

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100856.D
 Acq On : 23 Nov 2017 6:42
 Operator : SJ/JU
 Sample : PB104490BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BL

Quant Time: Nov 24 22:13:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	77420	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	297166	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	139224	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	238655	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	150394	20.00	ng	-0.02
86) Perylene-d12	15.49	264	166249	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	378043	78.27	ng	0.00
7) Phenol-d6	6.49	99	461605	77.51	ng	-0.02
23) Nitrobenzene-d5	7.42	82	422753	94.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	117133	82.56	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	856625	93.69	ng	-0.02
78) Terphenyl-d14	12.97	244	599607	91.61	ng	-0.02

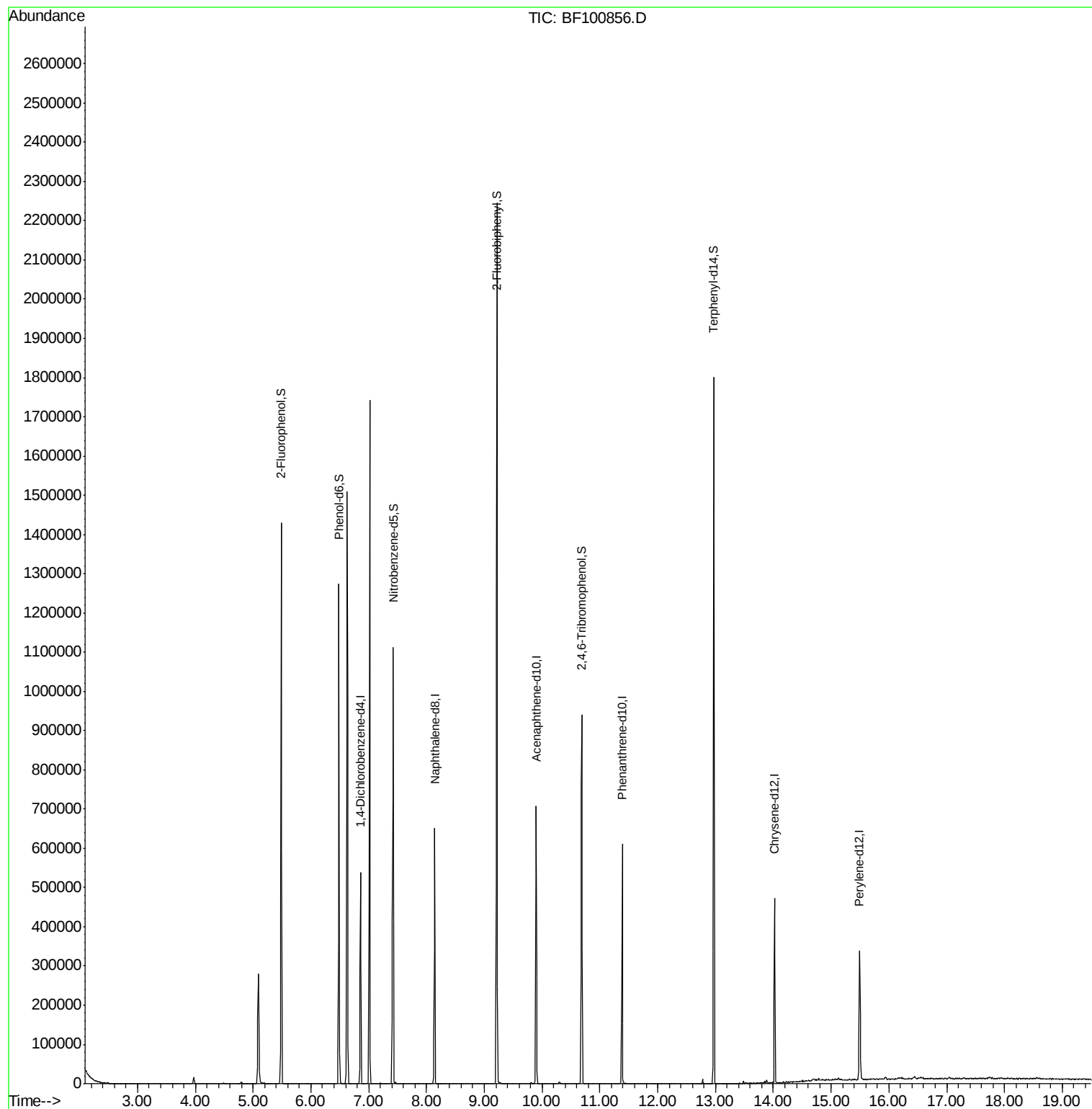
Target Compounds Qvalue

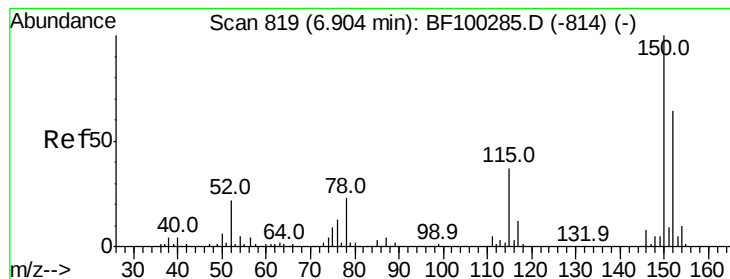
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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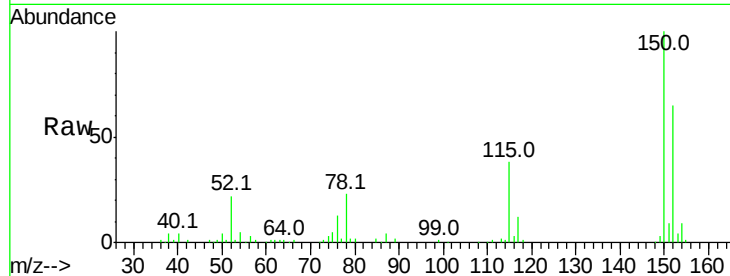


#1

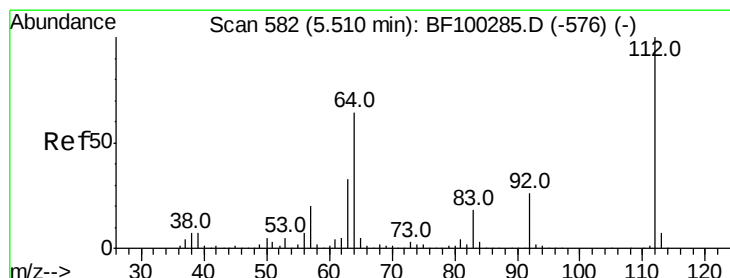
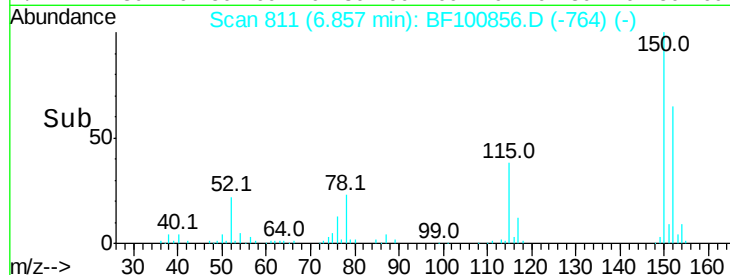
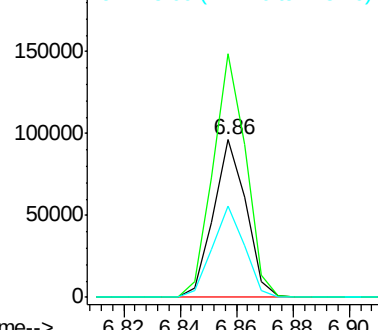
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Instrument :
BNA_F
ClientSampleId :
PB104490BL

Tot Ion:152 Resp: 77420
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 58.2 50.1 75.1



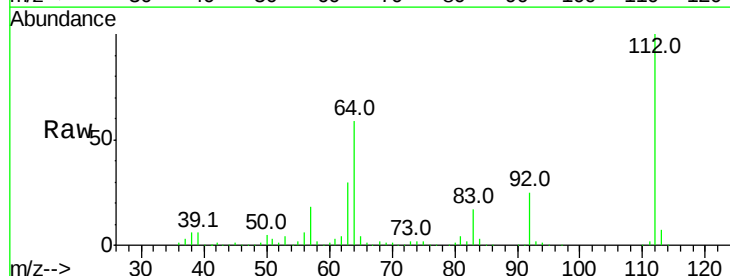
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



