

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101870.D
 Acq On : 3 Jan 2018 19:52
 Operator : SJ/JU
 Sample : J1003-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-10(0-10)COMP

Manual Integrations
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Sohil
 1/4/2018 1:56:37 PM

Quant Time: Jan 04 04:13:37 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	133260	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	491269	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	184021	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	305658	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	257906	20.00	ng	-0.02
86) Perylene-d12	15.42	264	206181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	838654	93.74	ng	0.00
7) Phenol-d6	6.42	99	982775	88.27	ng	-0.01
23) Nitrobenzene-d5	7.35	82	584999	66.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	152337	85.91	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	846323	71.34	ng	-0.02
78) Terphenyl-d14	12.88	244	652647	61.01	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	74027	5.001	ng	99
70) Phenanthrene	11.33	178	118672	6.981	ng	97
71) Anthracene	11.39	178	36471	2.100	ng	98
74) Fluoranthene	12.52	202	479030	26.849	ng	98
77) Pyrene	12.75	202	460751	23.804	ng	99
80) Benzo(a)anthracene	13.94	228	423749	24.883	ng	98
82) Chrysene	13.98	228	396485	24.658	ng	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	183114	12.789	ng	# 93
87) Benzo(b)fluoranthene	15.00	252	505560m	40.229	ng	
88) Benzo(k)fluoranthene	15.02	252	131046m	10.725	ng	
89) Benzo(a)pyrene	15.36	252	319400	27.570	ng	98
90) Dibenzo(a,h)anthracene	16.89	278	52471m	5.275	ng	
91) Benzo(a,h,i)perylene	17.36	276	169096	17.168	ng	95

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

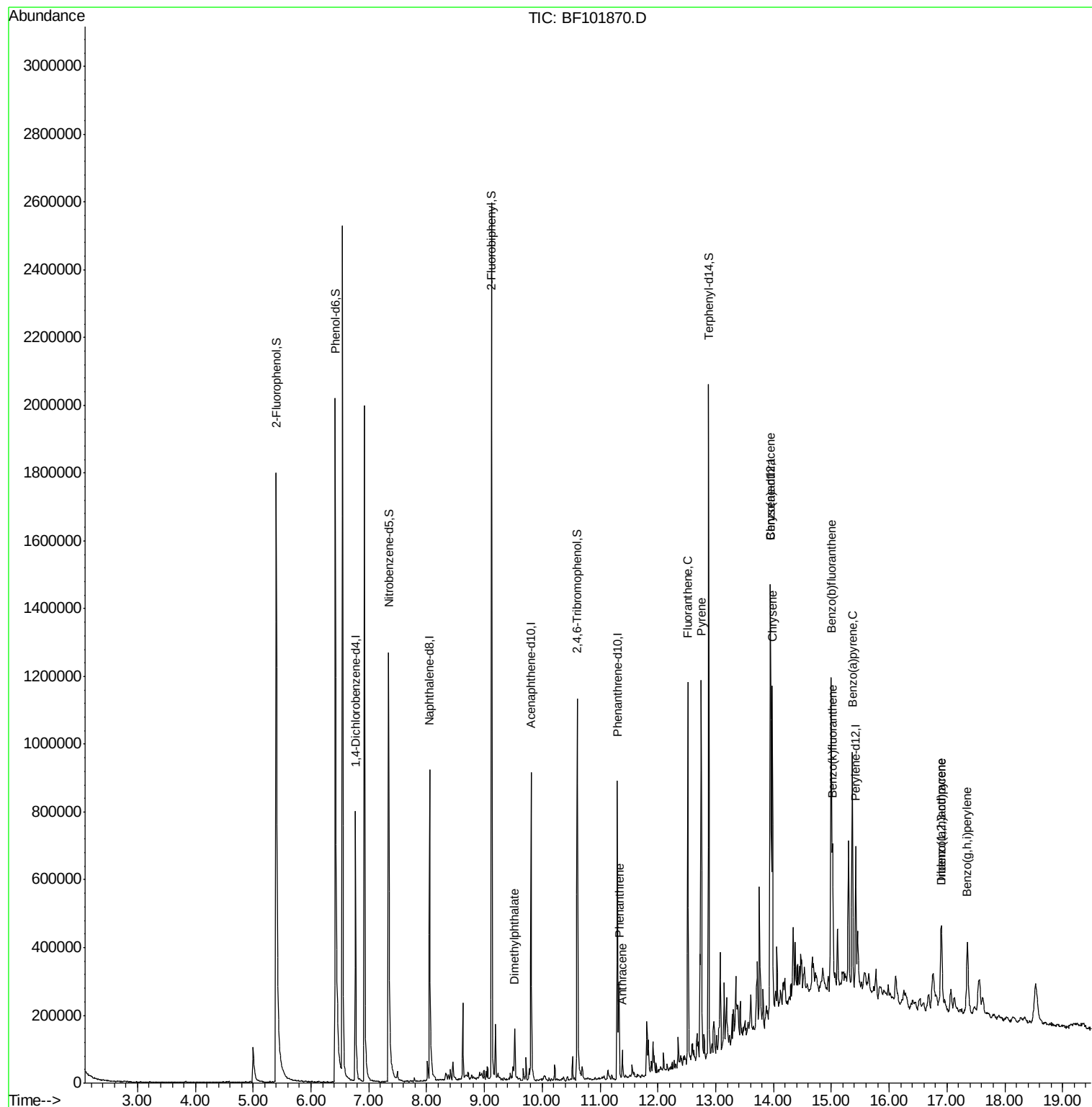
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
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ALS Vial : 17 Sample Multiplier: 1

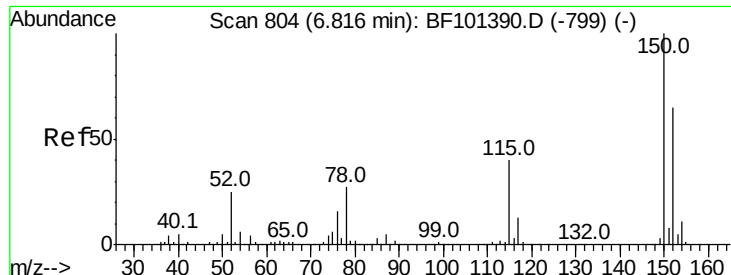
Instrument :
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#1

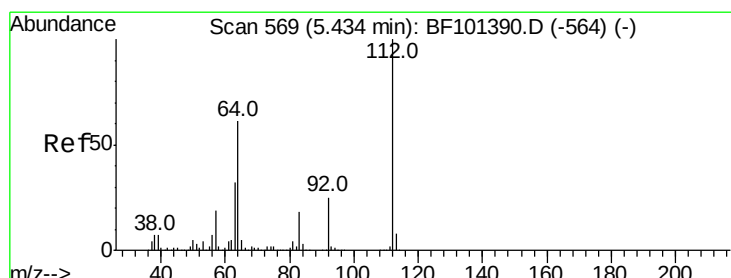
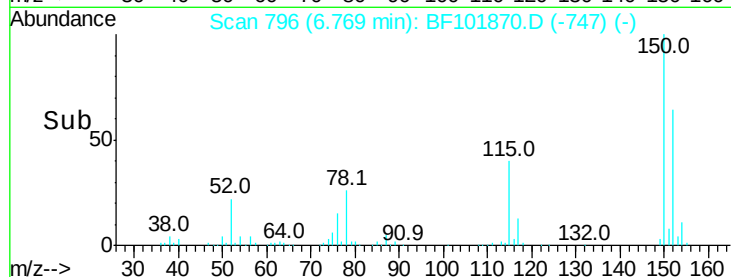
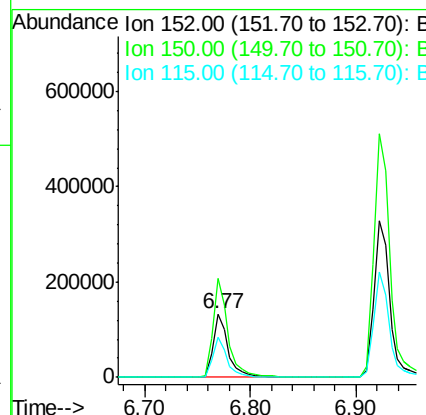
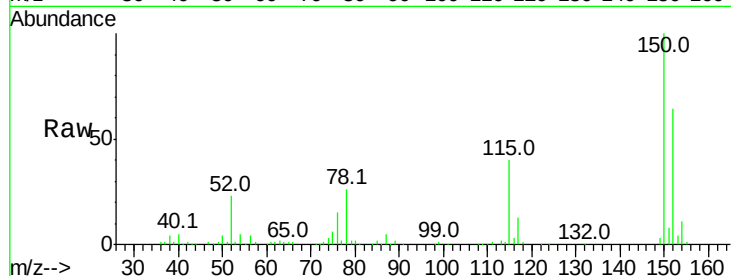
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Instrument :
BNA_F
ClientSampleId :
B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	62.9	50.1	75.1

