

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
 Data File : BF101784.D
 Acq On : 28 Dec 2017 1:02
 Operator : SJ/JU
 Sample : I6686-05 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-122217

Manual Integrations
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Sohil
 12/28/2017 2:03:19 PM

Quant Time: Dec 28 06:08:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140503	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	530954	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	209222	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	332612	20.00	ng	0.00
75) Chrysene-d12	13.97	240	287657	20.00	ng	0.00
86) Perylene-d12	15.45	264	236812	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	486814	51.61	ng	0.01
7) Phenol-d6	6.44	99	614691	52.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	349299	36.62	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	96914	48.07	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	619804	45.95	ng	0.00
78) Terphenyl-d14	12.90	244	439782	36.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.55	163	43089	2.560	ng	Qvalue # 98
51) Acenaphthene	9.86	154	30021	2.228	ng	99
70) Phenanthrene	11.35	178	93803	5.071	ng	99
74) Fluoranthene	12.55	202	154922	7.979	ng	97
77) Pyrene	12.79	202	137845	6.385	ng	100
80) Benzo(a)anthracene	13.97	228	68651	3.614	ng	98
82) Chrysene	14.00	228	67181	3.746	ng	98
87) Benzo(b)fluoranthene	15.03	252	66442m	4.603	ng	
89) Benzo(a)pyrene	15.39	252	43983	3.305	ng	# 86

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

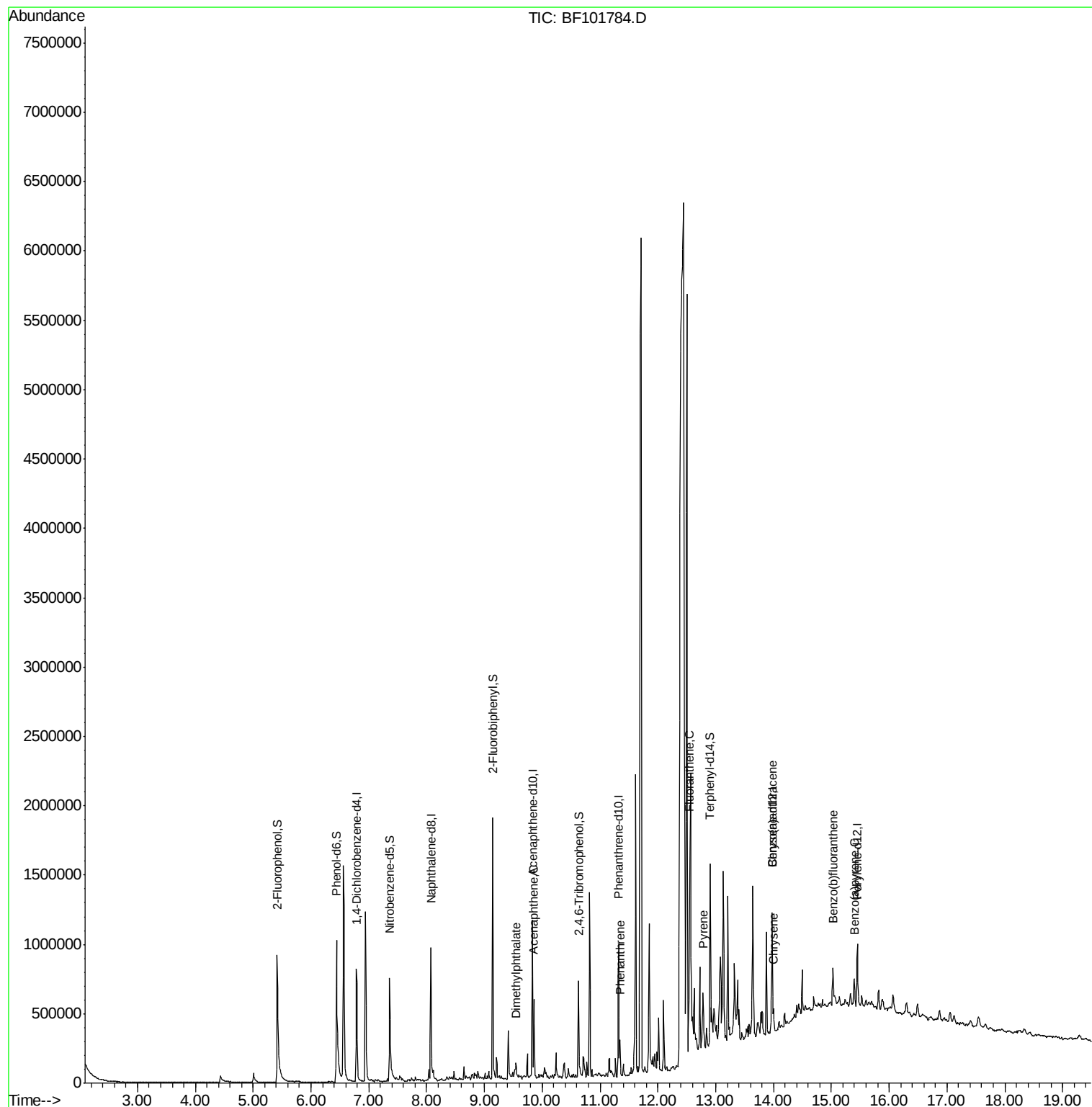
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
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Response via : Initial Calibration





#1

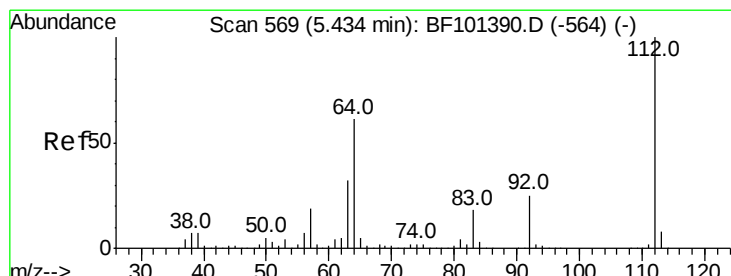
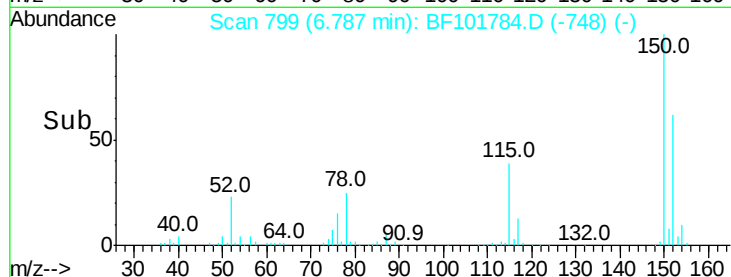
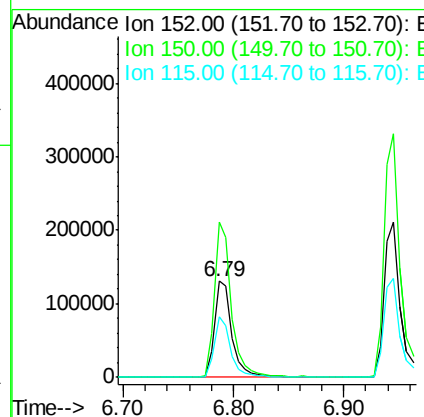
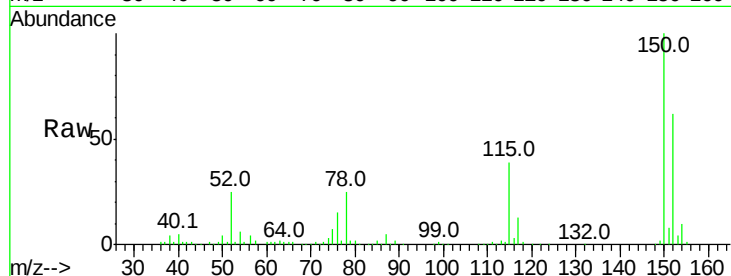
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :
TR-04-122217