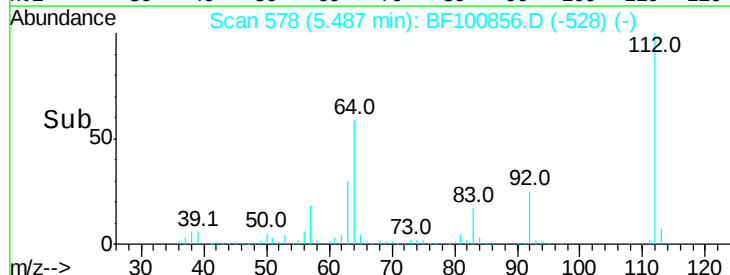
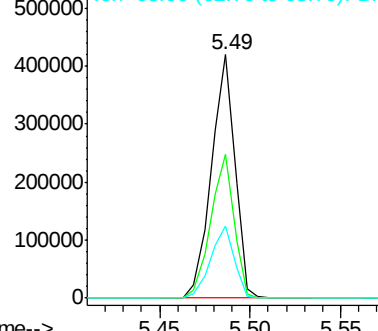
#5

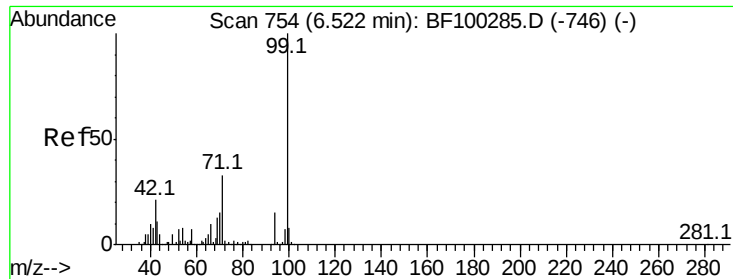
2-Fluorophenol
Concen: 78.274 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:112 Resp: 378043
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 29.8 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: 77.506 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Instrument :

BNA_F

ClientSampleId :

PB104490BL

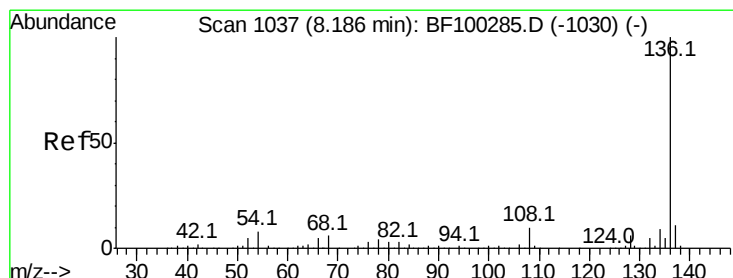
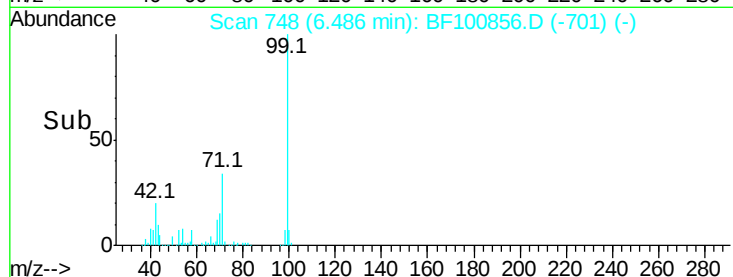
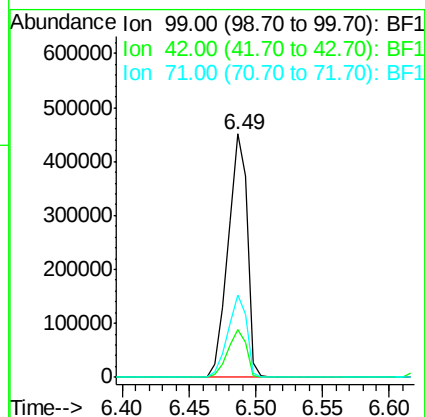
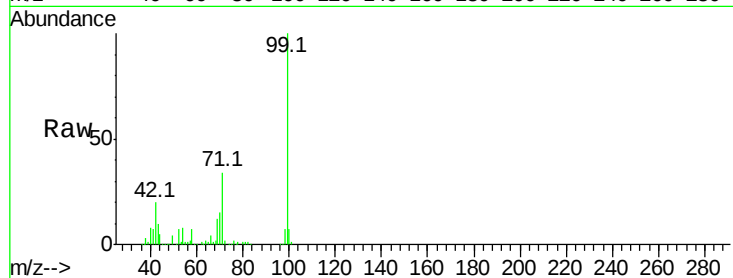
Tot Ion: 99 Resp: 461605

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 33.7 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BF100856.D

