

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101818.D
 Acq On : 29 Dec 2017 10:19
 Operator : SJ/JU
 Sample : I7000-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-2(0-2.5)

Manual Integrations
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Quant Time: Dec 29 14:02:42 2017
 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	6.78	152	157586	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	621627	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	270333	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	483276	20.00	ng	0.00
75) Chrysene-d12	13.96	240	313374	20.00	ng	-0.01
86) Perylene-d12	15.43	264	318737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	789462	74.62	ng	0.00
7) Phenol-d6	6.43	99	980451	74.47	ng	0.00
23) Nitrobenzene-d5	7.35	82	588561	52.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	195780	75.16	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	850307	48.79	ng	0.00
78) Terphenyl-d14	12.89	244	636853	48.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	101207	4.654	ng	99
70) Phenanthrene	11.34	178	125824	4.682	ng	99
74) Fluoranthene	12.53	202	146297	5.186	ng	97
77) Pyrene	12.76	202	118764	5.050	ng	99
80) Benzo(a)anthracene	13.96	228	52638	2.544	ng	97
82) Chrysene	13.99	228	52299	2.677	ng	98
87) Benzo(b)fluoranthene	15.01	252	65342m	3.363	ng	
89) Benzo(a)pyrene	15.38	252	43421	2.424	ng	97

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

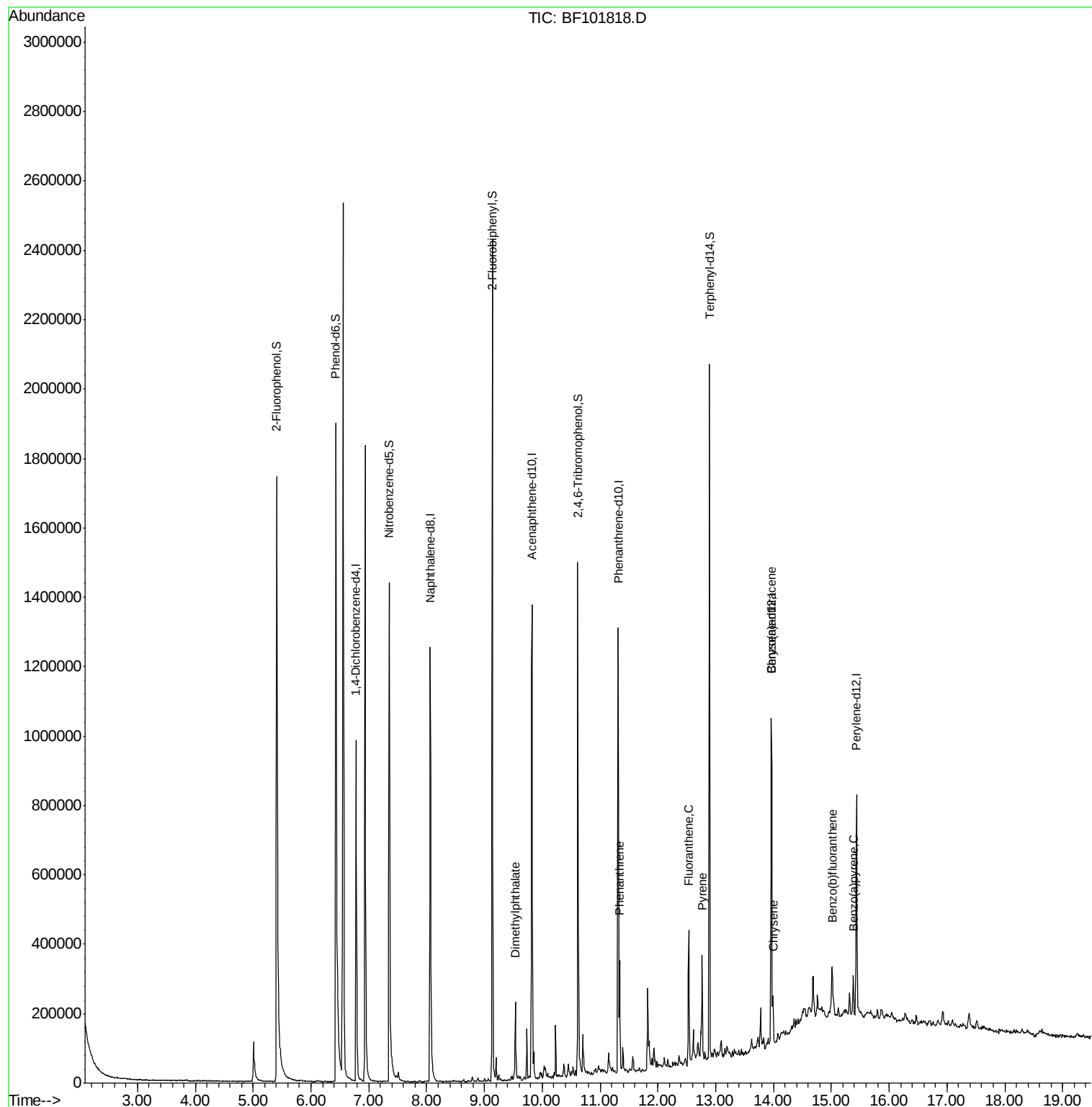
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

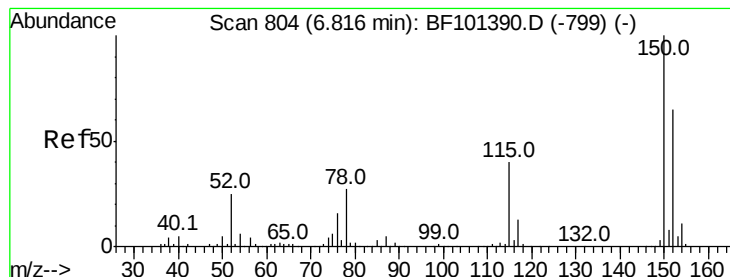
Instrument :
BNA_F
ClientSampleId :
TP-15-2(0-2.5)

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#1

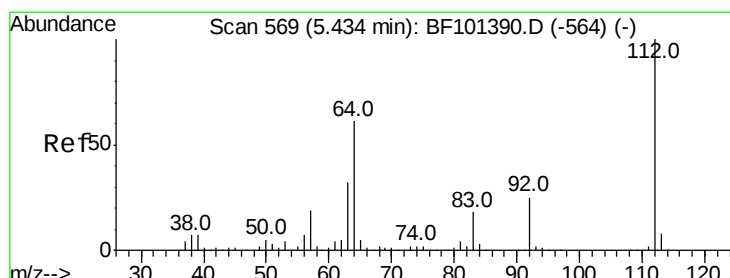
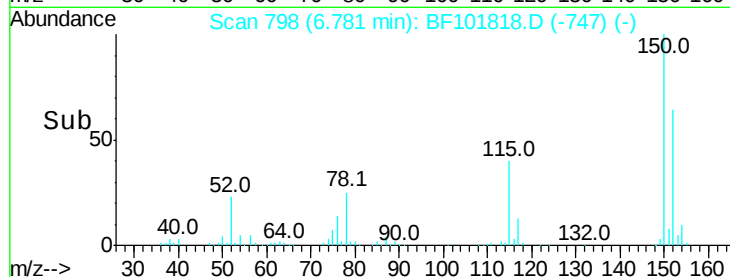
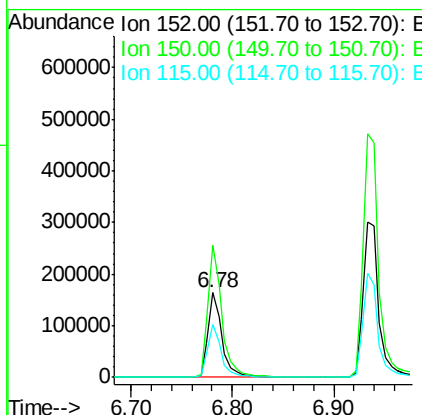
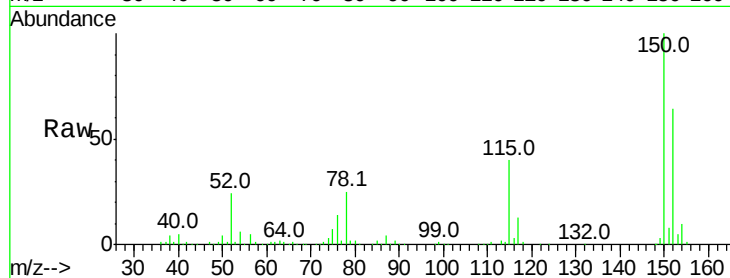
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF101818.D
Acq: 29 Dec 2017 10:19