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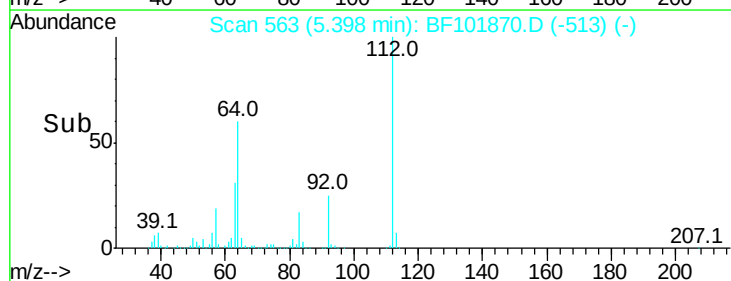
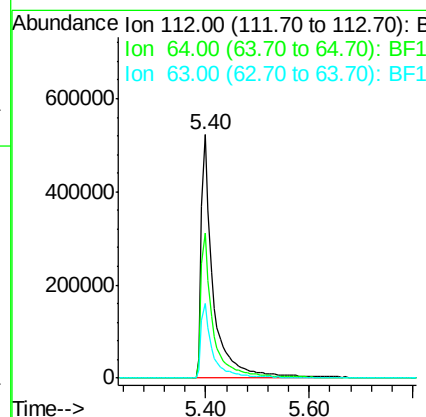
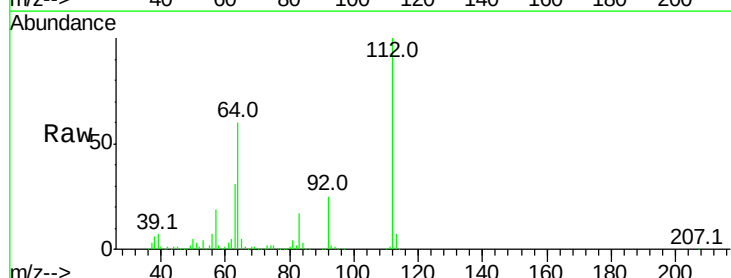
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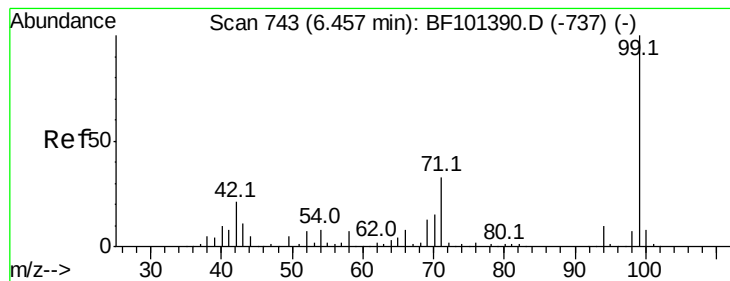


#5

2-Fluorophenol
Concen: 93.745 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.9	71.9
63	30.6	23.7	35.5





#7

Phenol-d6

Concen: 88.269 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101870.D

Acq: 3 Jan 2018 19:52

Instrument :

BNA_F

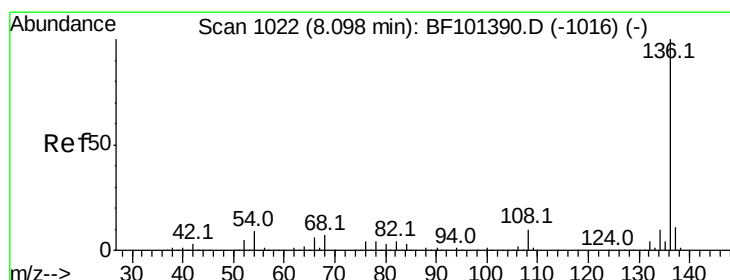
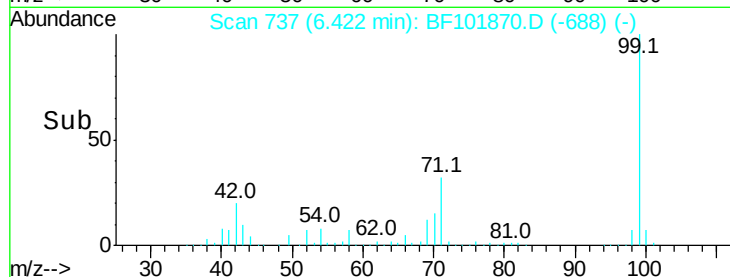
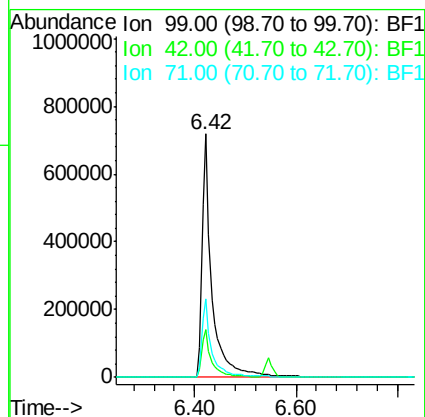
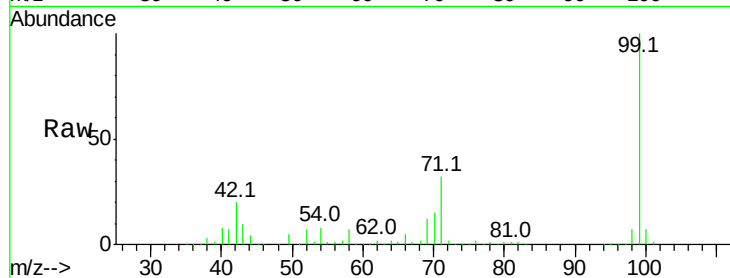
ClientSampleId :

B-10(0-10)COMP

Tot Ion:	99	Resp:	982775
Ion Ratio	Lower	Upper	
99	100		
42	19.8	14.5	21.7
71	32.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

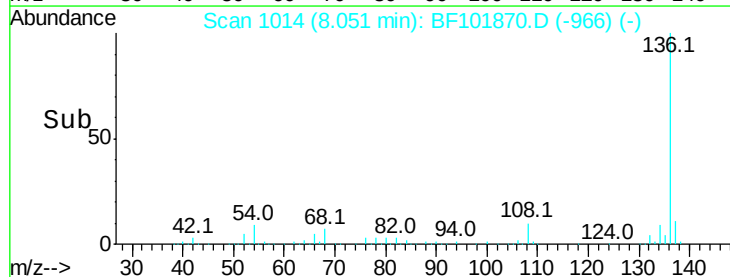
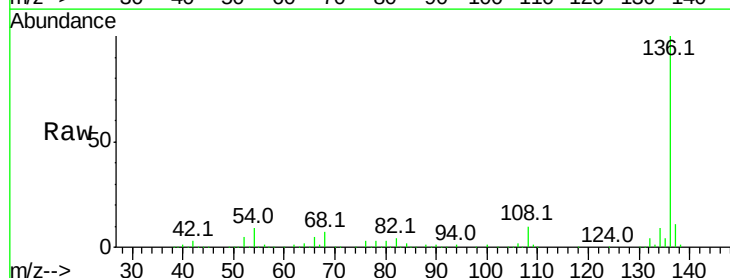
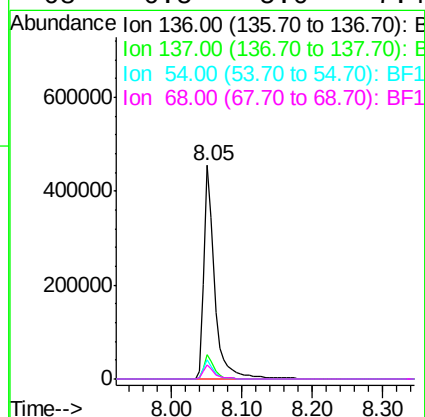
RT: 8.05 min Scan# 1014

