

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100298.D
 Acq On : 8 Nov 2017 18:16
 Operator : SJ/JU
 Sample : I6338-02 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK2021L

Quant Time: Nov 08 18:45:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	179543	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	708635	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	315867	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	485064	20.00	ng	0.00
75) Chrysene-d12	14.06	240	294632	20.00	ng	0.00
86) Perylene-d12	15.55	264	379058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1327	0.12	ng	0.00
7) Phenol-d6	6.50	99	1215	0.09	ng	-0.02
23) Nitrobenzene-d5	7.45	82	2961	0.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	1088	0.34	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	10814	0.52	ng	-0.01
78) Terphenyl-d14	13.00	244	8369	0.65	ng	0.00

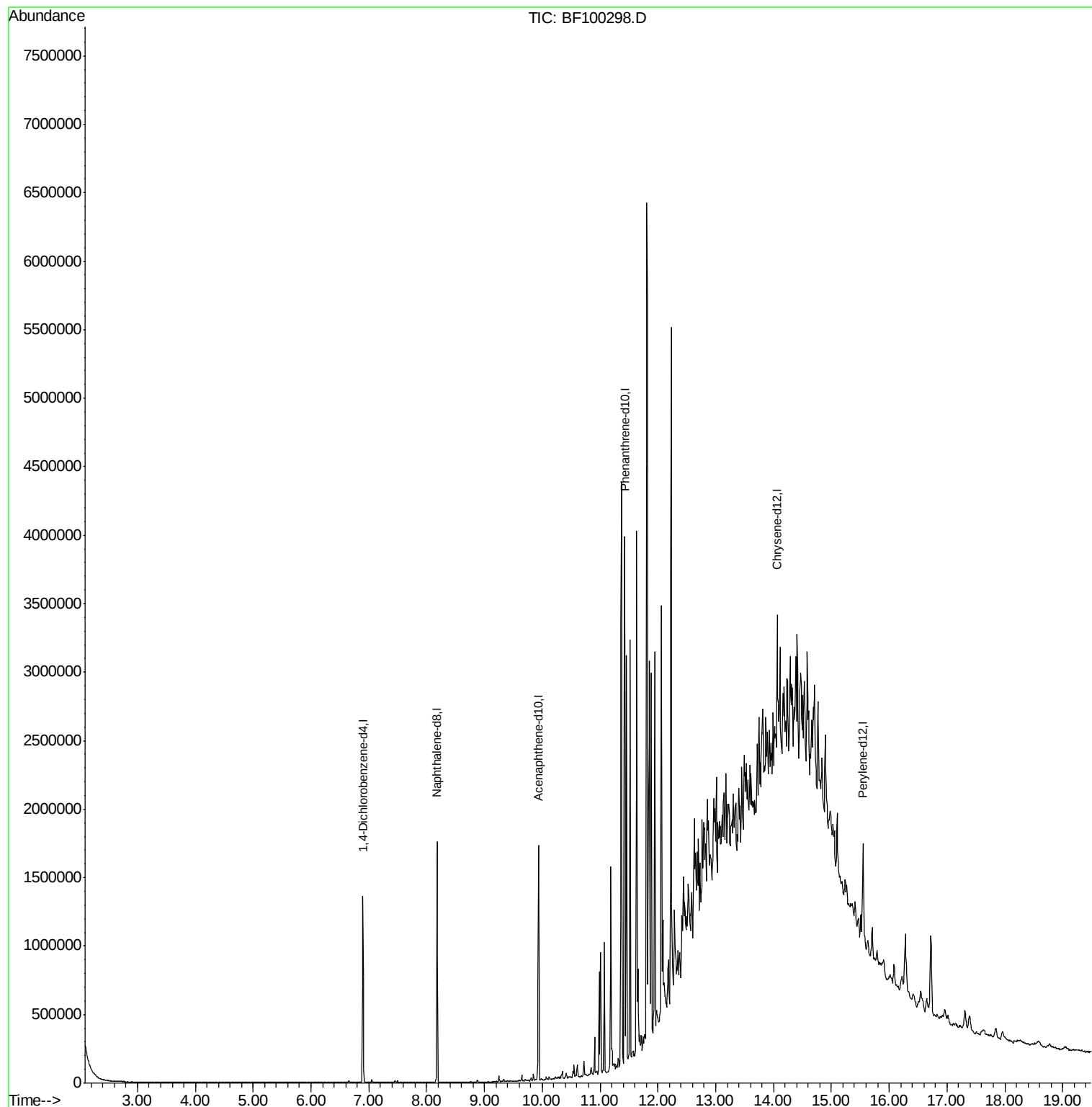
Target Compounds Qvalue

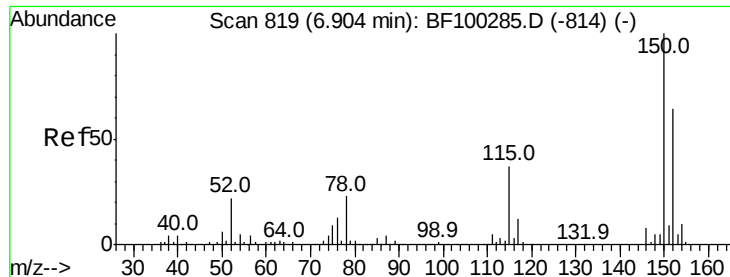
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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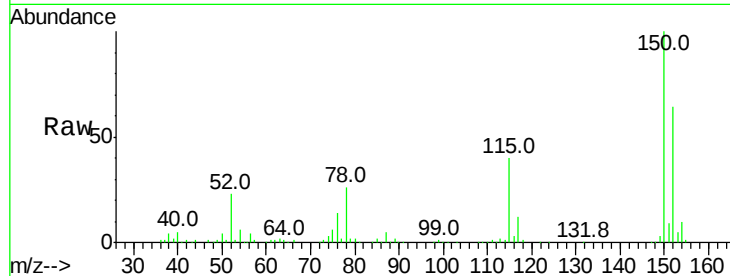


#1

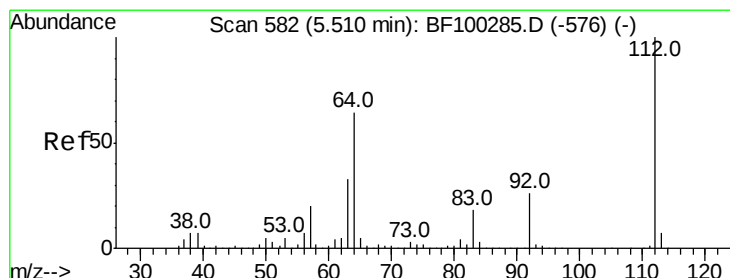
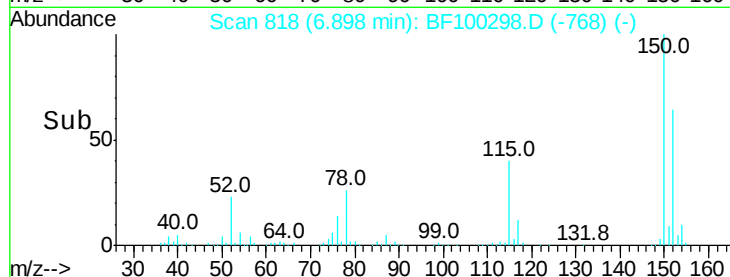
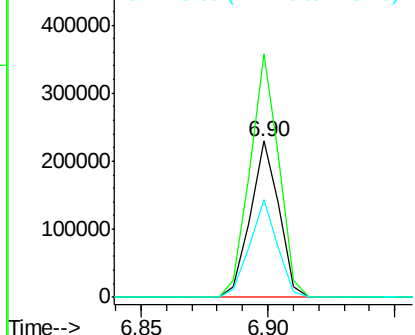
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Instrument :
BNA_F
ClientSampleId :
TK2021L

Tot Ion:152 Resp: 179543
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 62.3 50.1 75.1



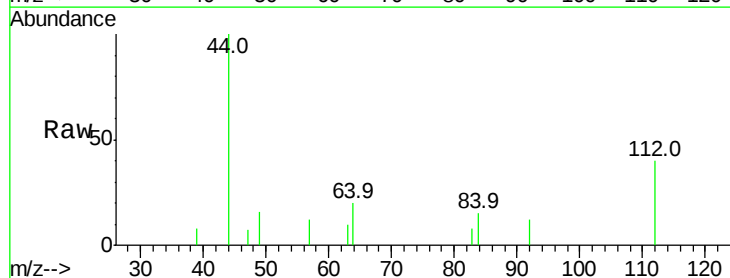
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



