

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032219\
 Data File : BF113252.D
 Acq On : 22 Mar 2019 23:32
 Operator : JU/SJ
 Sample : K2034-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031619-LIFT-E-U-B

Quant Time: Mar 23 01:33:06 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	6.71	152	146907	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	514289	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	255098	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	443840	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	360524	20.00	ng	-0.01
87) Perylene-d12	15.27	264	372142	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	323485	34.25	ng	-0.02
7) Phenol-d6	6.36	99	265910	22.41	ng	-0.02
23) Nitrobenzene-d5	7.27	82	762406	88.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	252183	93.12	ng	-0.02
45) 2-Fluorobiphenyl	9.07	172	1502671	103.47	ng	-0.02
79) Terphenyl-d14	12.81	244	1132544	60.90	ng	-0.01

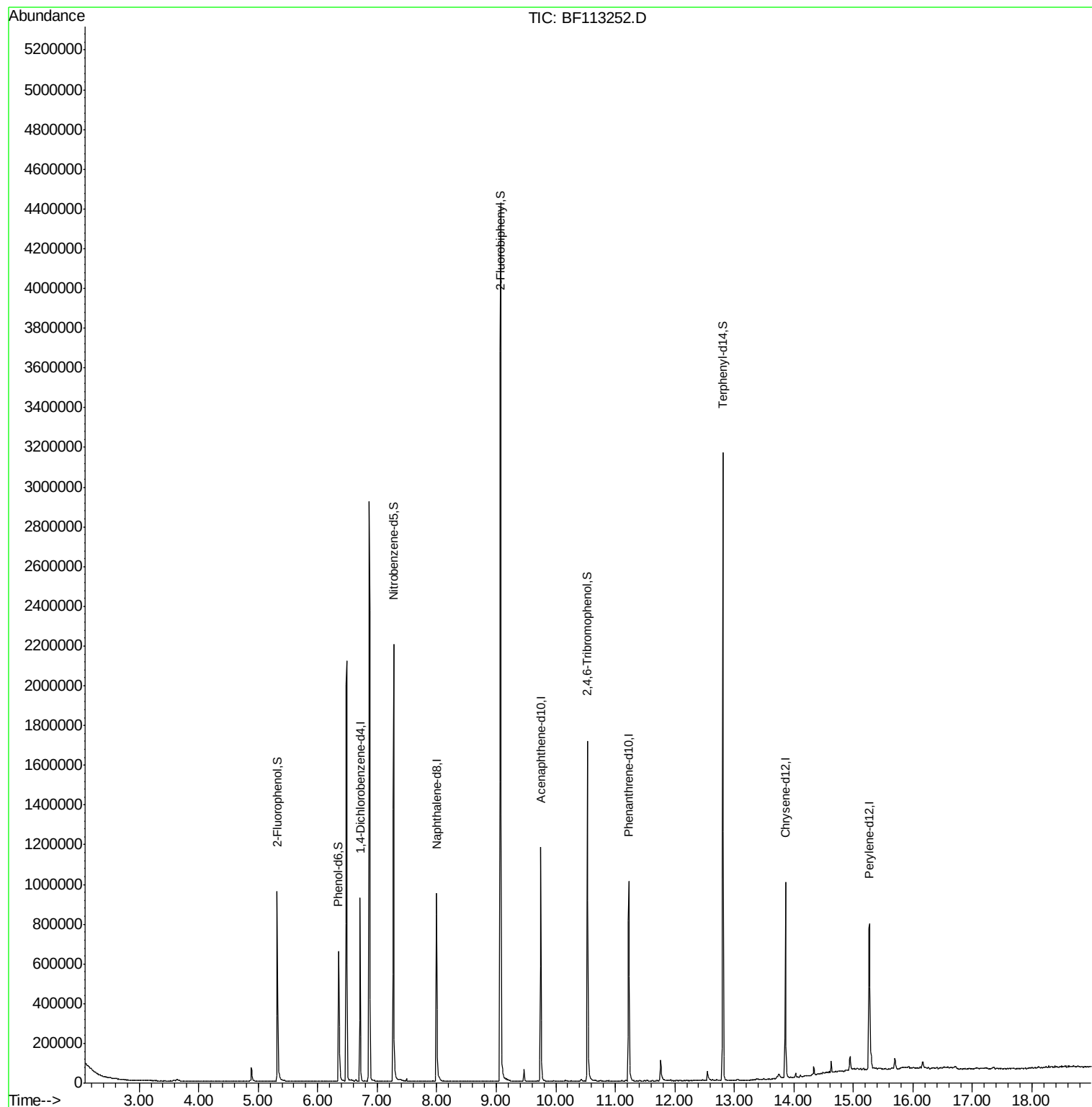
Target Compounds	Qvalue
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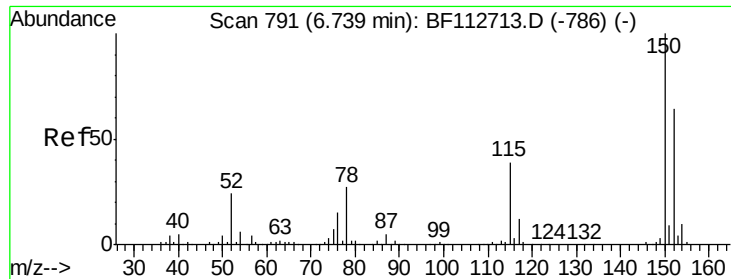
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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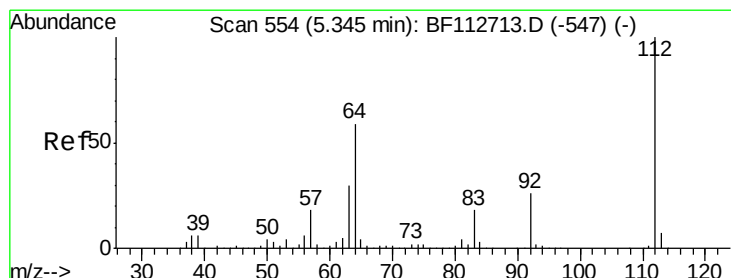
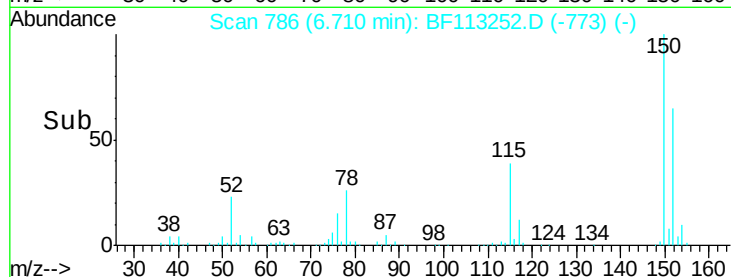
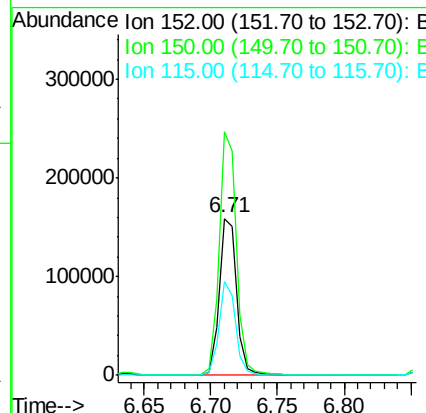
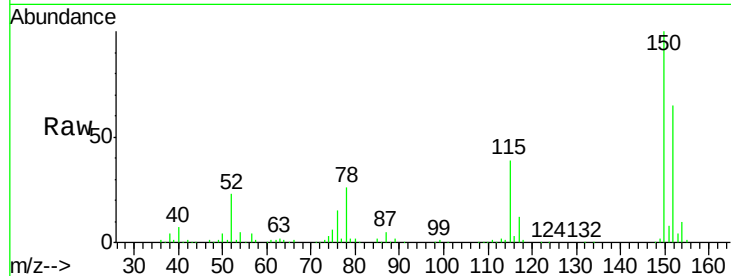


