

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
 Data File : BF103589.D
 Acq On : 12 Mar 2018 18:35
 Operator : SJ/JU
 Sample : J1867-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS113071

Manual Integrations
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Sohil
 3/13/2018 4:15:49 PM

Quant Time: Mar 13 09:13:05 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	128564	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	560096	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	229478	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	415557	20.00	ng	0.00
75) Chrysene-d12	14.06	240	355692	20.00	ng	0.00
86) Perylene-d12	15.56	264	317424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	409280m	48.15	ng	0.01
7) Phenol-d6	6.52	99	318761	30.65	ng	0.00
23) Nitrobenzene-d5	7.43	82	908220	92.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	237251	122.14	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1244944	96.47	ng	0.00
78) Terphenyl-d14	12.98	244	1041619	70.40	ng	0.00
Target Compounds						
35) Caprolactam	8.57	113	14779	5.65	ng	Qvalue 95

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

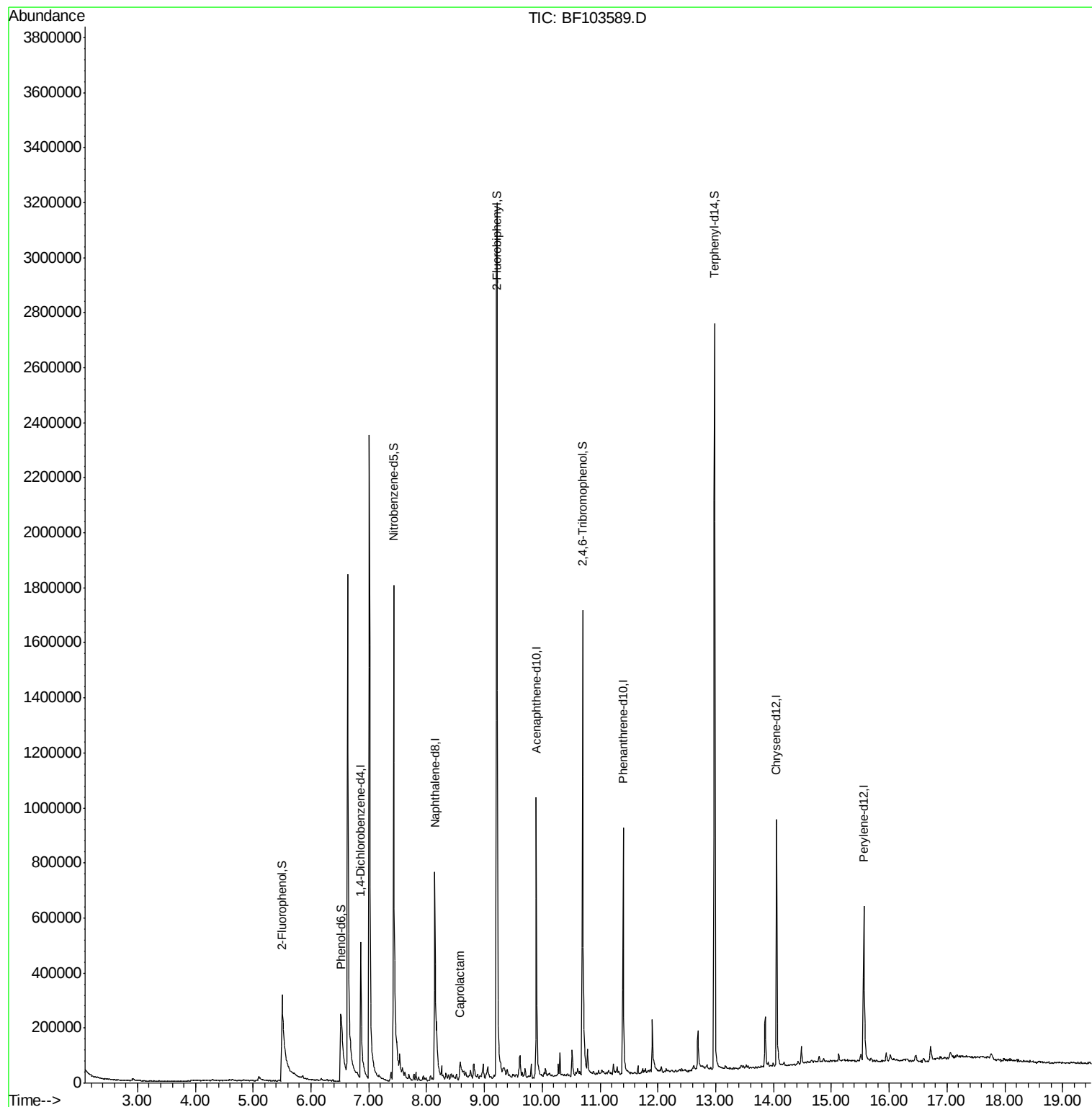
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031218\
Data File : BF103589.D
Acq On : 12 Mar 2018 18:35
Operator : SJ/JU
Sample : J1867-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

