

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099189.D
 Acq On : 7 Oct 2017 12:50
 Operator : SJ/JU
 Sample : I5585-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 G71-0-1.5

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:33:49 PM

Quant Time: Oct 09 10:42:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 08 03:54:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	267204	40.00	ng	0.00
21) Naphthalene-d8	8.15	136	1066633	40.00	ng	0.00
38) Acenaphthene-d10	9.90	164	446997	40.00	ng	0.00
63) Phenanthrene-d10	11.39	188	666978	40.00	ng	0.00
75) Chrysene-d12	14.03	240	447226	40.00	ng	0.00
86) Perylene-d12	15.50	264	422568	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	799121	95.22	ng	0.00
7) Phenol-d6	6.50	99	960005	92.73	ng	0.00
23) Nitrobenzene-d5	7.43	82	571029	68.66	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	162093	88.63	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1006312	75.17	ng	0.00
78) Terphenyl-d14	12.97	244	626609	63.73	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	128546	7.621	ng	100
74) Fluoranthene	12.60	202	39312	2.175	ng	99
77) Pyrene	12.83	202	38769	2.274	ng	100
87) Benzo(b)fluoranthene	15.07	252	38788m	2.986	ng	

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

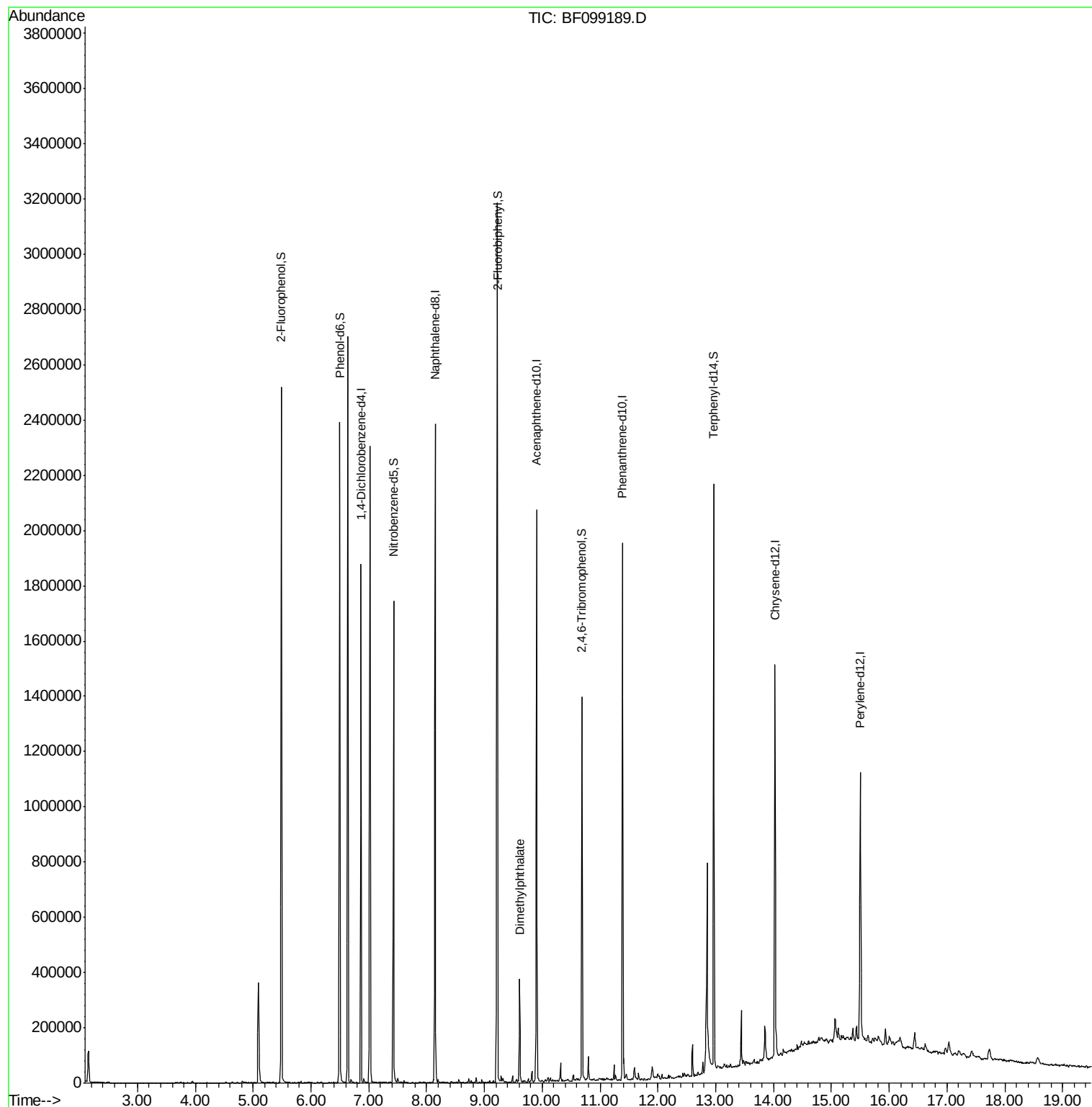
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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ALS Vial : 6 Sample Multiplier: 2

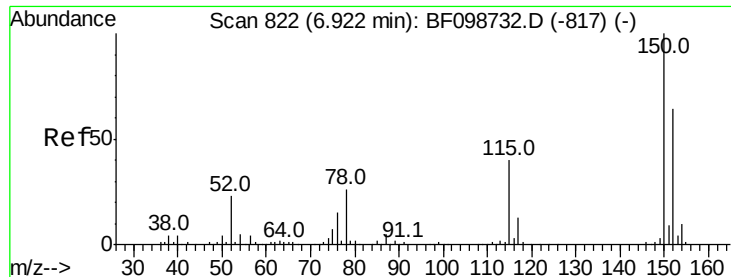
Instrument :
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G71-0-1.5