Instrument :
BNA_F
ClientSampleId :
TP-15-2(0-2.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	62.0	50.1	75.1

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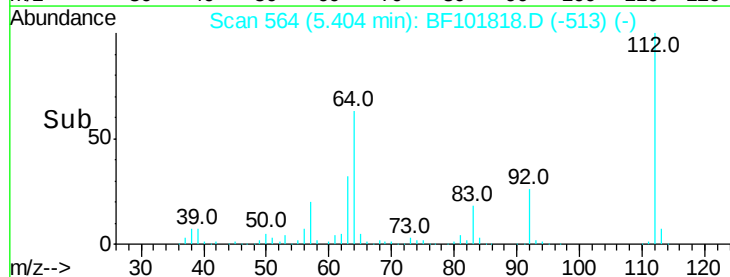
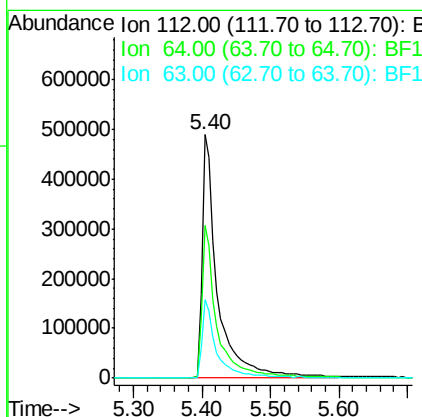
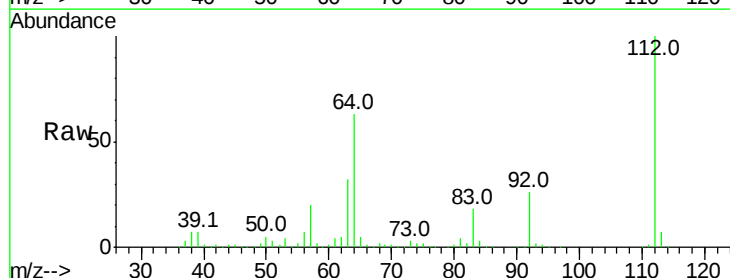
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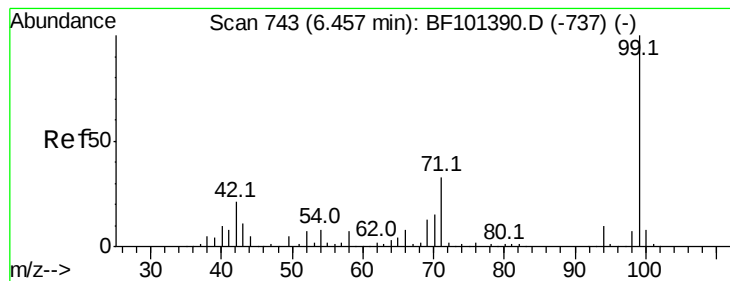


#5

2-Fluorophenol
Concen: 74.624 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF101818.D
Acq: 29 Dec 2017 10:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	32.1	23.7	35.5





#7

Phenol-d6

Concen: 74.467 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Instrument :

BNA_F

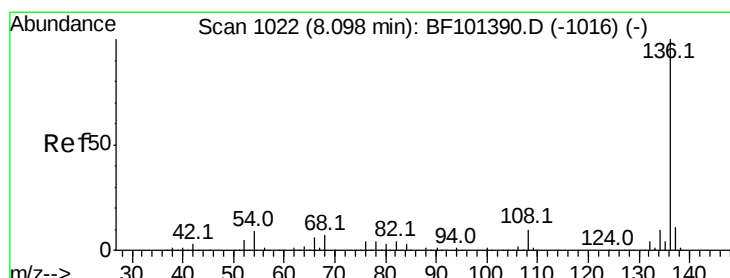
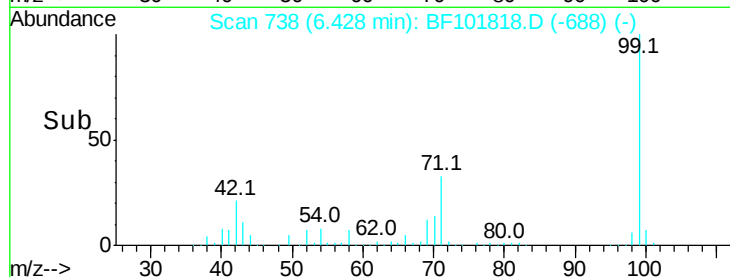
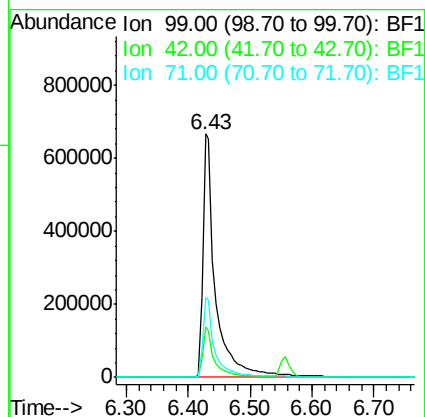
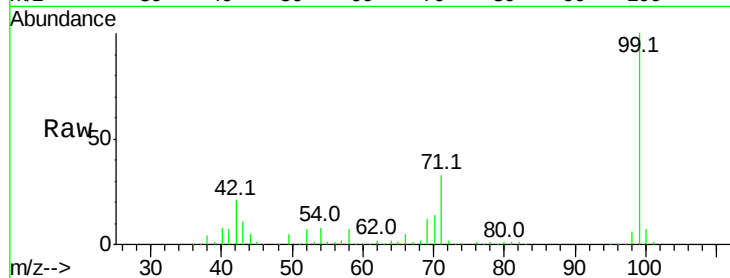
ClientSampleId :

TP-15-2(0-2.5)

Tot Ion:	99	Resp:	980451
Ion Ratio	Lower	Upper	
99	100		
42	20.9	14.5	21.7
71	32.8	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

