

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092389.D
 Acq On : 20 Jan 2017 23:02
 Operator : UM/SJ
 Sample : I1329-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2-0-3FT-COMP

Manual Integrations
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Quant Time: Jan 21 00:18:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	139492	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	702905	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	324300	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	439849	20.00	ng	0.00
75) Chrysene-d12	13.66	240	318418	20.00	ng	0.00
86) Perylene-d12	15.02	264	240714	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	236875	28.35	ng	0.02
7) Phenol-d6	6.19	99	899256	88.17	ng	0.00
23) Nitrobenzene-d5	7.10	82	833260	65.92	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	26329	9.81	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1444478	92.38	ng	0.00
78) Terphenyl-d14	12.62	244	901017	68.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.21	94	51121	4.40	ng	87
30) 1,2,4-Trichlorobenzene	7.76	180	33426	3.27	ng	99
31) Naphthalene	7.83	128	135360	4.21	ng	99
37) 2-Methylnaphthalene	8.53	142	79615	2.72	ng	97
45) 1,1'-Biphenyl	8.99	154	53199	2.40	ng	94
49) Dimethylphthalate	9.30	163	355156	17.12	ng	100
70) Phenanthrene	11.06	178	174801	7.33	ng	98
74) Fluoranthene	12.25	202	191179	5.81	ng	94
77) Pyrene	12.47	202	180392	7.72	ng	97
80) Benzo(a)anthracene	13.66	228	88445	4.92	ng	95
82) Chrysene	13.70	228	76292m	4.23	ng	
83) Bis(2-ethylhexyl)phthalate	13.67	149	34002	2.72	ng	# 89
87) Benzo(b)fluoranthene	14.67	252	87199m	5.82	ng	
89) Benzo(a)pyrene	14.97	252	49013	3.68	ng	# 74
91) Benzo(a,h,i)perylene	16.60	276	27773	2.44	ng	# 86

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

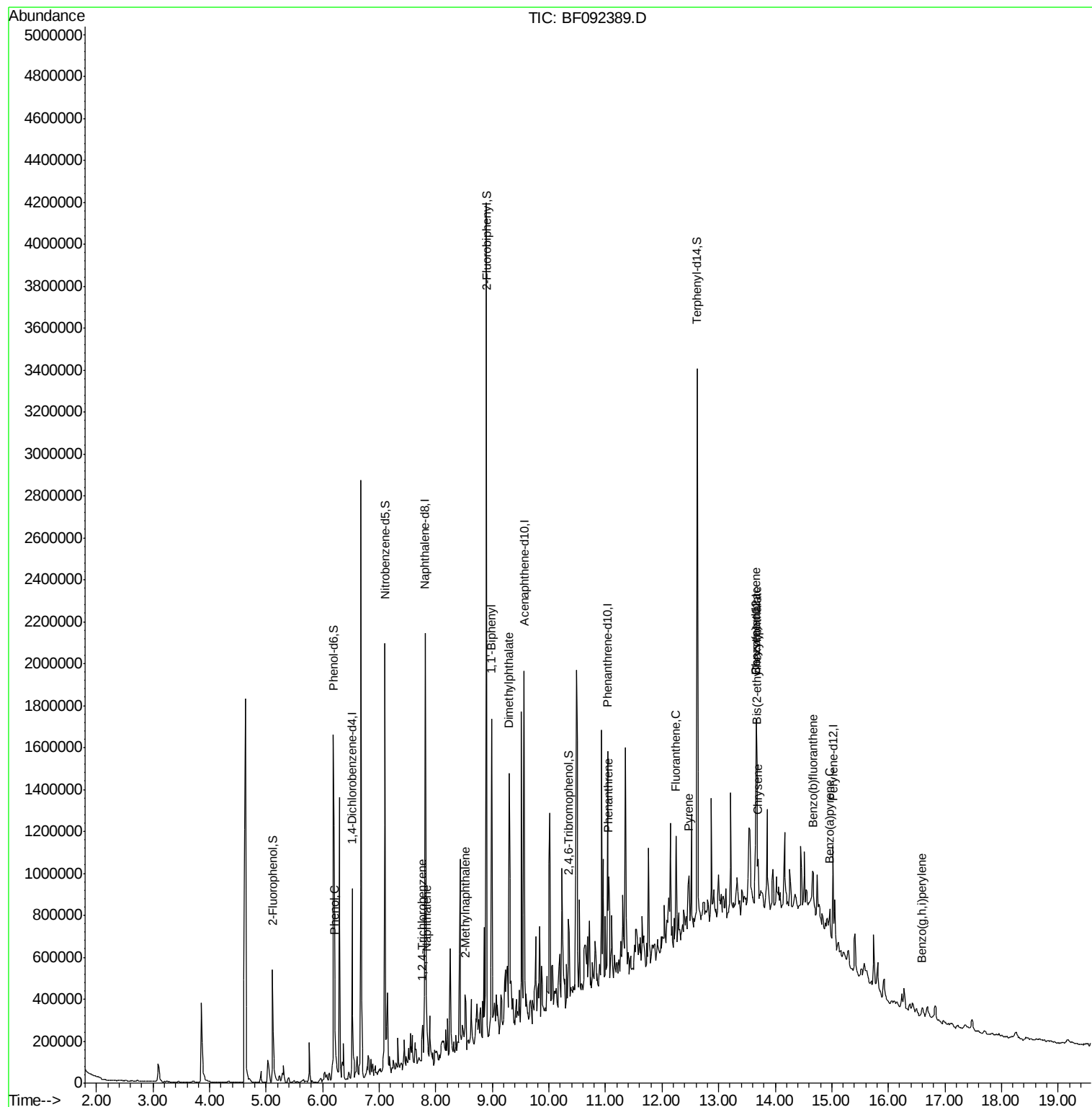
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
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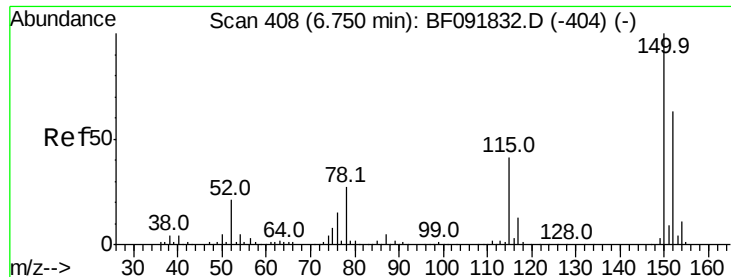
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Instrument :

BNA_F

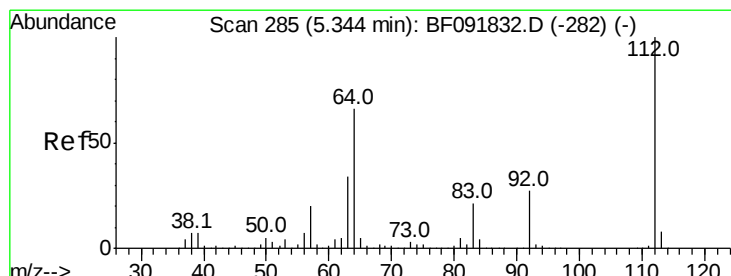
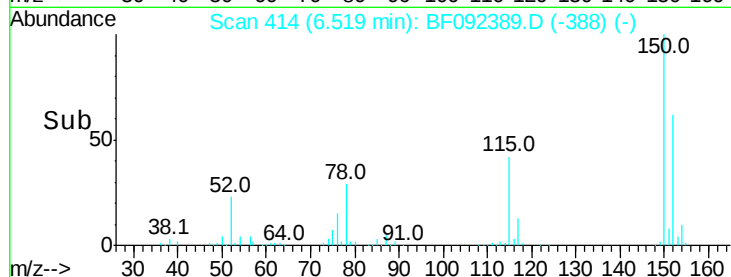
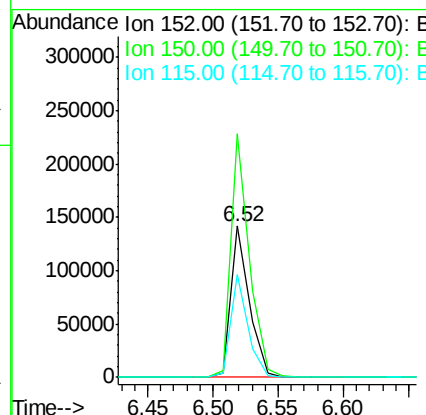
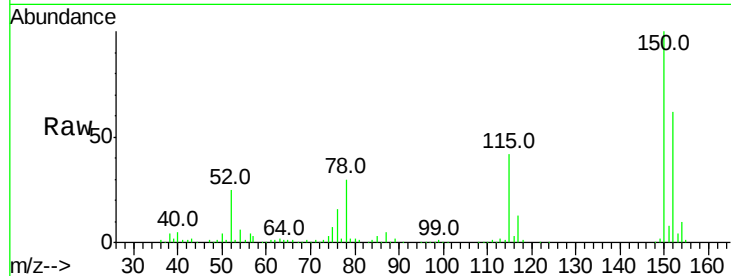
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	152	Resp:	139492
Ion Ratio	Lower	Upper	
152	100		
150	160.8	124.9	187.3
115	67.6	46.0	69.0

