

Data File : BF101845.D
Acq On : 2 Jan 2018 12:36
Operator : SJ/JU
Sample : I6686-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-122817

Manual Integrations
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Sohil
1/3/2018 10:26:12 AM

Quant Time: Jan 02 13:24:28 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	137162	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	525961	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	211174	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	321191	20.00	ng	0.00
75) Chrysene-d12	13.97	240	282889	20.00	ng	0.00
86) Perylene-d12	15.44	264	281677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	477653	51.87	ng	0.00
7) Phenol-d6	6.43	99	561603	49.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	326667	34.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	86832	42.67	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	517388	38.01	ng	0.00
78) Terphenyl-d14	12.90	244	350885	29.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	71476	4.21	ng	Qvalue # 99
70) Phenanthrene	11.33	178	128455	7.19	ng	98
74) Fluoranthene	12.54	202	94960	5.06	ng	96
77) Pyrene	12.79	202	93797	4.42	ng	98
87) Benzo(b)fluoranthene	15.02	252	42763m	2.49	ng	

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

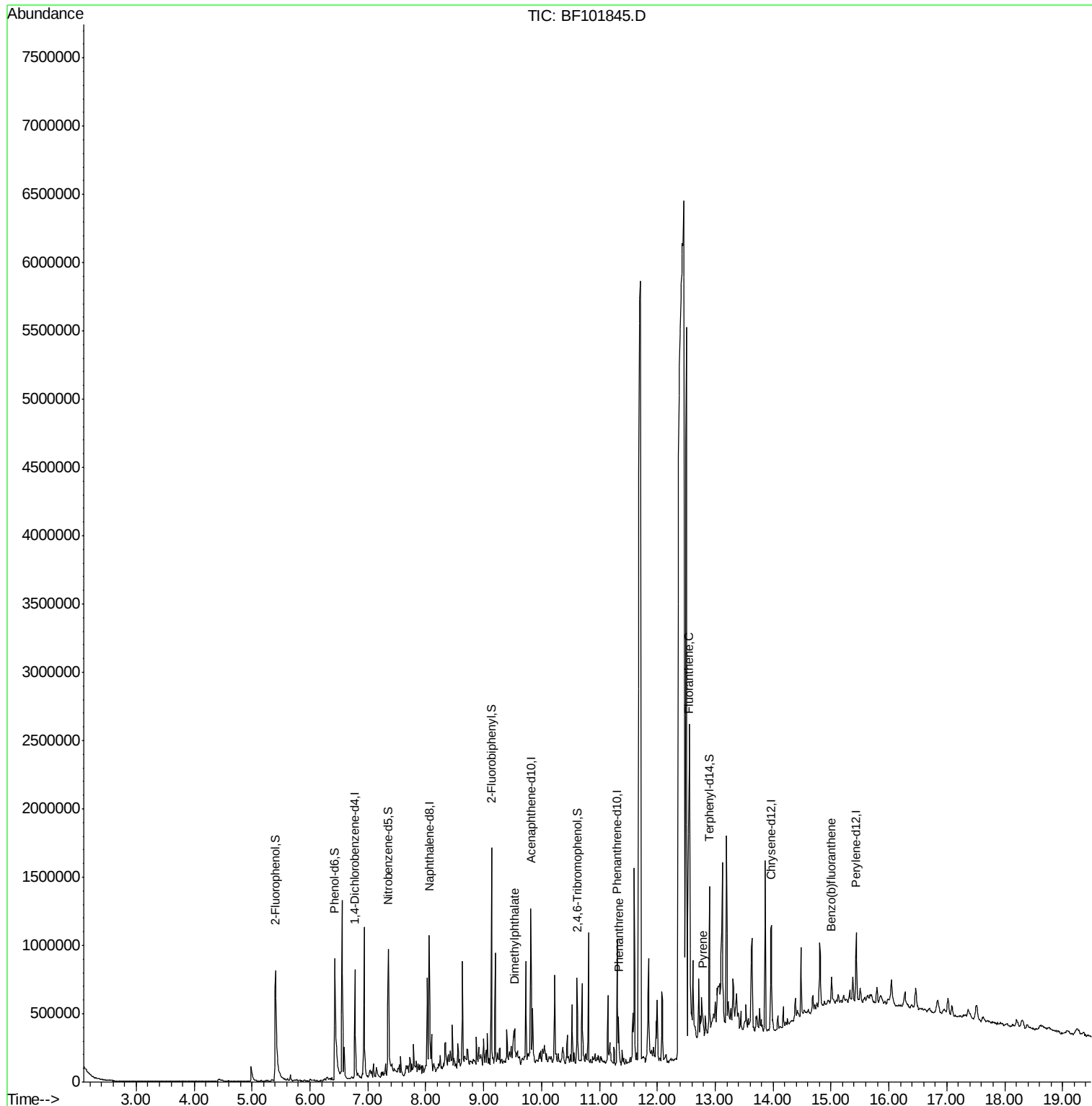
Data File : BF101845.D
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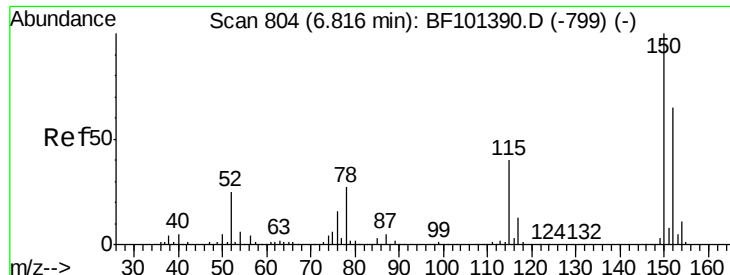
Instrument :
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TR-05-122817

