

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098964.D
 Acq On : 30 Sep 2017 15:55
 Operator : SJ/JU
 Sample : I5487-10 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-D

Manual Integrations
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Quant Time: Oct 01 00:35:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	138051	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	569057	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	237848	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	346017	20.00	ng	0.00
75) Chrysene-d12	14.07	240	229935	20.00	ng	-0.01
86) Perylene-d12	15.57	264	245940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	205583	23.71	ng	-0.02
7) Phenol-d6	6.53	99	245691	22.97	ng	-0.02
23) Nitrobenzene-d5	7.47	82	146615	16.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	36680	18.85	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	287009	20.14	ng	-0.01
78) Terphenyl-d14	13.02	244	164145	16.23	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.66	163	37498	2.089	ng	98
77) Pyrene	12.88	202	39808	2.270	ng	99

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

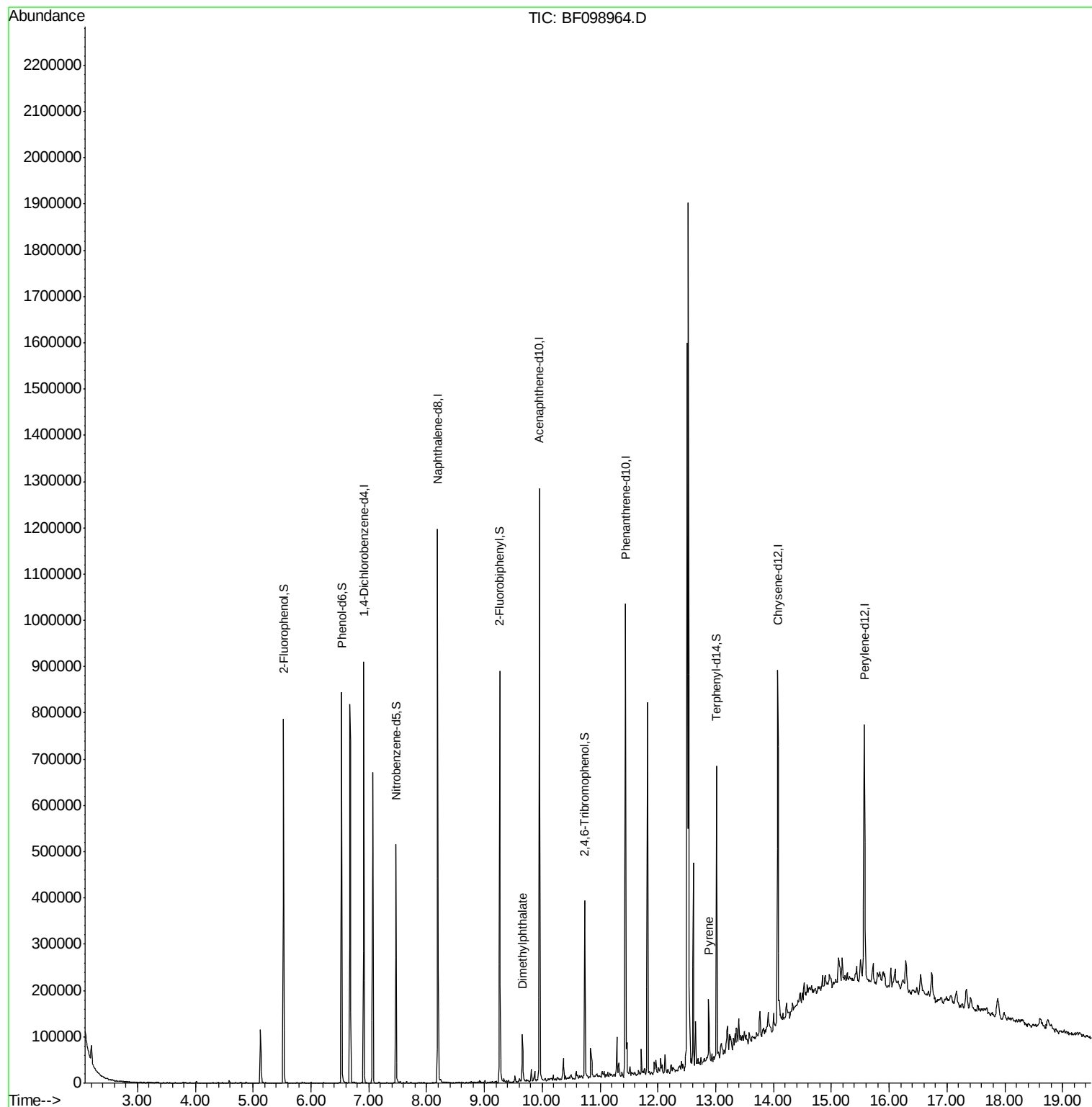
Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
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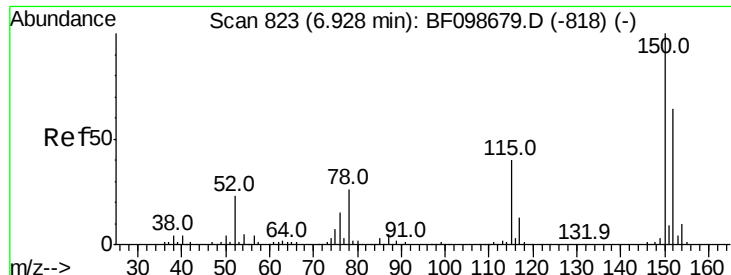
Instrument :
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#1

