

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020218\
 Data File : BF102702.D
 Acq On : 2 Feb 2018 12:16
 Operator : SJ/JU
 Sample : J1410-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

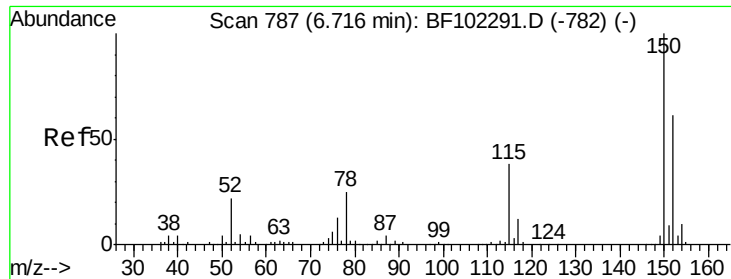
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27166

Quant Time: Feb 02 13:35:14 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	211183	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	890885	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	388505	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	519129	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	328786	20.00	ng	-0.01
86) Perylene-d12	15.30	264	285463	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	726953	52.19	ng	0.01
7) Phenol-d6	6.37	99	852971	50.80	ng	0.01
23) Nitrobenzene-d5	7.26	82	621021	40.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	154575	40.15	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1045991	39.59	ng	-0.02
78) Terphenyl-d14	12.80	244	711594	48.79	ng	-0.01

Target Compounds Qvalue

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

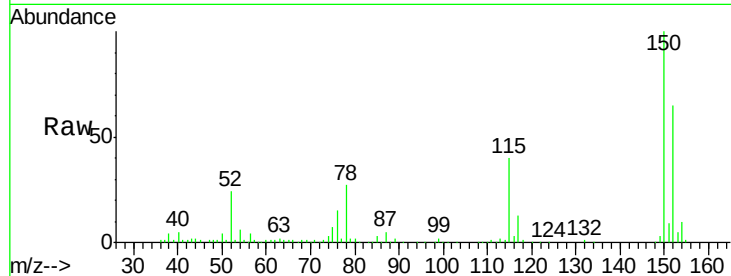


#1

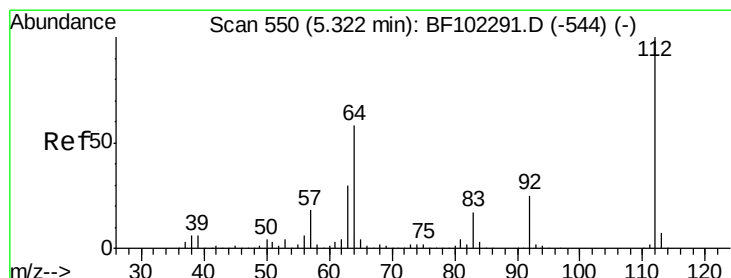
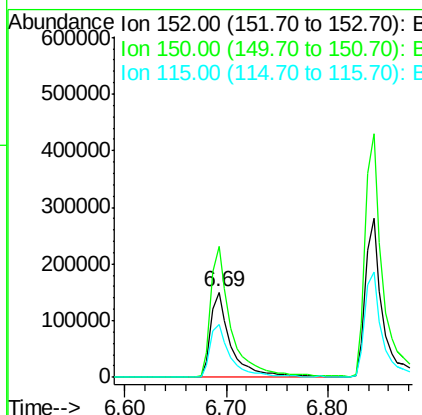
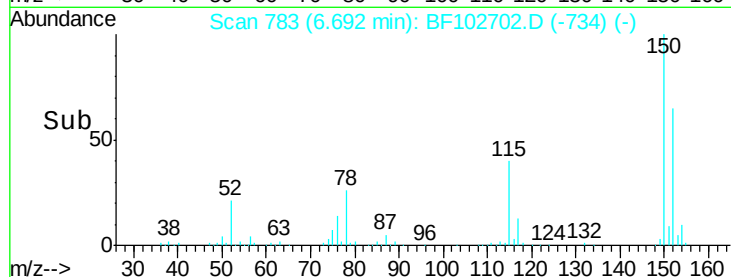
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF102702.D
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ClientSampleId :
CHRT-27166

