

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091409.D
 Acq On : 3 Dec 2016 00:29
 Operator : UM/SJ
 Sample : H5825-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-1

Manual Integrations
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Quant Time: Dec 03 02:53:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	196068	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	795286	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	386535	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	614471	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	507845	20.00	ng	-0.03
86) Perylene-d12	15.44	264	420354	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	976561	81.37	ng	0.00
7) Phenol-d6	6.49	99	1287286	87.13	ng	0.00
23) Nitrobenzene-d5	7.42	82	778967	54.89	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	281289	76.87	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1128513	52.86	ng	-0.02
78) Terphenyl-d14	12.97	244	940407	40.25	ng	-0.02
Target Compounds						
10) Phenol	6.50	94	107493	6.18	ng	Qvalue 84
31) Naphthalene	8.16	128	98772m	2.61	ng	
37) 2-Methylnaphthalene	8.86	142	372272	14.50	ng	93
49) Dimethylphthalate	9.62	163	286698	12.25	ng	# 98
57) Fluorene	10.45	166	51197	2.27	ng	# 96
70) Phenanthrene	11.41	178	170622	5.34	ng	# 95

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

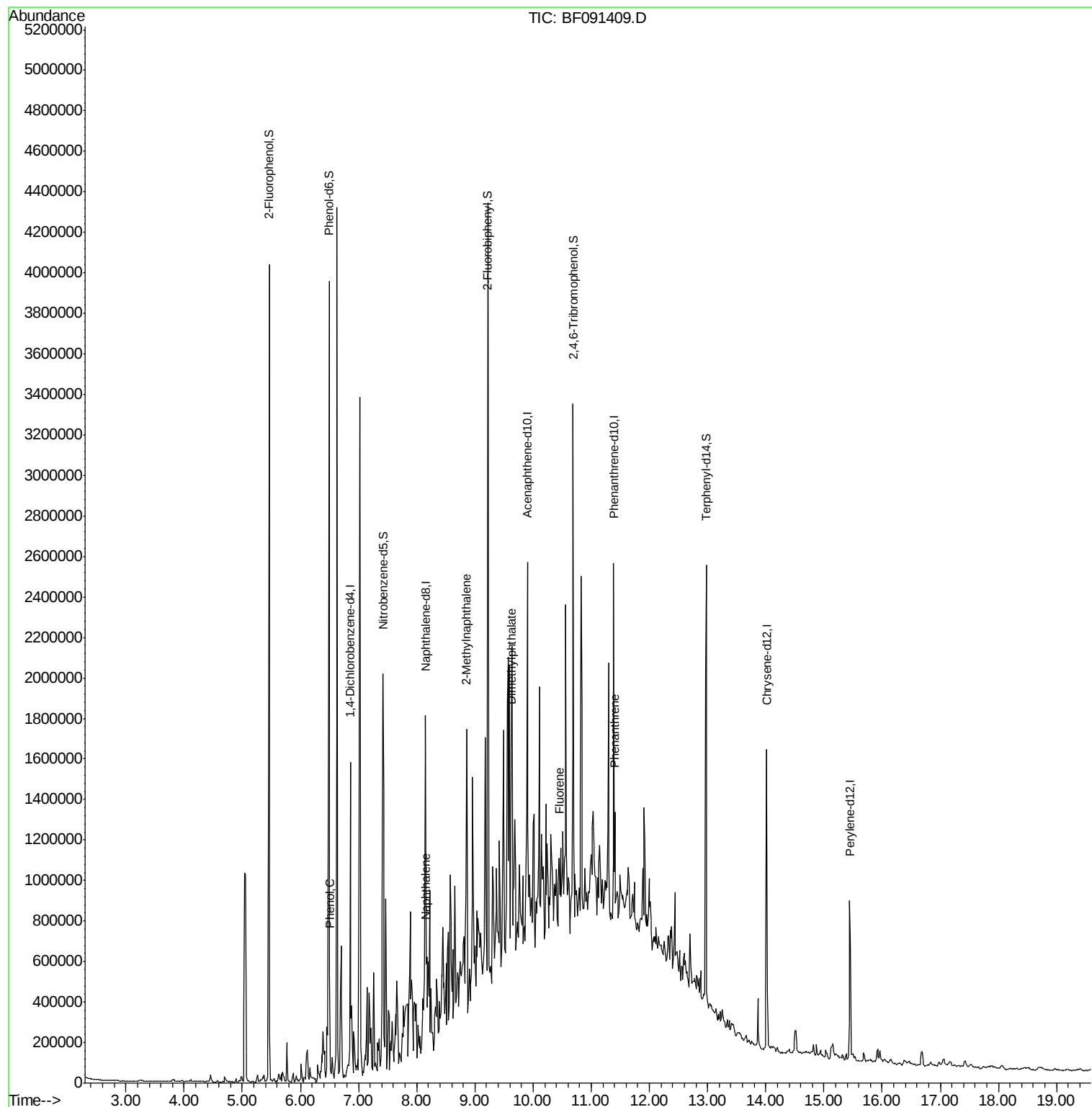
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091409.D
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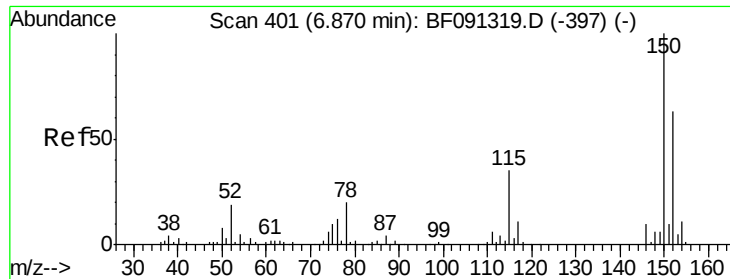
Instrument :
BNA_F
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S120116SF-S-1