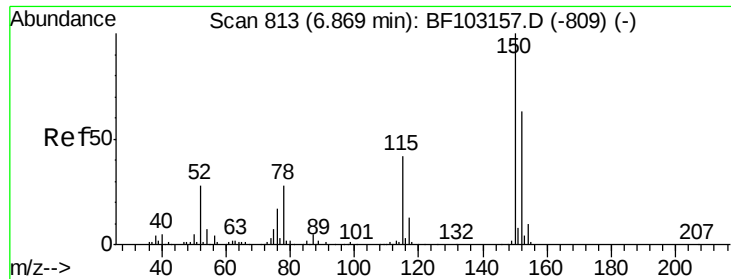
Instrument :
BNA_F
ClientSampleId :
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Response via : Initial Calibration





#1

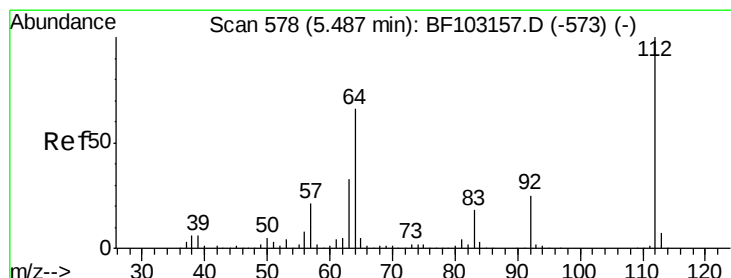
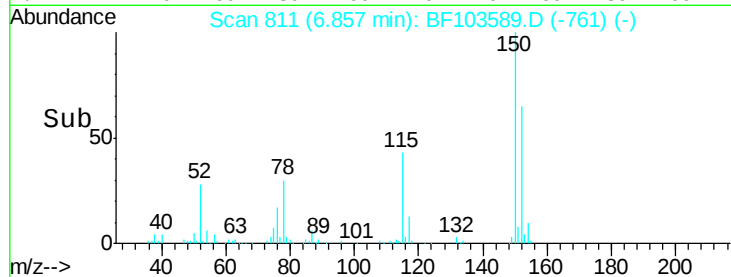
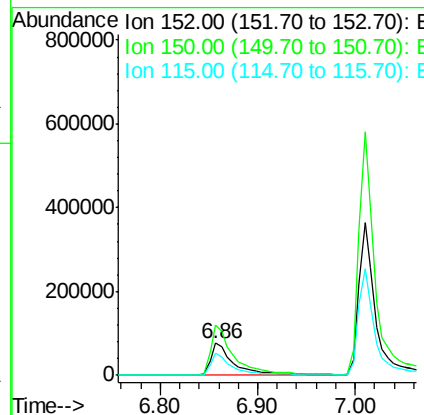
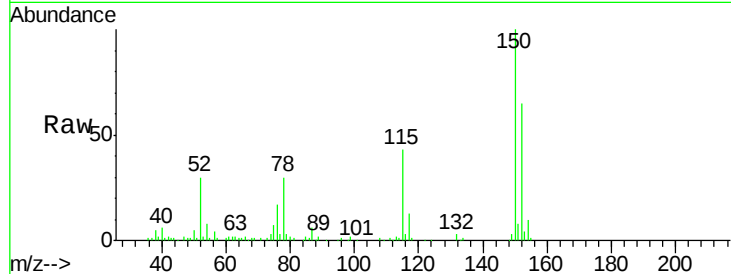
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Instrument :
BNA_F
ClientSampleId :
CPS113071

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	66.8	50.1	75.1

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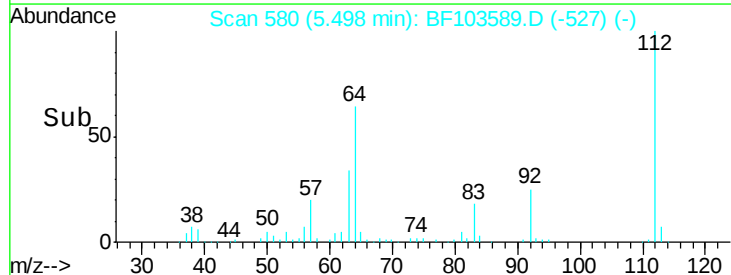
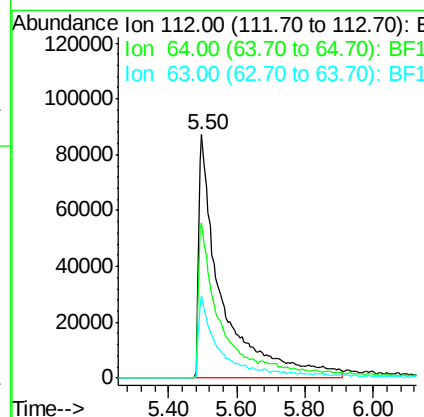
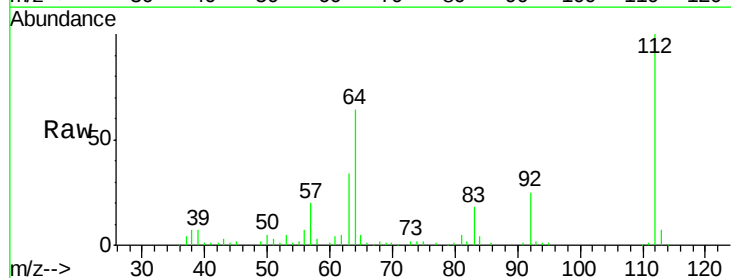
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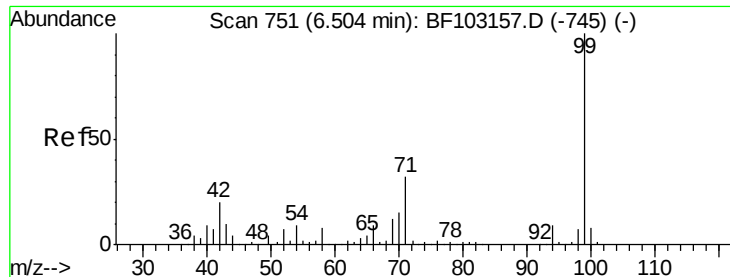