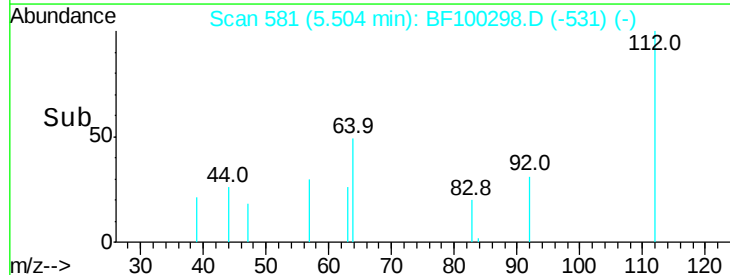
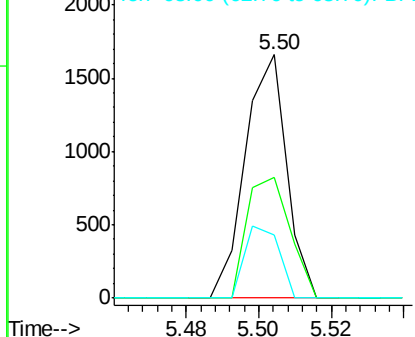
#5

2-Fluorophenol
Concen: 0.118 ng
RT: 5.50 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tgt Ion:112 Resp: 1327
Ion Ratio Lower Upper
112 100
64 49.4 47.9 71.9
63 25.8 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: 0.088 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF100298.D

Acq: 8 Nov 2017 18:16

Instrument :

BNA_F

ClientSampleId :

TK2021L

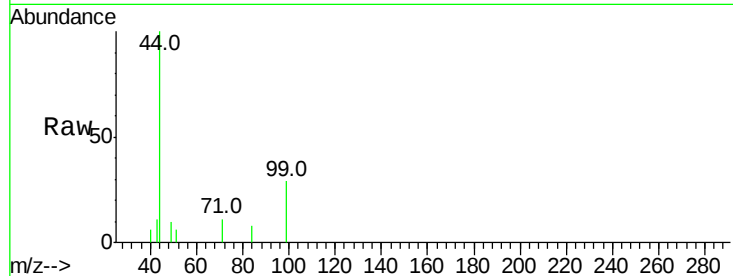
Tot Ion: 99 Resp: 1215

Ion Ratio Lower Upper

99 100

42 0.0 14.5 21.7#

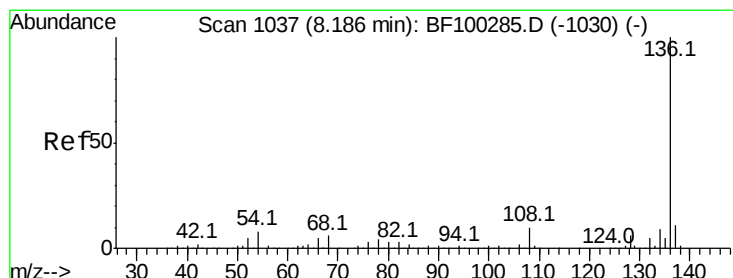
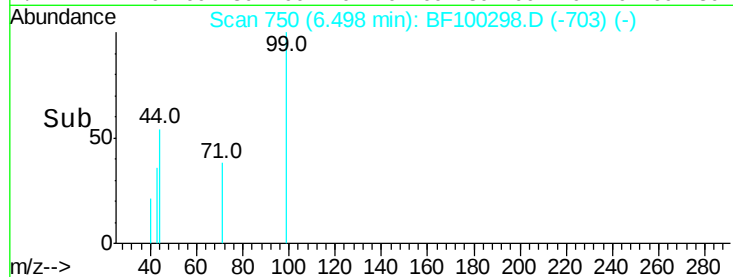
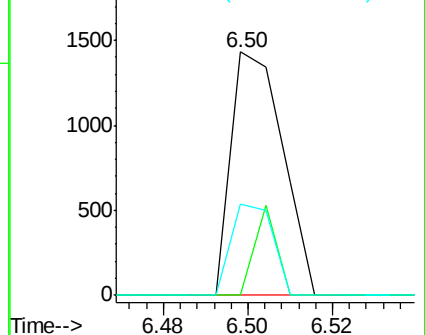
71 37.8 25.4 38.0



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: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100298.D

Acq: 8 Nov 2017 18:16

Tgt Ion: 136 Resp: 708635

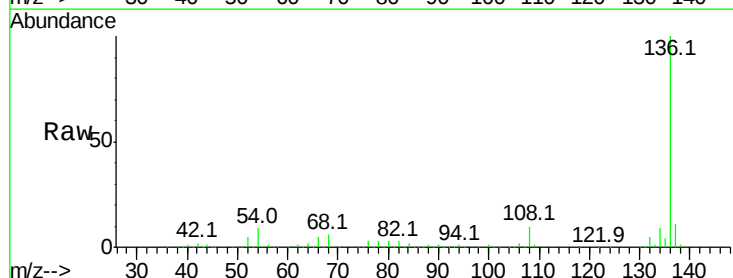
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 6.5 5.0 7.4