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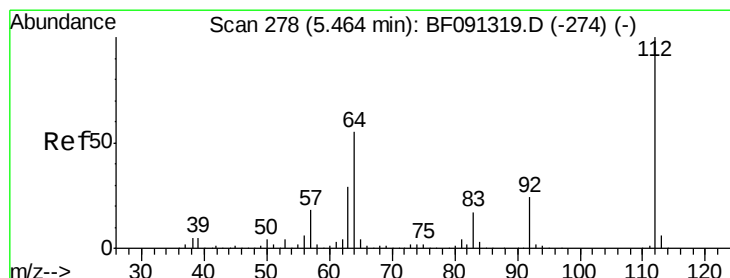
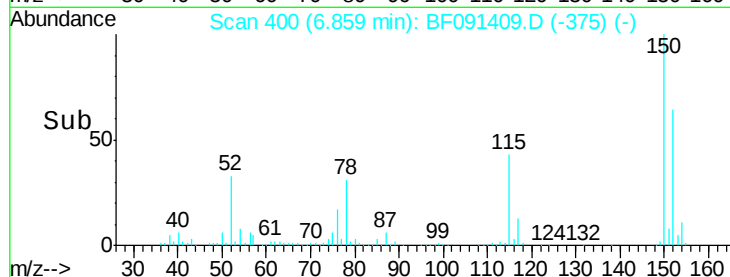
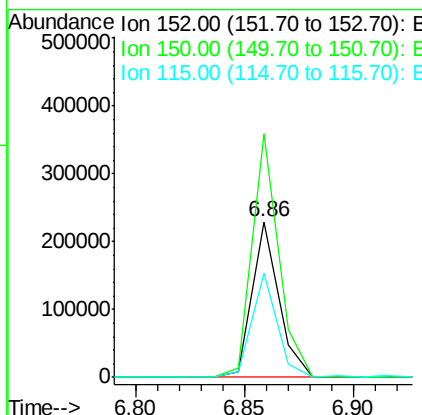
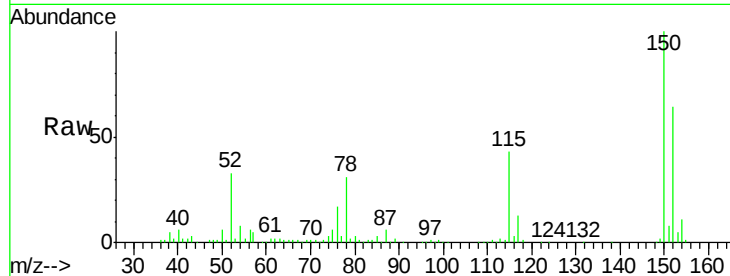
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.02 min
 Lab File: BF091409.D
 Acq: 3 Dec 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	196068		
150	156.7	122.5	183.7	
115	66.9	51.8	77.8	

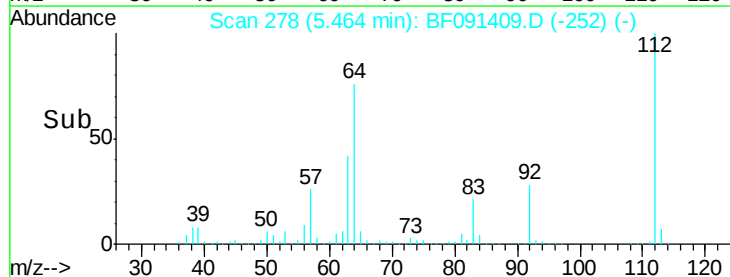
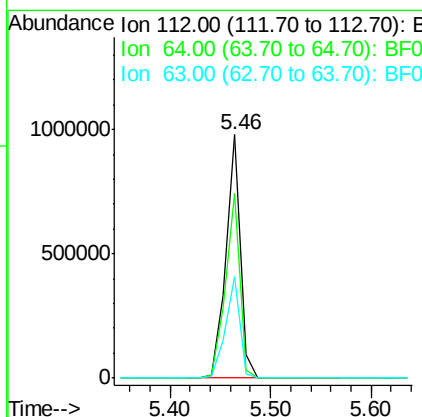
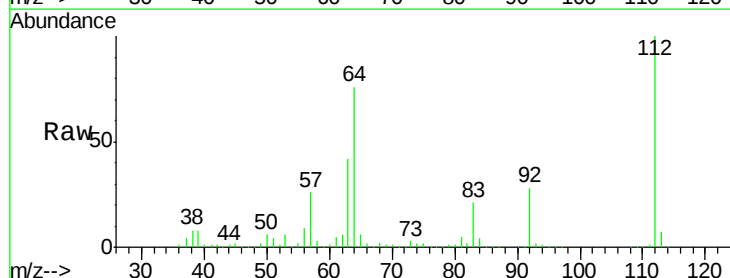
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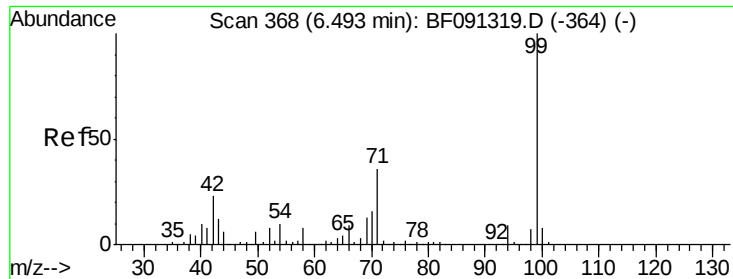
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#5
 2-Fluorophenol
 Concen: 81.37 ng
 RT: 5.46 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: BF091409.D
 Acq: 3 Dec 2016 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	976561		
64	75.9	61.5	92.3	
63	41.6	33.3	49.9	





#7

Phenol-d6

Concen: 87.13 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091409.D

Acq: 3 Dec 2016 00:29

Instrument :

BNA_F

ClientSampleId :

S120116SF-S-1

Tgt Ion: 99 Resp: 1287286

Ion Ratio Lower Upper

99 100

42 24.4 20.6 31.0

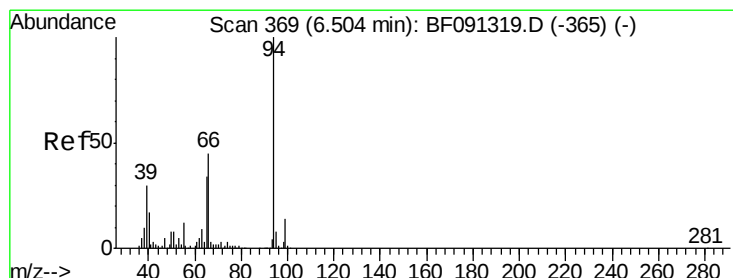
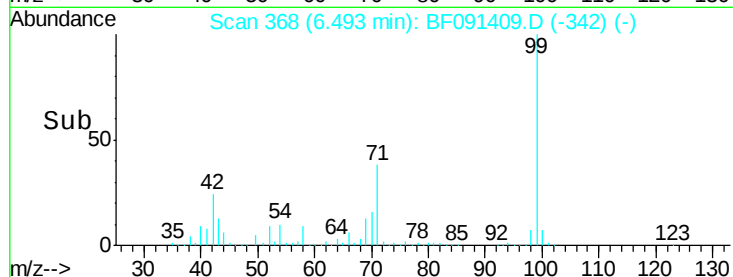
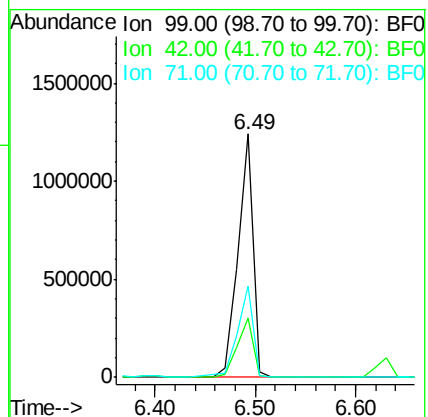
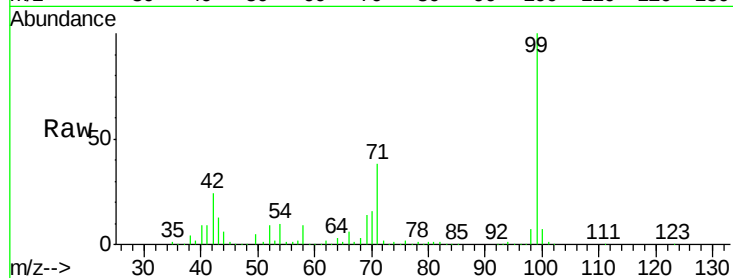
71 37.5 29.9 44.9