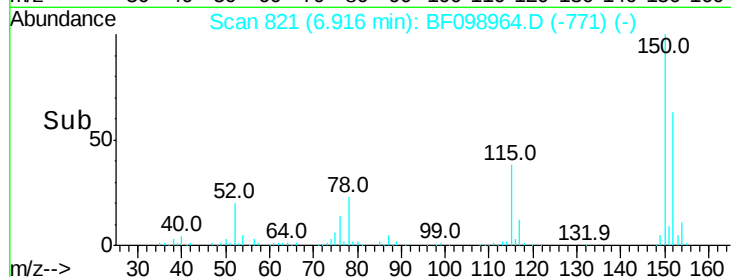
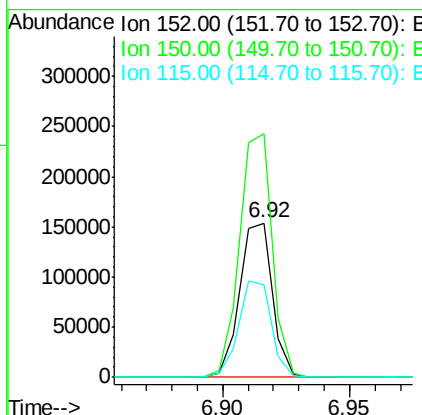
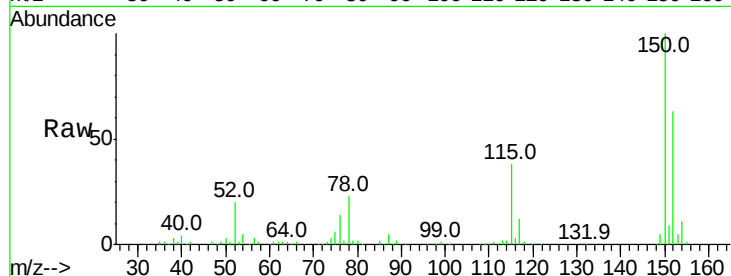
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098964.D
Acq: 30 Sep 2017 15:55

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	60.0	50.1	75.1

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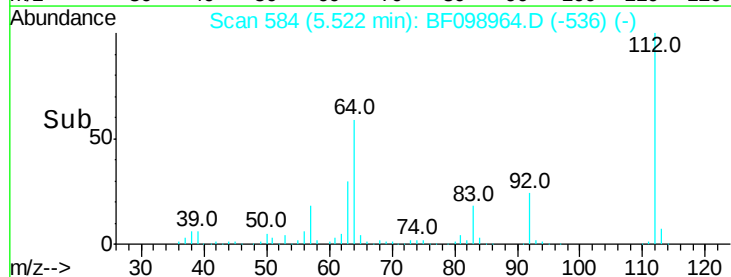
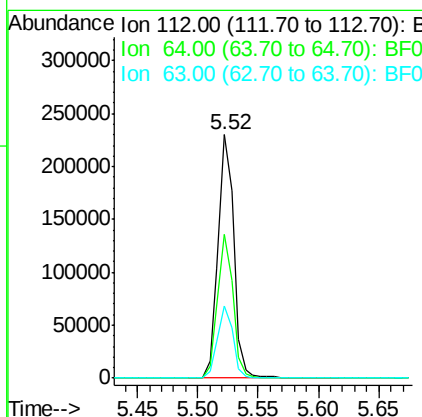
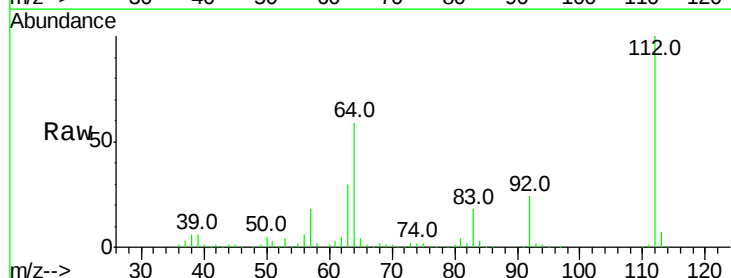
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#5

2-Fluorophenol
Concen: 23.706 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF098964.D
Acq: 30 Sep 2017 15:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	29.6	23.7	35.5





