

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100930.D
 Acq On : 28 Nov 2017 13:35
 Operator : SJ/JU
 Sample : I6594-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KUSER-CONCRETE

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Quant Time: Nov 29 06:12:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	59654	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	234724	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	112252	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	210963	20.00	ng	0.00
75) Chrysene-d12	14.02	240	133531	20.00	ng	-0.01
86) Perylene-d12	15.49	264	130125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	299567	80.50	ng	0.00
7) Phenol-d6	6.49	99	448097	97.65	ng	0.00
23) Nitrobenzene-d5	7.42	82	288617	81.29	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	82490	72.12	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	661502	89.73	ng	0.00
78) Terphenyl-d14	12.96	244	573373	98.66	ng	0.00

Target Compounds Qvalue

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

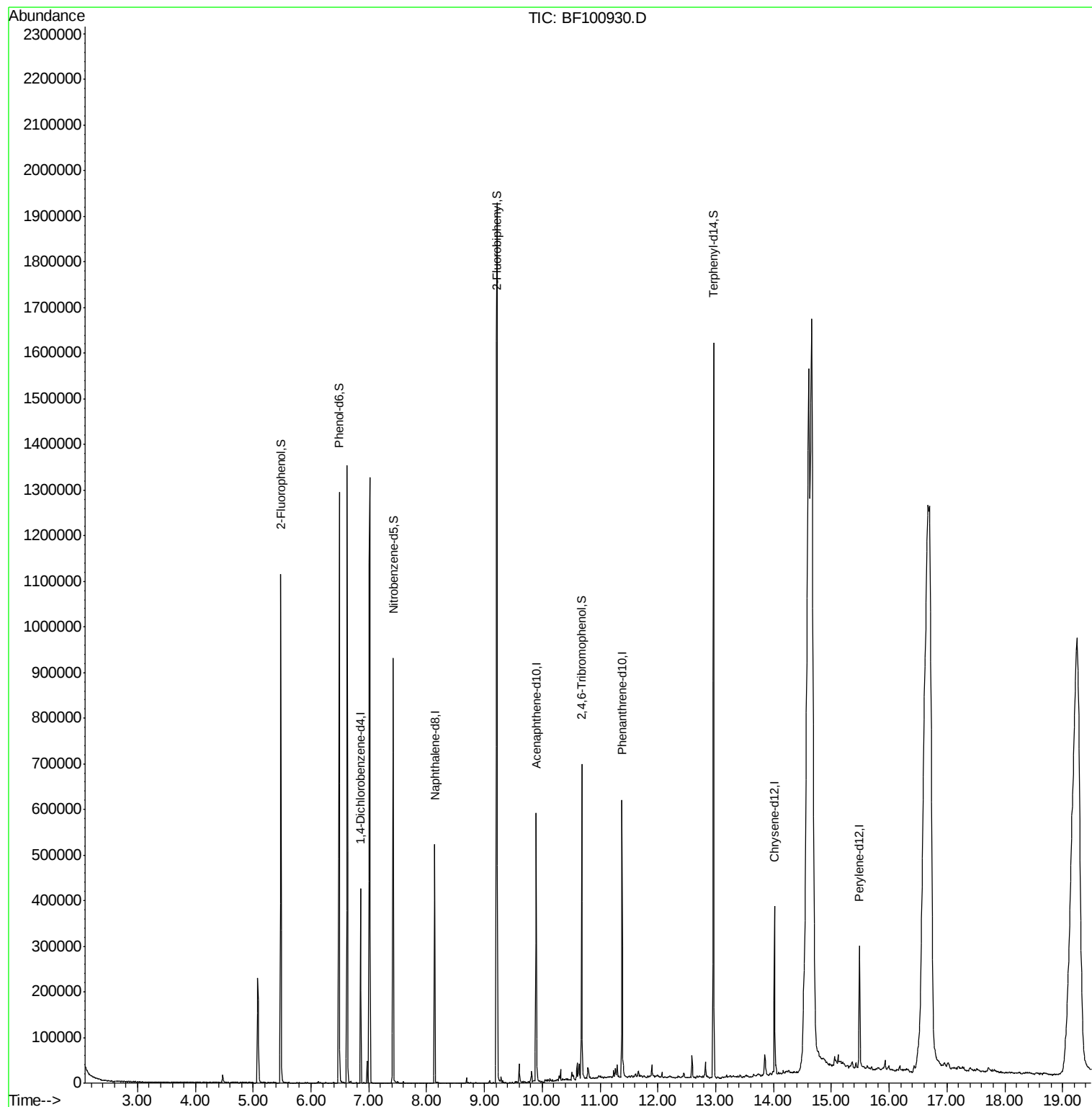
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100930.D
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ALS Vial : 9 Sample Multiplier: 1