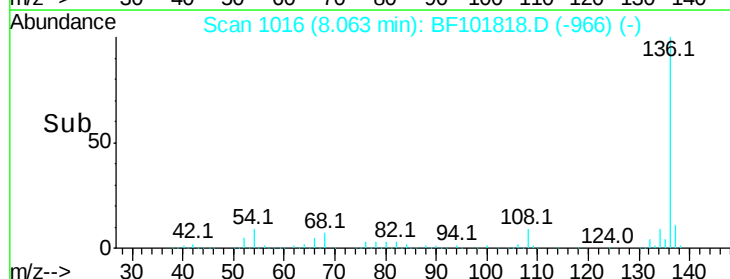
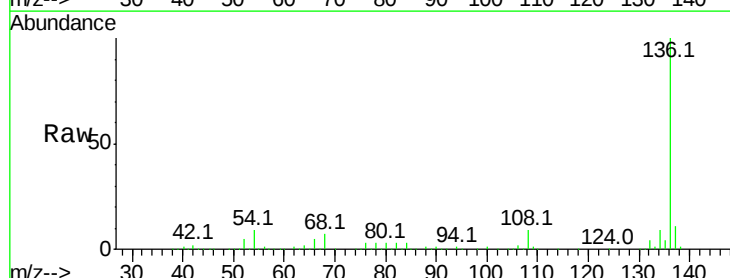
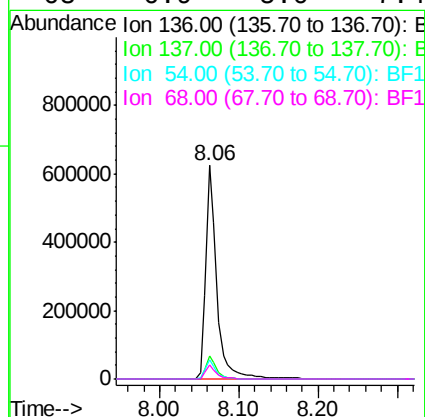
RT: 8.06 min Scan# 1016

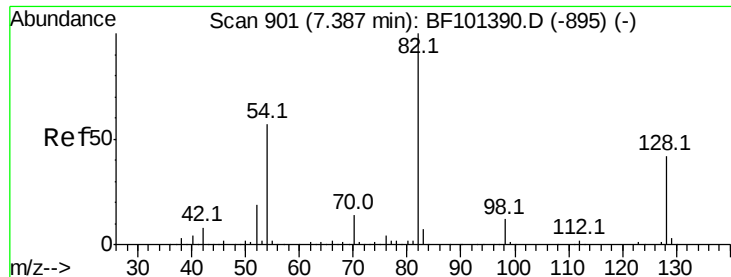
Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Tgt Ion:	136	Resp:	621627
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.9	5.0	7.4





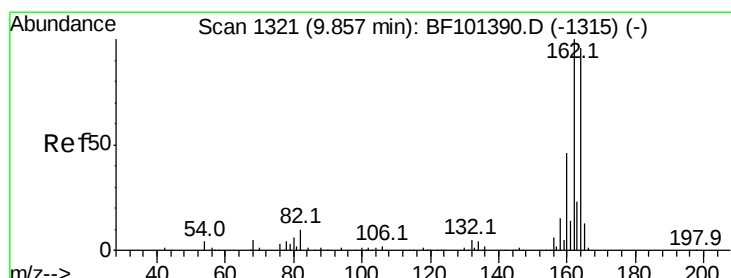
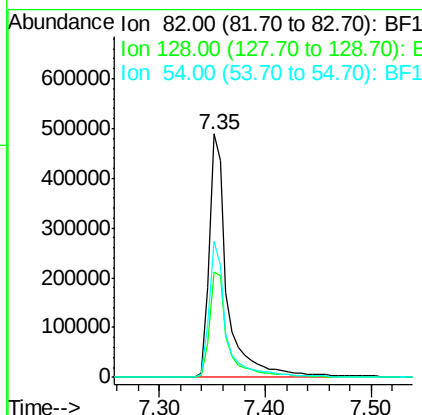
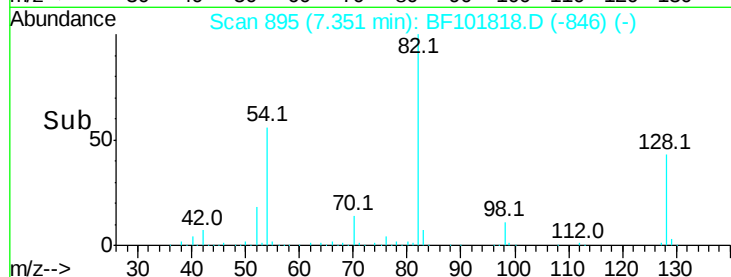
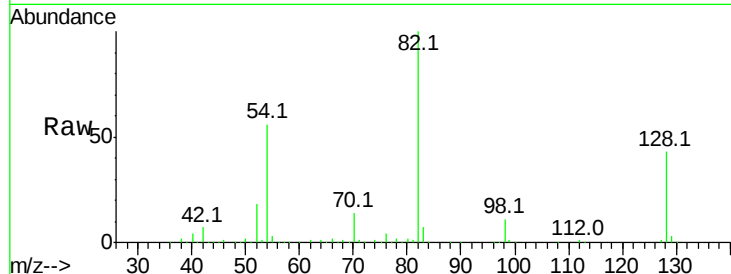
#23
 Nitrobenzene-d5
 Concen: 52.705 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF101818.D
 Acq: 29 Dec 2017 10:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-2(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.1	36.1	54.1	
54	55.8	41.4	62.2	

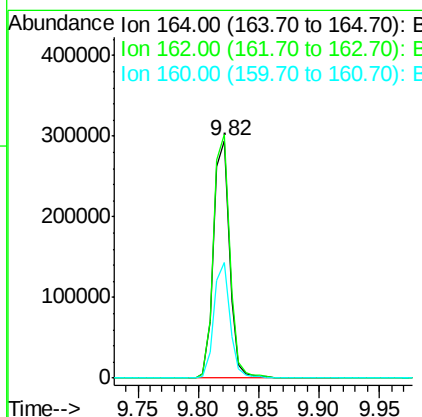
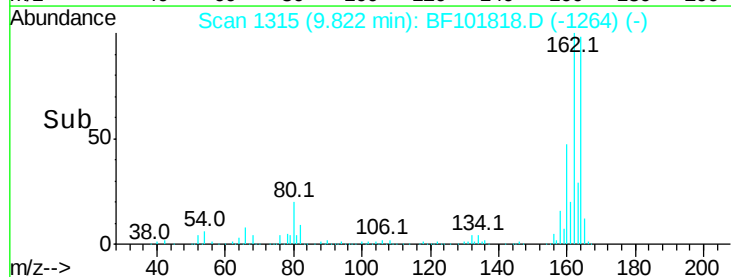
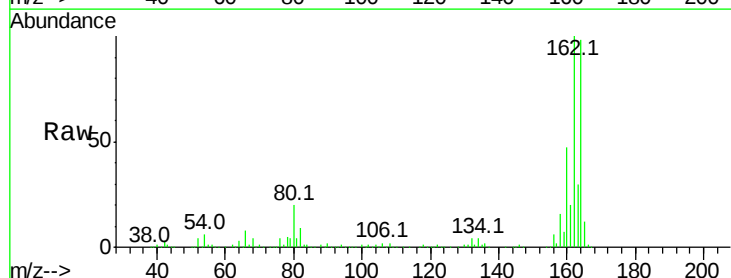
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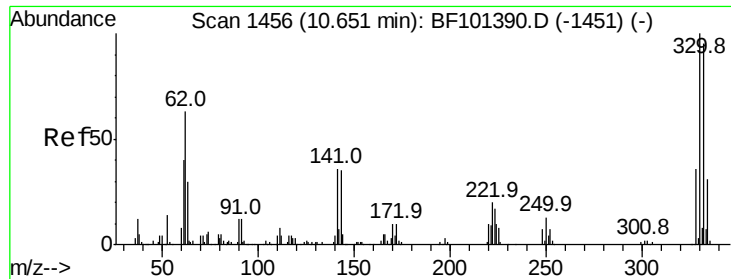
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF101818.D
 Acq: 29 Dec 2017 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.4	86.1	129.1	
160	48.4	38.3	57.5	