Acq: 23 Nov 2017 6:42

Tgt Ion: 136 Resp: 297166

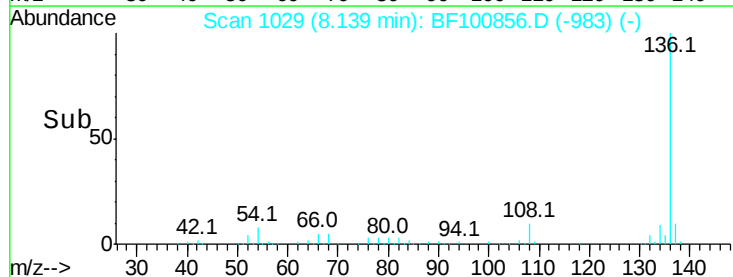
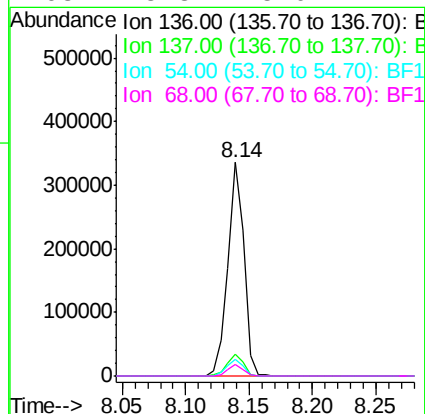
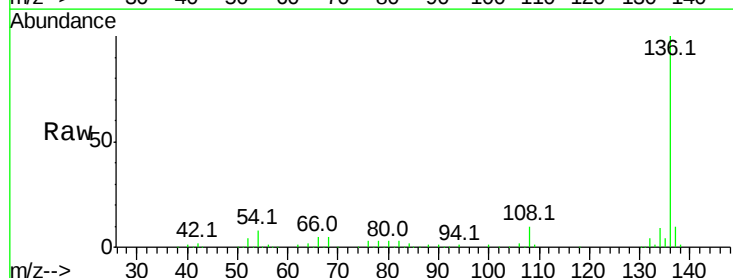
Ion Ratio Lower Upper

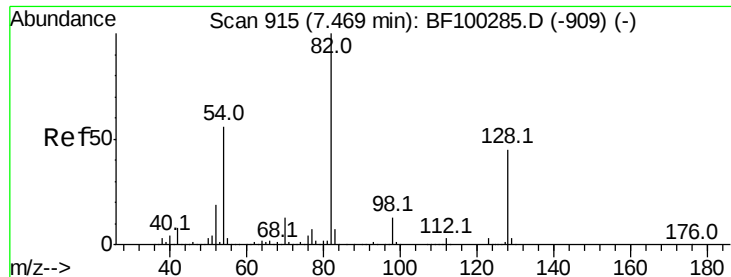
136 100

137 10.3 8.9 13.3

54 8.0 6.6 9.8

68 5.3 5.0 7.4

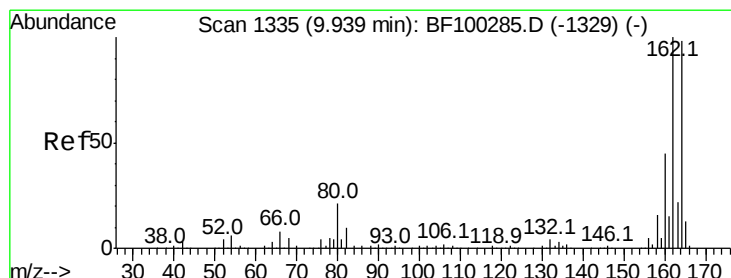
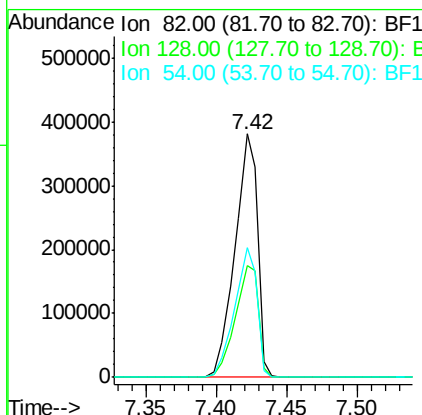
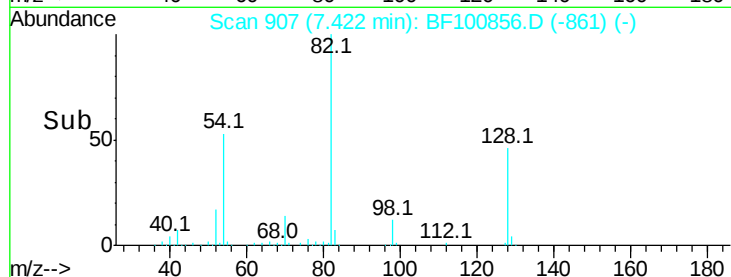
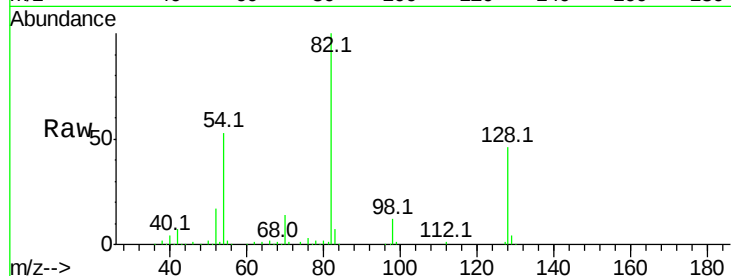