#5

2-Fluorophenol
Concen: 48.15 ng m
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.9	71.9
63	33.6	23.7	35.5





#7

Phenol-d6

Concen: 30.65 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Instrument :

BNA_F

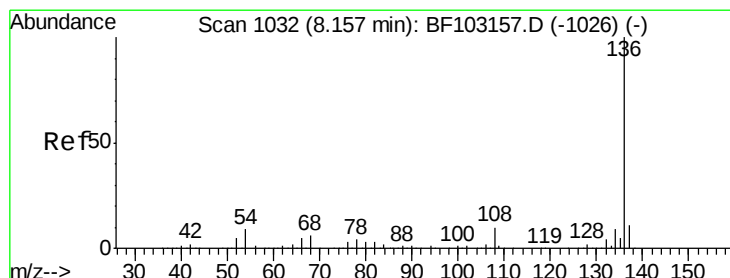
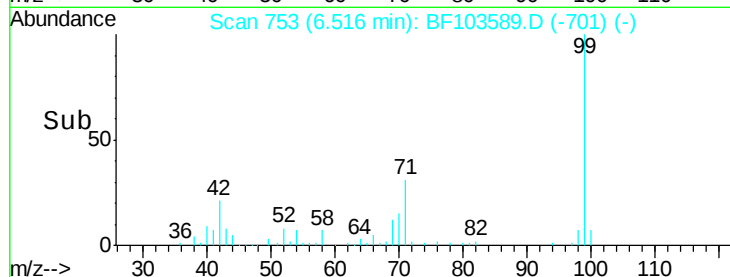
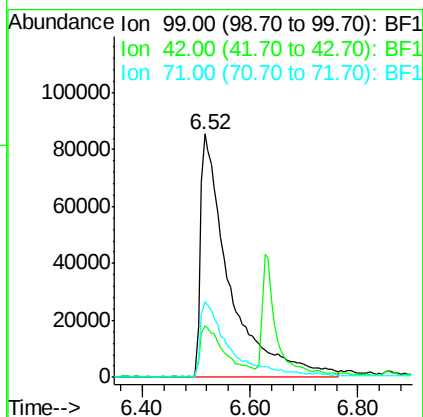
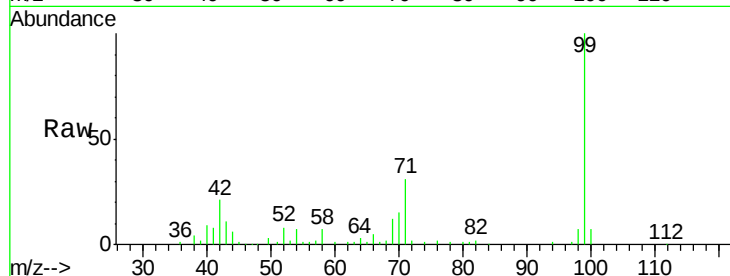
ClientSampled :

CPS113071

Tot Ion:	99	Resp:	318761
Ion Ratio	Lower	Upper	
99	100		
42	21.2	14.5	21.7
71	31.2	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.00 ng

