

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103590.D
 Acq On : 12 Mar 2018 19:02
 Operator : SJ/JU
 Sample : J1867-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS133071

Manual Integrations
 APPROVED

Sohil
 3/13/2018 4:15:52 PM

Quant Time: Mar 13 09:15:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 11:47:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138096	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	595768	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	247876	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	447131	20.00	ng	0.00
75) Chrysene-d12	14.06	240	375914	20.00	ng	0.00
86) Perylene-d12	15.56	264	352077	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	578134m	63.32	ng	0.00
7) Phenol-d6	6.51	99	405480	36.29	ng	0.00
23) Nitrobenzene-d5	7.43	82	1073909	102.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	282041	134.42	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1417152	103.74	ng	0.00
78) Terphenyl-d14	12.99	244	1274543	81.50	ng	0.00
Target Compounds						
35) Caprolactam	8.59	113	12439	4.47	ng	Qvalue 88

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

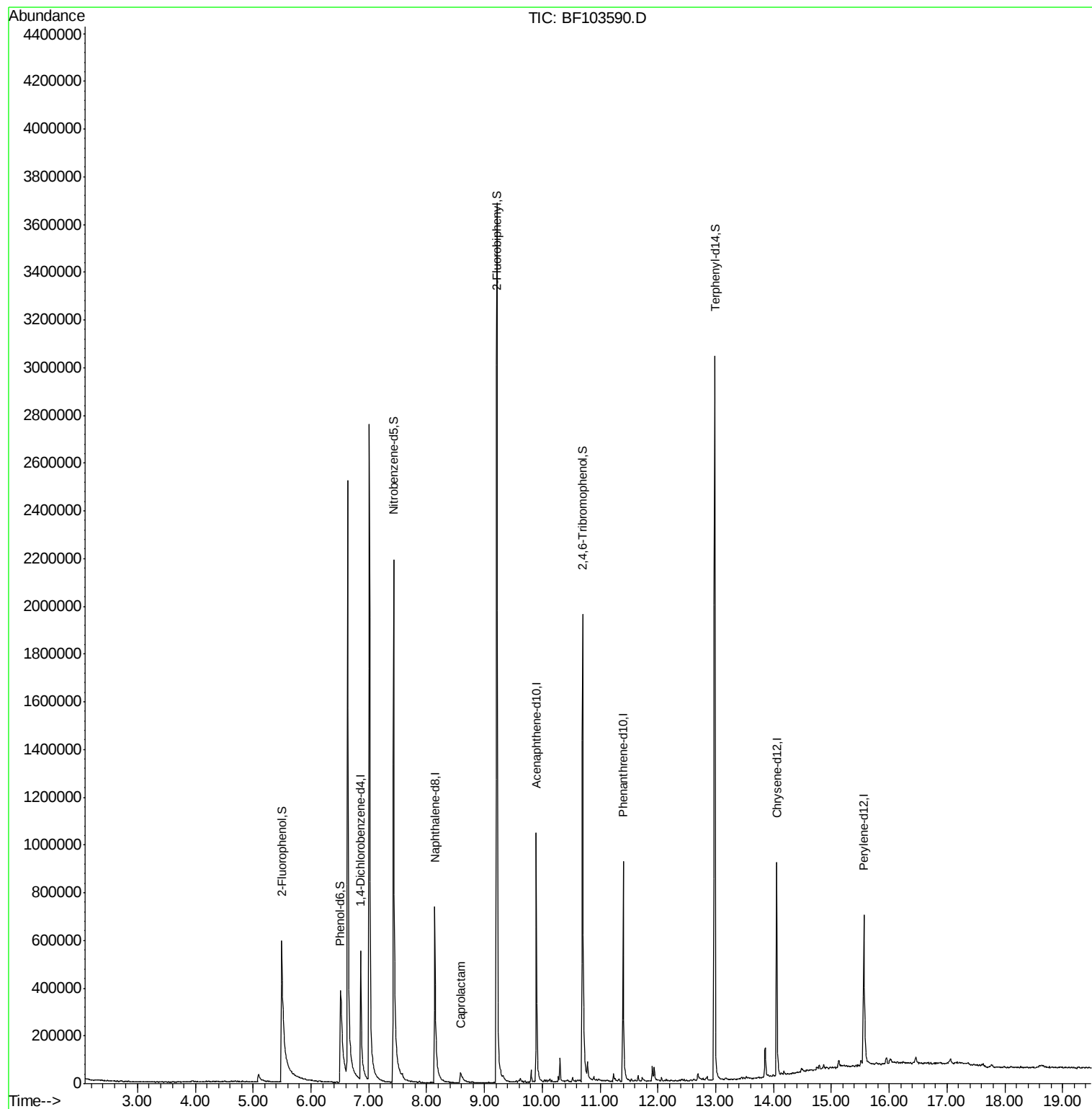
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103590.D
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#1