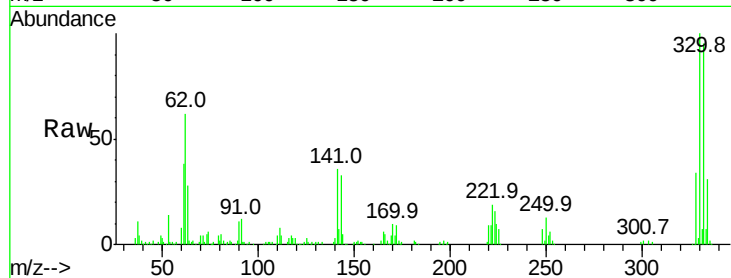
#41
 2,4,6-Tribromophenol
 Concen: 75.159 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101818.D
 Acq: 29 Dec 2017 10:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-15-2(0-2.5)

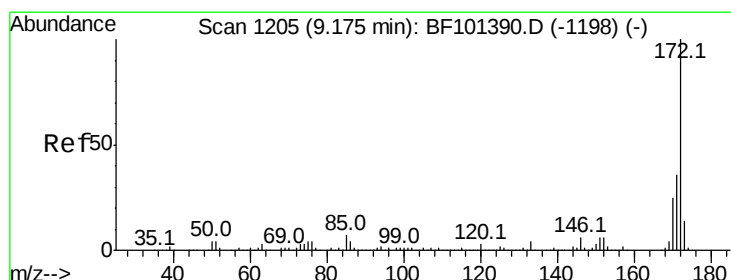
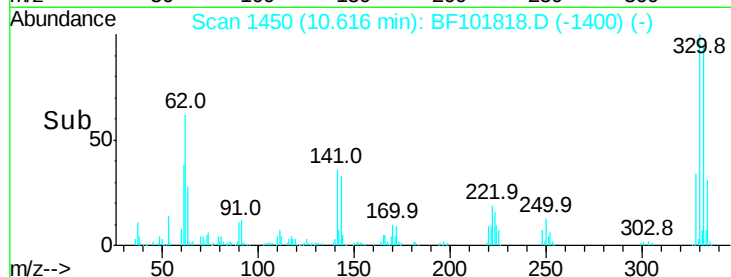
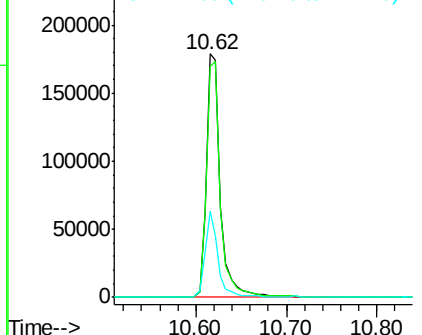
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.0	115.6	
141	32.8	29.9	44.9	

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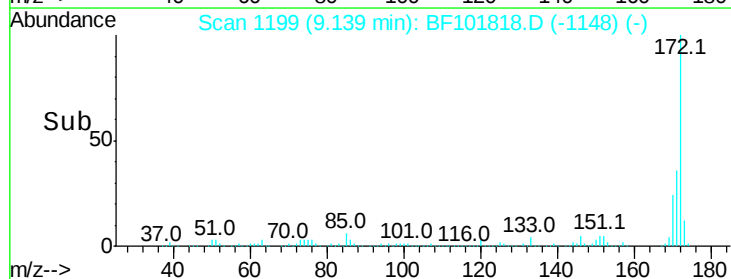
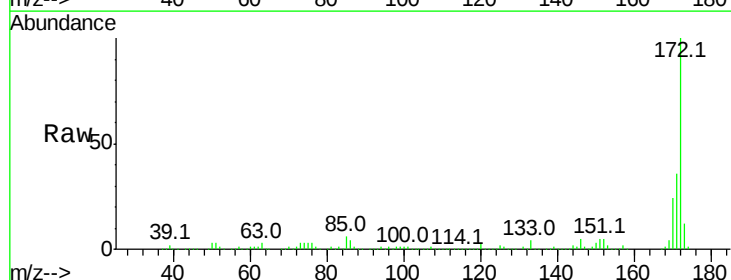
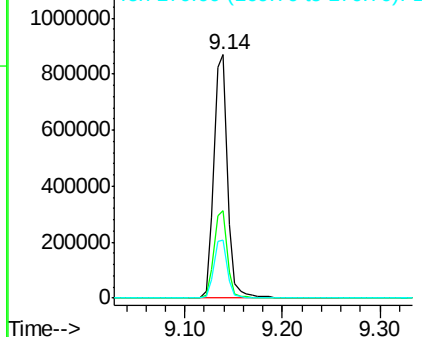
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

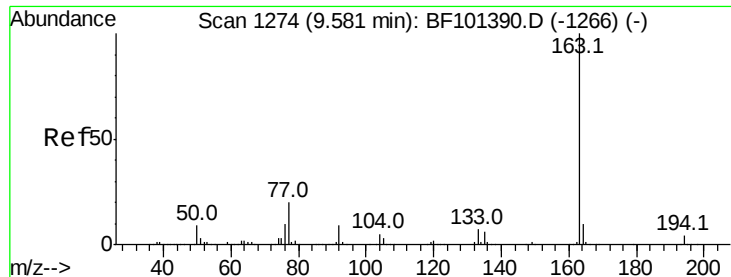


#44
 2-Fluorobiphenyl
 Concen: 48.793 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101818.D
 Acq: 29 Dec 2017 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	24.1	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





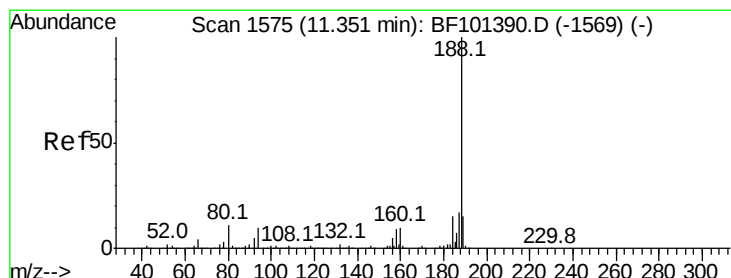
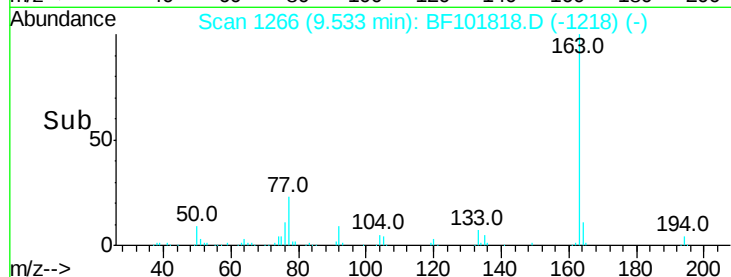
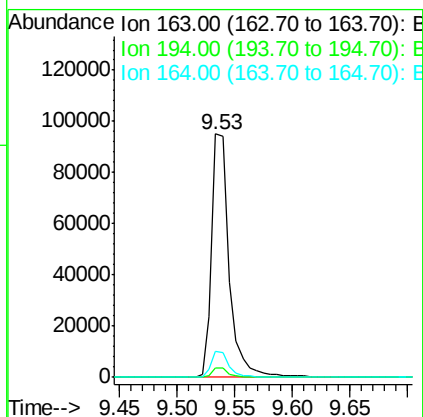
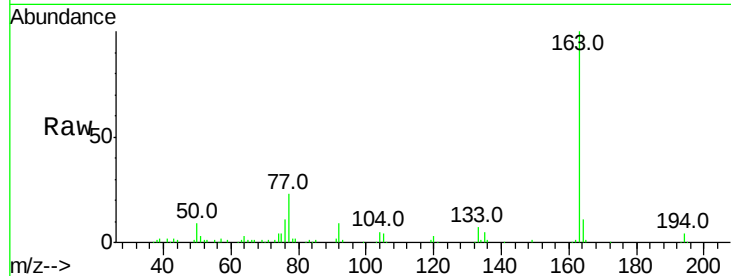
#49
Dimethylphthalate
Concen: 4.654 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF101818.D
Acq: 29 Dec 2017 10:19