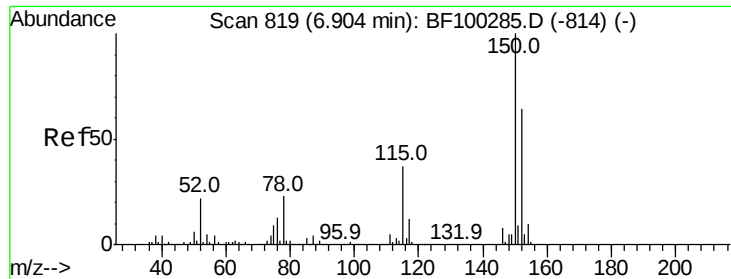
Instrument :
BNA_F
ClientSampleId :
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#1

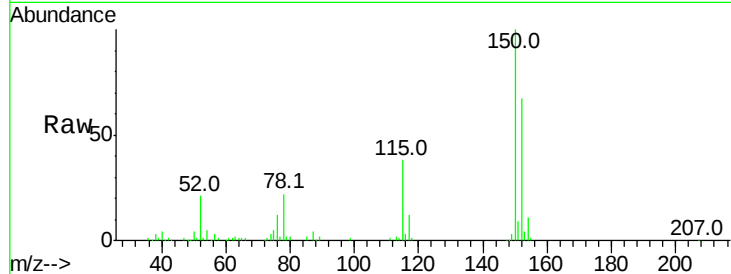
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Instrument :
BNA_F
ClientSampleId :
KUSER-CONCRETE

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	124.6	186.8
115	57.4	50.1	75.1

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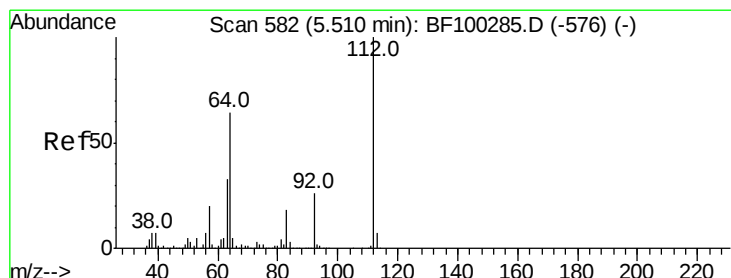
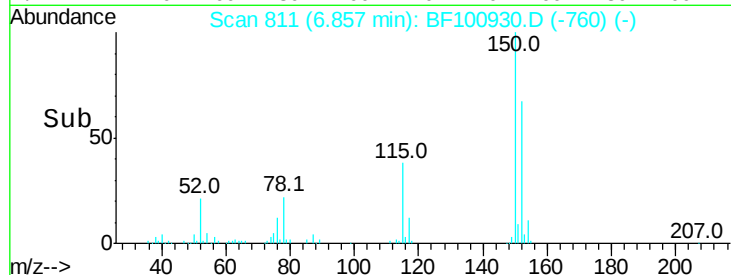
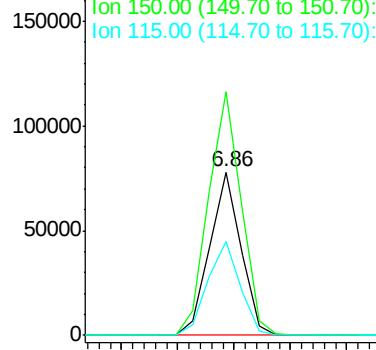


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

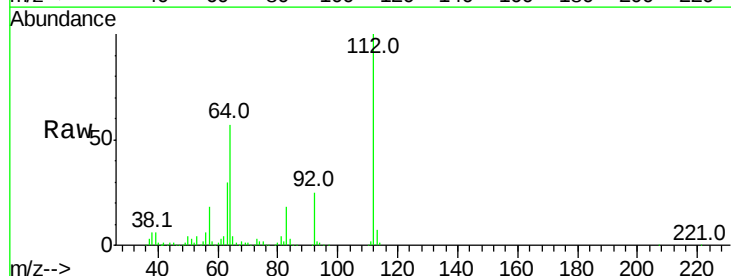
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 80.498 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	30.4	23.7	35.5