Manual Integrations
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#1

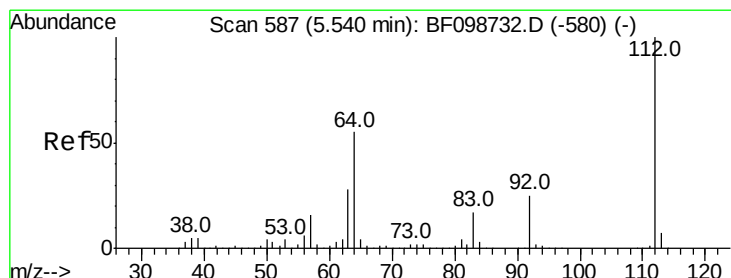
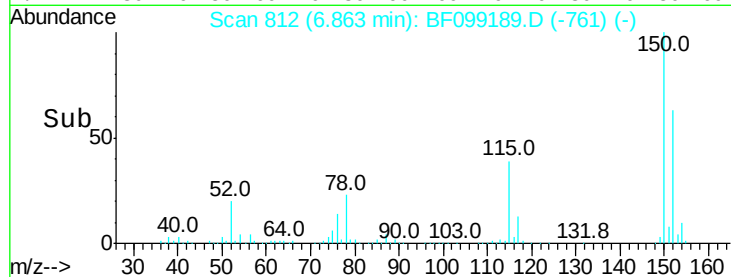
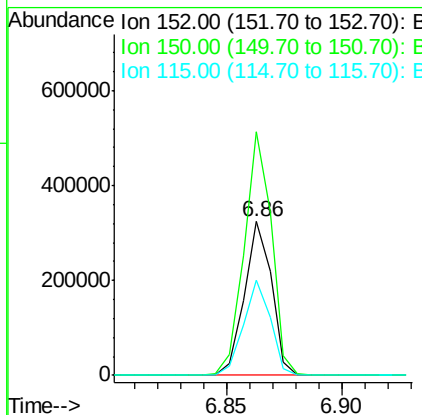
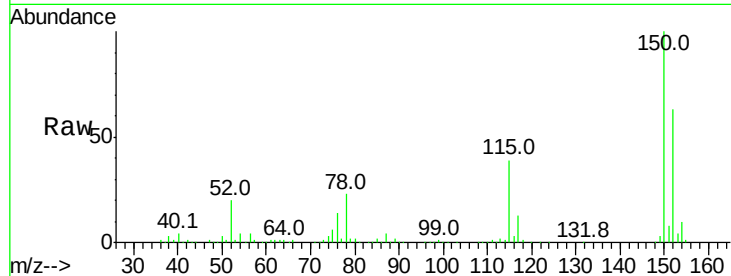
1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF099189.D
 Acq: 7 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :
 G71-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	61.7	50.1	75.1

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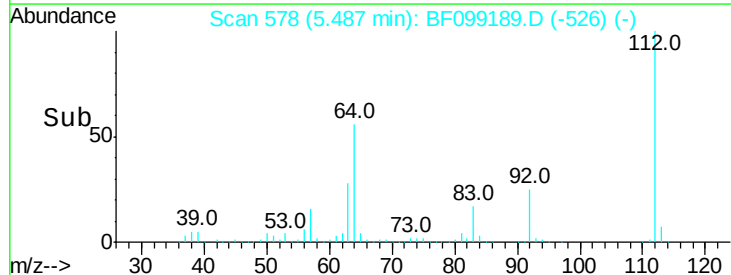
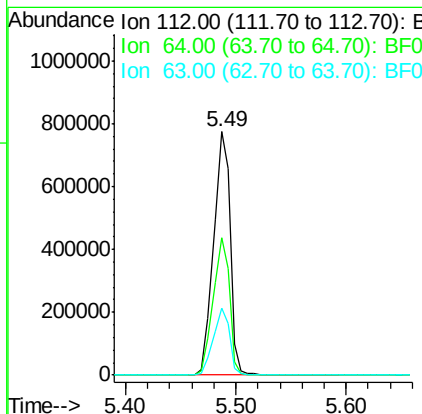
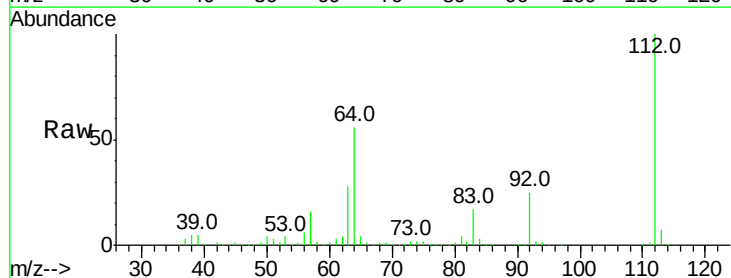
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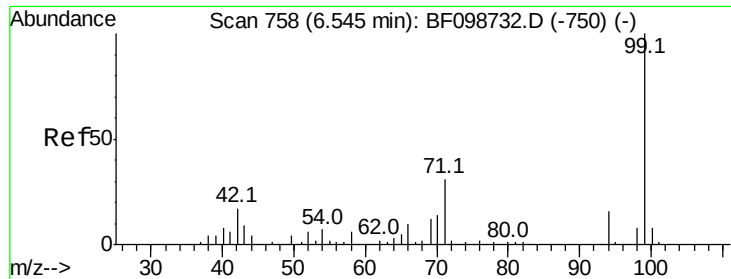


#5

2-Fluorophenol
 Concen: 95.217 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099189.D
 Acq: 7 Oct 2017 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	27.6	23.7	35.5





#7

Phenol-d6

Concen: 92.725 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099189.D

Acq: 7 Oct 2017 12:50

Instrument :