Instrument :
BNA_F
ClientSampleId :
TP-15-2(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
163	100	101207		
194	3.6	2.7	4.1	
164	10.6	8.2	12.2	

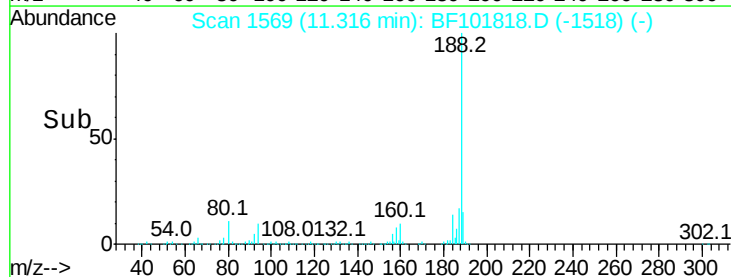
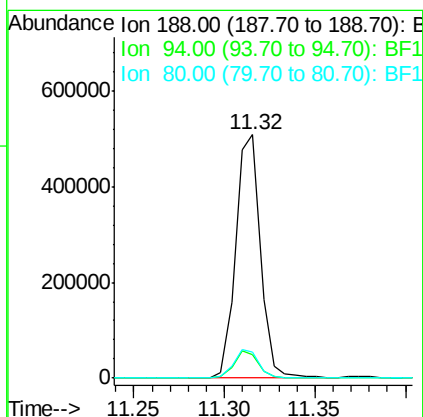
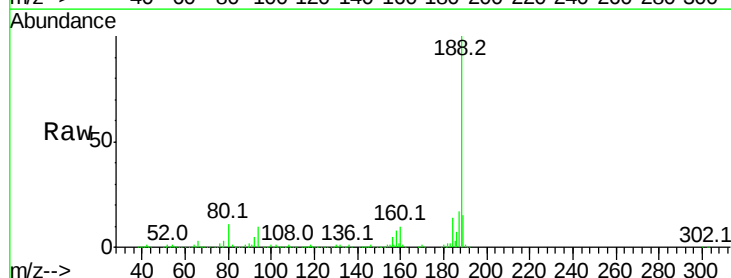
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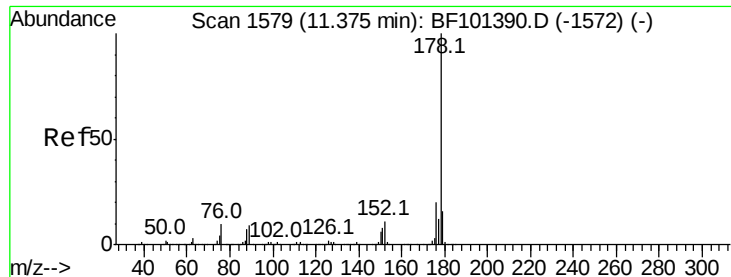
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101818.D
Acq: 29 Dec 2017 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	483276		
94	9.6	8.5	12.7	
80	10.6	9.2	13.8	





#70

Phenanthrene

Concen: 4.682 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Instrument :

BNA_F

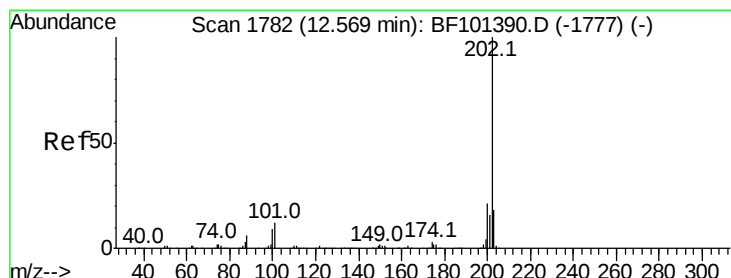
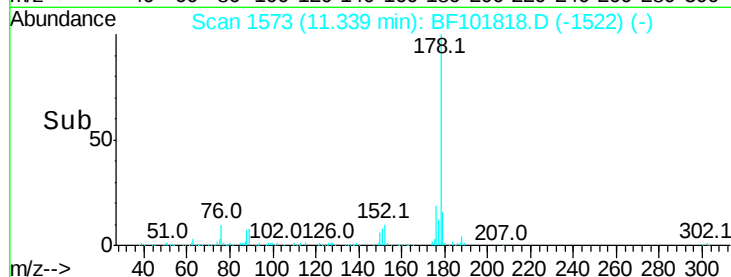
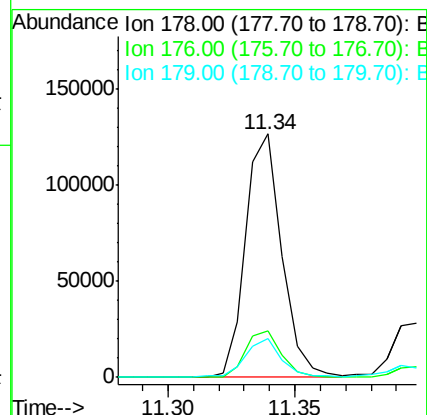
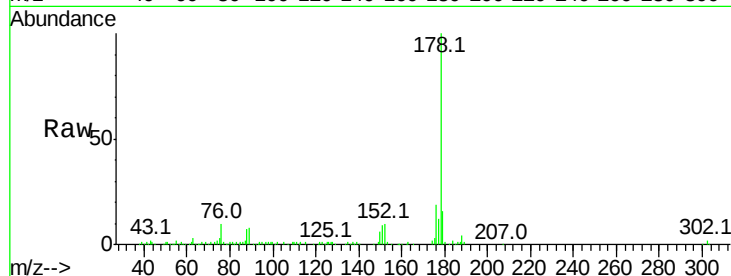
ClientSampleId :

TP-15-2(0-2.5)

Tot Ion:	178	Resp:	125824
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	15.9	13.0	19.6