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	63.3	50.1	75.1

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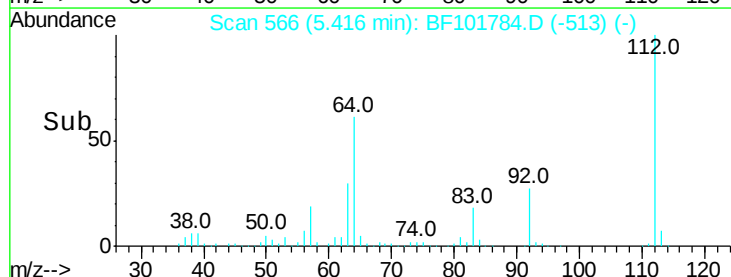
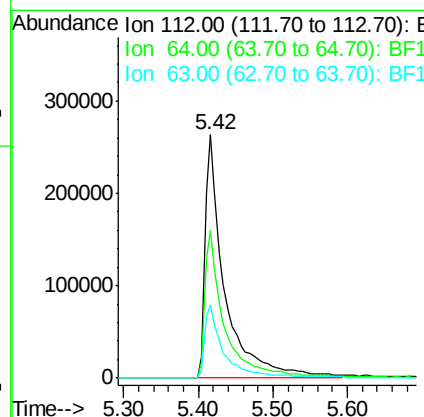
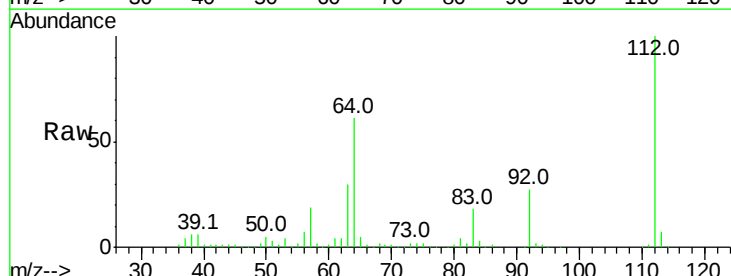
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#5

2-Fluorophenol
Concen: 51.611 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.0	23.7	35.5





#7

Phenol-d6

Concen: 52.363 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101784.D

Acq: 28 Dec 2017 1:02

Instrument :

BNA_F

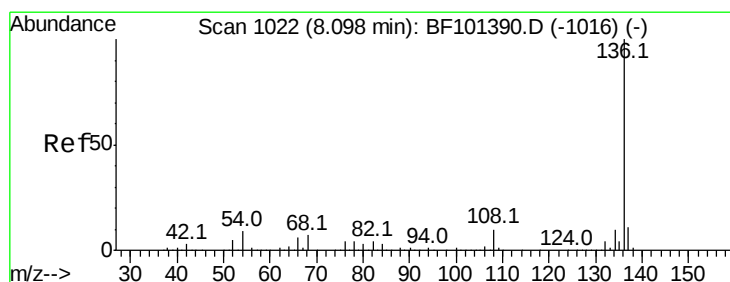
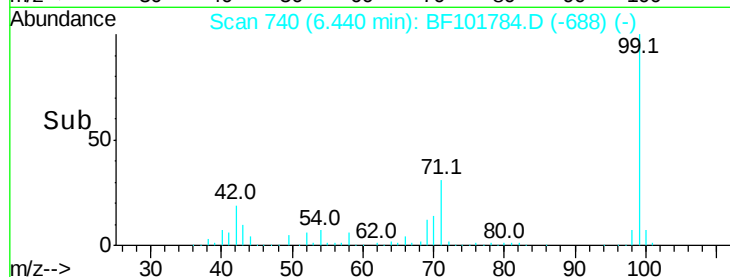
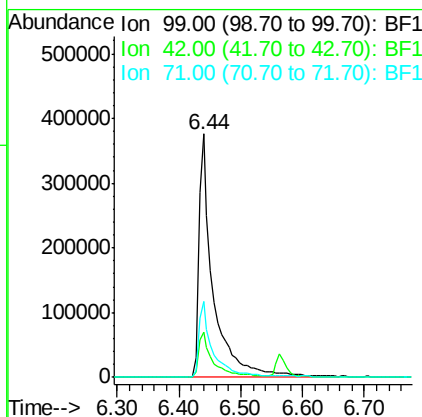
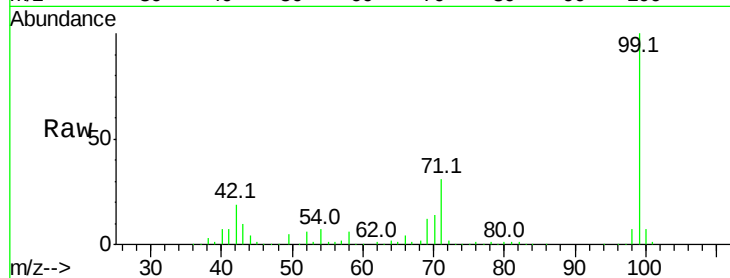
ClientSampleId :

TR-04-122217

Tot Ion:	99	Resp:	614691
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.5	21.7
71	31.4	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

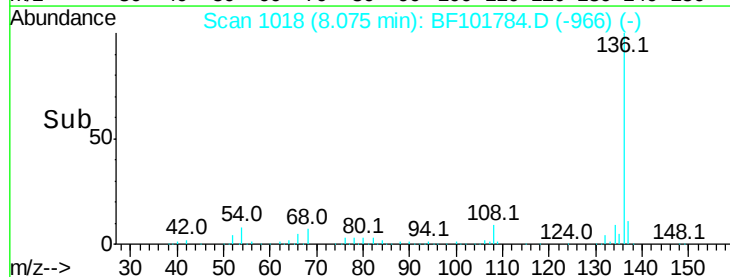
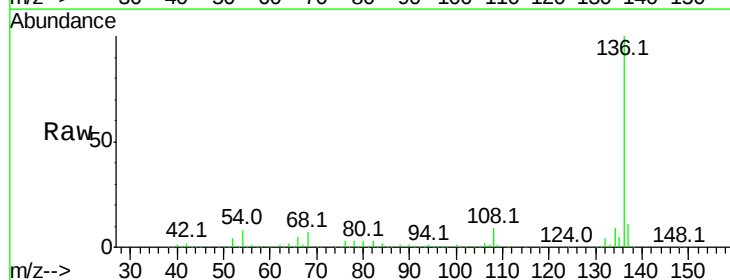
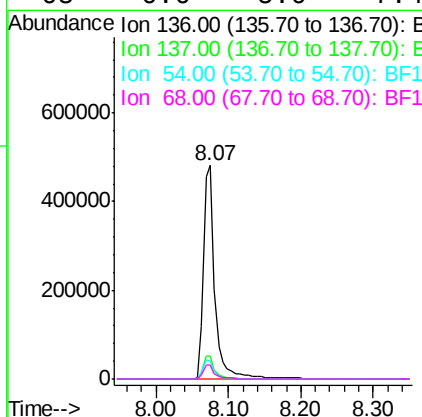
RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101784.D

Acq: 28 Dec 2017 1:02

Tgt Ion:	136	Resp:	530954
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.3	6.6	9.8
68	6.6	5.0	7.4