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#5

2-Fluorophenol

Concen: 28.35 ng

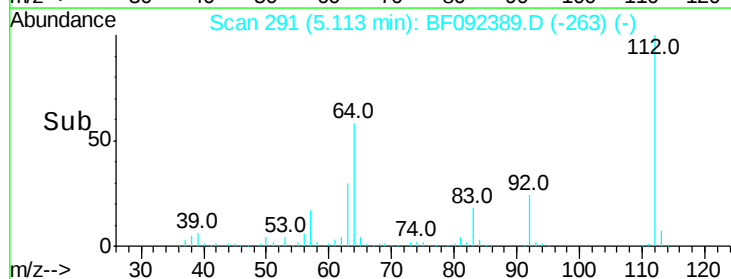
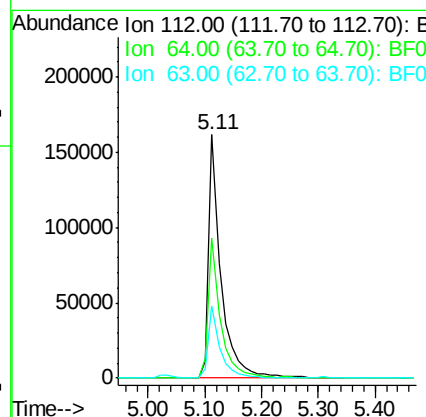
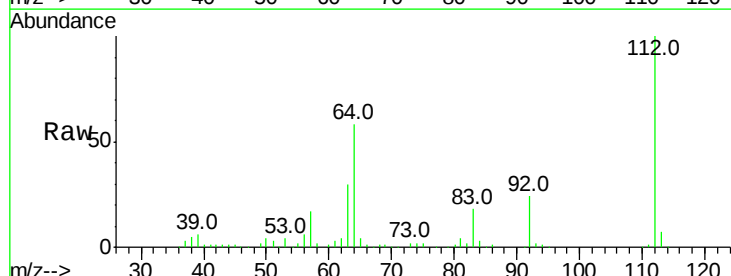
RT: 5.11 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Tgt Ion:	112	Resp:	236875
Ion Ratio	Lower	Upper	
112	100		
64	57.7	46.1	69.1
63	29.6	23.8	35.6





#7

Phenol-d6

Concen: 88.17 ng

RT: 6.19 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Instrument :

BNA_F

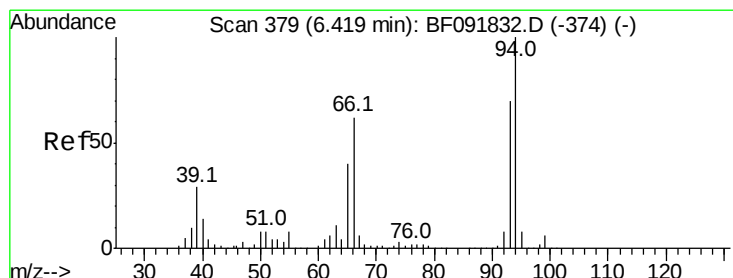
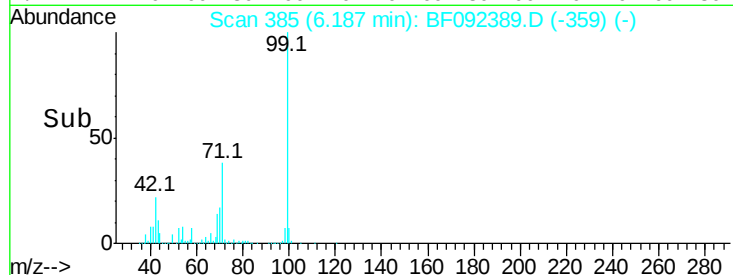
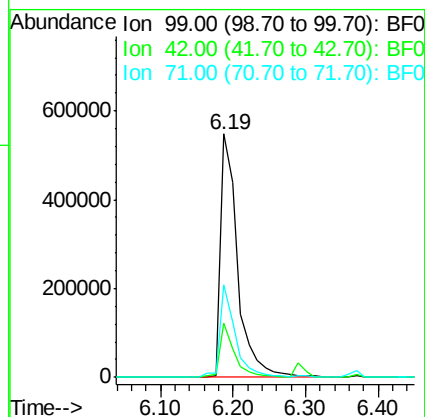
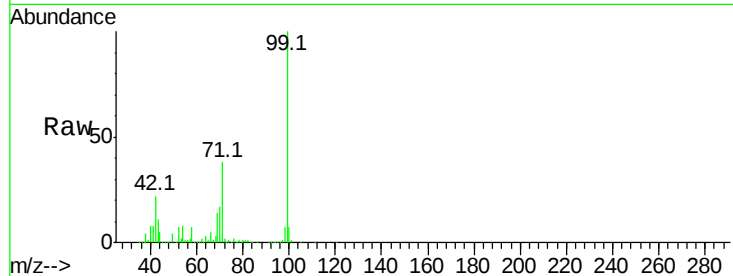
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	99	Resp:	899256
Ion Ratio	Lower	Upper	
99	100		
42	22.1	15.6	23.4
71	37.8	27.5	41.3

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#10

Phenol

Concen: 4.40 ng

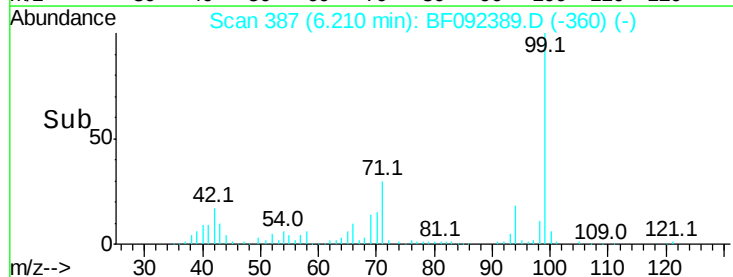
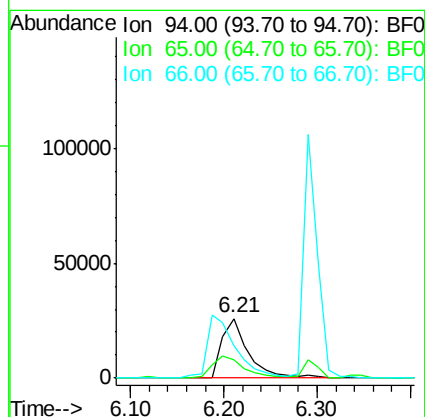
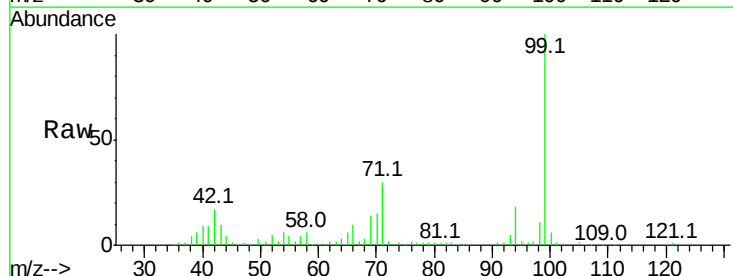
RT: 6.21 min Scan# 387

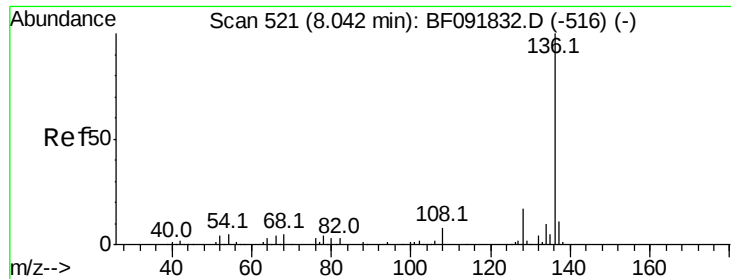
Delta R.T. 0.01 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Tgt Ion:	94	Resp:	51121
Ion Ratio	Lower	Upper	
94	100		
65	31.5	21.4	61.4
66	55.5	44.0	84.0





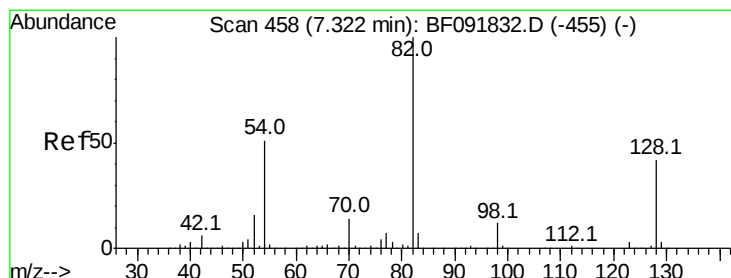
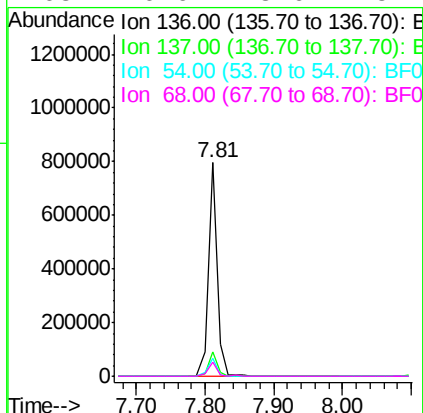
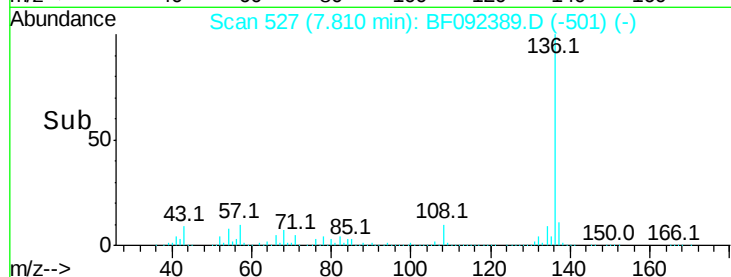
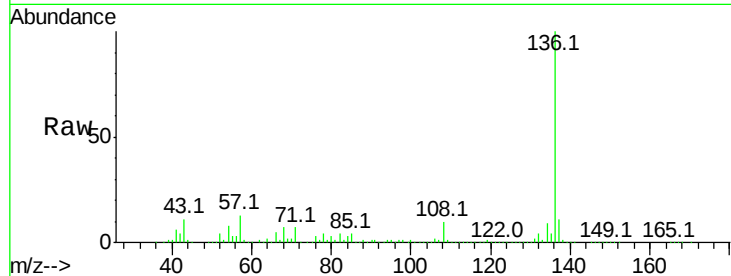
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	8.1	4.5	6.7#	
68	6.6	3.6	5.4#	