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#74

Fluoranthene

Concen: 5.186 ng

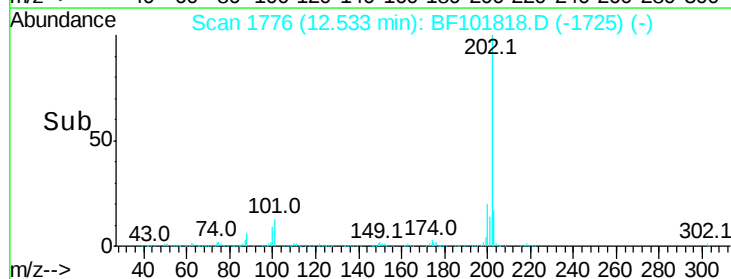
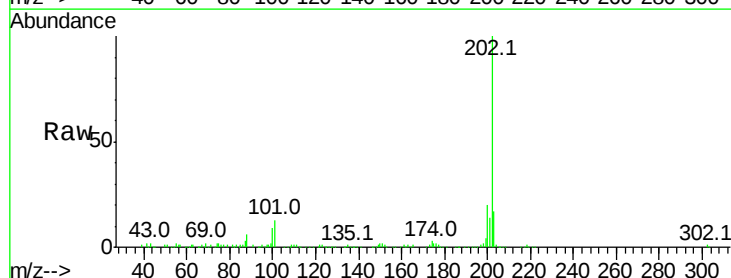
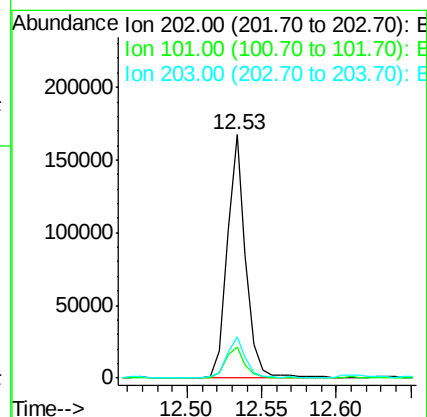
RT: 12.53 min Scan# 1776

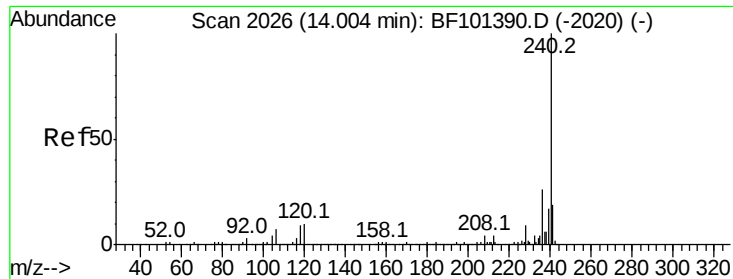
Delta R.T. 0.00 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Tgt Ion:	202	Resp:	146297
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.1
203	17.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Instrument :

BNA_F

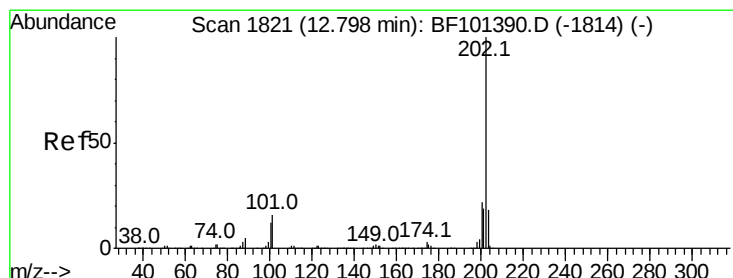
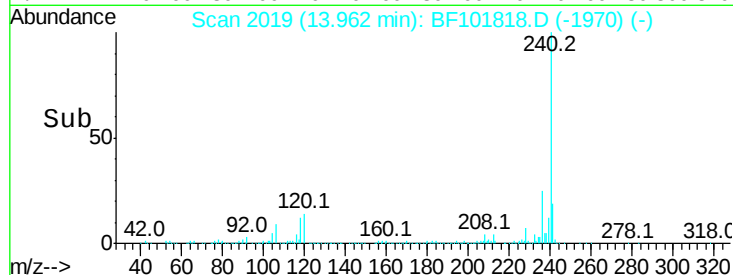
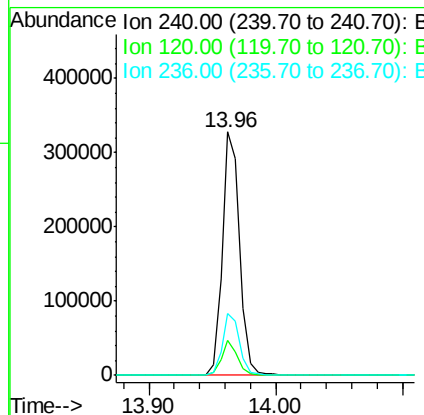
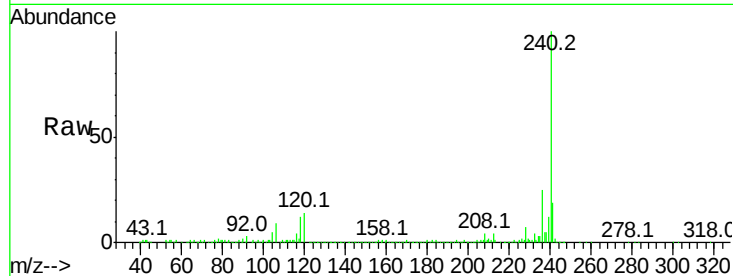
ClientSampleId :

TP-15-2(0-2.5)

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.3	9.5	14.3	
236	25.3	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 5.050 ng

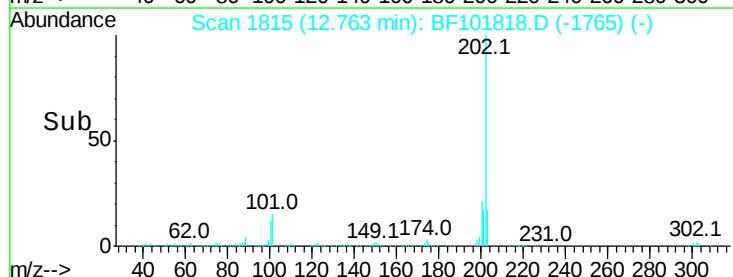
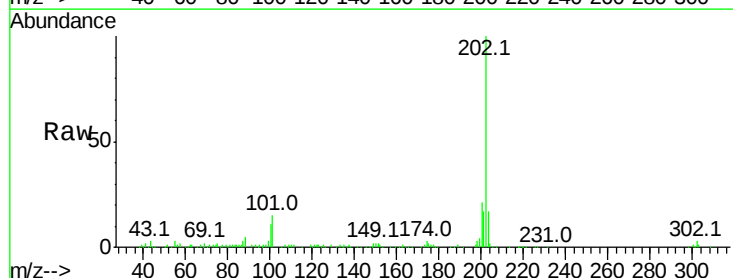
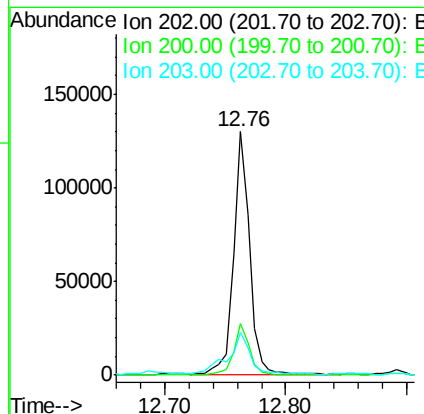
RT: 12.76 min Scan# 1815