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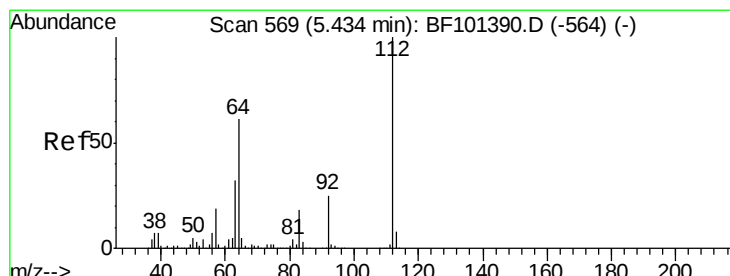
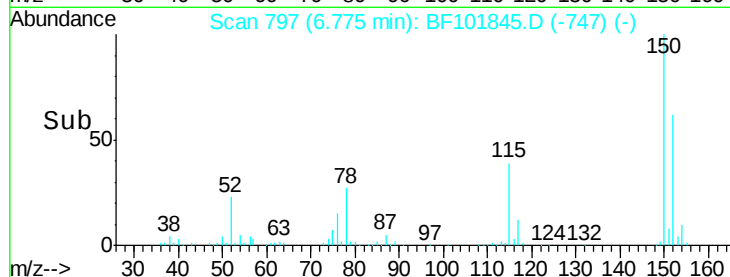
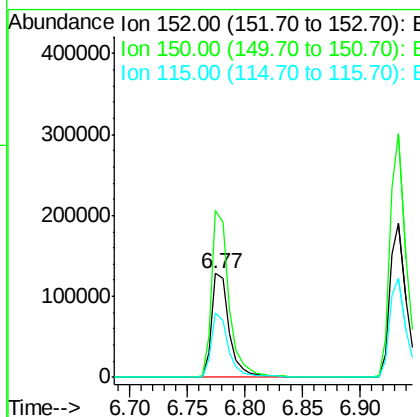
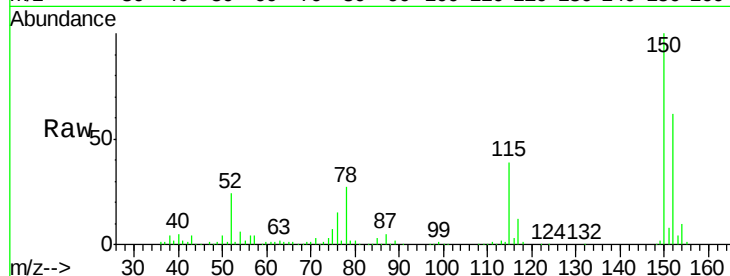
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF101845.D
 Acq: 2 Jan 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122817

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	62.6	50.1	75.1

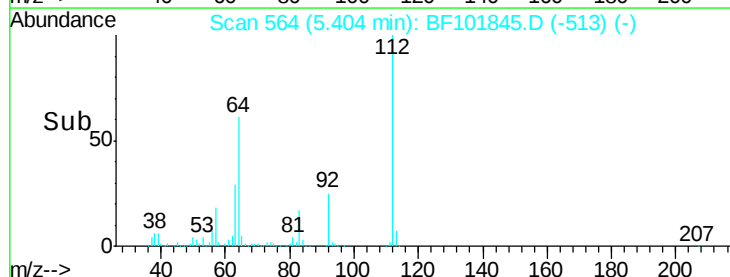
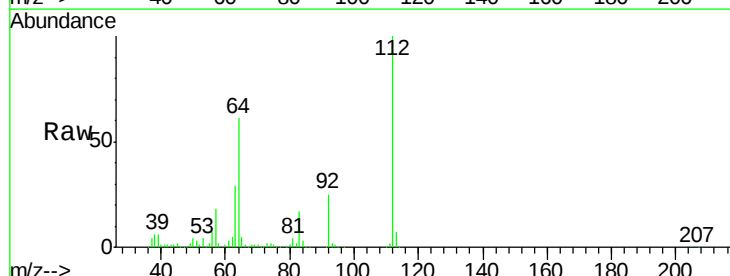
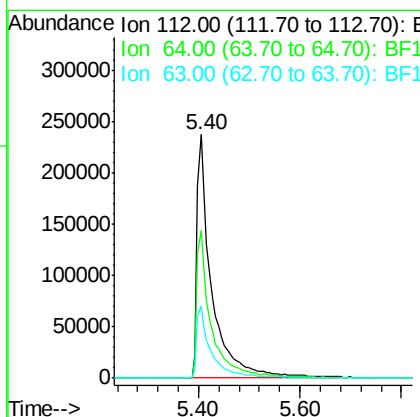
Manual Integrations
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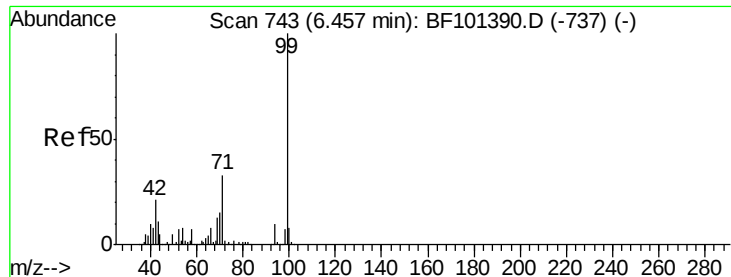
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#5
 2-Fluorophenol
 Concen: 51.87 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF101845.D
 Acq: 2 Jan 2018 12:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	29.4	23.7	35.5





#7

Phenol-d6

Concen: 49.01 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

Instrument :

BNA_F

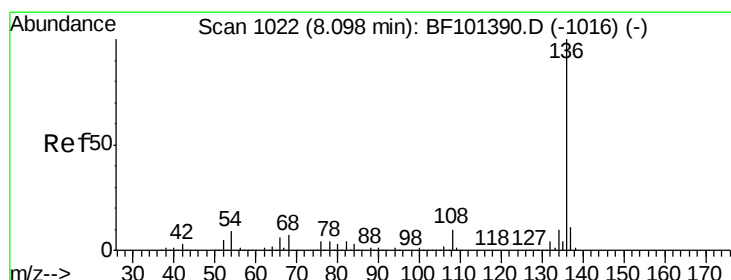
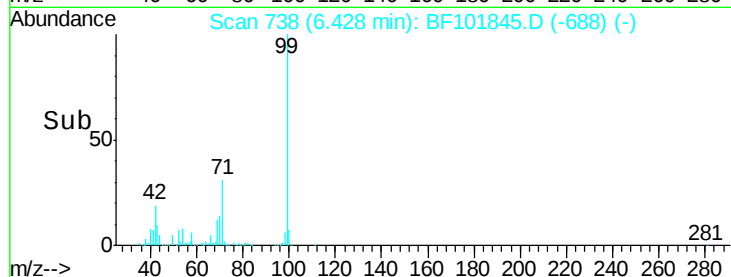
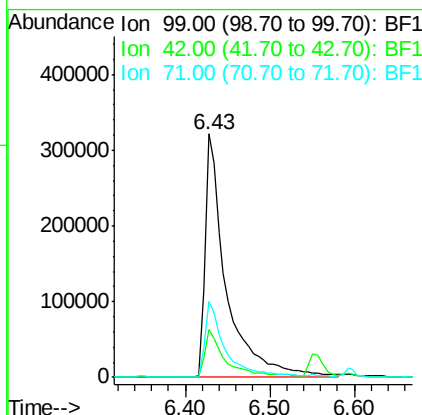
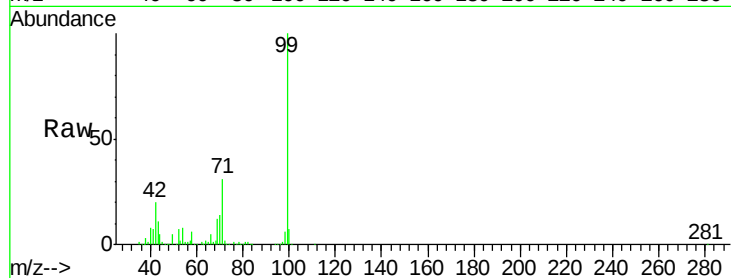
ClientSampleId :

