

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092246.D
 Acq On : 13 Jan 2017 13:46
 Operator : UM/SJ
 Sample : I1131-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-004

Manual Integrations
 APPROVED

Sohil
 1/16/2017 12:00:41 PM

Quant Time: Jan 16 10:08:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	153265	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	626670	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	308873	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	458141	20.00	ng	0.00
75) Chrysene-d12	13.72	240	328975	20.00	ng	-0.01
86) Perylene-d12	15.08	264	301643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1748196	190.46	ng	0.01
7) Phenol-d6	6.26	99	1839434	164.14	ng	0.00
23) Nitrobenzene-d5	7.16	82	1297143	115.10	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	407839	159.55	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	1459906	98.96	ng	0.00
78) Terphenyl-d14	12.68	244	1109414	81.79	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.27	94	39928	3.13	ng	90
49) Dimethylphthalate	9.35	163	375811	19.02	ng	99
70) Phenanthrene	11.12	178	77255	3.11	ng	98
74) Fluoranthene	12.30	202	143707	3.03	ng	95
77) Pyrene	12.53	202	118713	4.92	ng	97
80) Benzo(a)anthracene	13.72	228	68692	3.70	ng	96
82) Chrysene	13.75	228	51810m	2.78	ng	
85) Indeno(1,2,3-cd)pyrene	16.33	276	39062	2.42	ng	97
87) Benzo(b)fluoranthene	14.71	252	96676m	5.15	ng	
89) Benzo(a)pyrene	15.03	252	58139	3.49	ng	98
91) Benzo(a,h,i)perylene	16.69	276	37378	2.62	ng	# 91

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

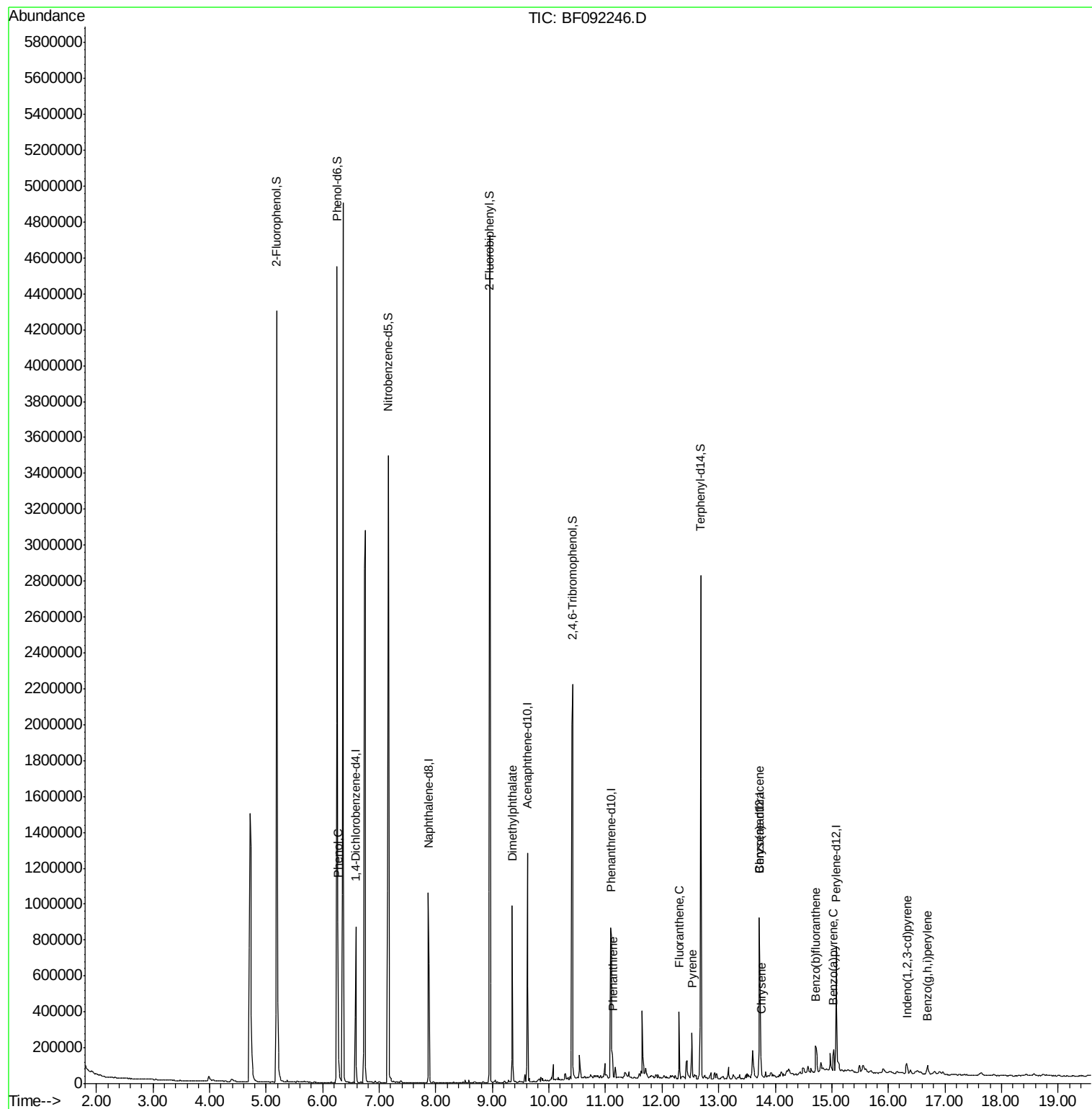
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092246.D
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Operator : UM/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

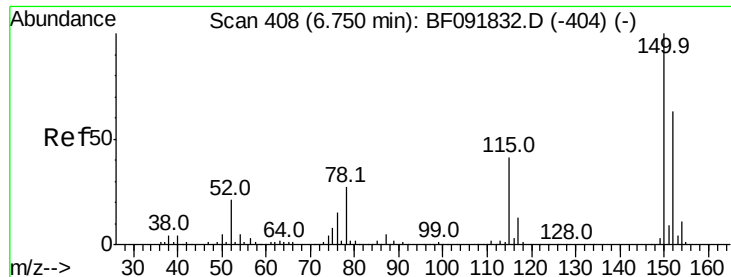
Instrument :
BNA_F
ClientSampleId :
SW-004

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Response via : Initial Calibration





#1

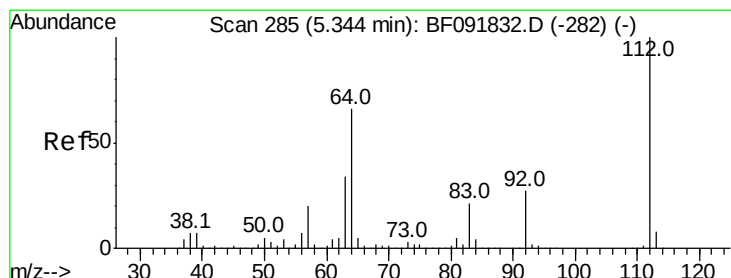
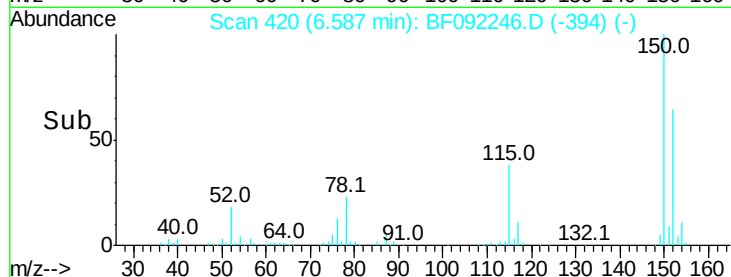
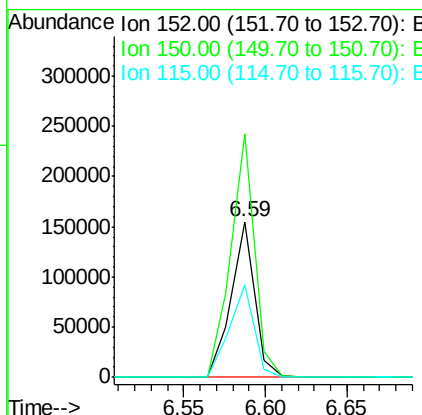
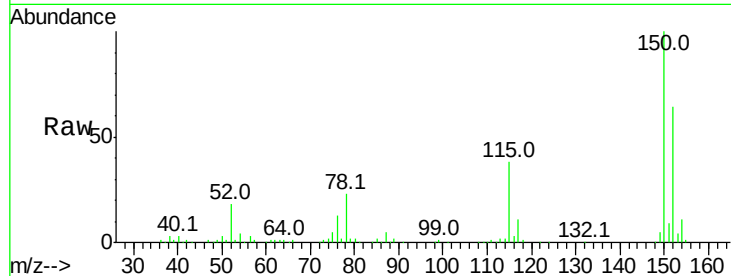
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	59.3	46.0	69.0