#23
 Nitrobenzene-d5
 Concen: 94.054 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.03 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

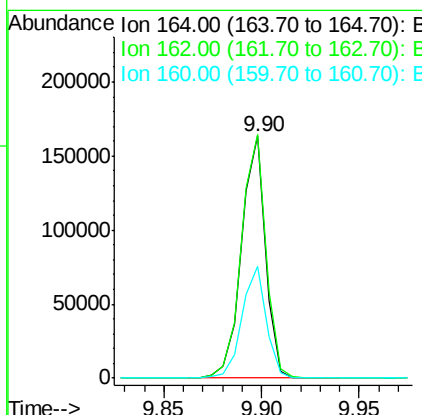
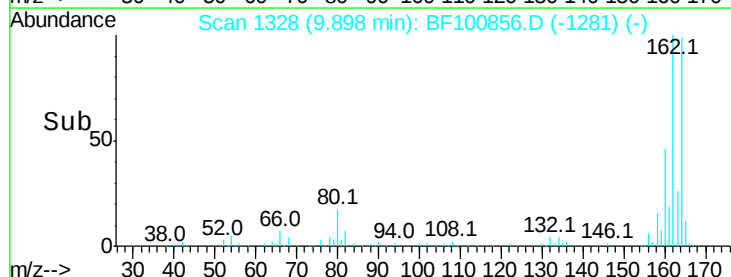
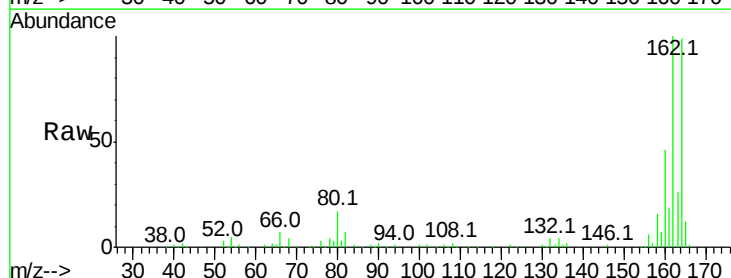
Instrument :
 BNA_F
 ClientSampleId :
 PB104490BL

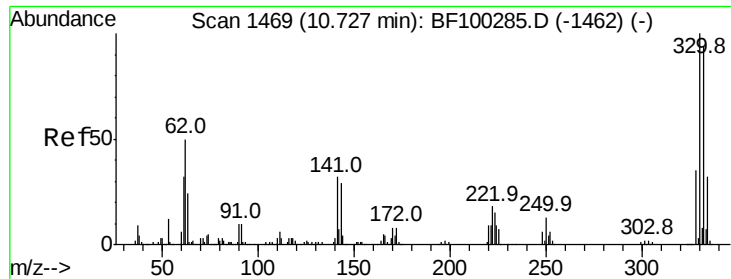
Tot Ion: 82 Resp: 422753
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 53.1 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

Tgt Ion:164 Resp: 139224
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 46.1 38.3 57.5

