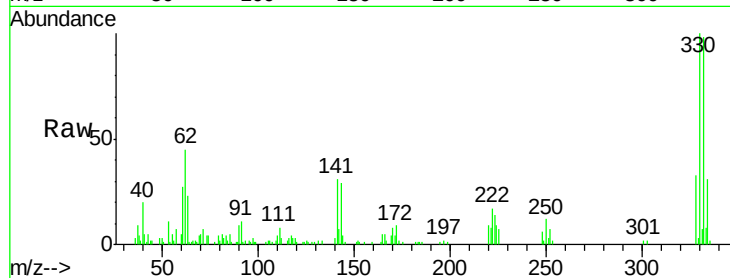
Tgt Ion:330 Resp: 46675

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

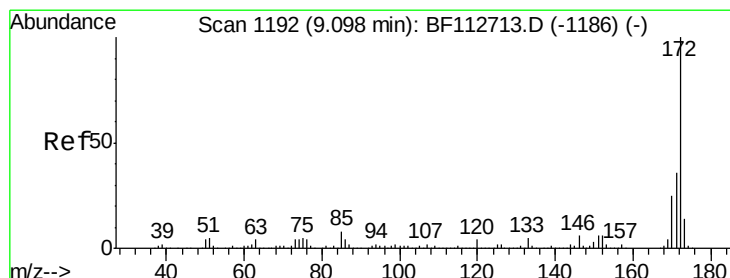
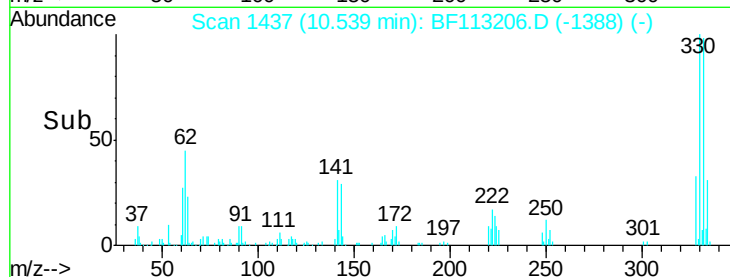
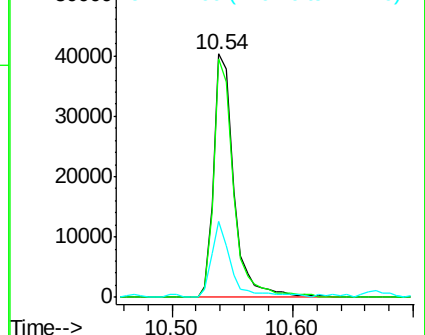
141 30.5 27.0 40.6



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: 6.436 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113206.D

Acq: 21 Mar 2019 14:08

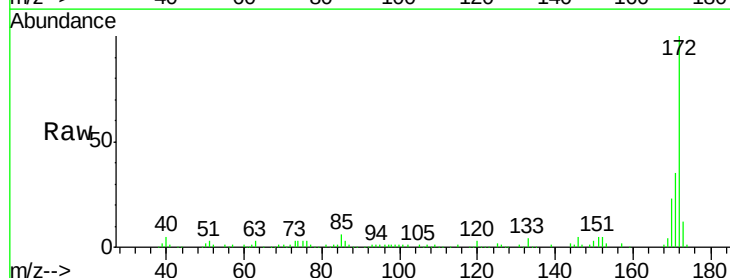
Tgt Ion:172 Resp: 173137

Ion Ratio Lower Upper

172 100

171 34.6 29.0 43.4

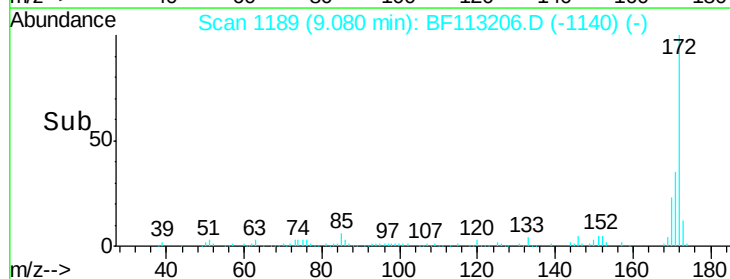
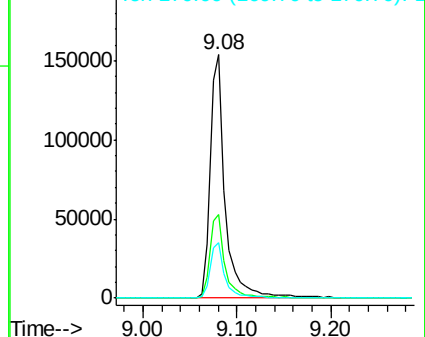
170 22.8 20.0 30.0