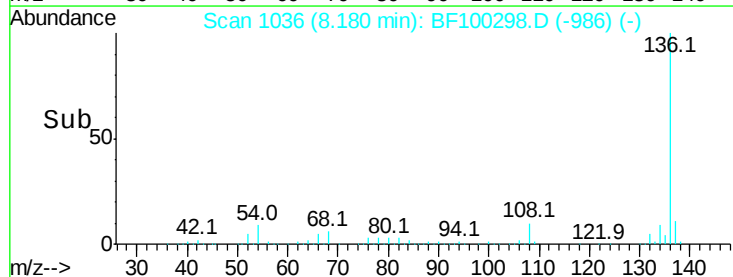
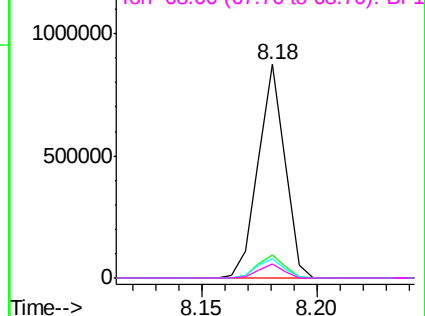


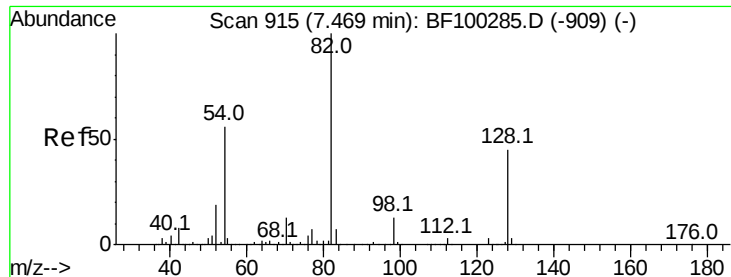
Abundance Ion 136.00 (135.70 to 136.70): E

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

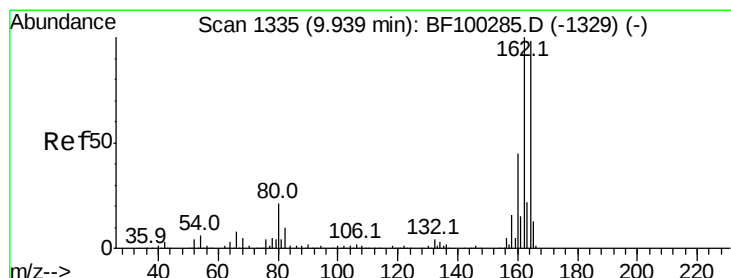
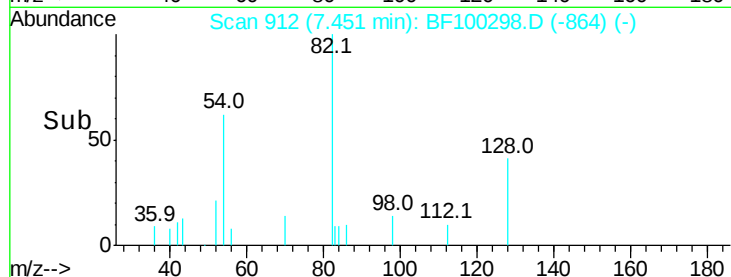
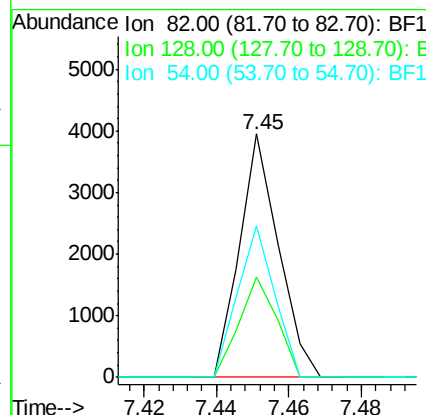
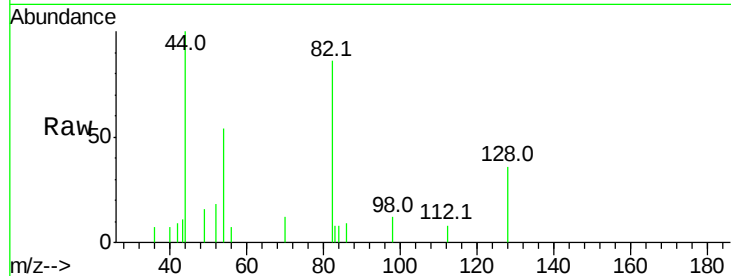