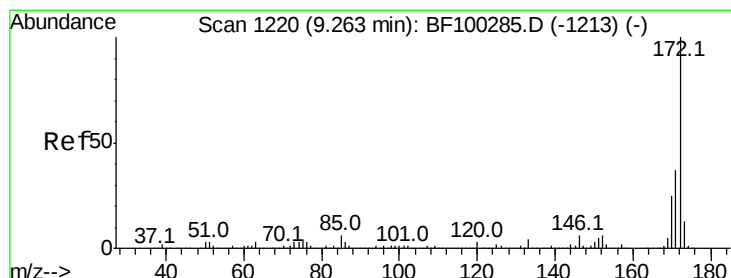
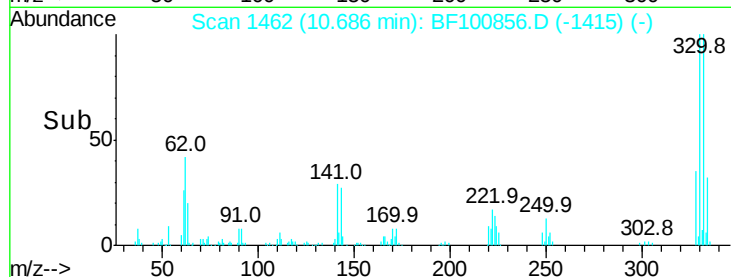
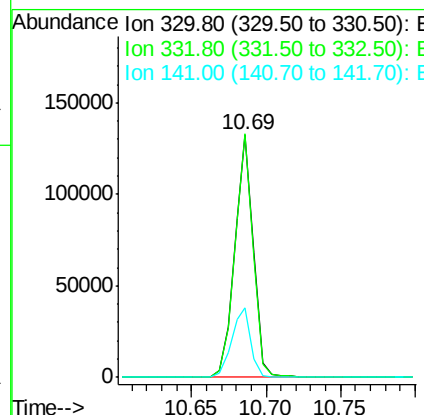
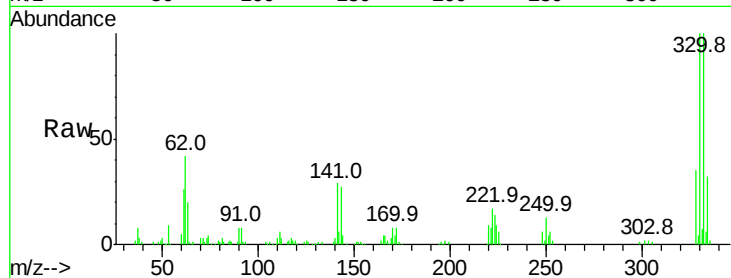




#41
 2,4,6-Tribromophenol
 Concen: 82.564 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

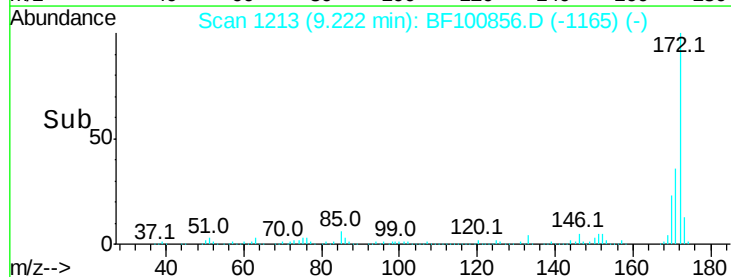
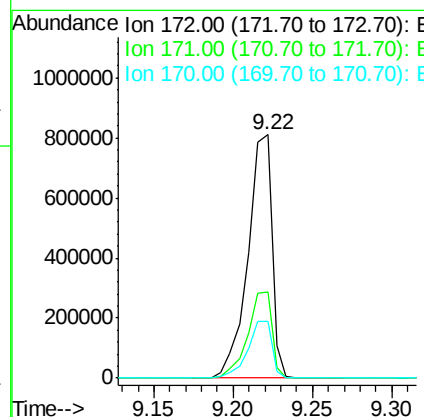
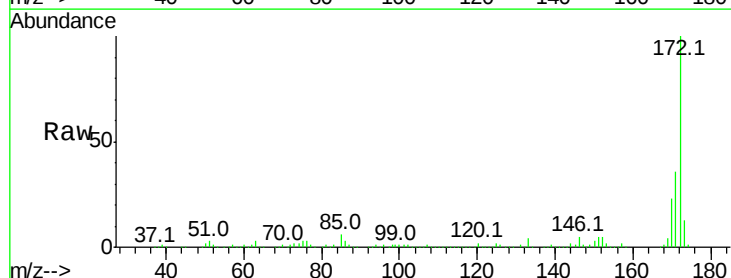
Instrument :
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 ClientSampleId :
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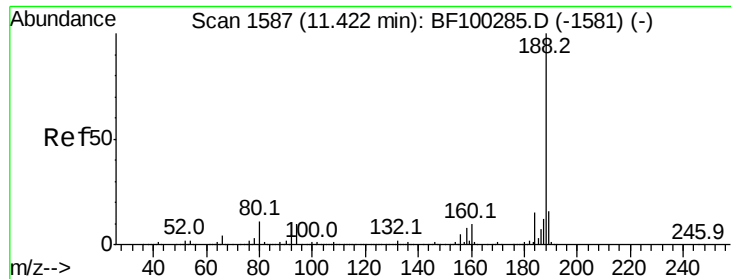
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	29.7	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 93.690 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.2	19.6	29.4

