

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096741.D
 Acq On : 13 Jul 2017 21:38
 Operator : SJ/JU
 Sample : I4147-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F-7-11RE

Manual Integrations
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mohammad
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Quant Time: Jul 14 03:21:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	115853	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	464331	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	168843	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	264636	20.00	ng	0.00
75) Chrysene-d12	13.77	240	195204	20.00	ng	0.00
86) Perylene-d12	15.16	264	179453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	27430	3.56	ng	0.00
7) Phenol-d6	6.26	99	146621	15.86	ng	-0.02
23) Nitrobenzene-d5	7.19	82	106081	14.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	405	0.28	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	187076	17.51	ng	0.00
78) Terphenyl-d14	12.72	244	105085	9.34	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.39	163	44719	3.517	ng	99
70) Phenanthrene	11.16	178	71971	5.002	ng	97
74) Fluoranthene	12.34	202	68061	4.942	ng	99
77) Pyrene	12.57	202	56070	3.165	ng	98
80) Benzo(a)anthracene	13.76	228	28309	2.328	ng	98
82) Chrysene	13.79	228	28952m	2.418	ng	
87) Benzo(b)fluoranthene	14.77	252	29556m	2.731	ng	

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

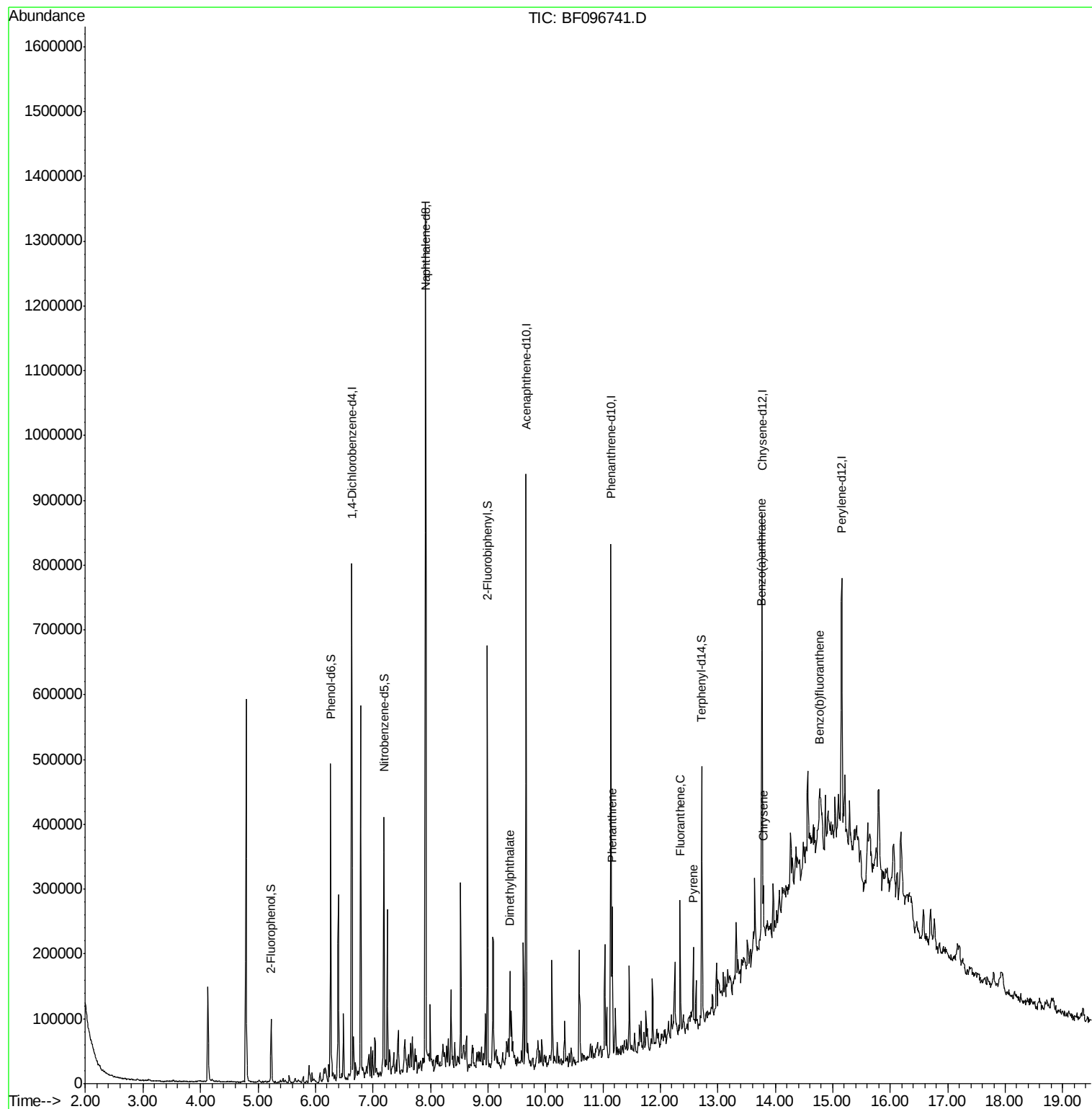
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096741.D
Acq On : 13 Jul 2017 21:38
Operator : SJ/JU
Sample : I4147-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