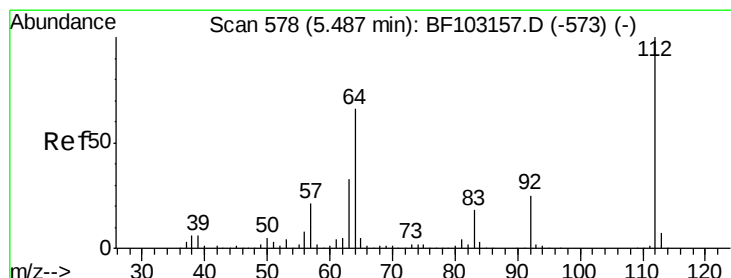
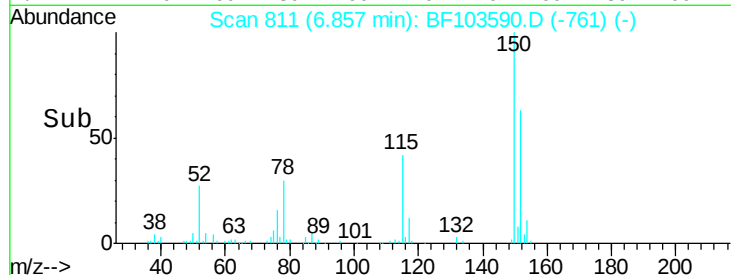
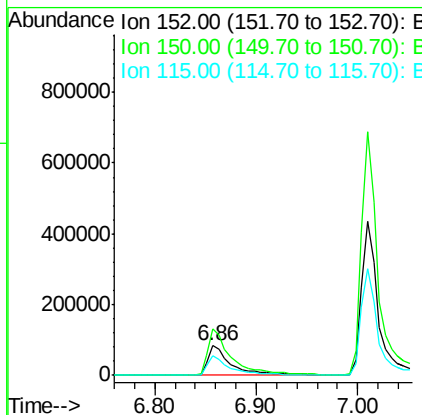
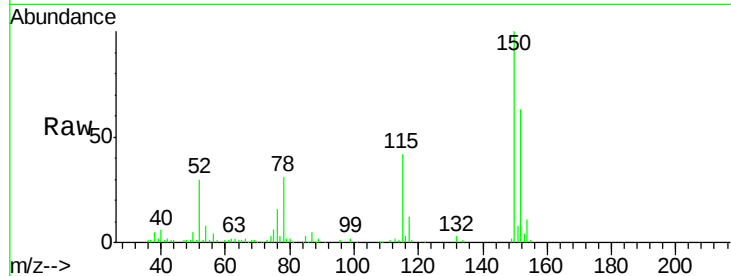
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103590.D
Acq: 12 Mar 2018 19:02

Instrument :
BNA_F
ClientSampled :
CPS133071

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	66.3	50.1	75.1

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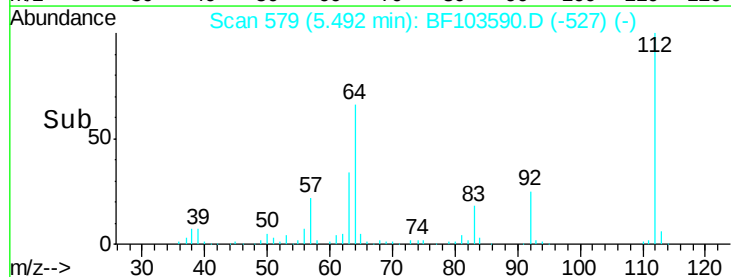
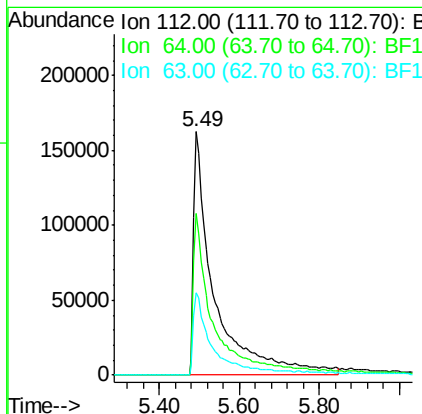
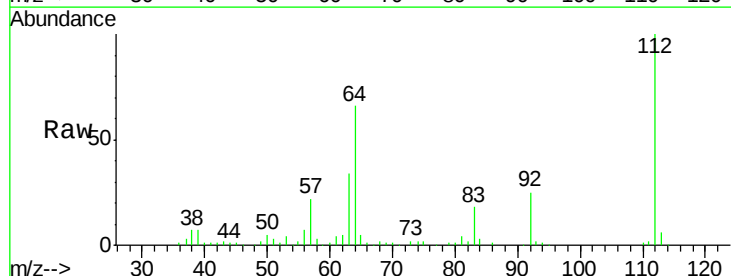
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#5

2-Fluorophenol
Concen: 63.32 ng m
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103590.D
Acq: 12 Mar 2018 19:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	33.8	23.7	35.5





#7

Phenol-d6

Concen: 36.29 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF103590.D

Acq: 12 Mar 2018 19:02

Instrument :