TR-05-122817

Tgt Ion:	99	Resp:	561603
Ion Ratio	Lower	Upper	
99	100		
42	19.6	14.5	21.7
71	31.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.00 ng

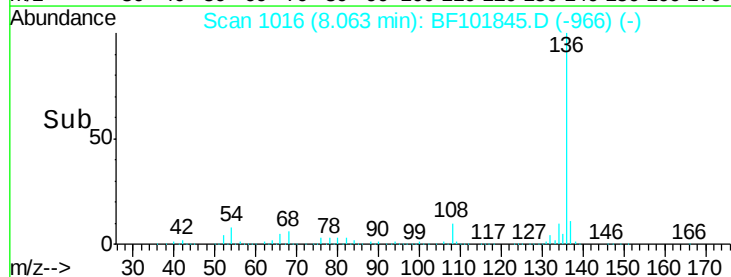
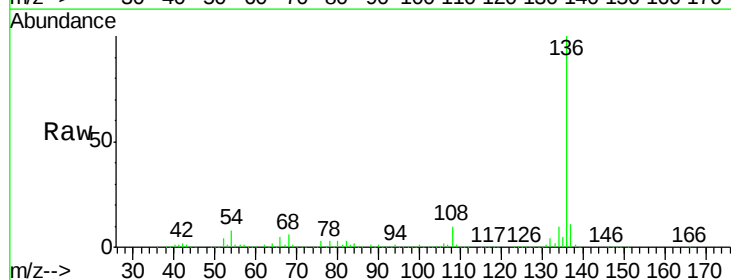
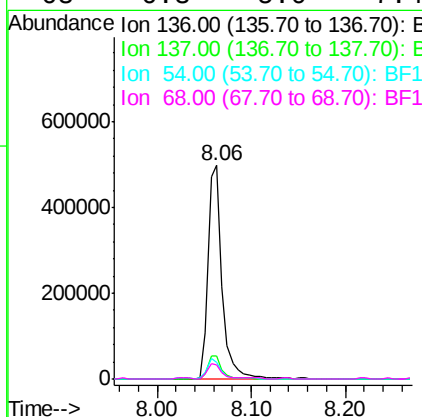
RT: 8.06 min Scan# 1016

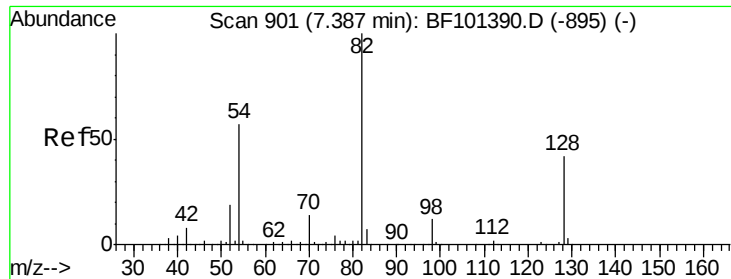
Delta R.T. -0.01 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

Tgt Ion:	136	Resp:	525961
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	6.3	5.0	7.4





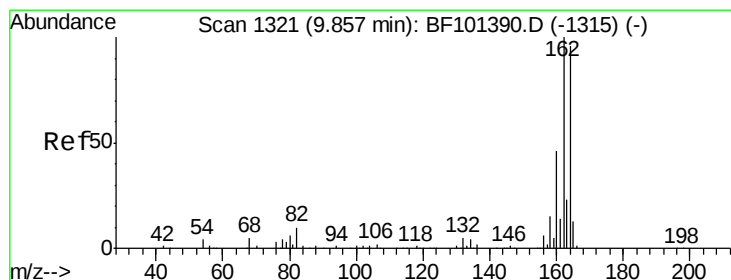
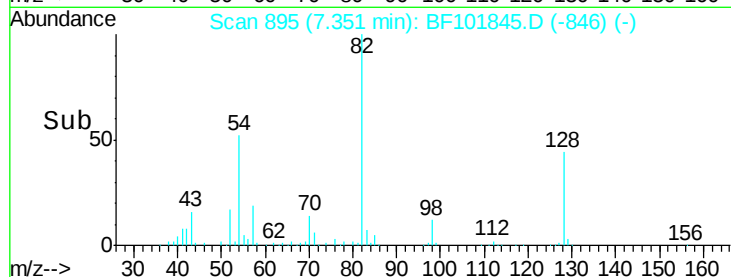
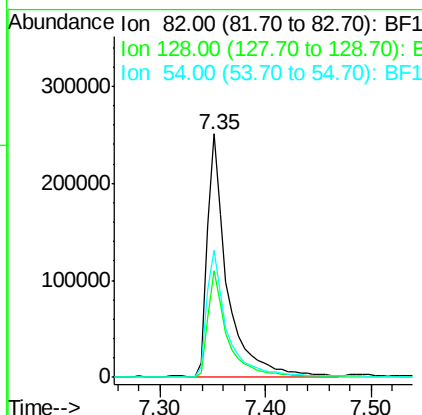
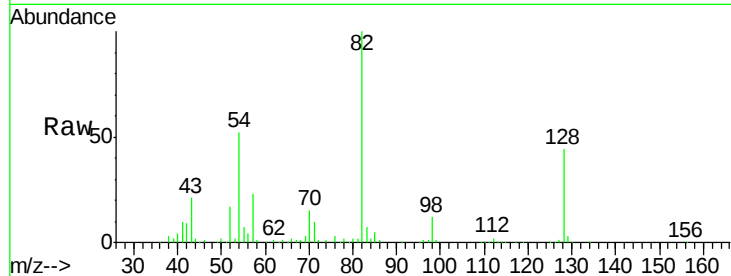
#23
 Nitrobenzene-d5
 Concen: 34.57 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF101845.D
 Acq: 2 Jan 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122817