Tot Ion:152 Resp: 211183
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.3 50.1 75.1



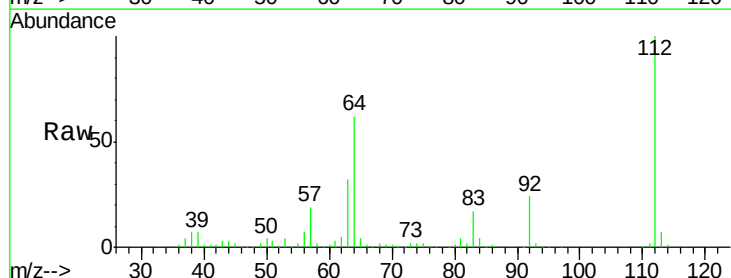
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



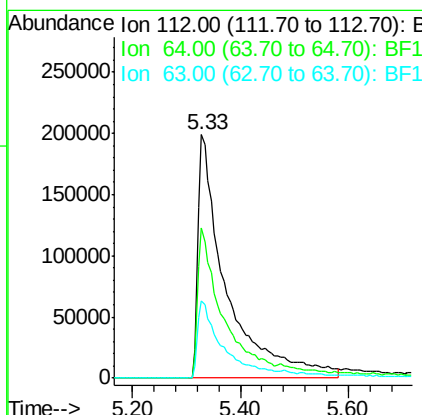
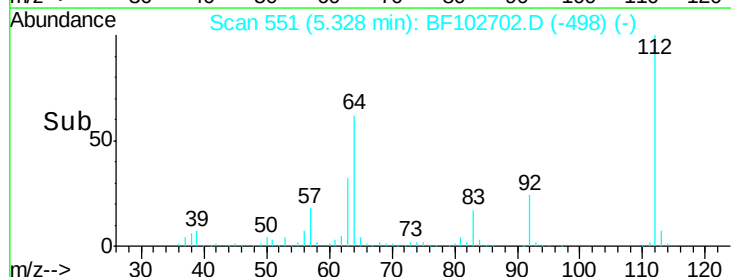
#5

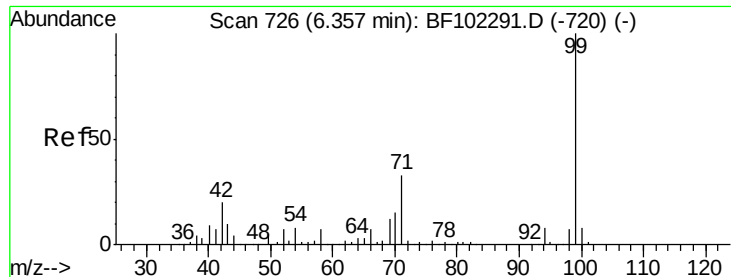
2-Fluorophenol
Concen: 52.194 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102702.D
Acq: 2 Feb 2018 12:16

Tgt Ion:112 Resp: 726953
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.5 23.7 35.5



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: 50.798 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Instrument :

BNA_F

ClientSampleId :

