

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102181.D
 Acq On : 18 Jan 2018 6:22
 Operator : SJ/JU
 Sample : J1144-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-2

Manual Integrations
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Sohil
 1/18/2018 11:12:56 AM

Quant Time: Jan 18 07:44:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	140917	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	485863	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	194680	20.00	ng	0.01
63) Phenanthrene-d10	11.25	188	304949	20.00	ng	0.01
75) Chrysene-d12	13.87	240	248225	20.00	ng	0.00
86) Perylene-d12	15.28	264	247578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1032290	103.44	ng	0.01
7) Phenol-d6	6.36	99	1221769	102.61	ng	0.00
23) Nitrobenzene-d5	7.29	82	698194	84.45	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	195424	115.03	ng	0.02
44) 2-Fluorobiphenyl	9.09	172	1080210	86.68	ng	0.00
78) Terphenyl-d14	12.83	244	785967	65.74	ng	0.00
Target Compounds						
10) Phenol	6.37	94	56730	4.216	ng	88
31) Naphthalene	8.03	128	107517	4.429	ng	# 60
37) 2-Methylnaphthalene	8.72	142	85727	5.364	ng	# 86
49) Dimethylphthalate	9.48	163	154541	9.895	ng	# 80
51) Acenaphthene	9.80	154	54084	4.208	ng	# 82
57) Fluorene	10.32	166	227703	18.673	ng	# 90
70) Phenanthrene	11.28	178	294450	16.530	ng	# 93
77) Pyrene	12.69	202	67307	3.068	ng	95

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

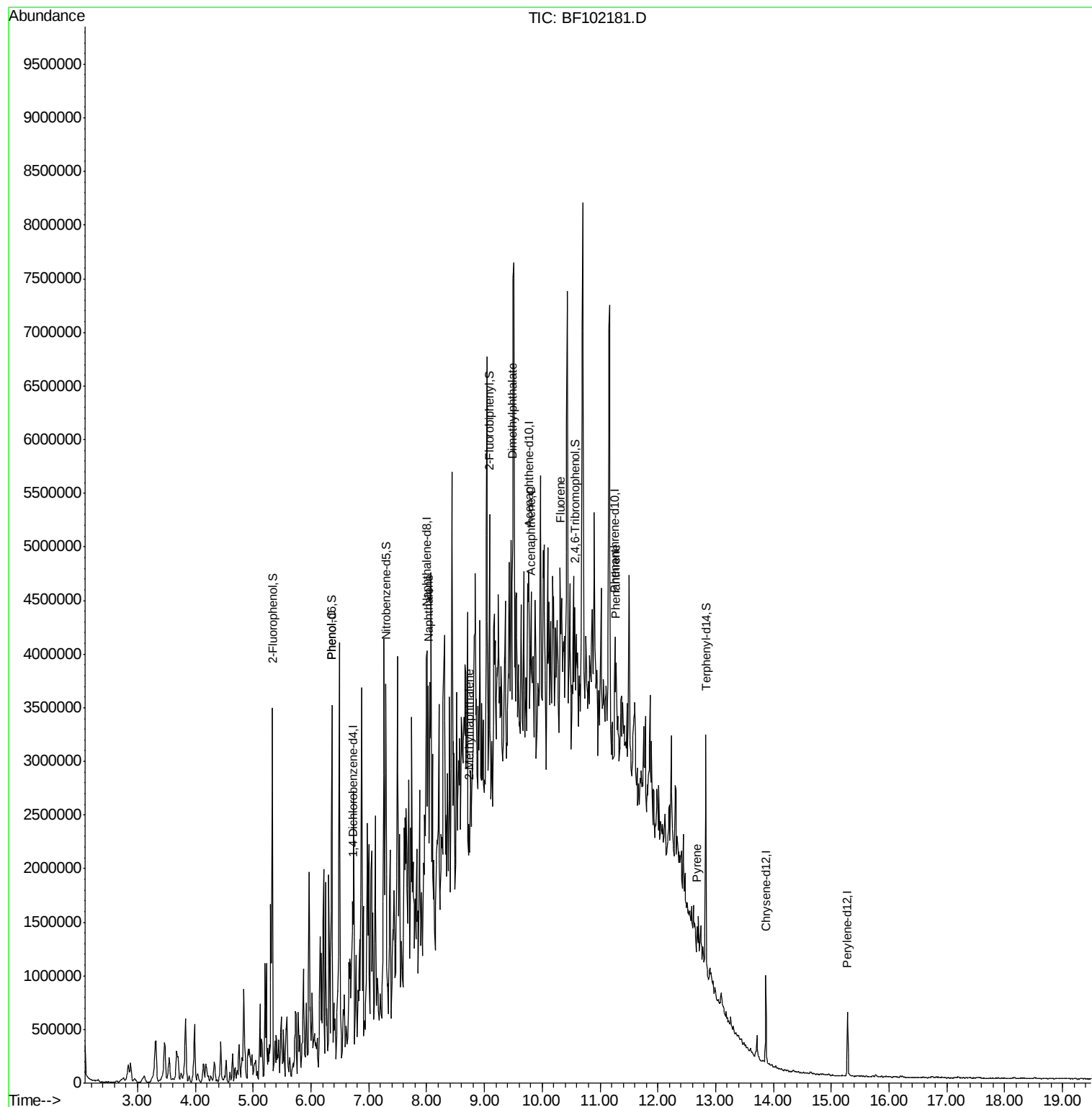
Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102181.D
Acq On : 18 Jan 2018 6:22
Operator : SJ/JU
Sample : J1144-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

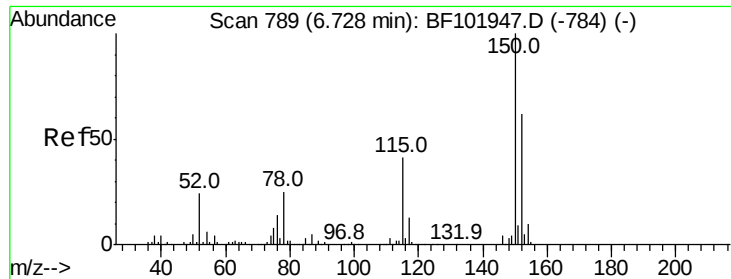
Instrument :
BNA_F
ClientSampleId :
DS-2

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1/18/2018 11:12:56 AM

Quant Time: Jan 18 07:44:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration





#1

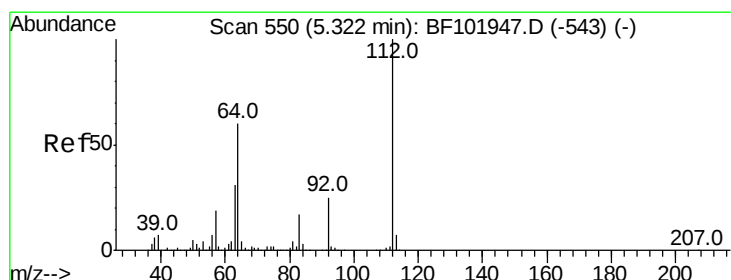
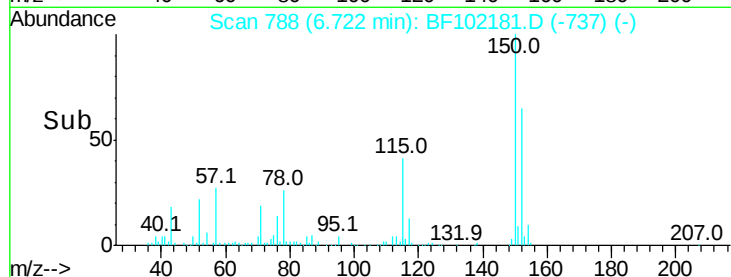
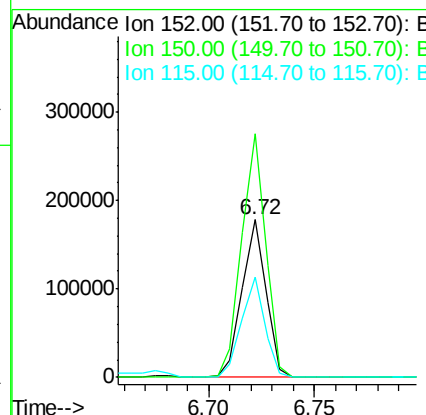
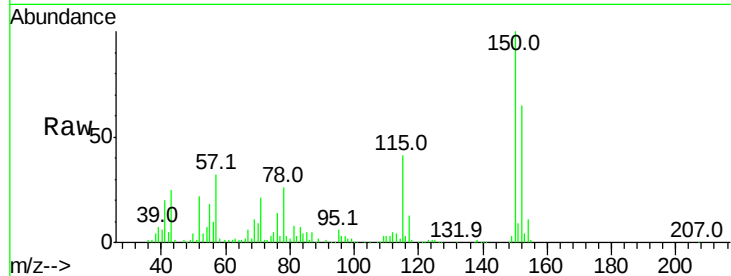
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Instrument :
BNA_F
ClientSampleId :
DS-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	63.3	50.1	75.1

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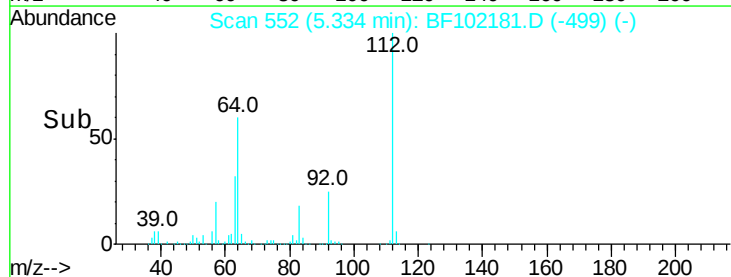
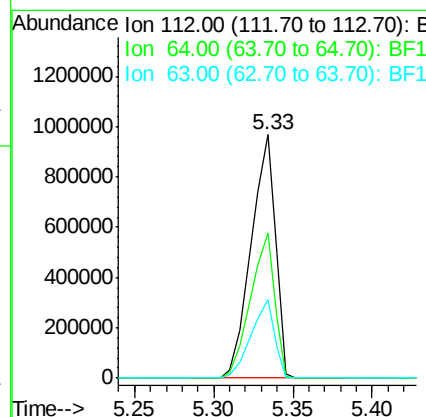
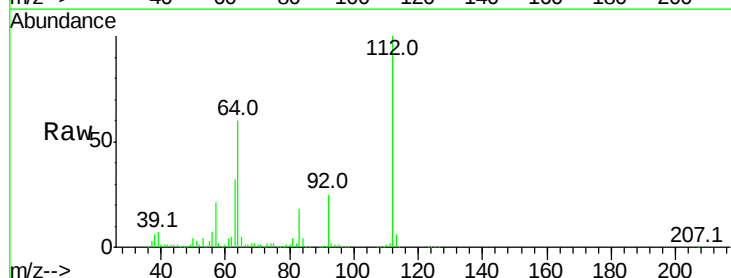
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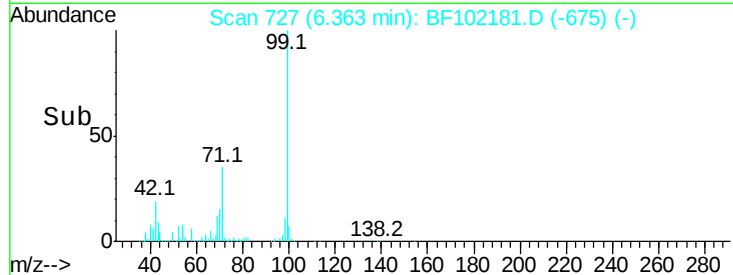
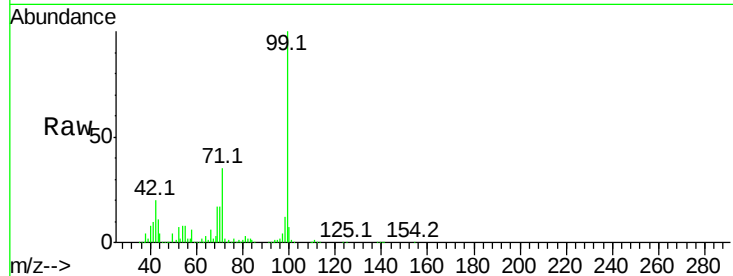


#5

2-Fluorophenol
Concen: 103.442 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.9	71.9
63	32.1	23.7	35.5





#7

Phenol-d6

Concen: 102.614 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102181.D

Acq: 18 Jan 2018 6:22

Tot Ion:	99	Resp:	1221769
Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	35.4	25.4	38.0

Instrument :

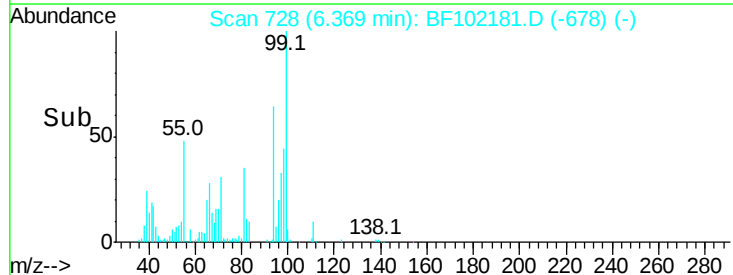
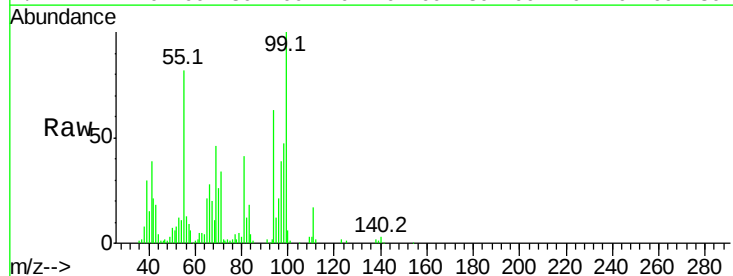
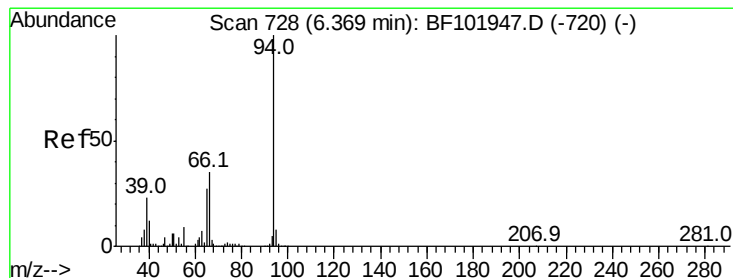
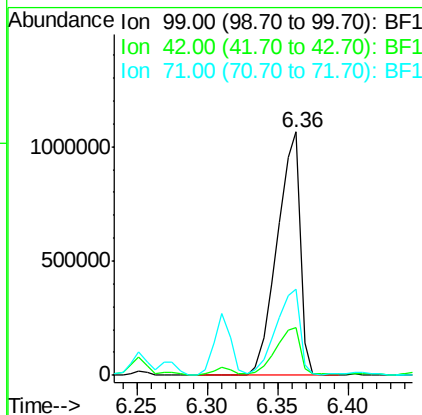
BNA_F