BNA_F

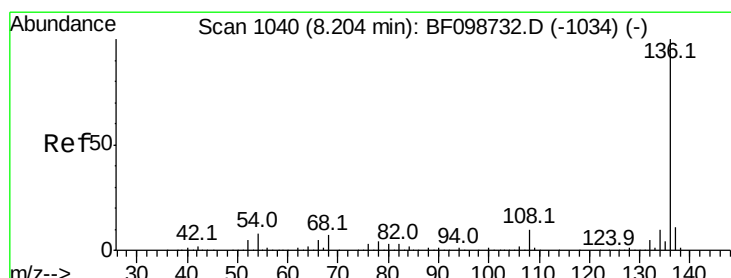
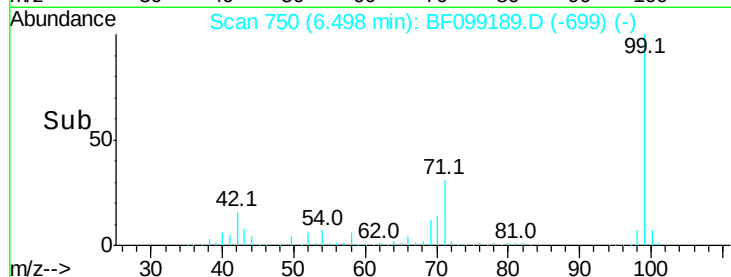
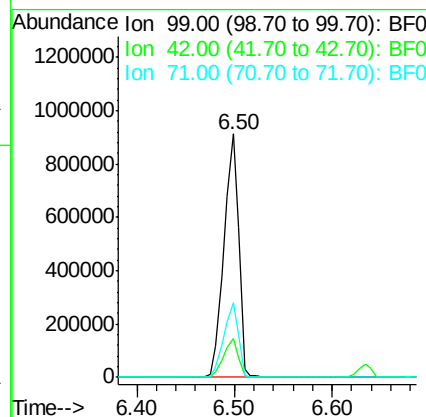
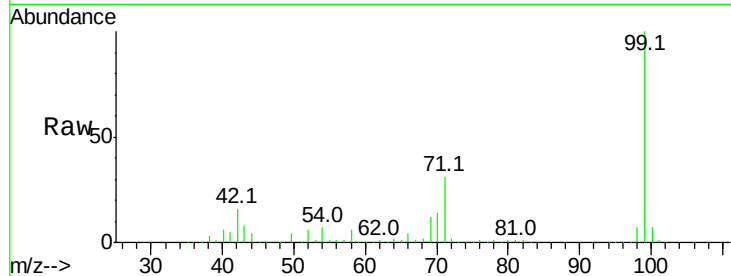
ClientSampleId :

G71-0-1.5

Tot Ion:	99	Resp:	960005
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	30.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 40.000 ng

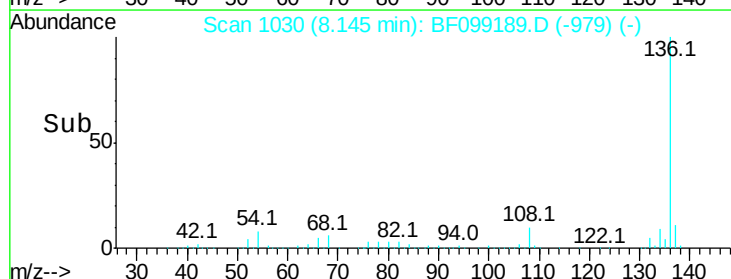
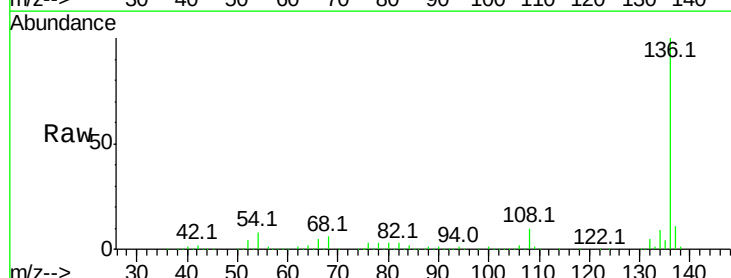
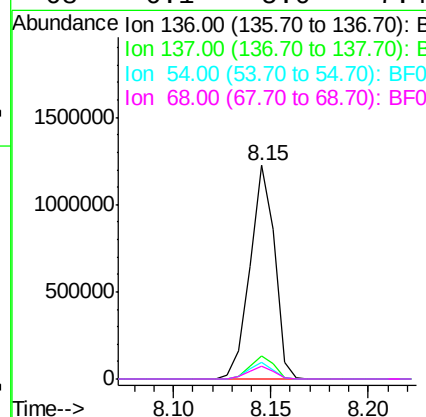
RT: 8.15 min Scan# 1030

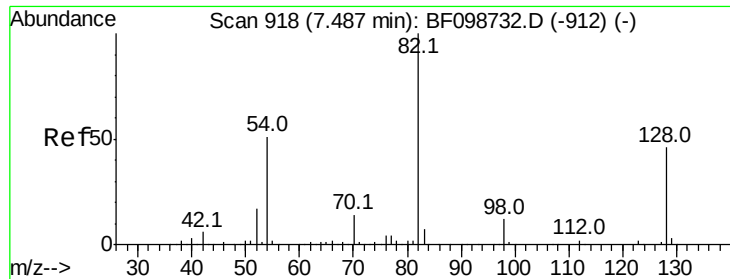
Delta R.T. -0.00 min

Lab File: BF099189.D

Acq: 7 Oct 2017 12:50

Tgt Ion:	136	Resp:	1066633
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.7	6.6	9.8
68	6.1	5.0	7.4