#23
Nitrobenzene-d5
Concen: 0.276 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

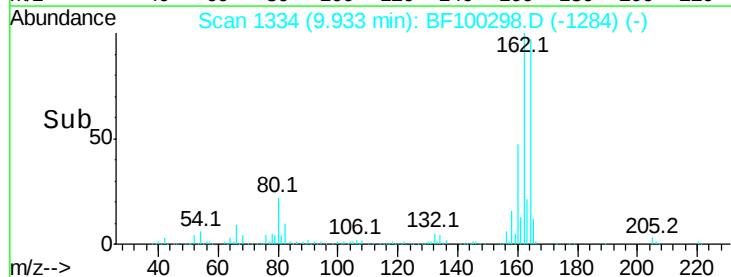
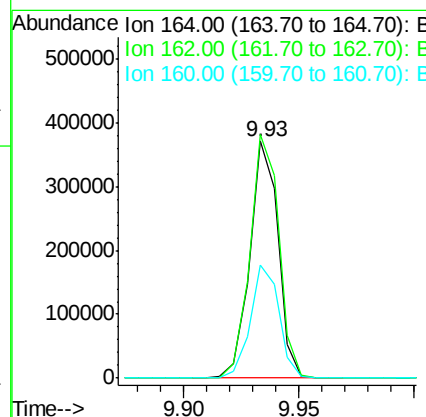
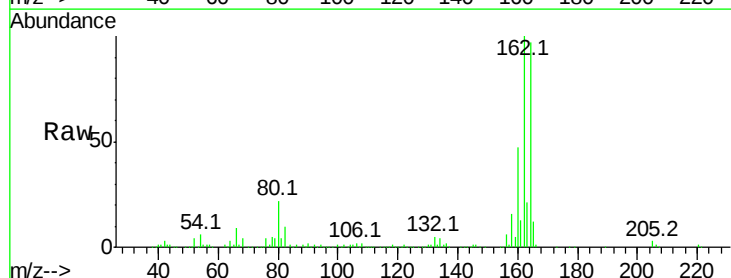
Instrument :
BNA_F
ClientSampleId :
TK2021L

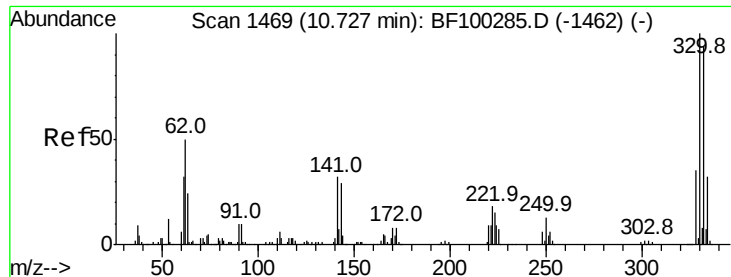
Tot Ion: 82 Resp: 2961
Ion Ratio Lower Upper
82 100
128 41.4 36.1 54.1
54 62.3 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tgt Ion:164 Resp: 315867
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 47.9 38.3 57.5

