

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110317\
 Data File : BF100160.D
 Acq On : 4 Nov 2017 4:01
 Operator : SJ/JU
 Sample : I6160-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-FD-02

Quant Time: Nov 04 04:40:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

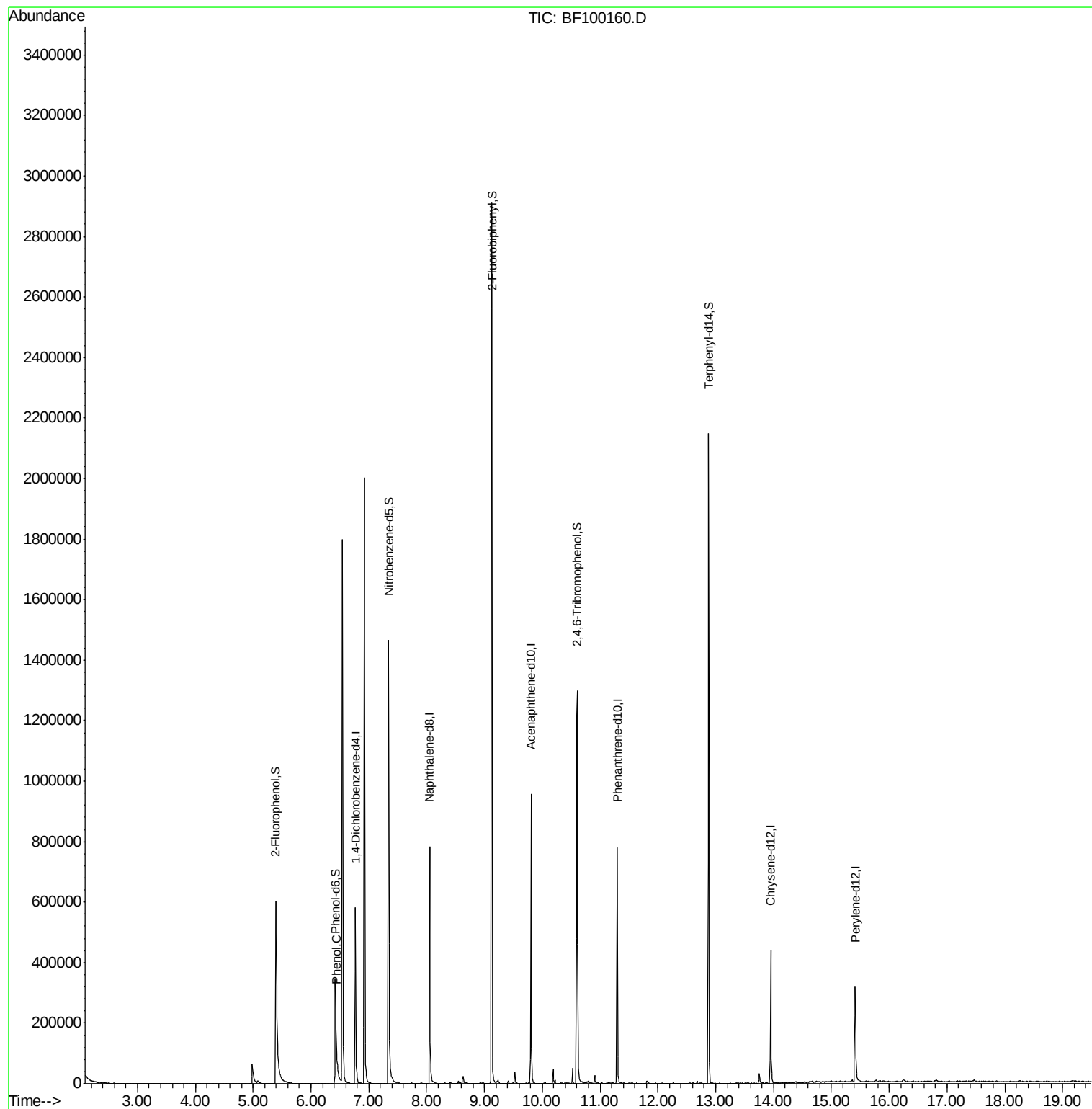
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	100234	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	412926	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	178029	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	291347	20.00	ng	0.00
75) Chrysene-d12	13.95	240	163913	20.00	ng	0.00
86) Perylene-d12	15.41	264	164705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	334977	52.47	ng	0.00
7) Phenol-d6	6.42	99	249990	33.02	ng	0.00
23) Nitrobenzene-d5	7.35	82	535289	83.46	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	180525	111.27	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1031148	89.36	ng	0.00
78) Terphenyl-d14	12.88	244	723371	96.44	ng	0.00
Target Compounds						
10) Phenol	6.44	94	16813	2.023	ng	Qvalue 80