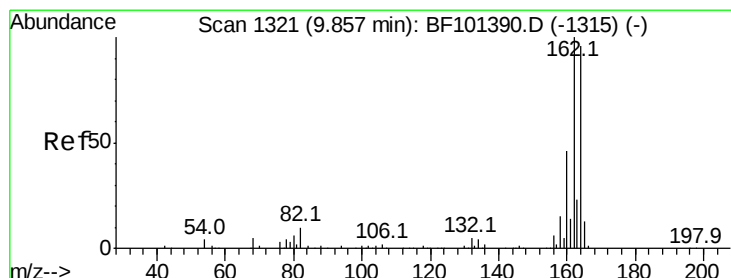
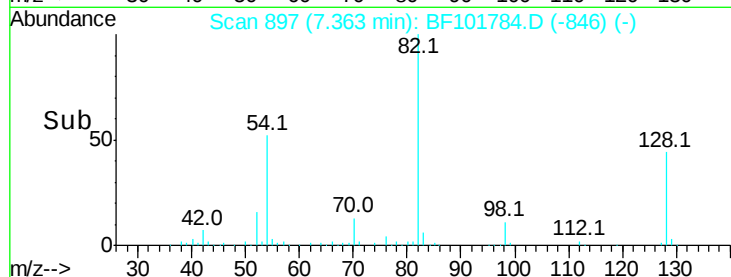
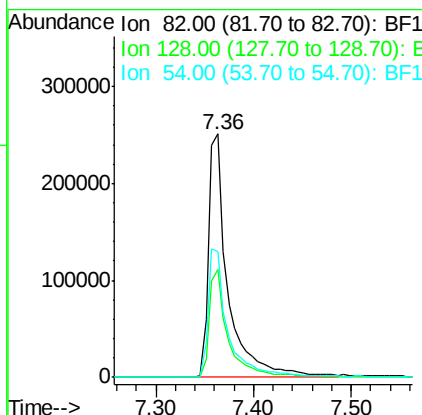
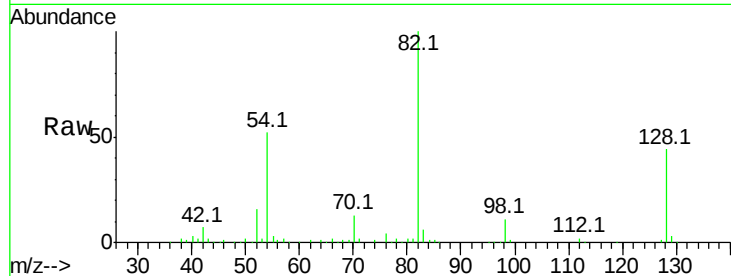
#23
Nitrobenzene-d5
Concen: 36.621 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :
TR-04-122217

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	51.9	41.4	62.2

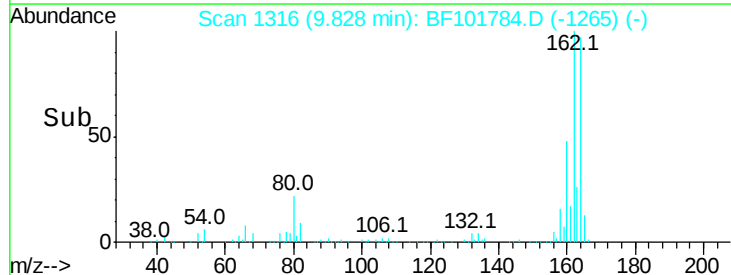
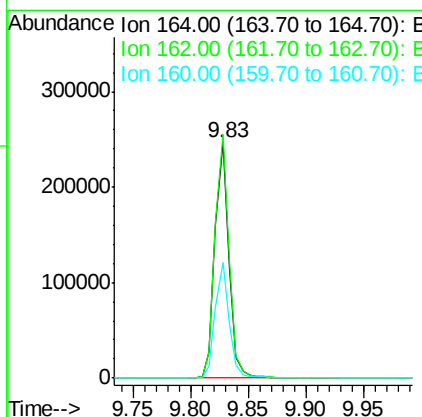
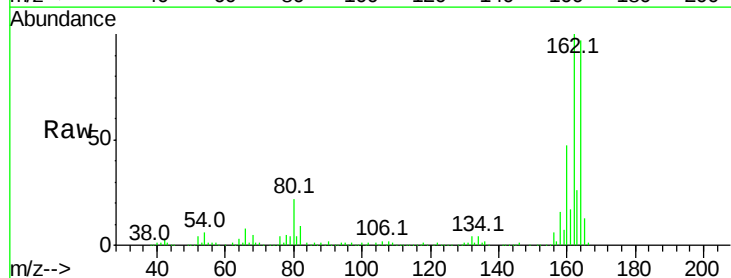
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	49.0	38.3	57.5





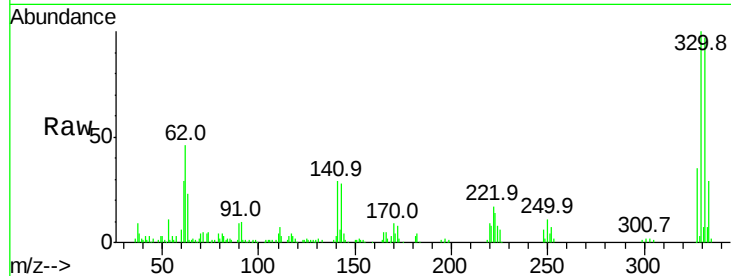
#41
 2,4,6-Tribromophenol
 Concen: 48.072 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101784.D
 Acq: 28 Dec 2017 1:02

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-122217

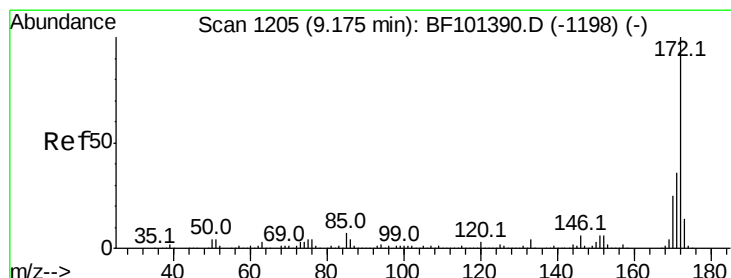
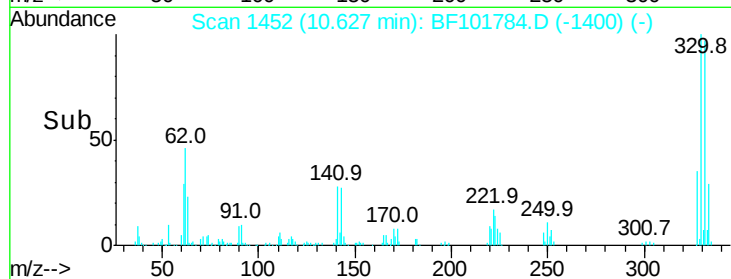
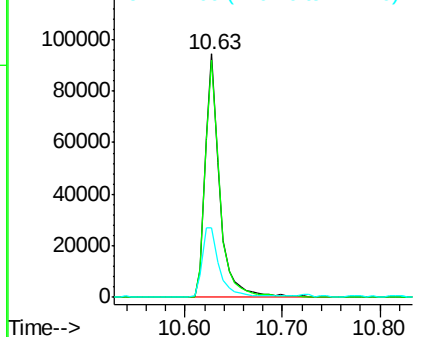
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.6	77.0	115.6	
141	35.5	29.9	44.9	