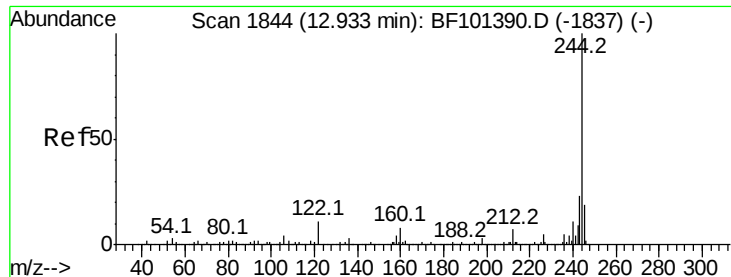
Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2	17.4	26.2	
203	17.3	14.3	21.5	





#78

Terphenyl-d14

Concen: 48.993 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Instrument :

BNA_F

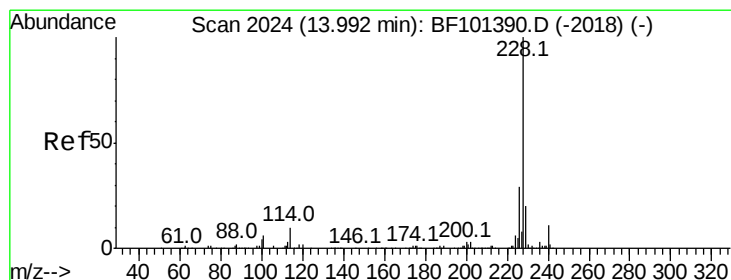
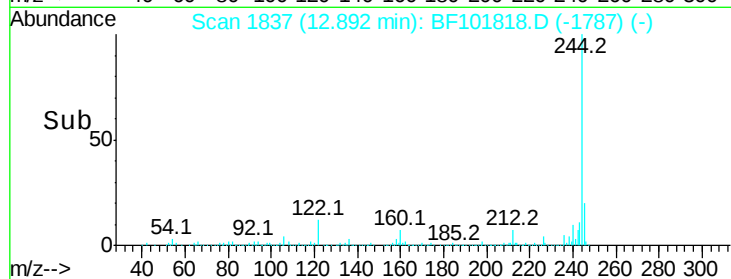
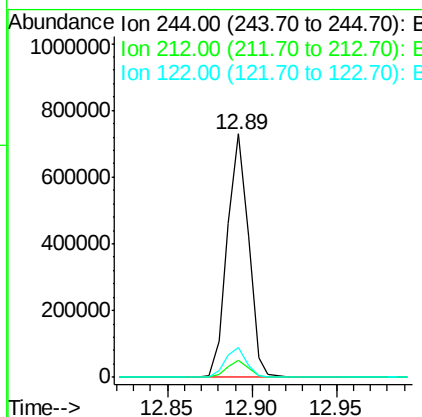
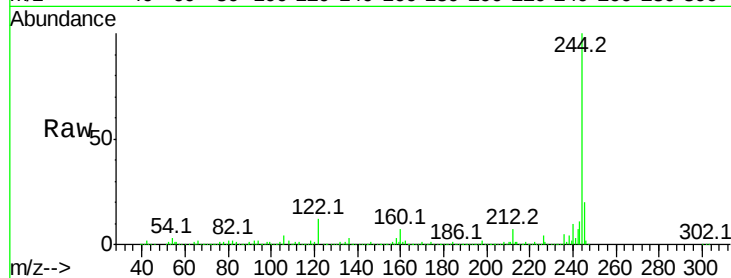
ClientSampleId :

TP-15-2(0-2.5)

Tot Ion:	244	Resp:	636853
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	12.5	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.544 ng

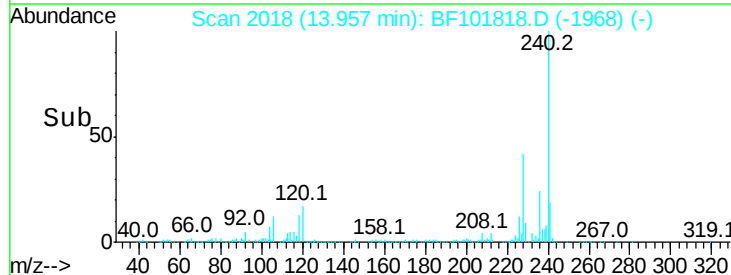
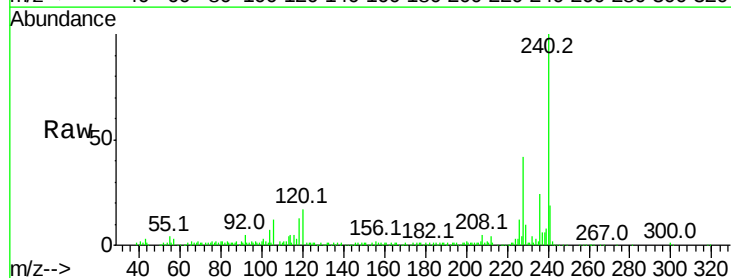
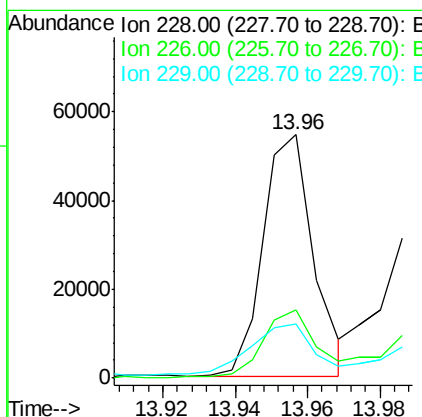
RT: 13.96 min Scan# 2018

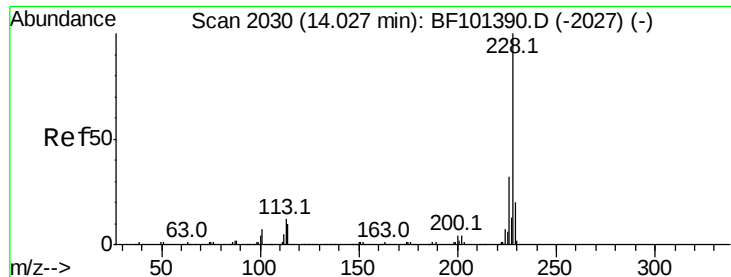
Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Tgt Ion:	228	Resp:	52638
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	22.5	15.8	23.6





#82

Chrysene

Concen: 2.677 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Instrument :

BNA_F

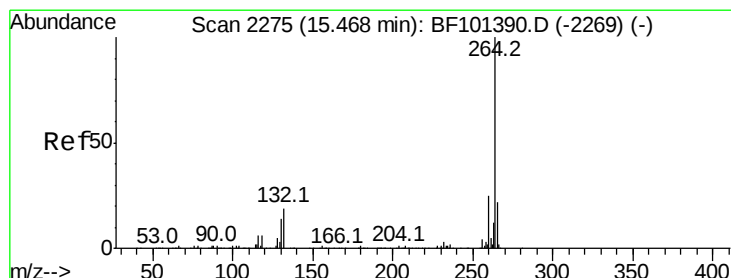
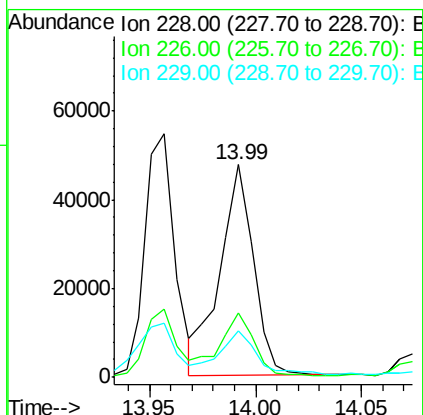
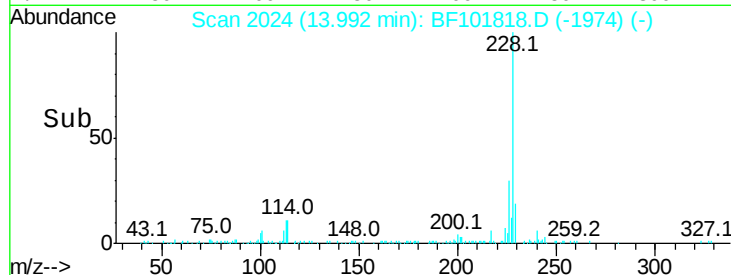
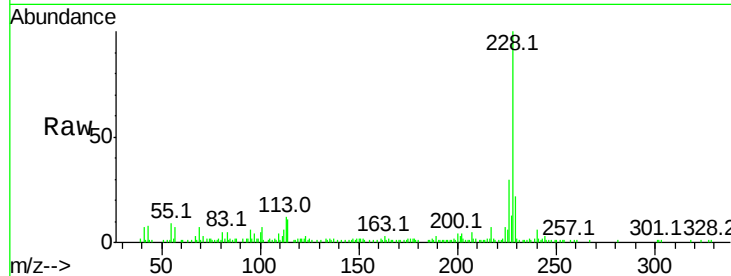
ClientSampleId :