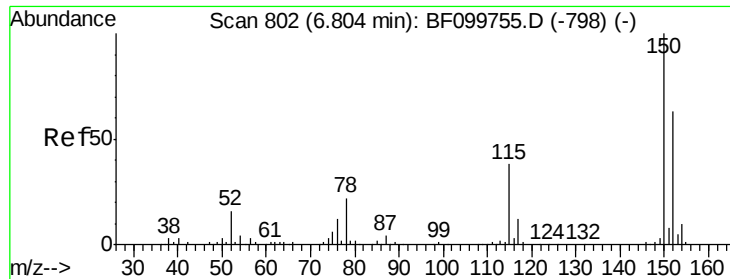
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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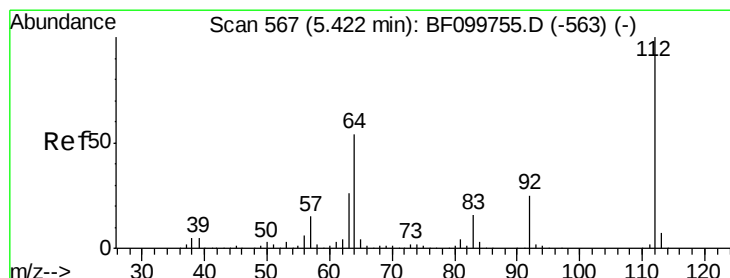
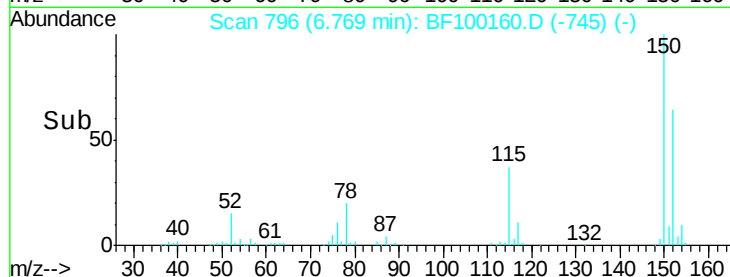
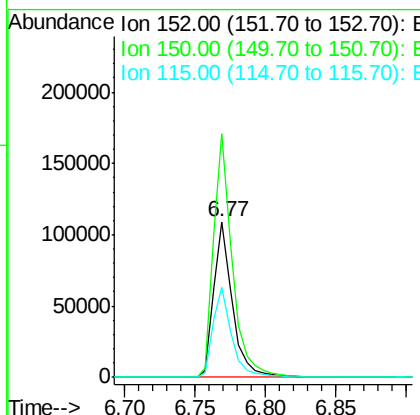
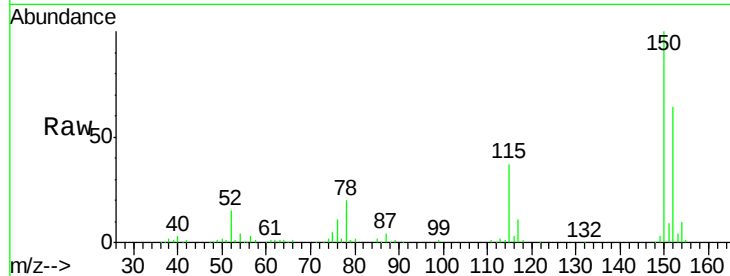




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF100160.D
 Acq: 4 Nov 2017 4:01

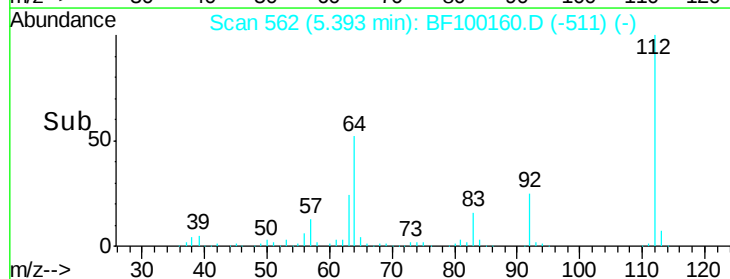
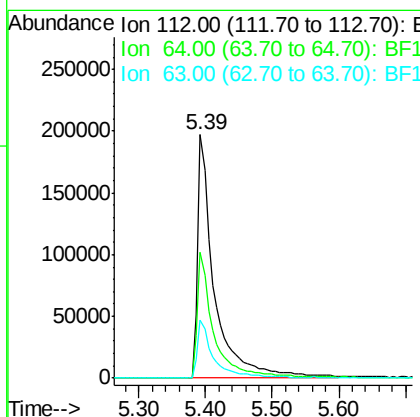
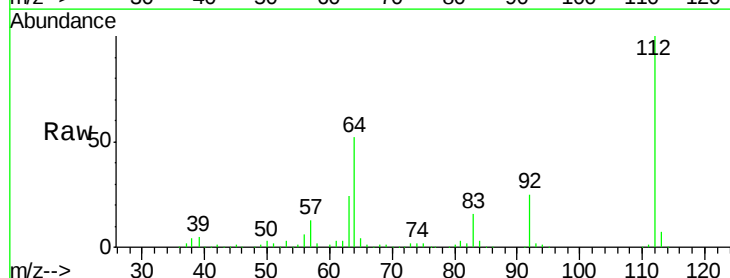
Instrument :
 BNA_F
 ClientSampleId :
 RLF-FD-02