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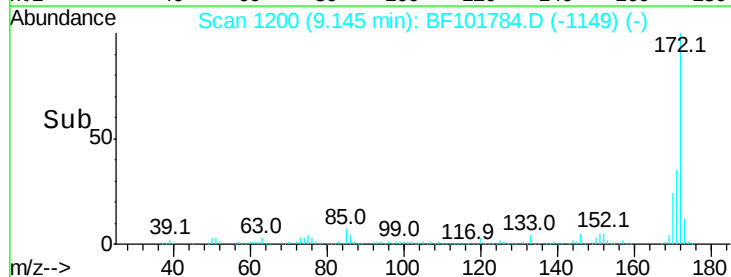
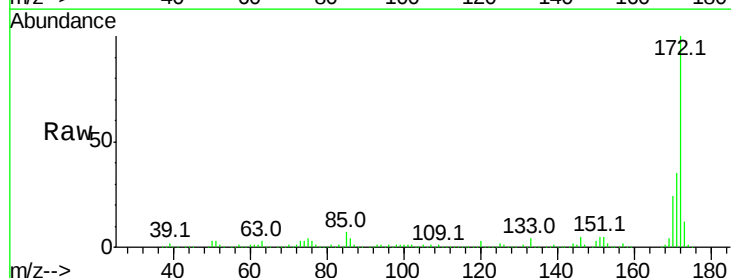
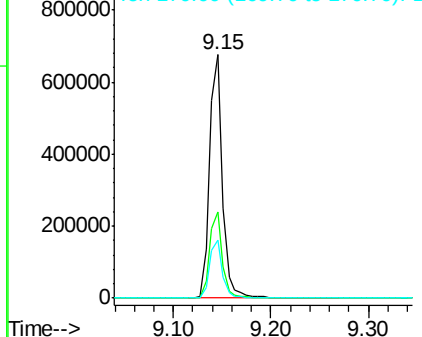
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

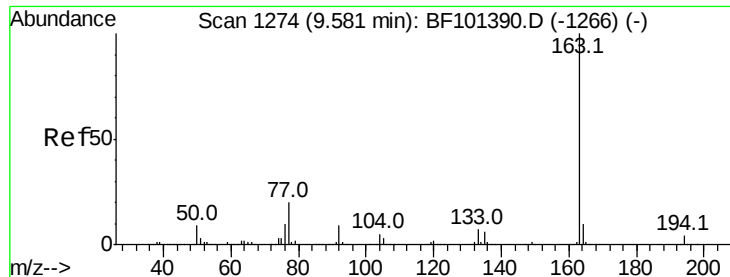


#44
 2-Fluorobiphenyl
 Concen: 45.954 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101784.D
 Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	23.8	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





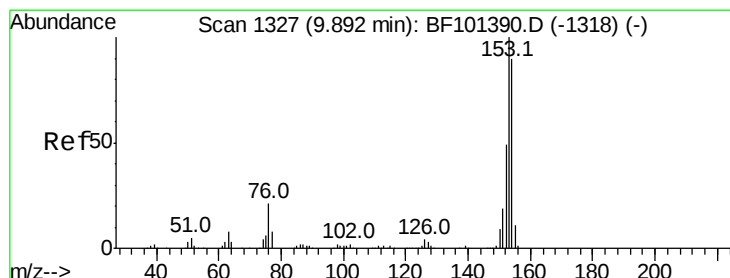
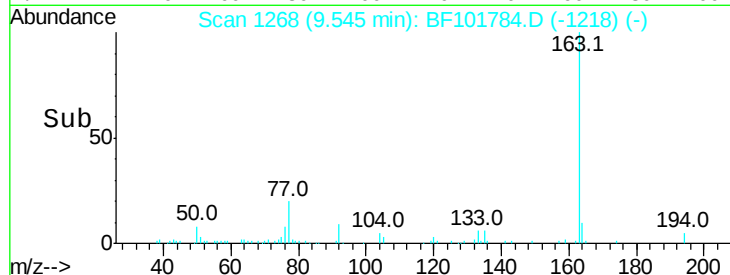
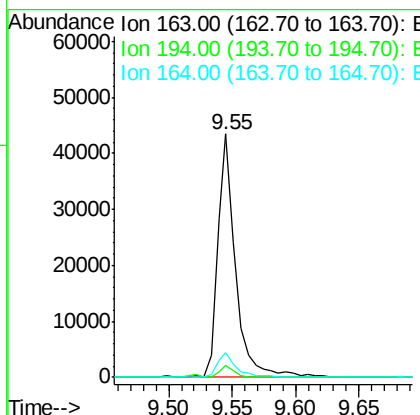
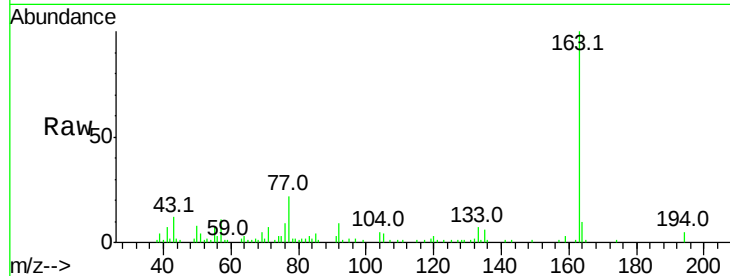
#49
Dimethylphthalate
Concen: 2.560 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :
TR-04-122217

Tot Ion	Ratio	Resp	Lower	Upper
163	100	43089		
194	4.9	2.7	4.1#	
164	10.4	8.2	12.2	

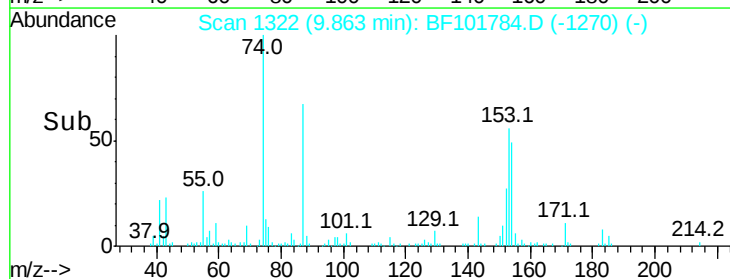
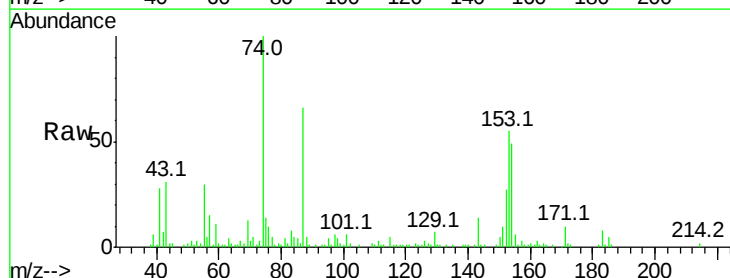
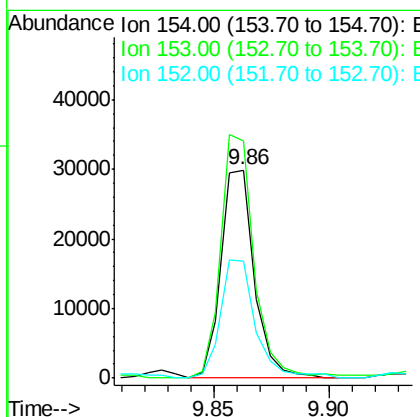
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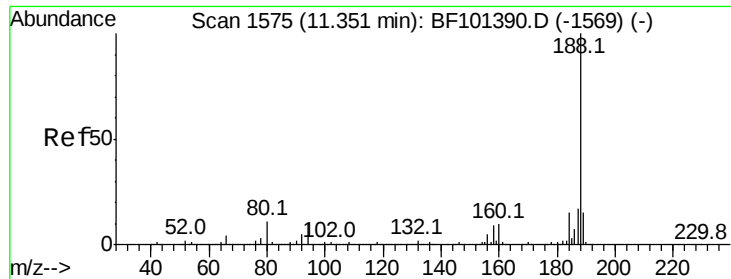
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#51
Acenaphthene
Concen: 2.228 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	30021		
153	114.1	91.2	136.8	
152	55.9	43.8	65.8	