BNA_F

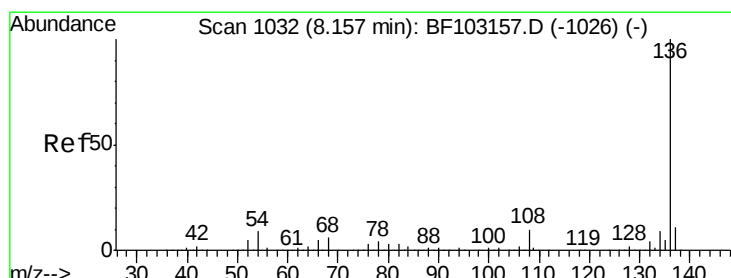
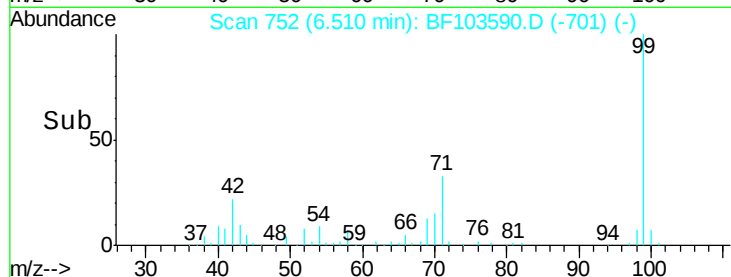
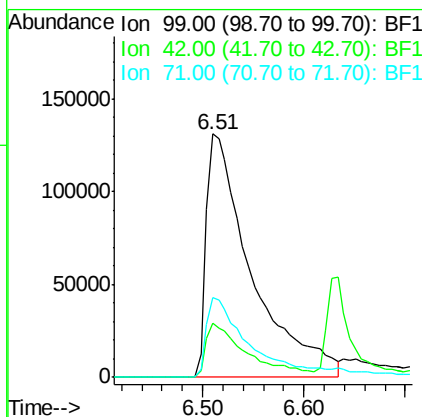
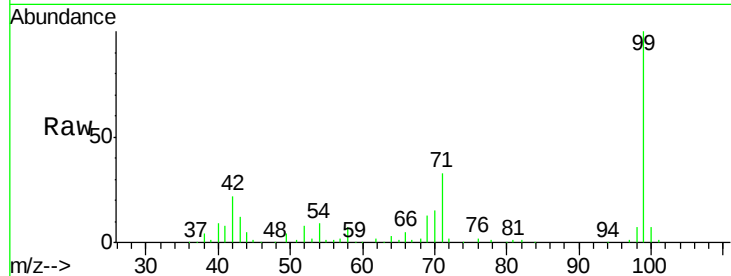
ClientSampleId :

CPS133071

Tot Ion:	99	Resp:	405480
Ion Ratio	Lower	Upper	
99	100		
42	22.4	14.5	21.7#
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.00 ng

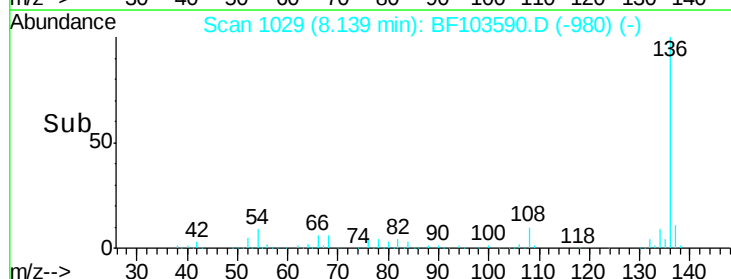
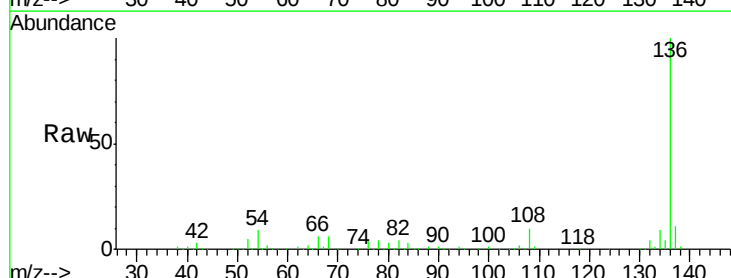
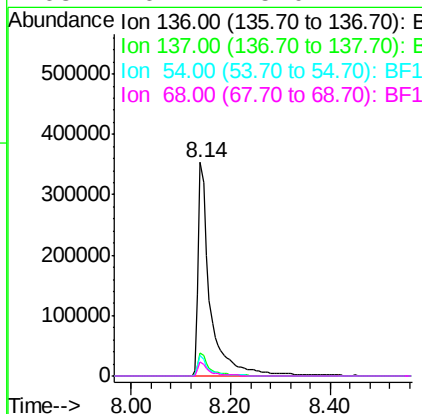
RT: 8.14 min Scan# 1029