ClientSampled :

DS-2

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#10

Phenol

Concen: 4.216 ng

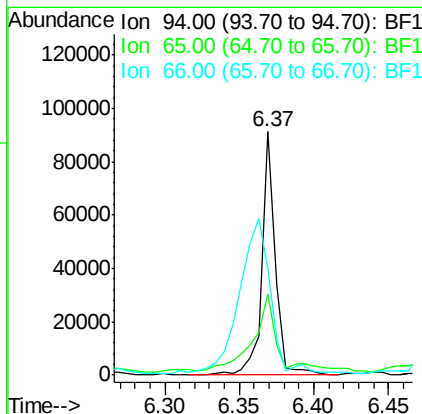
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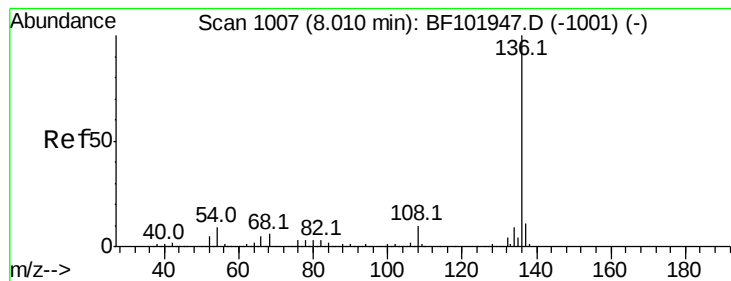
Delta R.T. -0.01 min

Lab File: BF102181.D

Acq: 18 Jan 2018 6:22

Tgt Ion:	94	Resp:	56730
Ion	Ratio	Lower	Upper
94	100		
65	33.3	7.9	47.9
66	44.0	16.2	56.2





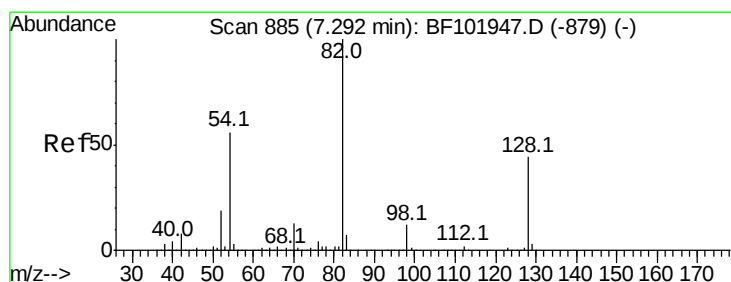
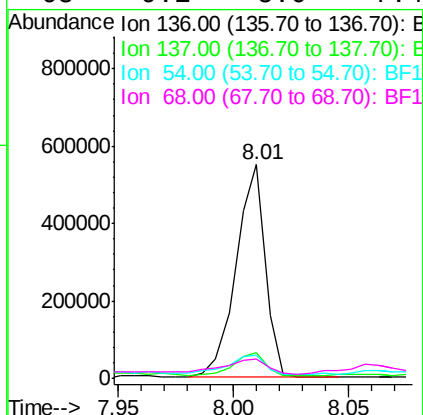
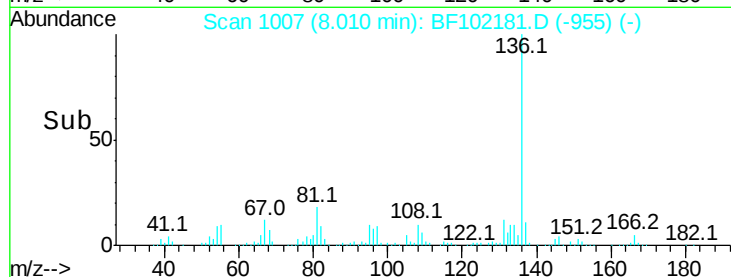
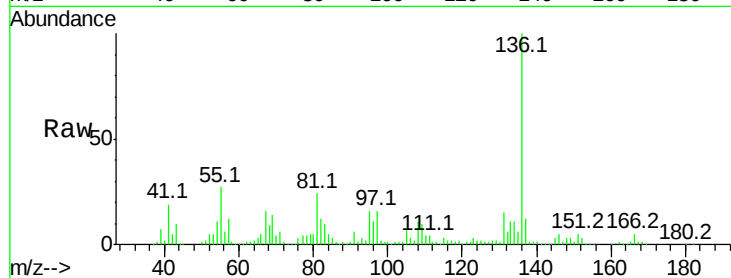
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Instrument :
BNA_F
ClientSampleId :
DS-2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.2	8.9	13.3	
54	10.7	6.6	9.8	
68	9.1	5.0	7.4	

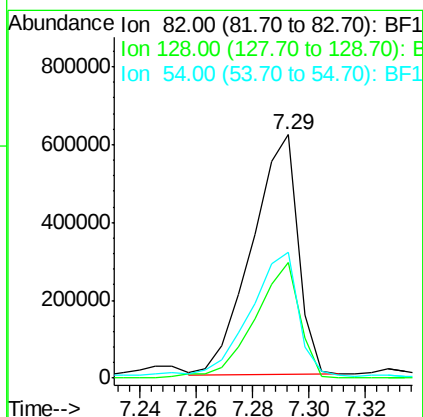
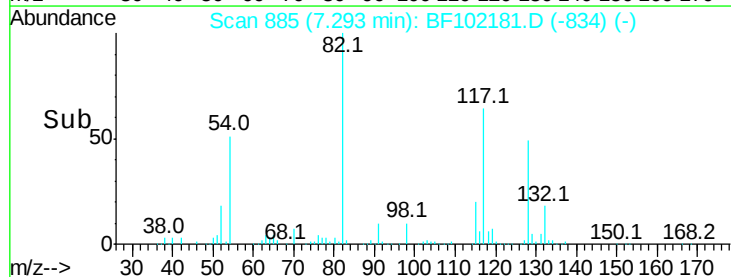
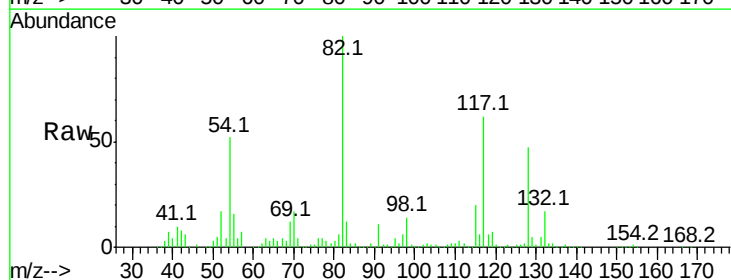
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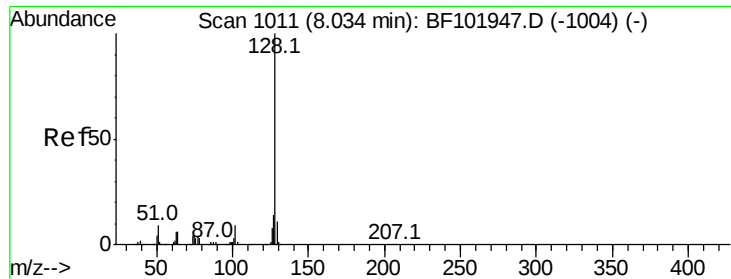
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#23
Nitrobenzene-d5
Concen: 84.445 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	36.1	54.1	
54	51.6	41.4	62.2	