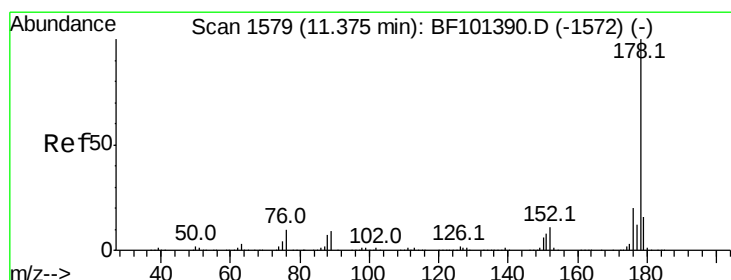
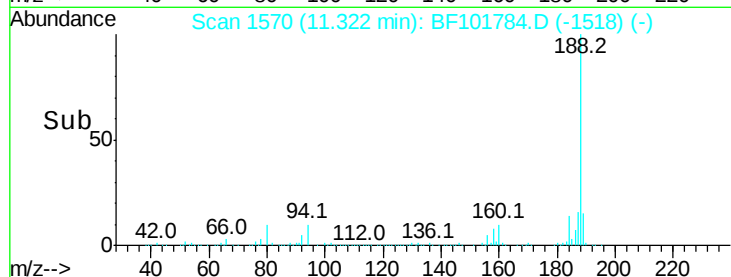
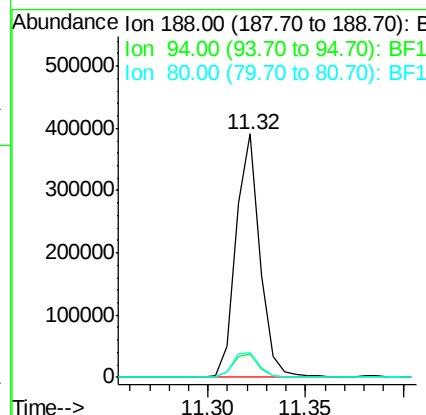
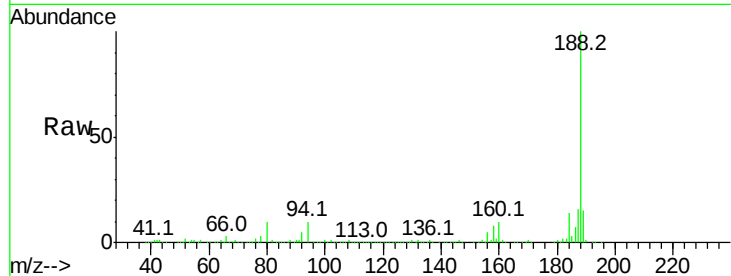
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampled :
TR-04-122217

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8

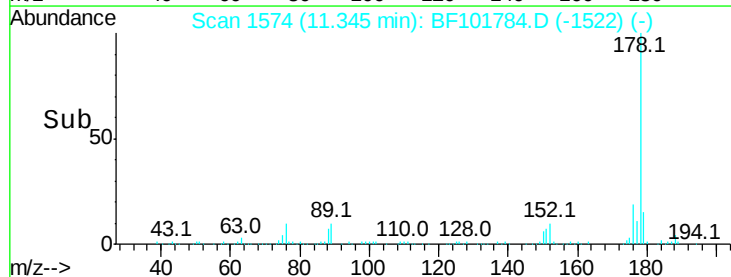
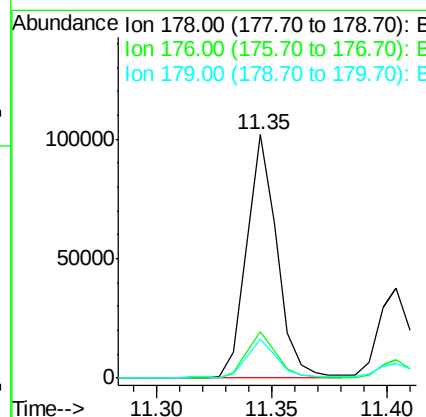
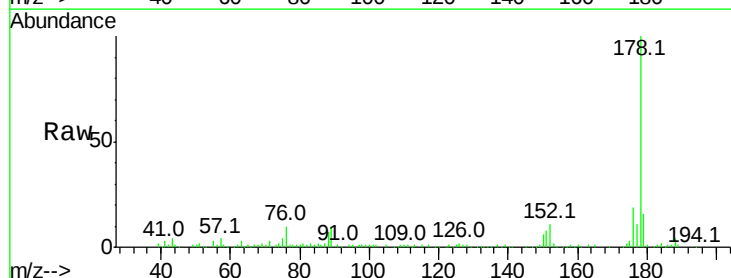
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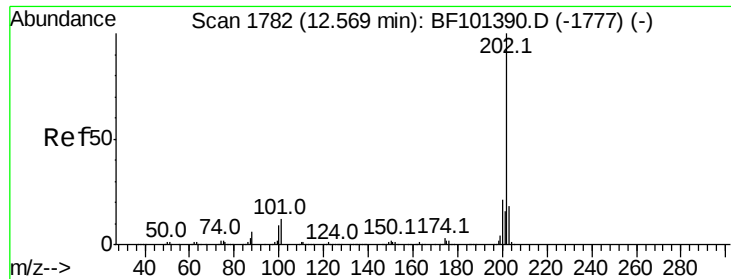
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#70
Phenanthrene
Concen: 5.071 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.8	13.0	19.6





#74

Fluoranthene

Concen: 7.979 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.01 min

Lab File: BF101784.D

Acq: 28 Dec 2017 1:02

Instrument :