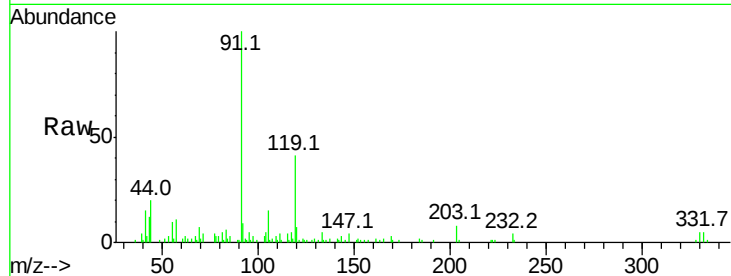




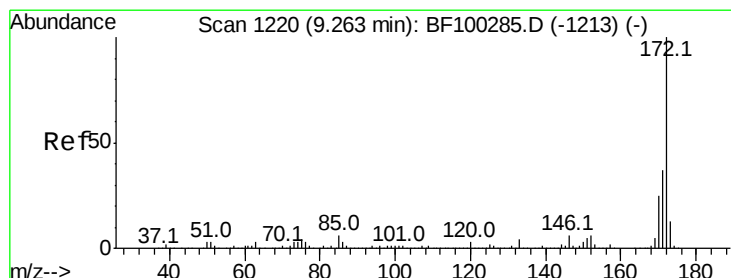
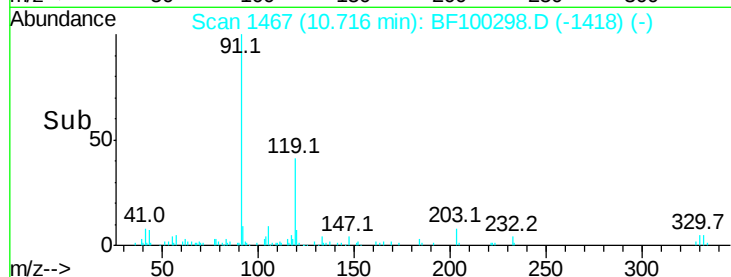
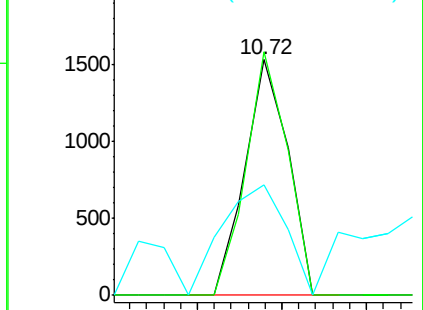
#41
 2,4,6-Tribromophenol
 Concen: 0.338 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF100298.D
 Acq: 8 Nov 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 TK2021L

Tot Ion:330 Resp: 1088
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 69.3 29.9 44.9#

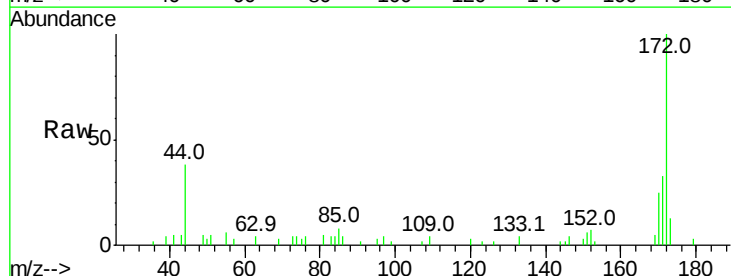


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

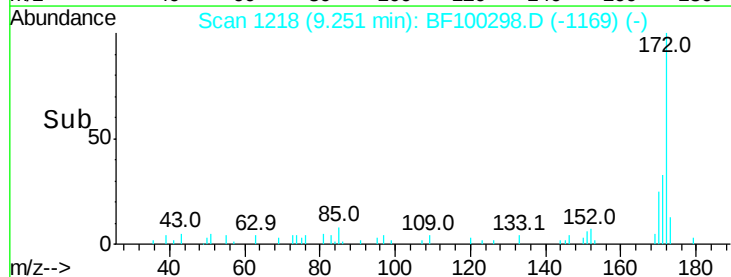
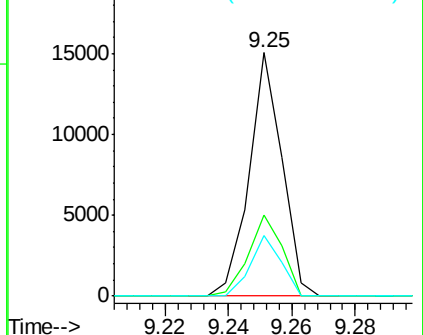


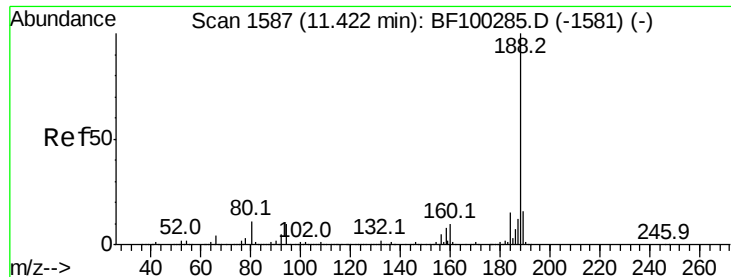
#44
 2-Fluorobiphenyl
 Concen: 0.521 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF100298.D
 Acq: 8 Nov 2017 18:16

Tgt Ion:172 Resp: 10814
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.7 44.5
 170 24.6 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