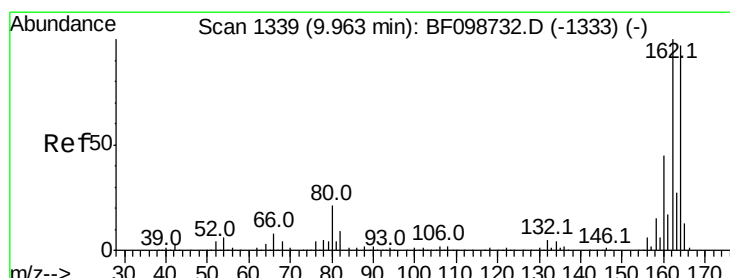
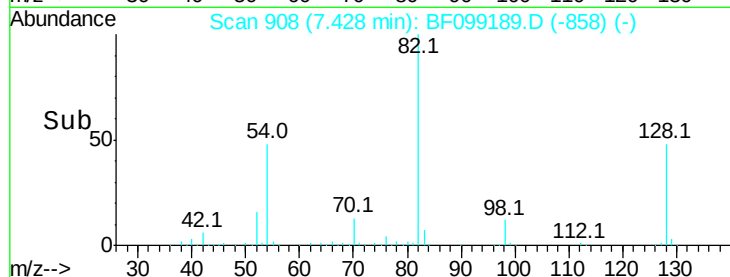
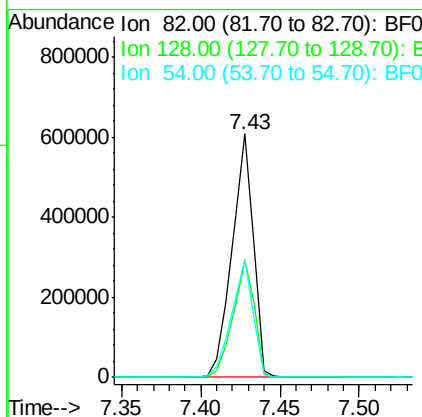
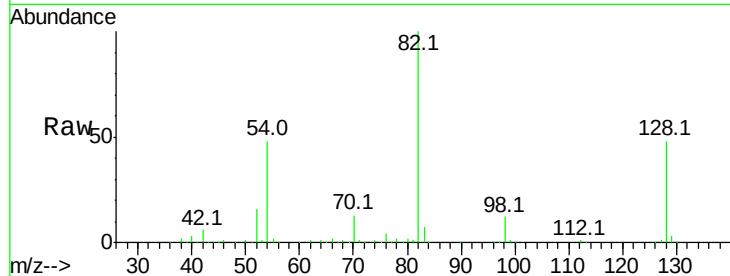
#23
 Nitrobenzene-d5
 Concen: 68.665 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099189.D
 Acq: 7 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampled :
 G71-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	48.4	41.4	62.2

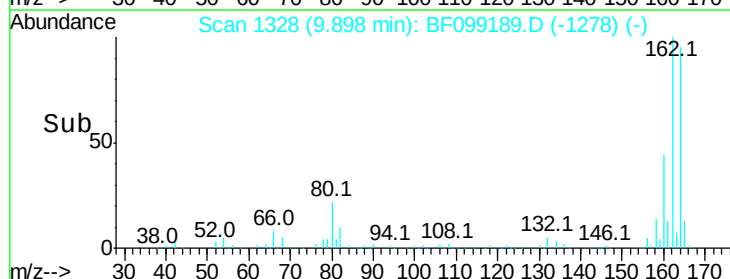
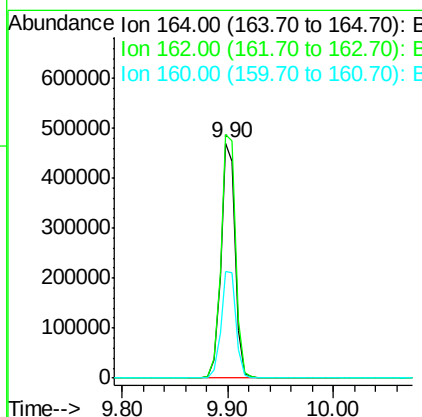
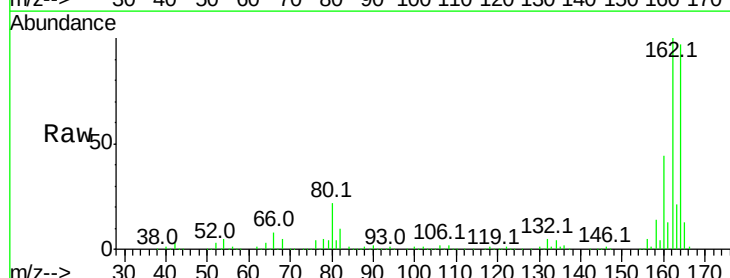
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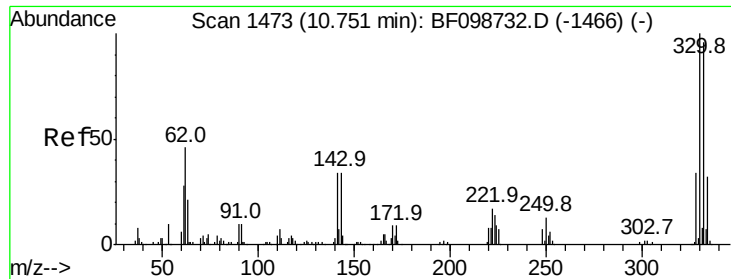
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#38
 Acenaphthene-d10
 Concen: 40.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099189.D
 Acq: 7 Oct 2017 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	45.2	38.3	57.5





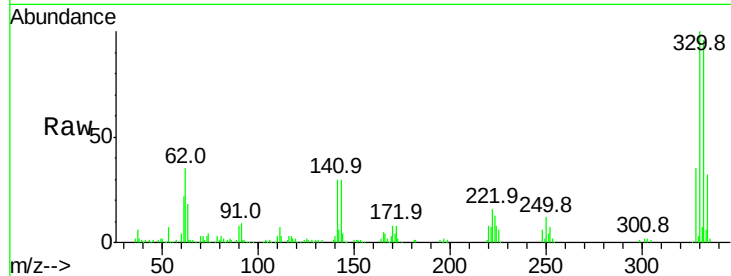
#41
 2,4,6-Tribromophenol
 Concen: 88.632 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF099189.D
 Acq: 7 Oct 2017 12:50