BNA_F

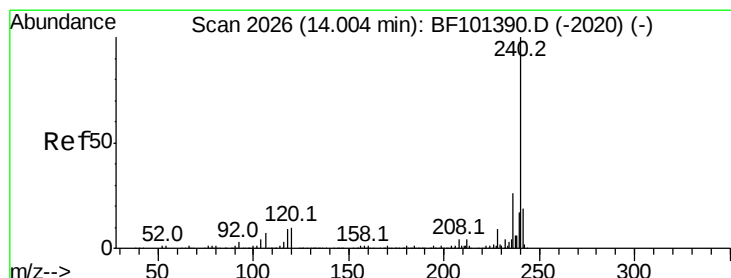
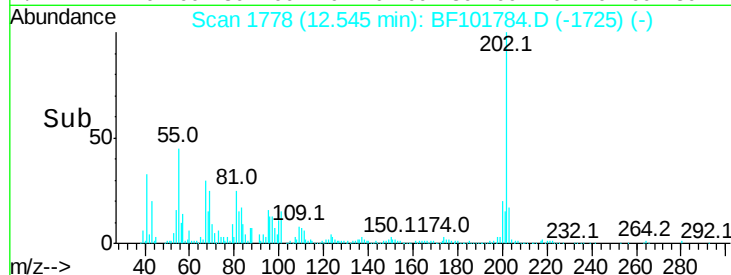
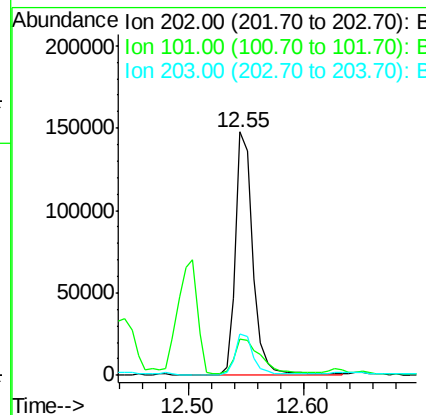
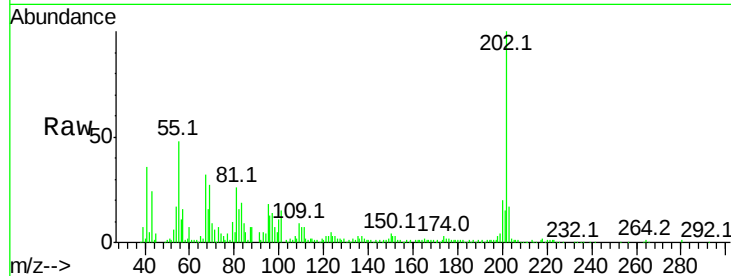
ClientSampleId :

TR-04-122217

Tot Ion:	202	Resp:	154922
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	34.1
203	16.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

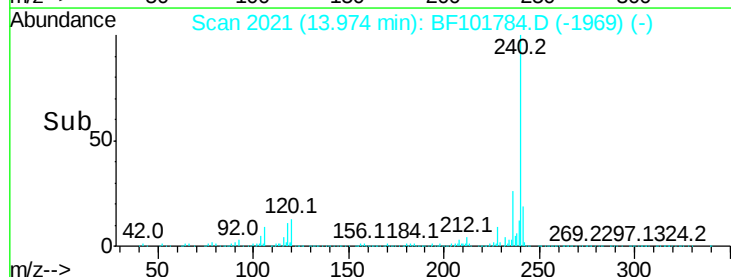
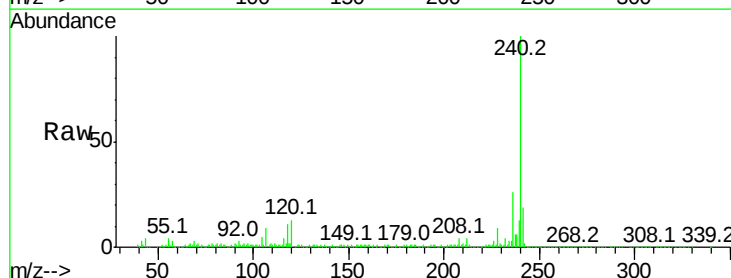
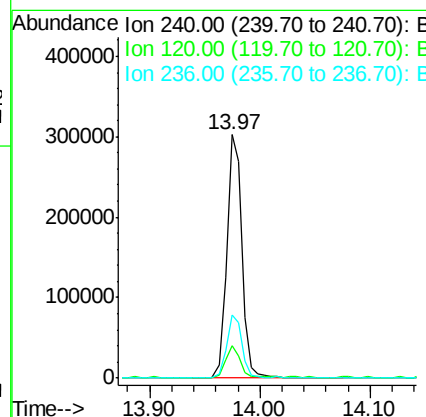
RT: 13.97 min Scan# 2021

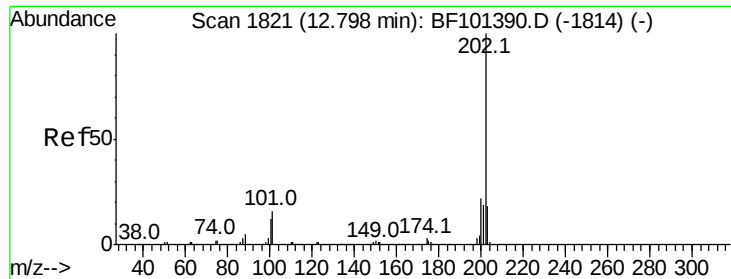
Delta R.T. 0.01 min

Lab File: BF101784.D

Acq: 28 Dec 2017 1:02

Tgt Ion:	240	Resp:	287657
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	25.7	20.7	31.1





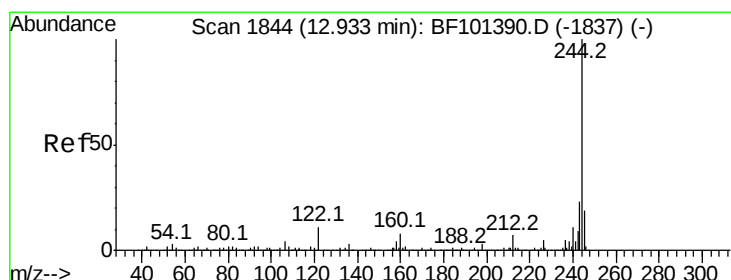
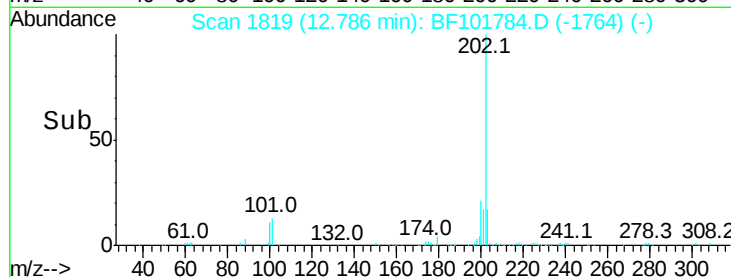
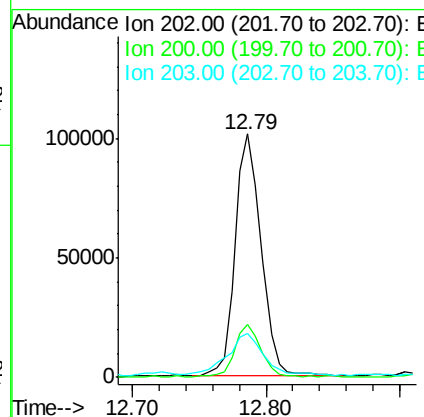
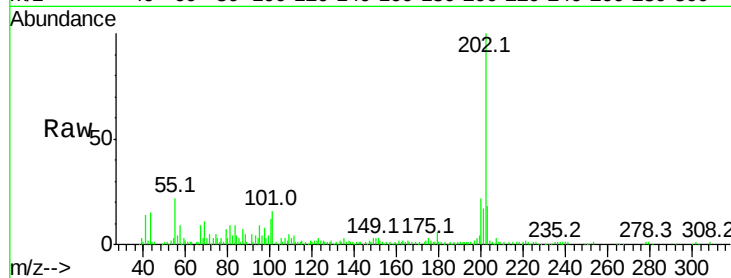
#77
Pvrene
Concen: 6.385 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :
TR-04-122217