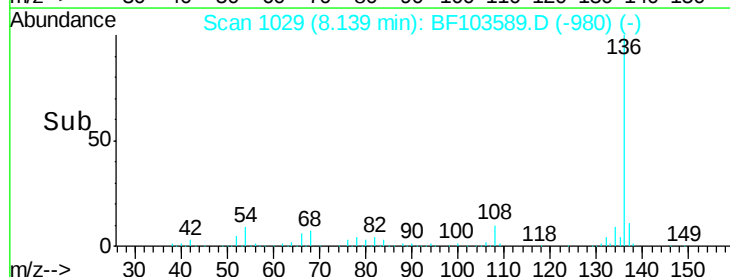
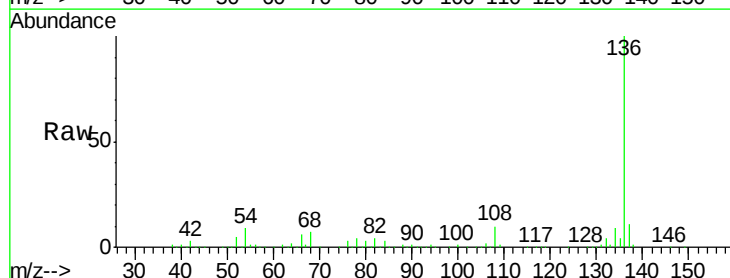
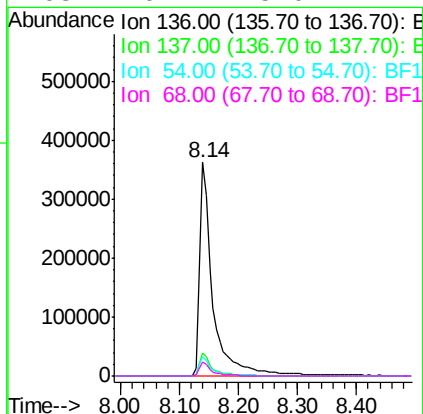
RT: 8.14 min Scan# 1029

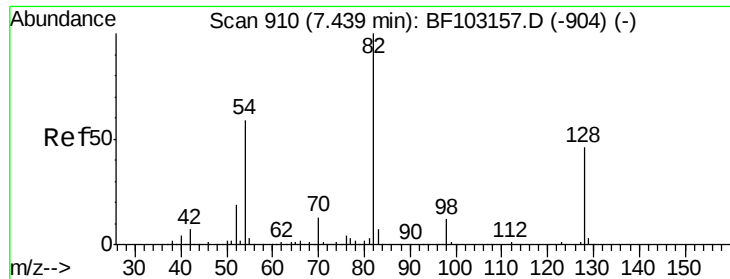
Delta R.T. -0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Tgt Ion:	136	Resp:	560096
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	9.1	6.6	9.8
68	6.7	5.0	7.4





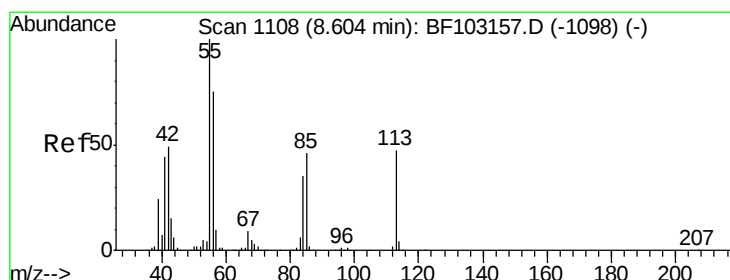
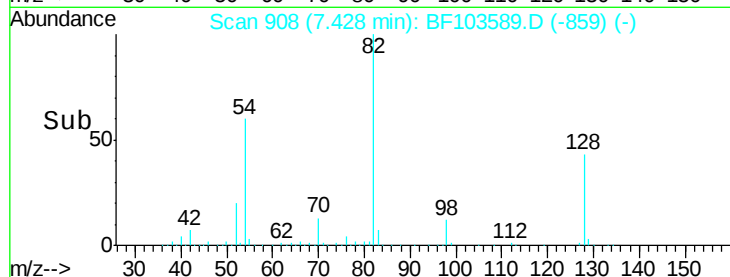
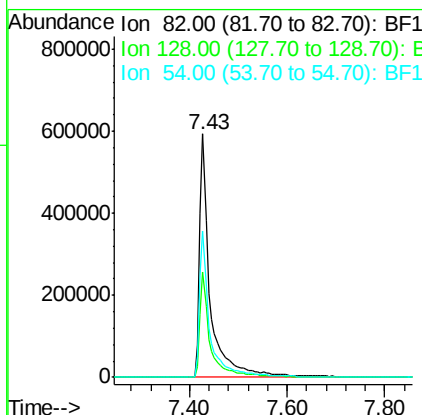
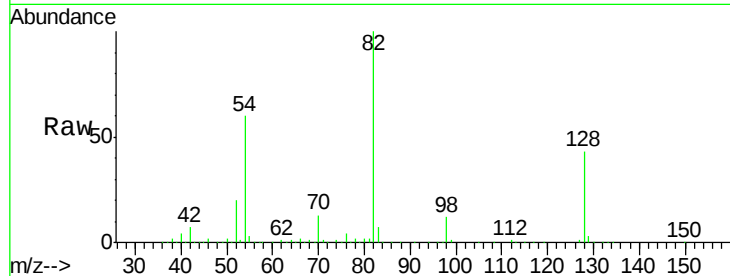
#23
Nitrobenzene-d5
Concen: 92.60 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Instrument :
BNA_F
ClientSampleId :
CPS113071