Instrument :
 BNA_F
 ClientSampleId :
 G71-0-1.5

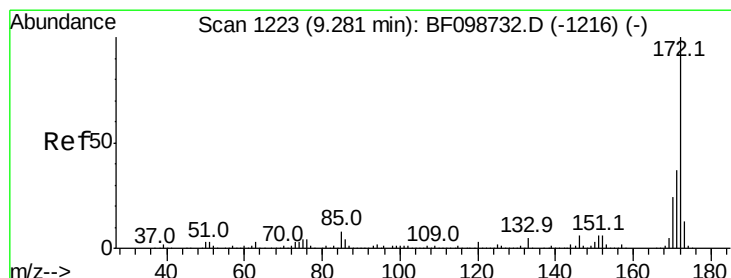
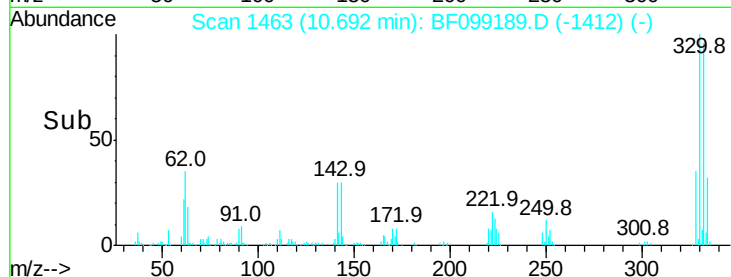
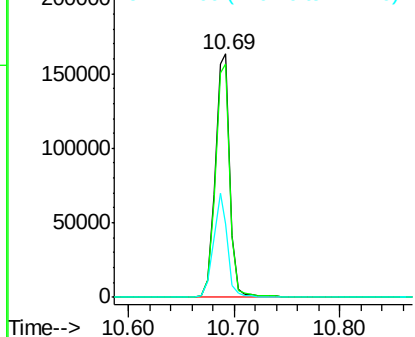
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	40.5	29.9	44.9

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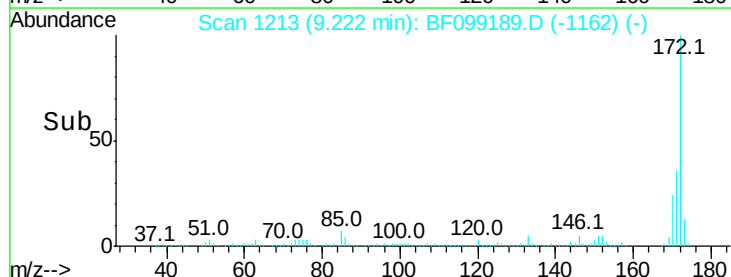
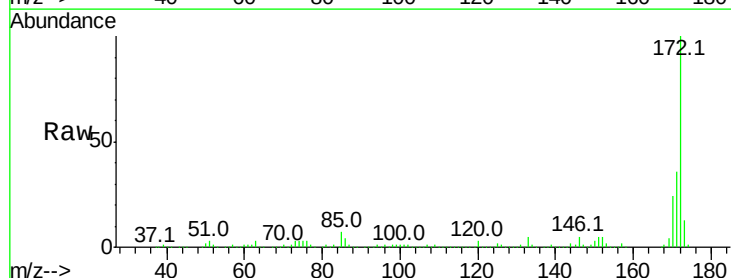
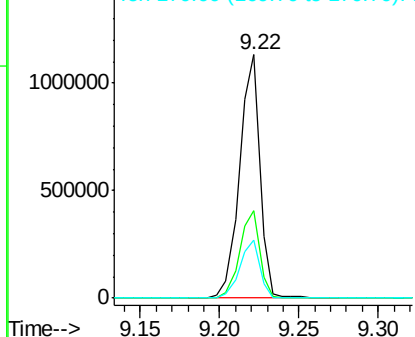
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

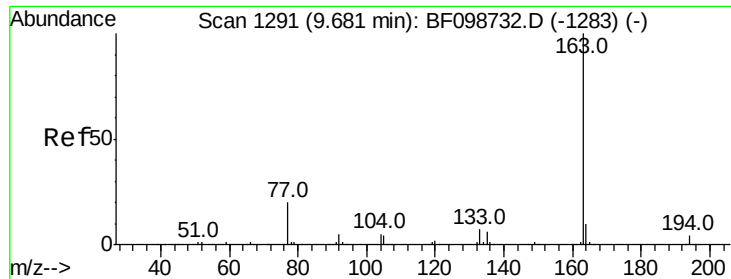


#44
 2-Fluorobiphenyl
 Concen: 75.166 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF099189.D
 Acq: 7 Oct 2017 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.0	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





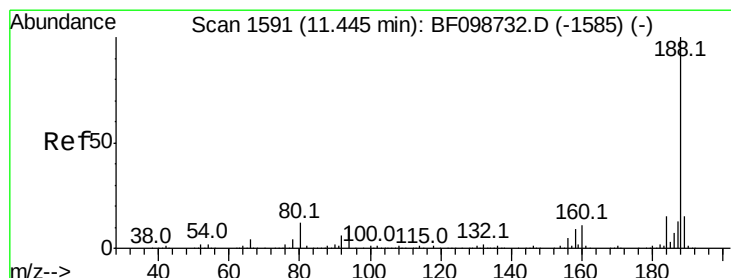
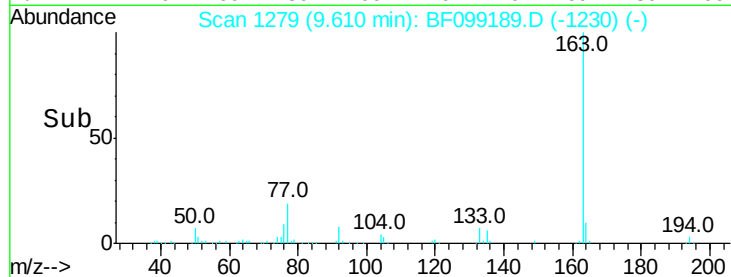
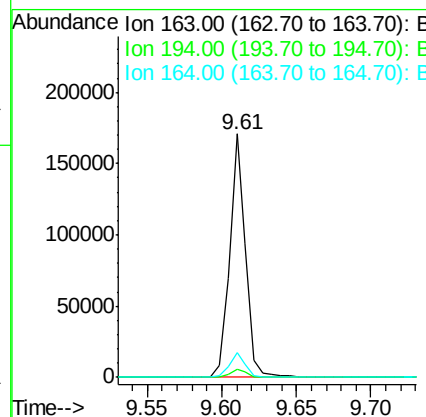
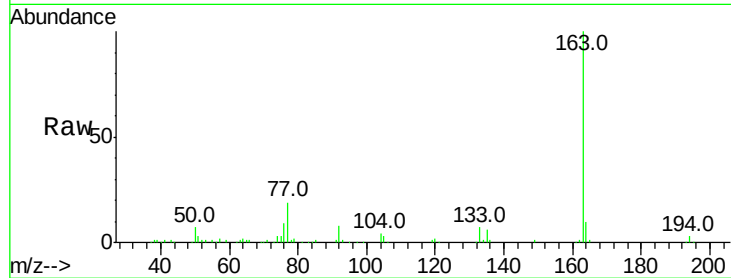
#49
Dimethylphthalate
Concen: 7.621 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF099189.D
Acq: 7 Oct 2017 12:50