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.0	14.3	21.5

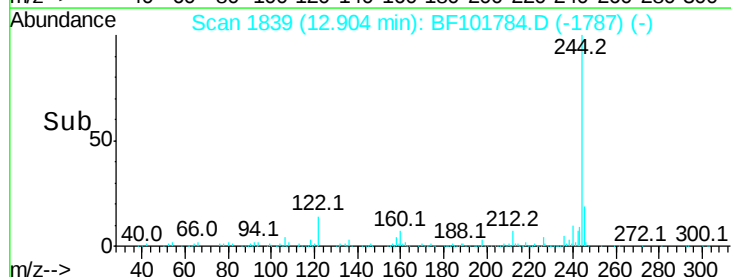
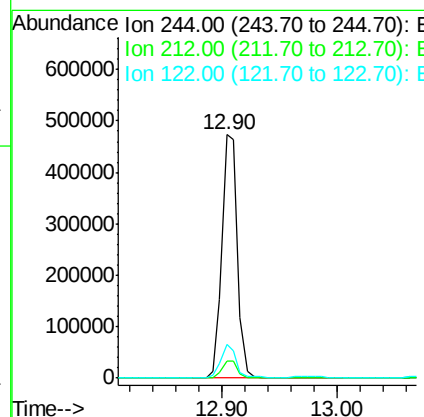
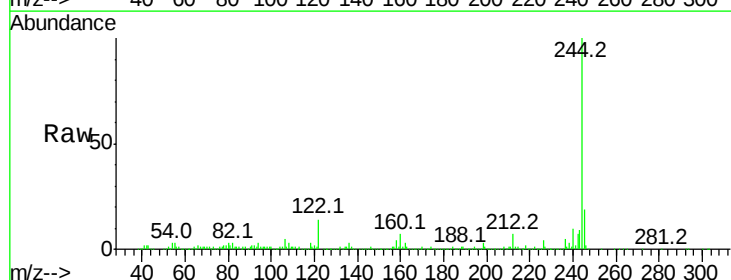
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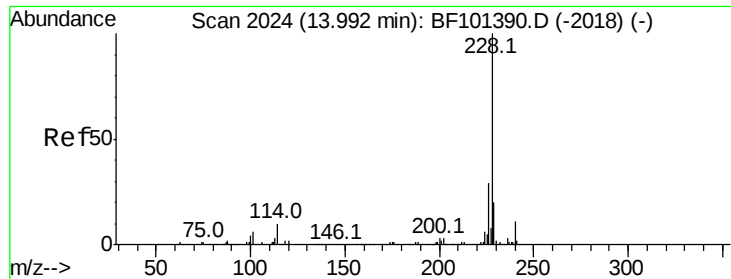
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#78
Terphenyl-d14
Concen: 36.857 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.0	11.0	16.4





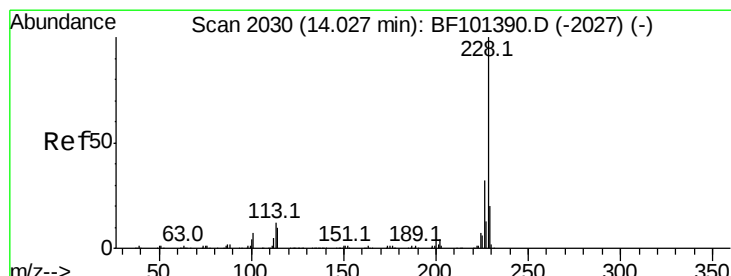
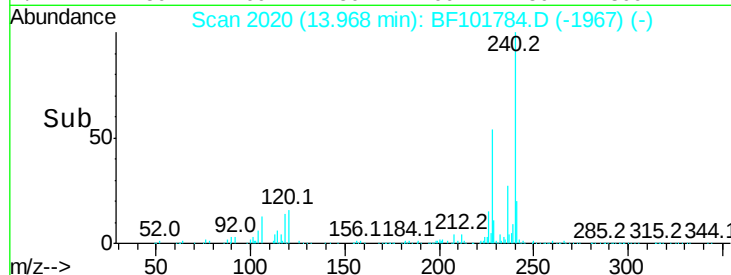
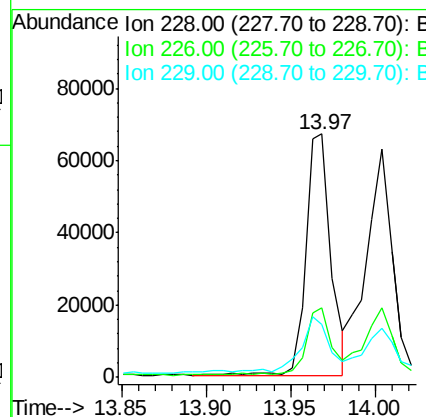
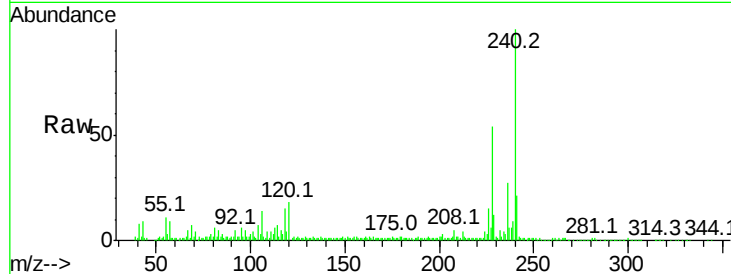
#80
Benzo(a)anthracene
Concen: 3.614 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :
TR-04-122217

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.6	15.8	23.6

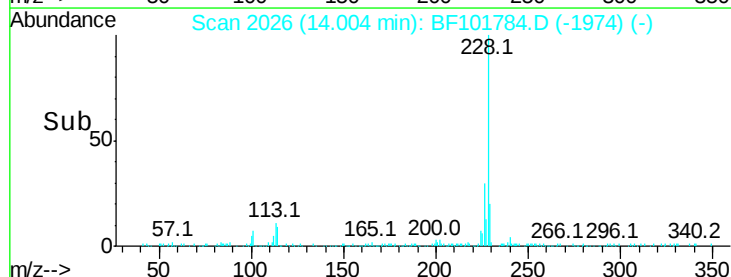
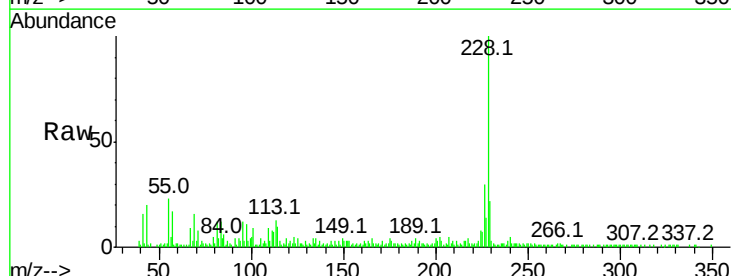
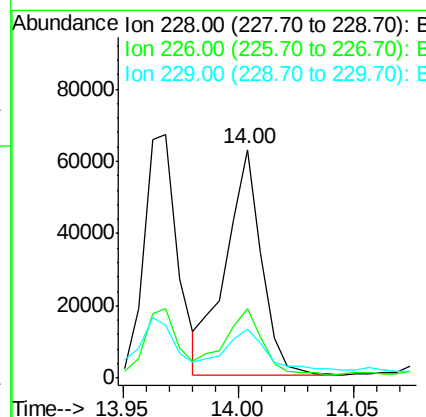
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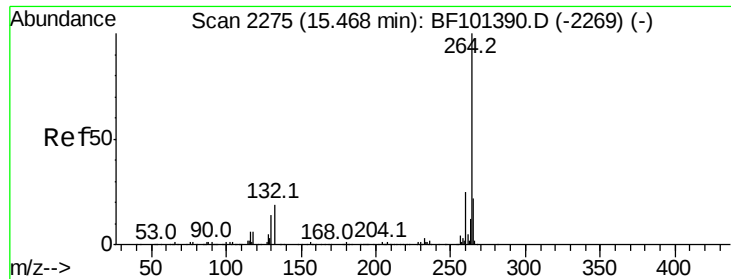
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#82
Chrysene
Concen: 3.746 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.7	16.2	24.4