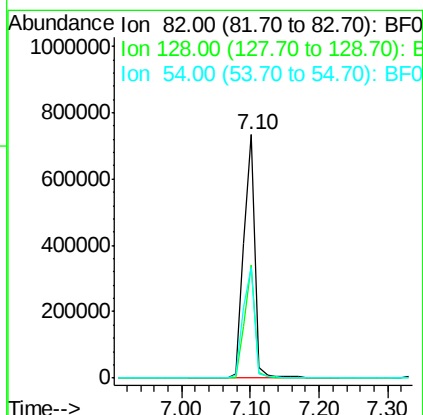
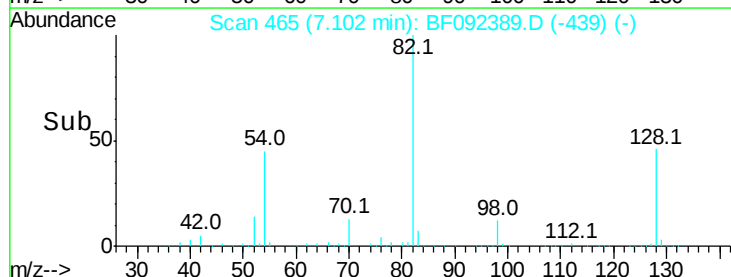
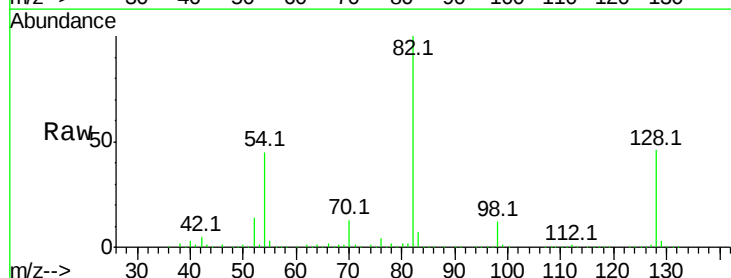
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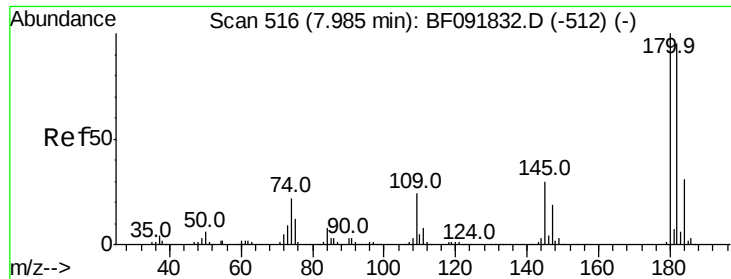
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#23
Nitrobenzene-d5
Concen: 65.92 ng
RT: 7.10 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	34.6	52.0	
54	45.2	39.5	59.3	





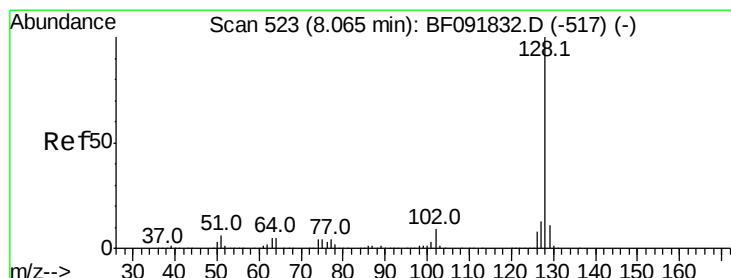
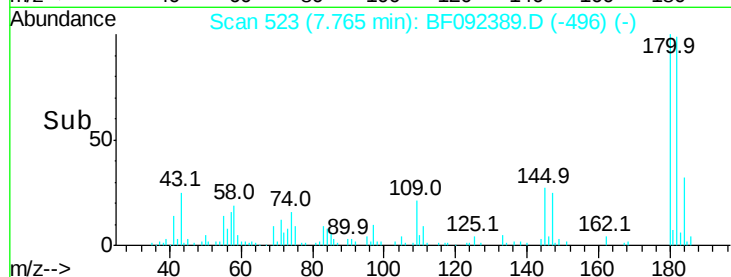
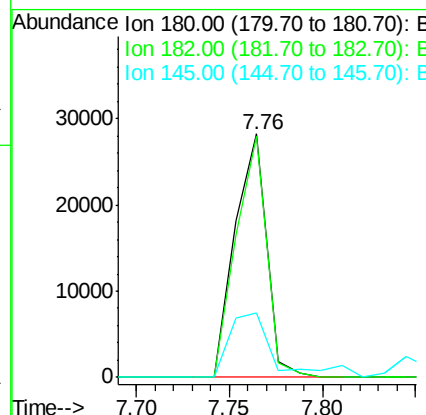
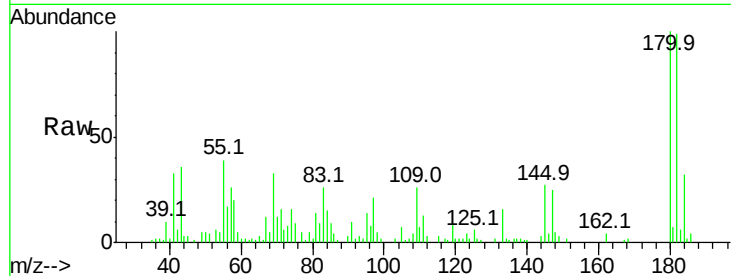
#30
 1,2,4-Trichlorobenzene
 Concen: 3.27 ng
 RT: 7.76 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF092389.D
 Acq: 20 Jan 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	78.2	117.4
145	26.5	21.6	32.4

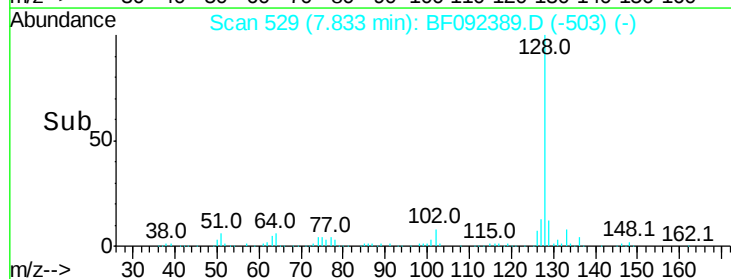
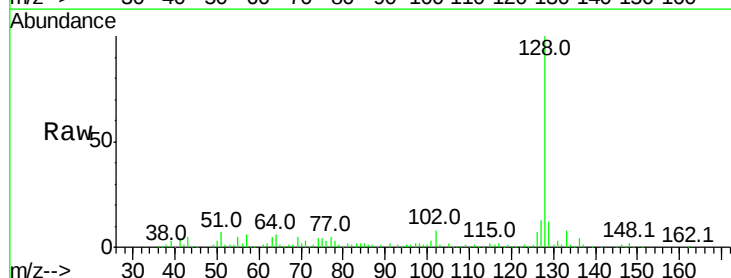
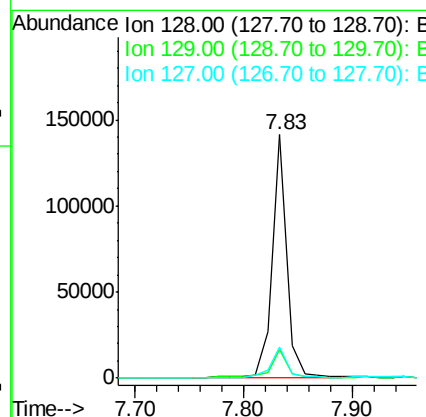
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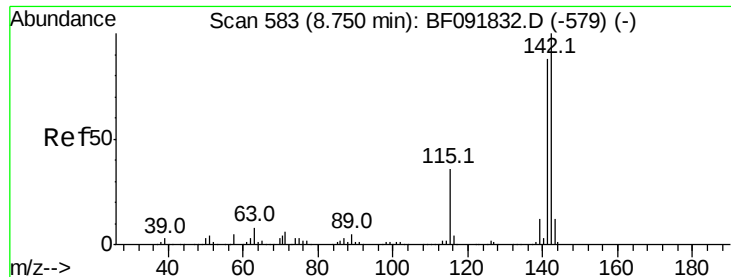
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#31
 Naphthalene
 Concen: 4.21 ng
 RT: 7.83 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF092389.D
 Acq: 20 Jan 2017 23:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.5	14.3
127	13.0	10.8	16.2





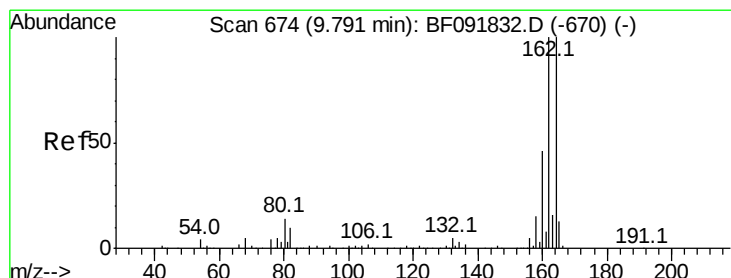
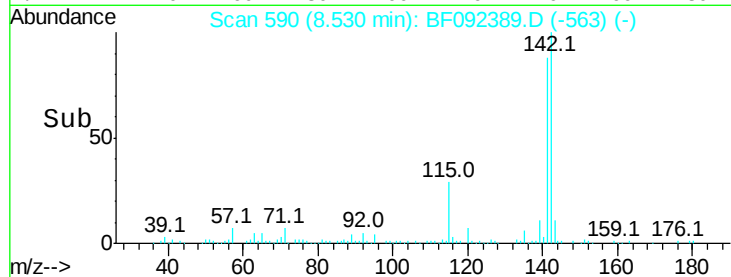
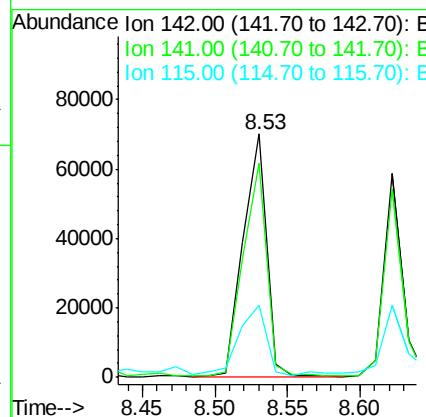
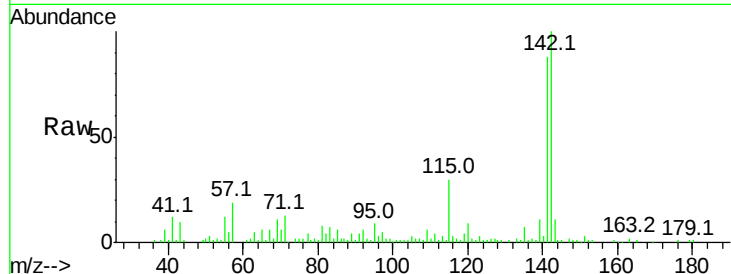
#37
2-Methylnaphthalene
Concen: 2.72 ng
RT: 8.53 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	29.8	28.3	42.5