Instrument :
BNA_F
ClientSampleId :
G71-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.0	8.2	12.2	

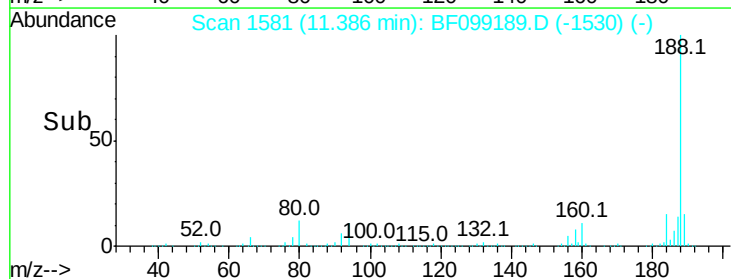
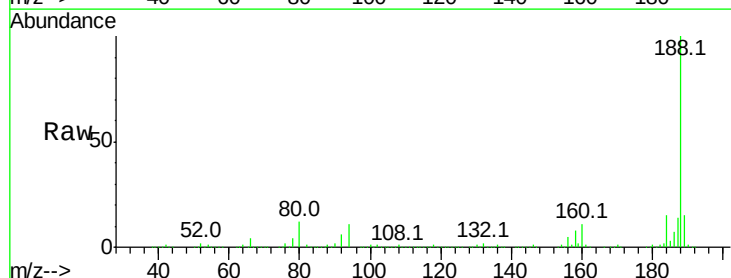
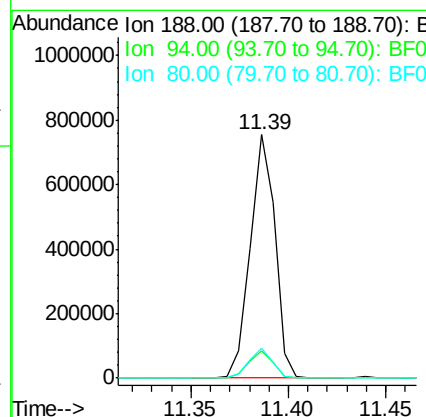
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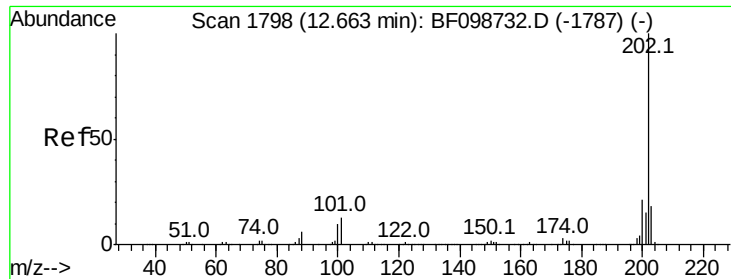
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#63
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF099189.D
Acq: 7 Oct 2017 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.4	8.5	12.7	
80	12.2	9.2	13.8	





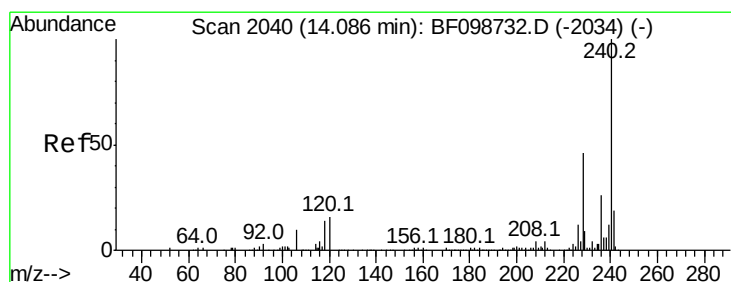
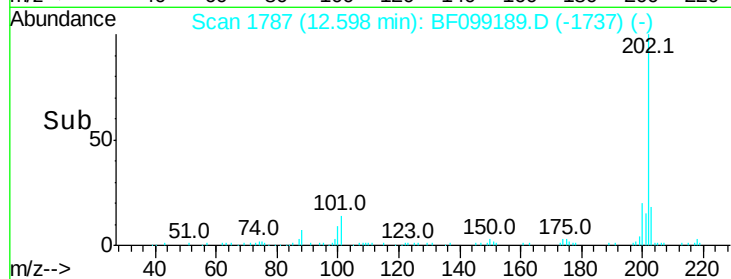
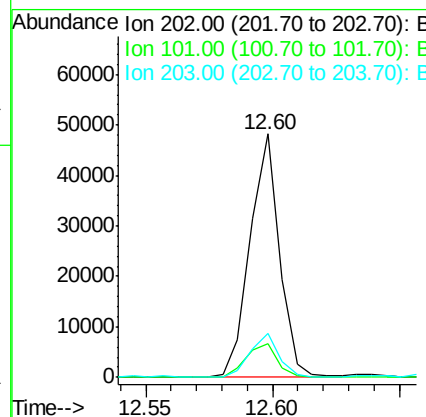
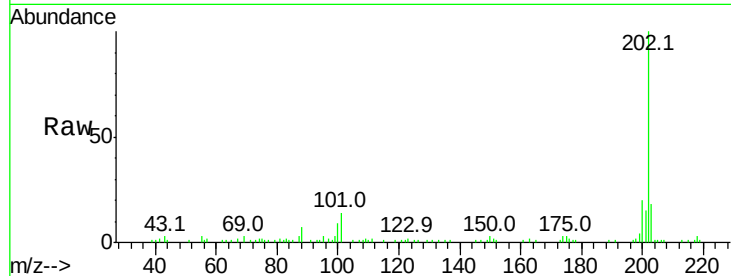
#74
Fluoranthene
Concen: 2.175 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BF099189.D
Acq: 7 Oct 2017 12:50