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	52.4	41.4	62.2

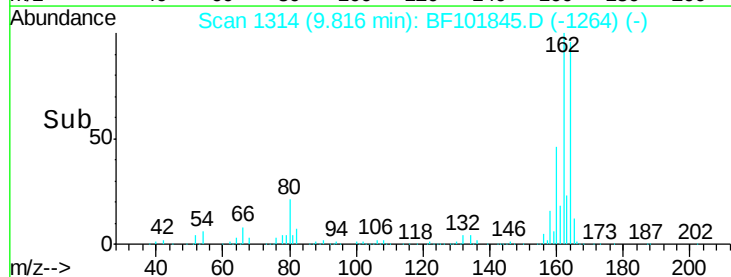
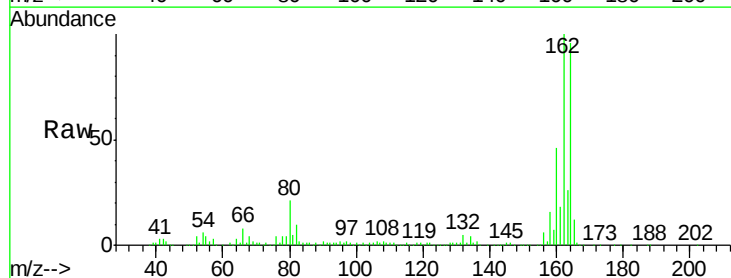
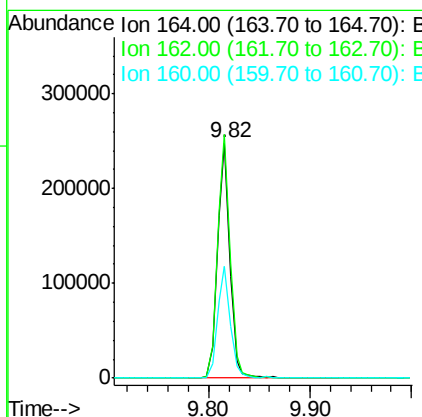
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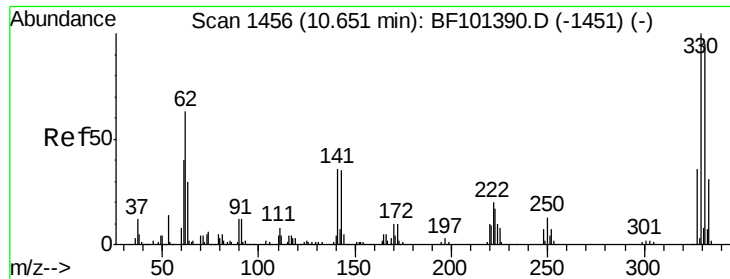
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF101845.D
 Acq: 2 Jan 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	47.6	38.3	57.5





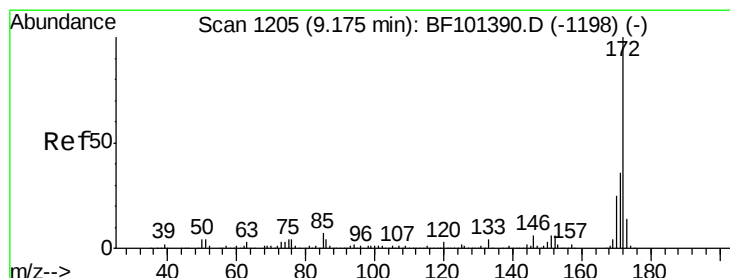
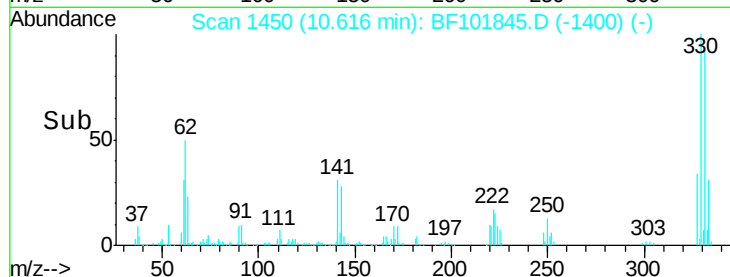
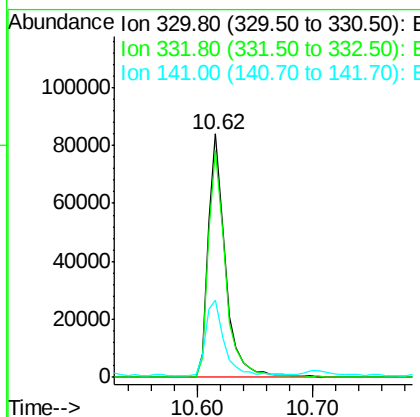
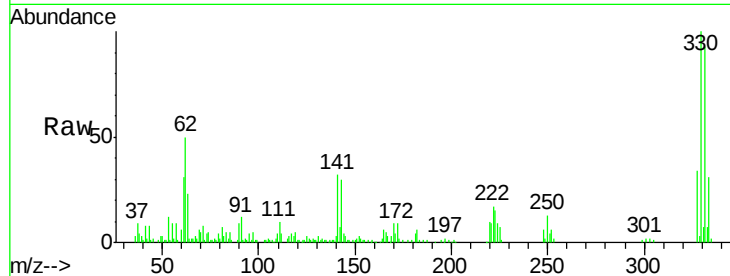
#41
 2,4,6-Tribromophenol
 Concen: 42.67 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101845.D
 Acq: 2 Jan 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122817

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	86832		
332	93.8	77.0	115.6	
141	33.3	29.9	44.9	