Manual Integrations
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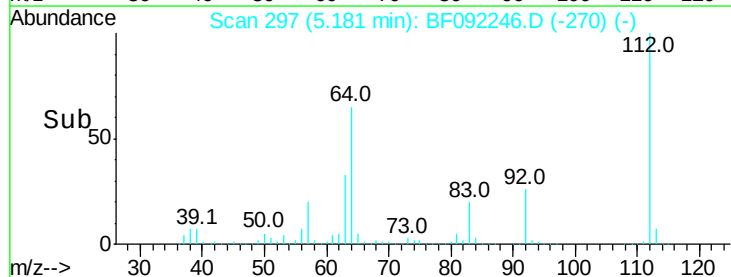
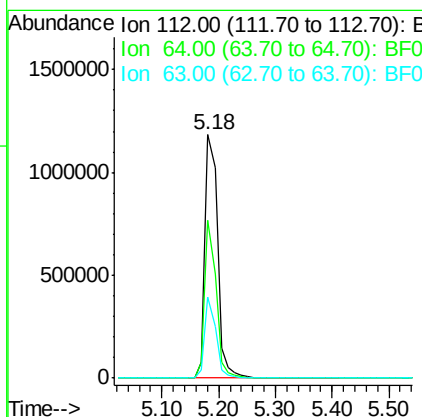
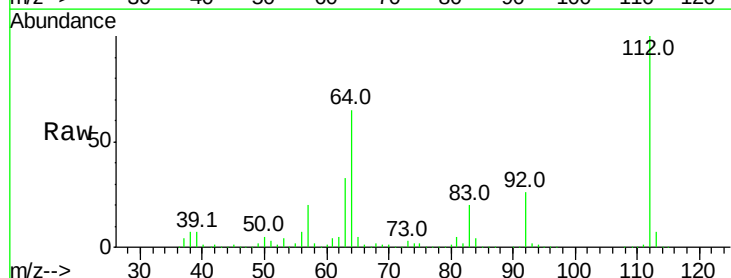
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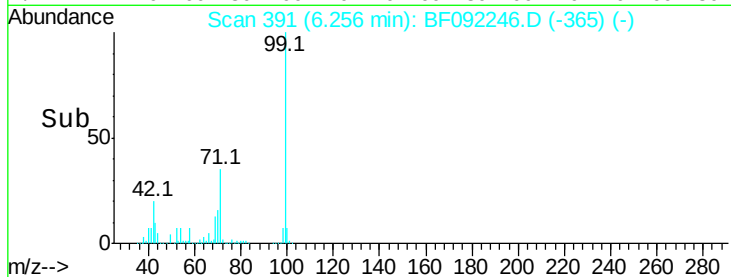
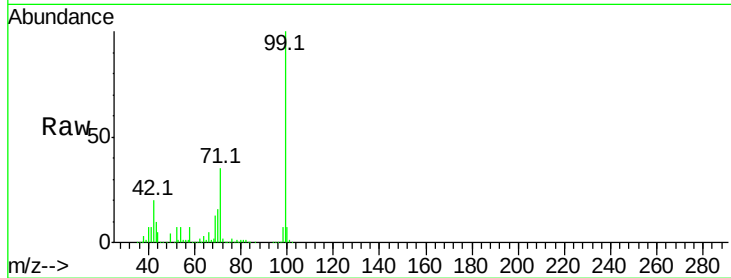
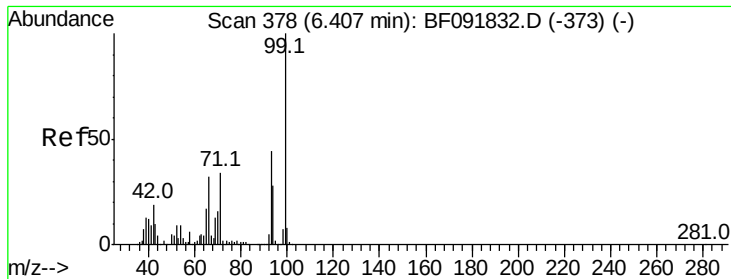


#5

2-Fluorophenol
Concen: 190.46 ng
RT: 5.18 min Scan# 297
Delta R.T. 0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	46.1	69.1
63	33.2	23.8	35.6





#7

Phenol-d6

Concen: 164.14 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092246.D

Acq: 13 Jan 2017 13:46

Tot Ion: 99 Resp: 1839434

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 34.8 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

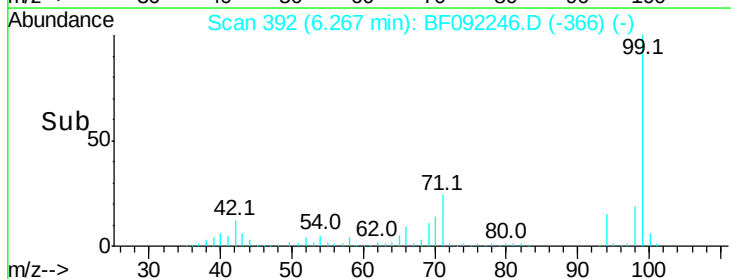
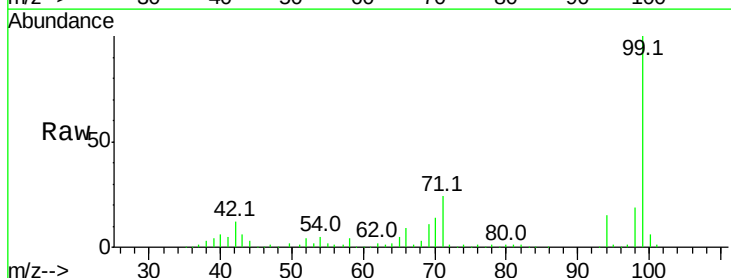
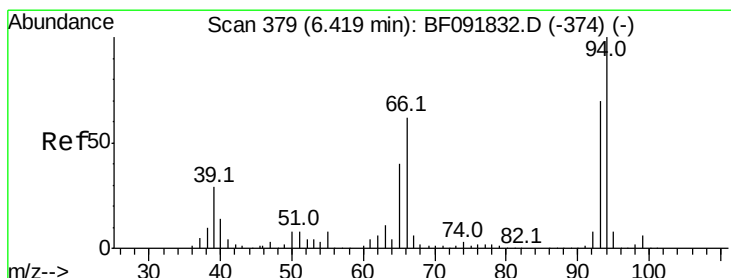
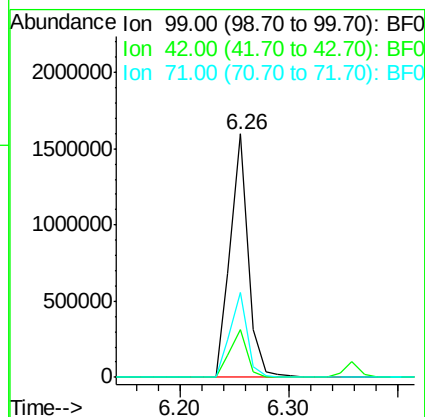
SW-004

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#10

Phenol

Concen: 3.13 ng

RT: 6.27 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF092246.D

Acq: 13 Jan 2017 13:46

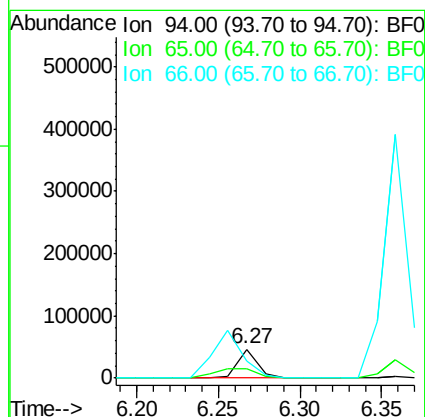
Tgt Ion: 94 Resp: 39928

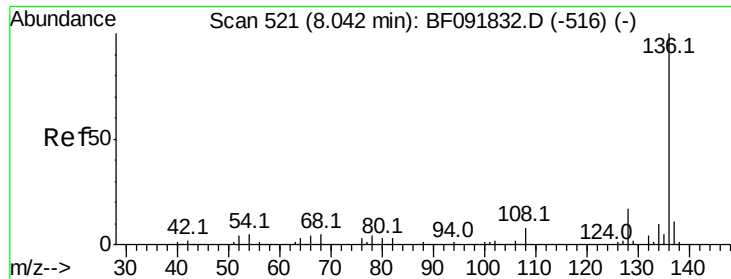
Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