#7

Phenol-d6

Concen: 22.966 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098964.D

Acq: 30 Sep 2017 15:55

Instrument :

BNA_F

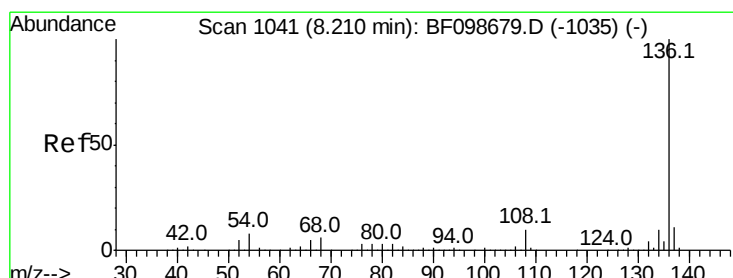
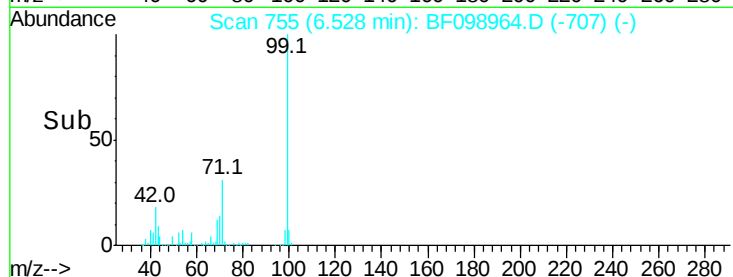
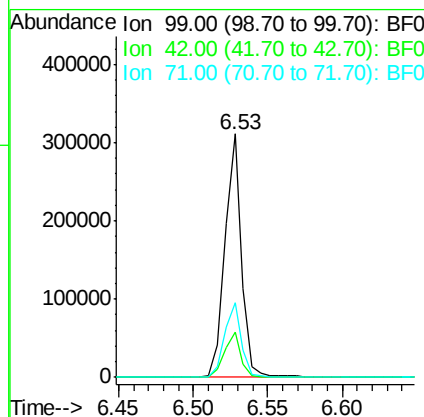
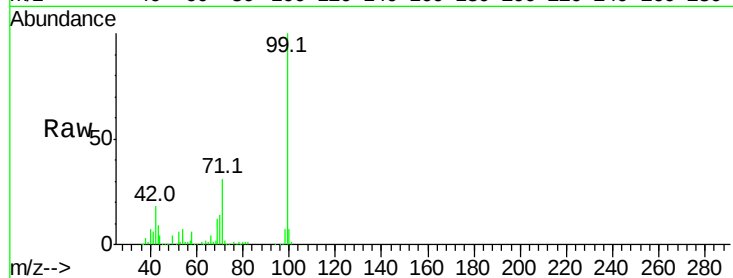
ClientSampleId :

CL-02-092717-D

Tot Ion:	99	Resp:	245691
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.5	21.7
71	30.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

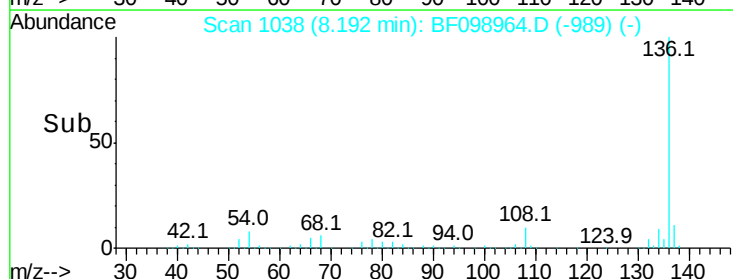
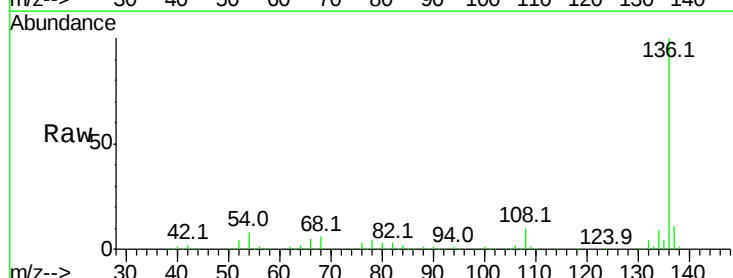
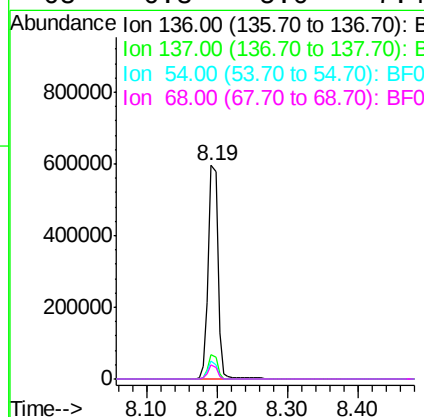
RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098964.D