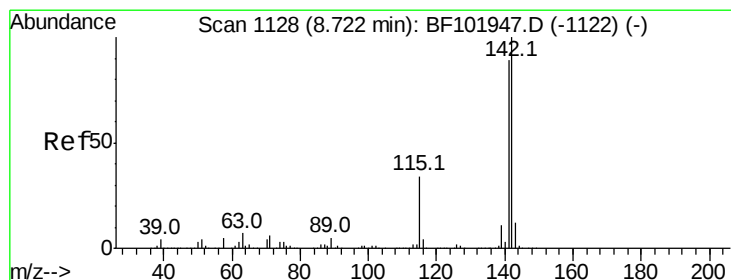
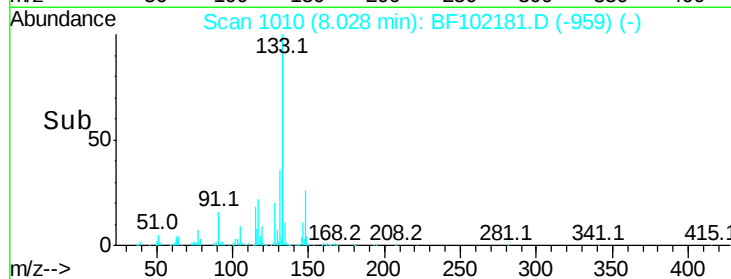
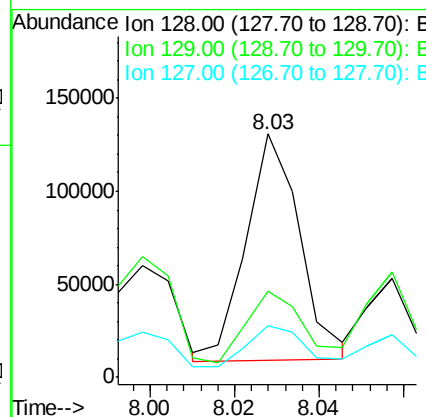
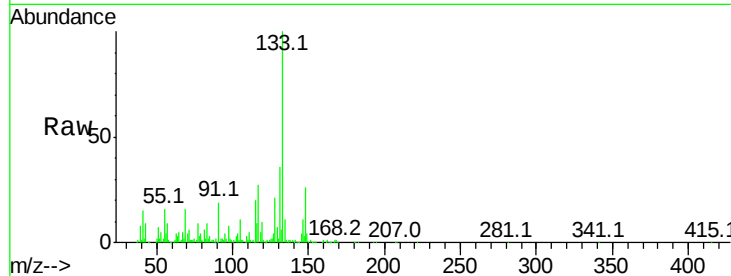
#31
Naphthalene
Concen: 4.429 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Instrument :
BNA_F
ClientSampleId :
DS-2

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	35.5	8.8	13.2#
127	21.3	10.9	16.3#

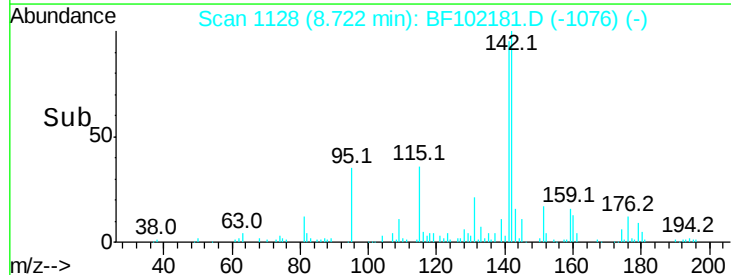
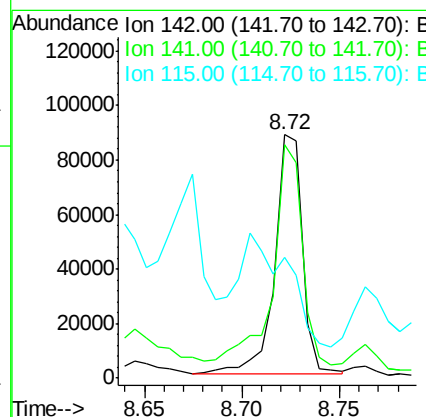
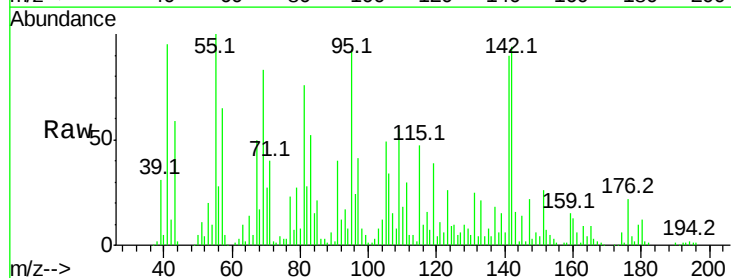
Manual Integrations
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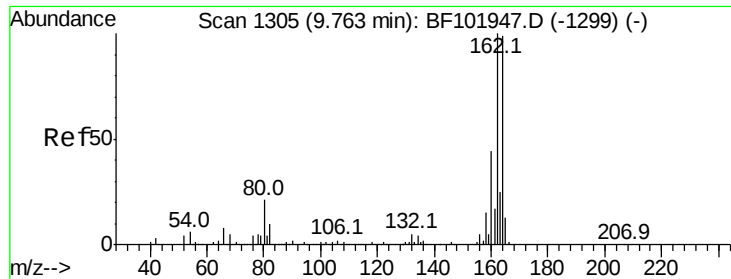
Sohil
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#37
2-Methylnaphthalene
Concen: 5.364 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
141	96.1	70.8	106.2
115	49.6	26.1	39.1#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF102181.D

Acq: 18 Jan 2018 6:22

Instrument :

BNA_F

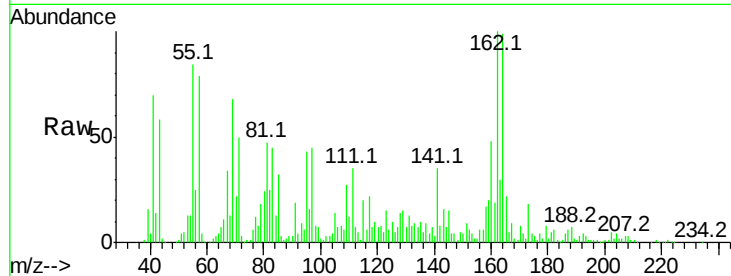
ClientSampleId :