Instrument :
BNA_F
ClientSampleId :
G71-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.8	0.0	34.1
203	17.8	0.0	38.1

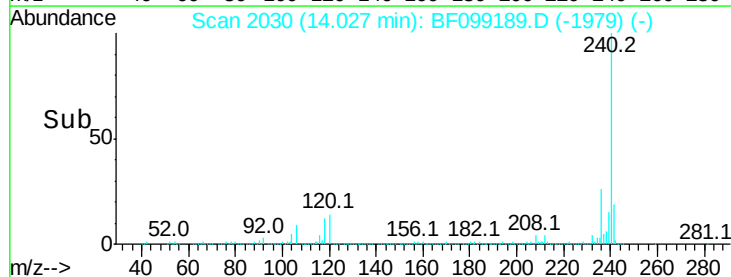
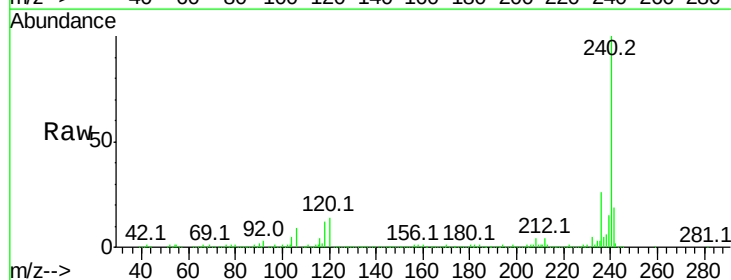
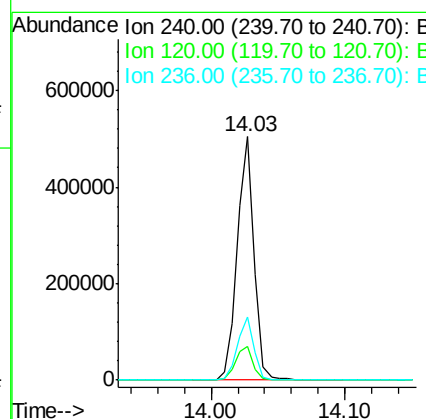
Manual Integrations
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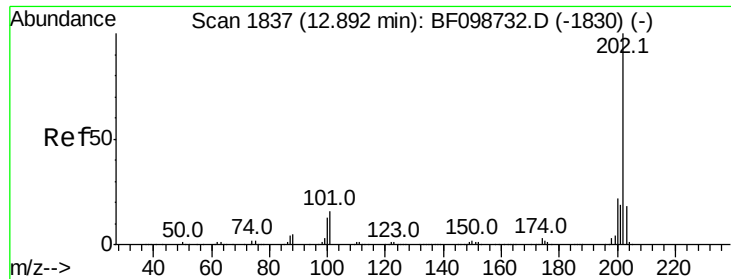
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#75
Chrysene-d12
Concen: 40.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF099189.D
Acq: 7 Oct 2017 12:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.0	20.7	31.1





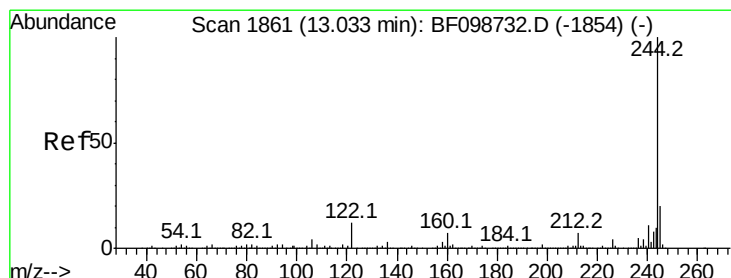
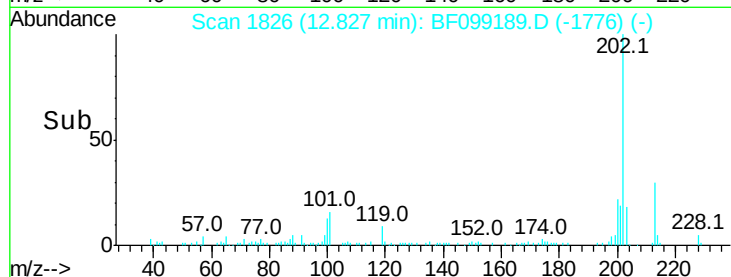
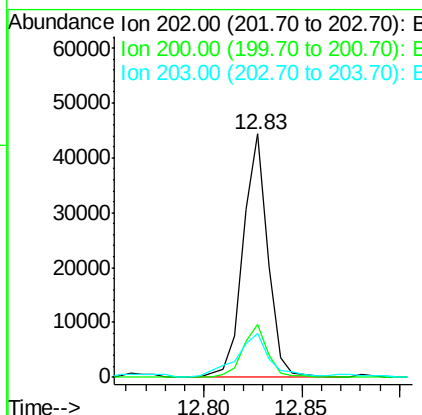
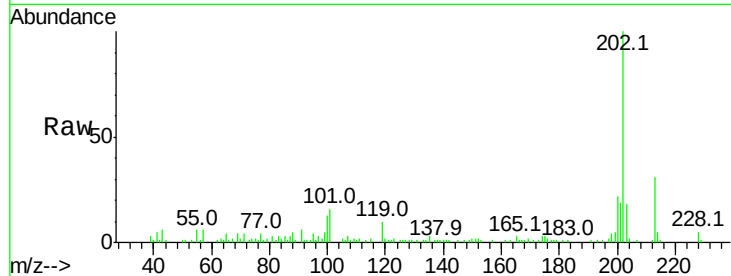
#77
Pvrene
Concen: 2.274 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF099189.D
Acq: 7 Oct 2017 12:50

Instrument :
BNA_F
ClientSampleId :
G71-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.1	14.3	21.5