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

Instrument :
BNA_F
ClientSampleId :
031619-LIFT-E-U-B

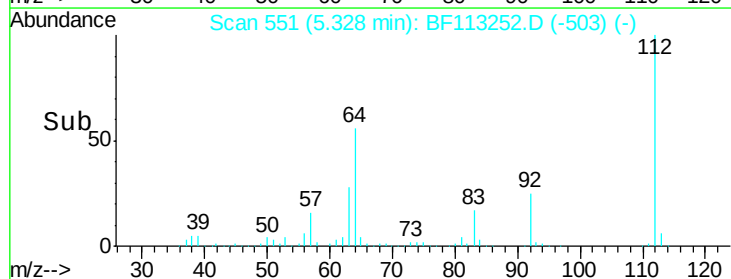
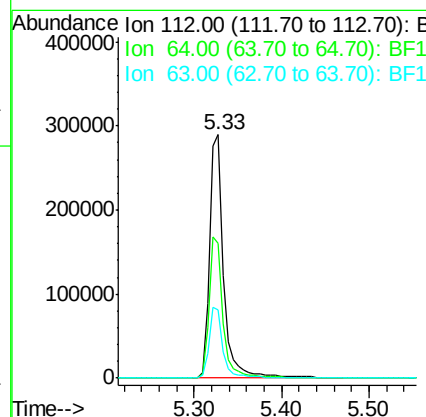
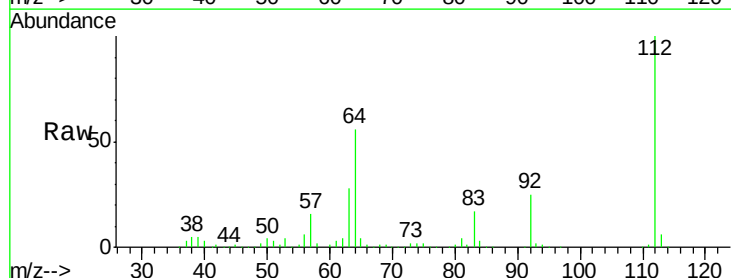
Tgt Ion:152 Resp: 146907
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.2
115 60.1 48.2 72.4

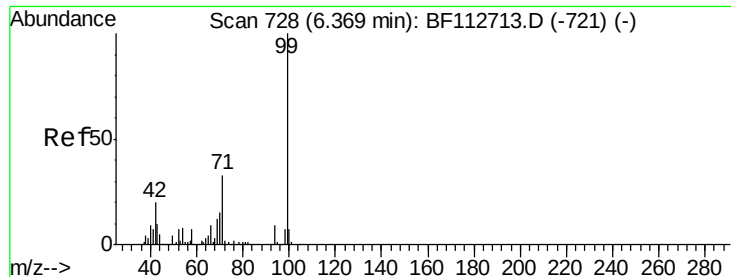


#5

2-Fluorophenol
Concen: 34.253 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

Tgt Ion:112 Resp: 323485
Ion Ratio Lower Upper
112 100
64 55.6 47.6 71.4
63 27.9 24.4 36.6





#7

Phenol-d6

Concen: 22.414 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

031619-LIFT-E-U-B

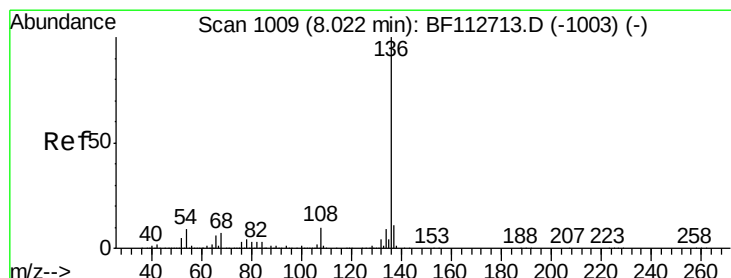
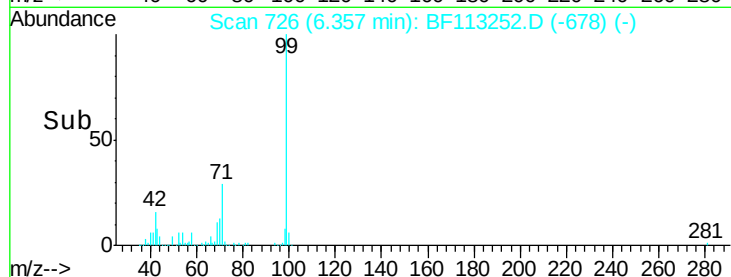
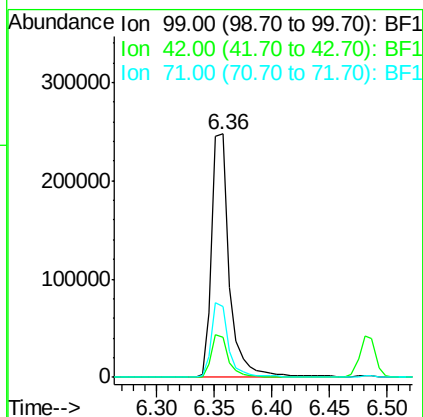
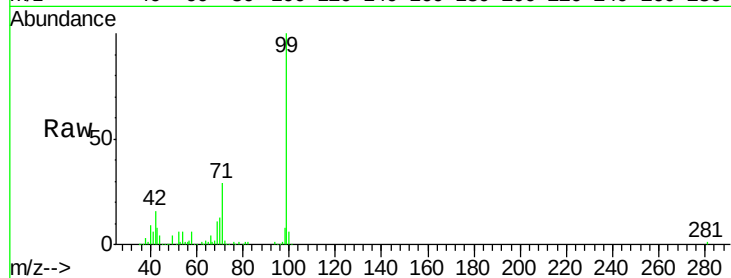
Tgt Ion: 99 Resp: 265910