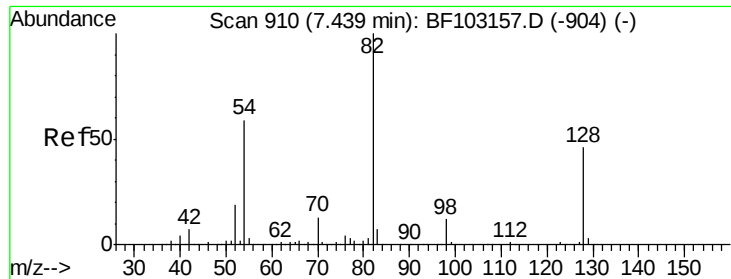
Delta R.T. -0.01 min

Lab File: BF103590.D

Acq: 12 Mar 2018 19:02

Tgt Ion:	136	Resp:	595768
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.4	5.0	7.4





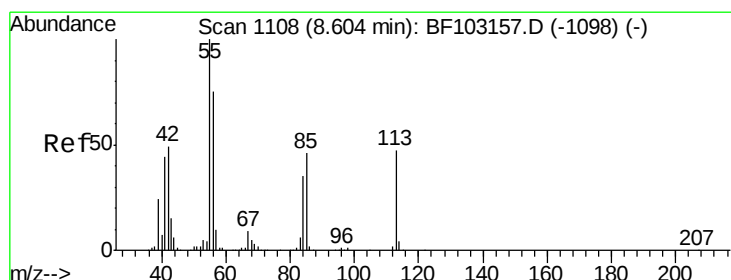
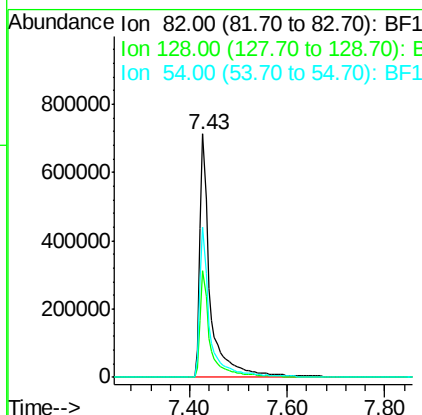
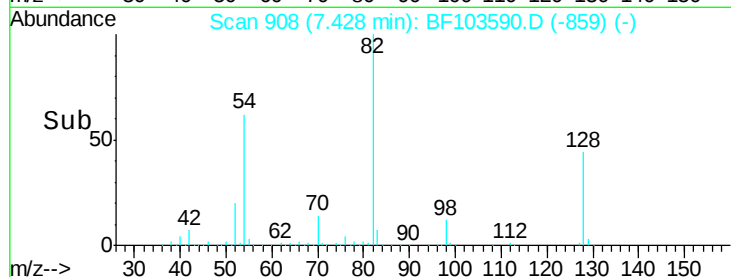
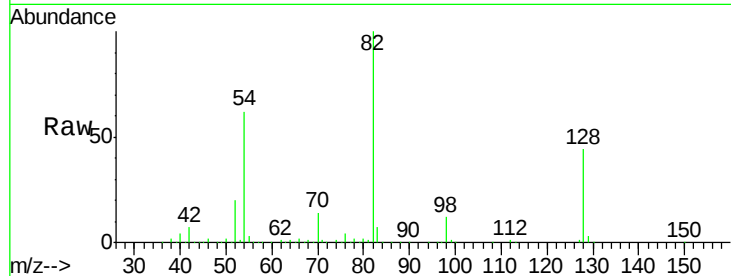
#23
Nitrobenzene-d5
Concen: 102.94 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103590.D
Acq: 12 Mar 2018 19:02

Instrument :
BNA_F
ClientSampleId :
CPS133071

Tot Ion	82	Resp	1073909
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	61.9	41.4	62.2