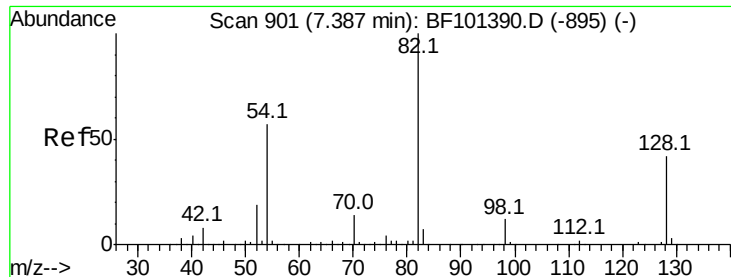
Delta R.T. -0.02 min

Lab File: BF101870.D

Acq: 3 Jan 2018 19:52

Tgt Ion:	136	Resp:	491269
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4





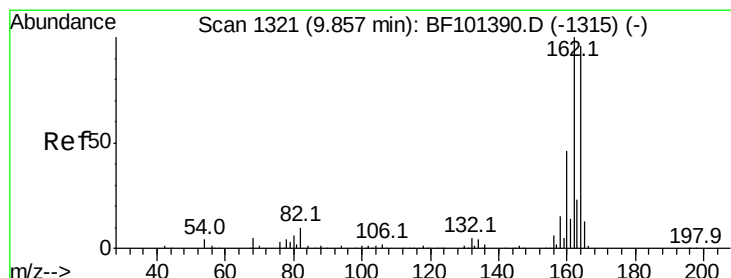
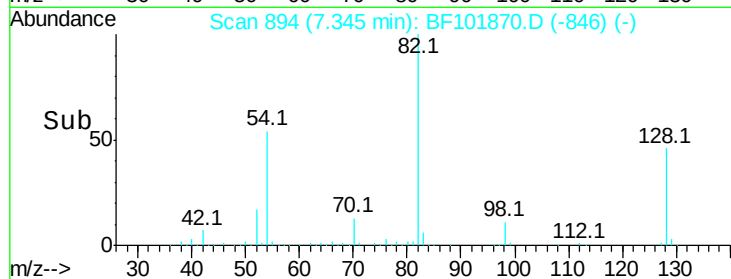
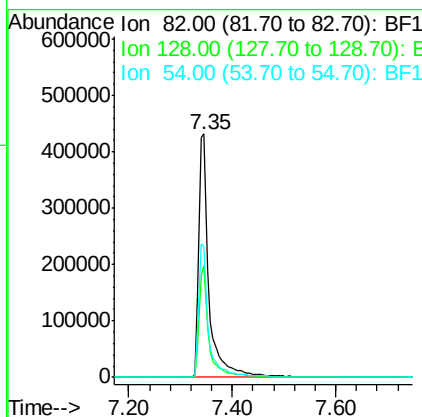
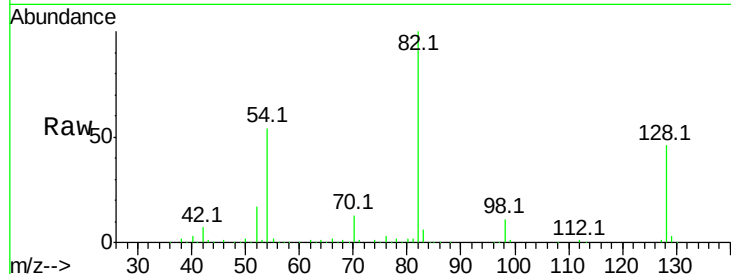
#23
 Nitrobenzene-d5
 Concen: 66.286 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF101870.D
 Acq: 3 Jan 2018 19:52

Instrument :
 BNA_F
 ClientSampleId :
 B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	53.5	41.4	62.2

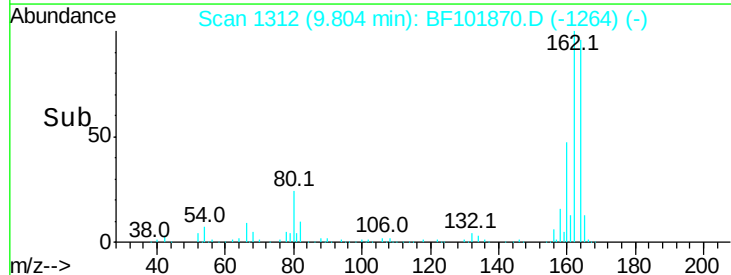
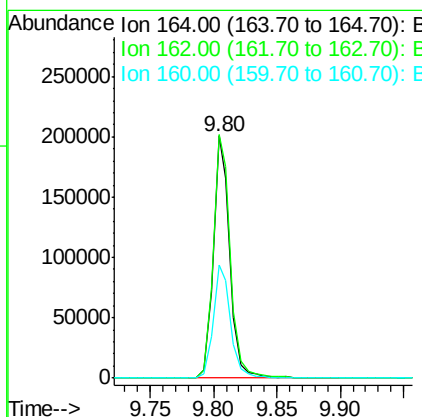
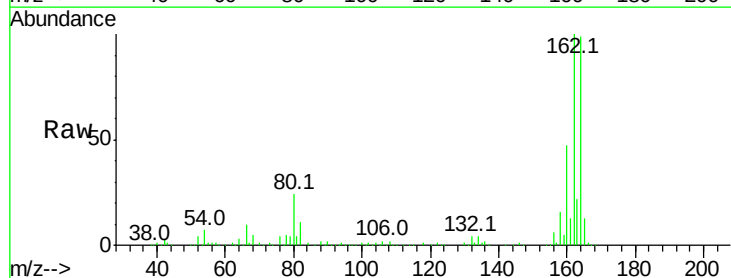
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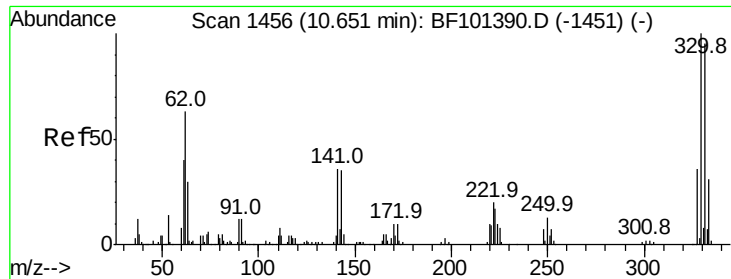
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF101870.D
 Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	86.1	129.1
160	46.9	38.3	57.5





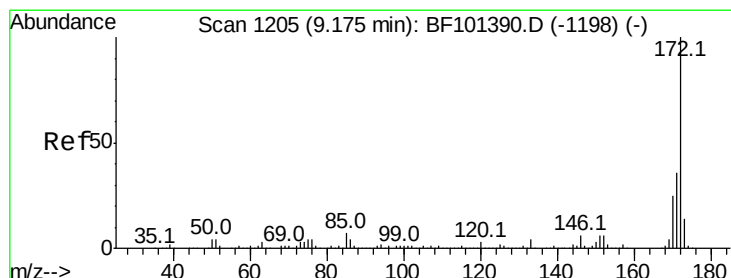
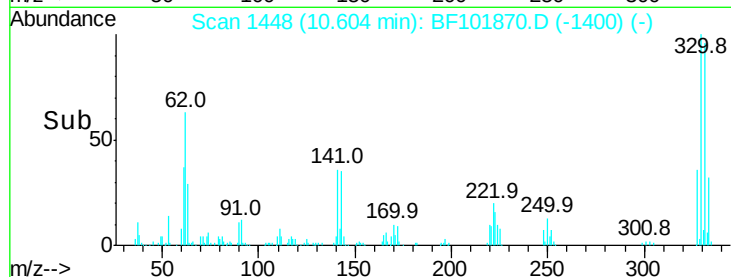
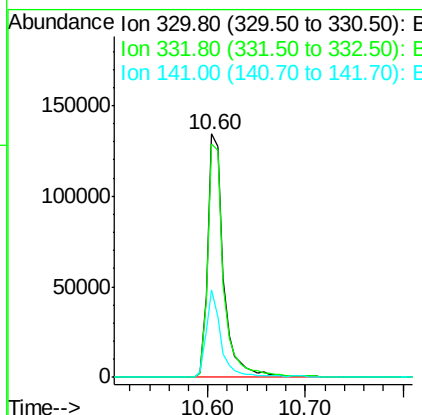
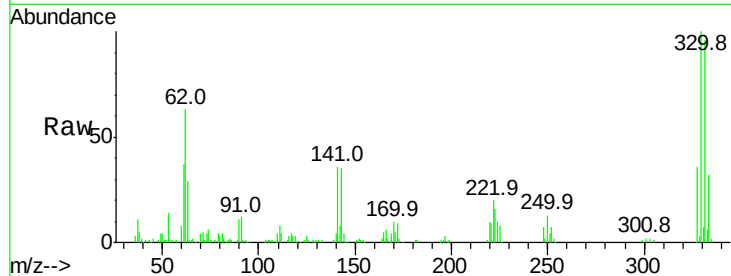
#41
 2,4,6-Tribromophenol
 Concen: 85.911 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF101870.D
 Acq: 3 Jan 2018 19:52

Instrument :
 BNA_F
 ClientSampleId :
 B-10(0-10)COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	33.3	29.9	44.9	

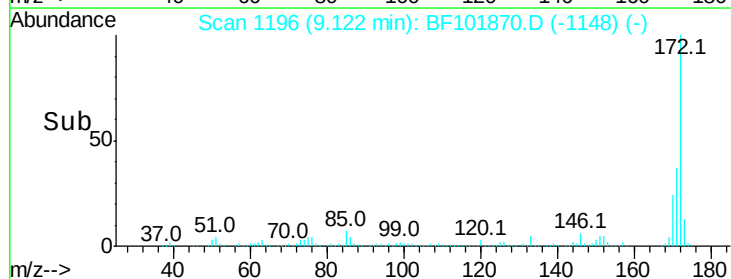
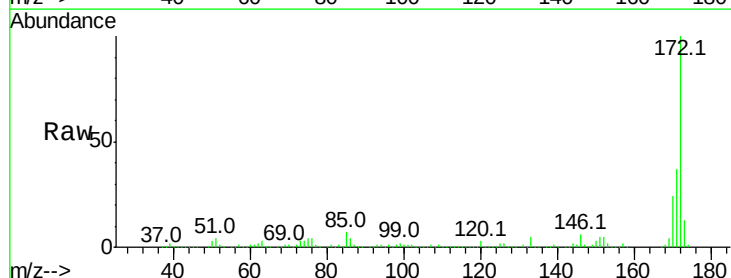
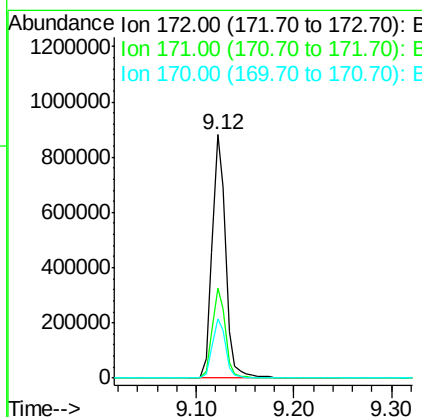
Manual Integrations
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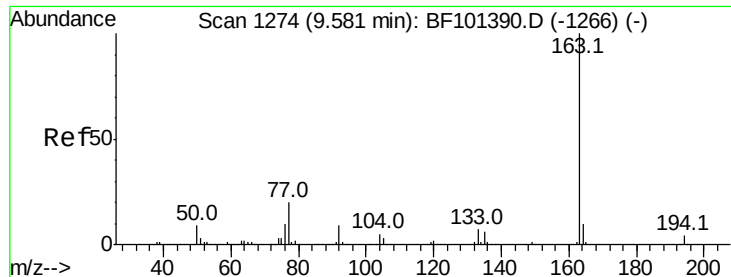
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#44
 2-Fluorobiphenyl
 Concen: 71.342 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101870.D
 Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.0	29.7	44.5	
170	24.2	19.6	29.4	