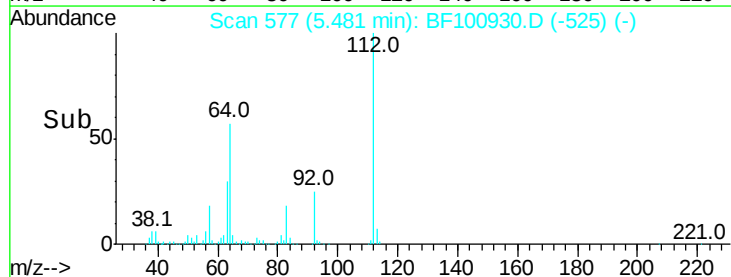
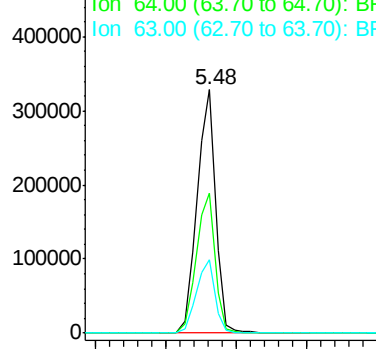


Abundance

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: 97.646 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF100930.D

Acq: 28 Nov 2017 13:35

Instrument :

BNA_F

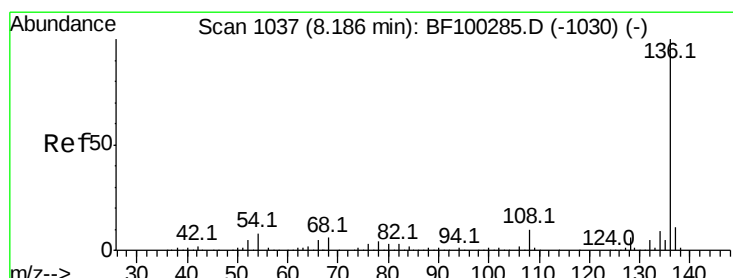
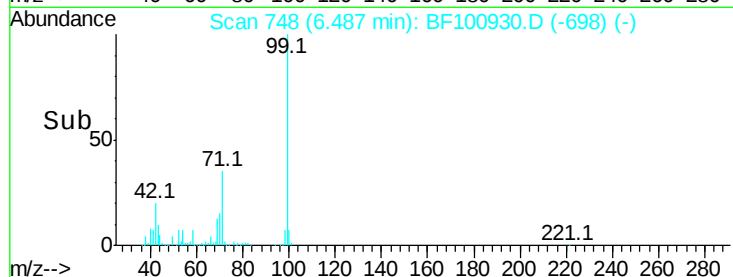
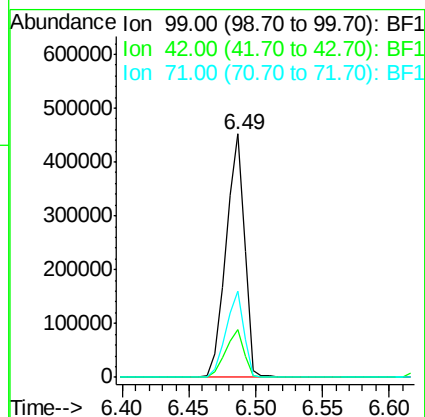
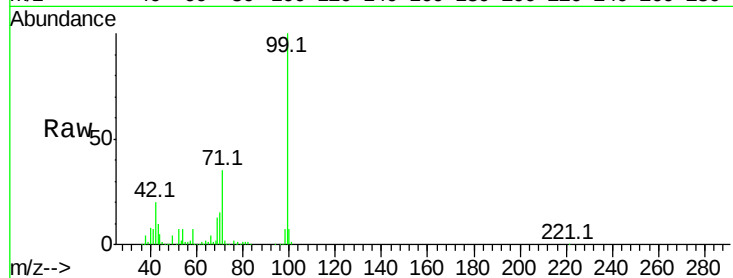
ClientSampleId :

KUSER-CONCRETE

Tot Ion:	99	Resp:	448097
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	35.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