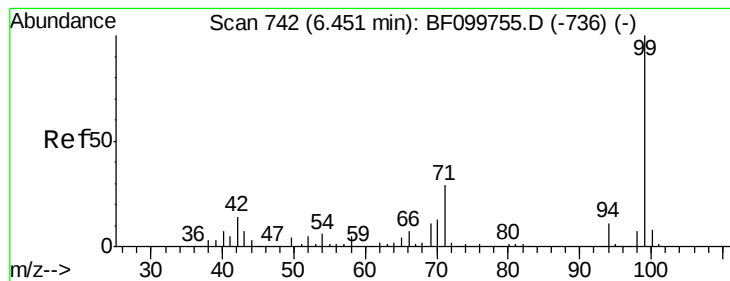
Tgt Ion:152 Resp: 100234
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.6 186.8
 115 57.8 50.1 75.1



#5
 2-Fluorophenol
 Concen: 52.467 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100160.D
 Acq: 4 Nov 2017 4:01

Tgt Ion:112 Resp: 334977
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 23.8 23.7 35.5





#7

Phenol-d6

Concen: 33.023 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100160.D

Acq: 4 Nov 2017 4:01

Instrument :

BNA_F

ClientSampleId :

RLF-FD-02

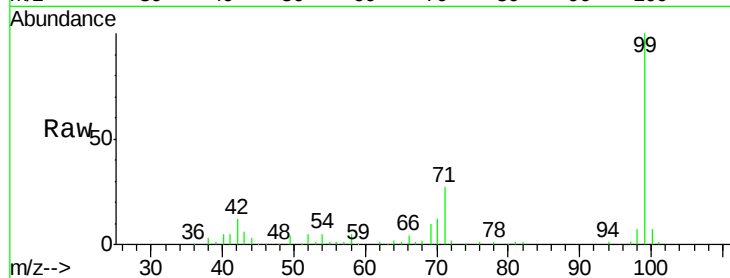
Tgt Ion: 99 Resp: 249990

Ion Ratio Lower Upper

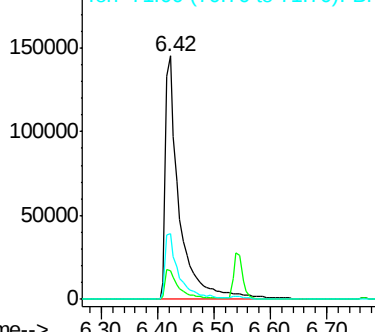
99 100

42 11.9 14.5 21.7#

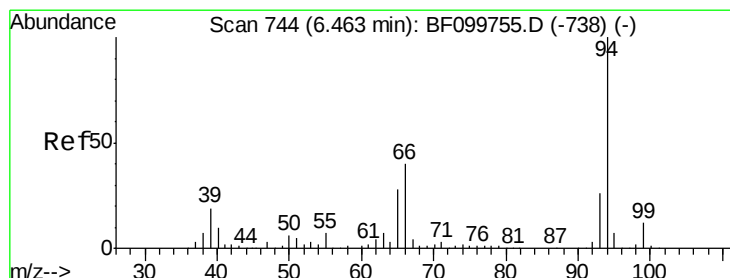
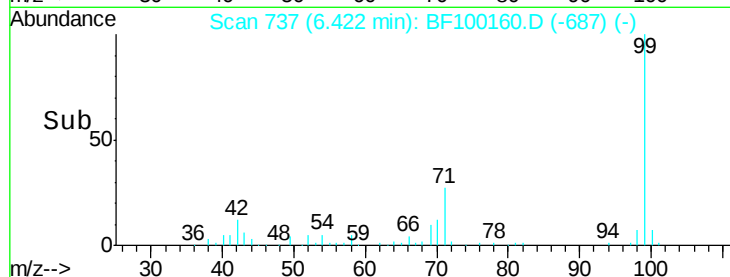
71 26.9 25.4 38.0