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	60.1	41.4	62.2

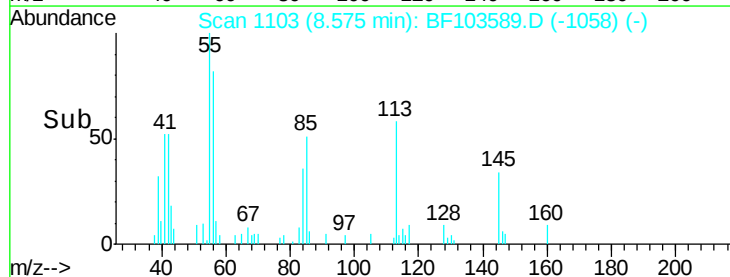
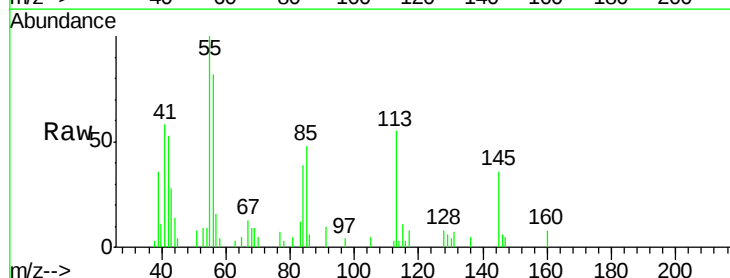
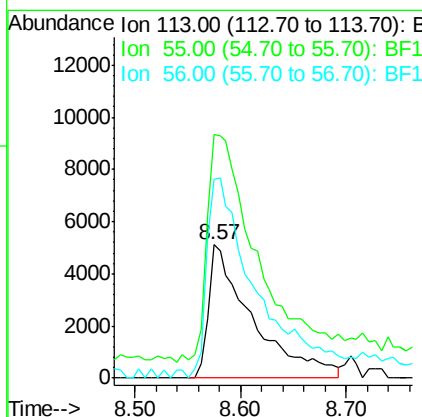
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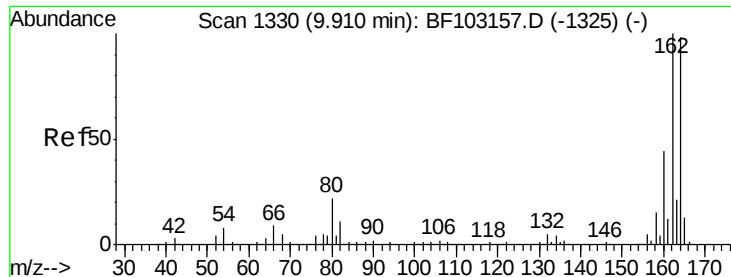
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#35
Caprolactam
Concen: 5.65 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.04 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion	Ratio	Lower	Upper
113	100		
55	183.1	163.3	203.3
56	149.2	115.7	155.7





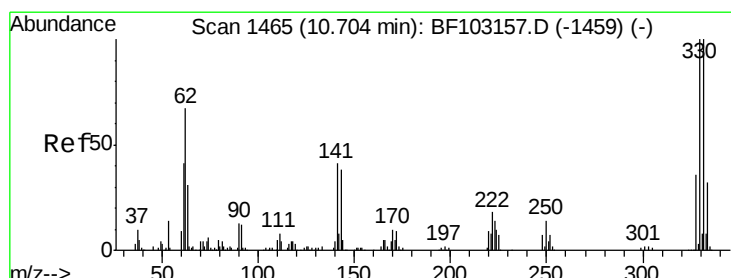
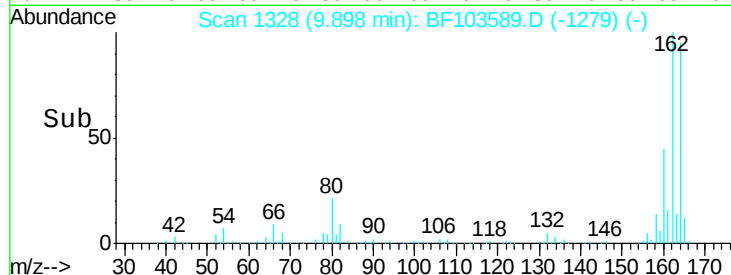
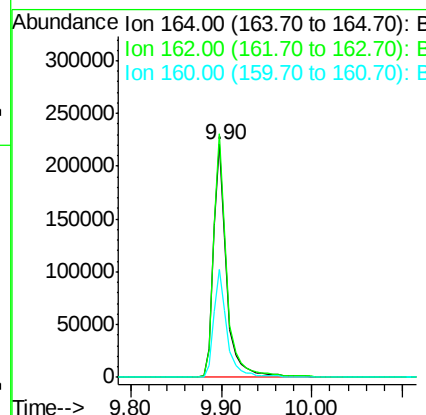
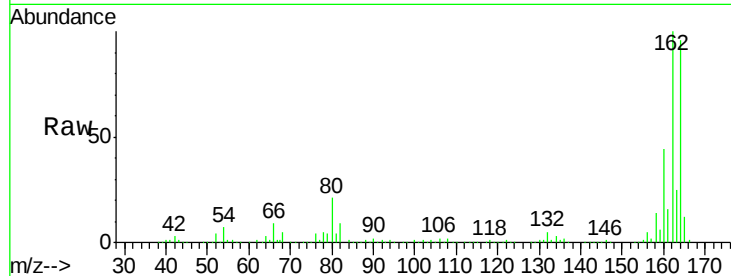
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Instrument :
BNA_F
ClientSampleId :
CPS113071