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#10

Phenol

Concen: 6.18 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091409.D

Acq: 3 Dec 2016 00:29

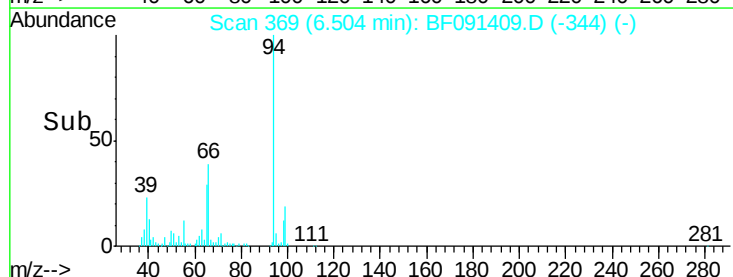
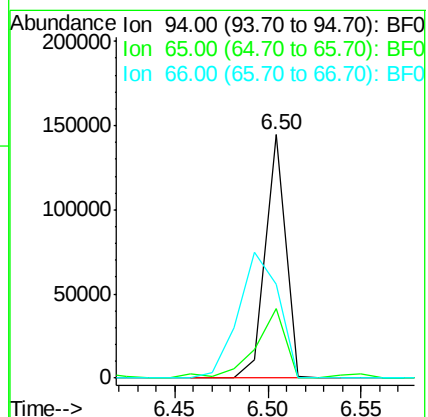
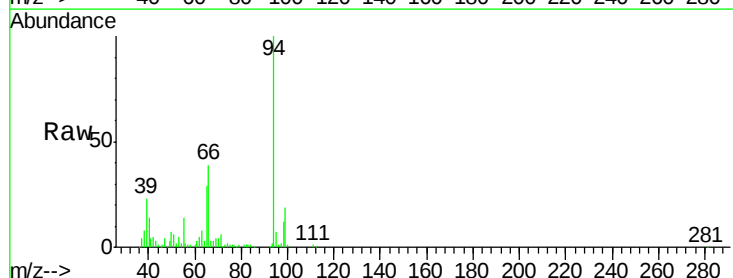
Tgt Ion: 94 Resp: 107493

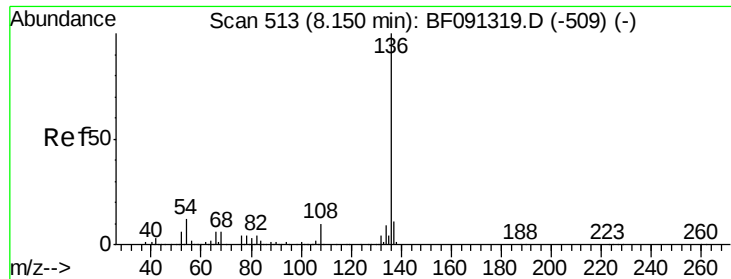
Ion Ratio Lower Upper

94 100

65 28.5 16.9 56.9

66 38.7 30.6 70.6





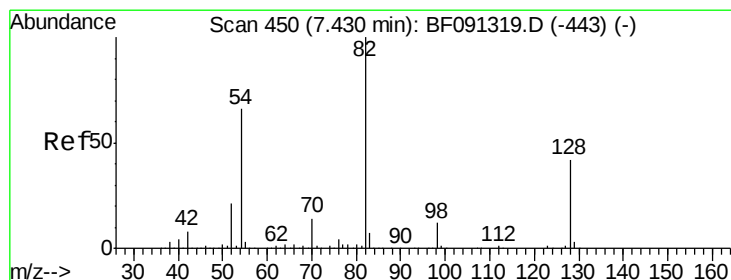
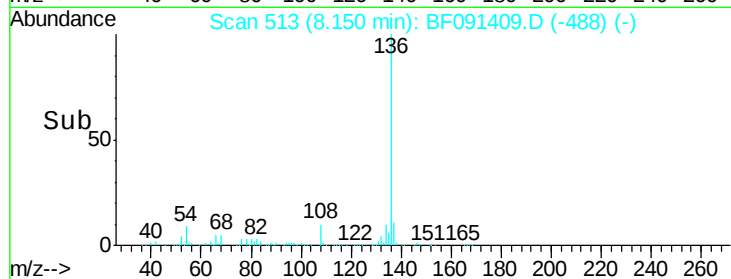
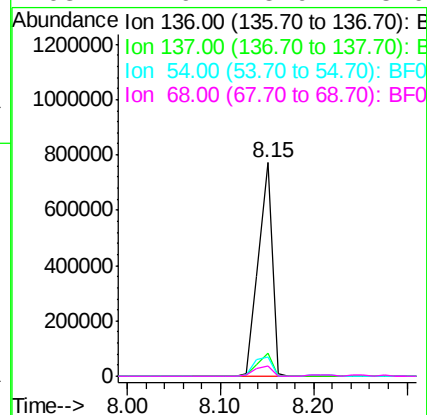
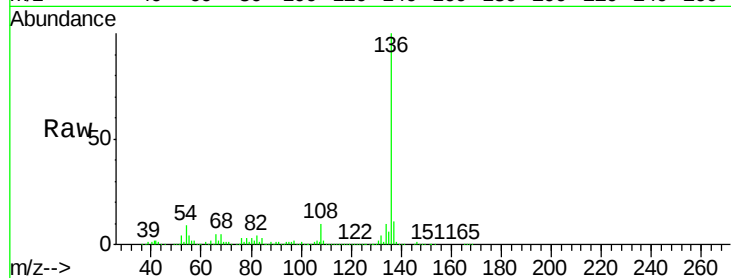
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	9.1	13.7
54	9.1	9.1	13.7#
68	4.9	5.9	8.9#