66 58.9 44.0 84.0





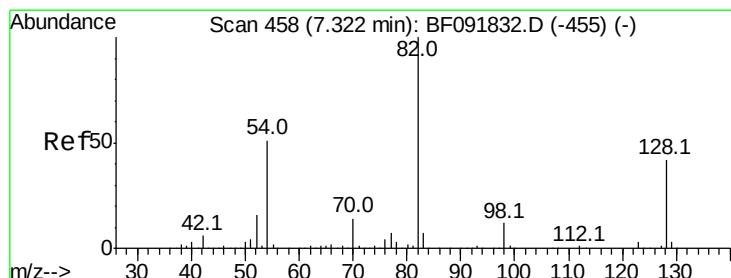
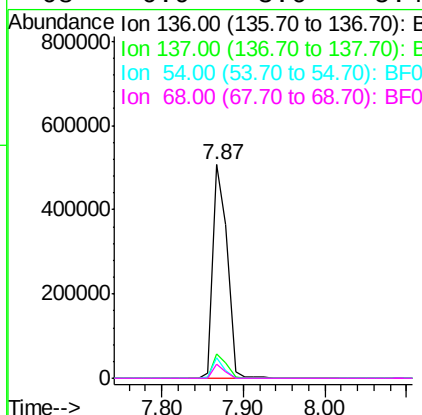
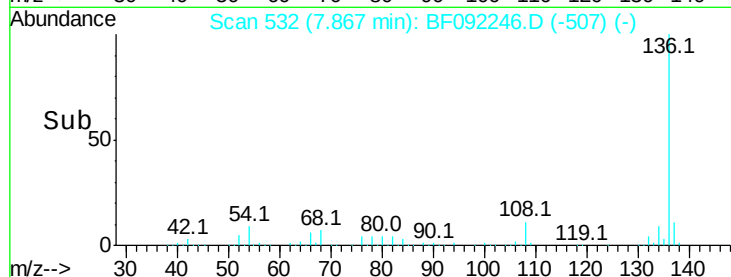
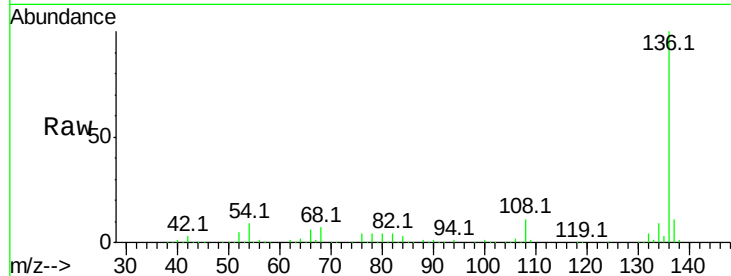
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	9.4	4.5	6.7	
68	6.9	3.6	5.4	

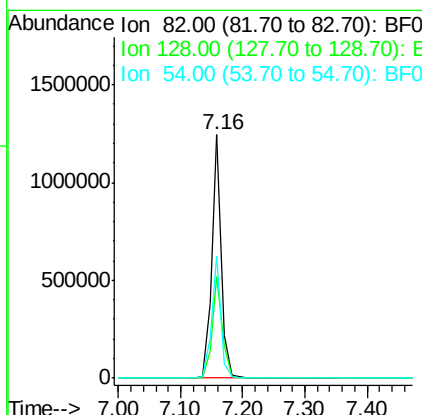
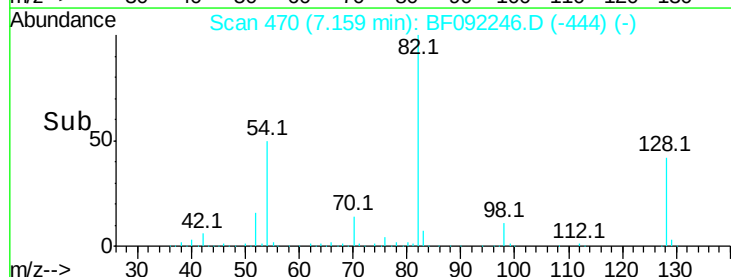
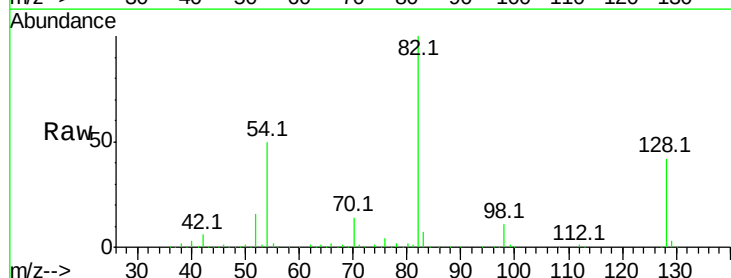
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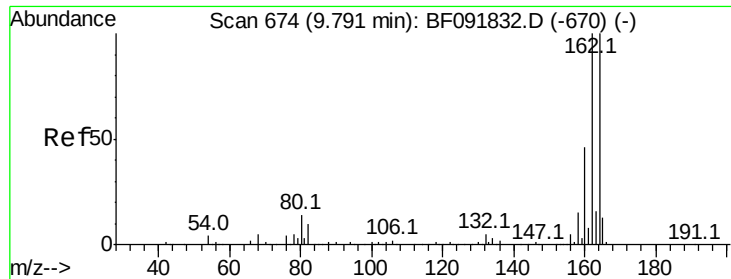
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#23
Nitrobenzene-d5
Concen: 115.10 ng
RT: 7.16 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	34.6	52.0	
54	50.0	39.5	59.3	





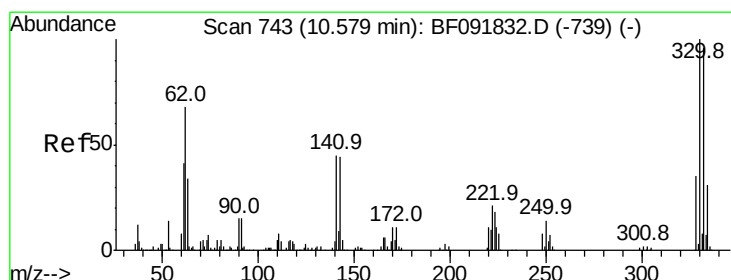
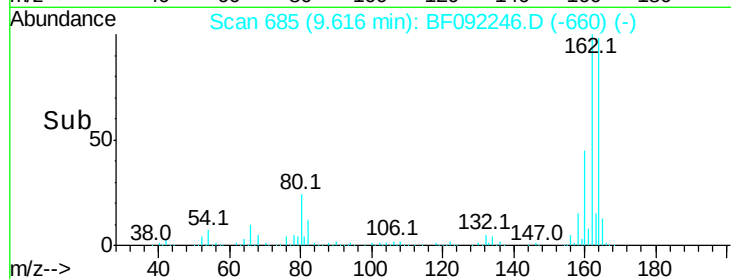
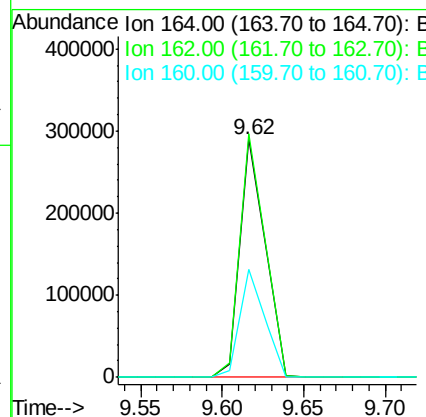
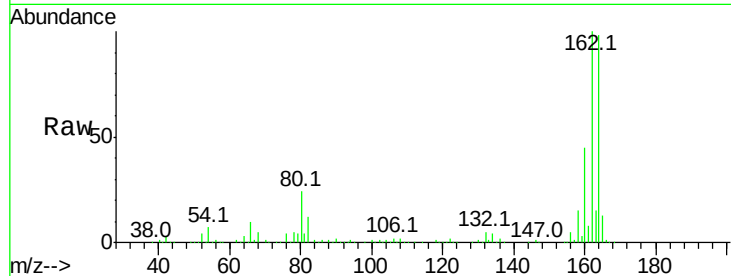
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	45.5	36.9	55.3