Acq: 30 Sep 2017 15:55

Tgt Ion:	136	Resp:	569057
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.9	13.3
54	8.4	6.6	9.8
68	6.3	5.0	7.4





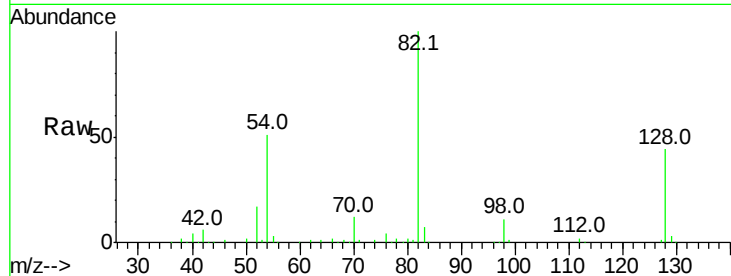
#23
Nitrobenzene-d5
Concen: 16.523 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098964.D
Acq: 30 Sep 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

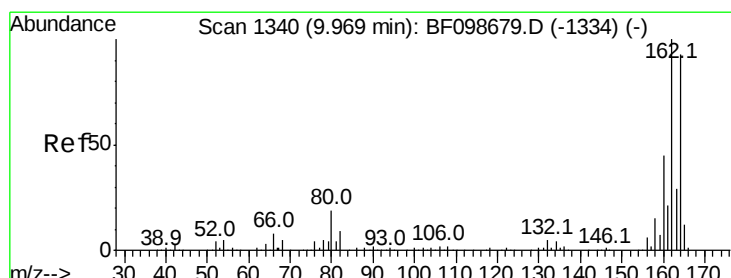
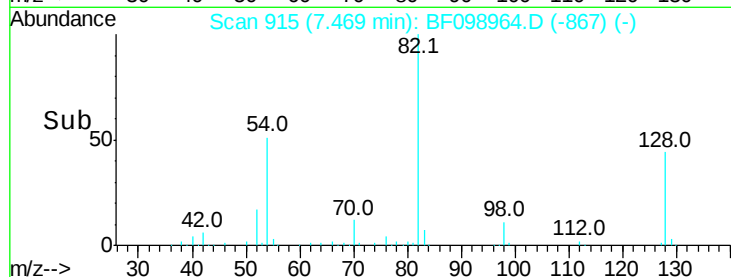
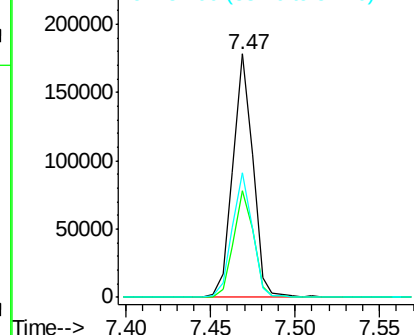
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.0	36.1	54.1	
54	50.9	41.4	62.2	

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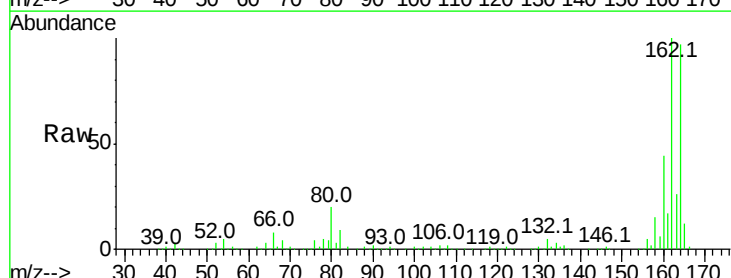


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

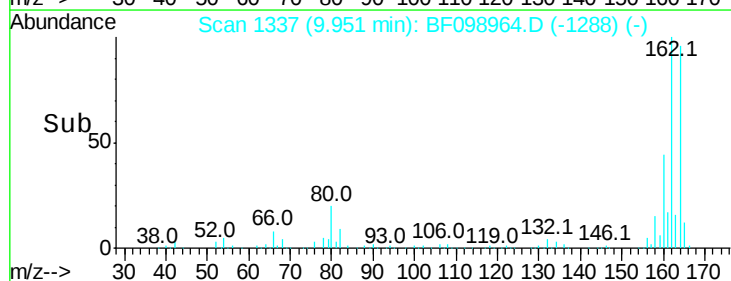
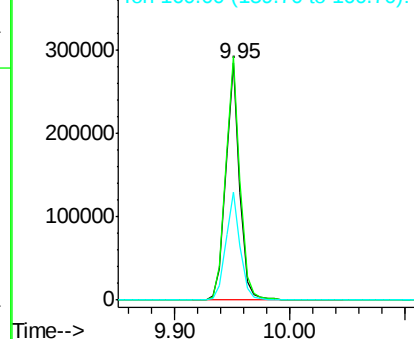