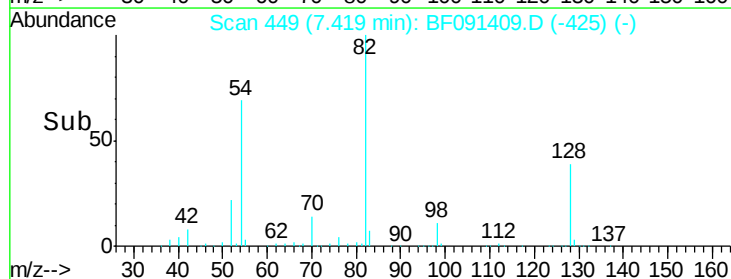
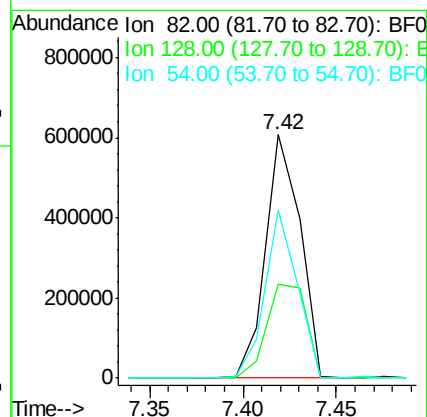
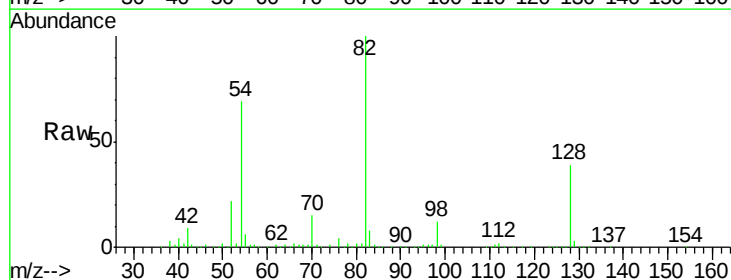
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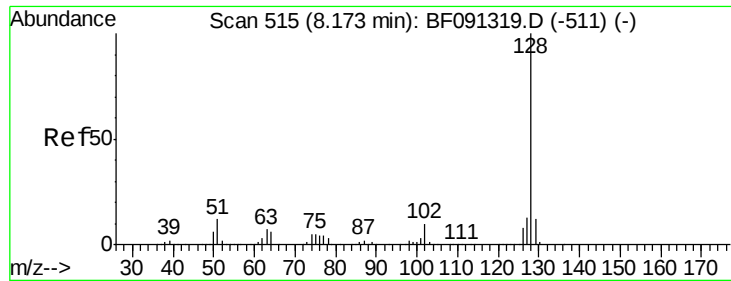
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#23
Nitrobenzene-d5
Concen: 54.89 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	38.5	31.8	47.6
54	69.1	49.1	73.7





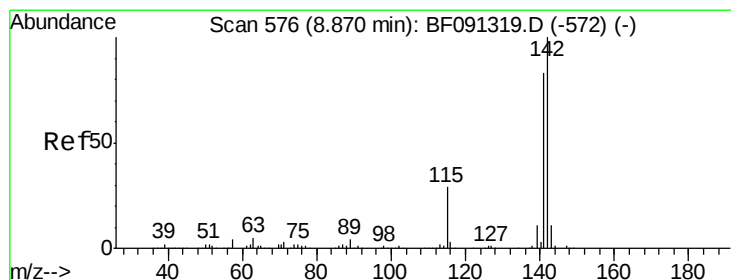
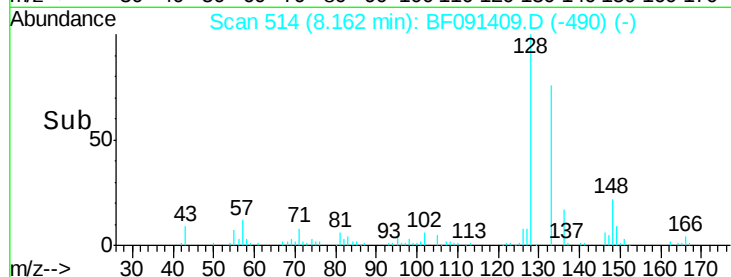
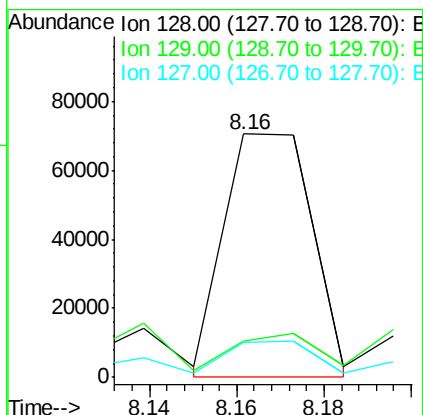
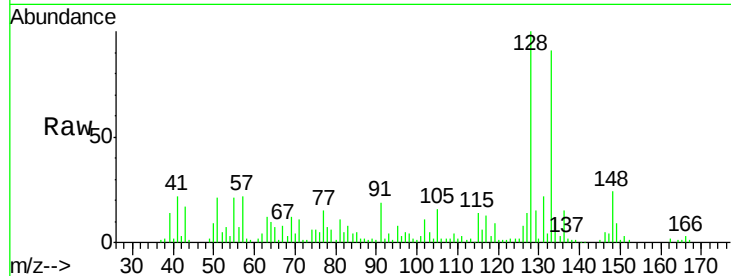
#31
Naphthalene
Concen: 2.61 ng m
RT: 8.16 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-1

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.2	9.1	13.7#
127	14.5	11.0	16.4

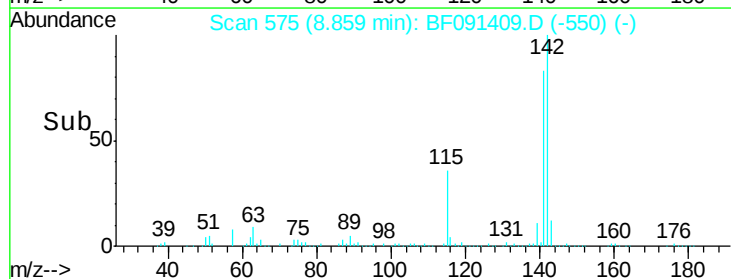
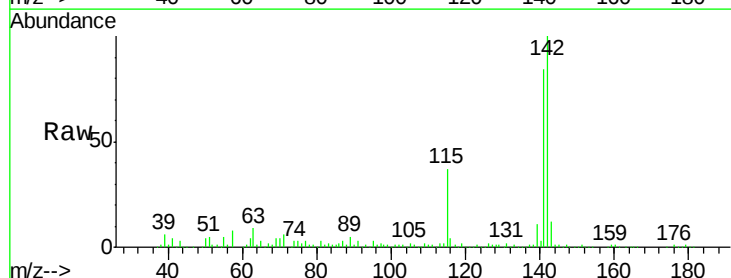
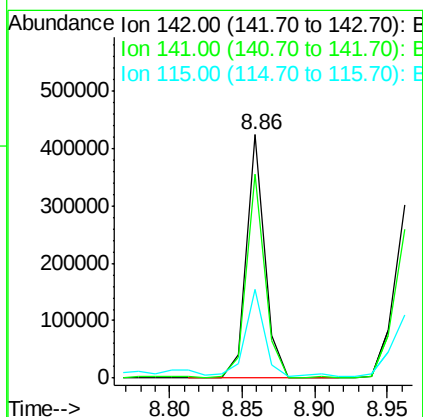
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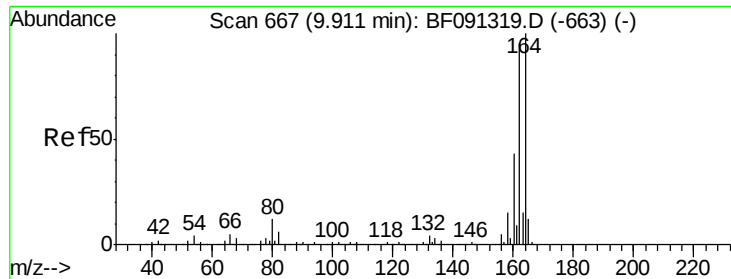
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#37
2-Methylnaphthalene
Concen: 14.50 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.7	71.7	107.5
115	36.6	25.0	37.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091409.D