TP-15-2(0-2.5)

Tot Ion:	228	Resp:	52299
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	21.6	16.2	24.4

Manual Integrations
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1/2/2018 1:04:51 PM



#86

Perylene-d12

Concen: 20.000 ng

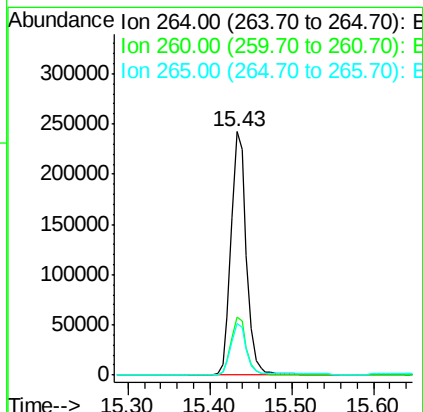
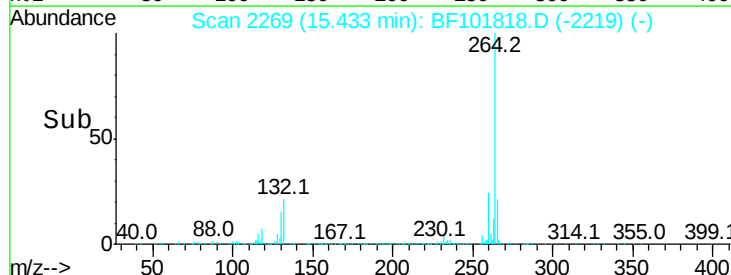
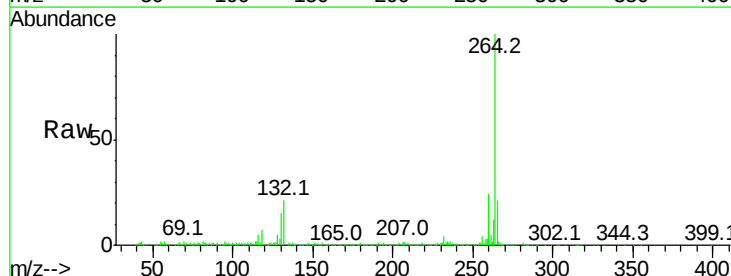
RT: 15.43 min Scan# 2269

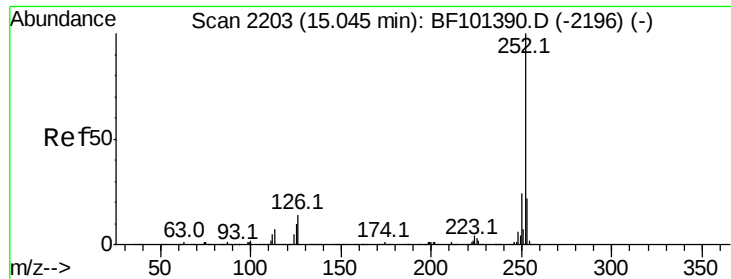
Delta R.T. -0.01 min

Lab File: BF101818.D

Acq: 29 Dec 2017 10:19

Tgt Ion:	264	Resp:	318737
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3





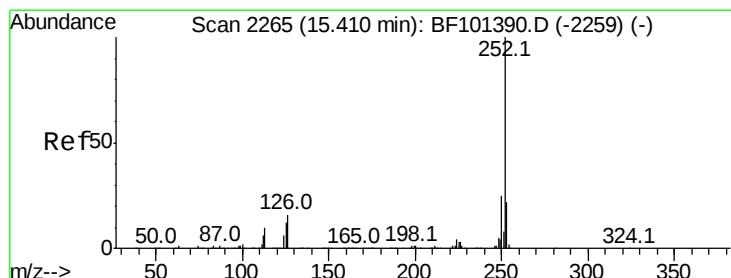
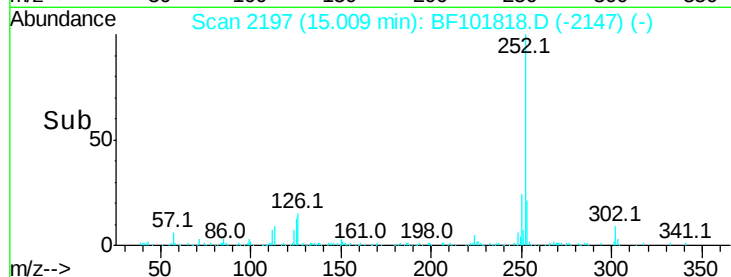
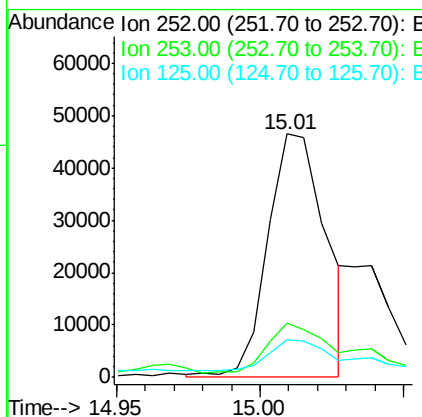
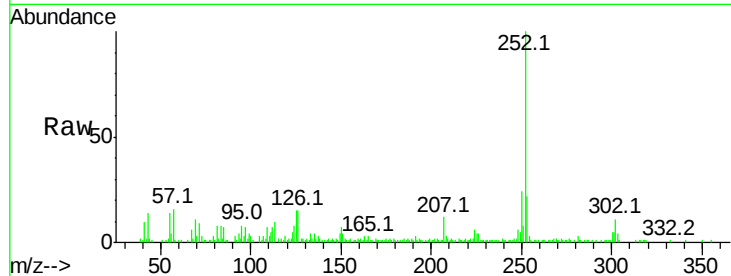
#87
Benzo(b)fluoranthene
Concen: 3.363 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101818.D
Acq: 29 Dec 2017 10:19

Instrument :
BNA_F
ClientSampleId :
TP-15-2(0-2.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	15.3	9.0	13.6

Manual Integrations
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1/2/2018 1:04:51 PM



#89
Benzo(a)pyrene
Concen: 2.424 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101818.D
Acq: 29 Dec 2017 10:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	13.9	9.8	14.6