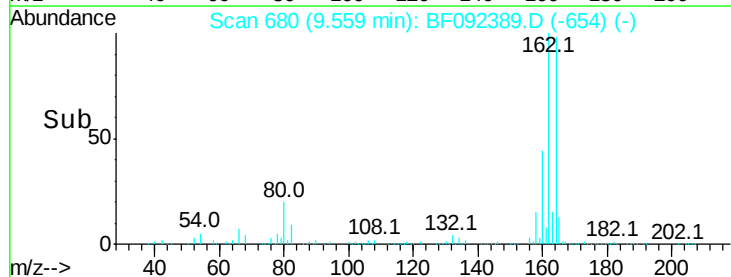
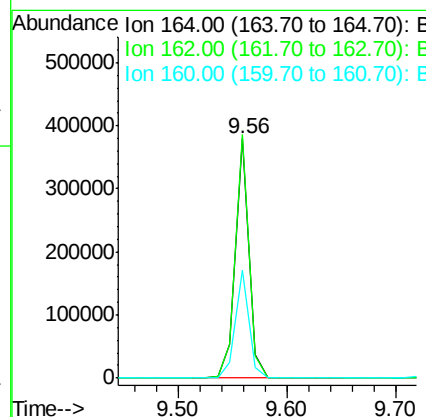
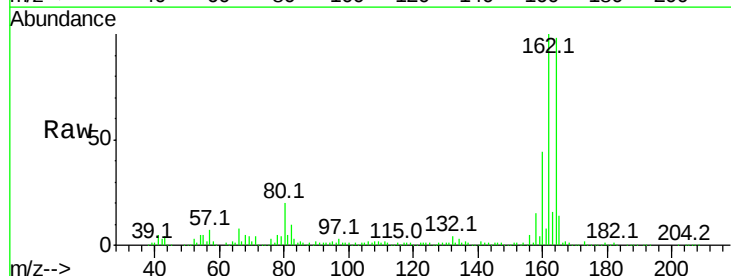
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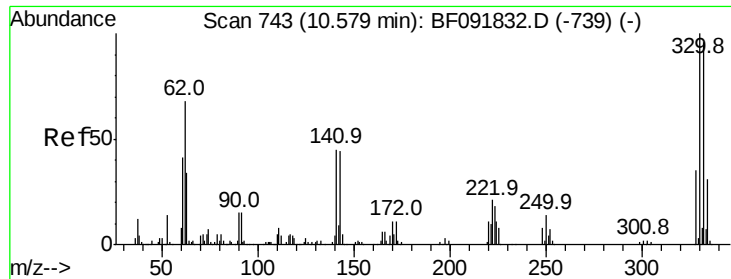
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	45.1	36.9	55.3





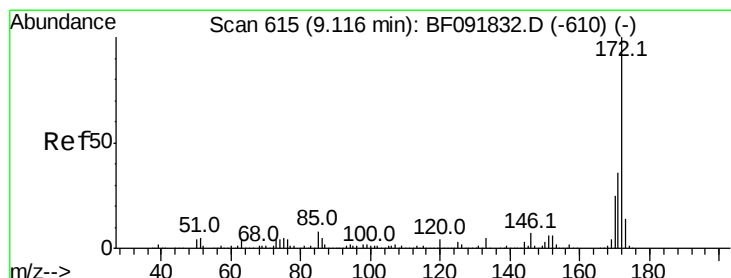
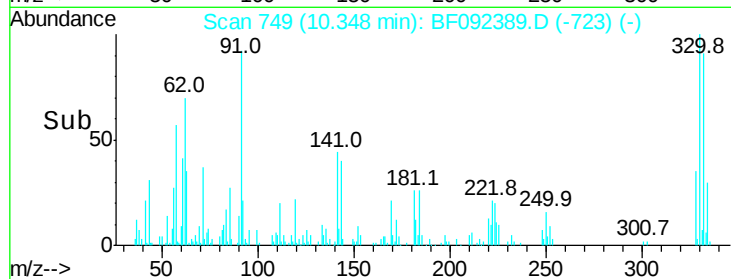
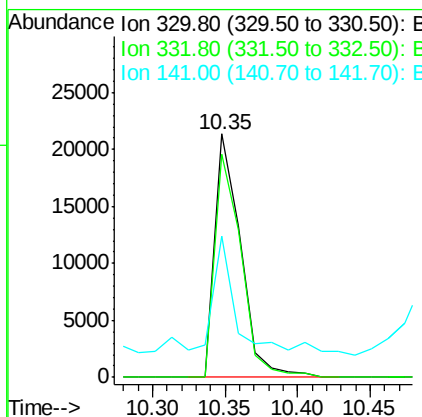
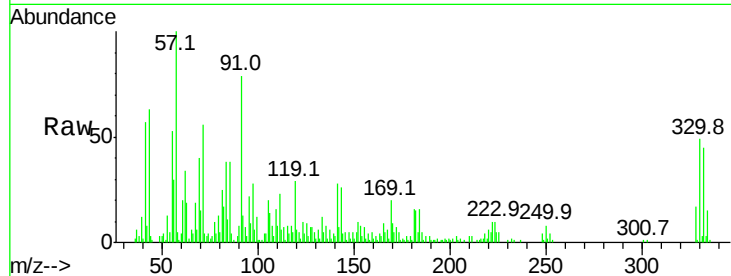
#41
 2,4,6-Tribromophenol
 Concen: 9.81 ng
 RT: 10.35 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF092389.D
 Acq: 20 Jan 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 S2-0-3FT-COMP

Tot Ion:330 Resp: 26329
 Ion Ratio Lower Upper
 330 100
 332 93.8 77.4 116.2
 141 52.1 34.1 51.1#

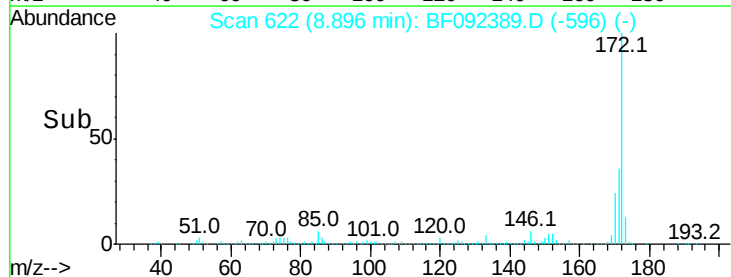
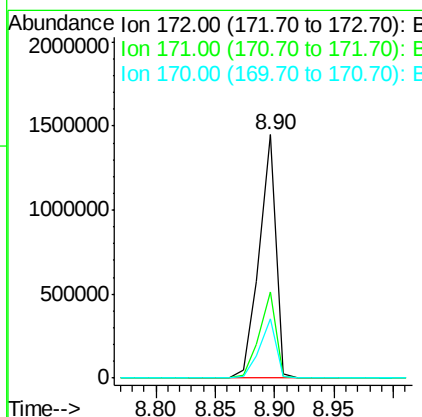
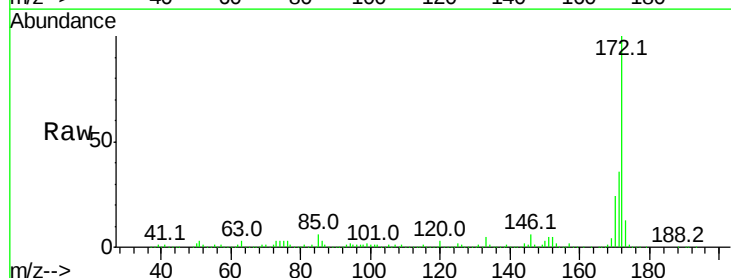
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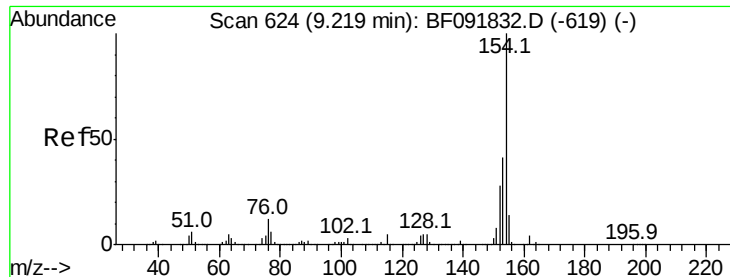
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#44
 2-Fluorobiphenyl
 Concen: 92.38 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF092389.D
 Acq: 20 Jan 2017 23:02

Tgt Ion:172 Resp: 1444478
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.4 20.2 30.4





#45

1,1'-Biphenyl

Concen: 2.40 ng

RT: 8.99 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Instrument :