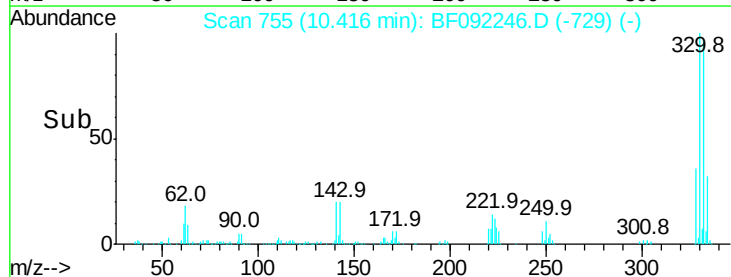
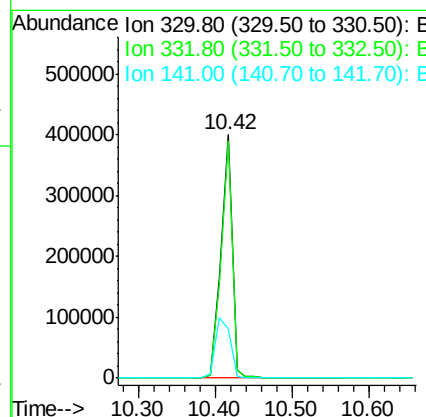
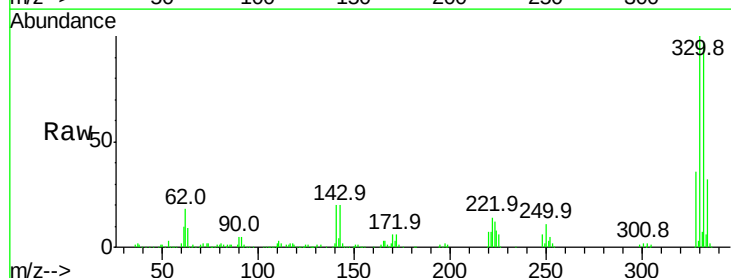
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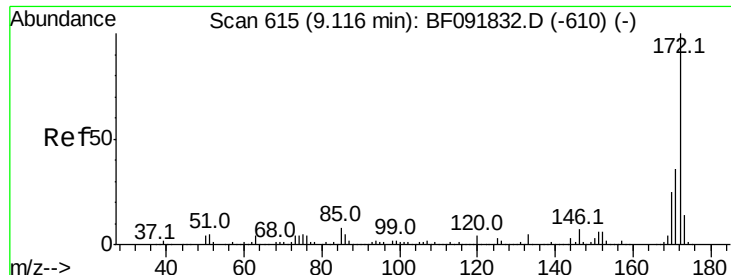
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#41
2,4,6-Tribromophenol
Concen: 159.55 ng
RT: 10.42 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	32.7	34.1	51.1#





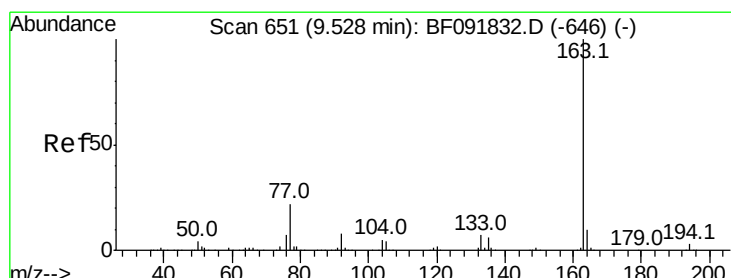
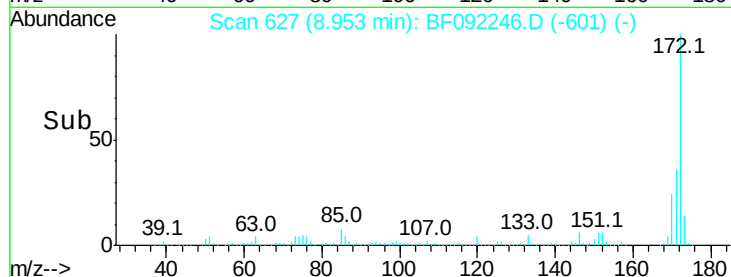
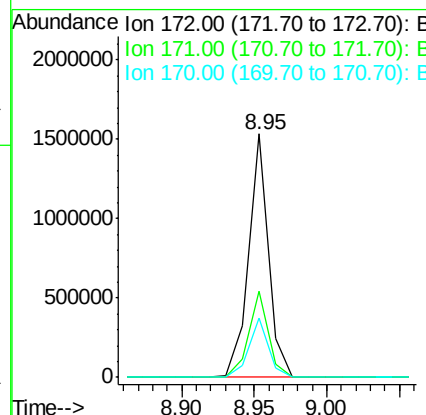
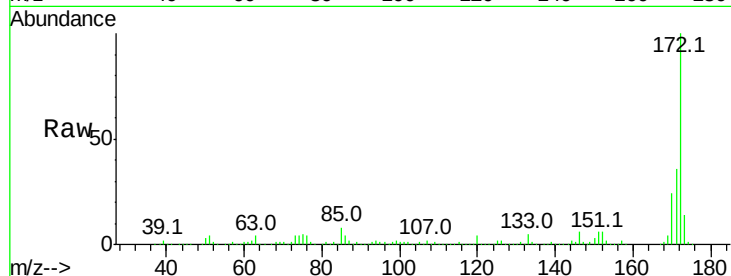
#44
2-Fluorobiphenyl
Concen: 98.96 ng
RT: 8.95 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.2	20.2	30.4

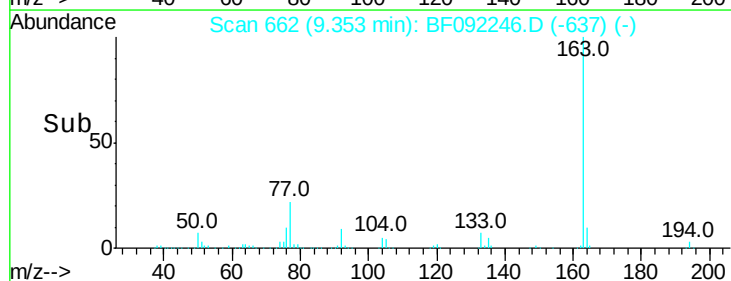
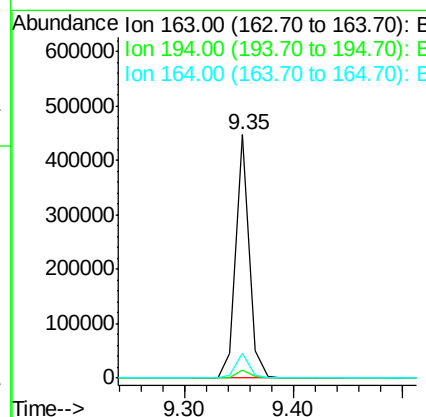
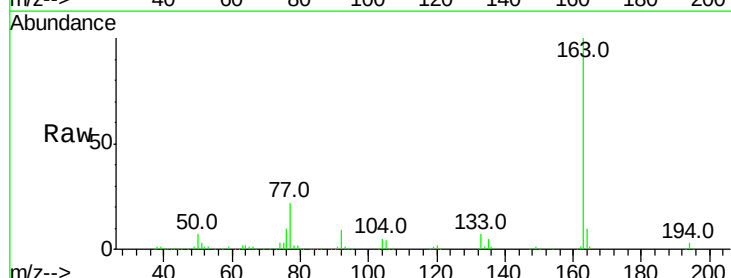
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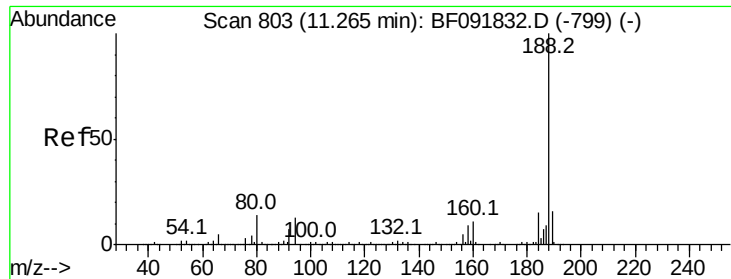
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#49
Dimethylphthalate
Concen: 19.02 ng
RT: 9.35 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.4	8.0	12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092246.D