DS-2

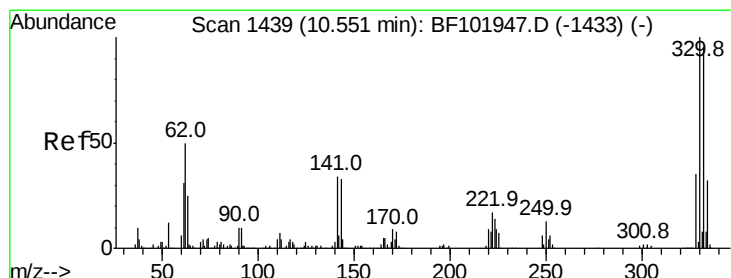
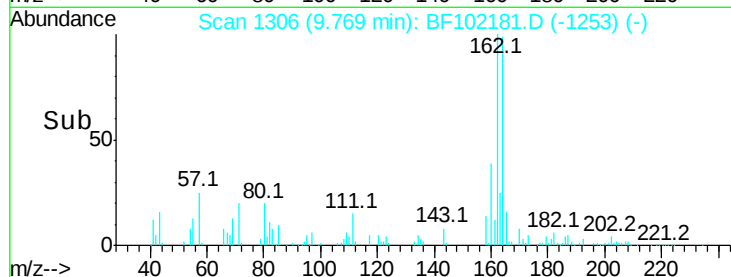
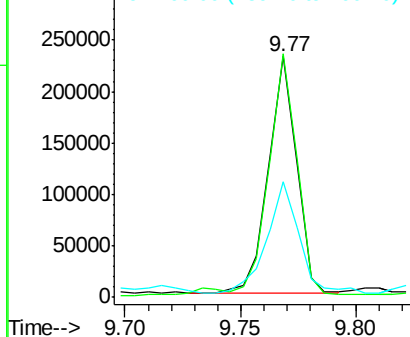
Tot Ion:	164	Resp:	194680
Ion Ratio	Lower	Upper	
164	100		
162	101.0	86.1	129.1
160	48.0	38.3	57.5

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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: 115.027 ng

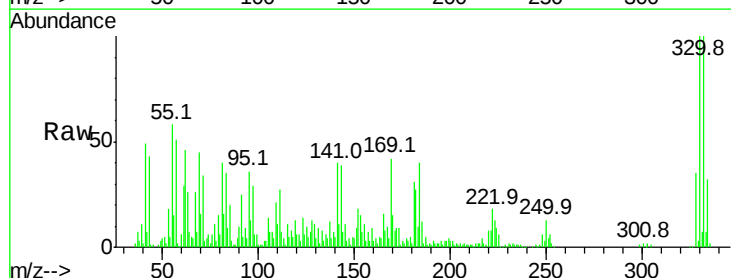
RT: 10.56 min Scan# 1441

Delta R.T. 0.02 min

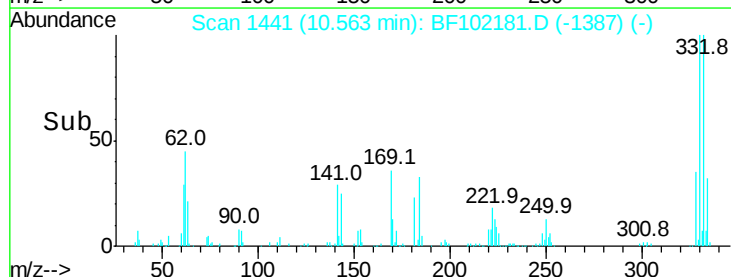
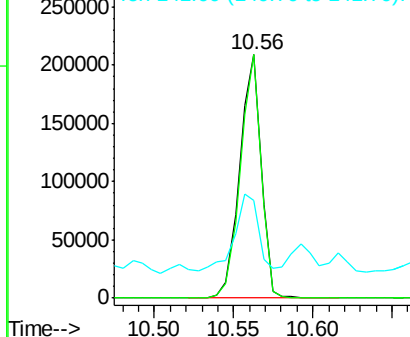
Lab File: BF102181.D

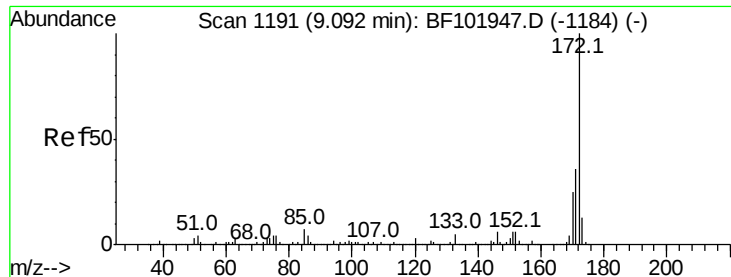
Acq: 18 Jan 2018 6:22

Tgt Ion:	330	Resp:	195424
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.0	115.6
141	34.1	29.9	44.9



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





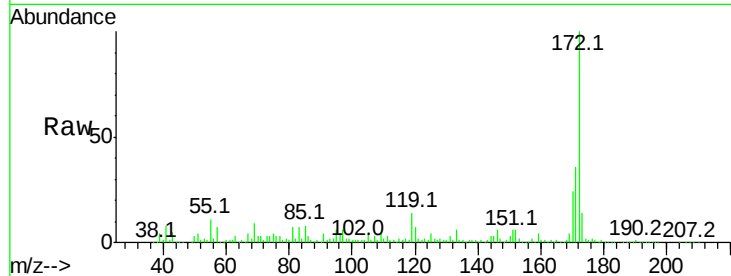
#44
2-Fluorobiphenyl
Concen: 86.685 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.01 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Instrument :
BNA_F
ClientSampled :
DS-2

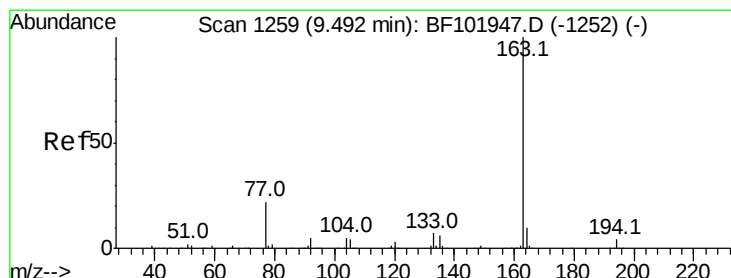
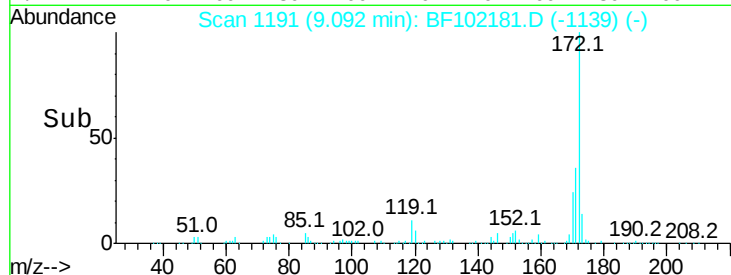
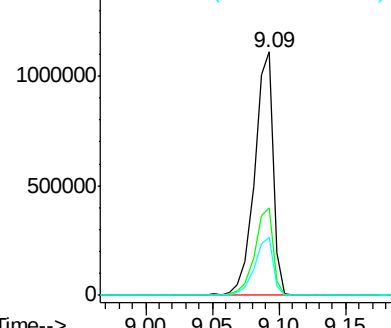
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.7	19.6	29.4