Tot Ion	Ratio	Resp	Lower	Upper
164	100	229478		
162	104.6	86.1	129.1	
160	46.4	38.3	57.5	

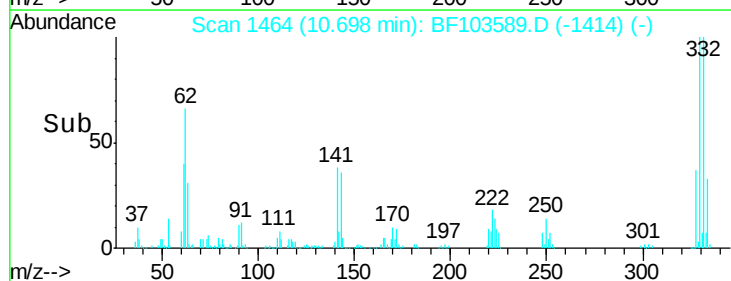
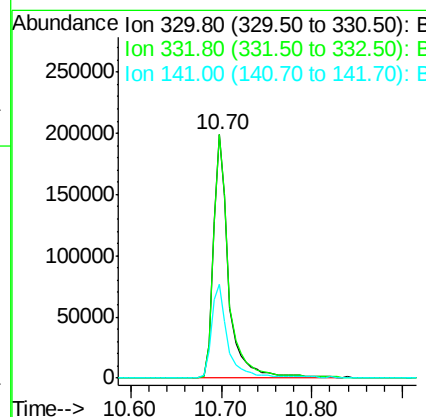
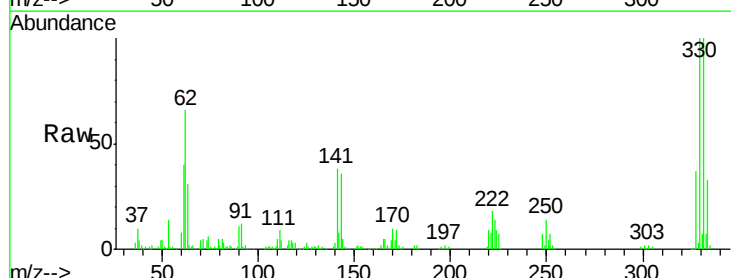
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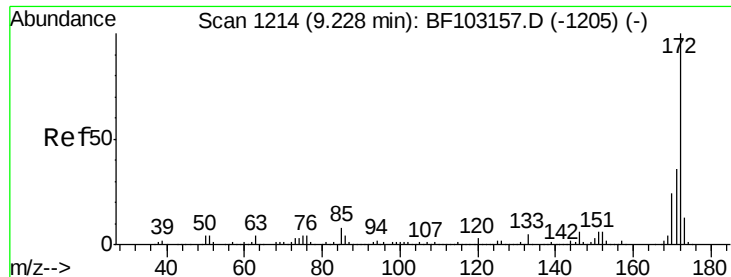
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#41
2,4,6-Tribromophenol
Concen: 122.14 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	237251		
332	100.9	77.0	115.6	
141	40.8	29.9	44.9	





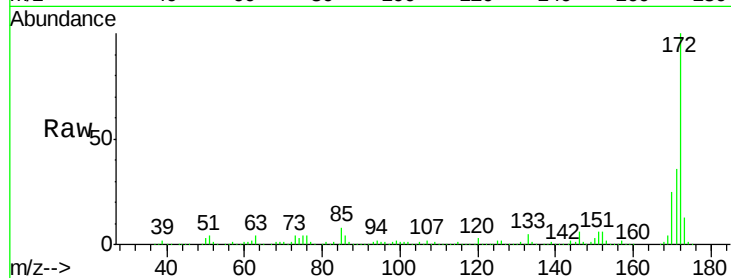
#44
2-Fluorobiphenyl
Concen: 96.47 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Instrument :
BNA_F
ClientSampled :
CPS113071

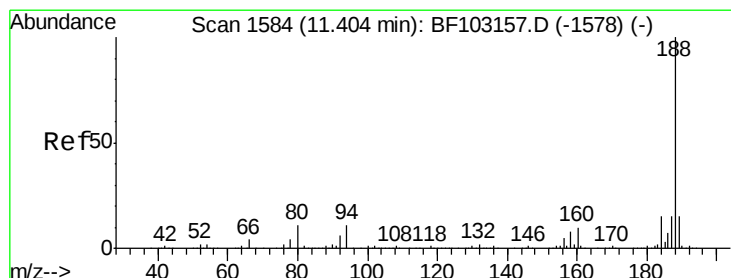
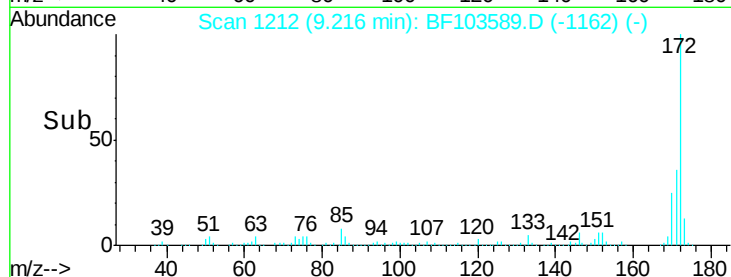
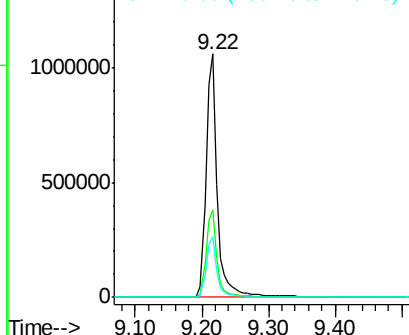
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.7	19.6	29.4