BNA_F

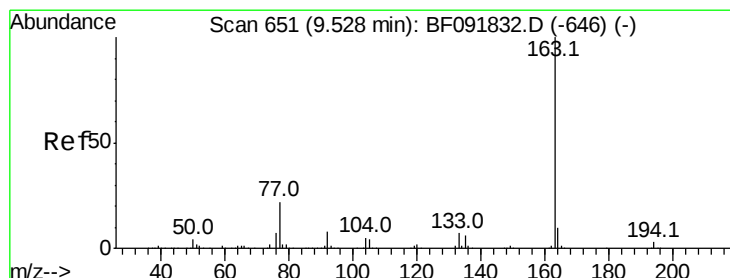
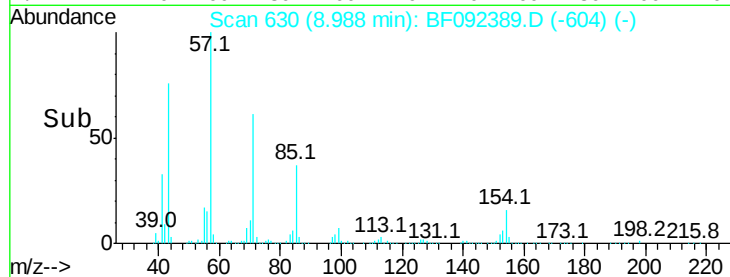
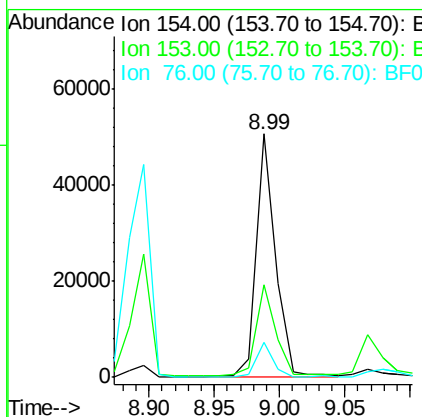
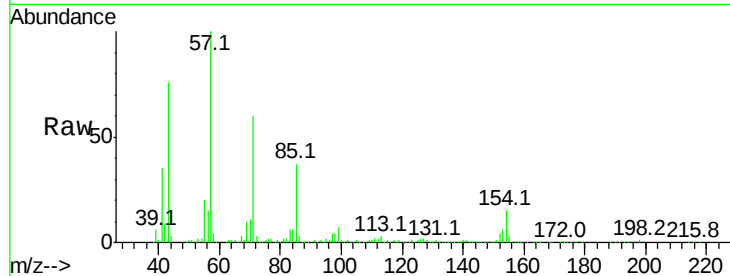
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:154	Resp:	53199
Ion Ratio	Lower	Upper
154 100		
153 38.2	20.9	60.9
76 14.6	0.0	30.5

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#49

Dimethylphthalate

Concen: 17.12 ng

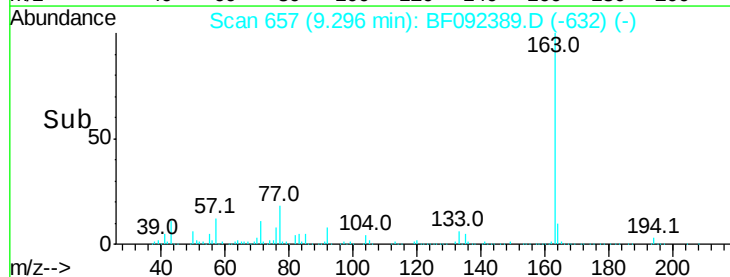
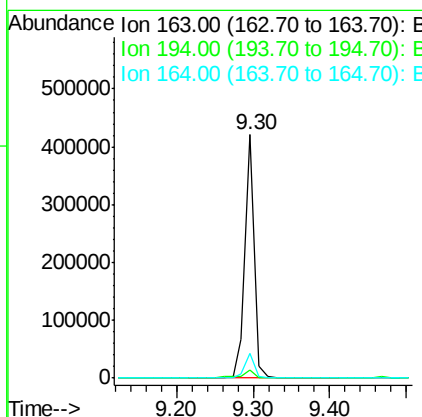
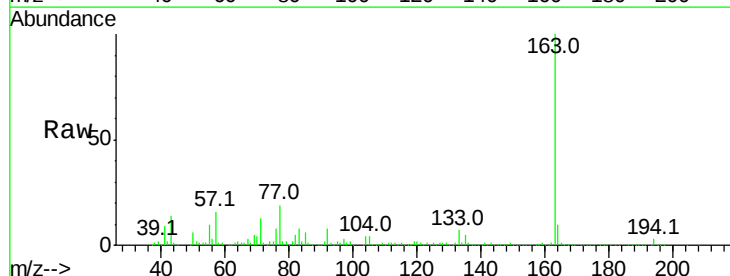
RT: 9.30 min Scan# 657

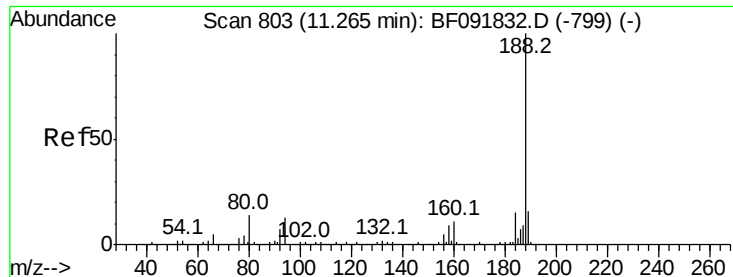
Delta R.T. -0.01 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Tgt Ion:163	Resp:	355156
Ion Ratio	Lower	Upper
163 100		
194 3.4	3.0	4.4
164 10.0	8.0	12.0





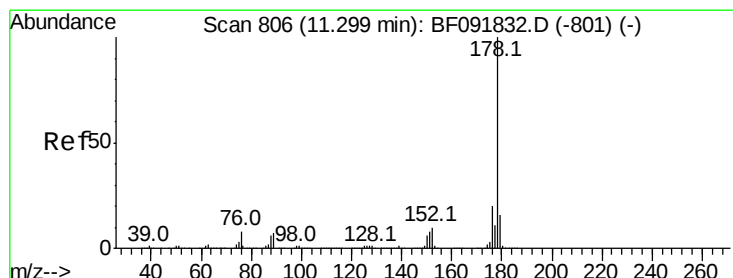
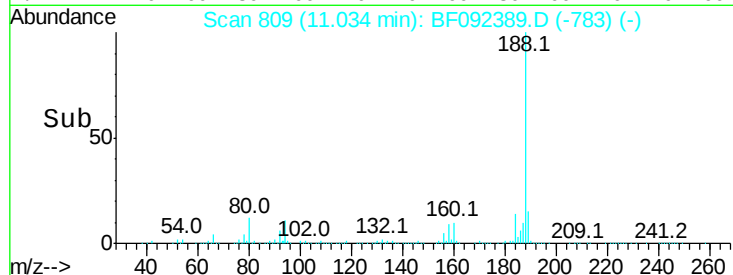
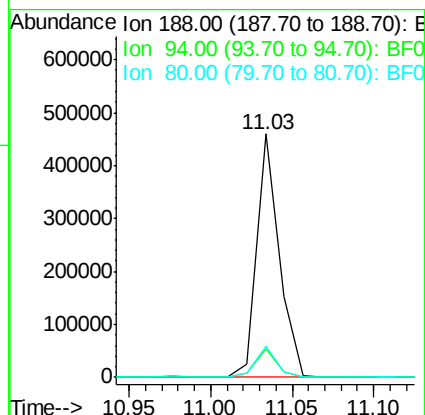
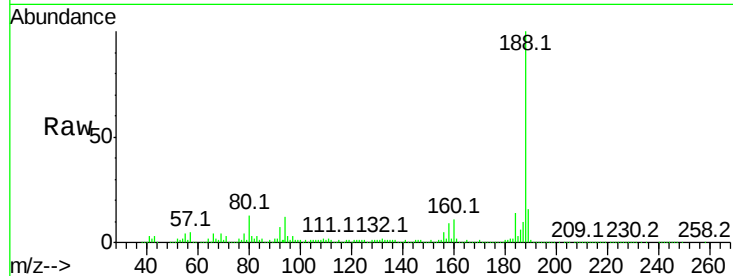
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	439849		
94	11.9		10.0	15.0
80	12.7		11.2	16.8

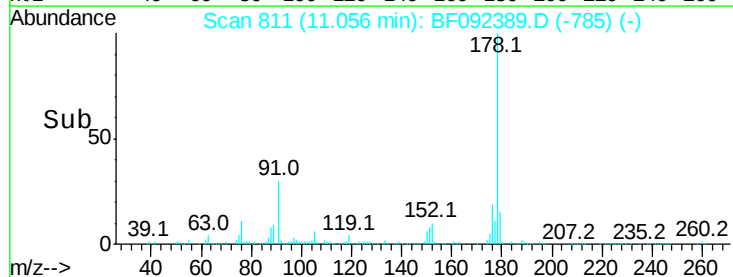
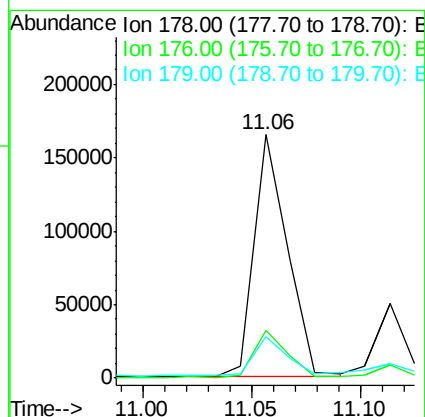
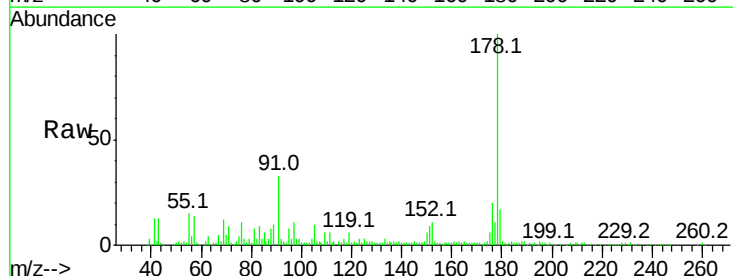
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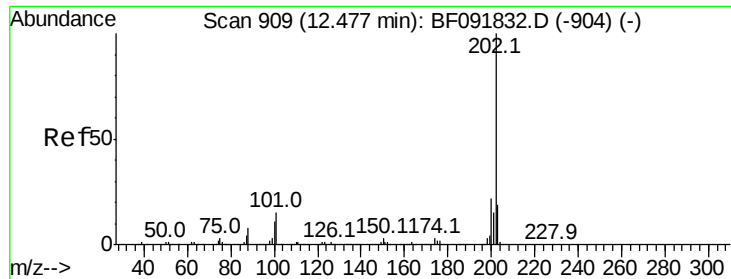
mohammad
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#70
Phenanthrene
Concen: 7.33 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	174801		
176	19.7		16.6	25.0
179	16.8		12.8	19.2