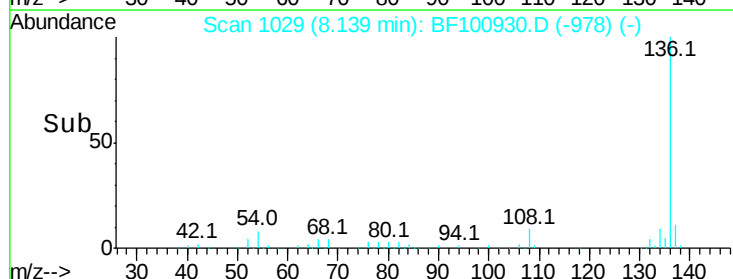
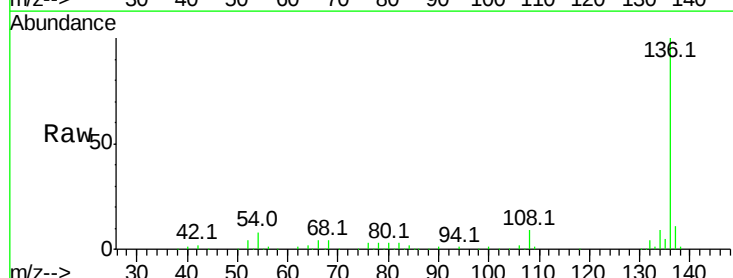
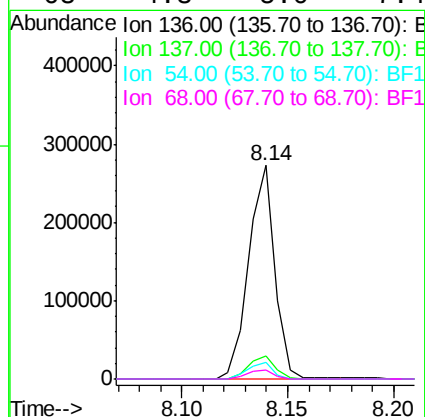
RT: 8.14 min Scan# 1029

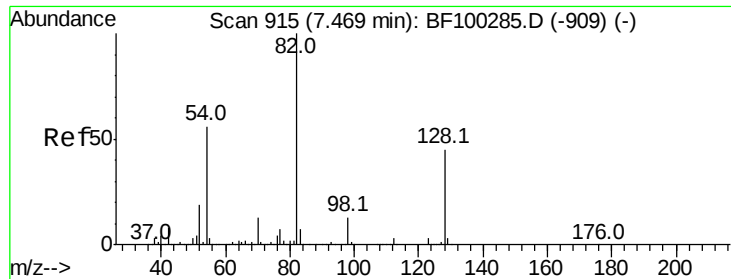
Delta R.T. 0.00 min

Lab File: BF100930.D

Acq: 28 Nov 2017 13:35

Tgt Ion:	136	Resp:	234724
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	4.3	5.0	7.4#





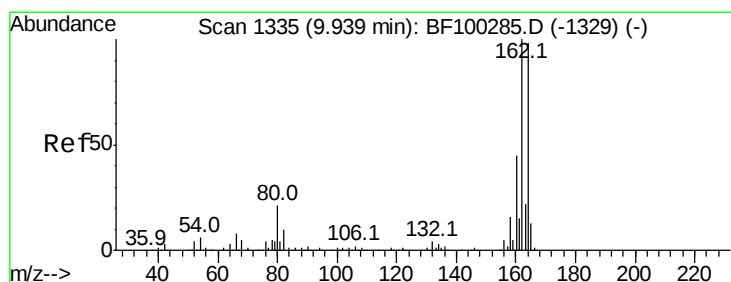
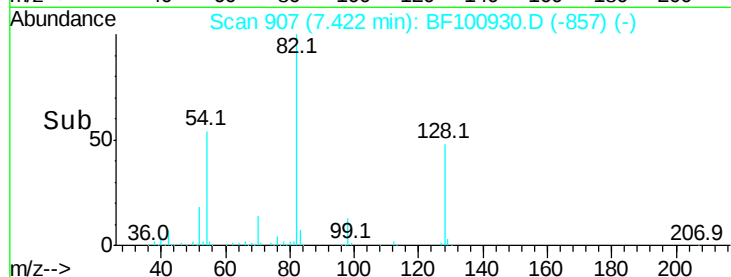
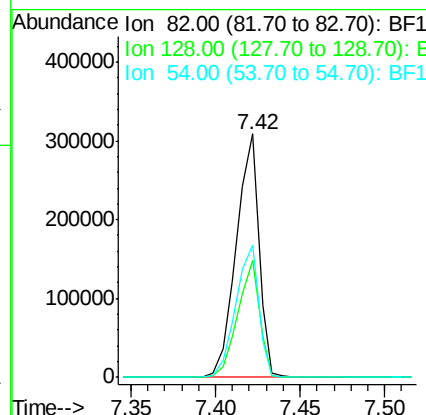
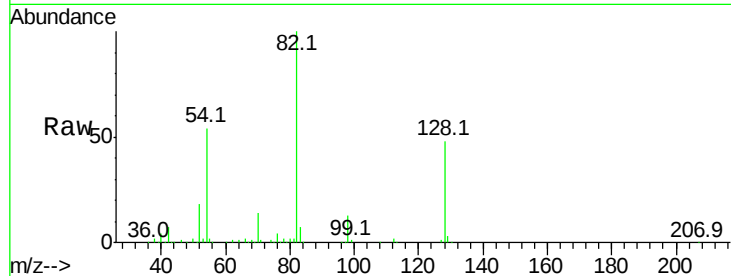
#23
Nitrobenzene-d5
Concen: 81.293 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Instrument :
BNA_F
ClientSampleId :
KUSER-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	288617		
128	47.8	36.1	54.1	
54	54.2	41.4	62.2	