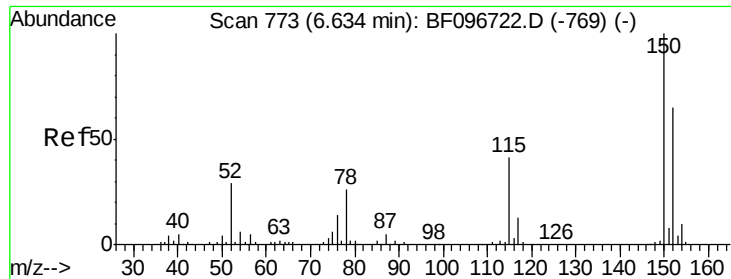
Instrument :
BNA_F
ClientSampleId :
F-7-11RE

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Quant Time: Jul 14 03:21:08 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
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QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration





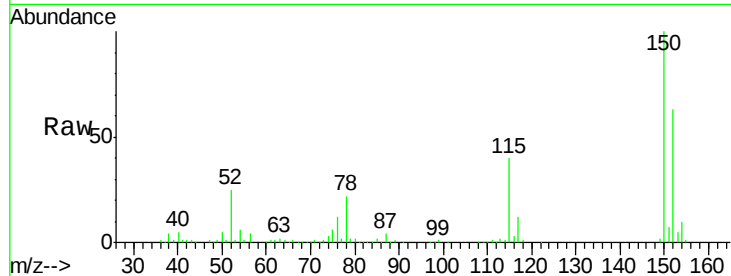
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.63 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096741.D
 Acq: 13 Jul 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 F-7-11RE

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	115853		
150	158.6	126.2	189.2	
115	62.7	52.2	78.2	

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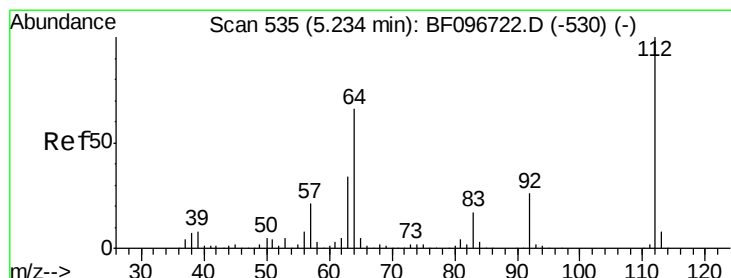
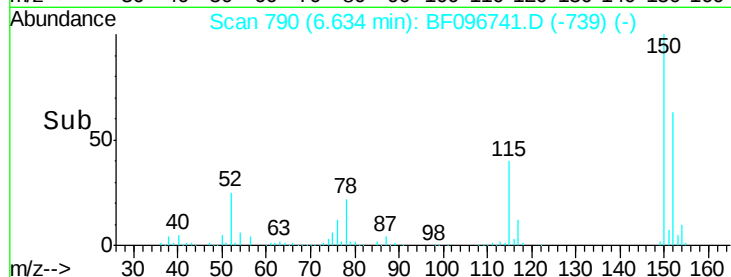
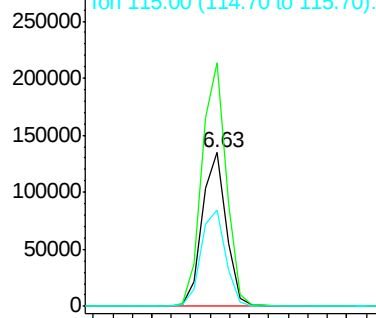