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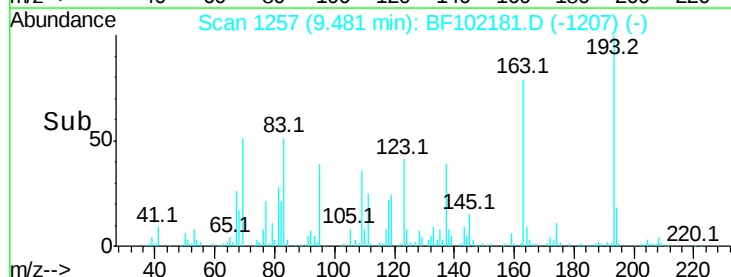
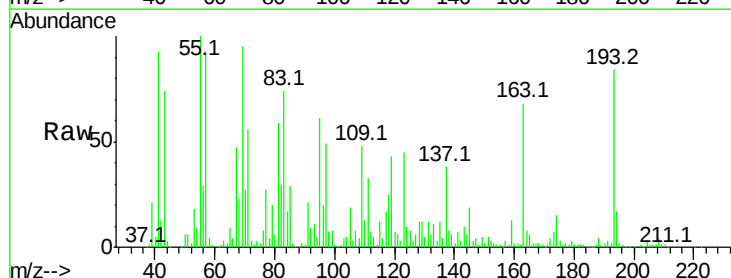
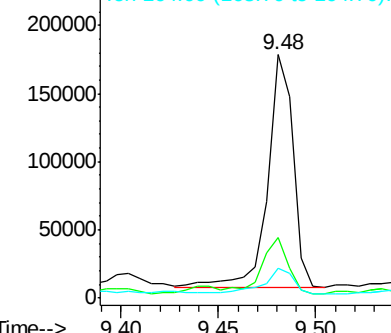
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

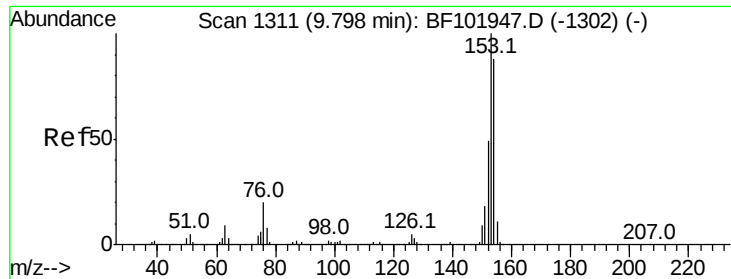


#49
Dimethylphthalate
Concen: 9.895 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	25.0	2.7	4.1#
164	12.0	8.2	12.2

Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 4.208 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF102181.D

Acq: 18 Jan 2018 6:22

Instrument :

BNA_F

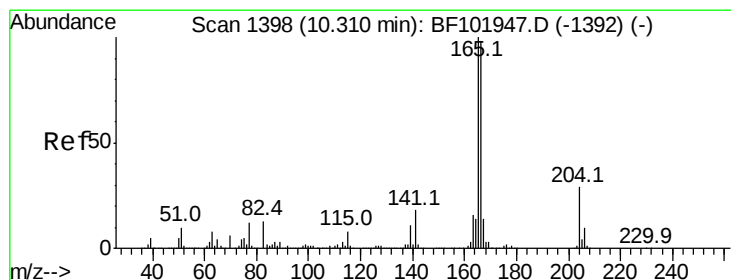
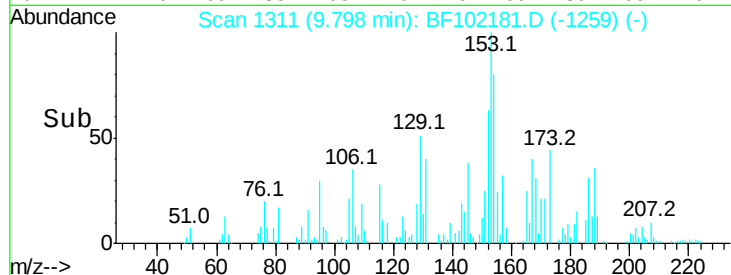
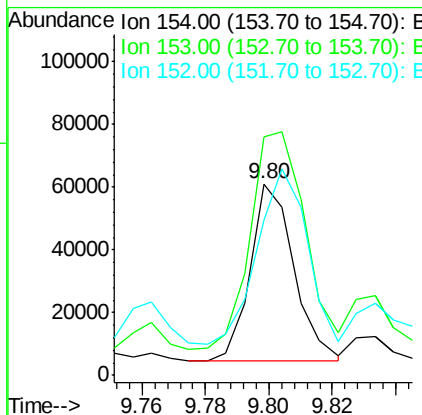
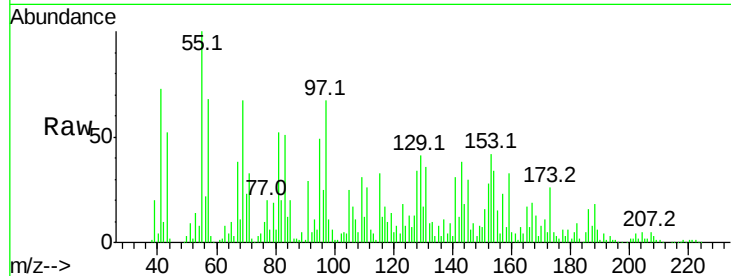
ClientSampled :

DS-2

Tot Ion	Ratio	Lower	Upper
154	100		
153	124.2	91.2	136.8
152	80.9	43.8	65.8

Manual Integrations
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#57

Fluorene

Concen: 18.673 ng

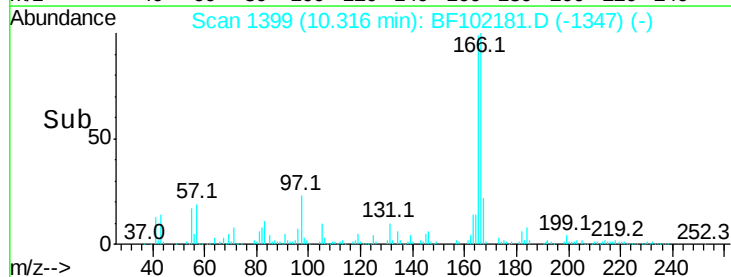
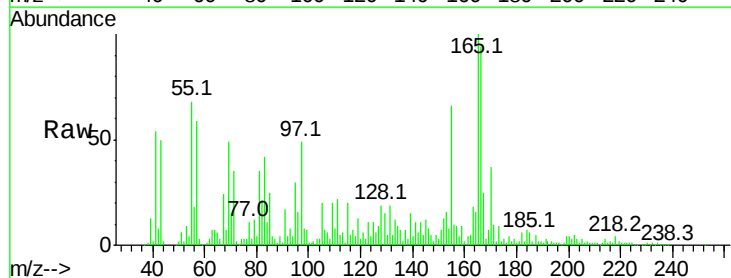
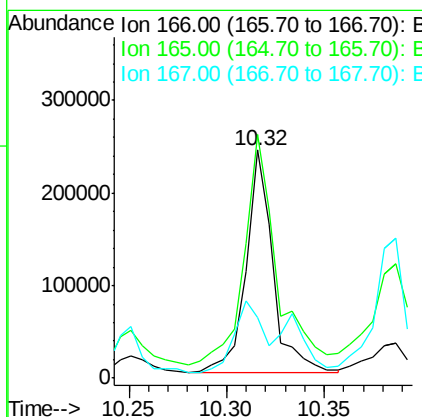
RT: 10.32 min Scan# 1399

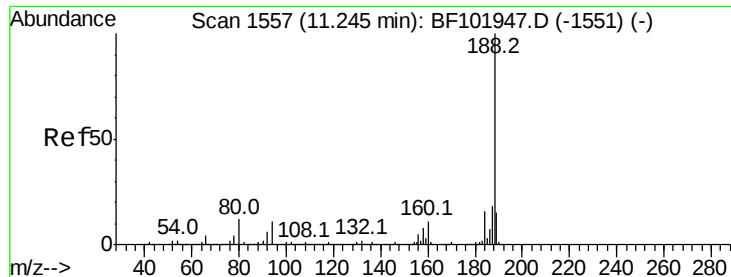
Delta R.T. 0.01 min

Lab File: BF102181.D

Acq: 18 Jan 2018 6:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.8	79.8	119.8
167	26.5	10.6	16.0