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



Time-->



#10

Phenol

Concen: 2.023 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF100160.D

Acq: 4 Nov 2017 4:01

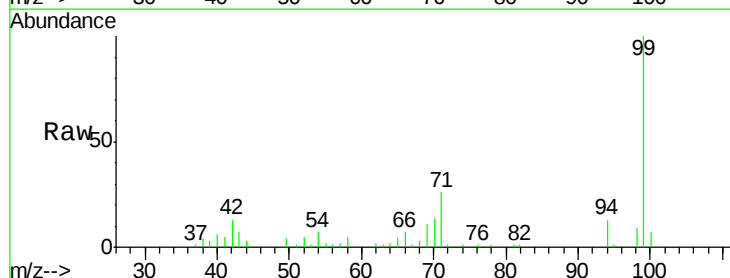
Tgt Ion: 94 Resp: 16813

Ion Ratio Lower Upper

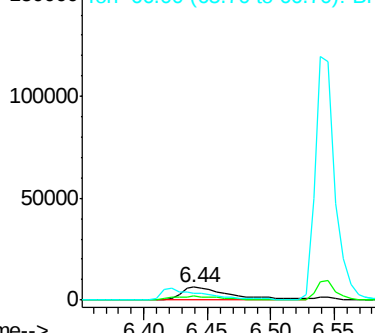
94 100

65 29.8 7.9 47.9

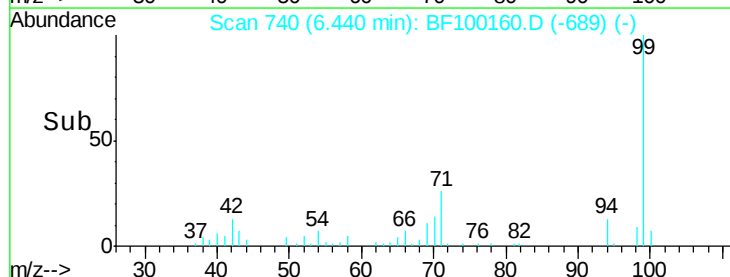
66 55.0 16.2 56.2

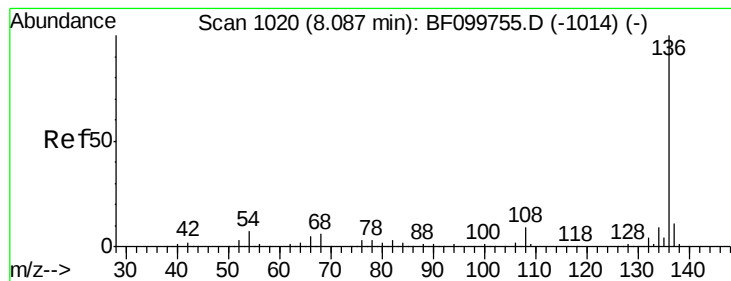


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time-->

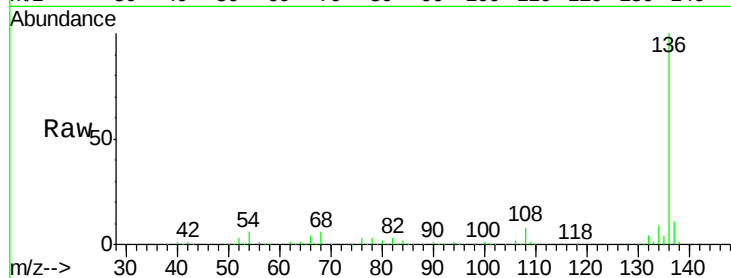




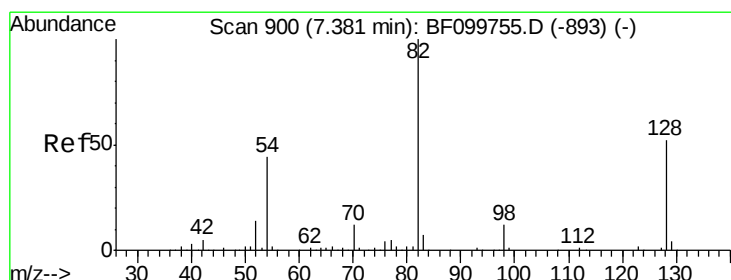
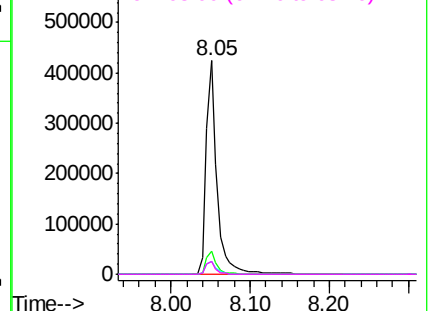
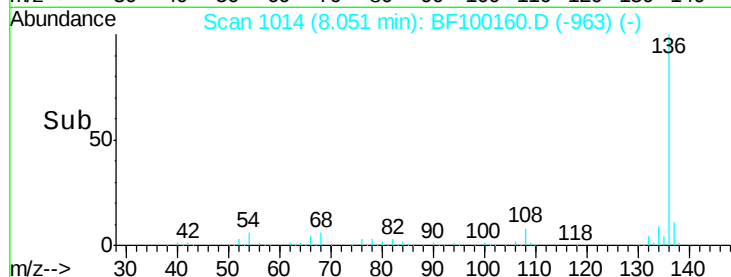
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100160.D
Acq: 4 Nov 2017 4:01

Instrument :
BNA_F
ClientSampleId :
RLF-FD-02

Tgt Ion:	136	Resp:	412926
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.1	6.6	9.8#
68	5.7	5.0	7.4