CHRT-27166

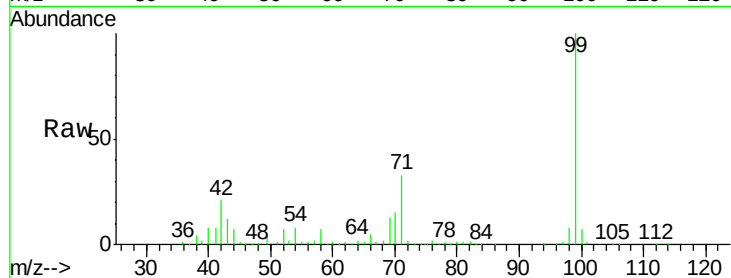
Tot Ion: 99 Resp: 852971

Ion Ratio Lower Upper

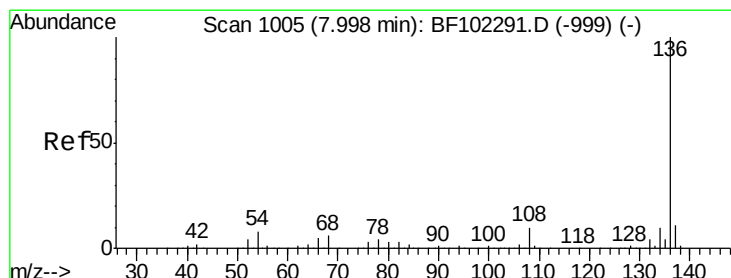
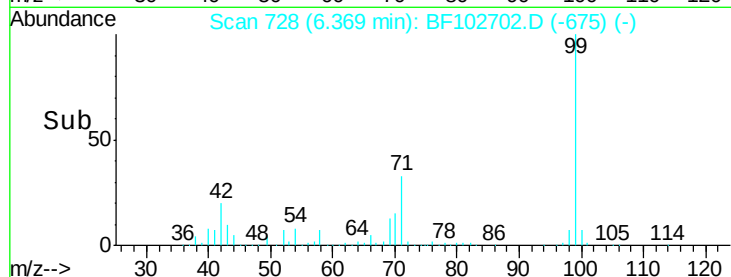
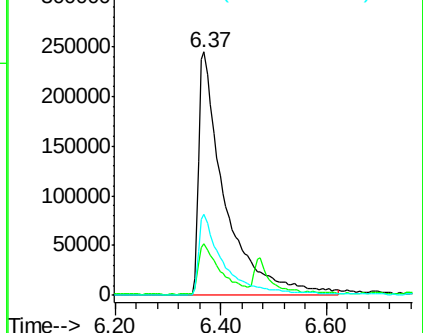
99 100

42 21.0 14.5 21.7

71 33.1 25.4 38.0



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF102702.D

Acq: 2 Feb 2018 12:16

Tgt Ion: 136 Resp: 890885

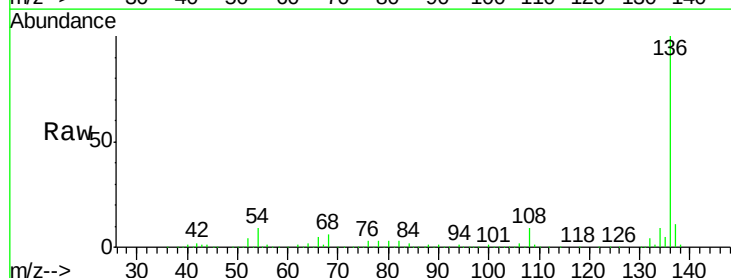
Ion Ratio Lower Upper

136 100

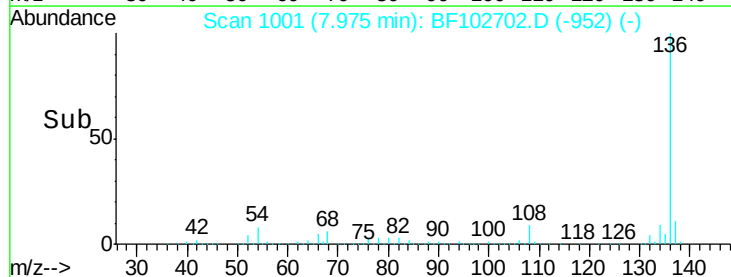
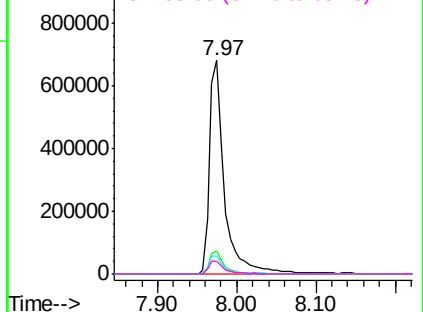
137 10.7 8.9 13.3