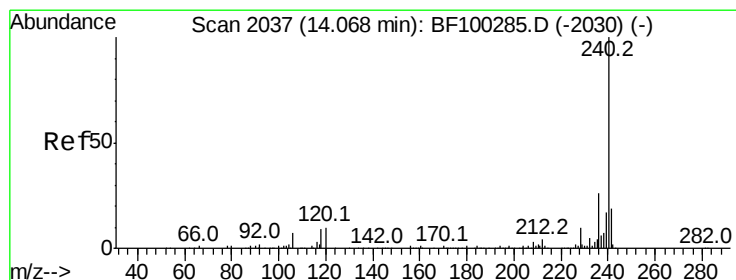
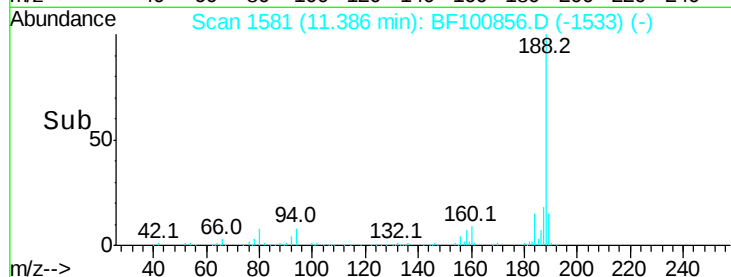
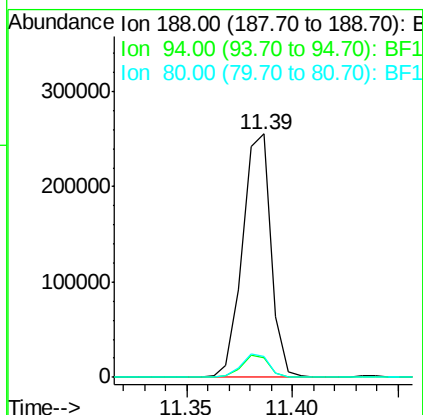
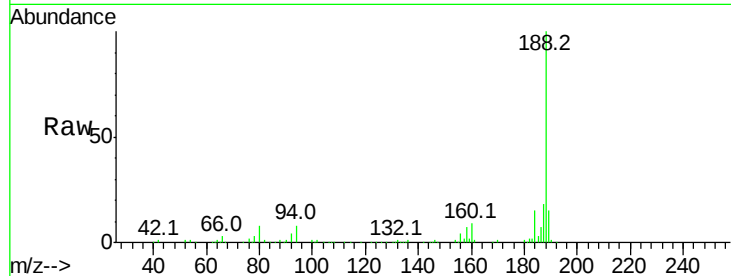