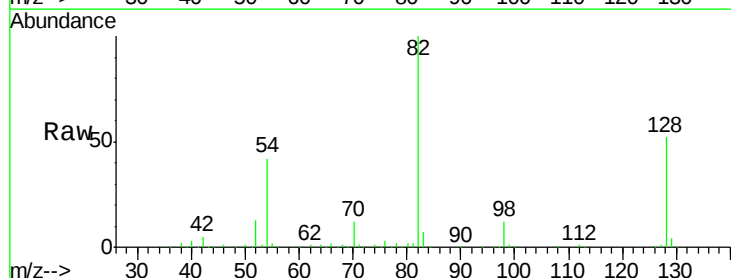


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

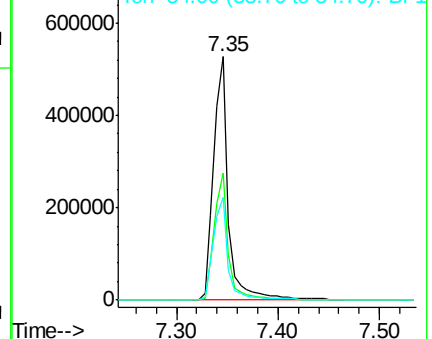
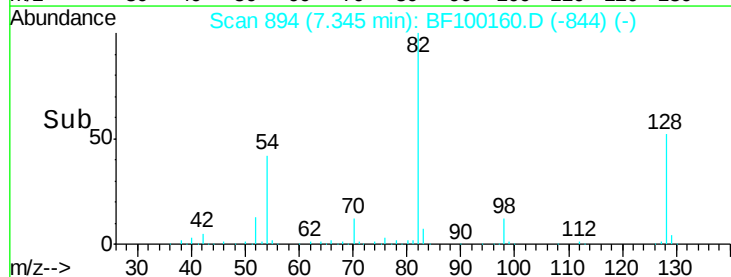


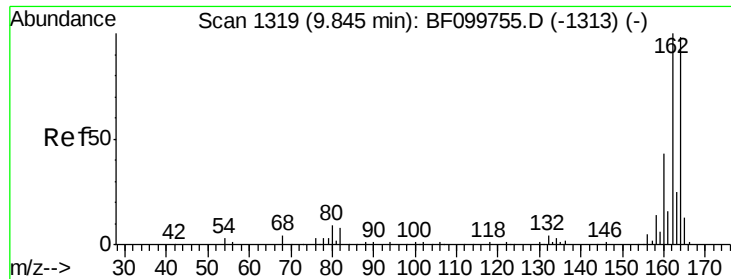
#23
Nitrobenzene-d5
Concen: 83.458 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100160.D
Acq: 4 Nov 2017 4:01

Tgt Ion:	82	Resp:	535289
Ion	Ratio	Lower	Upper
82	100		
128	52.4	36.1	54.1
54	42.4	41.4	62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100160.D

Acq: 4 Nov 2017 4:01

Instrument :

BNA_F

ClientSampleId :

RLF-FD-02

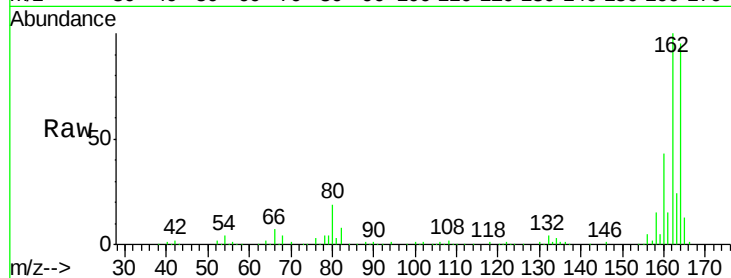
Tgt Ion:164 Resp: 178029

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

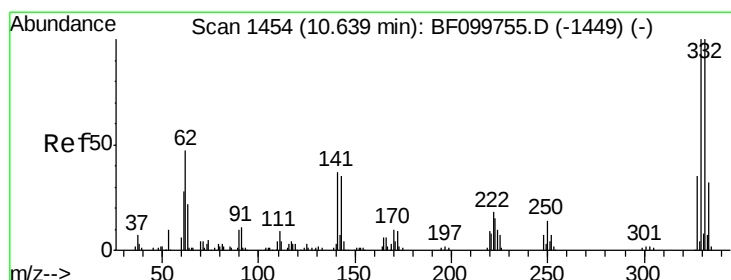
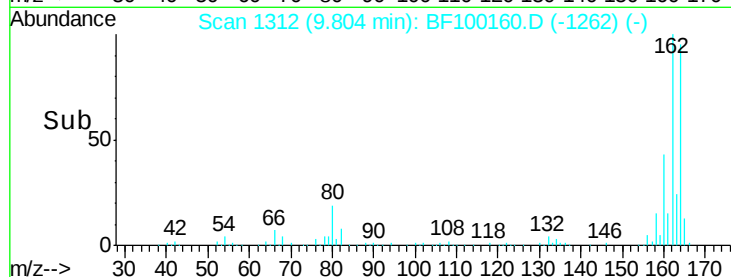
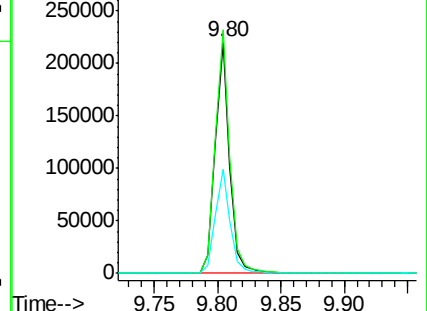
160 45.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 111.270 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF100160.D