#74

Fluoranthene

Concen: 5.81 ng

RT: 12.25 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Instrument :

BNA_F

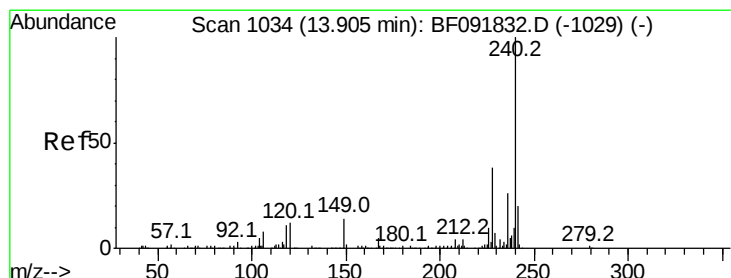
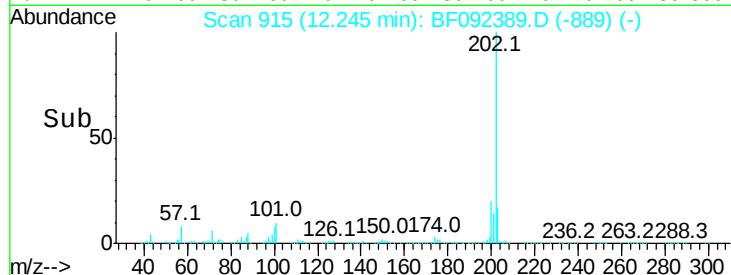
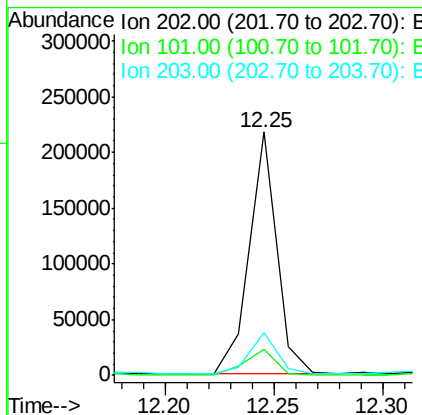
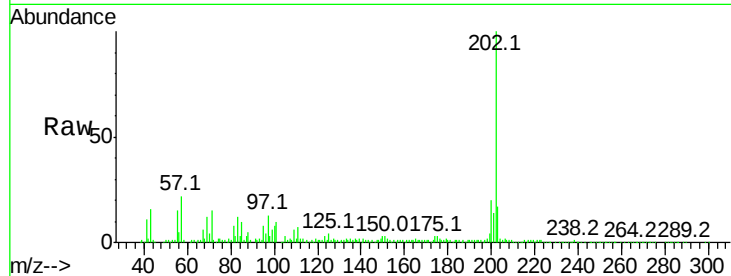
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	202	Resp:	191179
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	34.6
203	17.5	0.0	38.7

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#75

Chrysene-d12

Concen: 20.00 ng

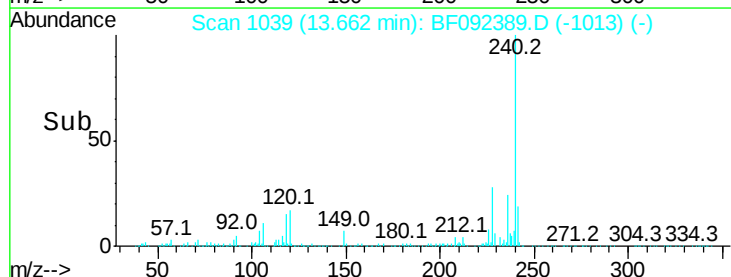
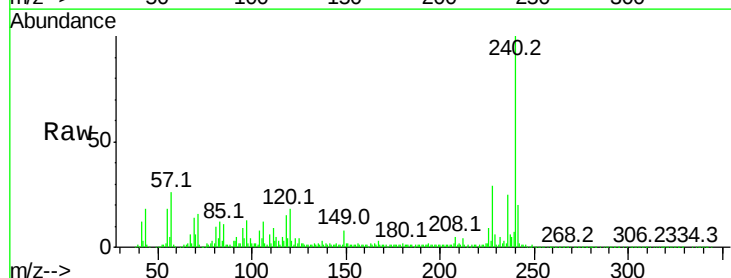
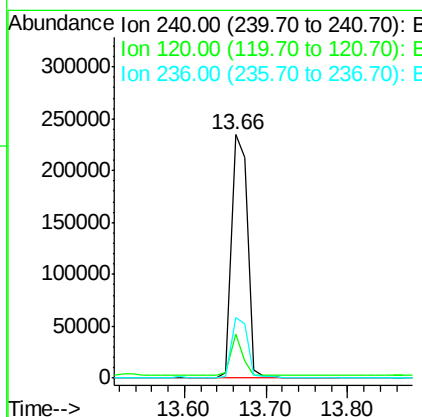
RT: 13.66 min Scan# 1039

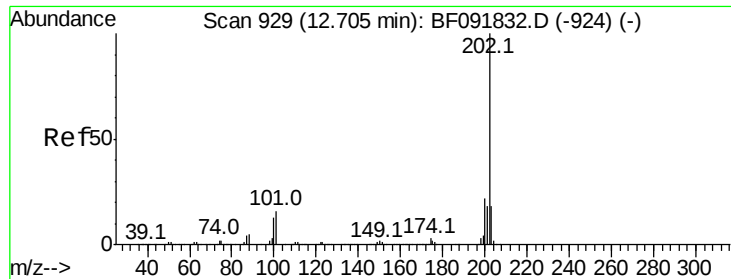
Delta R.T. 0.00 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Tgt Ion:	240	Resp:	318418
Ion Ratio	Lower	Upper	
240	100		
120	18.2	12.9	19.3
236	24.8	20.9	31.3





#77

Pvrene

Concen: 7.72 ng

RT: 12.47 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Instrument :

BNA_F

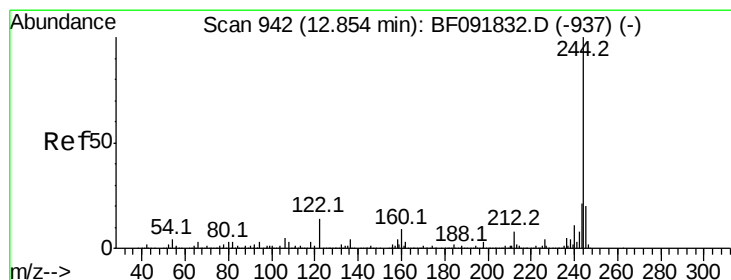
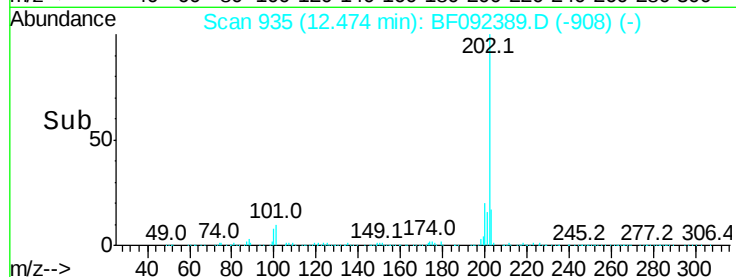
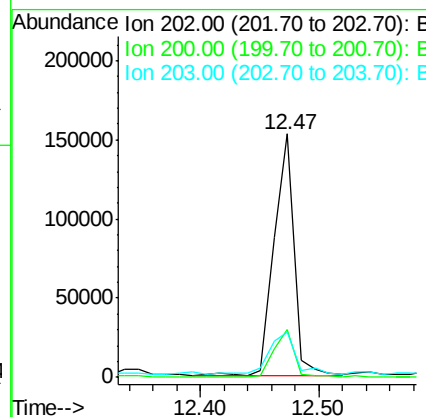
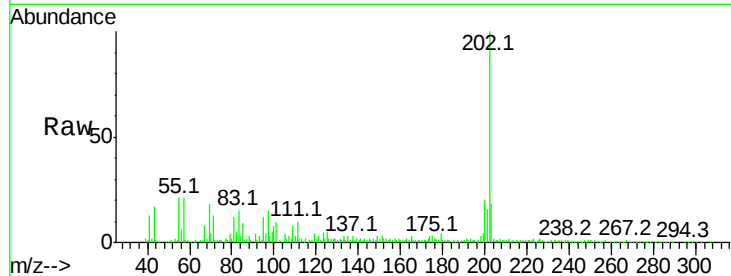
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	202	Resp:	180392
Ion Ratio	Lower	Upper	
202	100		
200	19.8	17.7	26.5
203	18.4	14.7	22.1

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#78

Terphenyl-d14

Concen: 68.63 ng

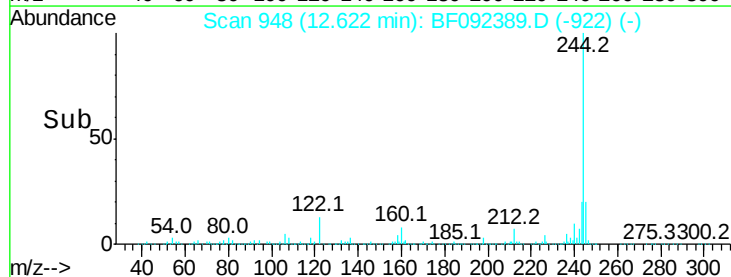
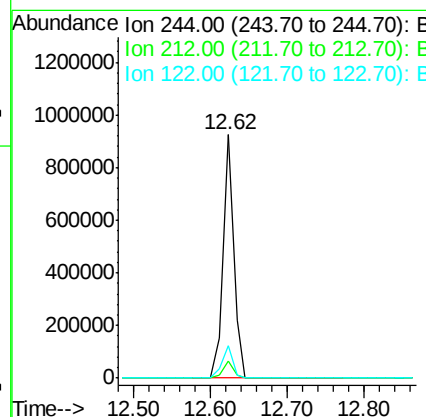
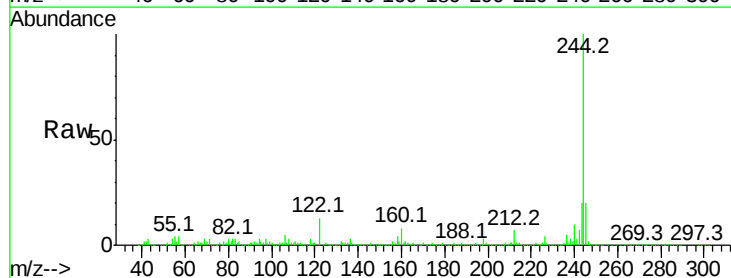
RT: 12.62 min Scan# 948