Acq: 13 Jan 2017 13:46

Instrument :

BNA_F

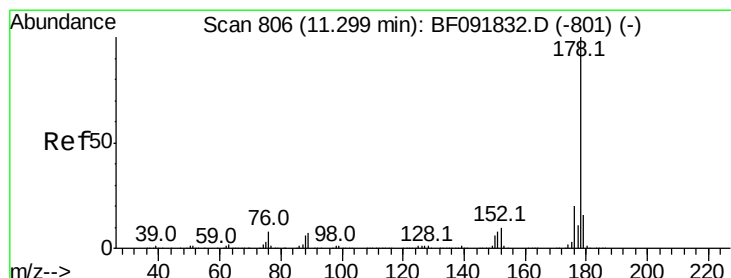
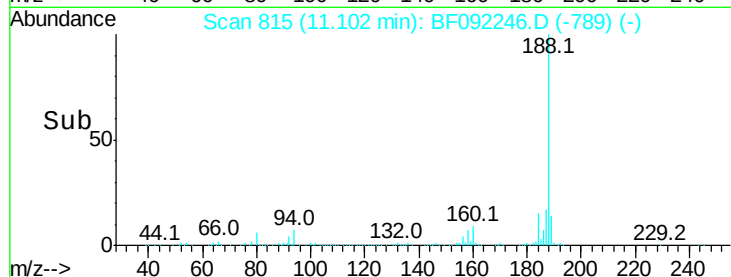
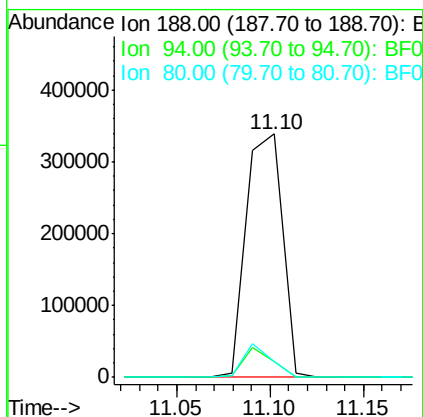
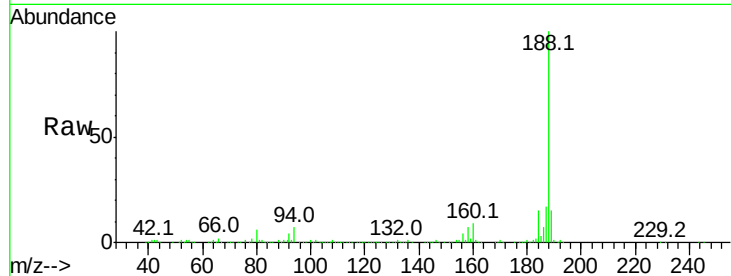
ClientSampleId :

SW-004

Tot Ion:188	Resp:	458141
Ion Ratio	Lower	Upper
188 100		
94 6.6	10.0	15.0#
80 6.3	11.2	16.8#

Manual Integrations
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#70

Phenanthrene

Concen: 3.11 ng

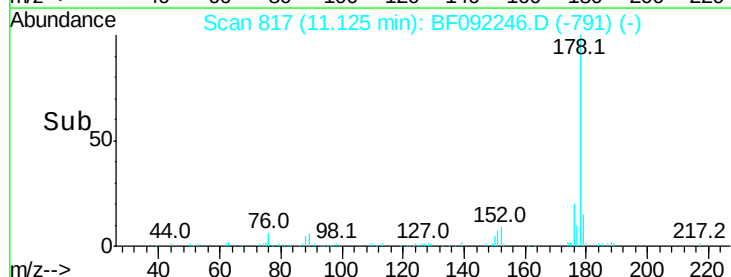
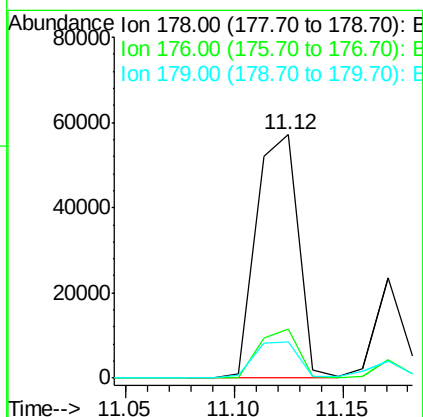
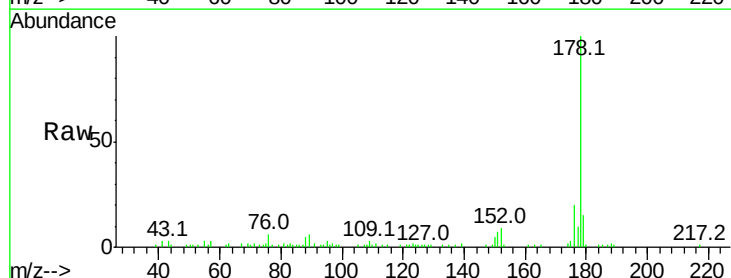
RT: 11.12 min Scan# 817

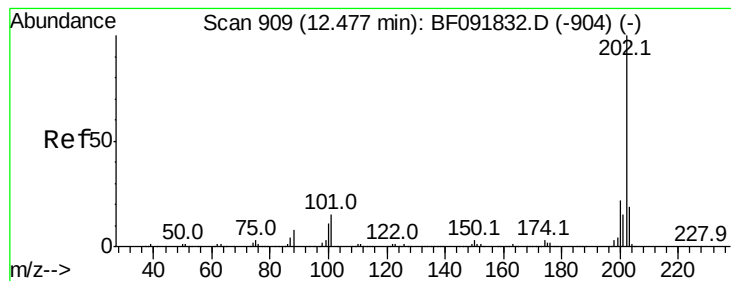
Delta R.T. 0.00 min

Lab File: BF092246.D

Acq: 13 Jan 2017 13:46

Tgt Ion:178	Resp:	77255
Ion Ratio	Lower	Upper
178 100		
176 20.0	16.6	25.0
179 15.1	12.8	19.2





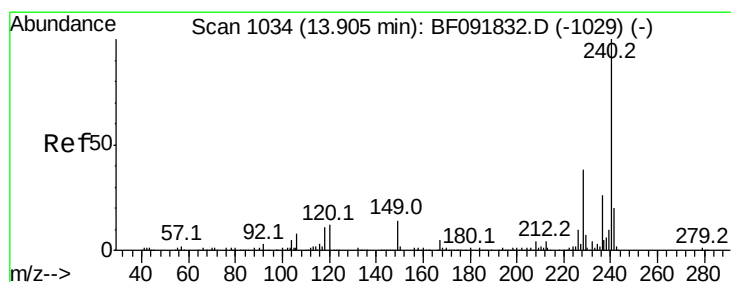
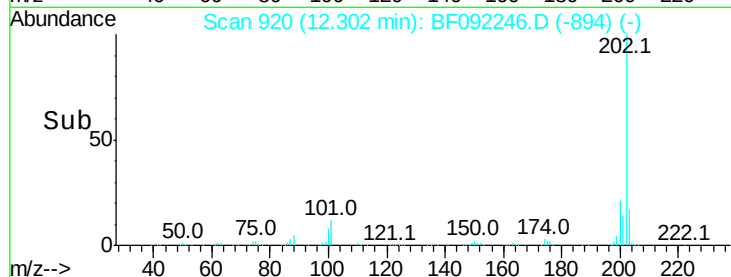
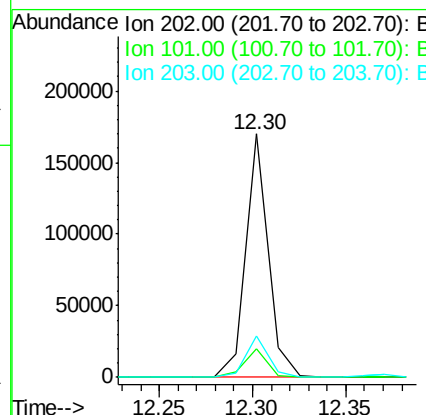
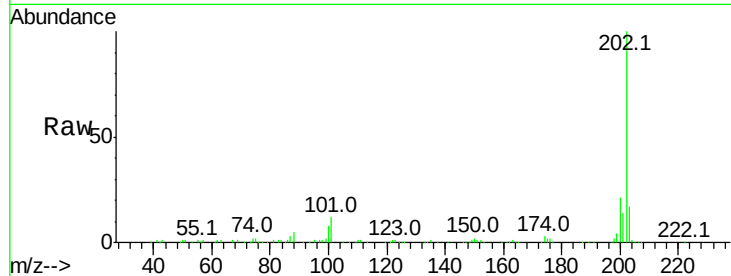
#74
Fluoranthene
Concen: 3.03 ng
RT: 12.30 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	34.6
203	17.0	0.0	38.7