Abundance

Ion 152.00 (151.70 to 152.70): E

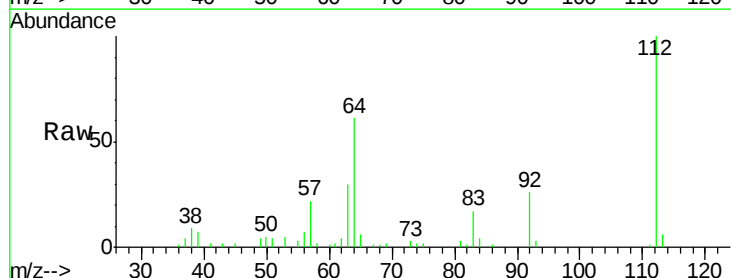
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 3.560 ng
 RT: 5.23 min Scan# 551
 Delta R.T. -0.01 min
 Lab File: BF096741.D
 Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	27430		
64	61.3	46.0	69.0	
63	29.9	23.4	35.0	

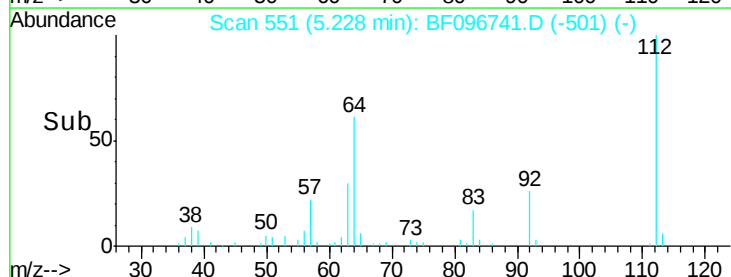
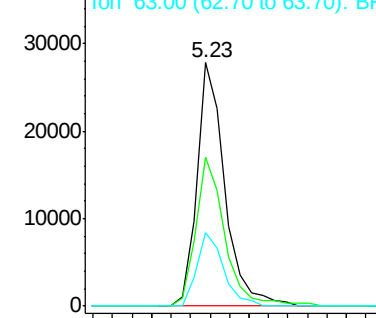


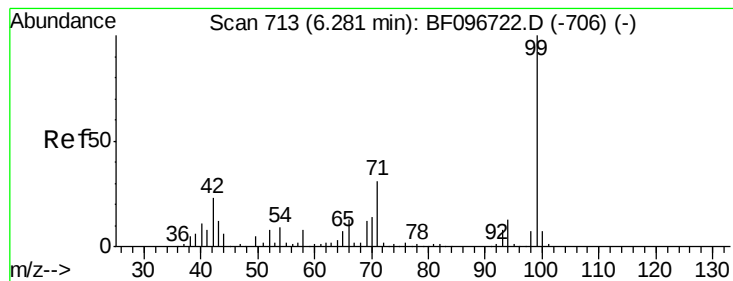
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.857 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096741.D

Acq: 13 Jul 2017 21:38

Instrument :

BNA_F

ClientSampleId :