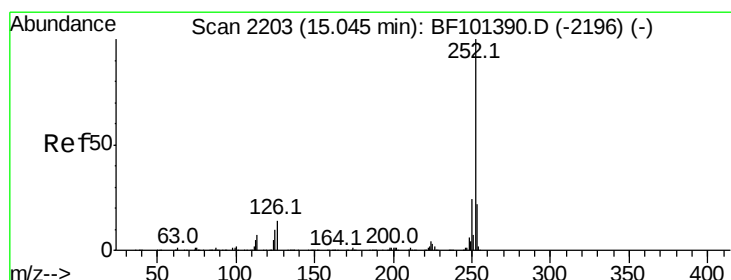
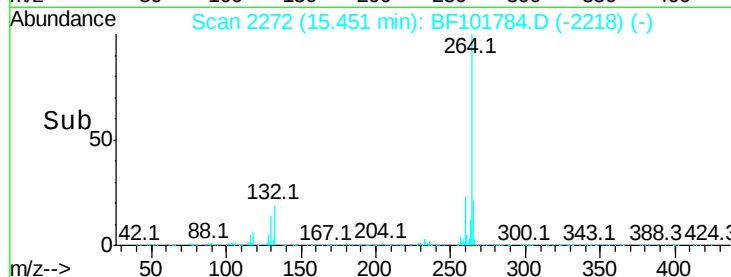
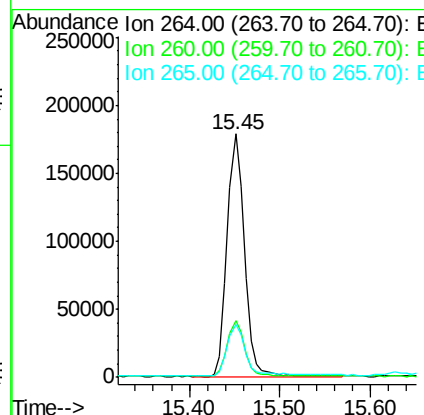
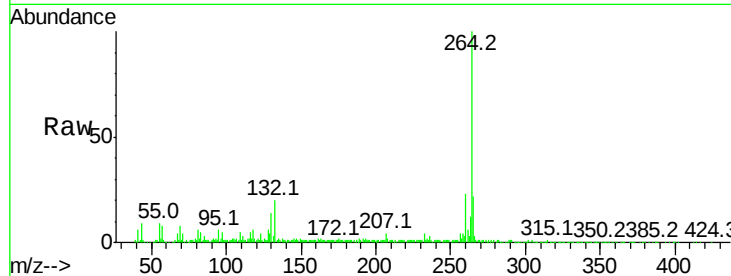
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :
TR-04-122217

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.1	19.2	28.8	
265	21.9	17.5	26.3	

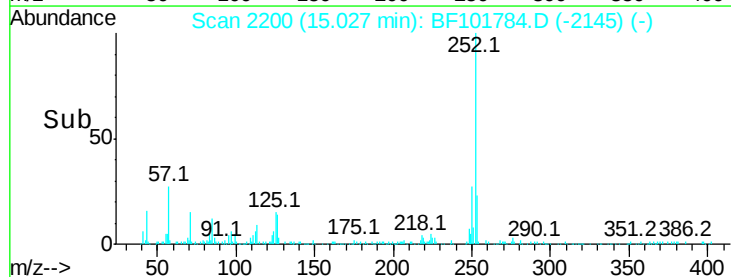
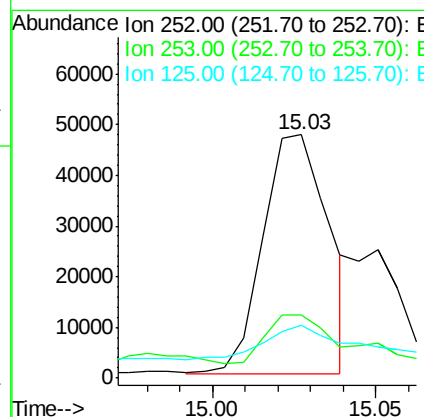
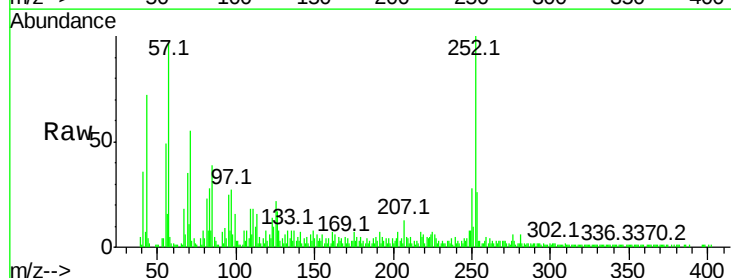
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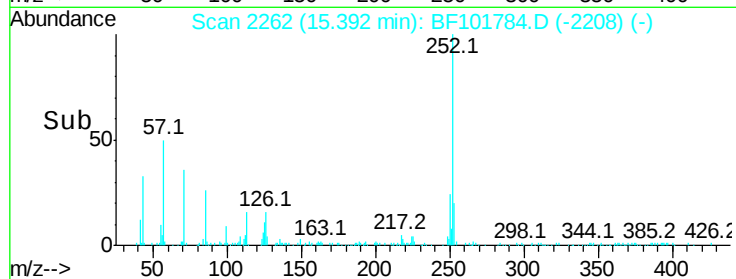
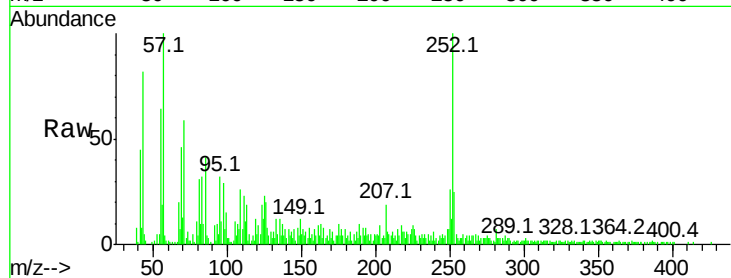
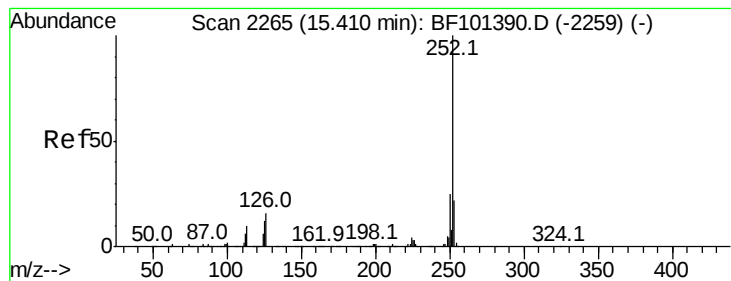
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#87
Benzo(b)fluoranthene
Concen: 4.603 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	26.0	17.0	25.6#	
125	21.8	9.0	13.6#	





#89
Benzo(a)pyrene
Concen: 3.305 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.02 min
Lab File: BF101784.D
Acq: 28 Dec 2017 1:02

Instrument :
BNA_F
ClientSampleId :
TR-04-122217

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	23.0	9.8	14.6

Manual Integrations
APPROVED

Sohil
12/28/2017 2:03:19 PM