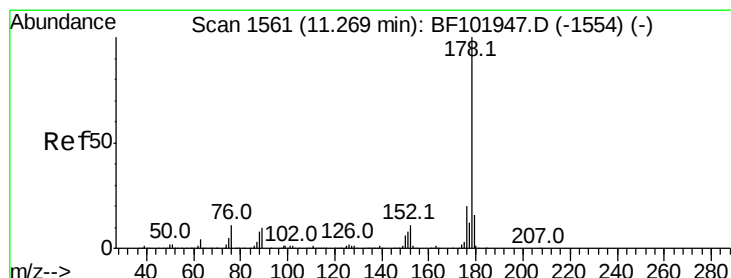
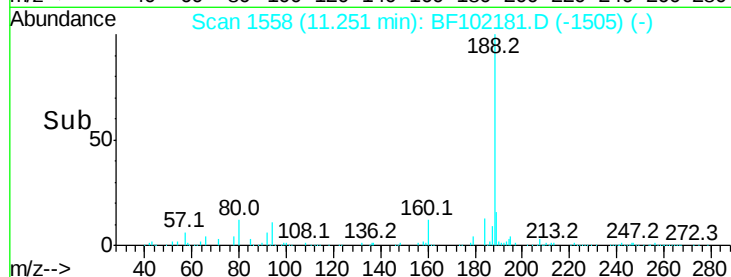
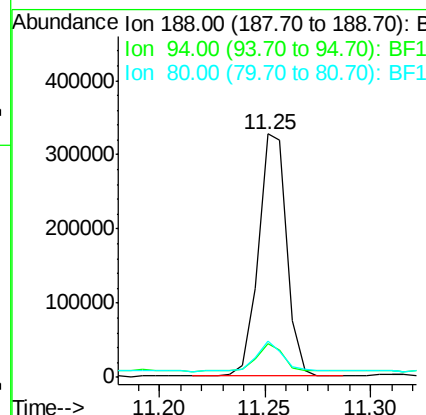
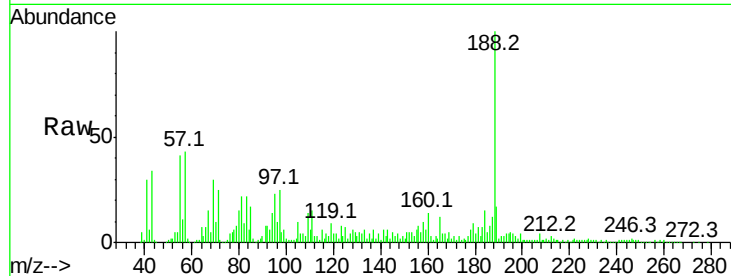
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Instrument :
BNA_F
ClientSampled :
DS-2

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.7	8.5	12.7#
80	14.9	9.2	13.8#

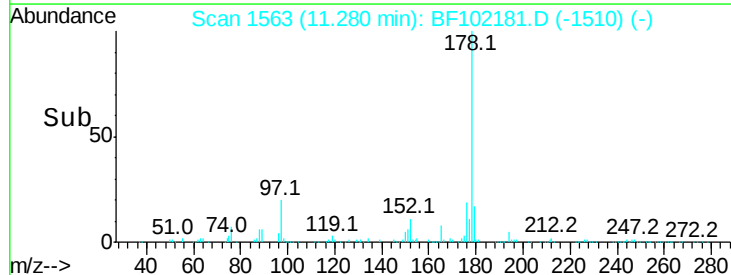
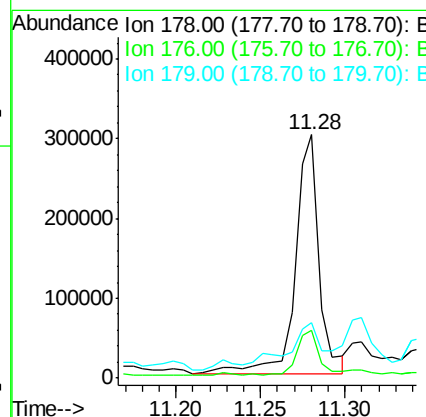
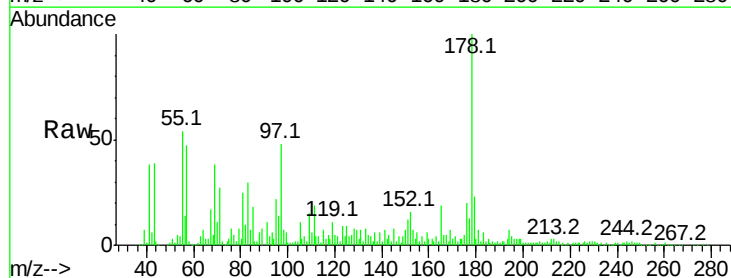
Manual Integrations
APPROVED

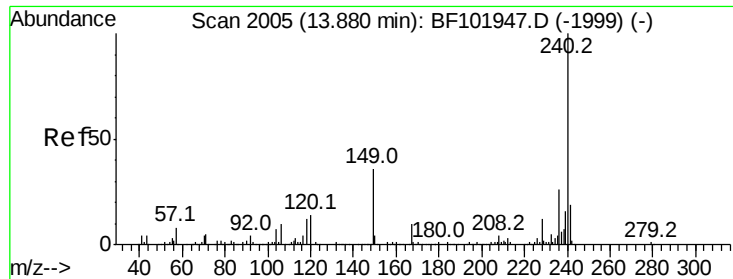
Sohil
1/18/2018 11:12:56 AM



#70
Phenanthrene
Concen: 16.530 ng
RT: 11.28 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF102181.D
Acq: 18 Jan 2018 6:22

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.7	15.8	23.8
179	22.6	13.0	19.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102181.D

Acq: 18 Jan 2018 6:22

Instrument :

BNA_F

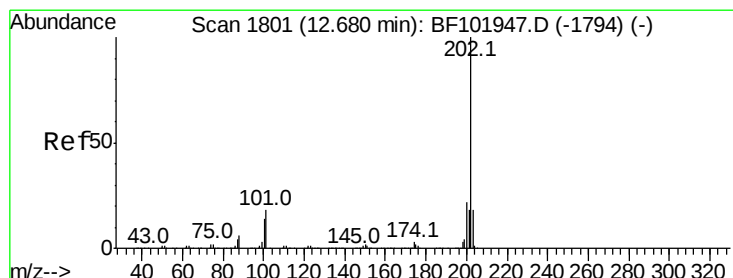
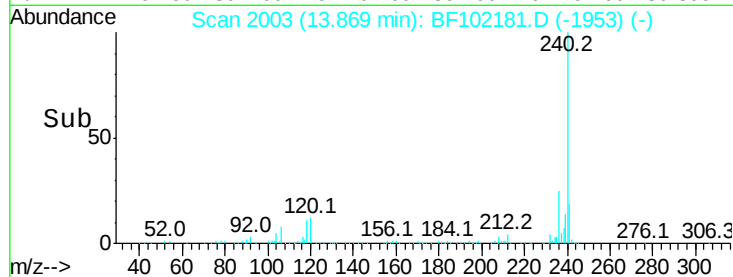
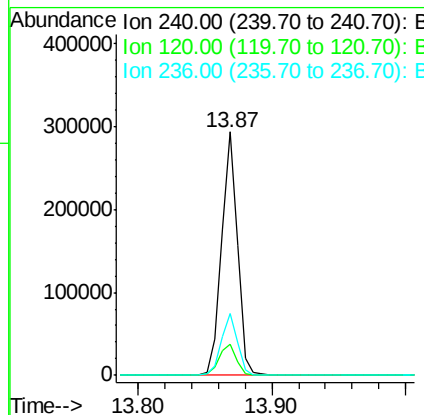
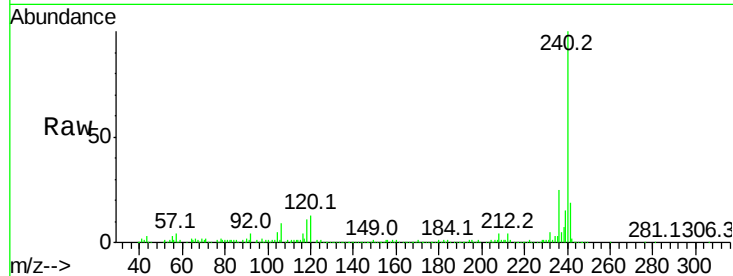
ClientSampleId :