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098964.D
Acq: 30 Sep 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	86.1	129.1	
160	45.7	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





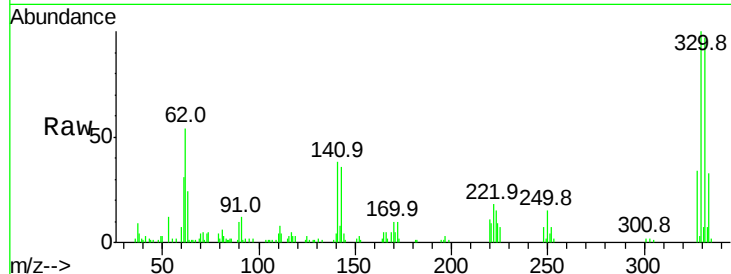
#41
 2,4,6-Tribromophenol
 Concen: 18.847 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098964.D
 Acq: 30 Sep 2017 15:55

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-092717-D

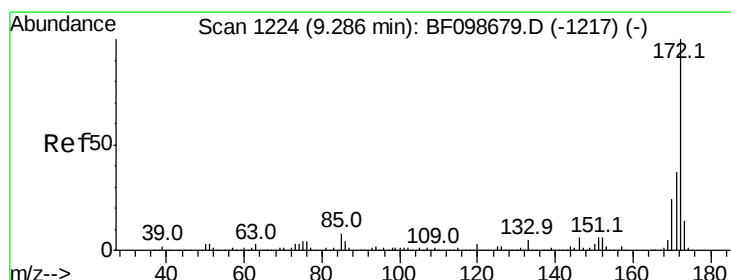
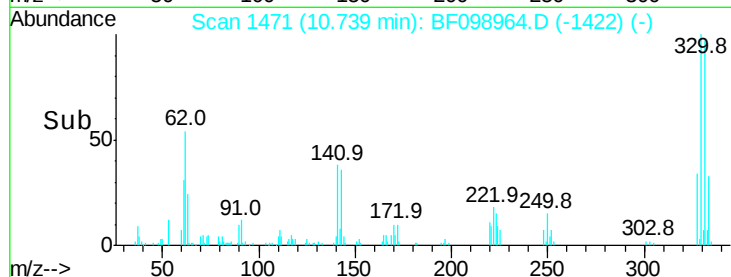
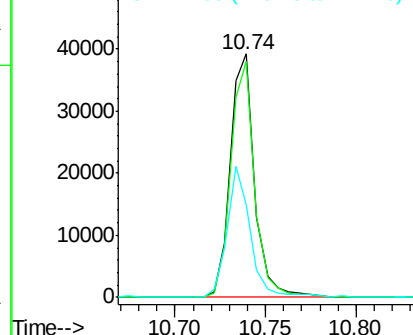
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.1	77.0	115.6	
141	51.4	29.9	44.9	

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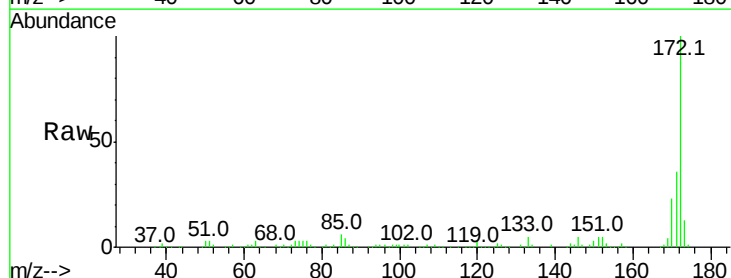


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

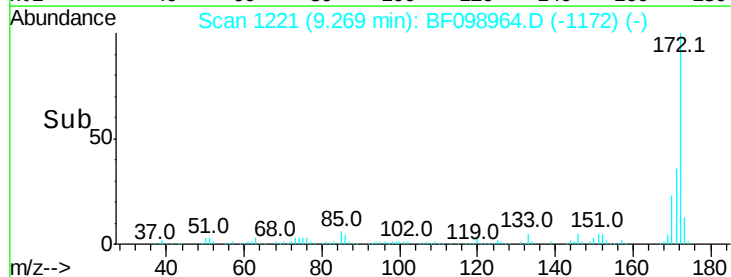
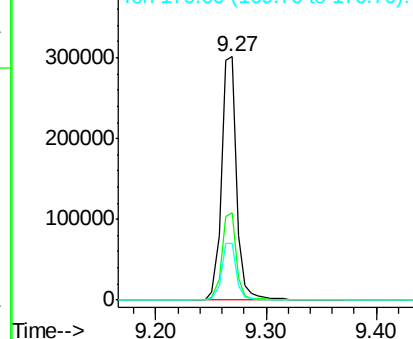