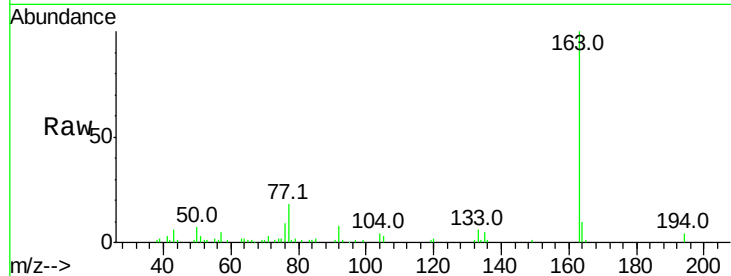
#49
Dimethylphthalate
Concen: 5.001 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Instrument :
BNA_F
ClientSampleId :
B-10(0-10)COMP

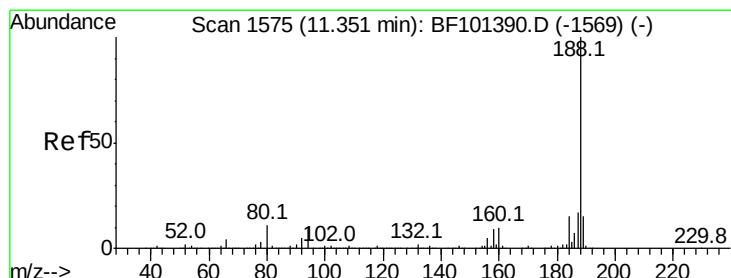
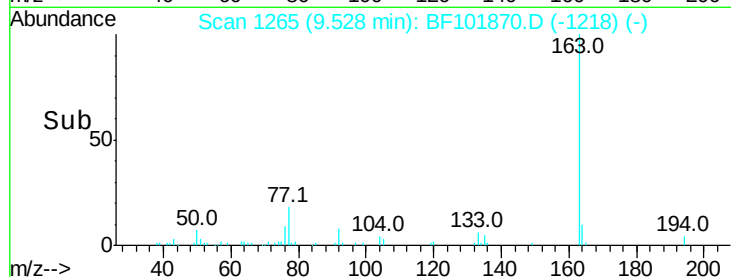
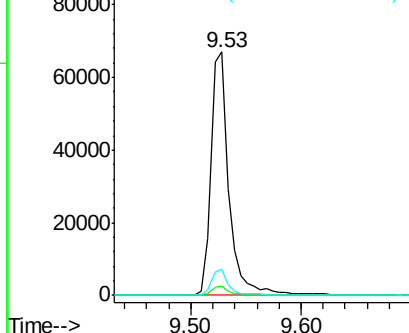
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

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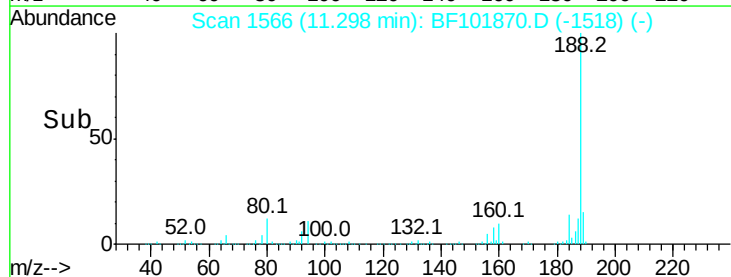
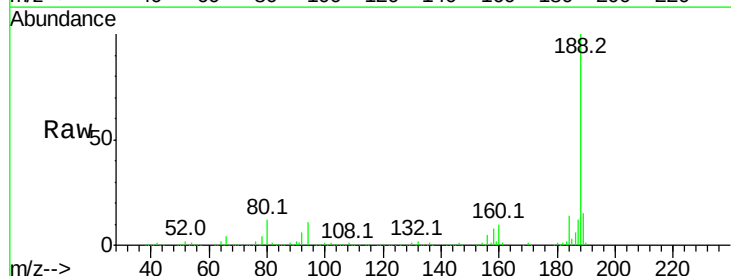
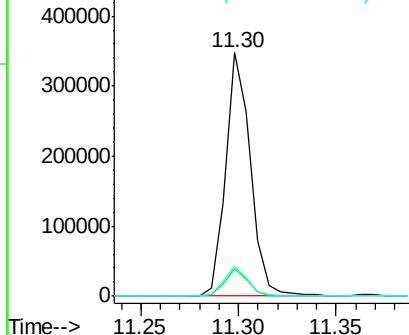
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

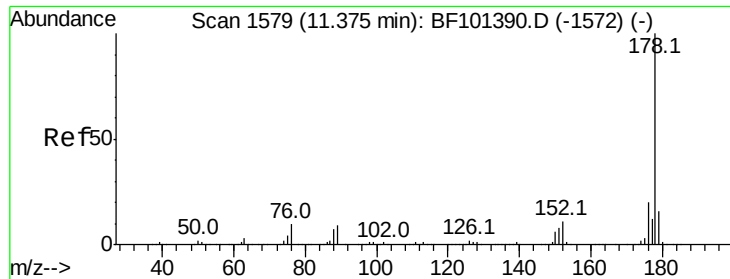


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.1	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





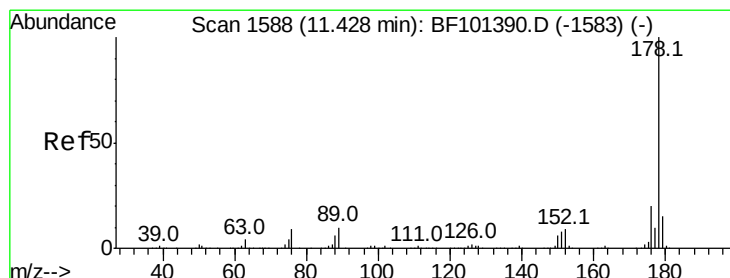
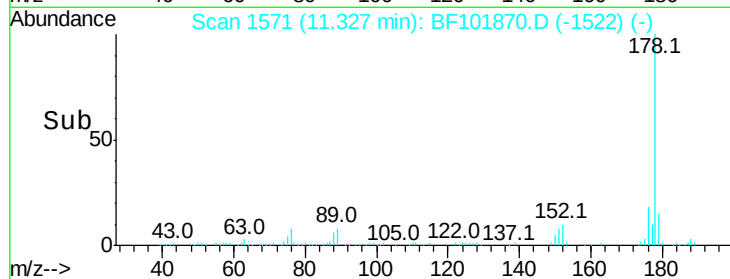
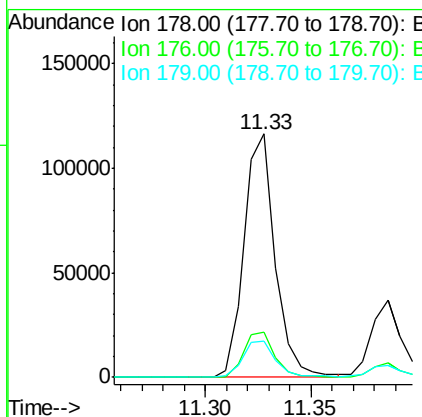
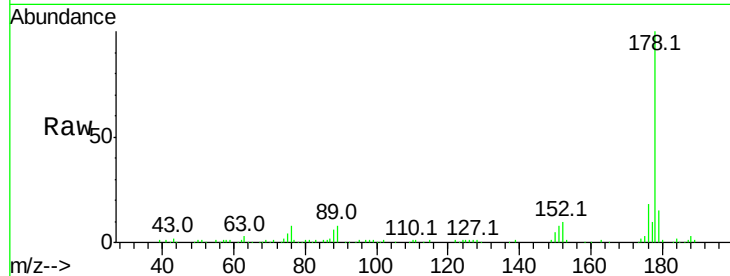
#70
Phenanthrene
Concen: 6.981 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Instrument :
BNA_F
ClientSampleId :
B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.1	13.0	19.6