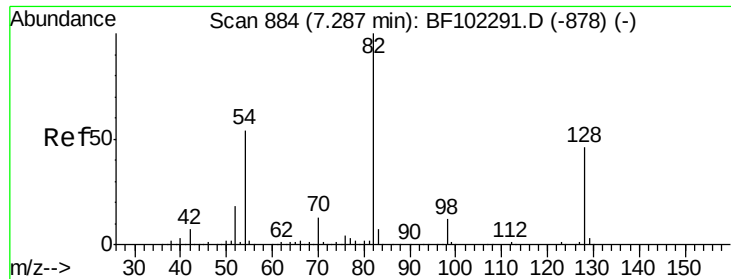
54 8.5 6.6 9.8

68 6.2 5.0 7.4



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

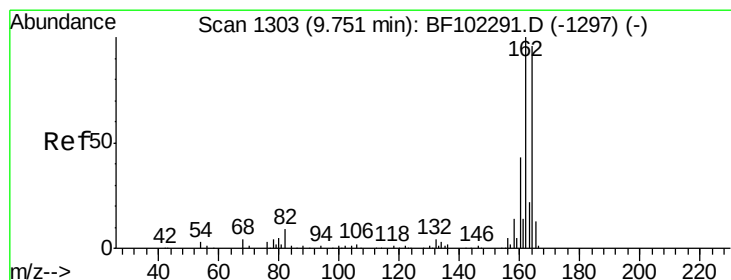
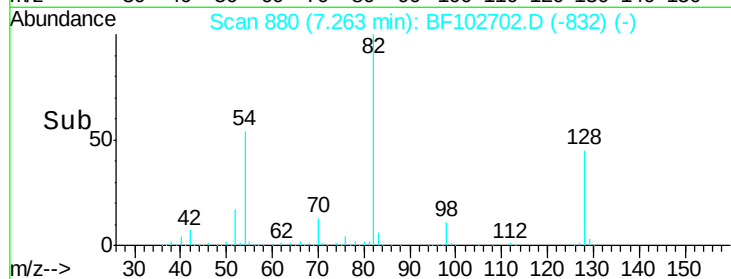
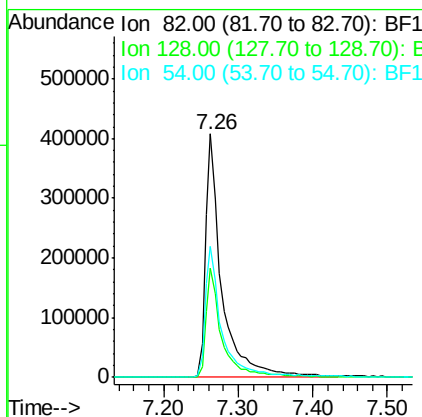
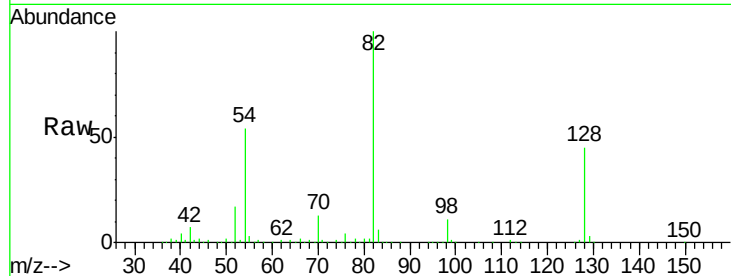




#23
 Nitrobenzene-d5
 Concen: 40.059 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