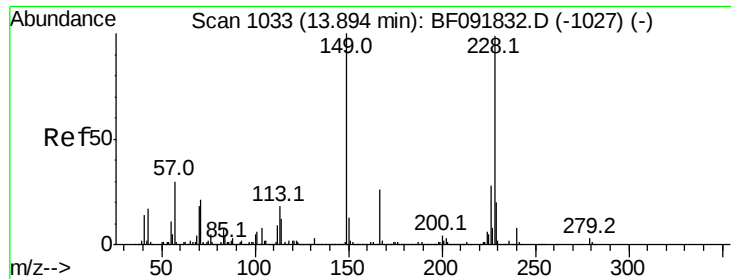
Delta R.T. 0.00 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Tgt Ion:	244	Resp:	901017
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.2	9.2
122	13.3	11.4	17.2





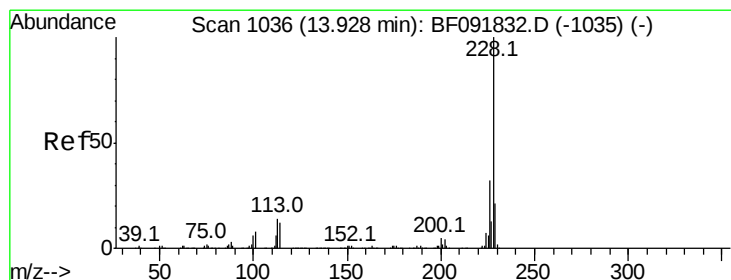
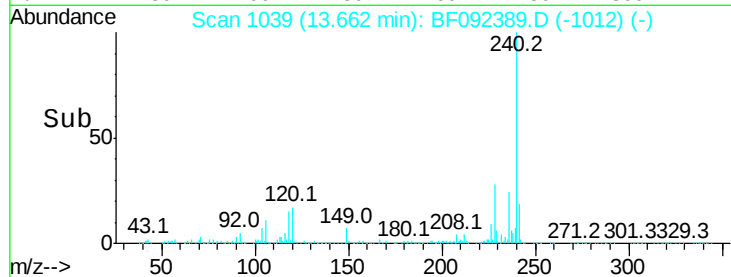
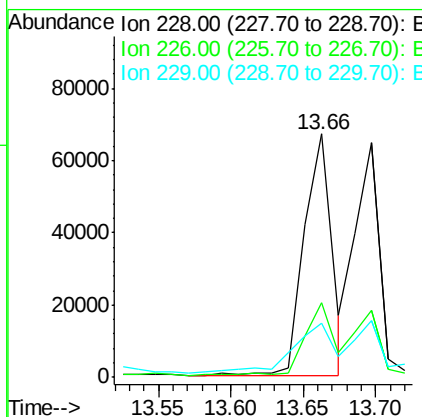
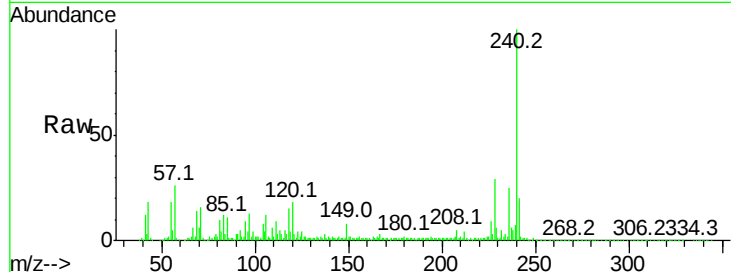
#80
Benzo(a)anthracene
Concen: 4.92 ng
RT: 13.66 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.4	33.6
229	22.3	16.2	24.4

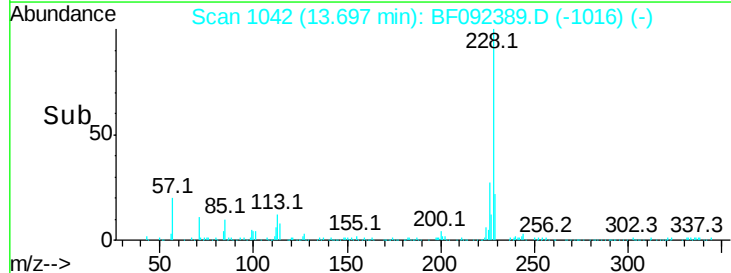
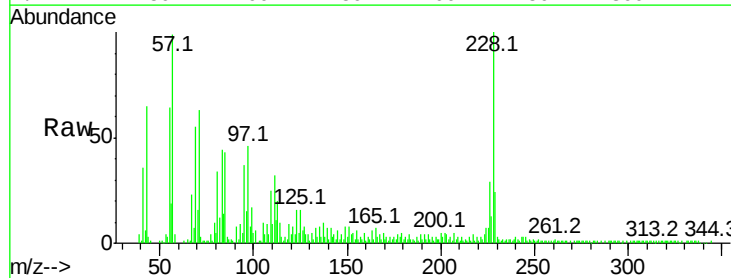
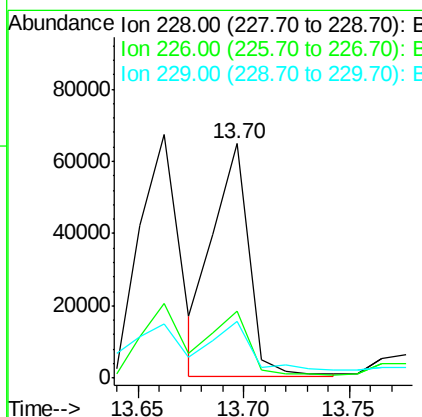
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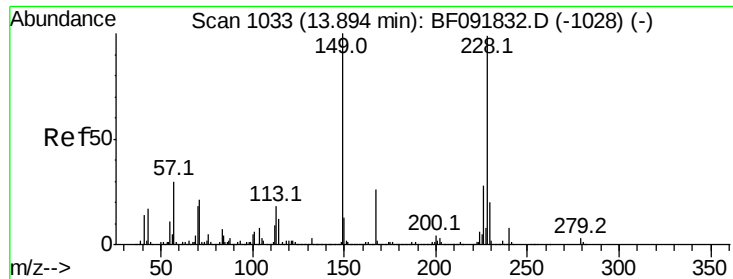
mohammad
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#82
Chrysene
Concen: 4.23 ng m
RT: 13.70 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	24.1	16.2	24.2





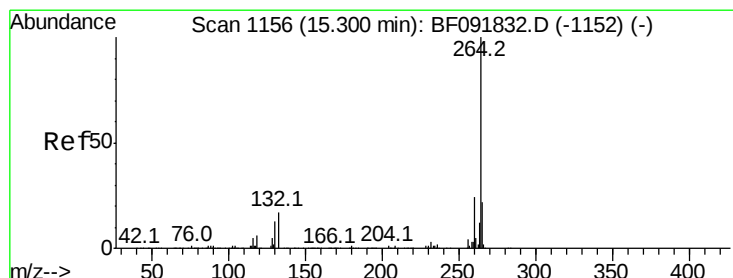
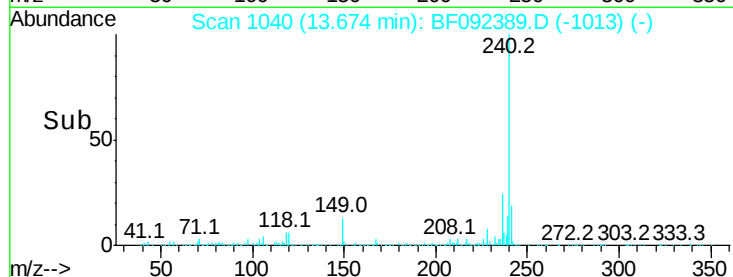
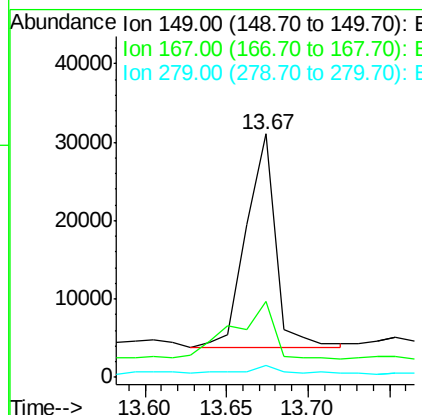
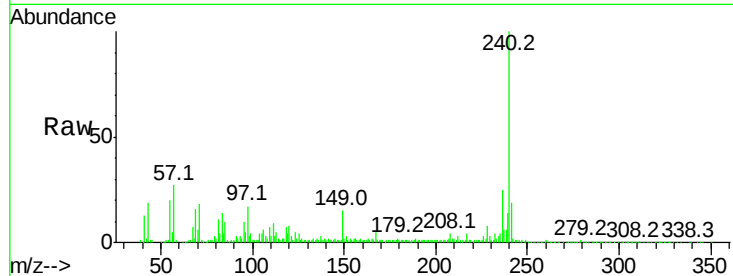
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.72 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Instrument :
BNA_F
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.1	20.2	30.4#
279	4.9	1.8	2.8#