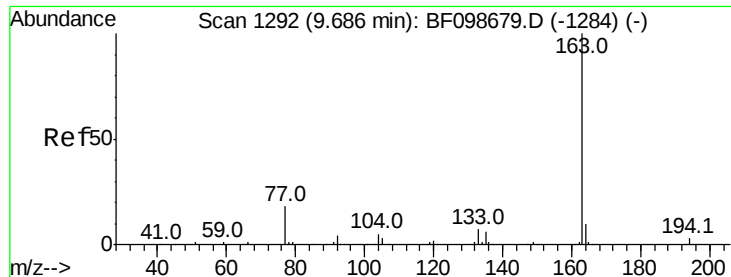
#44
 2-Fluorobiphenyl
 Concen: 20.145 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098964.D
 Acq: 30 Sep 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.2	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





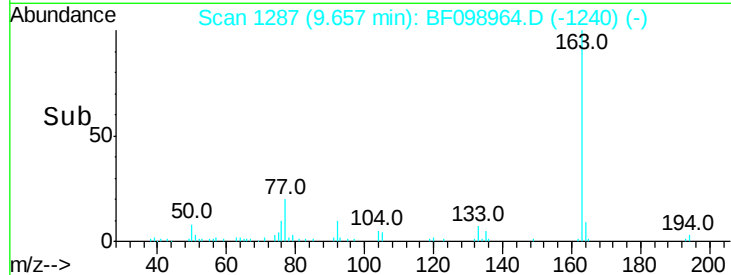
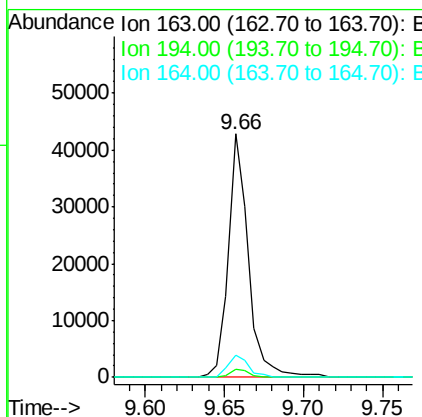
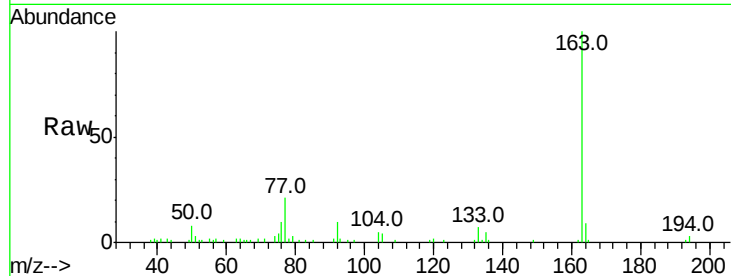
#49
Dimethylphthalate
Concen: 2.089 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098964.D
Acq: 30 Sep 2017 15:55

Instrument :
BNA_F
ClientSampleId :
CL-02-092717-D

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	9.1	8.2	12.2	

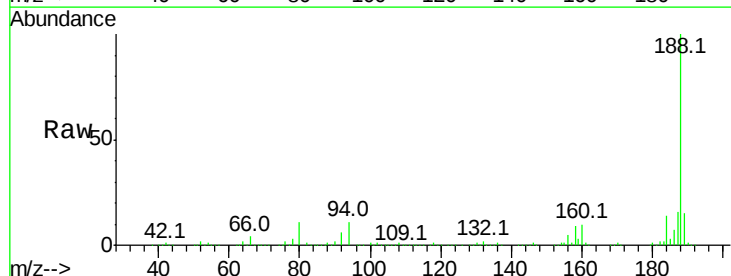
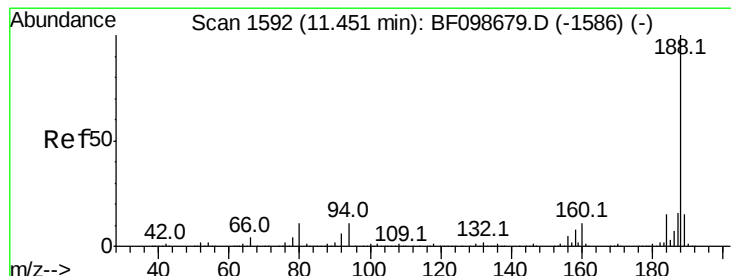
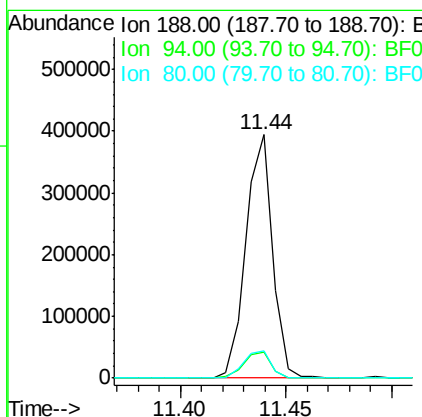
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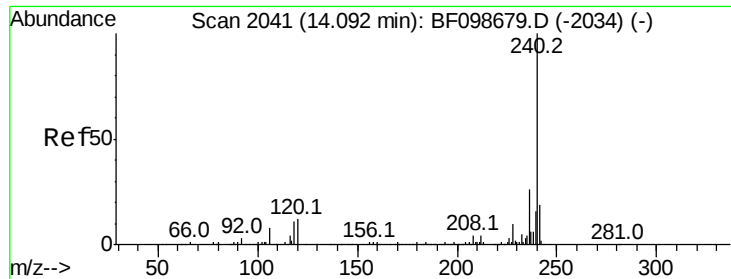
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098964.D
Acq: 30 Sep 2017 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	8.5	12.7	
80	11.0	9.2	13.8	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098964.D