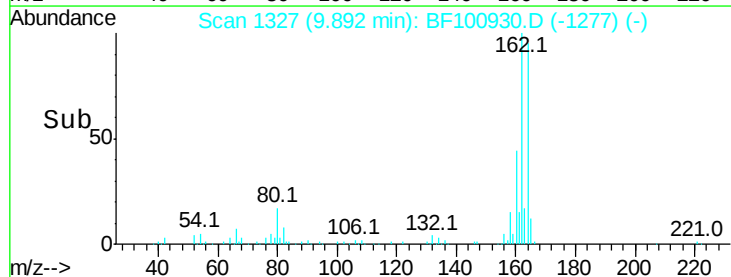
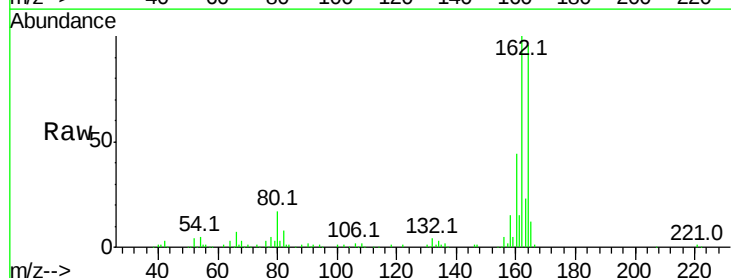
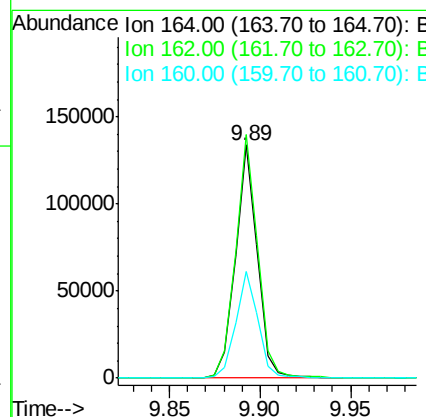
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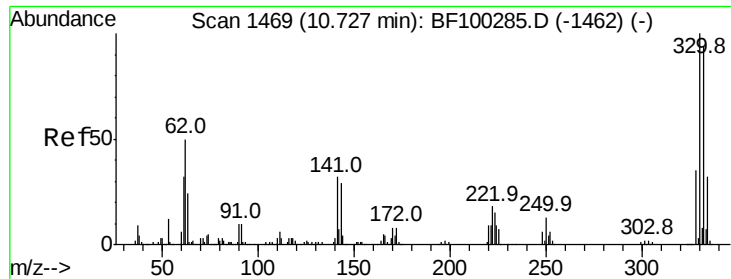
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	112252		
162	104.4	86.1	129.1	
160	45.7	38.3	57.5	





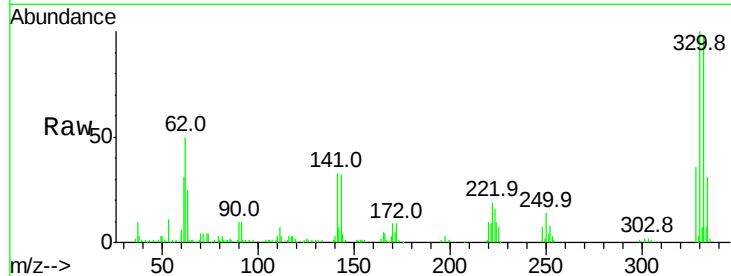
#41
 2,4,6-Tribromophenol
 Concen: 72.116 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 KUSER-CONCRETE