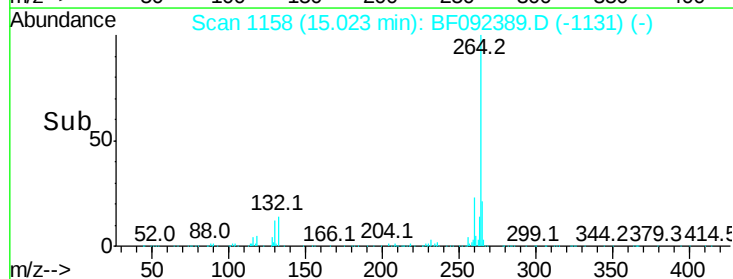
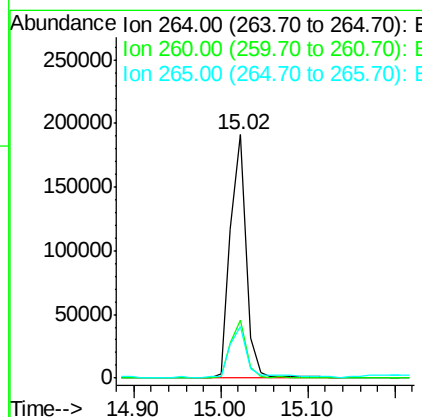
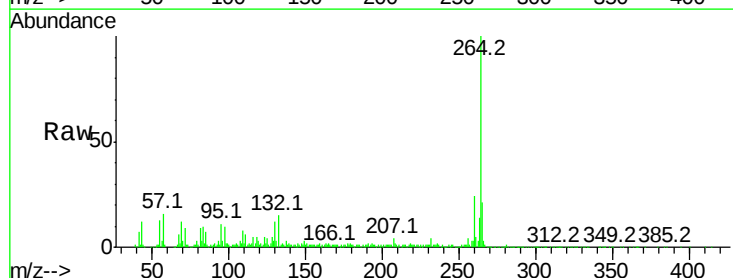
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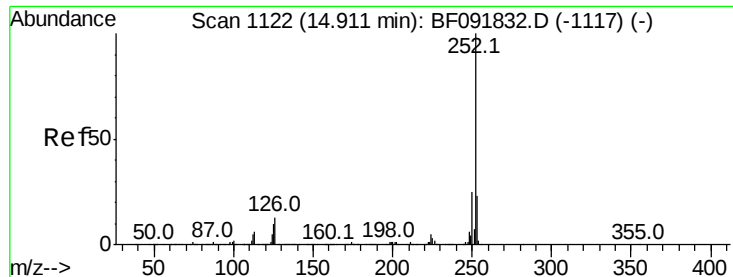
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF092389.D
Acq: 20 Jan 2017 23:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 5.82 ng m

RT: 14.67 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Instrument :

BNA_F

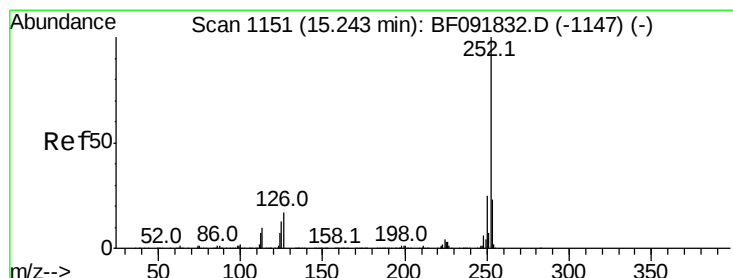
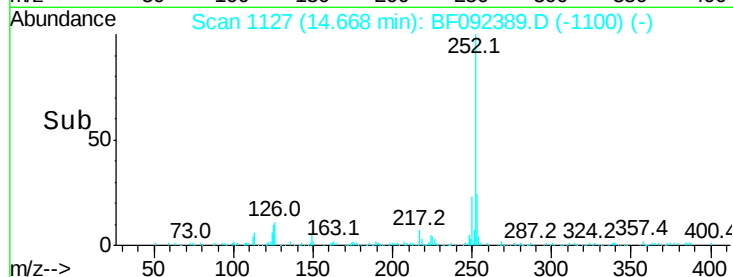
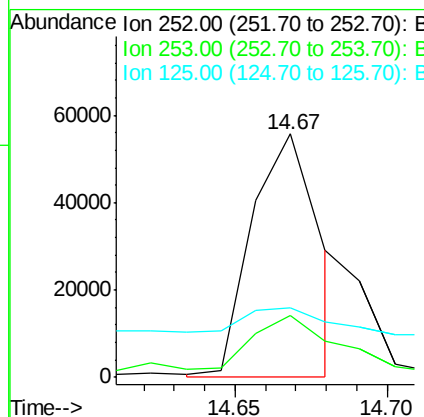
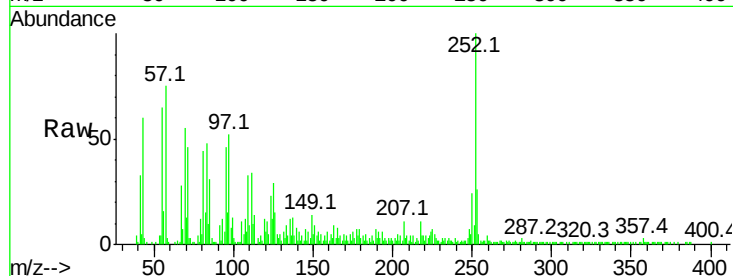
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	252	Resp:	87199
Ion Ratio	Lower	Upper	
252	100		
253	25.6	18.2	27.4
125	28.5	9.8	14.6#

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#89

Benzo(a)pyrene

Concen: 3.68 ng

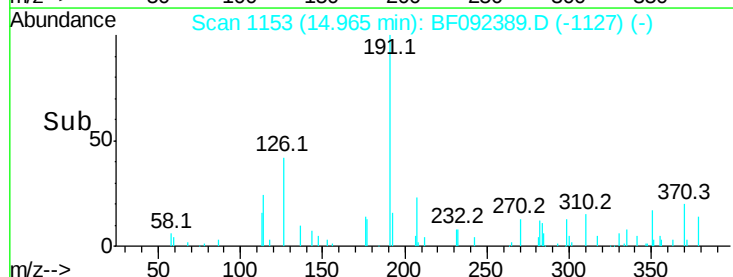
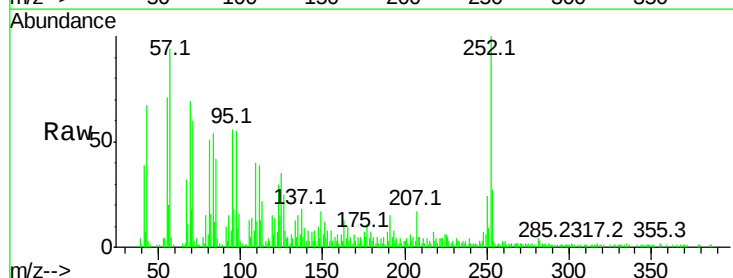
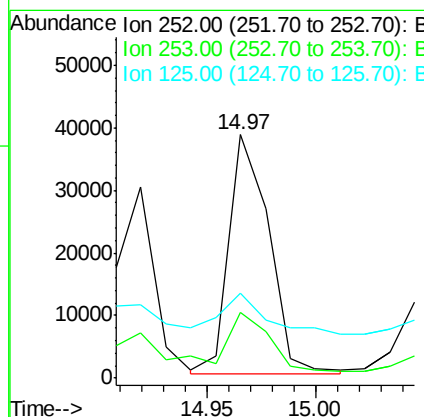
RT: 14.97 min Scan# 1153

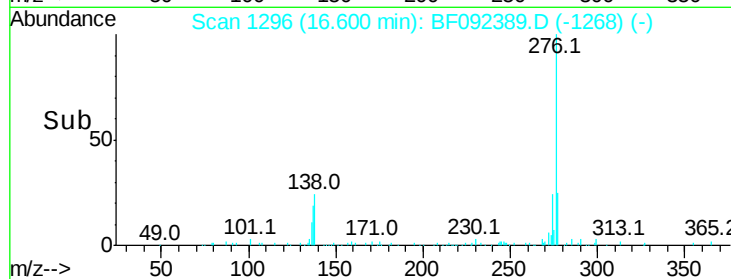
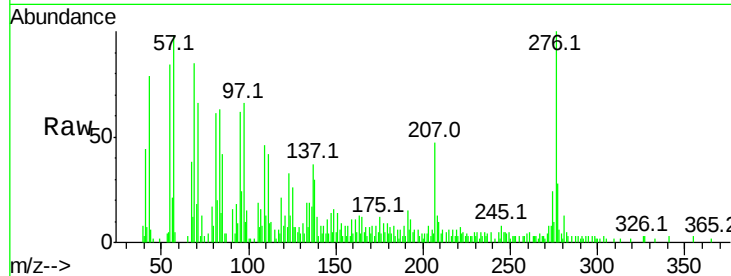
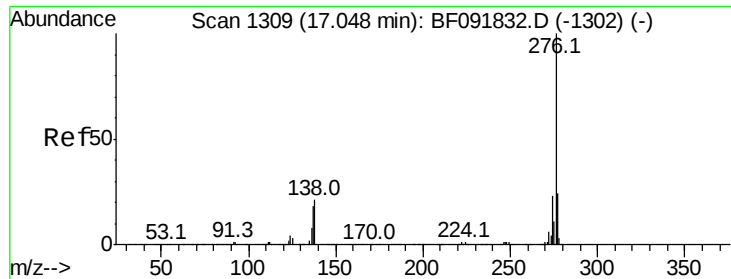
Delta R.T. 0.00 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Tgt Ion:	252	Resp:	49013
Ion Ratio	Lower	Upper	
252	100		
253	27.1	18.2	27.2
125	34.9	10.0	15.0#





#91

Benzo(a,h,i)perylene

Concen: 2.44 ng

RT: 16.60 min Scan# 1296

Delta R.T. 0.02 min

Lab File: BF092389.D

Acq: 20 Jan 2017 23:02

Instrument :

BNA_F

ClientSampleId :

S2-0-3FT-COMP

Tot Ion: 276 Resp: 27773

Ion Ratio Lower Upper

276 100

277 27.7 19.2 28.8

138 30.2 16.0 24.0#

Manual Integrations

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