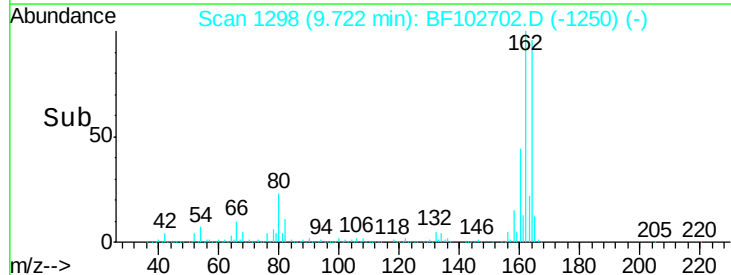
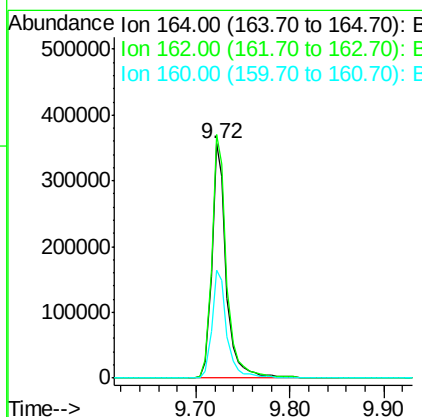
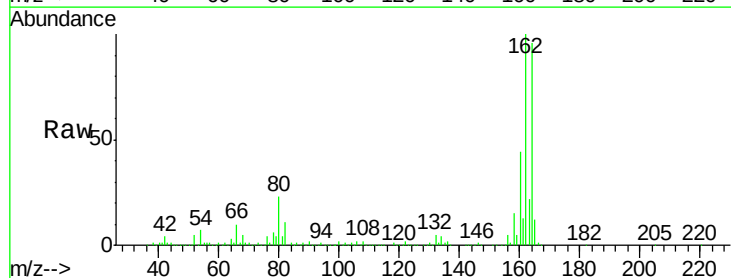
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27166

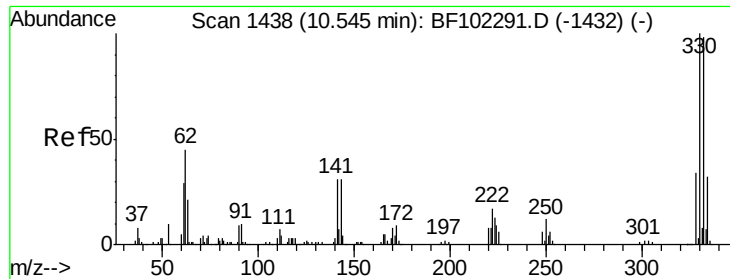
Tot Ion: 82 Resp: 621021
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 53.9 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

Tgt Ion:164 Resp: 388505
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.0 38.3 57.5

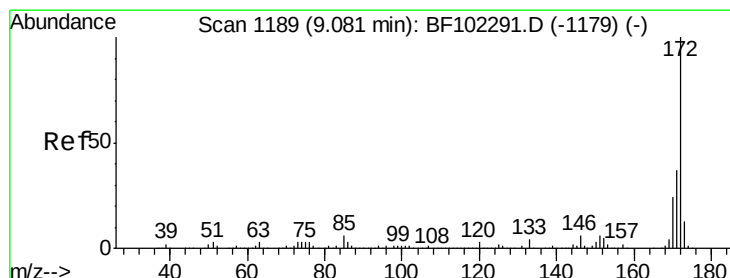
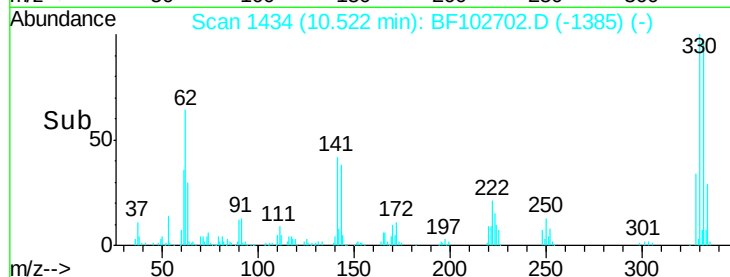
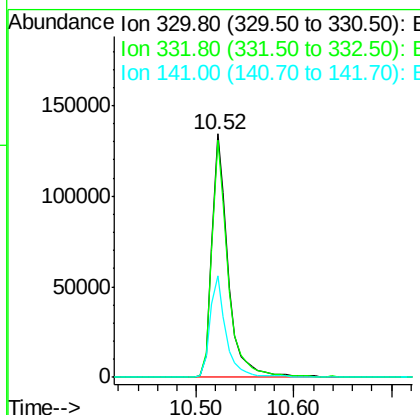
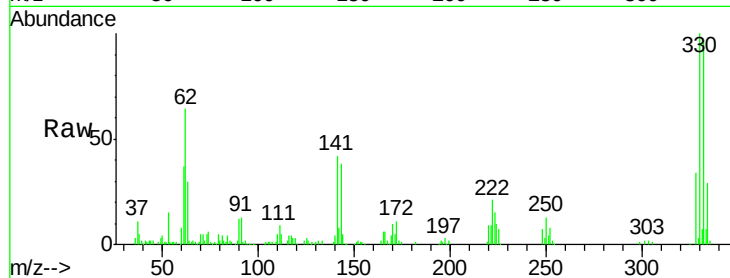