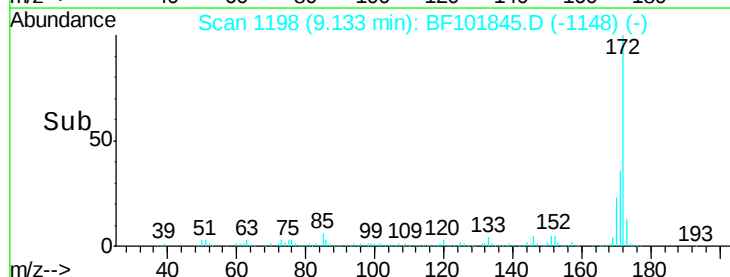
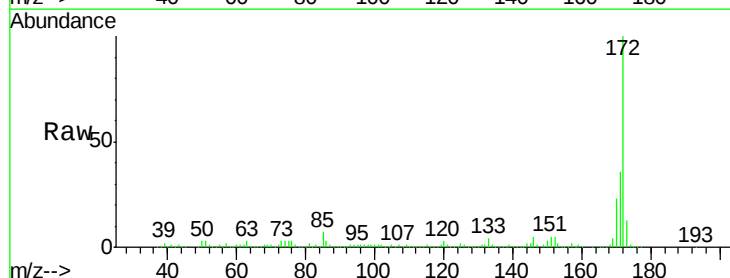
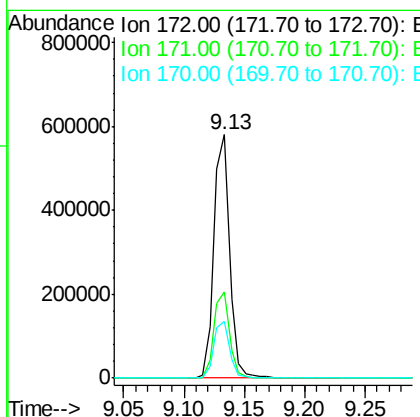
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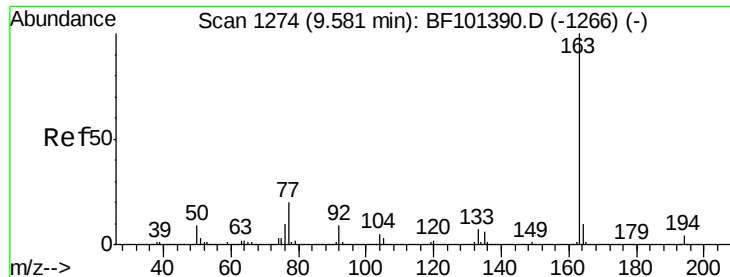
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#44
 2-Fluorobiphenyl
 Concen: 38.01 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF101845.D
 Acq: 2 Jan 2018 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	517388		
171	35.5	29.7	44.5	
170	23.3	19.6	29.4	





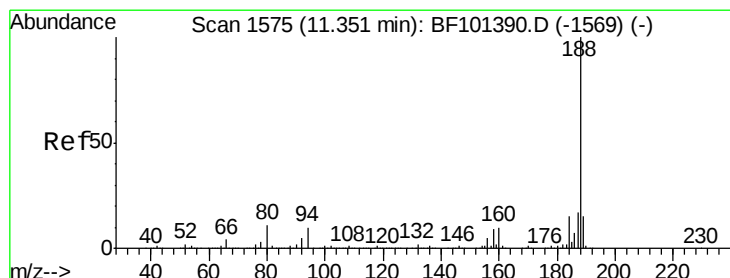
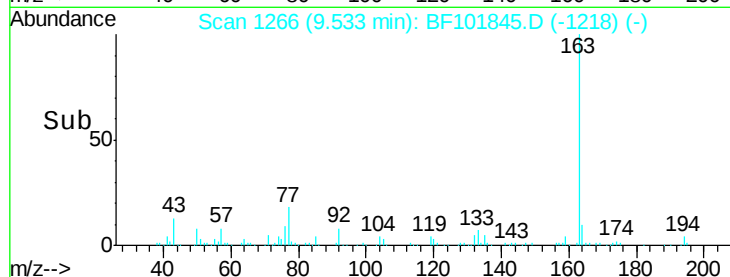
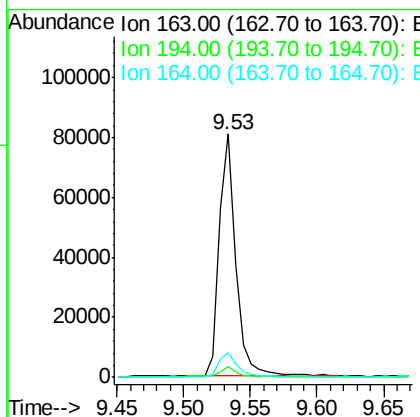
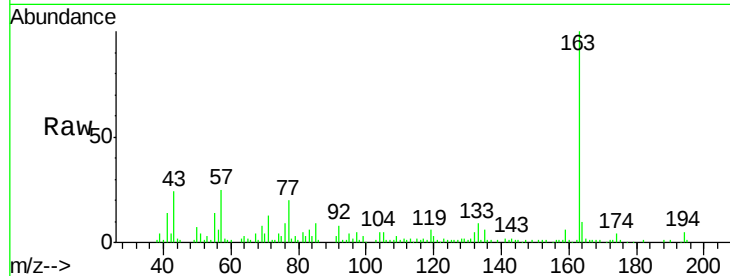
#49
Dimethylphthalate
Concen: 4.21 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101845.D
Acq: 2 Jan 2018 12:36