Acq: 4 Nov 2017 4:01

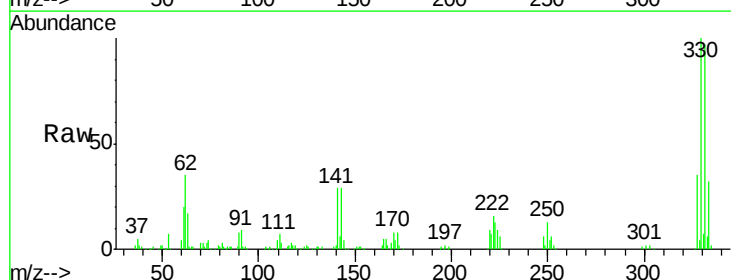
Tgt Ion:330 Resp: 180525

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

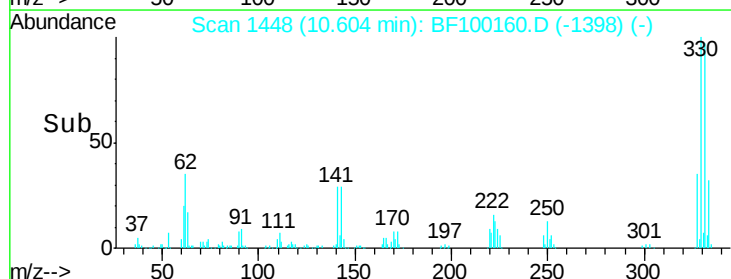
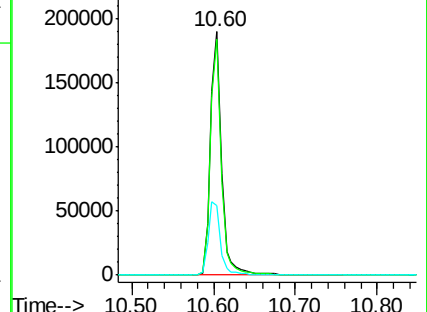
141 33.6 29.9 44.9