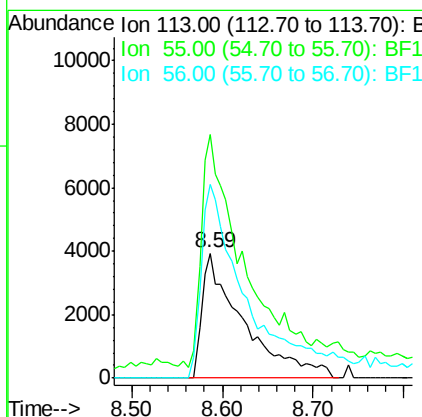
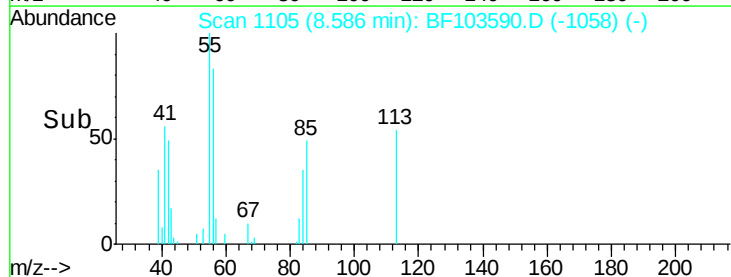
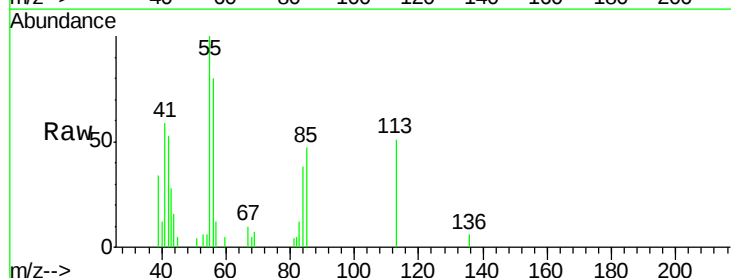
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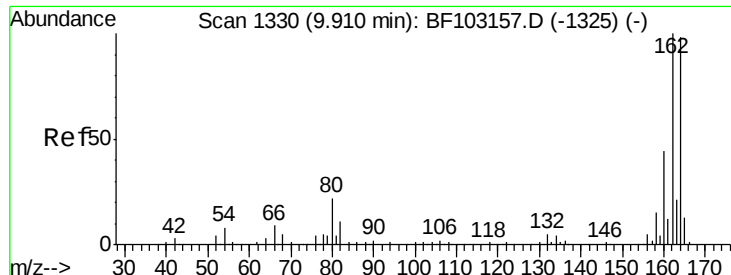
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#35
Caprolactam
Concen: 4.47 ng
RT: 8.59 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BF103590.D
Acq: 12 Mar 2018 19:02

Tgt Ion	113	Resp	12439
Ion	Ratio	Lower	Upper
113	100		
55	195.0	163.3	203.3
56	155.4	115.7	155.7





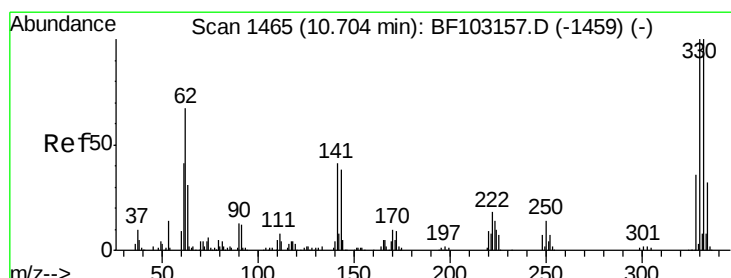
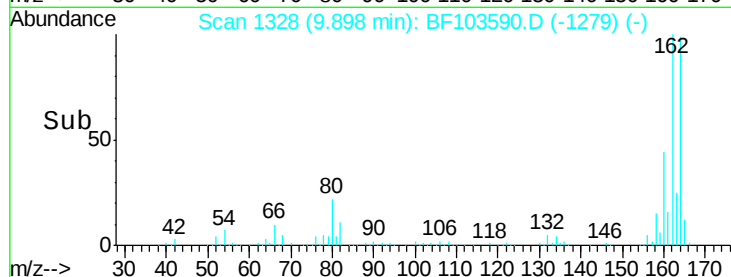
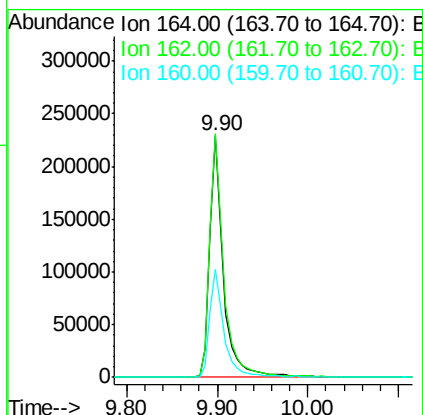
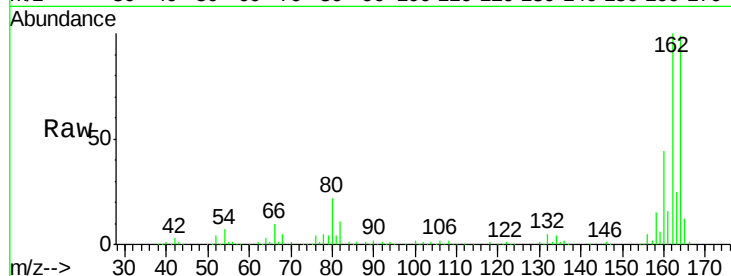
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103590.D
Acq: 12 Mar 2018 19:02