Ion Ratio Lower Upper

99 100

42 16.2 16.3 24.5#

71 29.2 26.2 39.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

Tgt Ion: 136 Resp: 514289

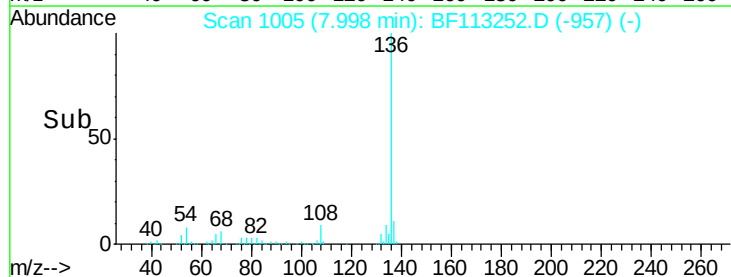
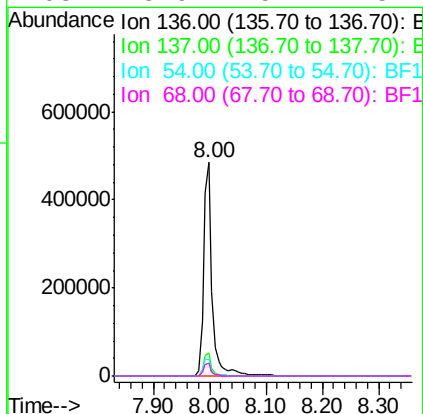
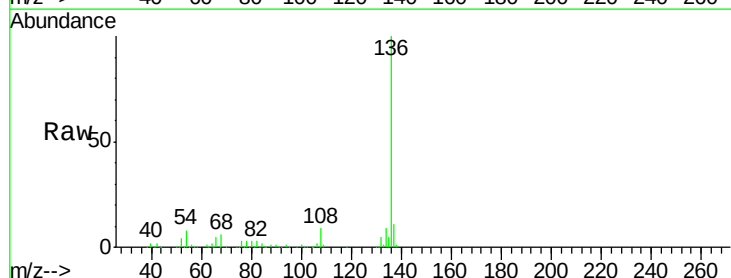
Ion Ratio Lower Upper

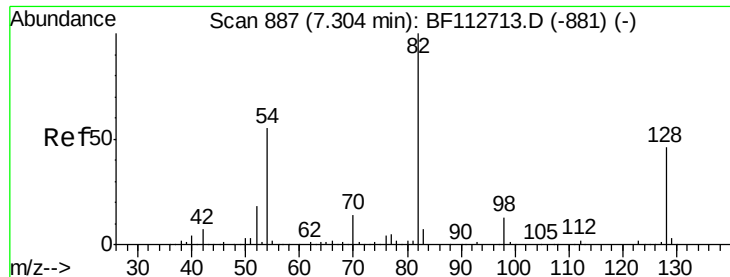
136 100

137 10.7 8.9 13.3

54 7.5 7.3 10.9

68 5.9 5.4 8.2

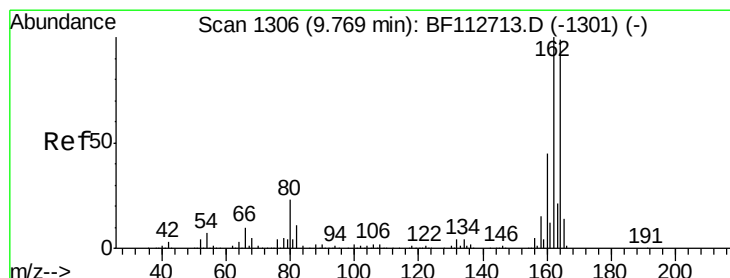
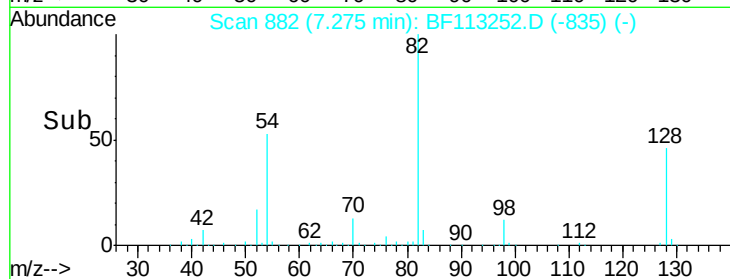
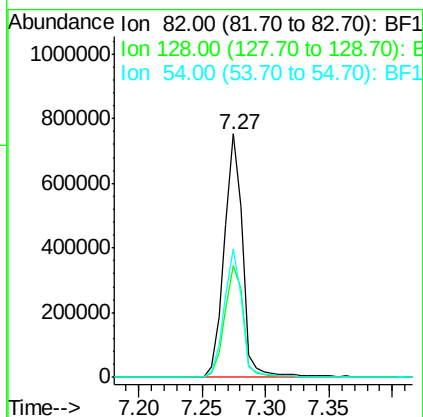
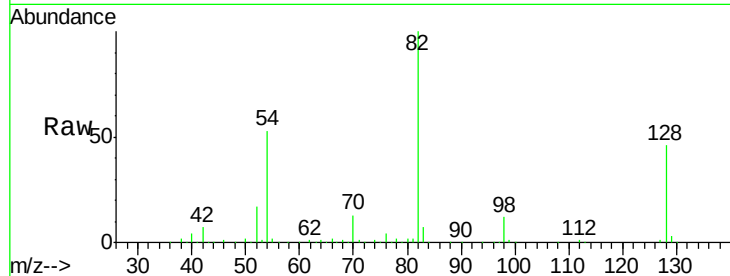