Instrument :
BNA_F
ClientSampleId :
TR-05-122817

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	10.3	8.2	12.2

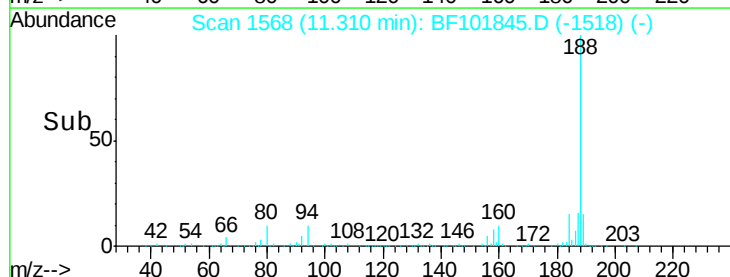
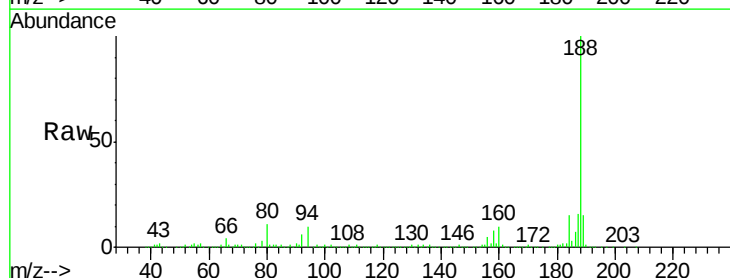
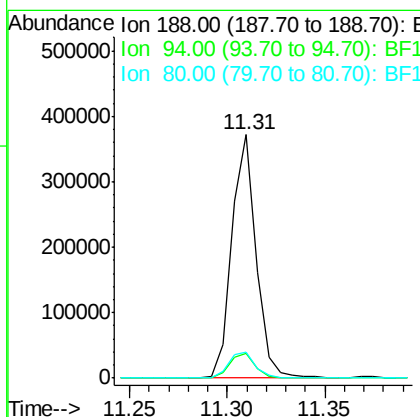
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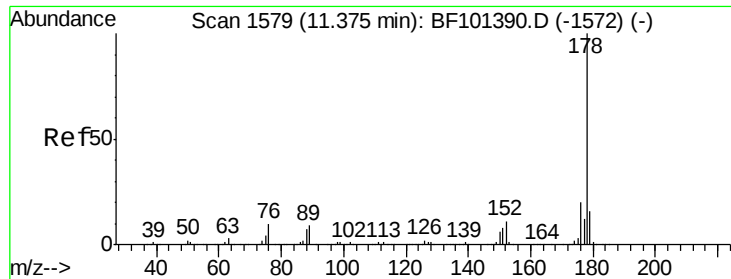
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF101845.D
Acq: 2 Jan 2018 12:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	9.2	13.8





#70

Phenanthrene

Concen: 7.19 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

Instrument :

BNA_F

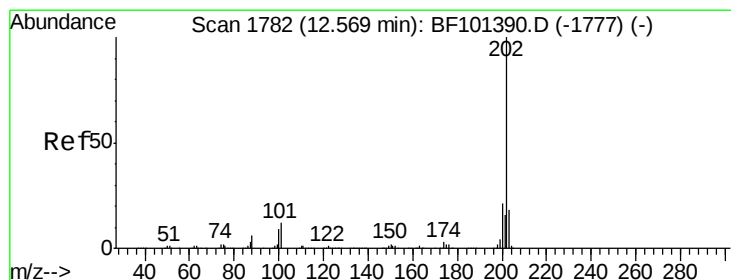
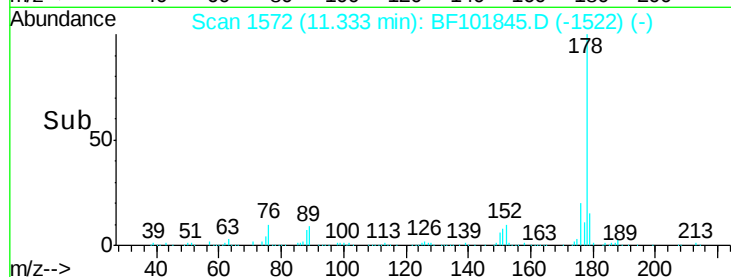
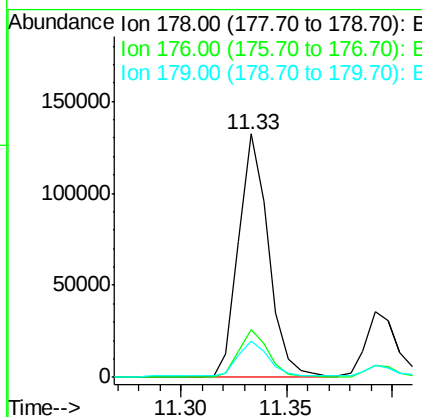
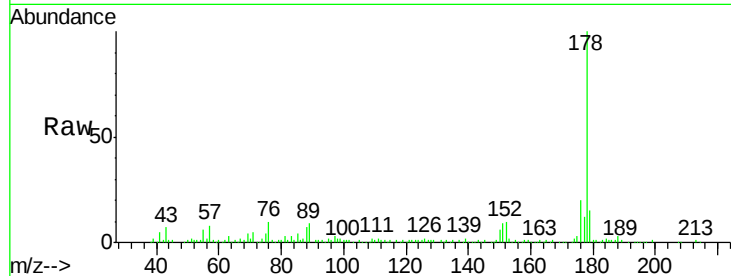
ClientSampleId :

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Tgt Ion:	178	Resp:	128455
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	15.0	13.0	19.6

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#74

Fluoranthene

Concen: 5.06 ng

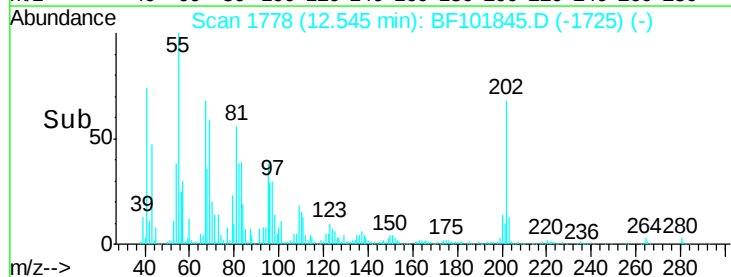
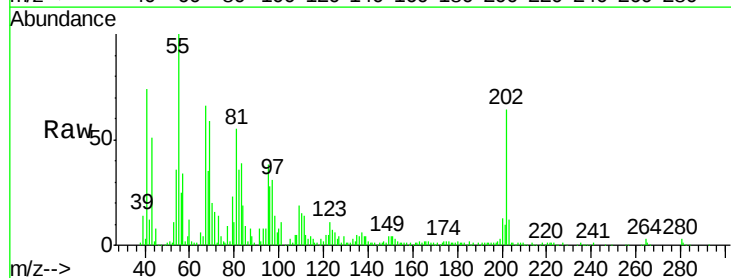
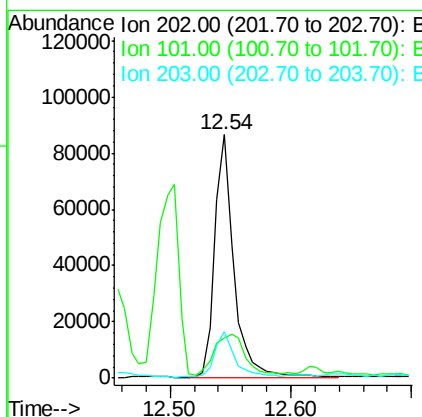
RT: 12.54 min Scan# 1778