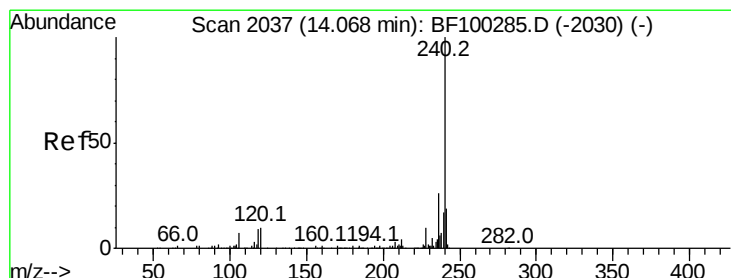
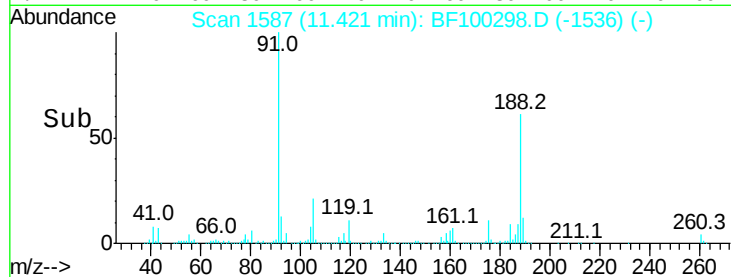
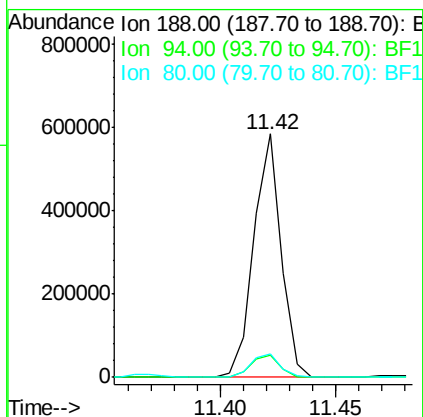
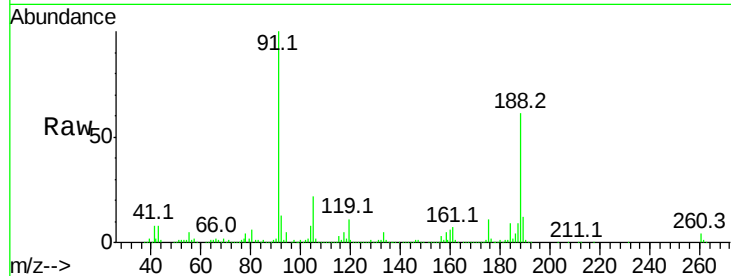




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

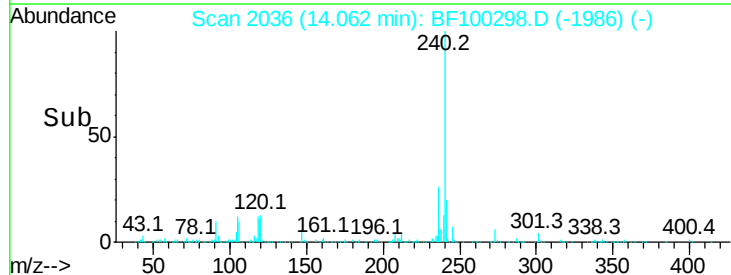
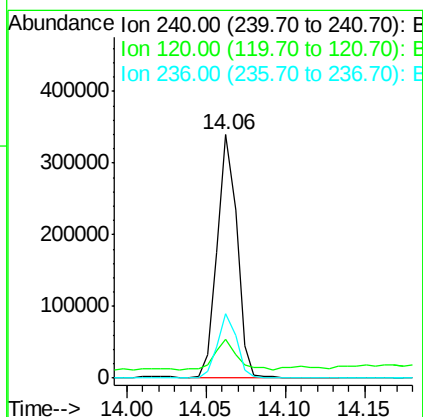
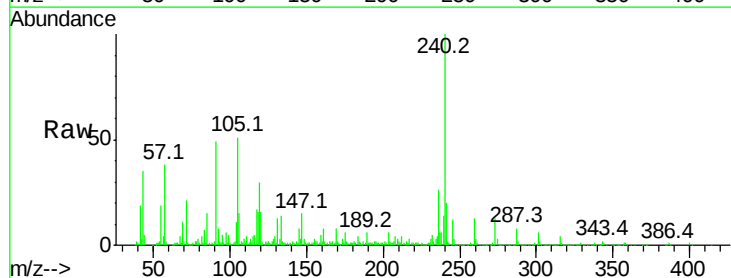
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TK2021L