Acq: 3 Dec 2016 00:29

Instrument :

BNA_F

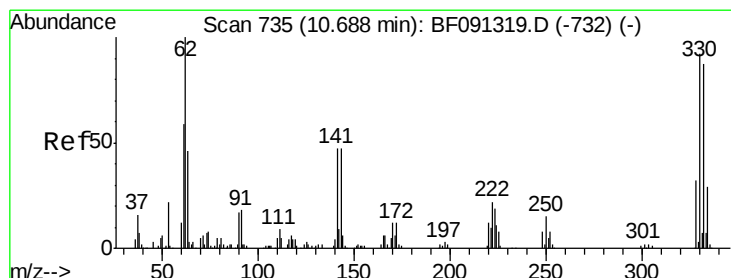
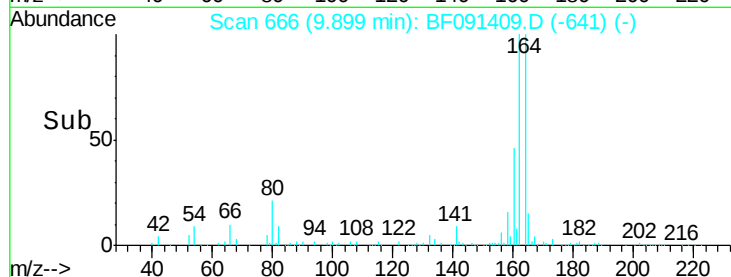
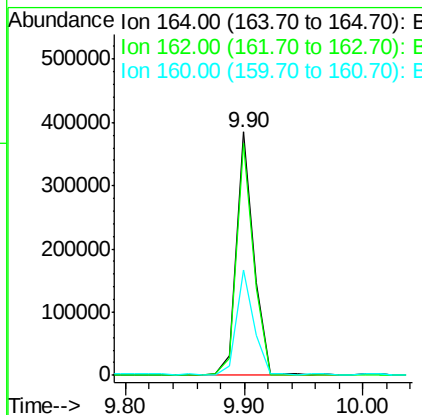
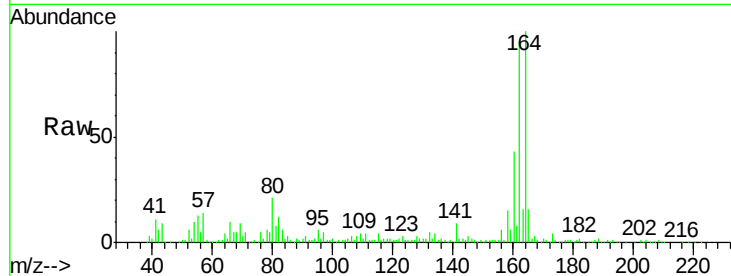
ClientSampleId :

S120116SF-S-1

Tgt Ion:	164	Resp:	386535
Ion Ratio	Lower	Upper	
164	100		
162	95.2	82.6	124.0
160	43.4	36.7	55.1

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#41

2,4,6-Tribromophenol

Concen: 76.87 ng

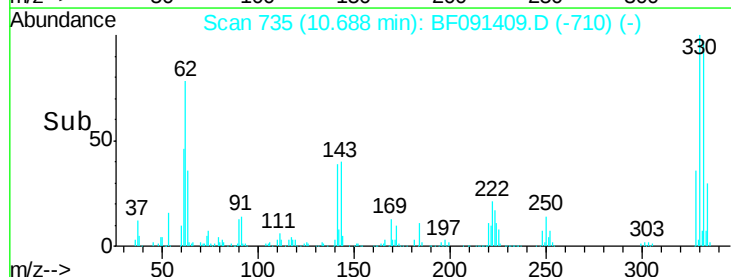
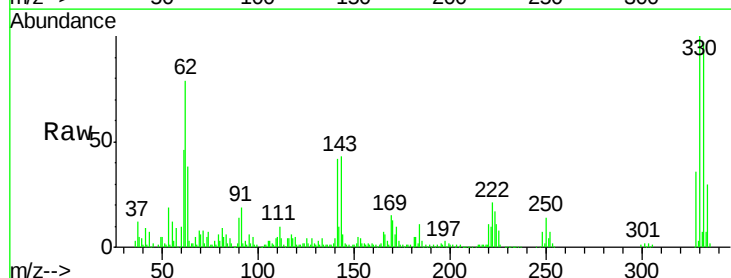
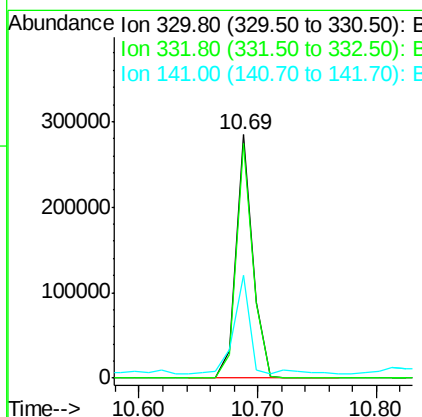
RT: 10.69 min Scan# 735

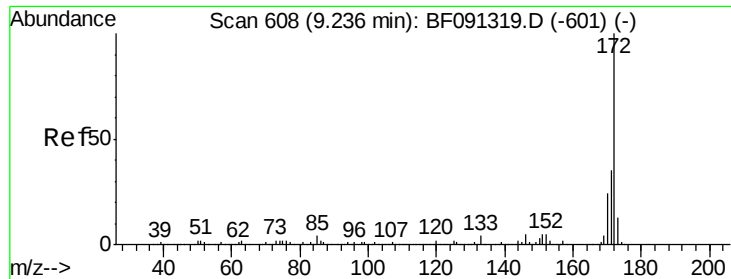
Delta R.T. -0.02 min

Lab File: BF091409.D

Acq: 3 Dec 2016 00:29

Tgt Ion:	330	Resp:	281289
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.2	114.4
141	37.1	33.6	50.4