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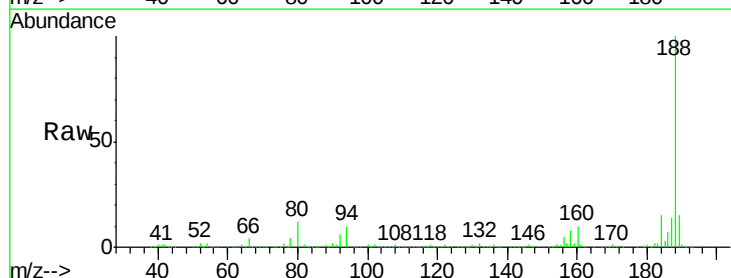


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

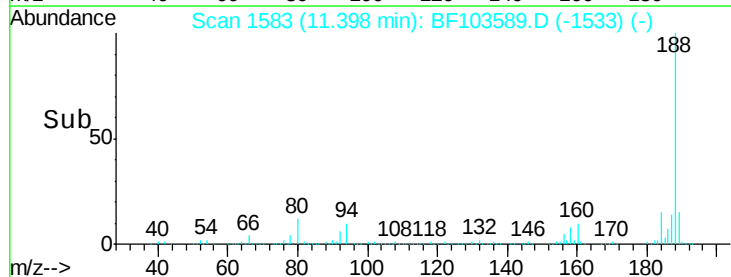
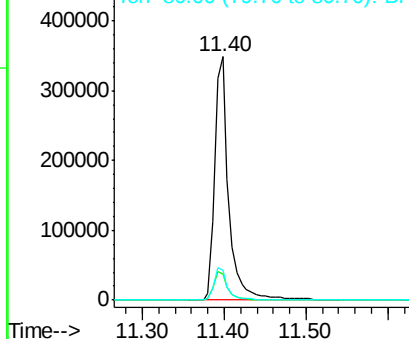


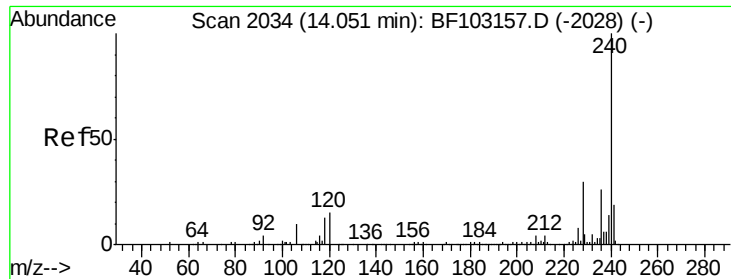
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	12.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Instrument :

BNA_F

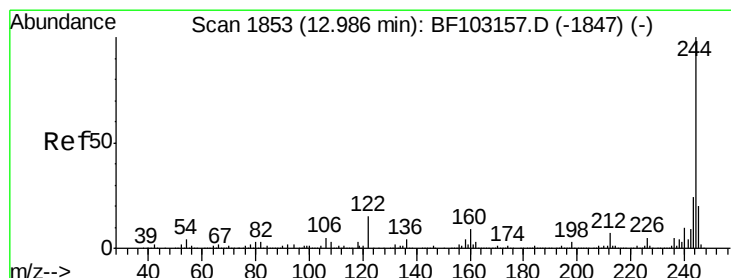
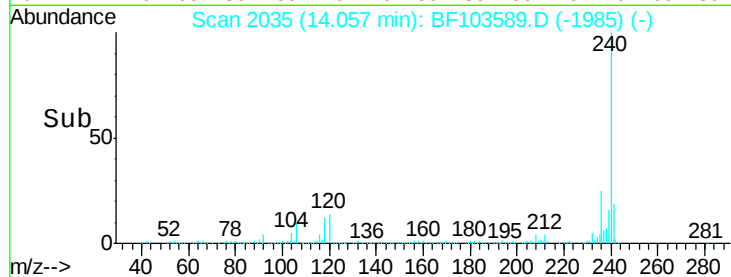
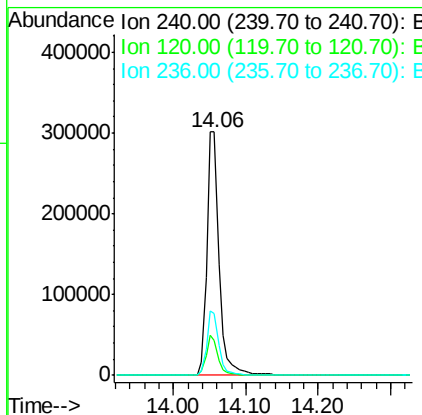
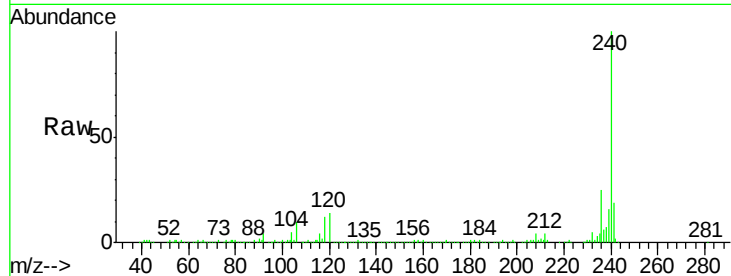
ClientSampled :