Instrument :
BNA_F
ClientSampleId :
CPS133071

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	44.5	38.3	57.5

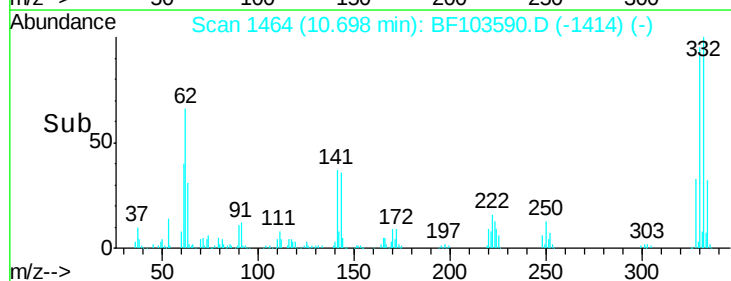
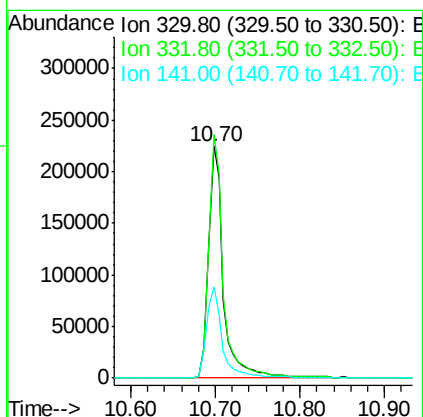
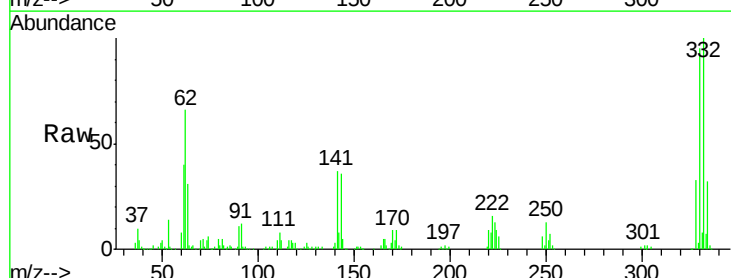
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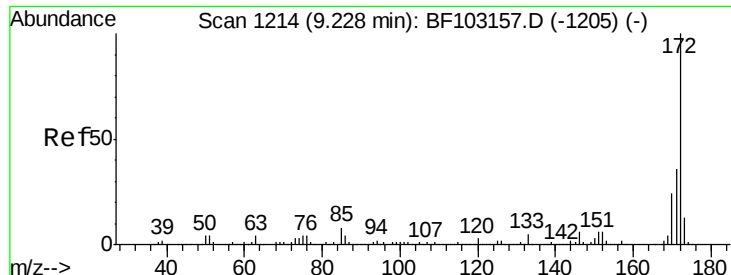
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#41
2,4,6-Tribromophenol
Concen: 134.42 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103590.D
Acq: 12 Mar 2018 19:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	41.5	29.9	44.9





#44
 2-Fluorobiphenyl
 Concen: 103.74 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF103590.D
 Acq: 12 Mar 2018 19:02

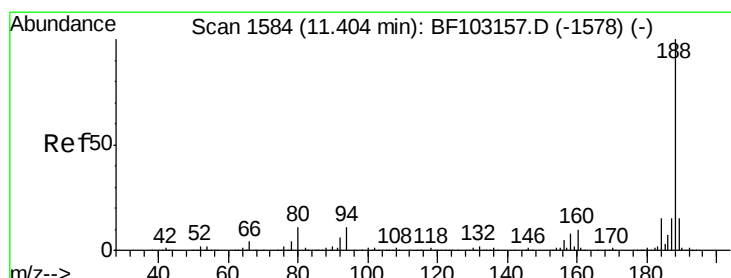
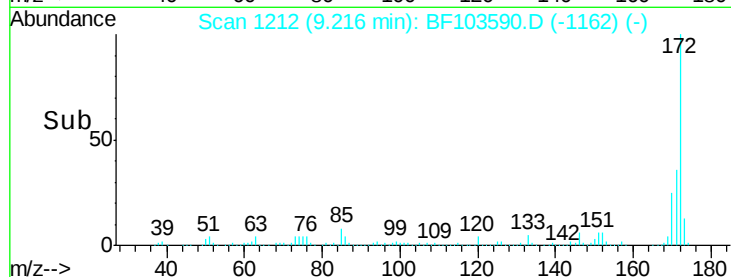
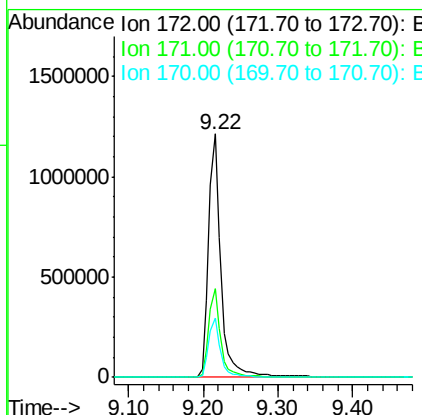
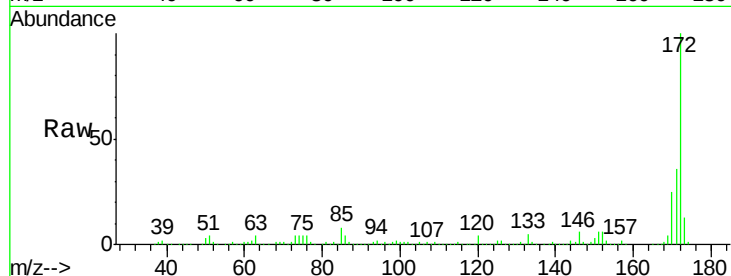
Instrument :
 BNA_F
 ClientSampleId :
 CPS133071