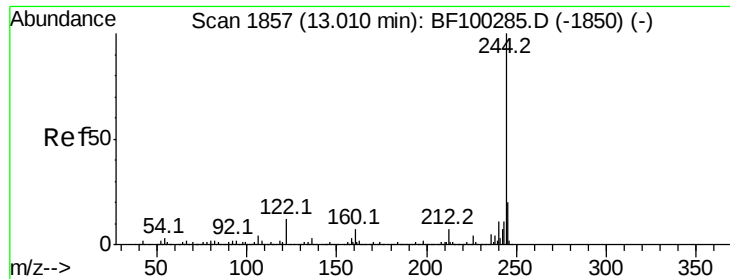
Tot Ion:188 Resp: 485064
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100298.D
Acq: 8 Nov 2017 18:16

Tgt Ion:240 Resp: 294632
Ion Ratio Lower Upper
240 100
120 15.9 9.5 14.3#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 0.653 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF100298.D

Acq: 8 Nov 2017 18:16

Instrument :

BNA_F

ClientSampleId :

TK2021L

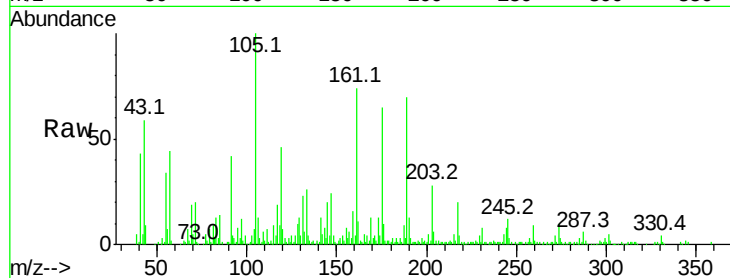
Tot Ion:244 Resp: 8369

Ion Ratio Lower Upper

244 100

212 13.6 5.4 8.0#

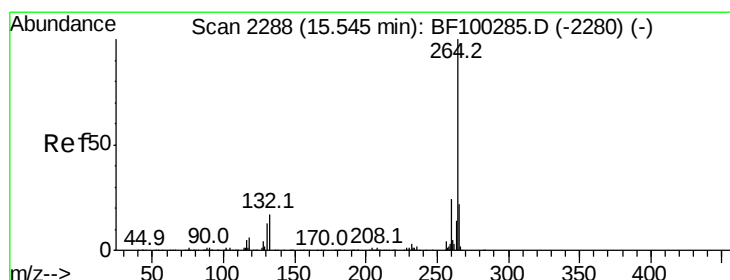
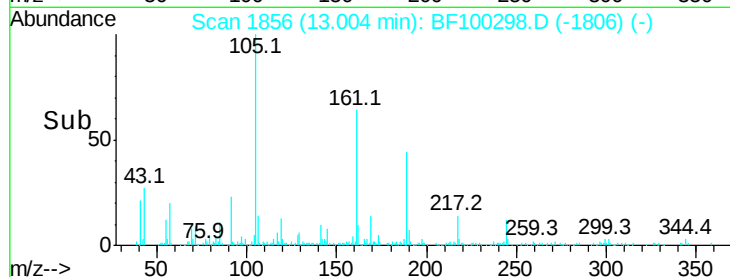
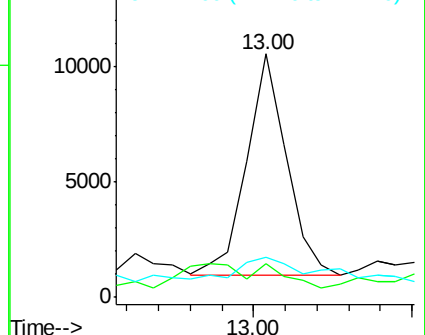
122 16.4 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100298.D

Acq: 8 Nov 2017 18:16

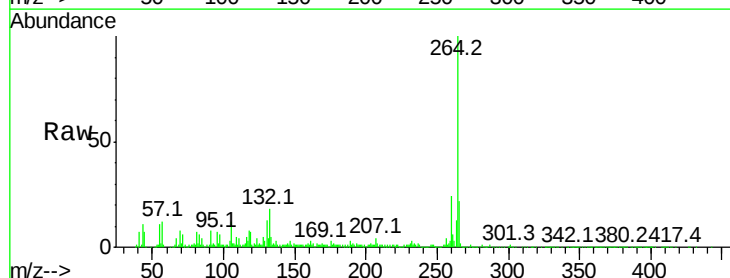
Tgt Ion:264 Resp: 379058

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 17.5 26.3



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