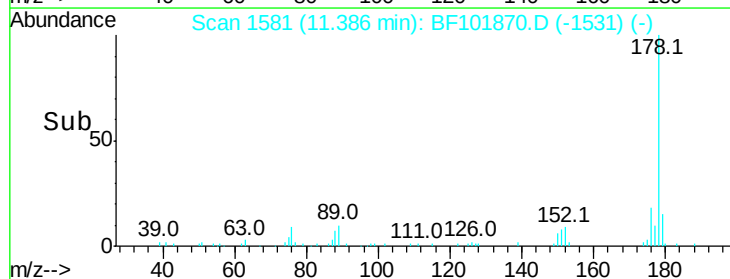
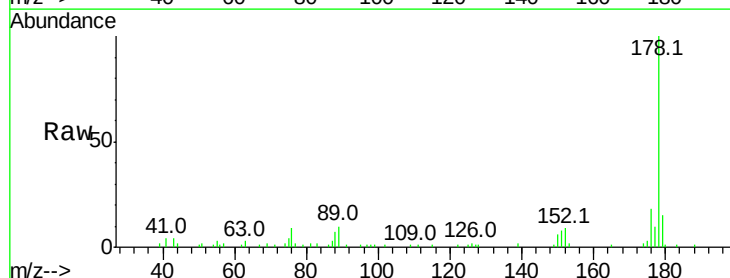
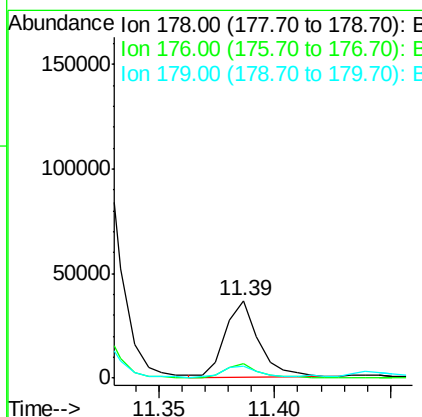
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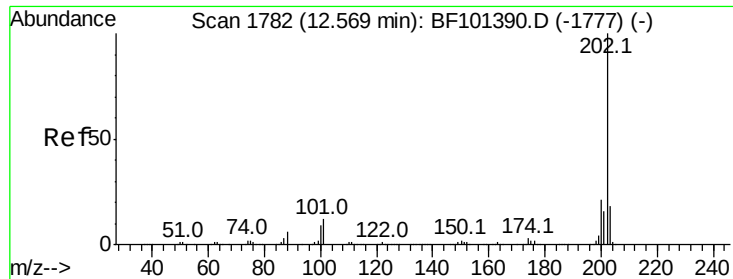
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#71
Anthracene
Concen: 2.100 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.8	12.6	19.0





#74

Fluoranthene

Concen: 26.849 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF101870.D

Acq: 3 Jan 2018 19:52

Instrument :

BNA_F

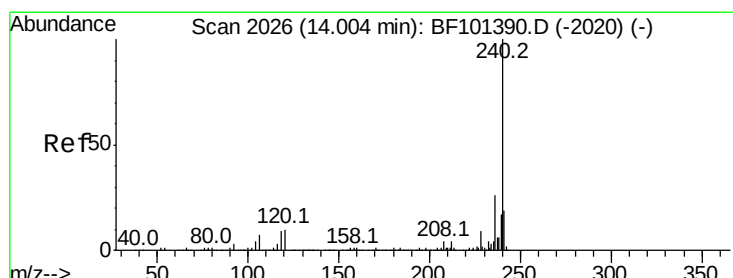
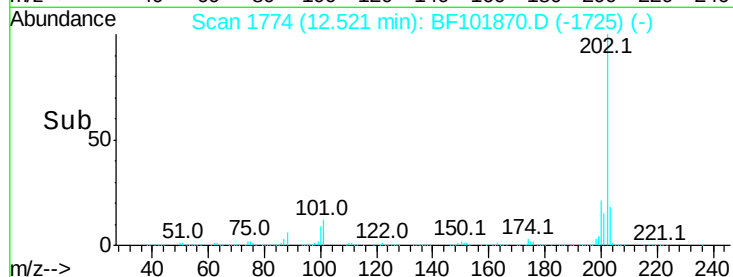
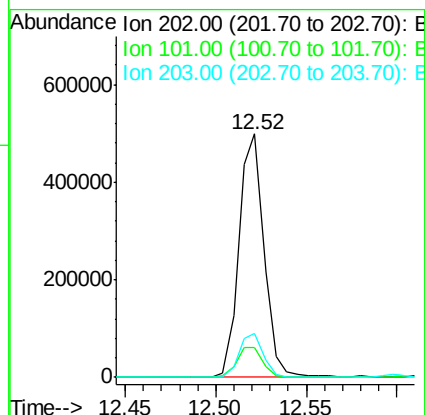
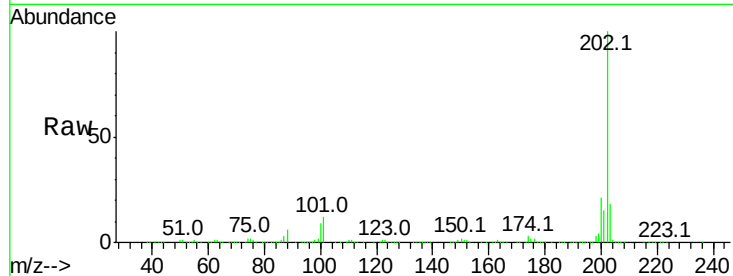
ClientSampleId :

B-10(0-10)COMP

Tot Ion:	202	Resp:	479030
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	18.0	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

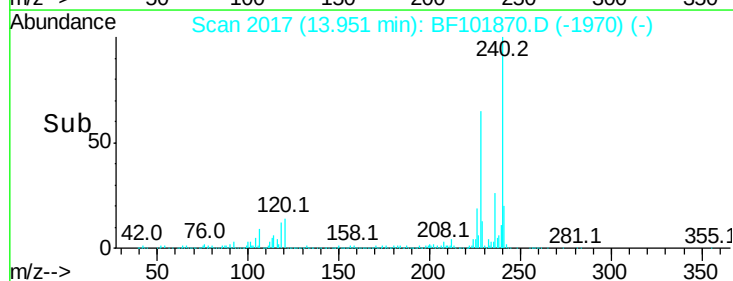
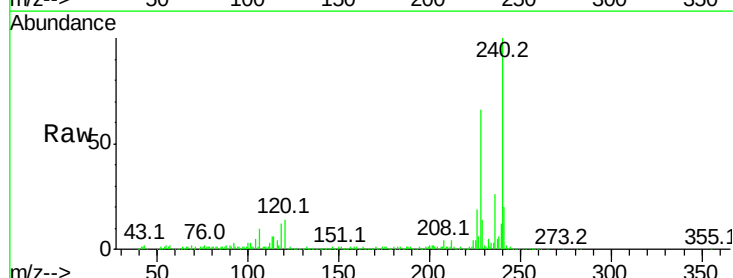
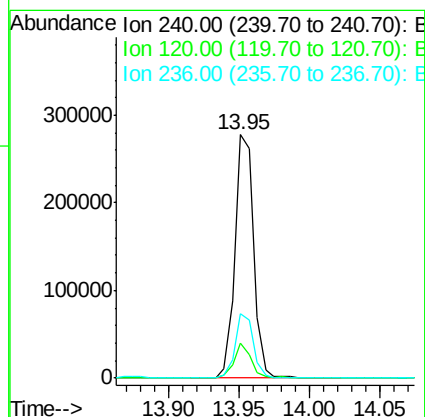
RT: 13.95 min Scan# 2017

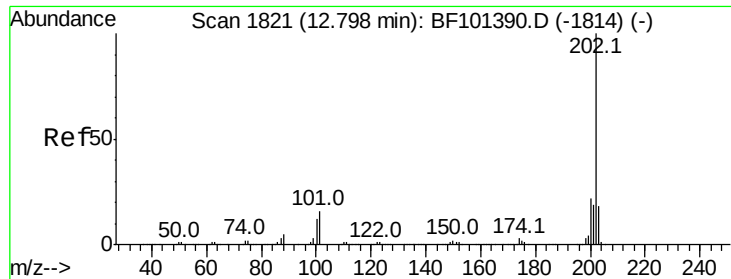
Delta R.T. -0.02 min

Lab File: BF101870.D

Acq: 3 Jan 2018 19:52

Tgt Ion:	240	Resp:	257906
Ion Ratio	Lower	Upper	
240	100		
120	14.3	9.5	14.3#
236	26.2	20.7	31.1