#23
 Nitrobenzene-d5
 Concen: 88.707 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

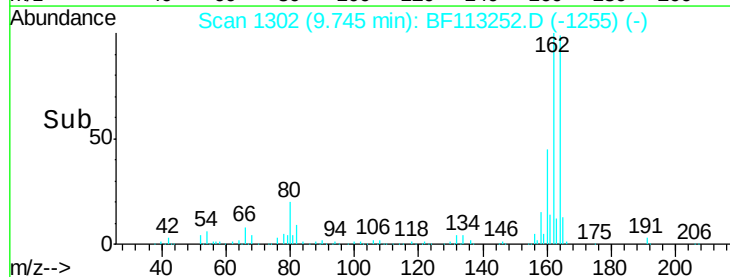
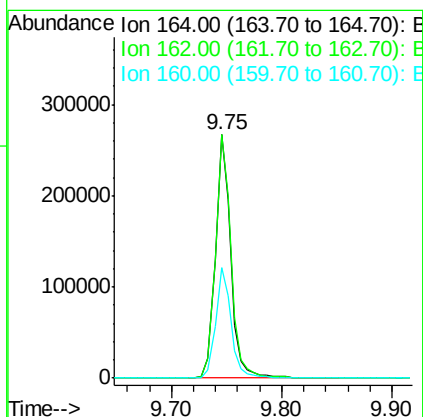
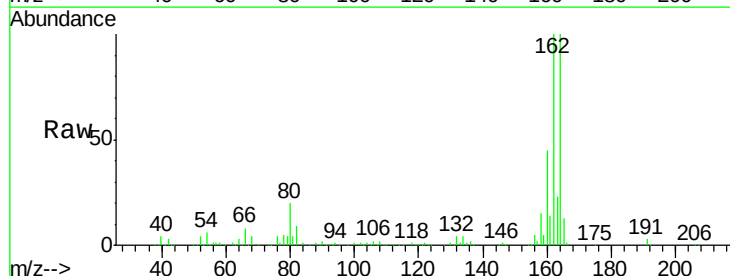
Instrument :
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 031619-LIFT-E-U-B

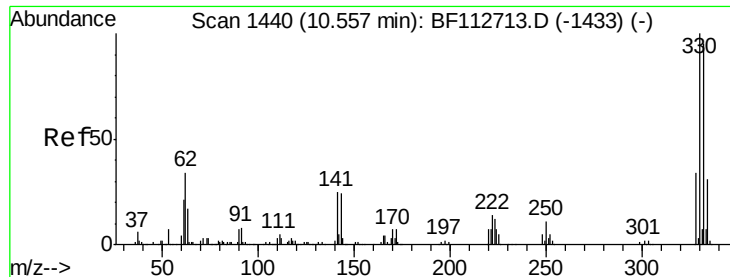
Tgt Ion: 82 Resp: 762406
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.3 54.5
 54 52.9 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.02 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Tgt Ion: 164 Resp: 255098
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.6 120.8
 160 45.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 93.119 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

Instrument :

BNA_F

ClientSampleId :