F-7-11RE

Tgt Ion: 99 Resp: 146621

Ion Ratio Lower Upper

99 100

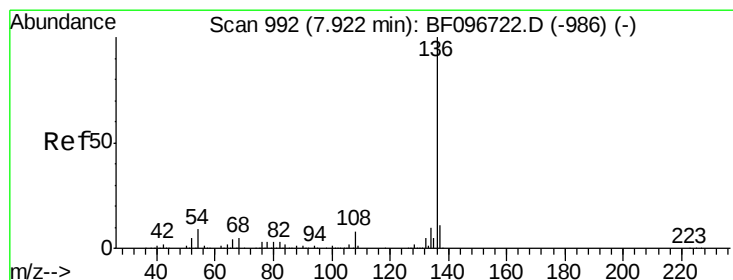
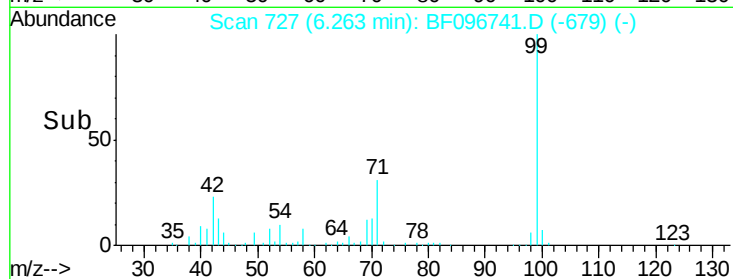
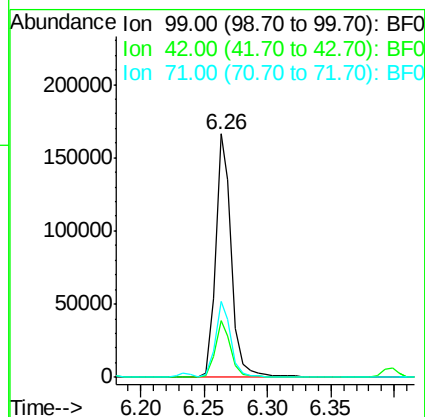
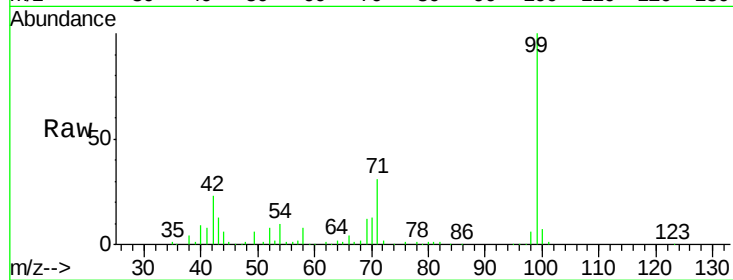
42 23.1 13.5 20.3#

71 31.1 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096741.D

Acq: 13 Jul 2017 21:38

Tgt Ion: 136 Resp: 464331

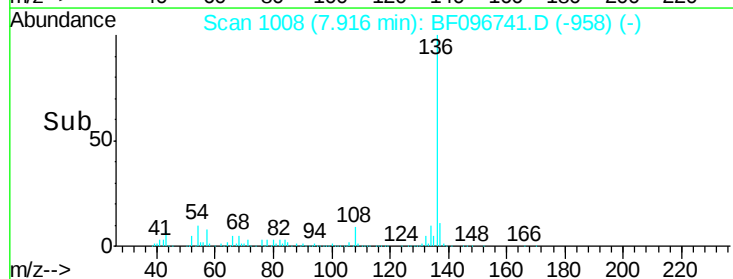
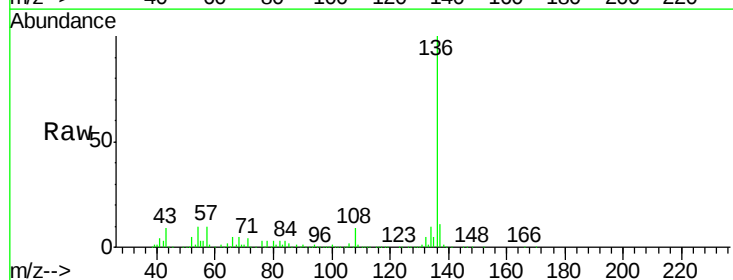
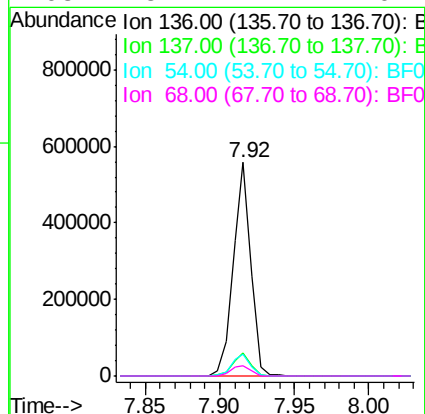
Ion Ratio Lower Upper