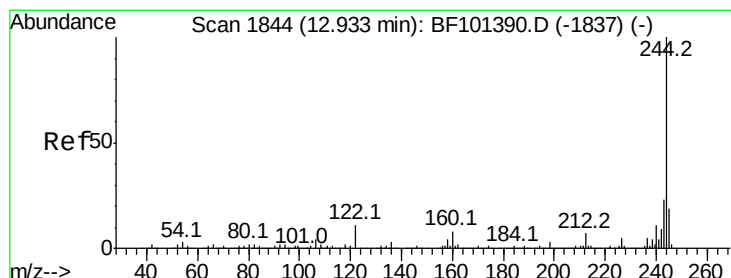
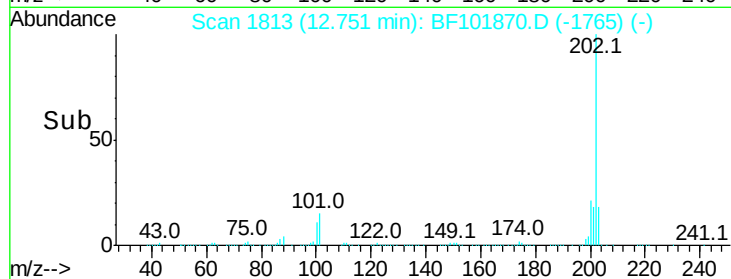
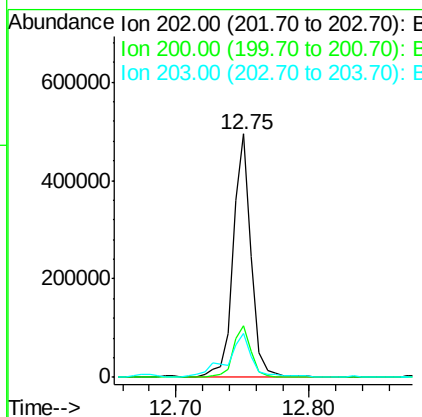
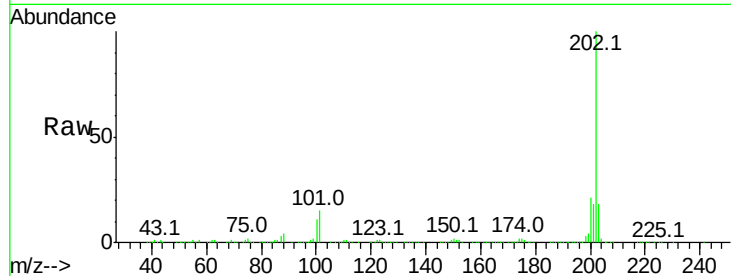
#77
Pvrene
Concen: 23.804 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Instrument :
BNA_F
ClientSampleId :
B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.0	14.3	21.5

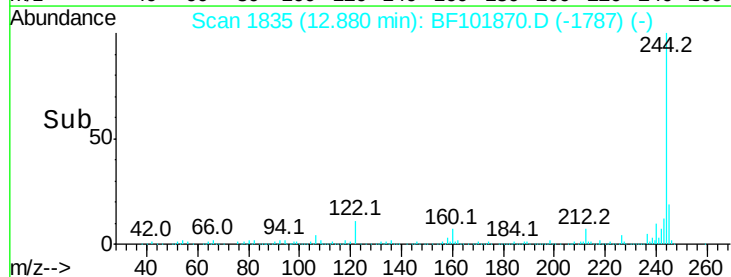
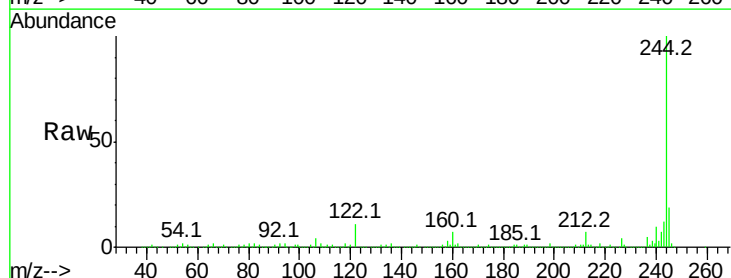
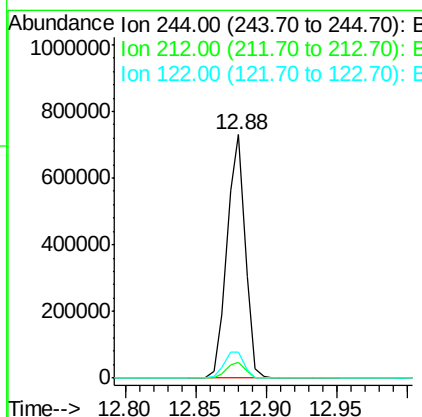
Manual Integrations
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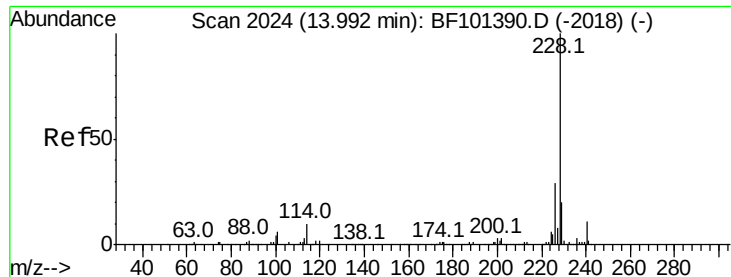
Sohil
1/4/2018 1:56:37 PM



#78
Terphenyl-d14
Concen: 61.006 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.9	11.0	16.4





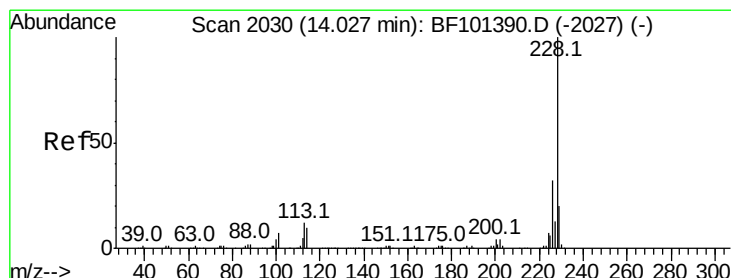
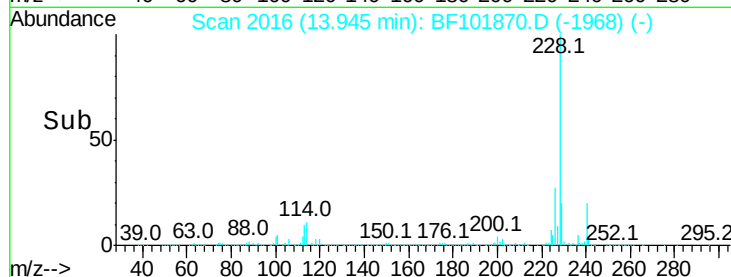
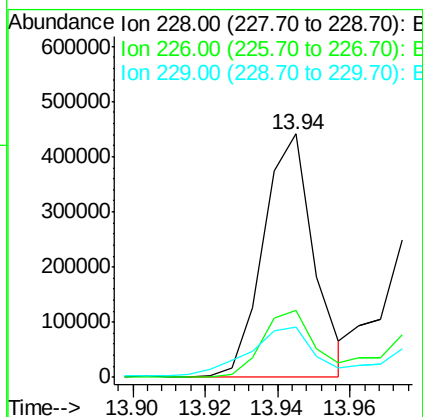
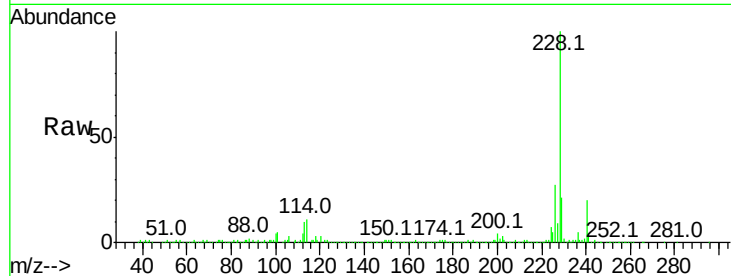
#80
Benzo(a)anthracene
Concen: 24.883 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Instrument :
BNA_F
ClientSampleId :
B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	20.5	15.8	23.6

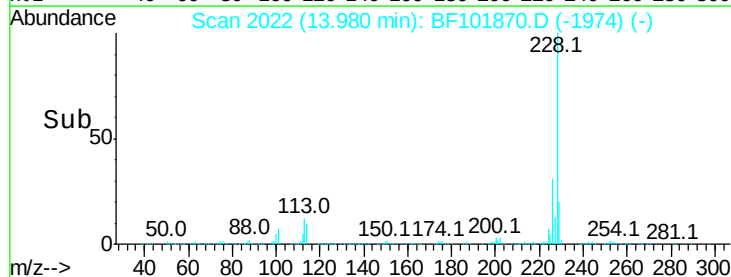
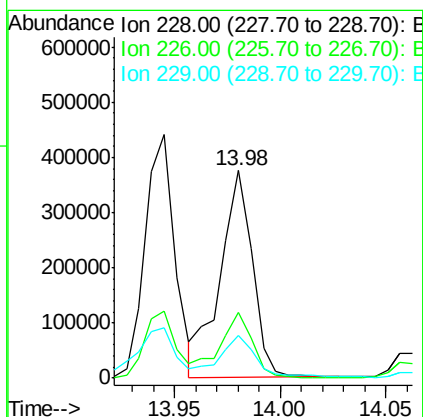
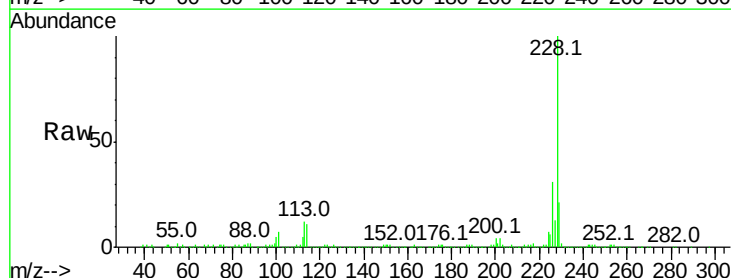
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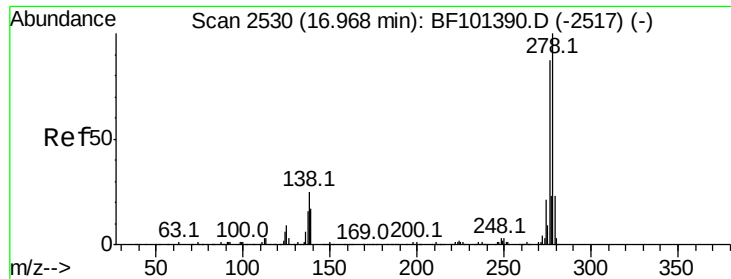
Sohil
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#82
Chrysene
Concen: 24.658 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.8	16.2	24.4