031619-LIFT-E-U-B

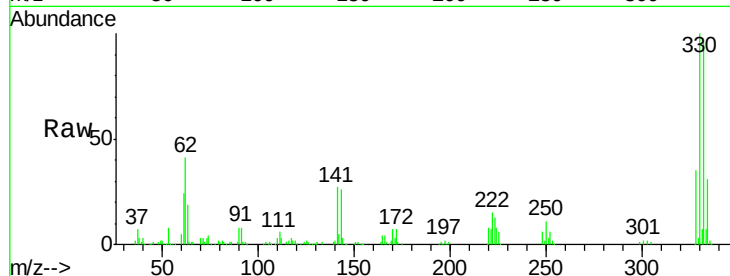
Tgt Ion:330 Resp: 252183

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

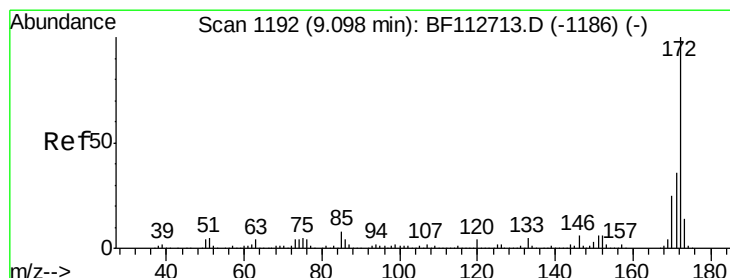
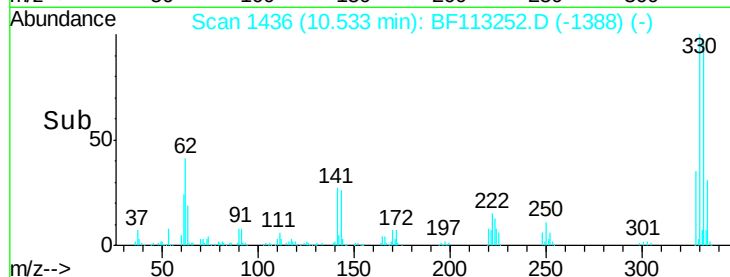
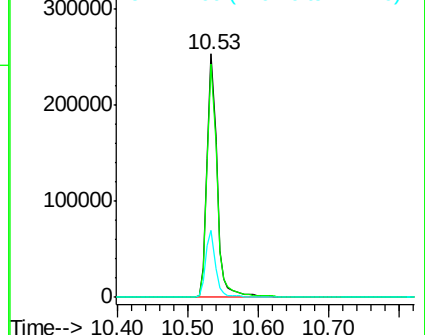
141 27.6 27.0 40.6



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: 103.474 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BF113252.D

Acq: 22 Mar 2019 23:32

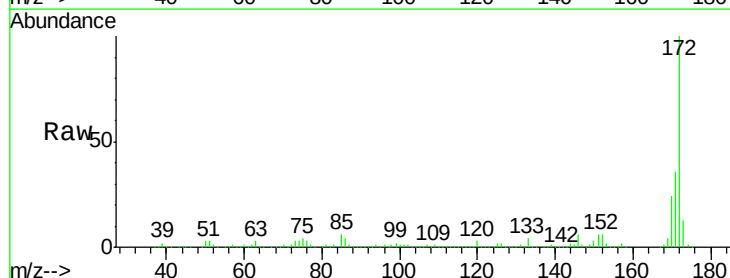
Tgt Ion:172 Resp: 1502671

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

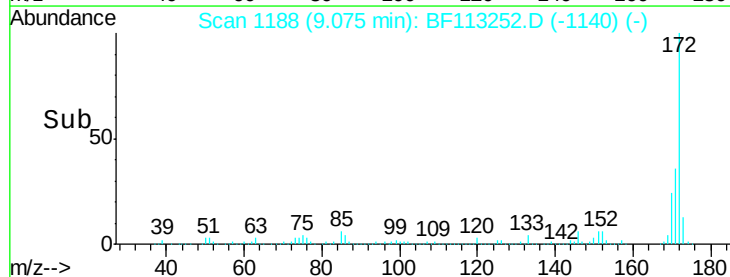
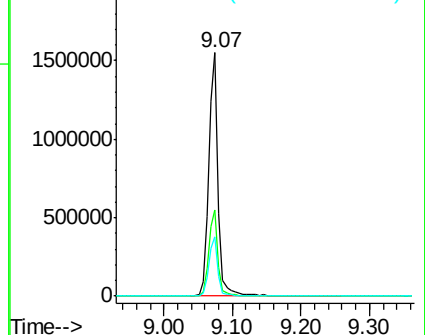
170 24.4 20.0 30.0