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

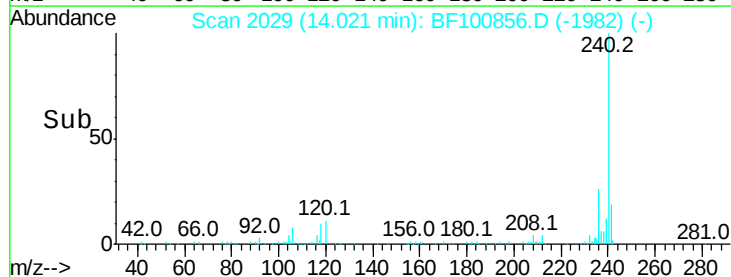
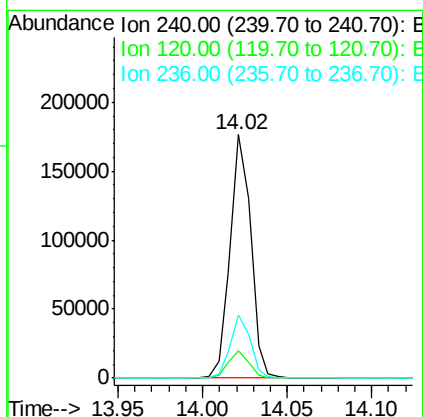
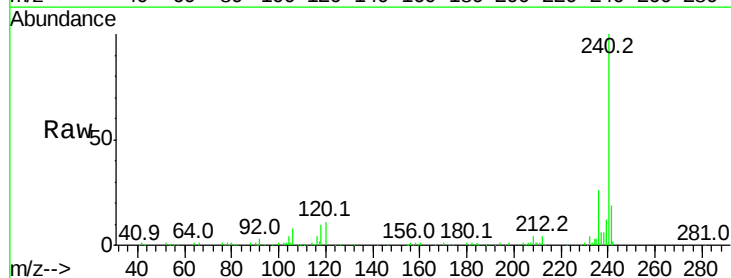
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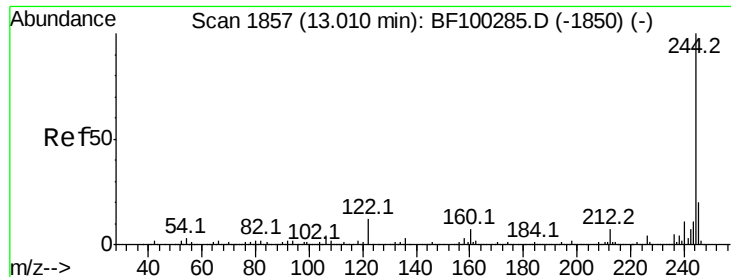
Tot Ion:188 Resp: 238655
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF100856.D
Acq: 23 Nov 2017 6:42

Tgt Ion:240 Resp: 150394
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.8 20.7 31.1

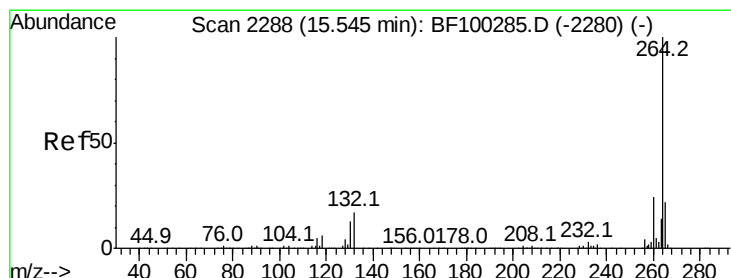
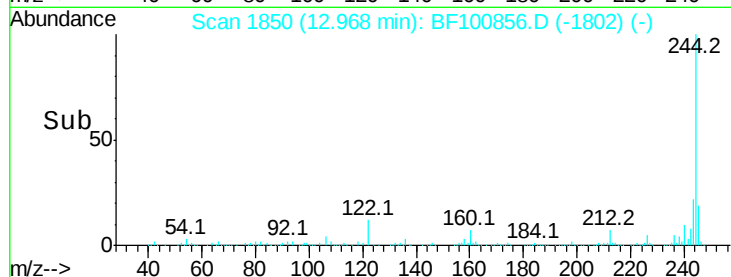
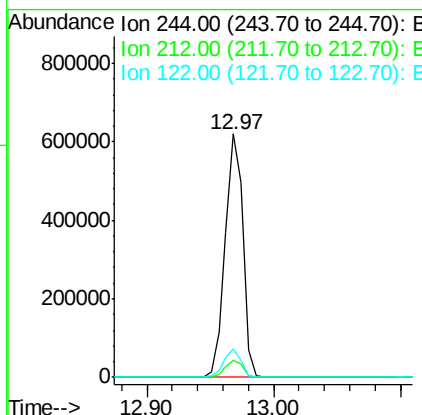
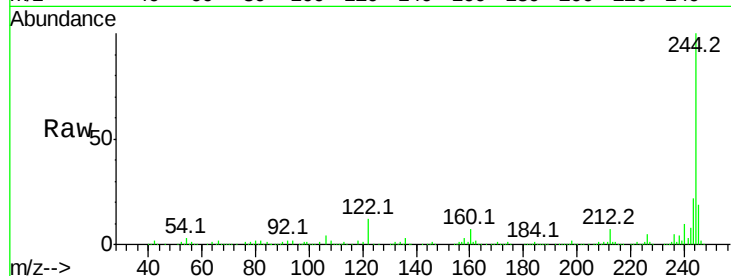




#78
 Terphenyl-d14
 Concen: 91.607 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.02 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

Instrument :
 BNA_F
 ClientSampleId :
 PB104490BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF100856.D
 Acq: 23 Nov 2017 6:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.5	26.3