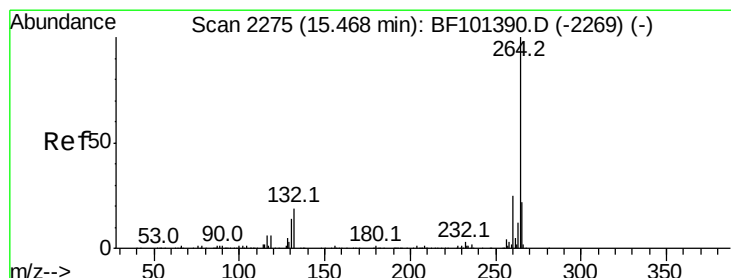
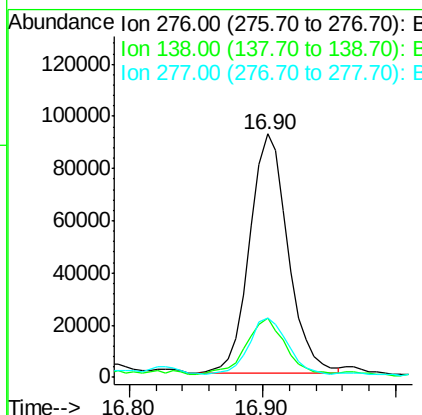
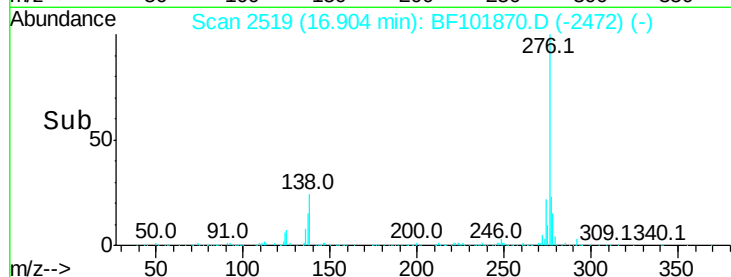
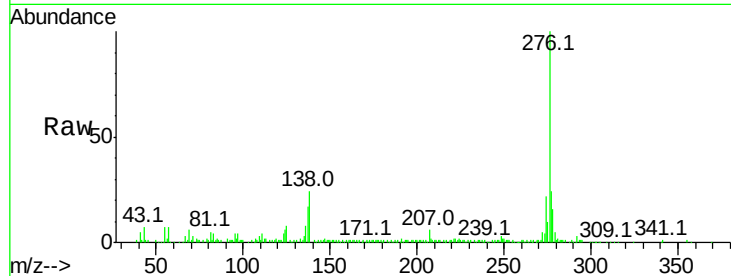
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.789 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF101870.D
 Acq: 3 Jan 2018 19:52

Instrument :
 BNA_F
 ClientSampleId :
 B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	24.3	20.1	30.1

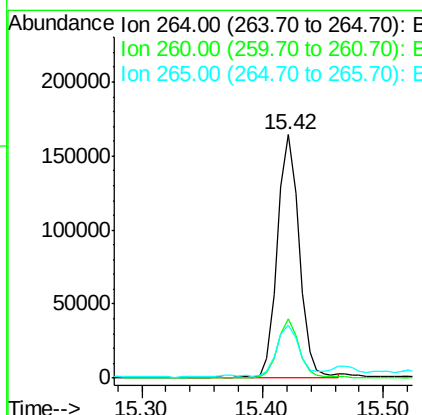
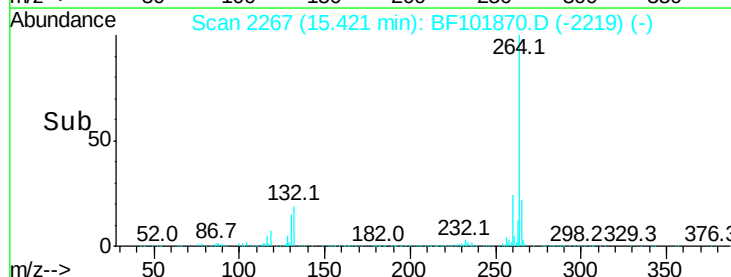
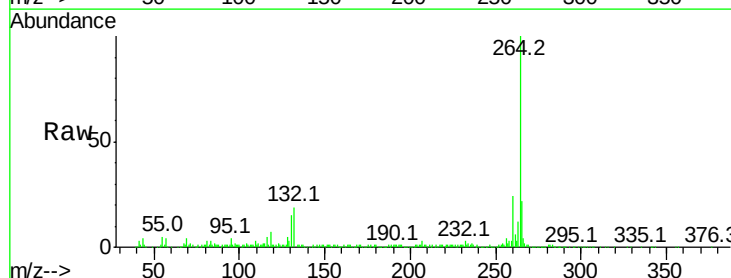
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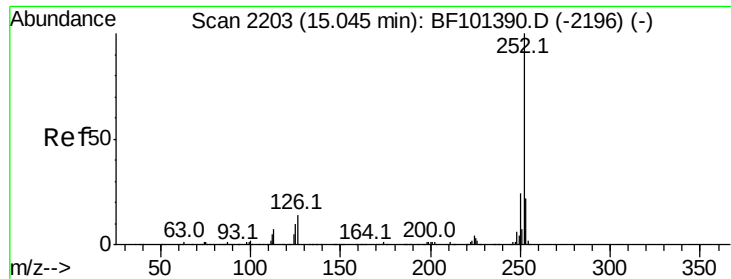
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF101870.D
 Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.5	26.3





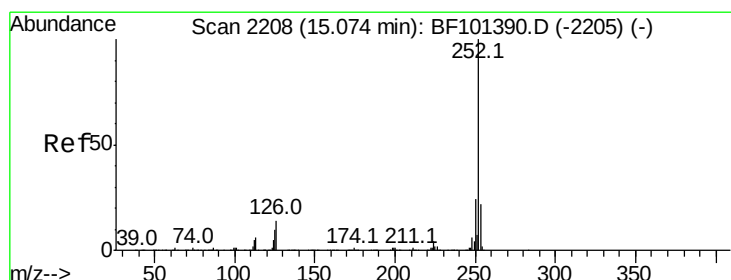
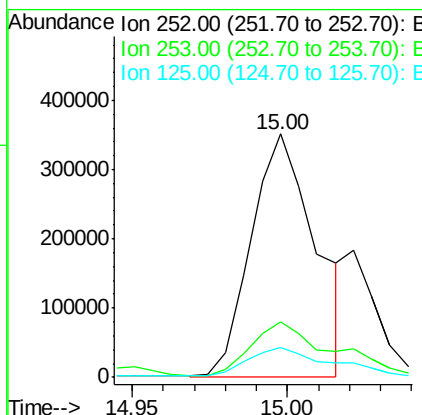
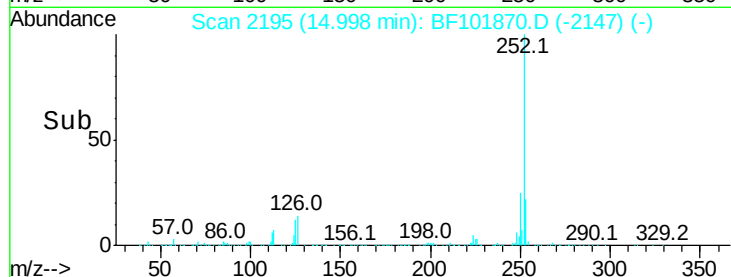
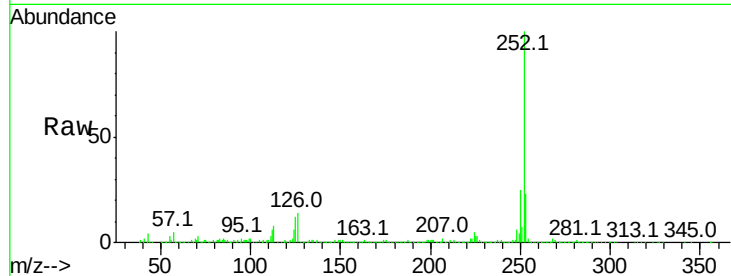
#87
Benzo(b)fluoranthene
Concen: 40.229 ng m
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Instrument :
BNA_F
ClientSampleId :
B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	12.3	9.0	13.6