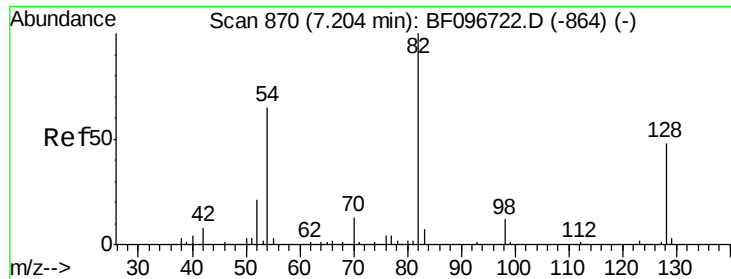
136 100

137 11.0 8.5 12.7

54 10.3 4.9 7.3#

68 5.1 4.1 6.1





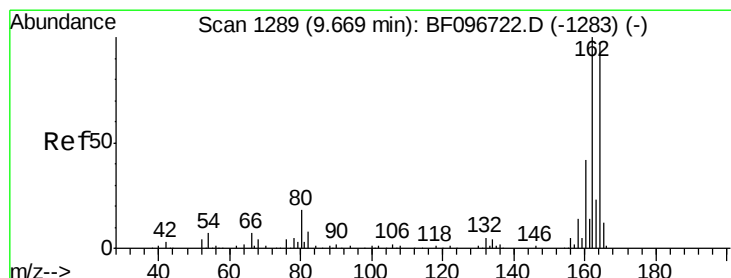
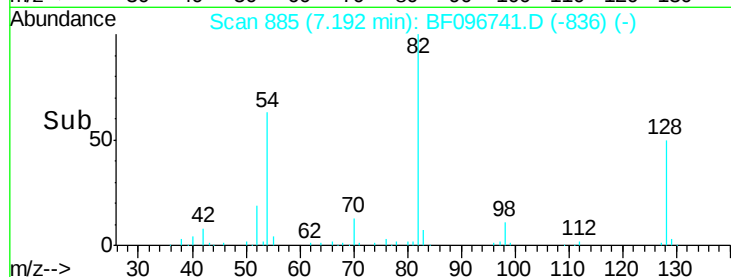
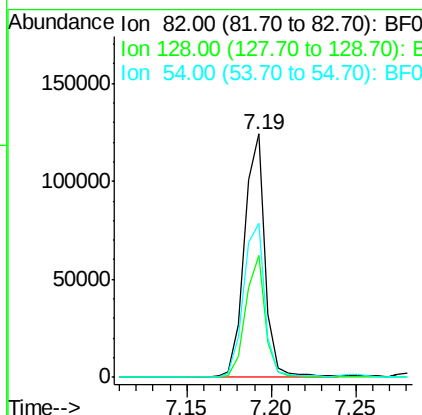
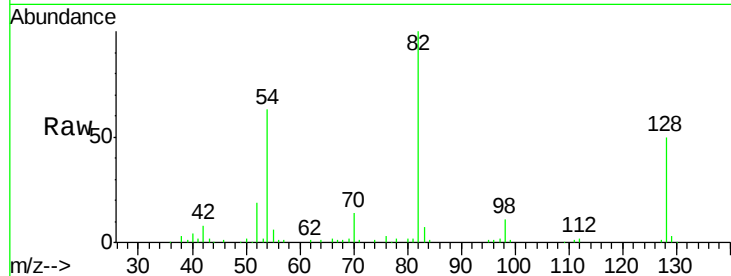
#23
Nitrobenzene-d5
Concen: 14.151 ng
RT: 7.19 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096741.D
Acq: 13 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :
F-7-11RE