Acq: 30 Sep 2017 15:55

Instrument :

BNA_F

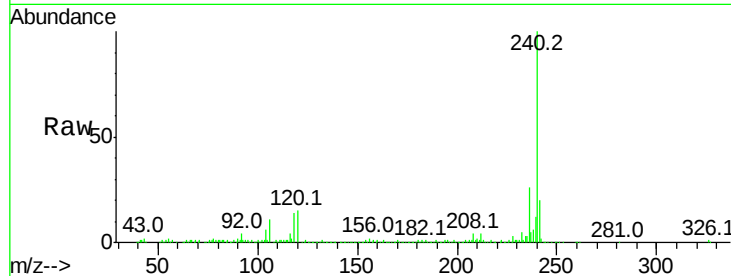
ClientSampleId :

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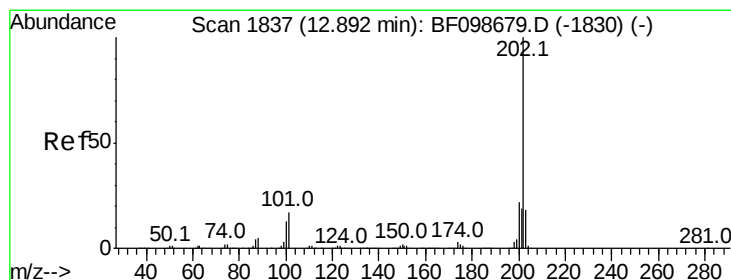
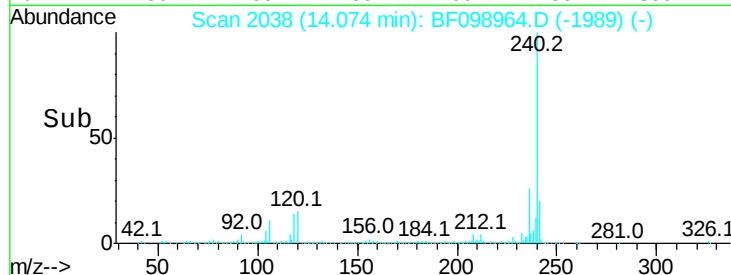
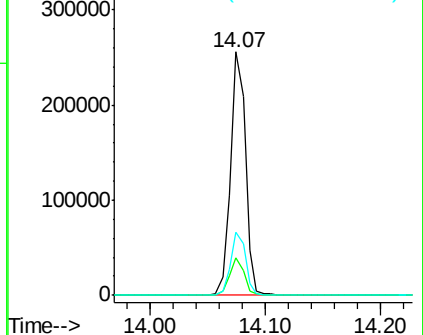
Tot Ion:	240	Resp:	229935
Ion Ratio	Lower	Upper	
240	100		
120	15.3	9.5	14.3#
236	26.2	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.270 ng