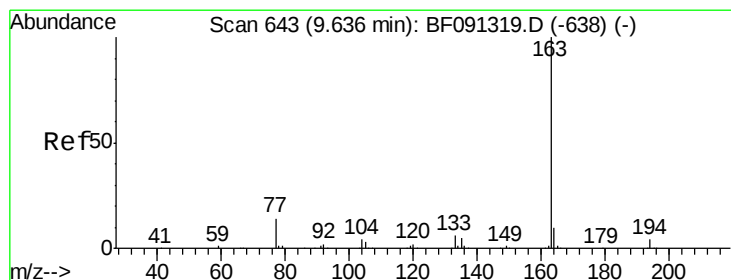
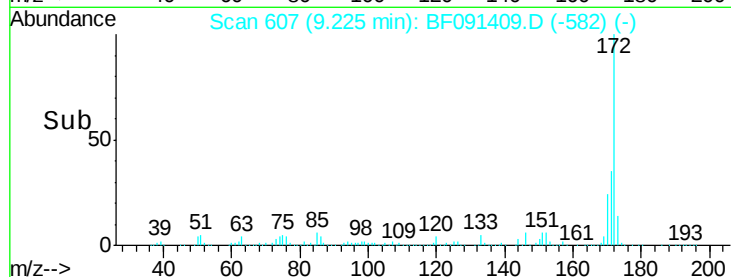
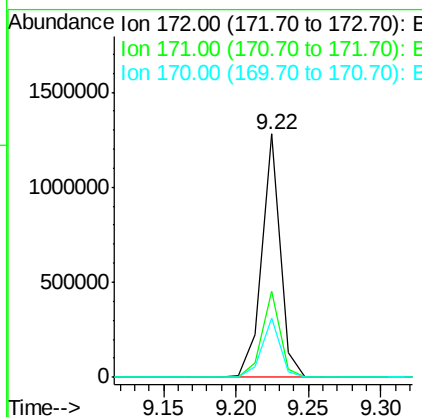
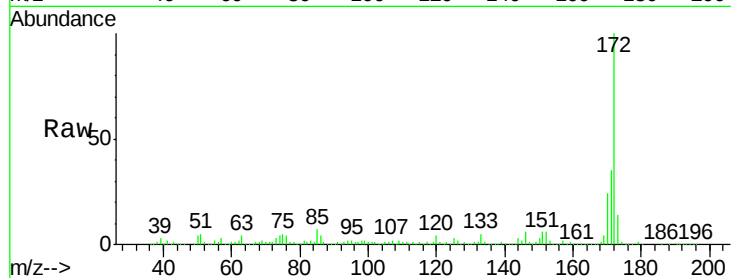
#44
2-Fluorobiphenyl
Concen: 52.86 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Instrument :
BNA_F
ClientSampleId :
S120116SF-S-1

Tgt Ion:172 Resp: 1128513
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 24.3 19.7 29.5

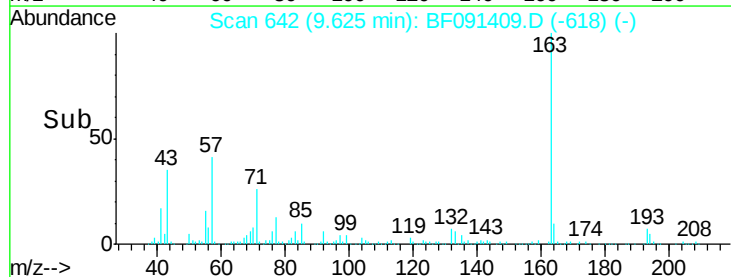
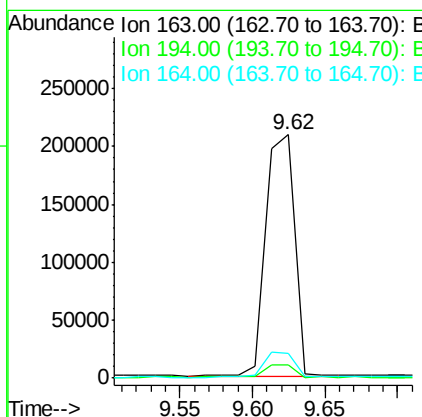
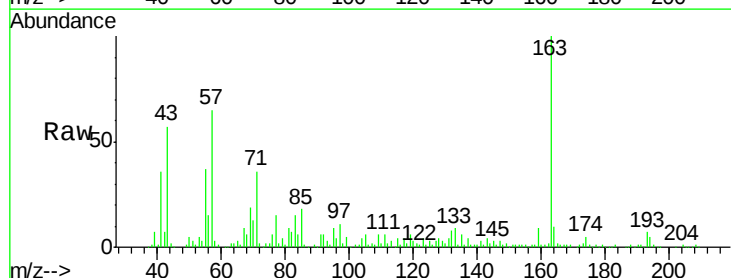
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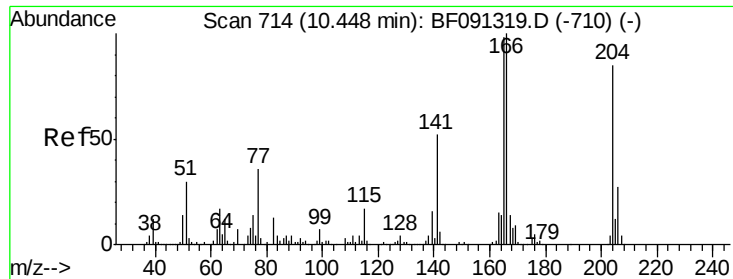
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#49
Dimethylphthalate
Concen: 12.25 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Tgt Ion:163 Resp: 286698
Ion Ratio Lower Upper
163 100
194 5.5 3.0 4.4#
164 10.0 7.8 11.8