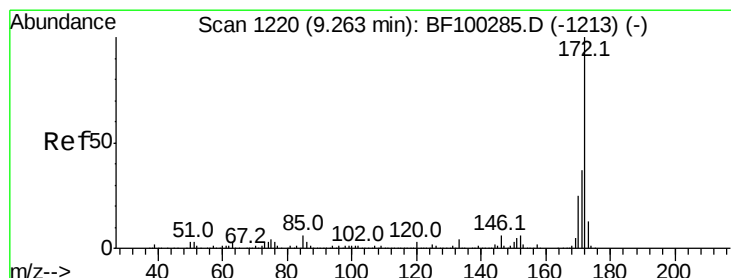
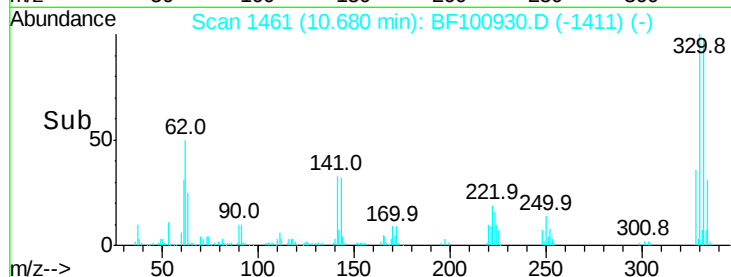
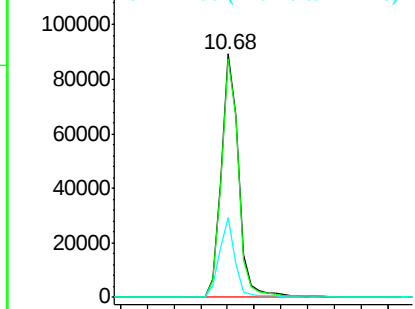
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	77.0	115.6	
141	29.5	29.9	44.9	

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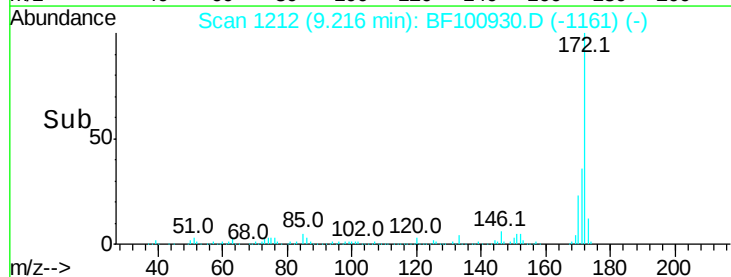
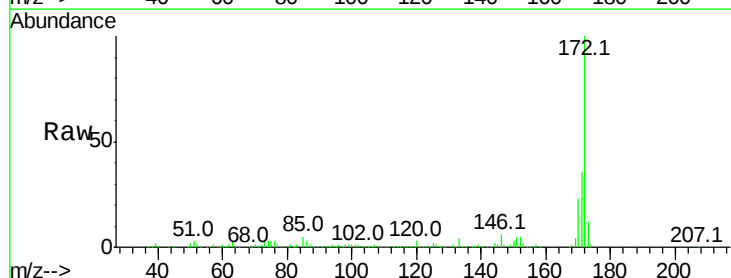
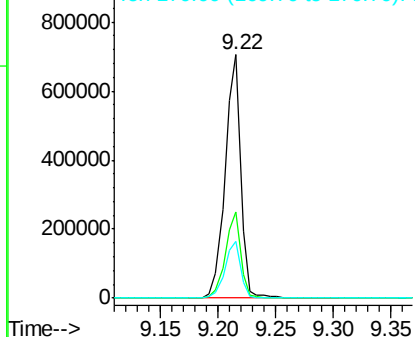
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

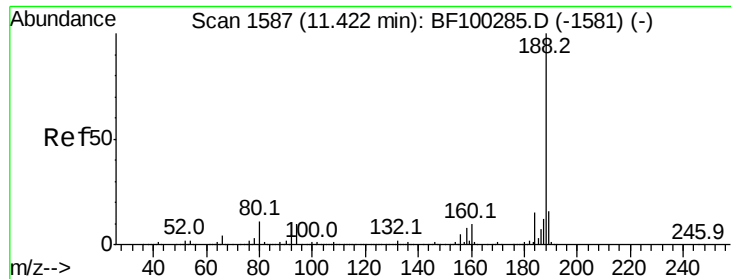


#44
 2-Fluorobiphenyl
 Concen: 89.734 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	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