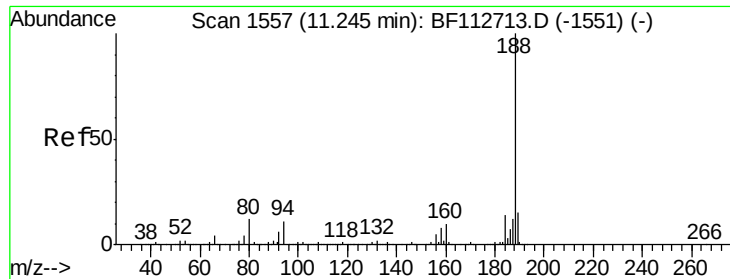


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

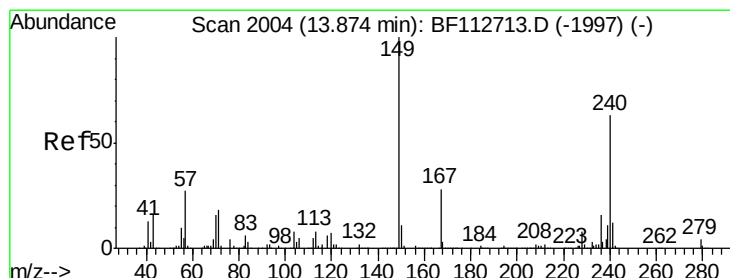
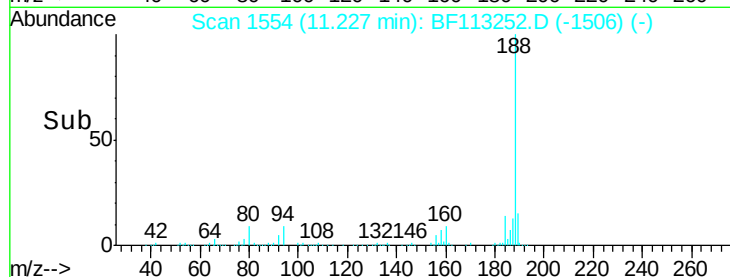
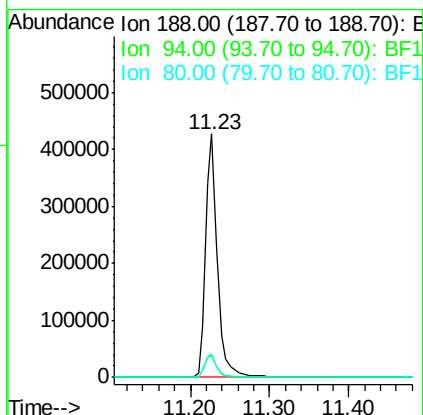
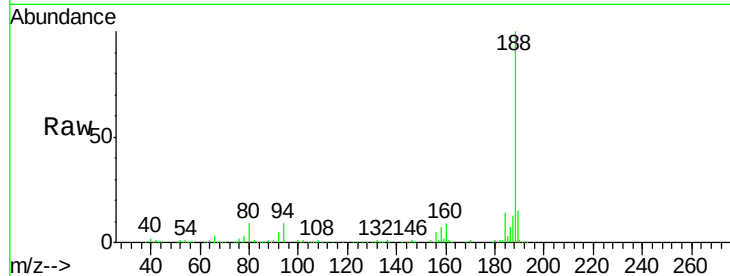