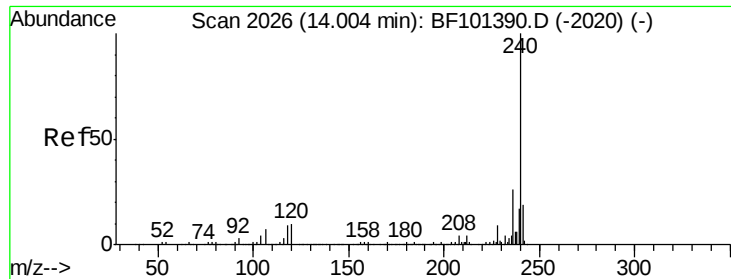
Delta R.T. 0.01 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

Tgt Ion:	202	Resp:	94960
Ion Ratio	Lower	Upper	
202	100		
101	16.6	0.0	34.1
203	18.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

Instrument :

BNA_F

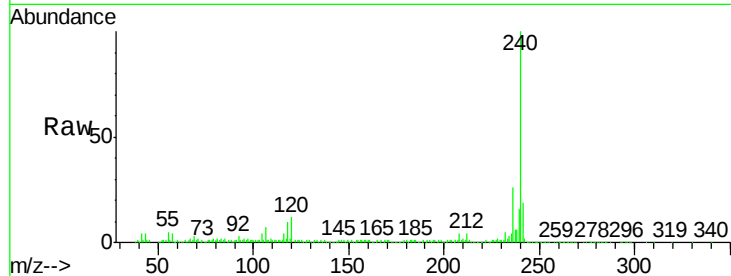
ClientSampleId :

TR-05-122817

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		282889		
120	11.6	9.5	14.3		
236	26.0	20.7	31.1		

Manual Integrations
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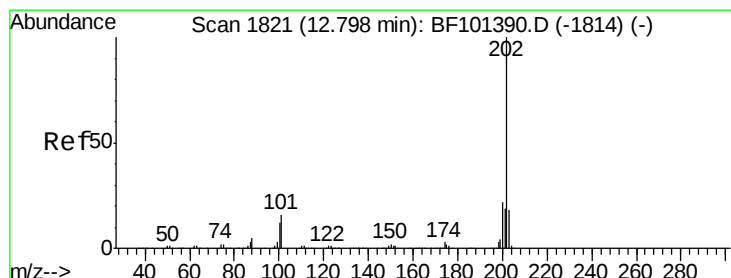
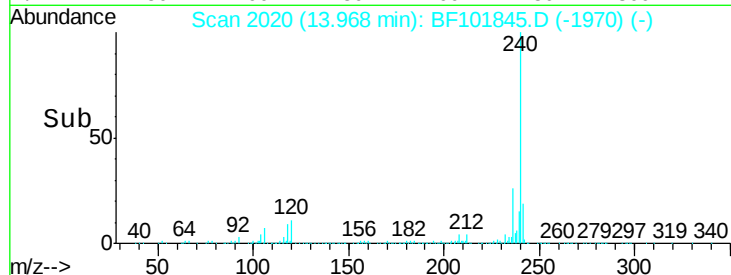
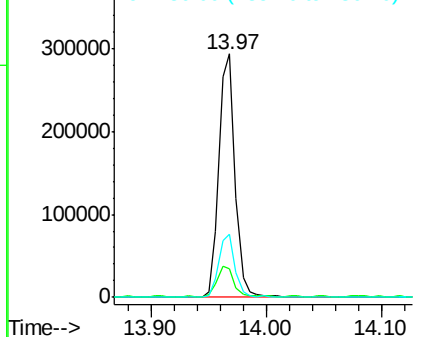
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.42 ng

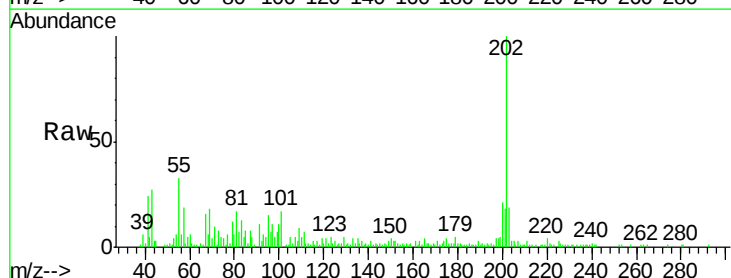
RT: 12.79 min Scan# 1819

Delta R.T. 0.02 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

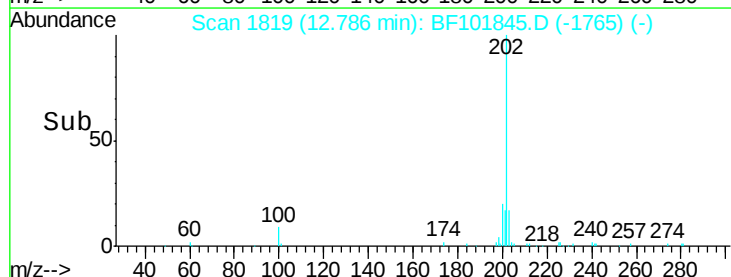
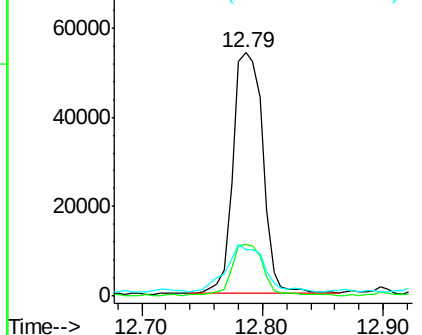
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		93797		
200	21.0	17.4	26.2		
203	19.3	14.3	21.5		