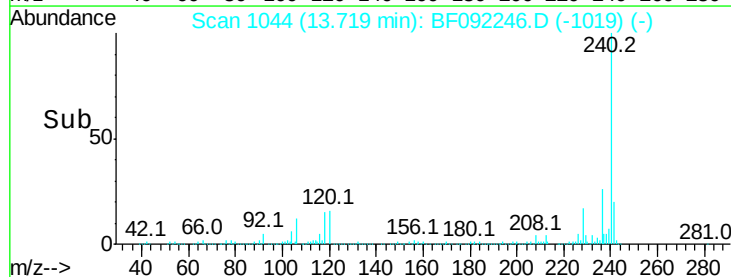
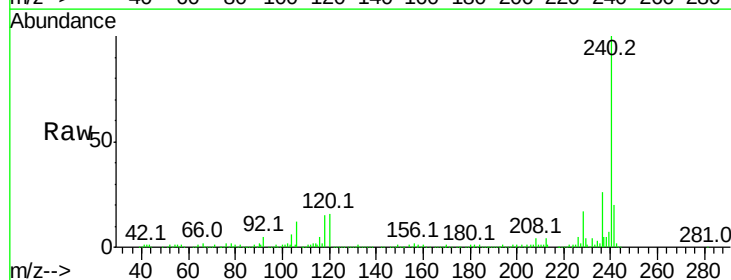
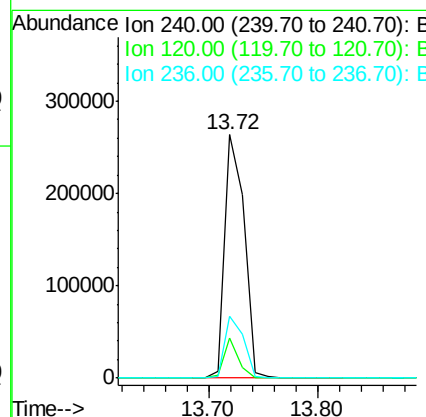
Manual Integrations
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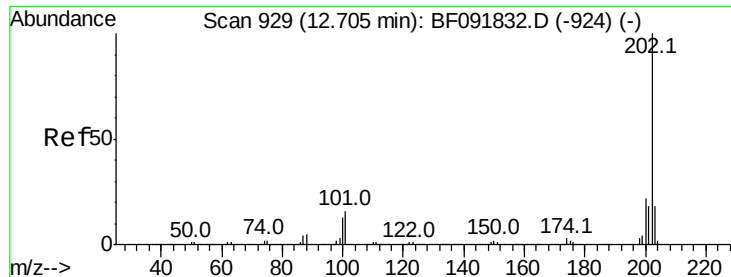
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.72 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.4	12.9	19.3
236	25.6	20.9	31.3





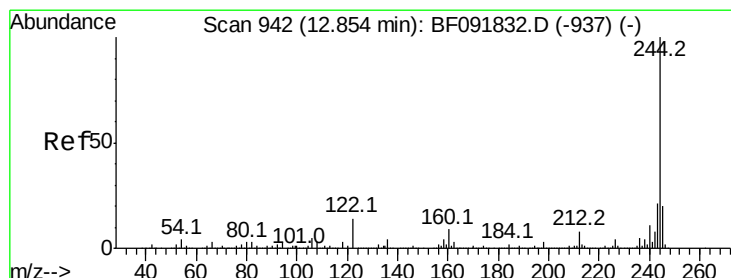
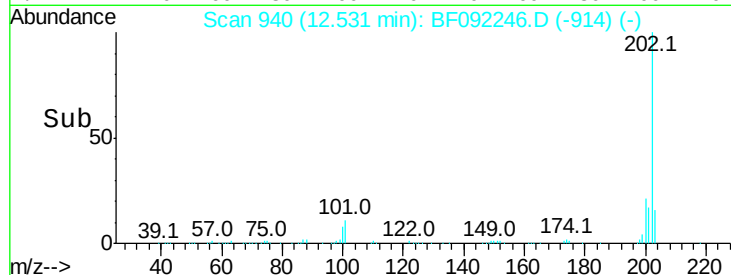
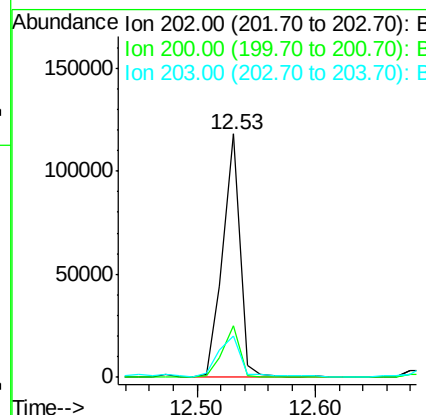
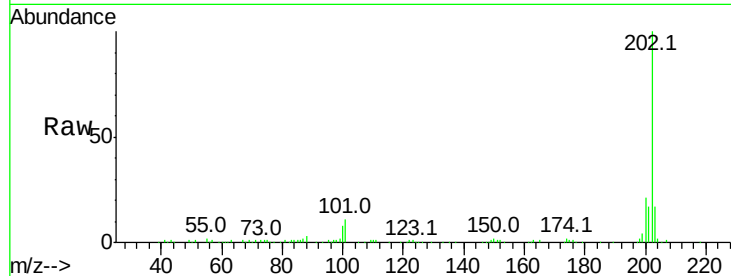
#77
Pvrene
Concen: 4.92 ng
RT: 12.53 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	16.8	14.7	22.1

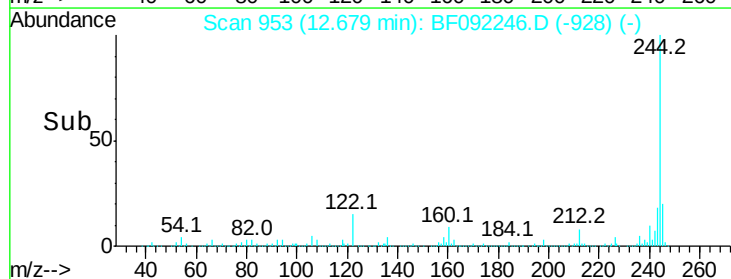
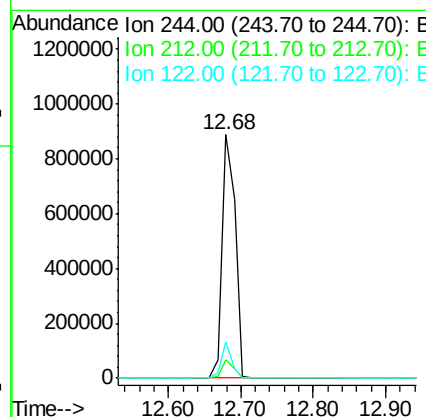
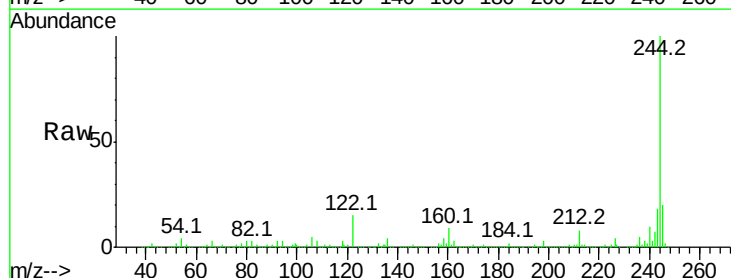
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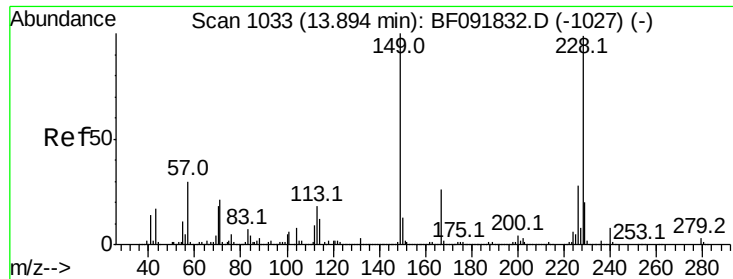
Sohil
1/16/2017 12:00:41 PM