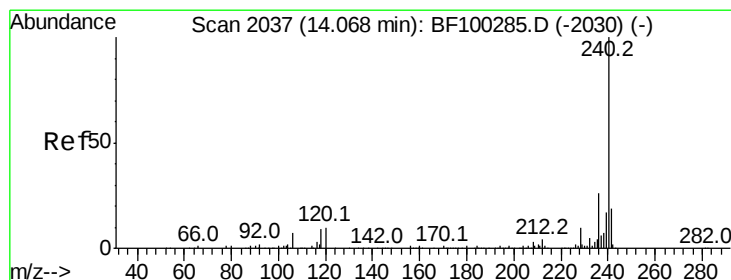
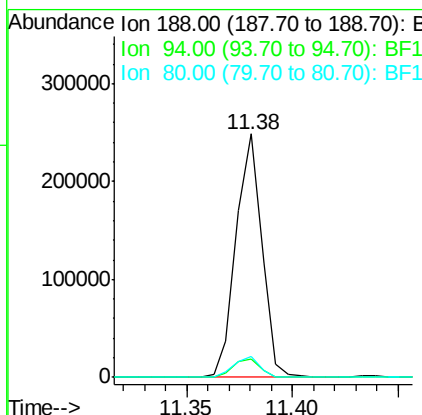
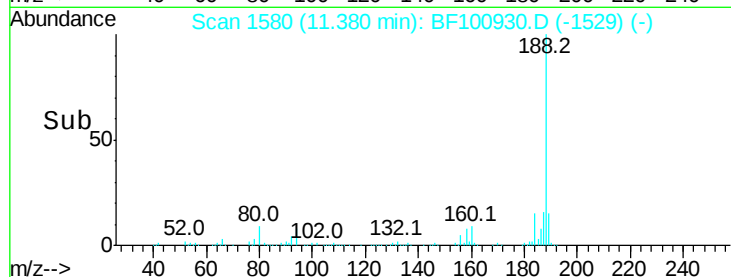
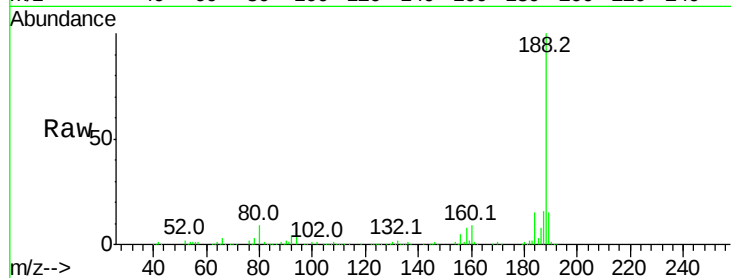
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Instrument :
BNA_F
ClientSampleId :
KUSER-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
188	100	210963		
94	7.8		8.5	12.7#
80	8.6		9.2	13.8#