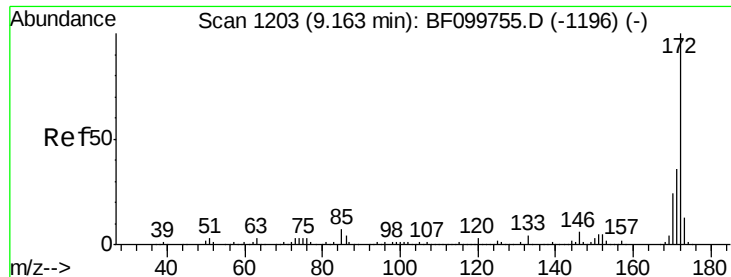


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

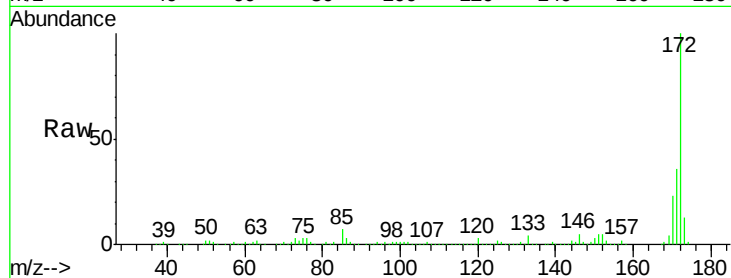




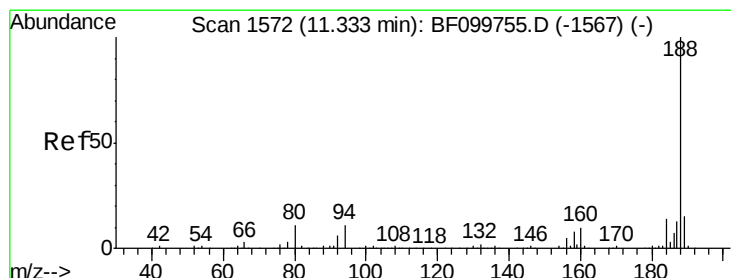
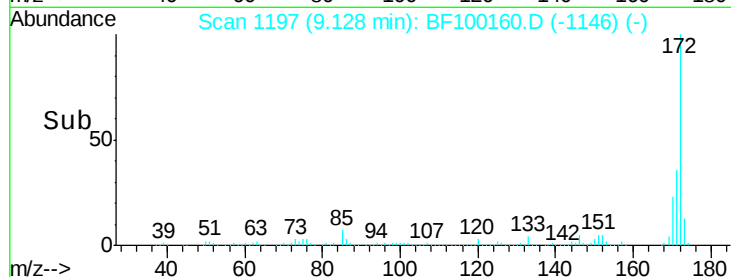
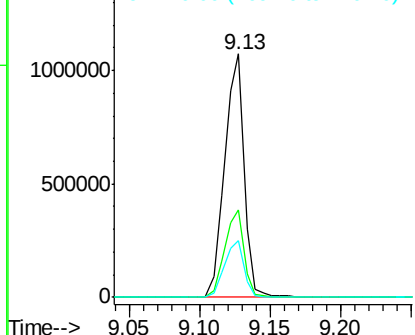
#44
 2-Fluorobiphenyl
 Concen: 89.362 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF100160.D
 Acq: 4 Nov 2017 4:01

Instrument :
 BNA_F
 ClientSampleId :
 RLF-FD-02

Tgt Ion:172 Resp: 1031148
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.3 19.6 29.4

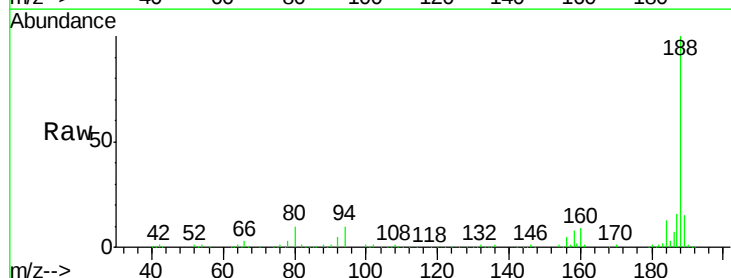


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

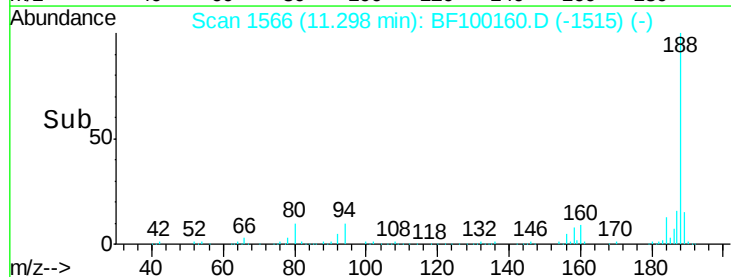
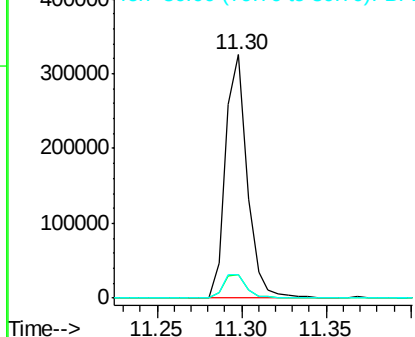


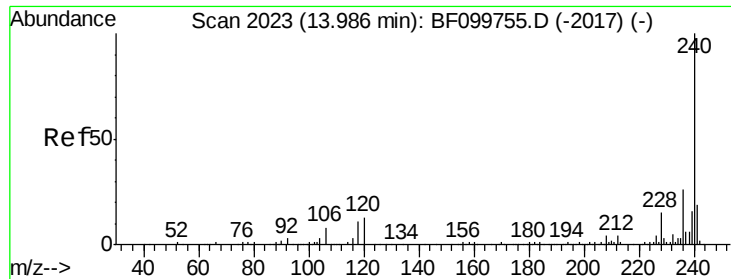
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF100160.D
 Acq: 4 Nov 2017 4:01

Tgt Ion:188 Resp: 291347
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 9.9 9.2 13.8