Tot Ion:172 Resp: 1417152

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4

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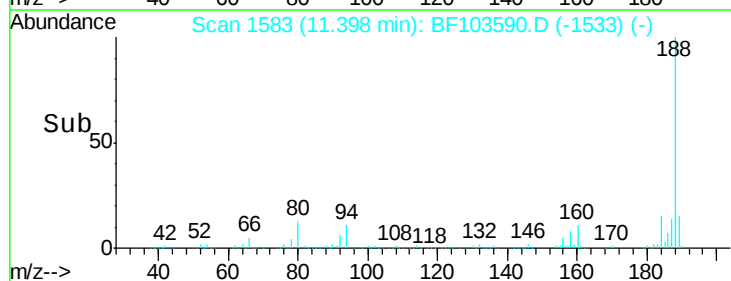
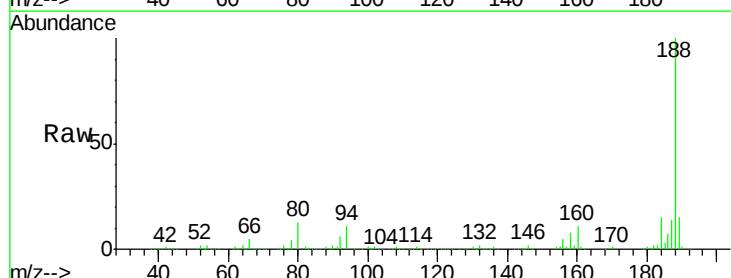
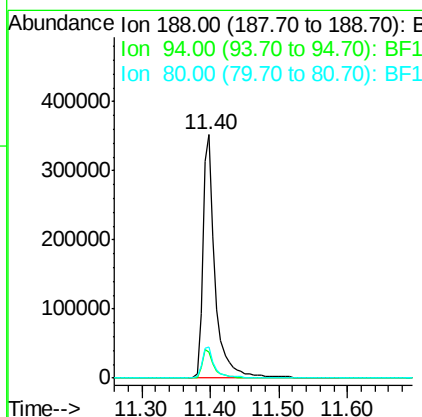
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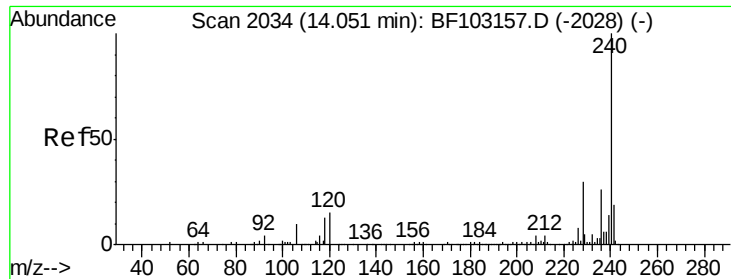


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103590.D
 Acq: 12 Mar 2018 19:02

Tgt Ion:188 Resp: 447131

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.9	9.2	13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103590.D

Acq: 12 Mar 2018 19:02

Instrument :

BNA_F

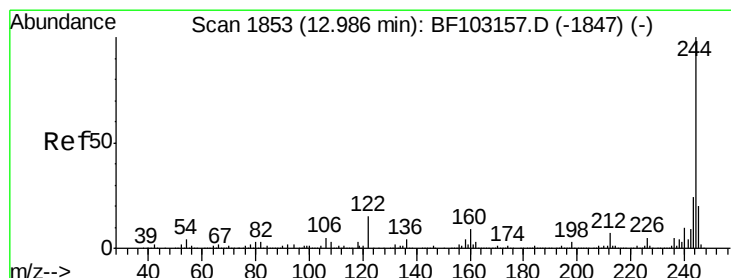
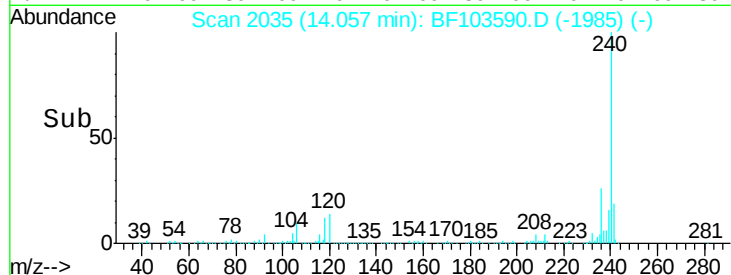
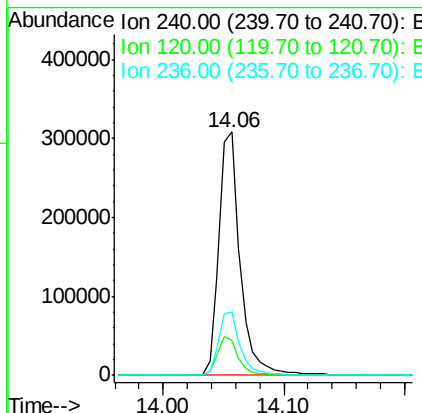
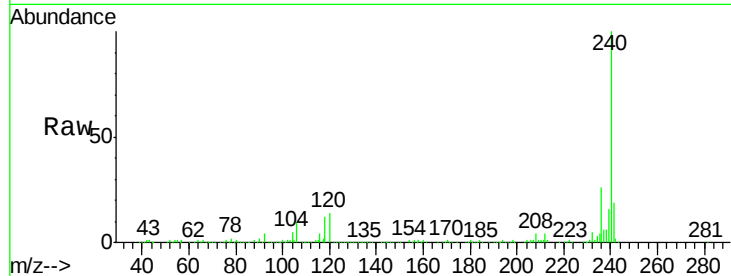
ClientSampleId :