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

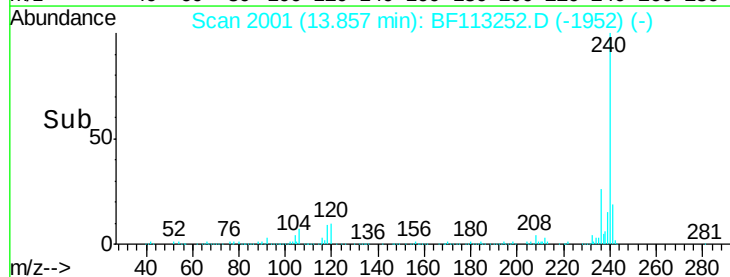
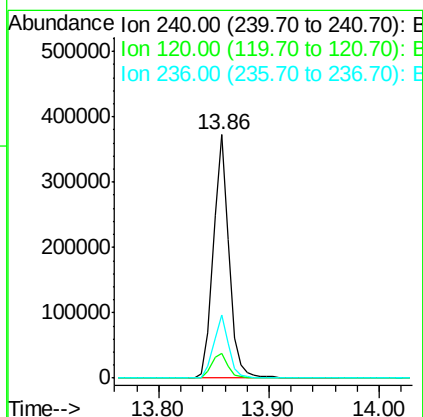
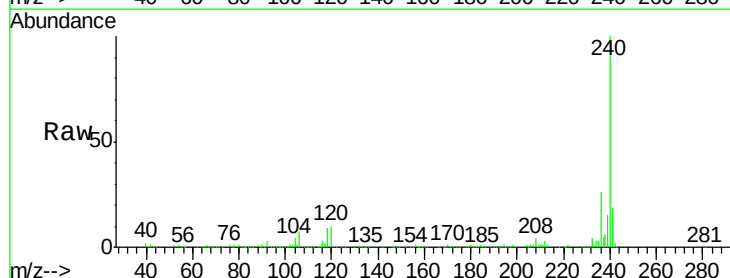
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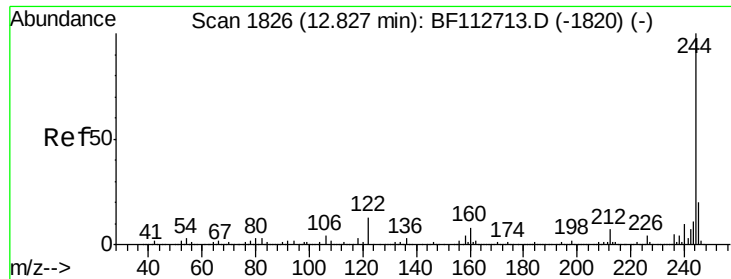
Tgt Ion:188 Resp: 443840
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113252.D
Acq: 22 Mar 2019 23:32

Tgt Ion:240 Resp: 360524
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.1 20.7 31.1

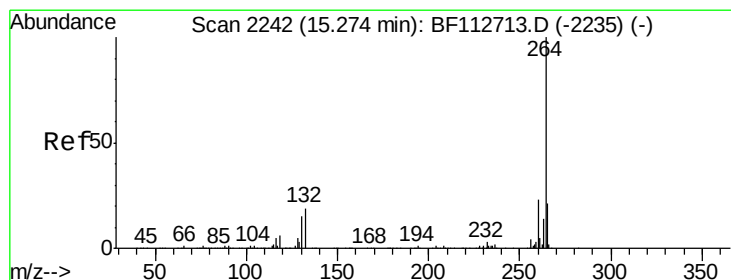
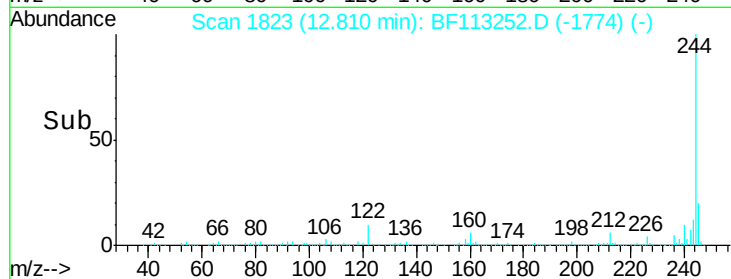
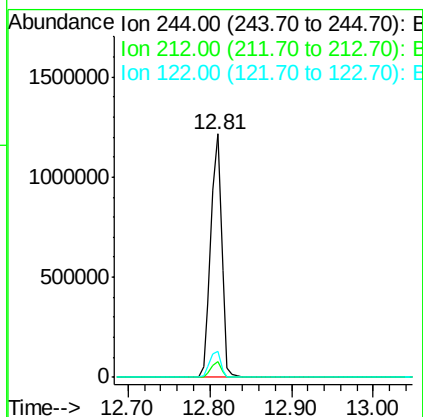
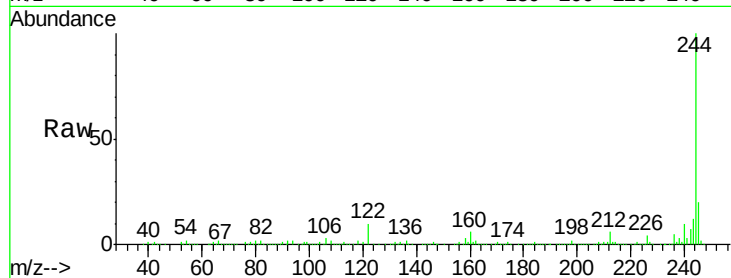




#79
 Terphenyl-d14
 Concen: 60.896 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Instrument :
 BNA_F
 ClientSampleId :
 031619-LIFT-E-U-B

Tgt Ion:244 Resp: 1132544
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 10.4 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113252.D
 Acq: 22 Mar 2019 23:32

Tgt Ion:264 Resp: 372142
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.4 17.2 25.8