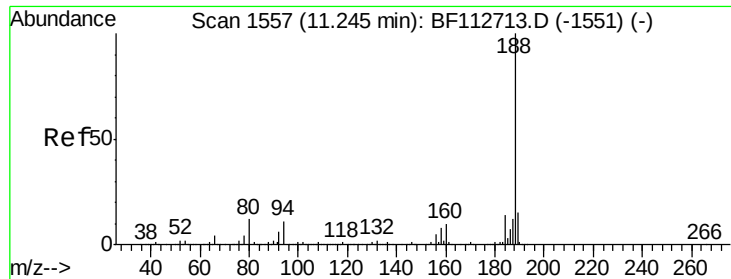


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

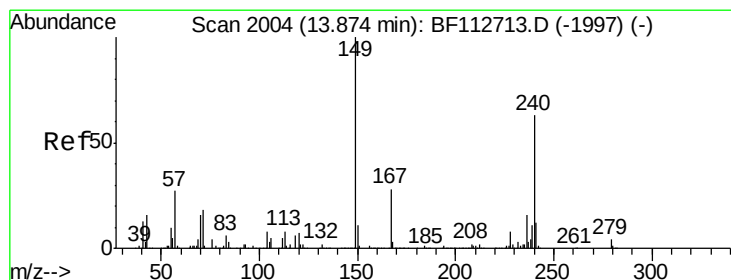
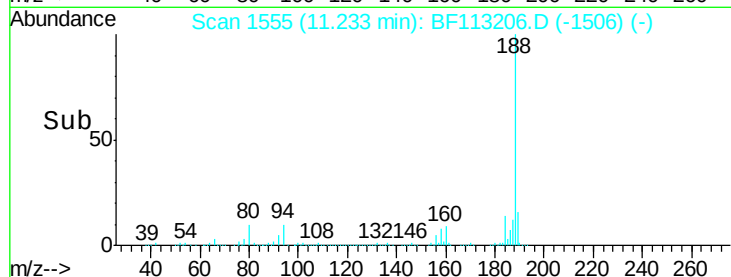
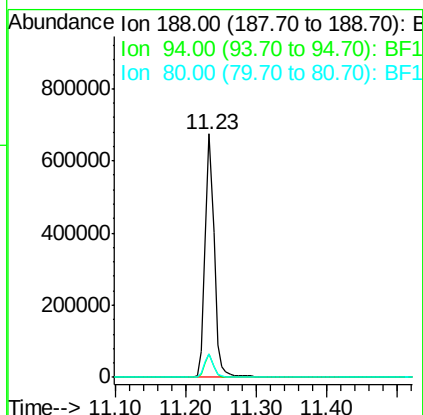
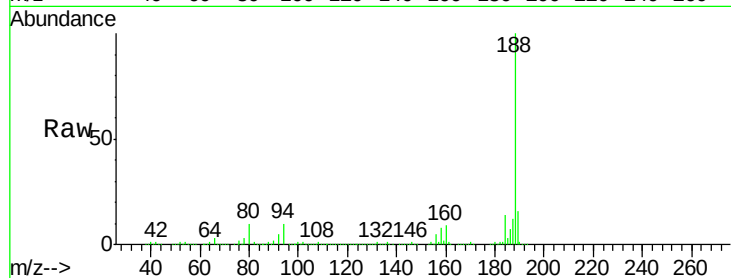




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

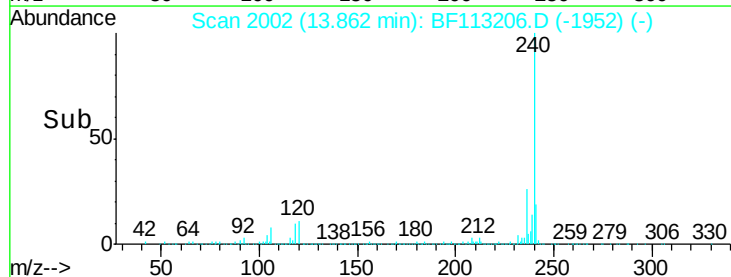
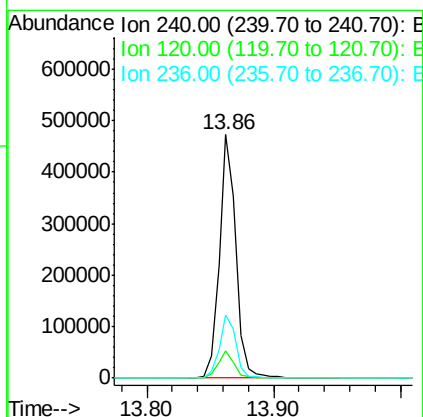
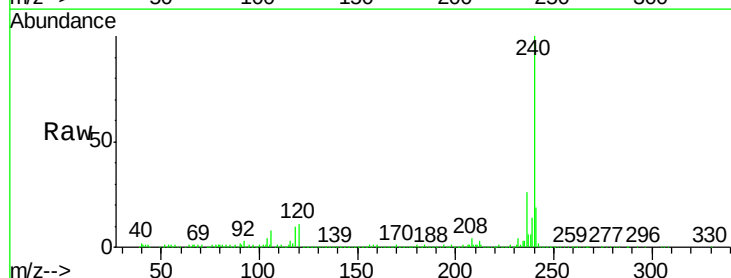
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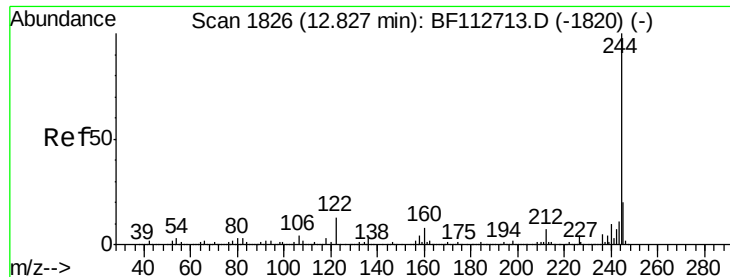
Tgt Ion:188 Resp: 604504
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113206.D
Acq: 21 Mar 2019 14:08