#41
 2,4,6-Tribromophenol
 Concen: 40.154 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

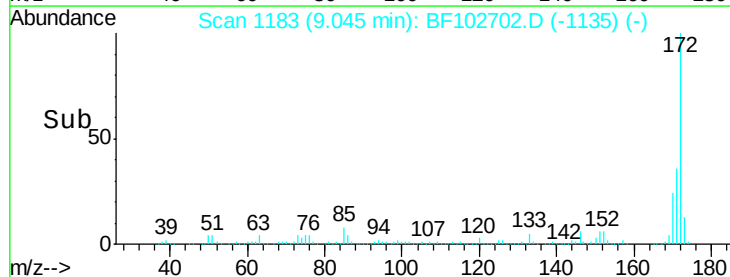
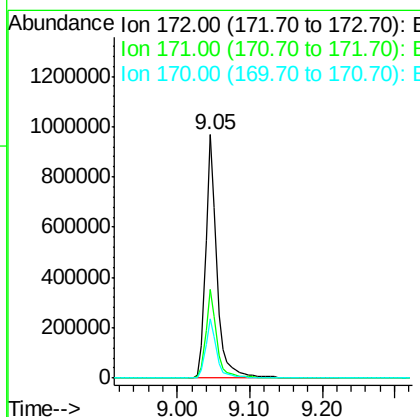
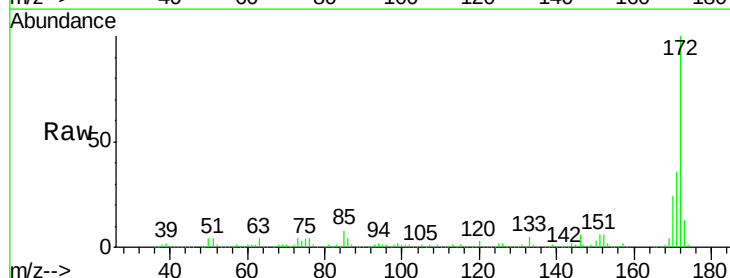
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27166

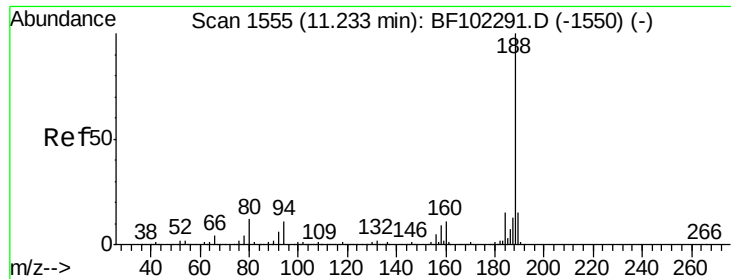
Tot Ion:330 Resp: 154575
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 41.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 39.587 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