DS-2

Tot Ion:	240	Resp:	248225
Ion Ratio	Lower	Upper	
240	100		
120	12.7	9.5	14.3
236	25.4	20.7	31.1

Manual Integrations
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1/18/2018 11:12:56 AM



#77

Pyrene

Concen: 3.068 ng

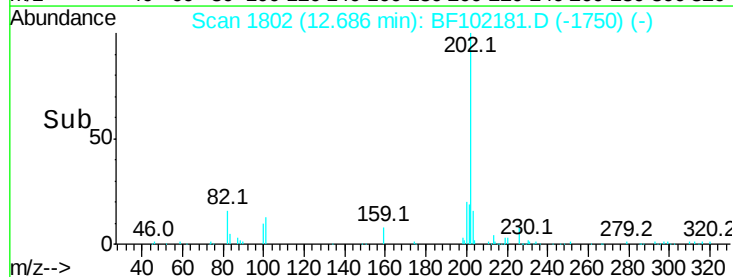
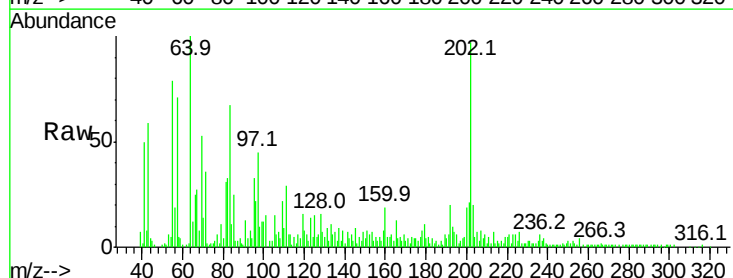
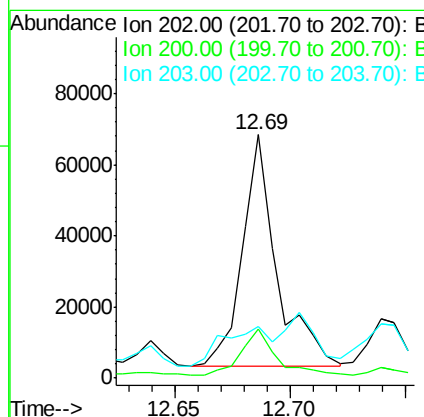
RT: 12.69 min Scan# 1802

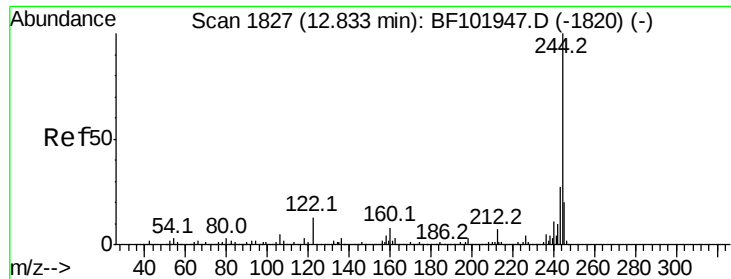
Delta R.T. 0.01 min

Lab File: BF102181.D

Acq: 18 Jan 2018 6:22

Tgt Ion:	202	Resp:	67307
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	21.2	14.3	21.5





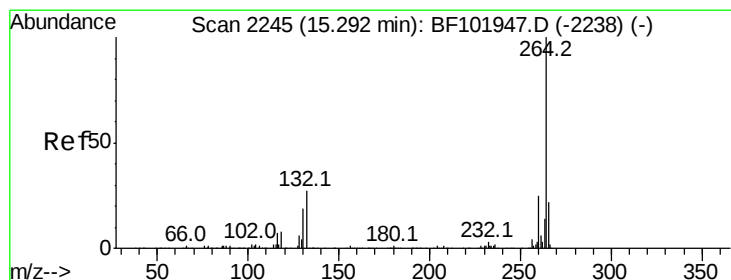
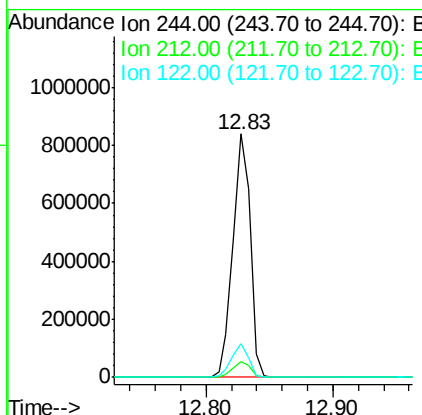
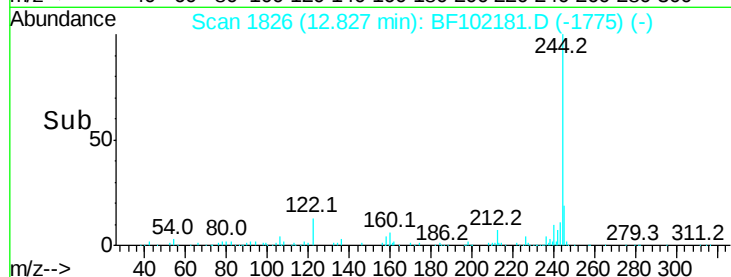
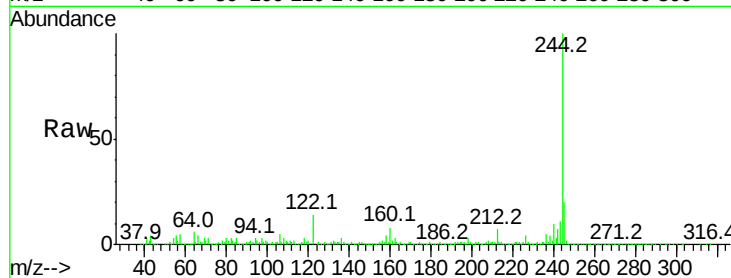
#78
 Terphenyl-d14
 Concen: 65.742 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF102181.D
 Acq: 18 Jan 2018 6:22

Instrument :
 BNA_F
 ClientSampleId :
 DS-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4

Manual Integrations
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Sohil
 1/18/2018 11:12:56 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102181.D
 Acq: 18 Jan 2018 6:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.5	26.3