Tgt Ion:240 Resp: 429172
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 7.257 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113206.D

Acq: 21 Mar 2019 14:08

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-I

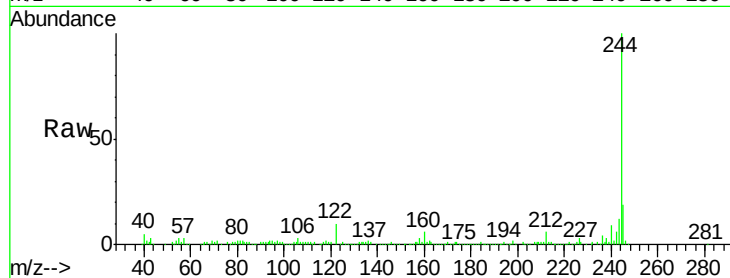
Tgt Ion:244 Resp: 160655

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

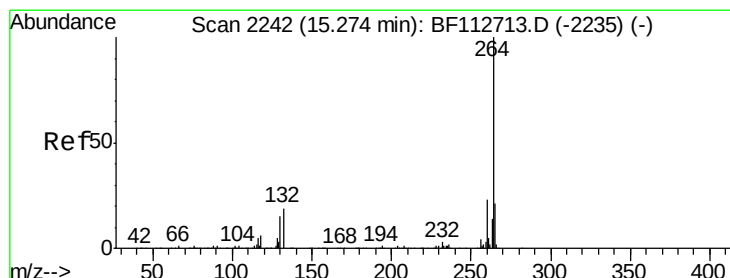
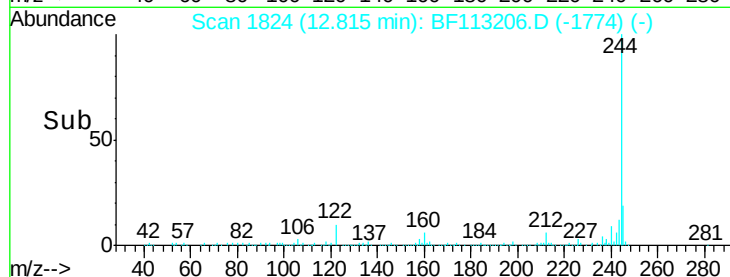
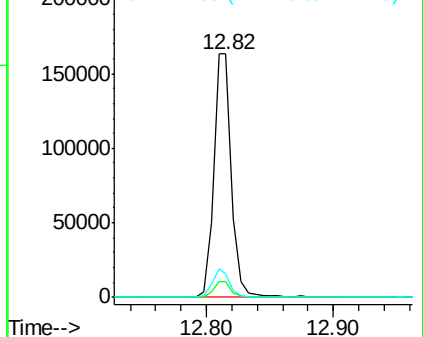
122 9.7 10.5 15.7#



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: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF113206.D

Acq: 21 Mar 2019 14:08

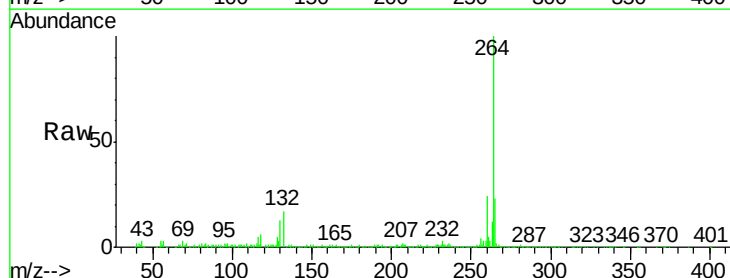
Tgt Ion:264 Resp: 335631

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.9 17.2 25.8



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