CPS113071

Tot Ion:	240	Resp:	355692
Ion Ratio	Lower	Upper	
240	100		
120	14.1	9.5	14.3
236	25.5	20.7	31.1

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#78

Terphenyl-d14

Concen: 70.40 ng

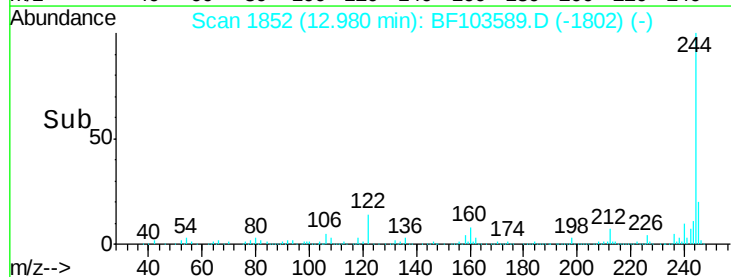
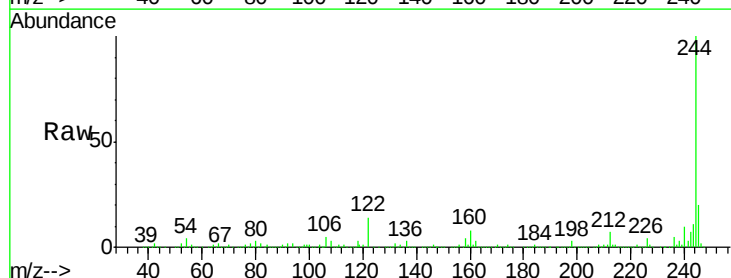
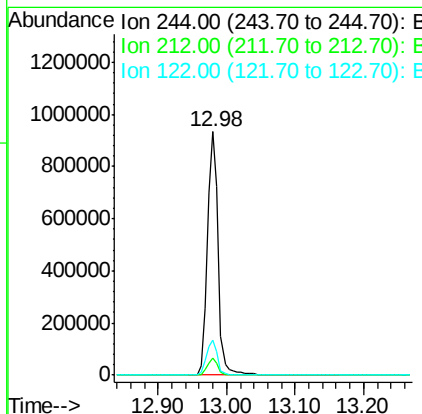
RT: 12.98 min Scan# 1852

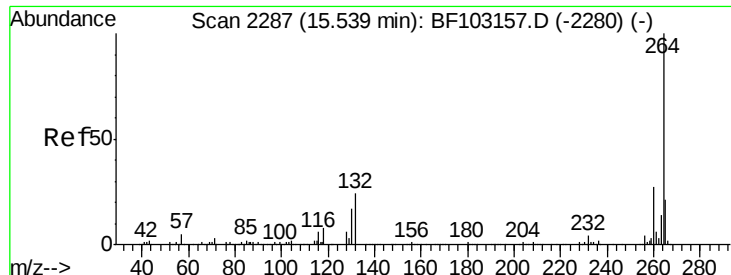
Delta R.T. -0.01 min

Lab File: BF103589.D

Acq: 12 Mar 2018 18:35

Tgt Ion:	244	Resp:	1041619
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.4	8.0
122	14.5	11.0	16.4





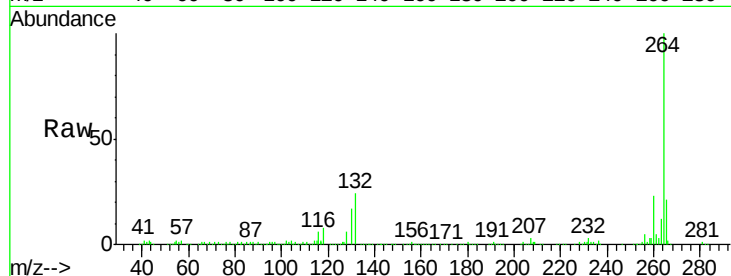
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103589.D
Acq: 12 Mar 2018 18:35

Instrument :
BNA_F
ClientSampleId :
CPS113071

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	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