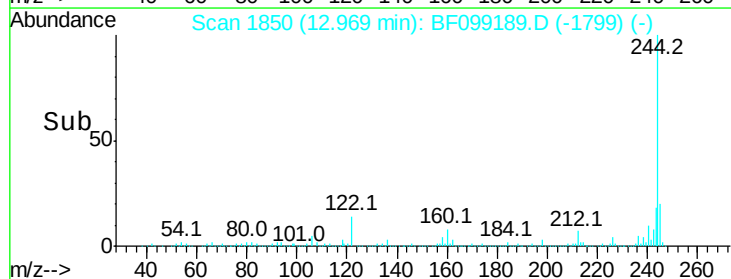
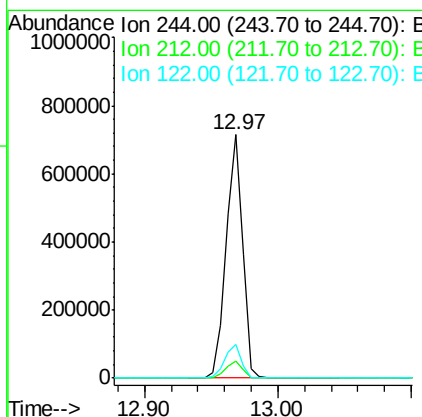
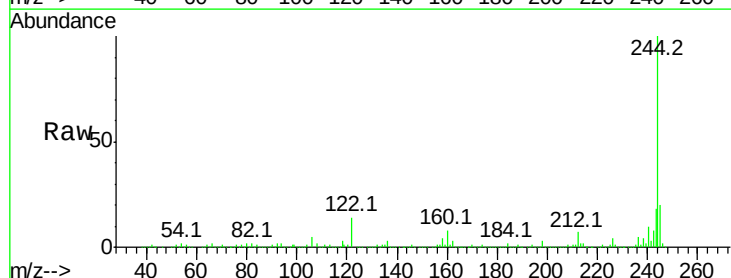
Manual Integrations
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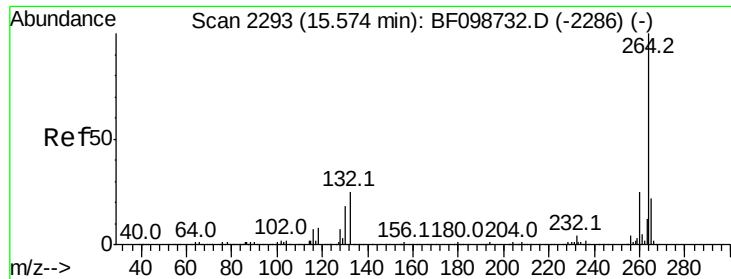
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#78
Terphenyl-d14
Concen: 63.728 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BF099189.D
Acq: 7 Oct 2017 12:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.4	8.0
122	14.1	11.0	16.4





#86

Pervlene-d12

Concen: 40.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF099189.D

Acq: 7 Oct 2017 12:50

Instrument :

BNA_F

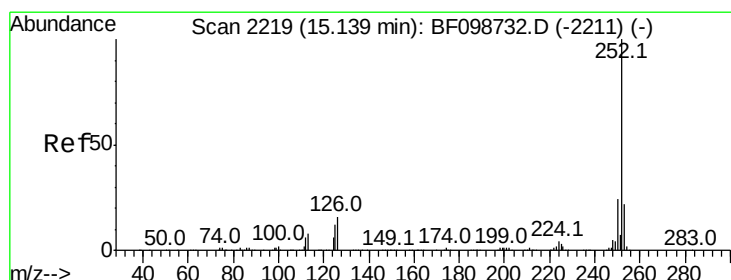
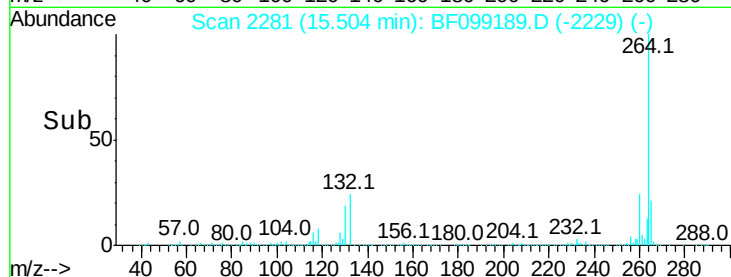
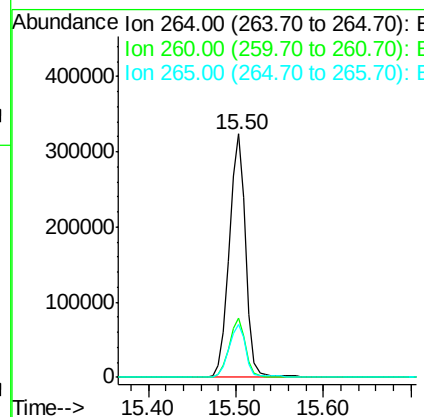
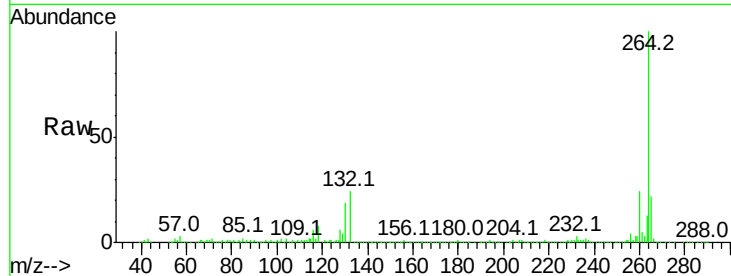
ClientSampleId :

G71-0-1.5

Tot Ion:	264	Resp:	422568
Ion Ratio		Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/9/2017 6:33:49 PM



#87

Benzo(b)fluoranthene

Concen: 2.986 ng m

RT: 15.07 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BF099189.D

Acq: 7 Oct 2017 12:50

Tgt Ion:	252	Resp:	38788
Ion Ratio		Lower	Upper
252	100		
253	24.9	17.0	25.6
125	18.9	9.0	13.6#