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

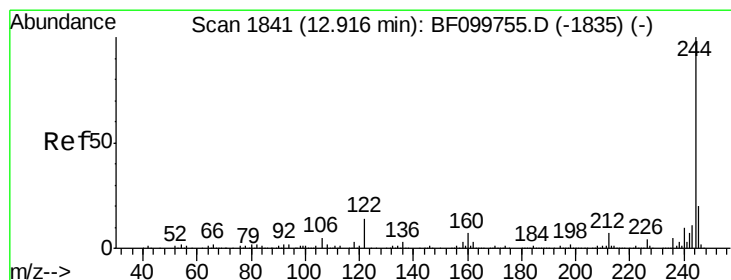
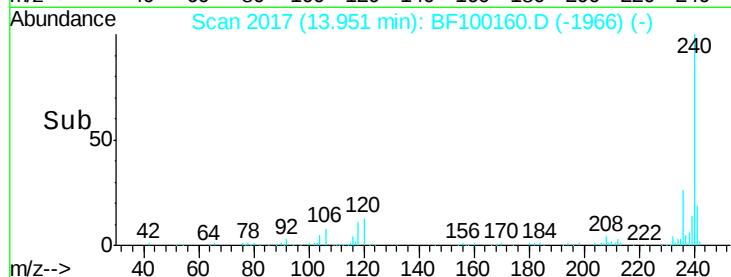
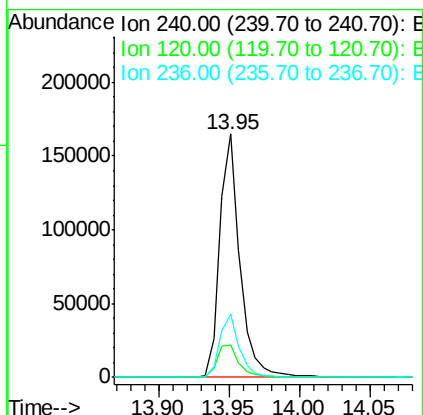
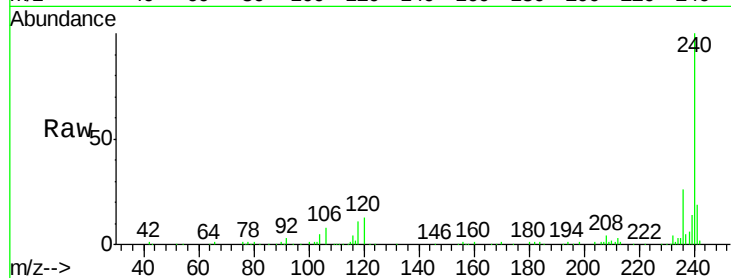




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF100160.D
 Acq: 4 Nov 2017 4:01

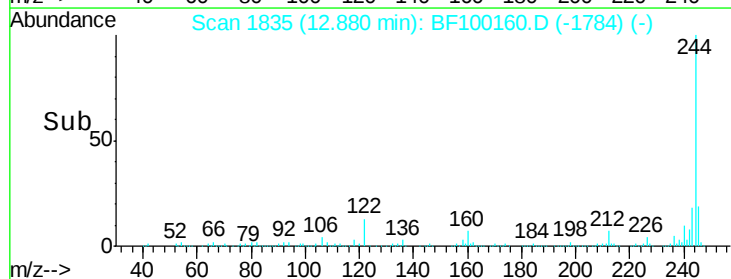
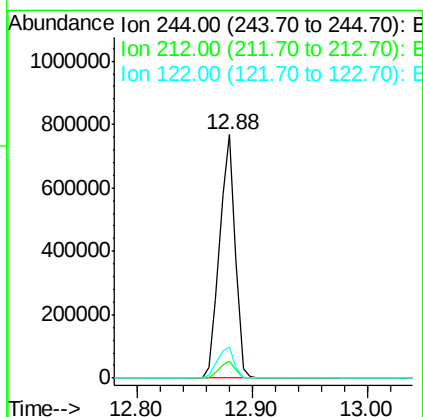
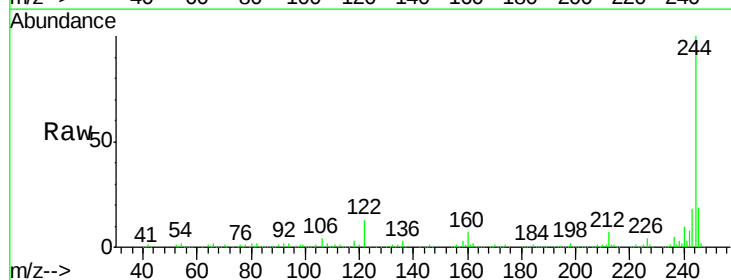
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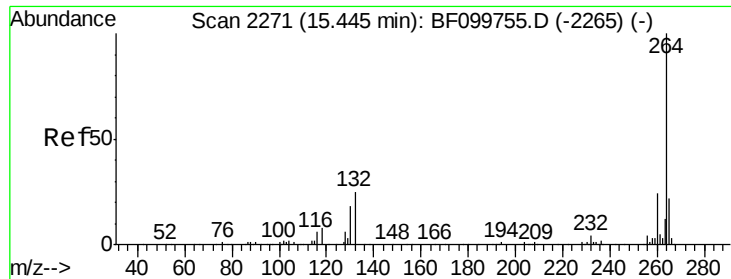
Tgt Ion:240 Resp: 163913
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 96.444 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: BF100160.D
 Acq: 4 Nov 2017 4:01

Tgt Ion:244 Resp: 723371
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 12.6 11.0 16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100160.D
Acq: 4 Nov 2017 4:01

Instrument :
BNA_F
ClientSampleId :
RLF-FD-02

Tgt Ion: 264 Resp: 164705
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.8 17.5 26.3