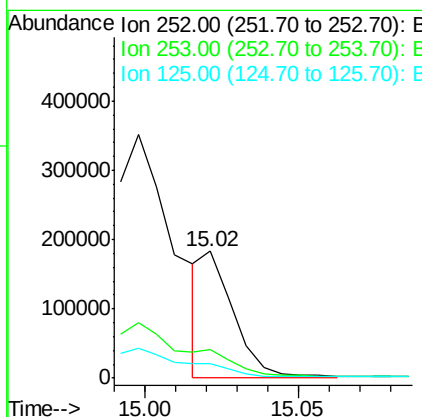
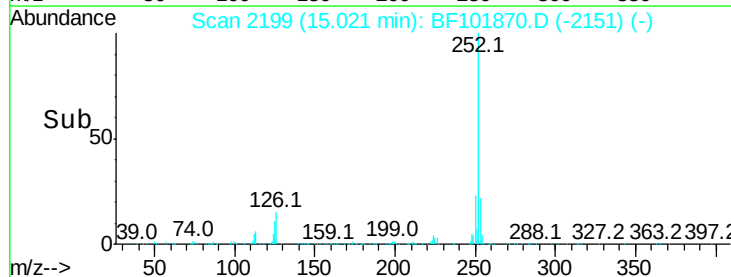
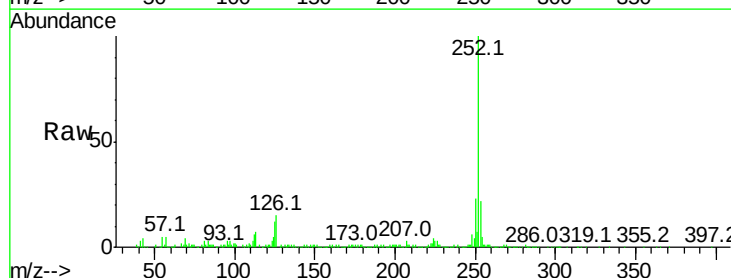
Manual Integrations
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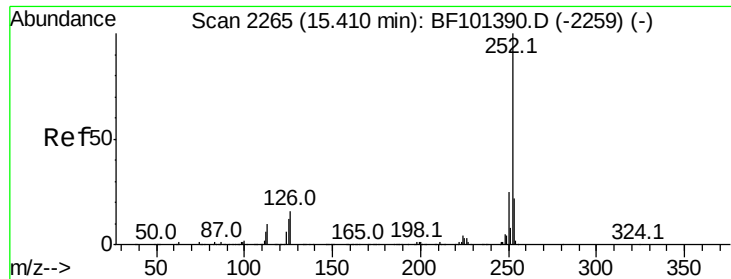
Sohil
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#88
Benzo(k)fluoranthene
Concen: 10.725 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	11.5	10.2	15.2





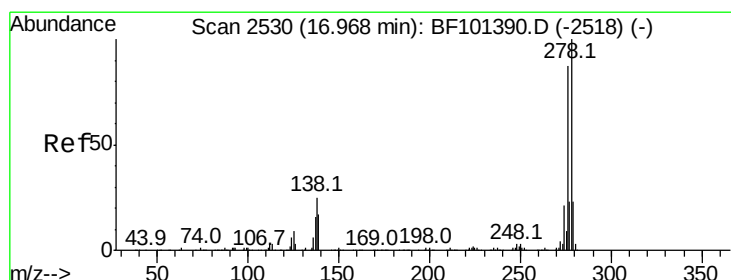
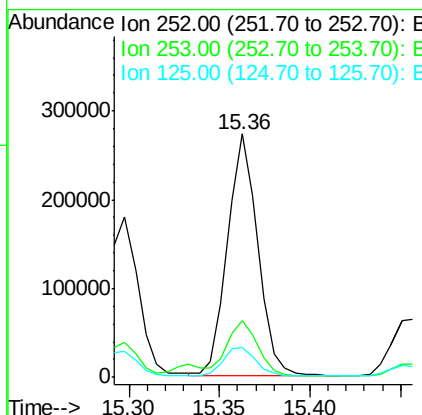
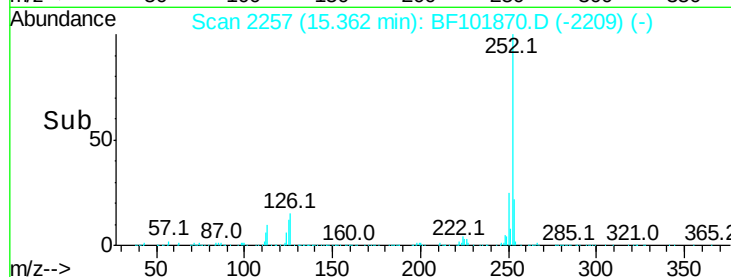
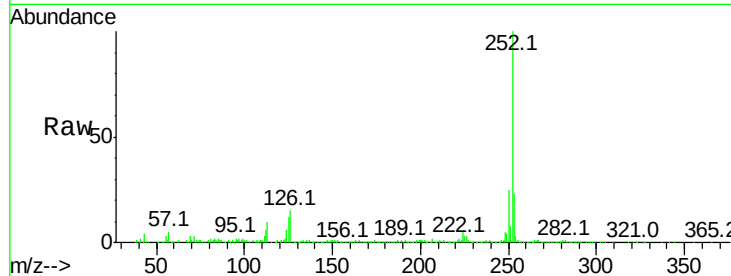
#89
Benzo(a)pyrene
Concen: 27.570 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Instrument :
BNA_F
ClientSampleId :
B-10(0-10)COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	12.4	9.8	14.6

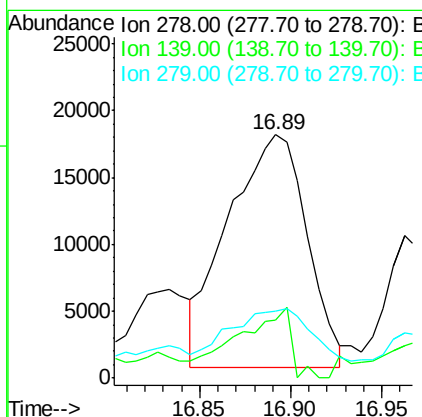
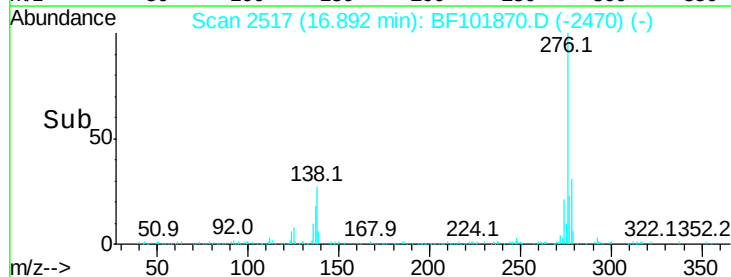
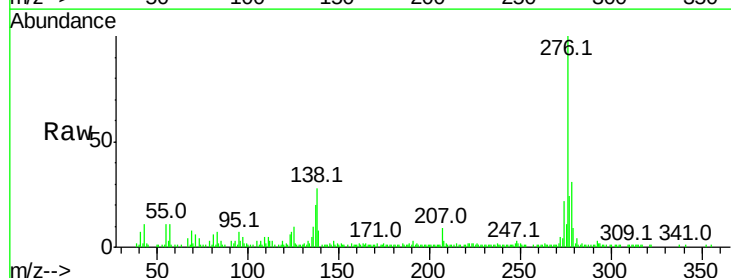
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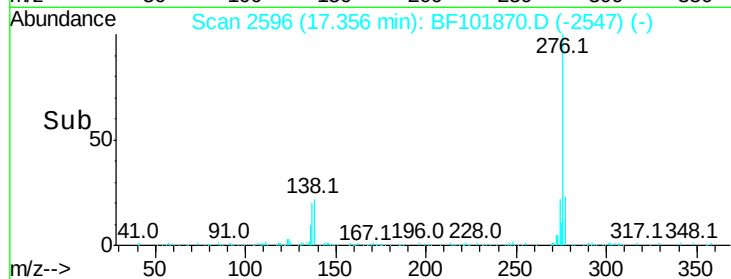
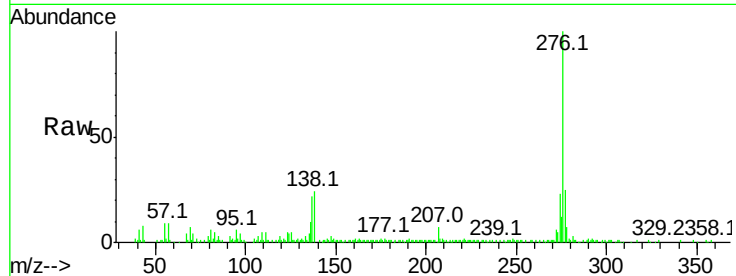
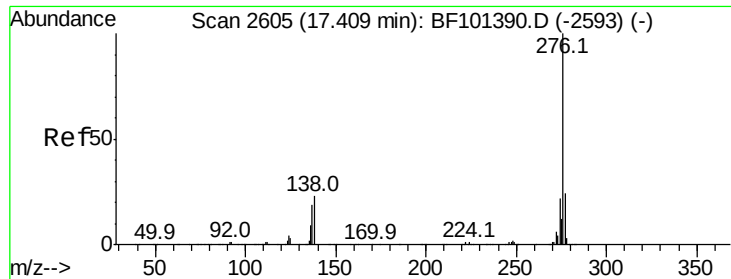
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 5.275 ng m
RT: 16.89 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF101870.D
Acq: 3 Jan 2018 19:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.9	15.9	23.9#
279	27.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 17.168 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BF101870.D

Acq: 3 Jan 2018 19:52

Instrument :

BNA_F

ClientSampleId :

B-10(0-10)COMP

Tot Ion:	276	Resp:	169096
Ion Ratio	Lower	Upper	
276	100		
277	24.8	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
APPROVED

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