#78
Terphenyl-d14
Concen: 81.79 ng
RT: 12.68 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	15.1	11.4	17.2





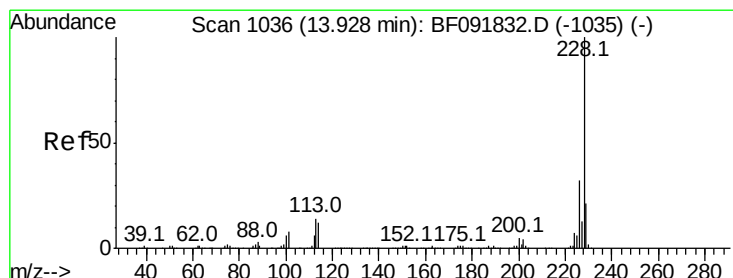
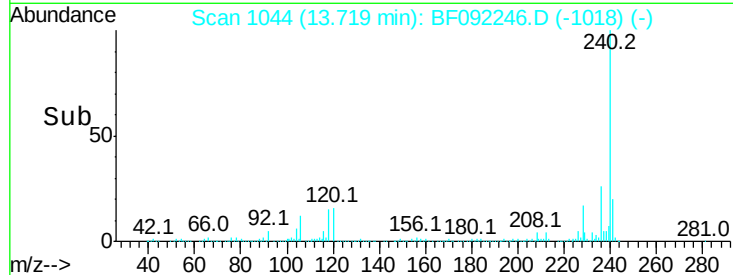
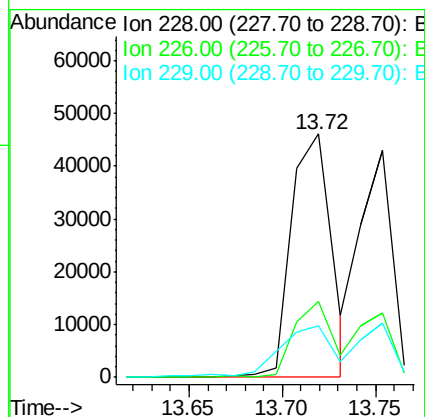
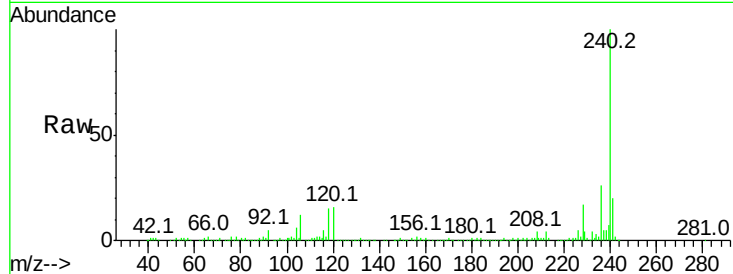
#80
Benzo(a)anthracene
Concen: 3.70 ng
RT: 13.72 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.4	33.6
229	21.3	16.2	24.4

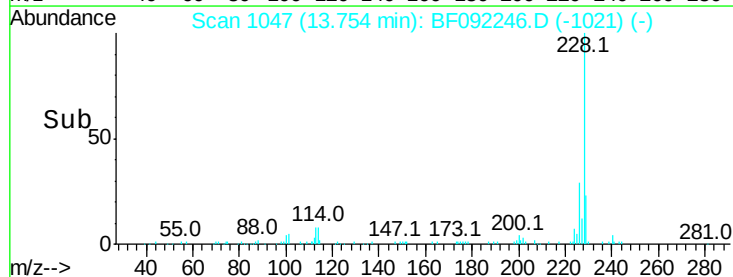
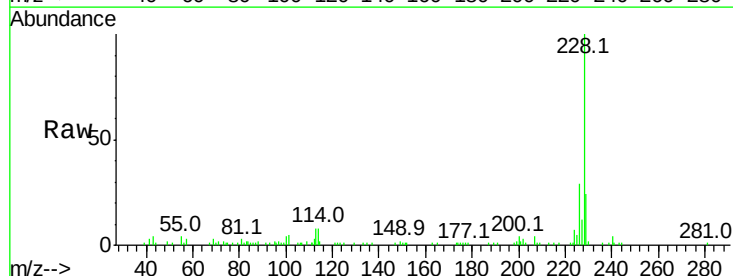
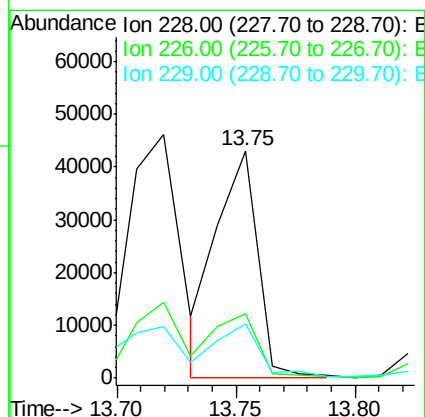
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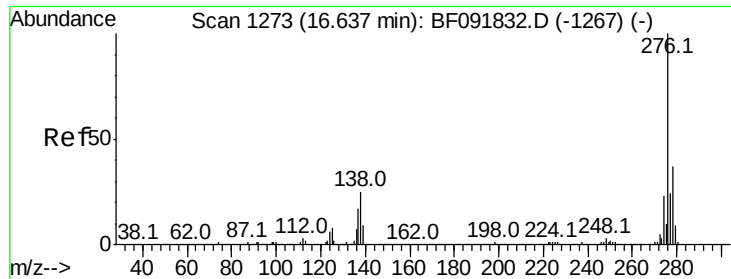
Sohil
1/16/2017 12:00:41 PM



#82
Chrysene
Concen: 2.78 ng m
RT: 13.75 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	23.7	16.2	24.2





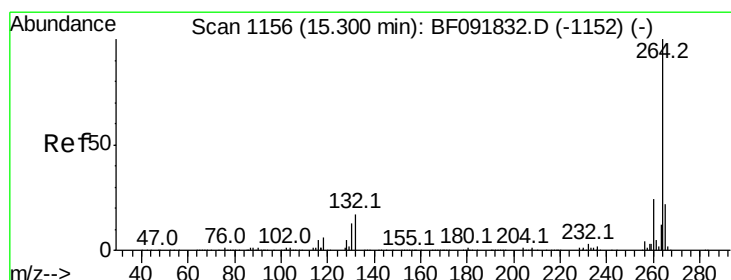
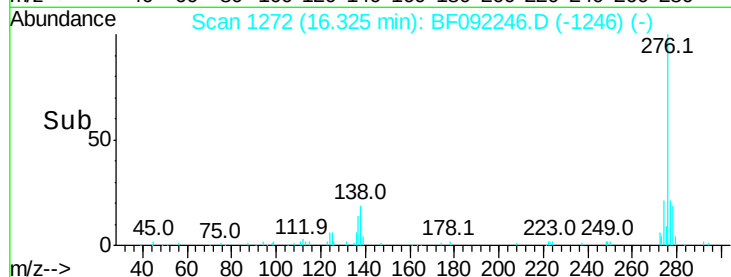
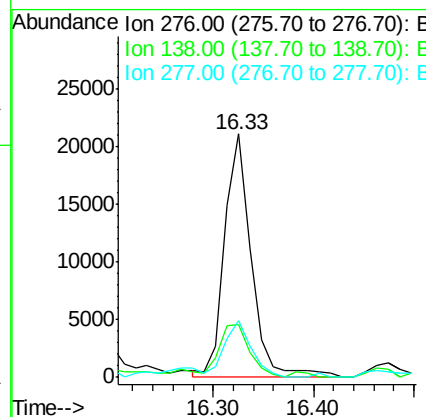
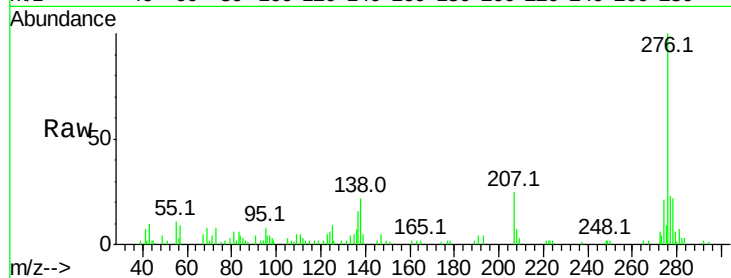
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng
RT: 16.33 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampled :
SW-004