Tgt Ion:172 Resp: 1045991
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4

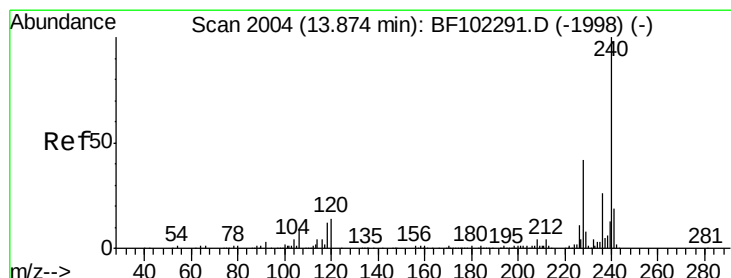
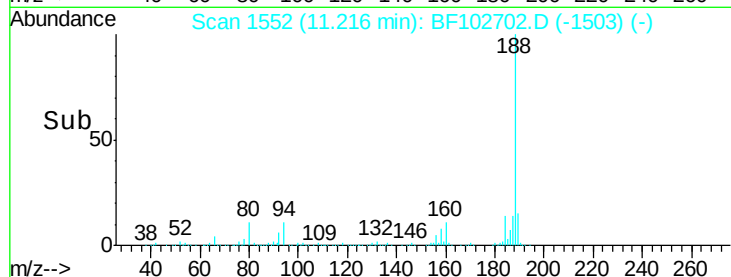
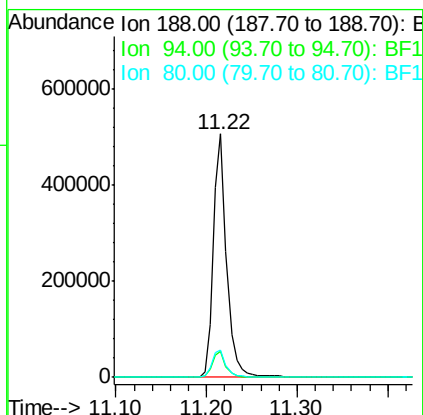
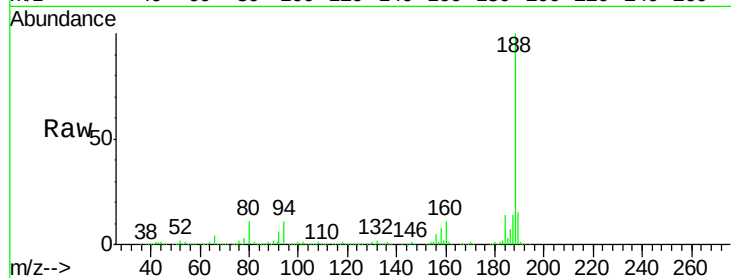




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF102702.D
Acq: 2 Feb 2018 12:16

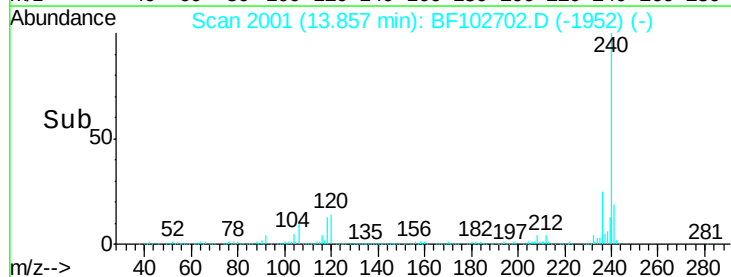
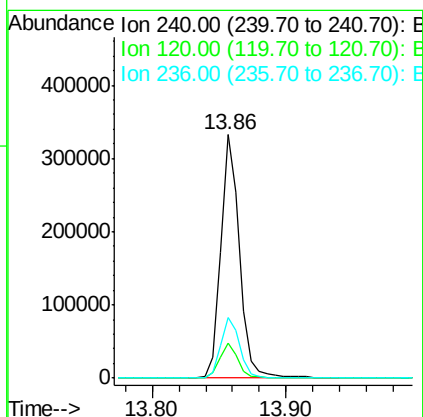
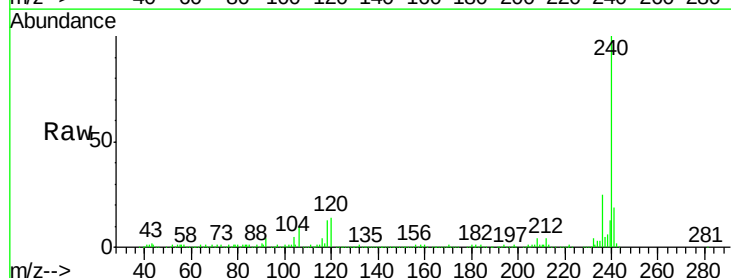
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BNA_F
ClientSampleId :
CHRT-27166