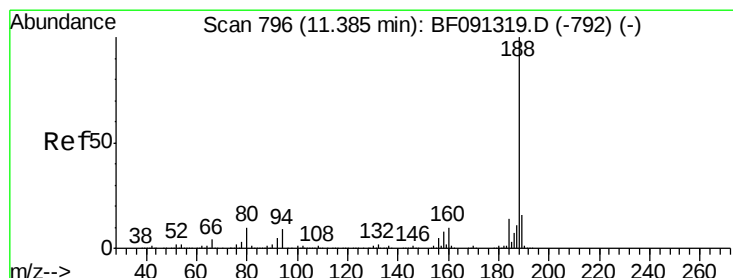
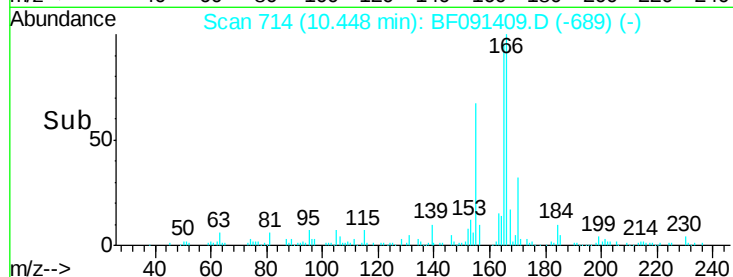
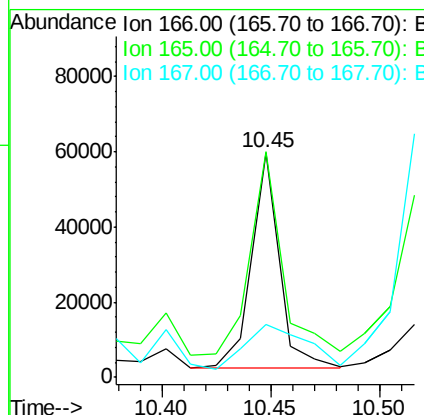
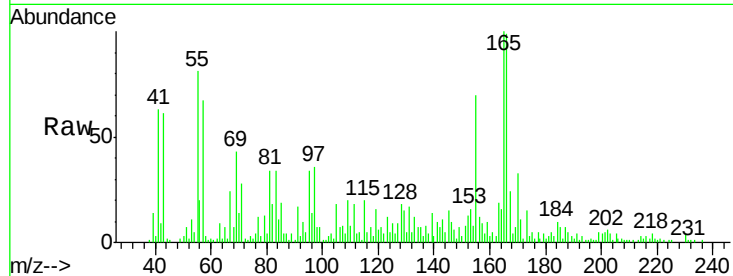
#57
Fluorene
 Concen: 2.27 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091409.D
 Acq: 3 Dec 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-1

Tgt Ion:166 Resp: 51197
 Ion Ratio Lower Upper
 166 100
 165 100.6 80.0 120.0
 167 23.8 10.8 16.2#

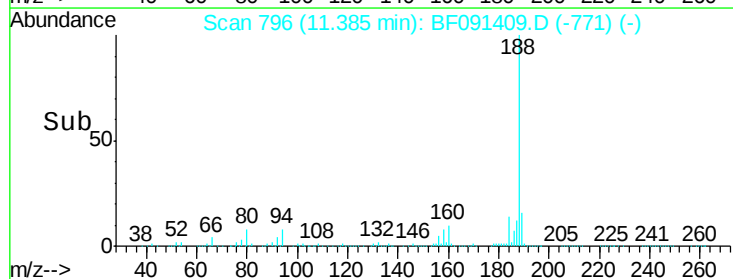
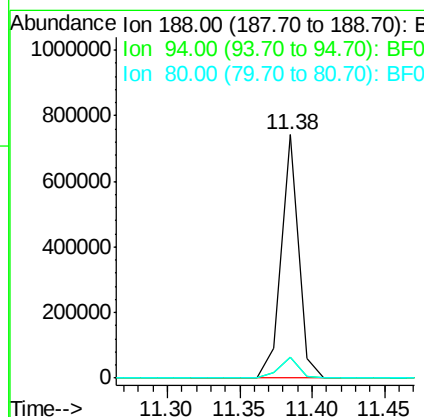
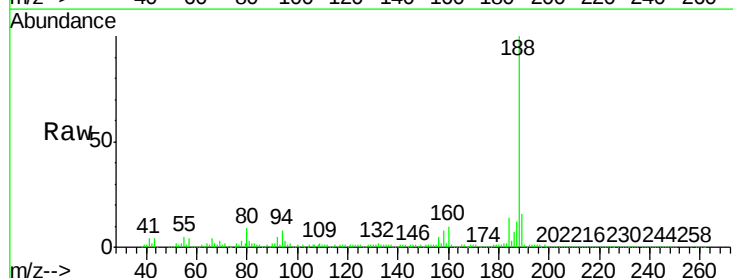
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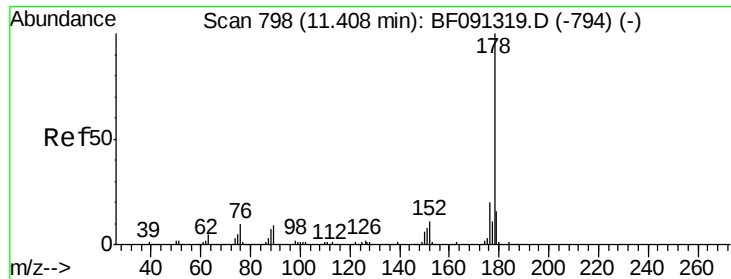
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091409.D
 Acq: 3 Dec 2016 00:29

Tgt Ion:188 Resp: 614471
 Ion Ratio Lower Upper
 188 100
 94 8.5 9.2 13.8#
 80 8.7 10.5 15.7#





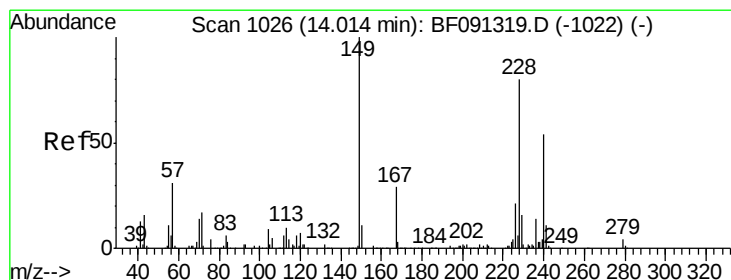
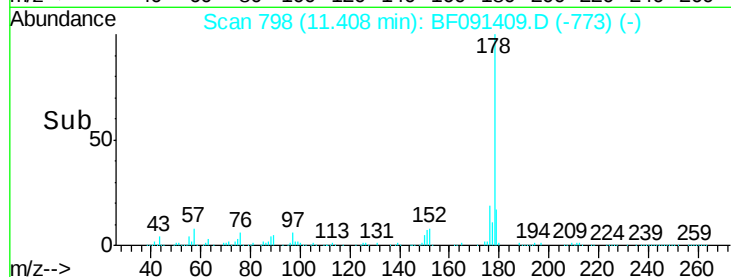
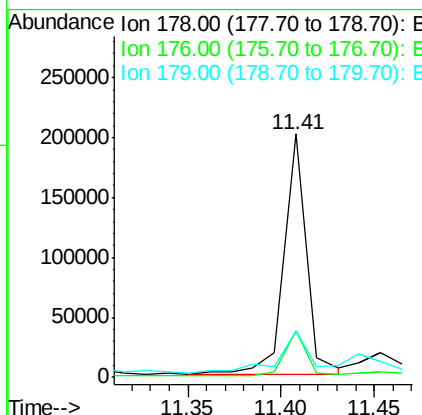
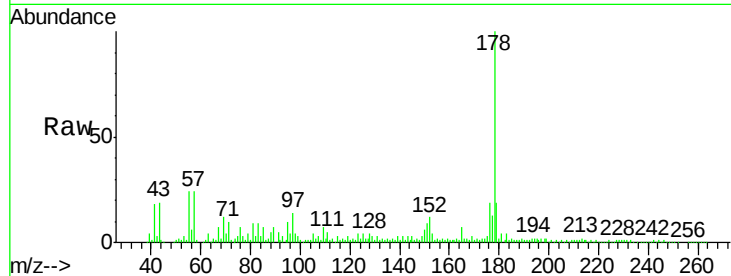
#70
Phenanthrene
Concen: 5.34 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Instrument :
BNA_F
ClientSampled :
S120116SF-S-1