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.6
277	23.3	20.2	30.4

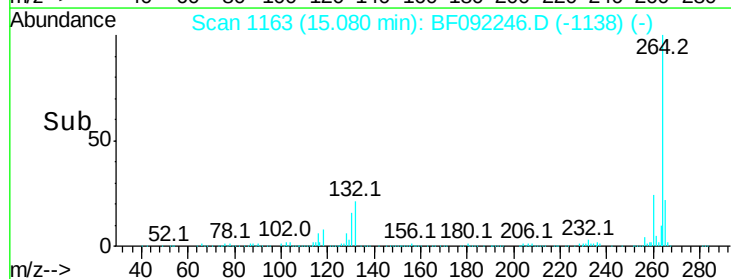
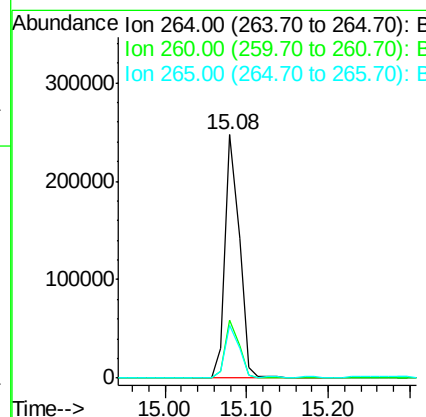
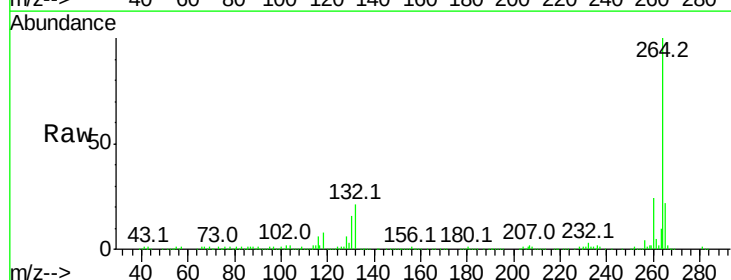
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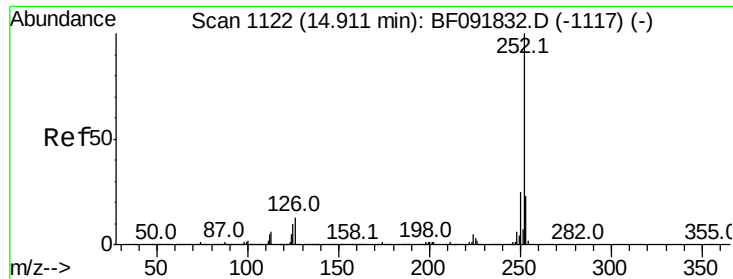
Sohil
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.08 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.4	26.0





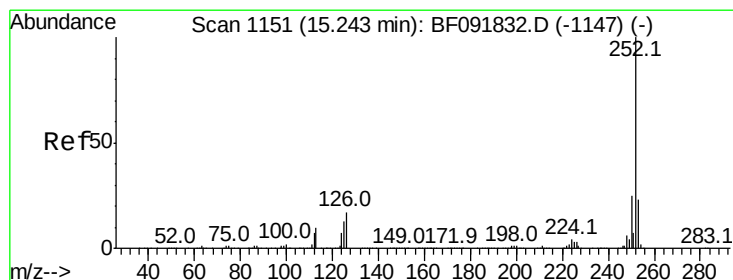
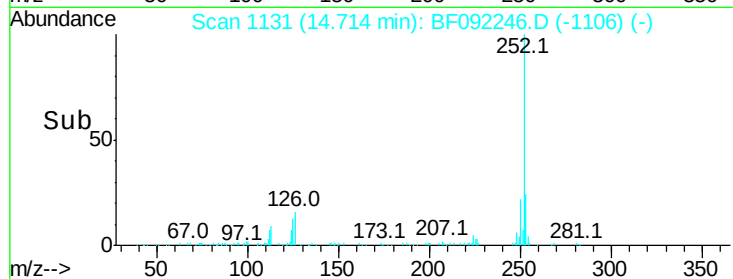
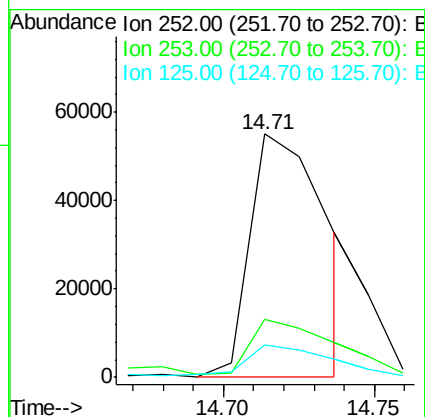
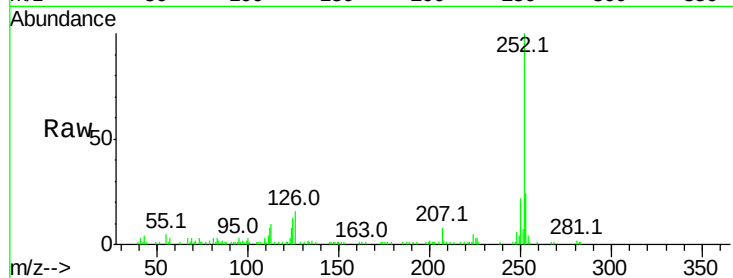
#87
Benzo(b)fluoranthene
Concen: 5.15 ng m
RT: 14.71 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Instrument :
BNA_F
ClientSampleId :
SW-004

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	13.5	9.8	14.6

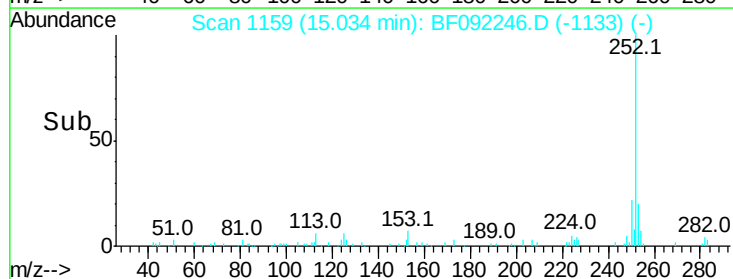
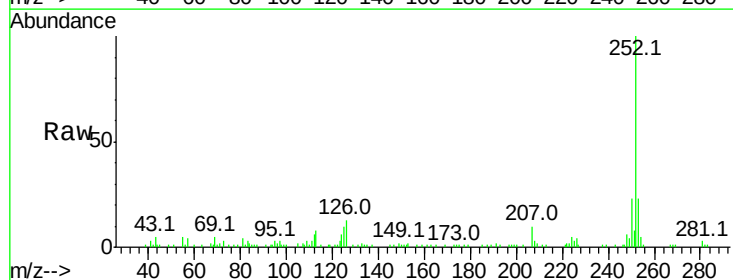
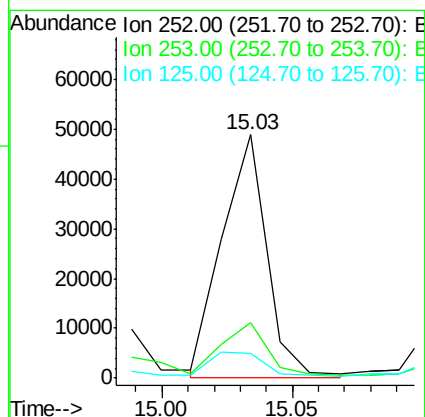
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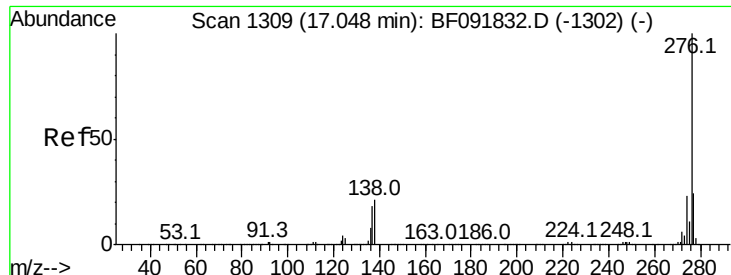
Sohil
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#89
Benzo(a)pyrene
Concen: 3.49 ng
RT: 15.03 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF092246.D
Acq: 13 Jan 2017 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.3	10.0	15.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.62 ng
 RT: 16.69 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF092246.D
 Acq: 13 Jan 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 SW-004

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	27.6	19.2	28.8
138	25.5	16.0	24.0

Manual Integrations
 APPROVED

Sohil
 1/16/2017 12:00:41 PM