RT: 12.88 min Scan# 1835

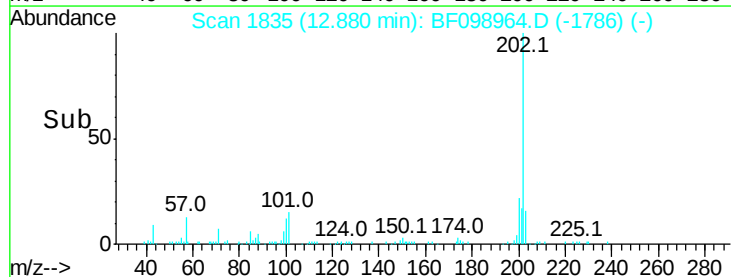
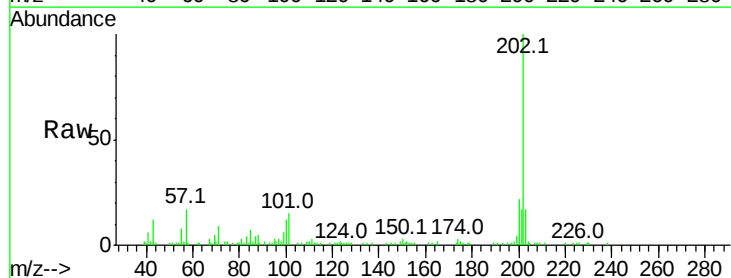
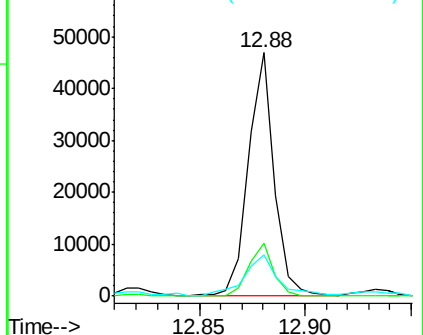
Delta R.T. -0.01 min

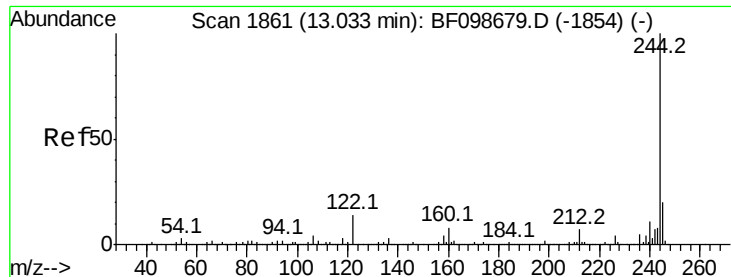
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Tgt Ion:	202	Resp:	39808
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	16.8	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 16.235 ng

RT: 13.02 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BF098964.D

Acq: 30 Sep 2017 15:55

Instrument :

BNA_F

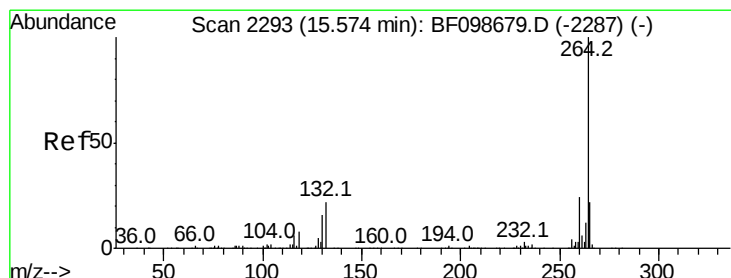
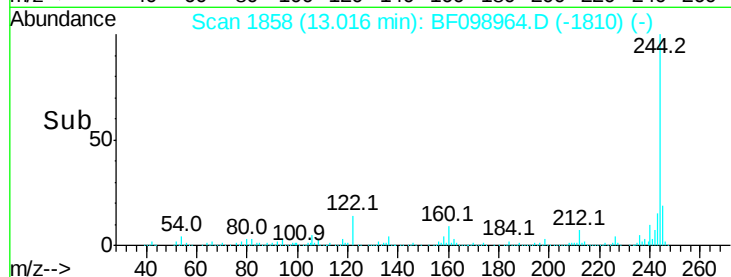
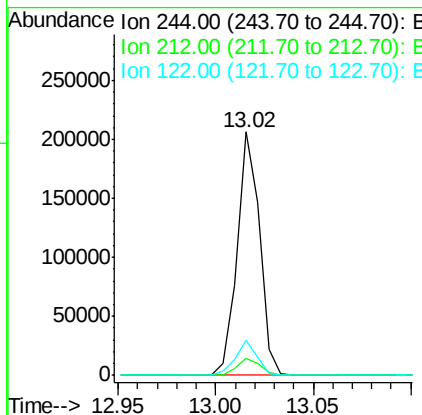
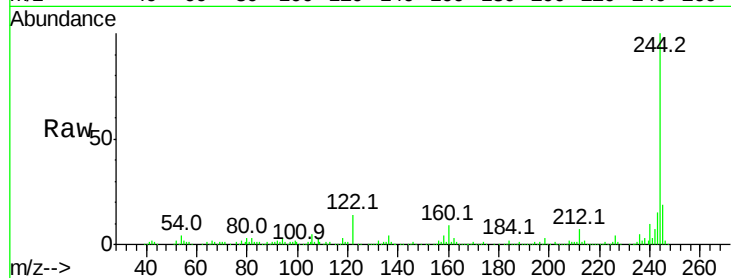
ClientSampleId :

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Tot Ion:	244	Resp:	164145
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	14.5	11.0	16.4

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098964.D

Acq: 30 Sep 2017 15:55

Tgt Ion:	264	Resp:	245940
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.2	28.8
265	22.0	17.5	26.3