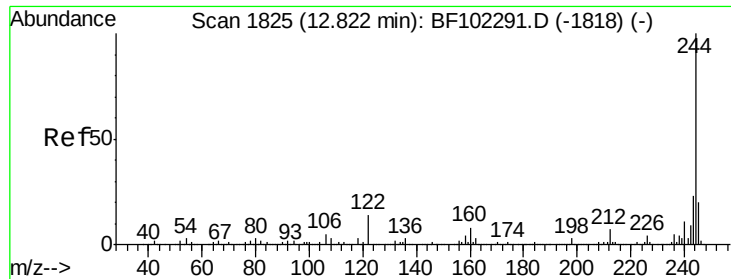
Tot Ion:188 Resp: 519129
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF102702.D
Acq: 2 Feb 2018 12:16

Tgt Ion:240 Resp: 328786
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 25.1 20.7 31.1

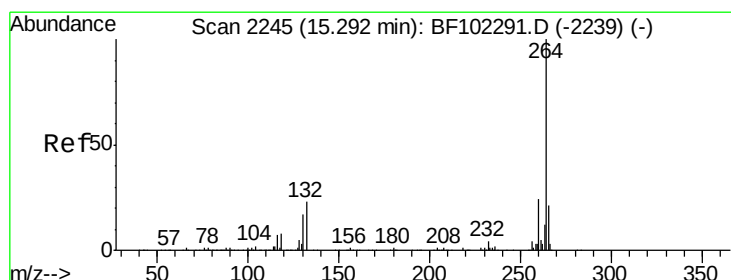
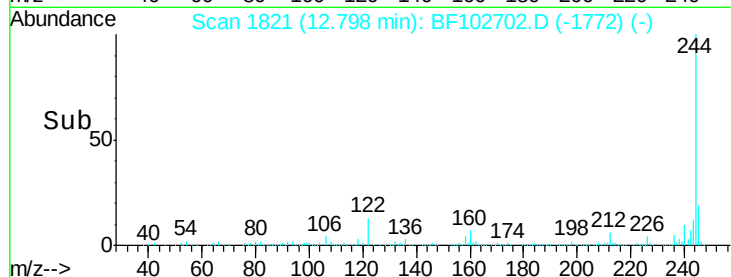
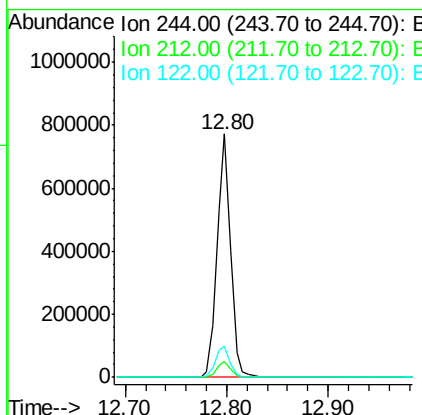
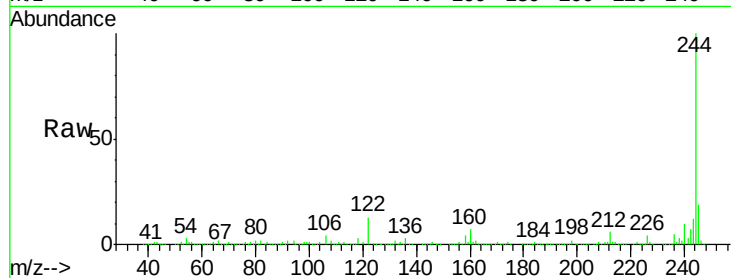




#78
 Terphenyl-d14
 Concen: 48.791 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-27166

Tot Ion:244 Resp: 711594
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 12.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102702.D
 Acq: 2 Feb 2018 12:16

Tgt Ion:264 Resp: 285463
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.9 17.5 26.3