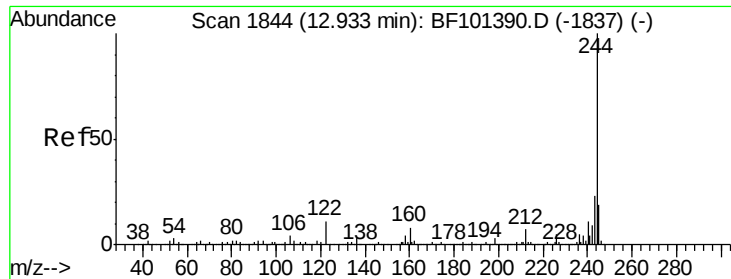


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 29.90 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

Instrument :

BNA_F

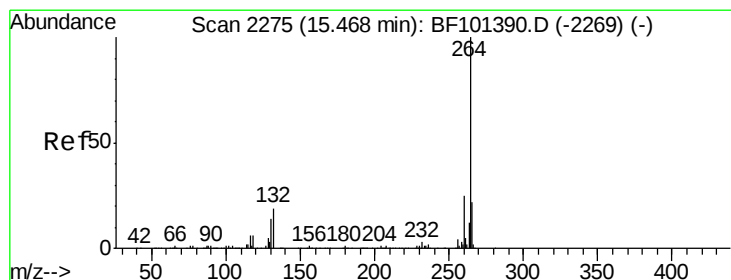
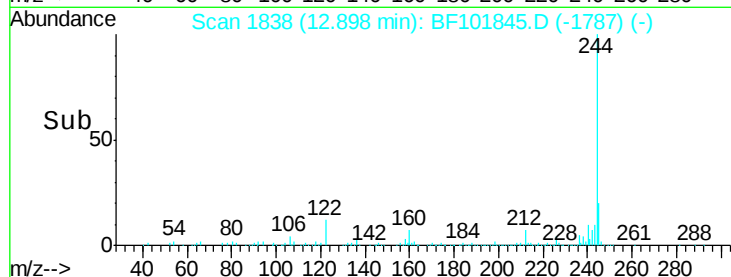
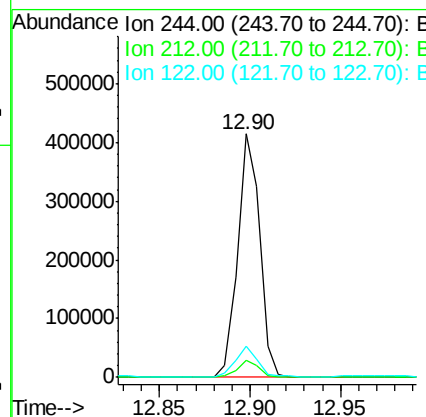
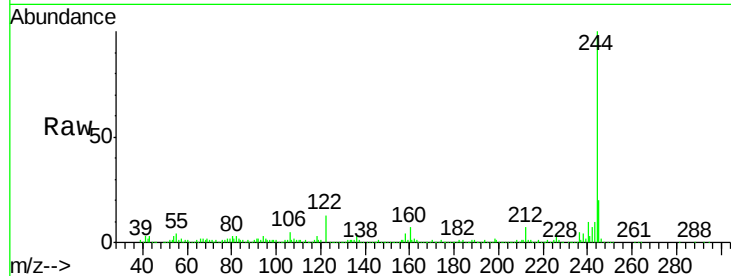
ClientSampleId :

TR-05-122817

Tgt Ion:	244	Resp:	350885
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.6	11.0	16.4

Manual Integrations
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Sohil
1/3/2018 10:26:12 AM



#86

Perylene-d12

Concen: 20.00 ng

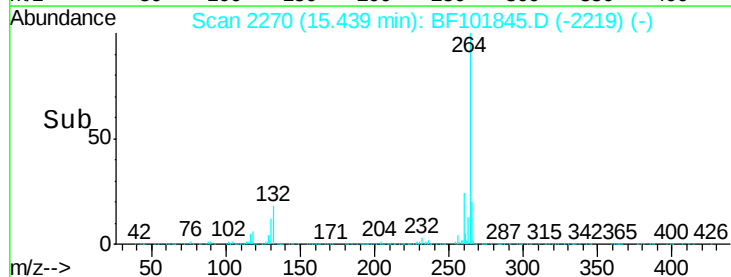
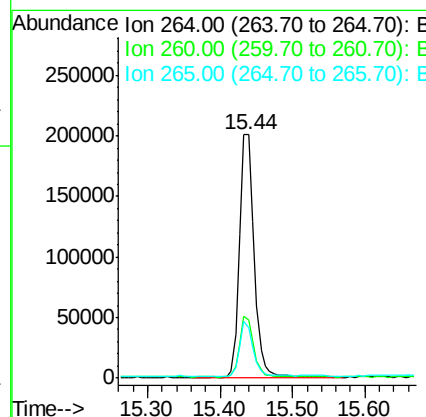
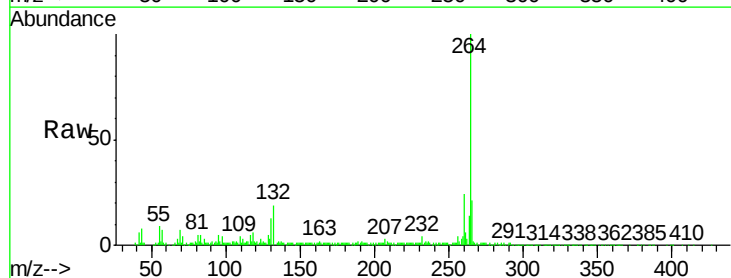
RT: 15.44 min Scan# 2270

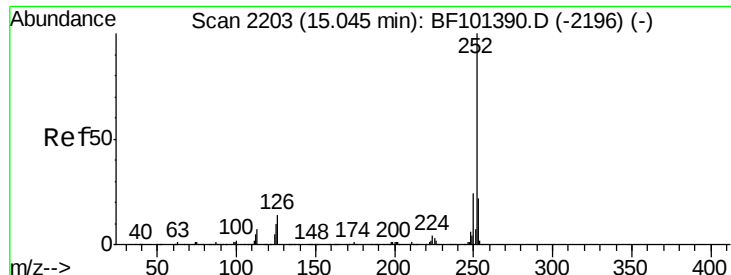
Delta R.T. -0.00 min

Lab File: BF101845.D

Acq: 2 Jan 2018 12:36

Tgt Ion:	264	Resp:	281677
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.9	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.49 ng m
 RT: 15.02 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BF101845.D
 Acq: 2 Jan 2018 12:36

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-122817

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.0	25.6#
125	25.3	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 1/3/2018 10:26:12 AM