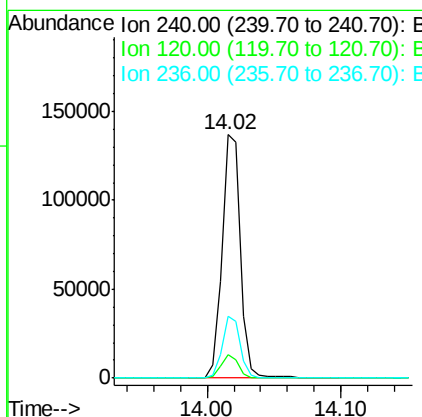
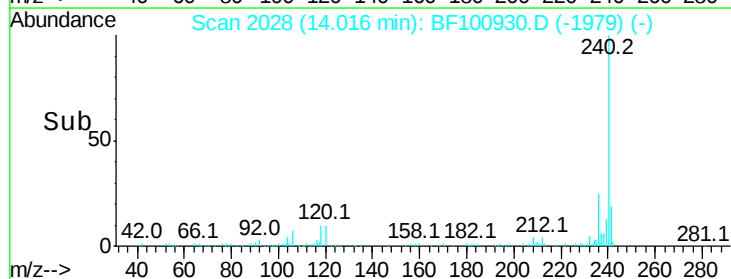
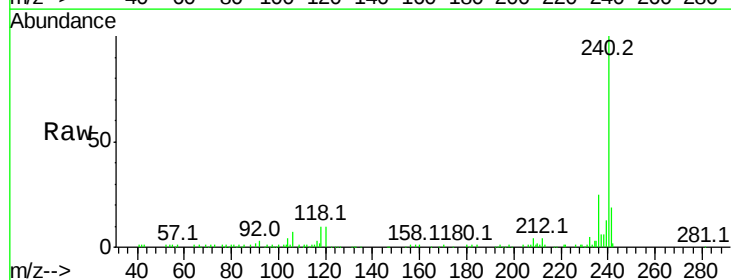
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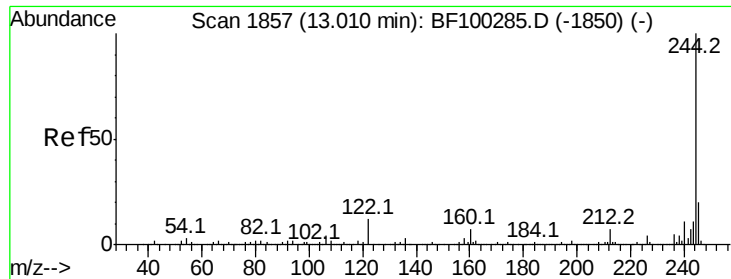
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF100930.D
Acq: 28 Nov 2017 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	133531		
120	9.5		9.5	14.3
236	25.4		20.7	31.1





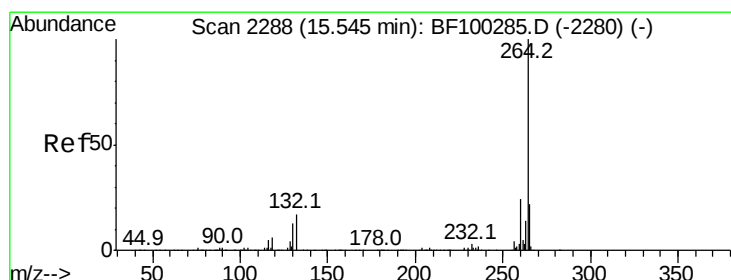
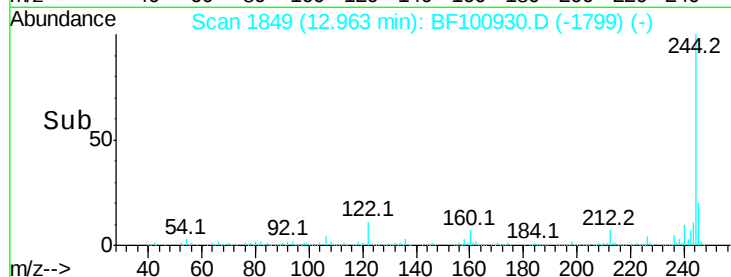
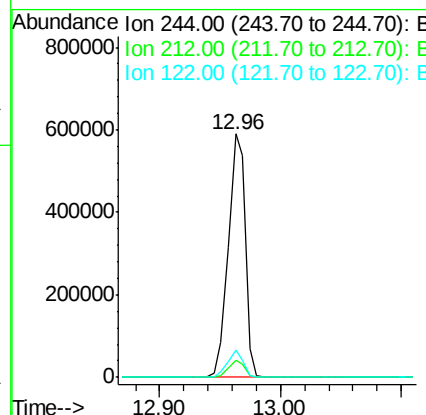
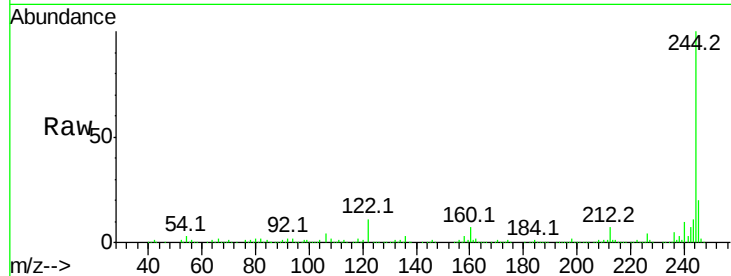
#78
 Terphenyl-d14
 Concen: 98.662 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Instrument :
 BNA_F
 ClientSampleId :
 KUSER-CONCRETE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.2	11.0	16.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF100930.D
 Acq: 28 Nov 2017 13:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.0	17.5	26.3