CPS133071

Tot Ion:	240	Resp:	375914
Ion Ratio	Lower	Upper	
240	100		
120	14.2	9.5	14.3
236	25.9	20.7	31.1

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#78

Terphenyl-d14

Concen: 81.50 ng

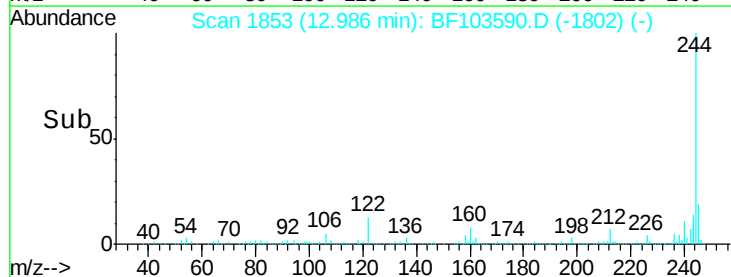
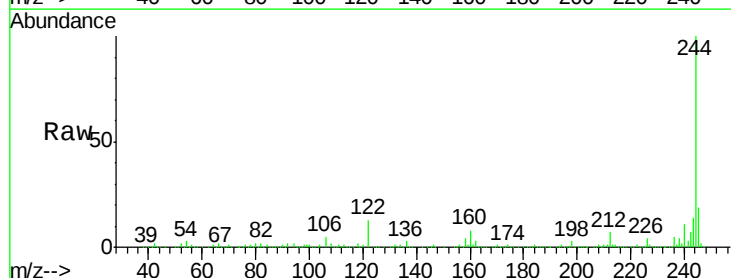
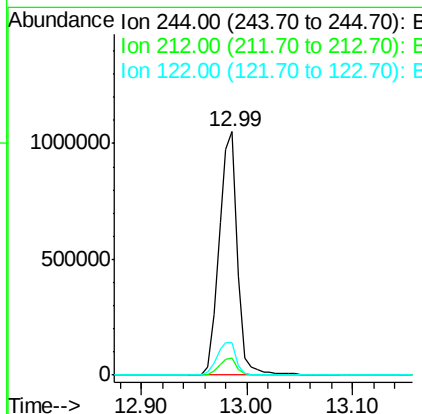
RT: 12.99 min Scan# 1853

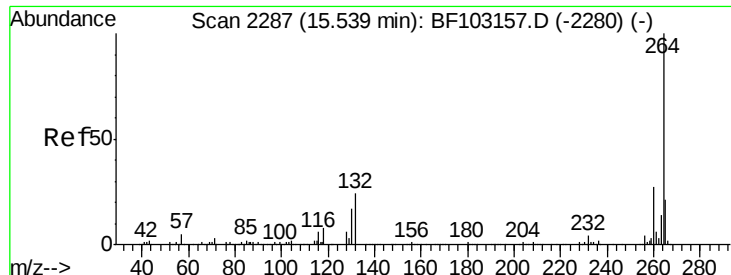
Delta R.T. -0.00 min

Lab File: BF103590.D

Acq: 12 Mar 2018 19:02

Tgt Ion:	244	Resp:	1274543
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	13.4	11.0	16.4





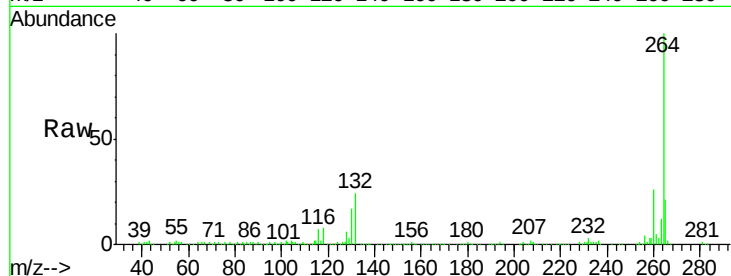
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF103590.D
 Acq: 12 Mar 2018 19:02

Instrument :
 BNA_F
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 CPS133071

Tot Ion	Ratio	Resp	Lower	Upper
264	100	352077		
260	26.1		19.2	28.8
265	21.5		17.5	26.3

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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