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.1	15.9	23.9
179	19.1	12.6	18.8

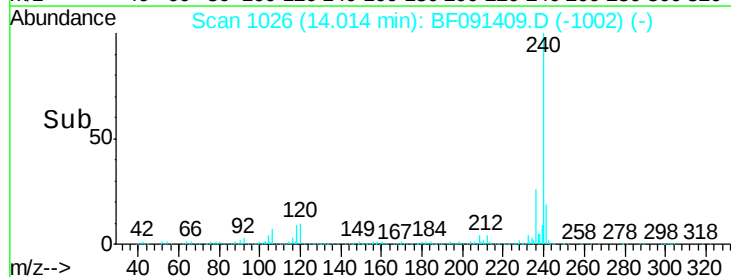
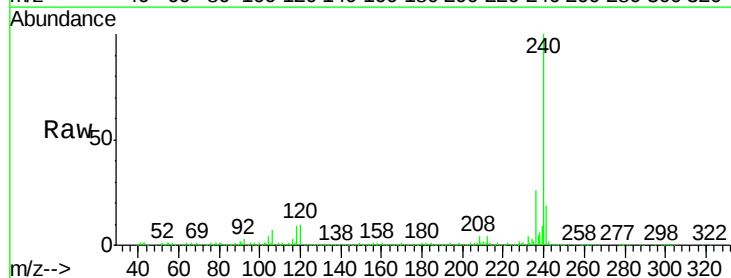
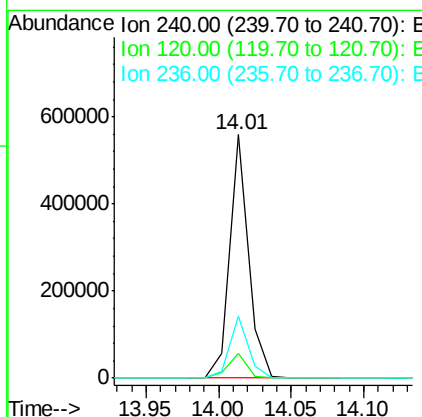
Manual Integrations
APPROVED

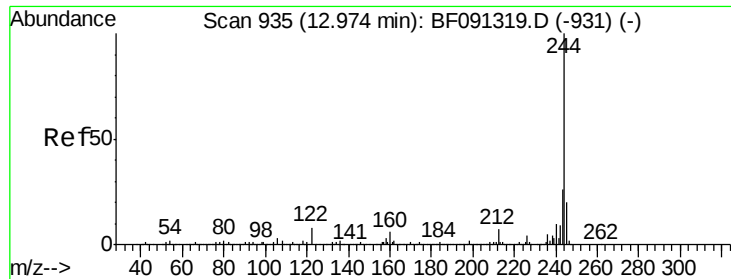
sohil
12/5/2016 11:21:06 AM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091409.D
Acq: 3 Dec 2016 00:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.9	12.1	18.1
236	25.6	21.0	31.6





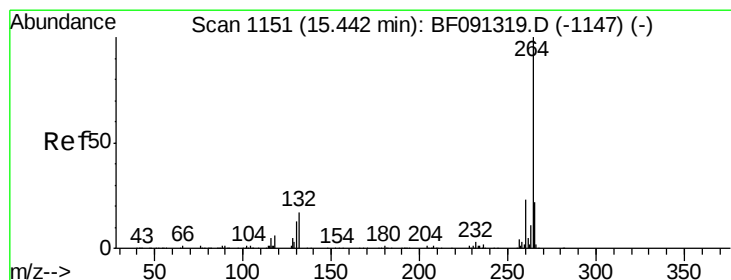
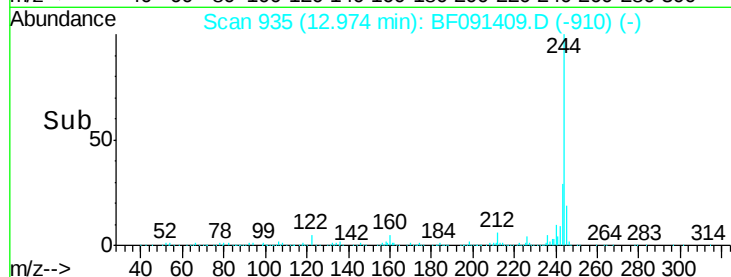
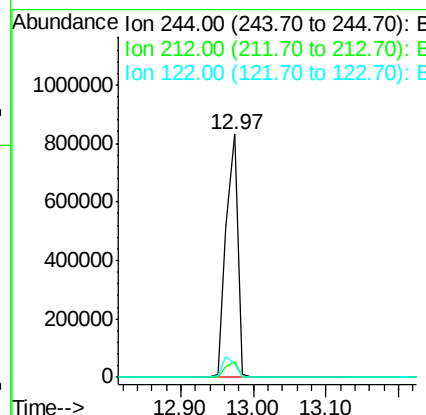
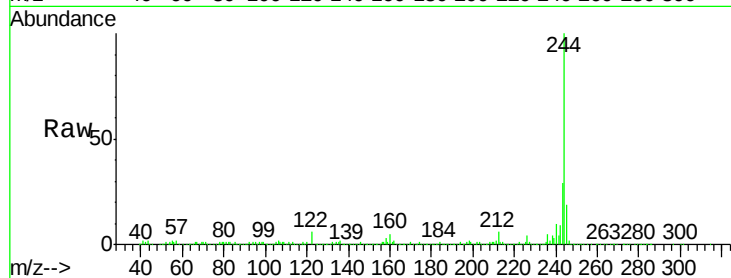
#78
 Terphenyl-d14
 Concen: 40.25 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091409.D
 Acq: 3 Dec 2016 00:29

Instrument :
 BNA_F
 ClientSampleId :
 S120116SF-S-1

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.5	9.7#
122	5.5	9.5	14.3#

Manual Integrations
 APPROVED

sohil
 12/5/2016 11:21:06 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091409.D
 Acq: 3 Dec 2016 00:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.8	17.0	25.6