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	106081		
128	50.2	34.0	51.0	
54	63.5	42.2	63.2	

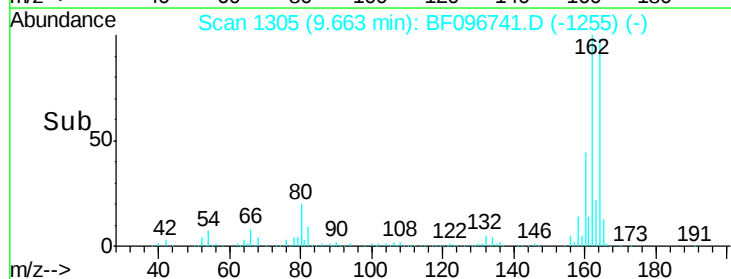
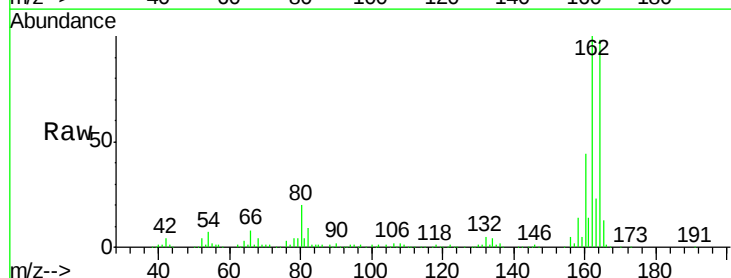
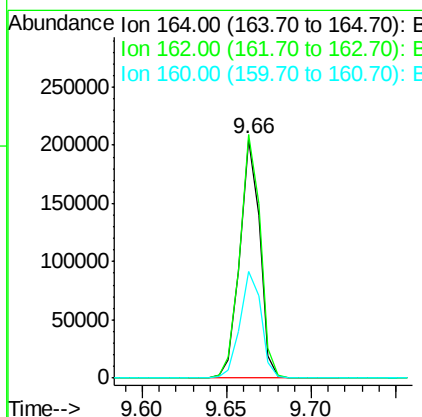
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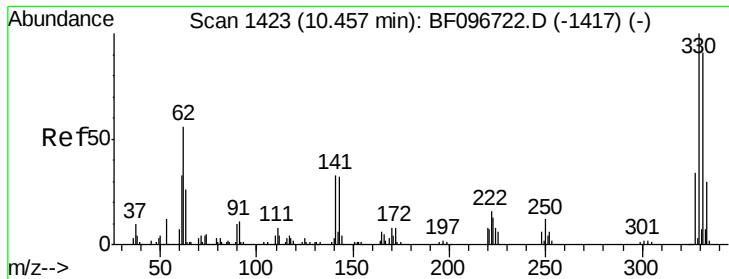
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF096741.D
Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	168843		
162	101.9	82.6	123.8	
160	44.5	36.2	54.2	





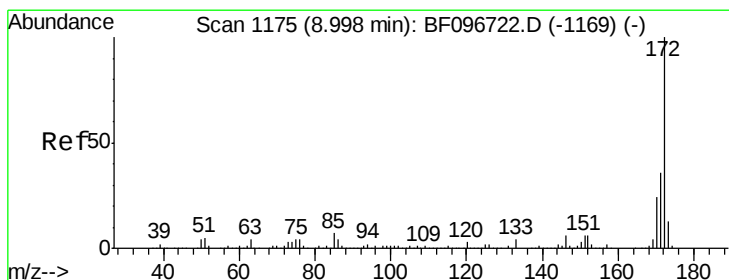
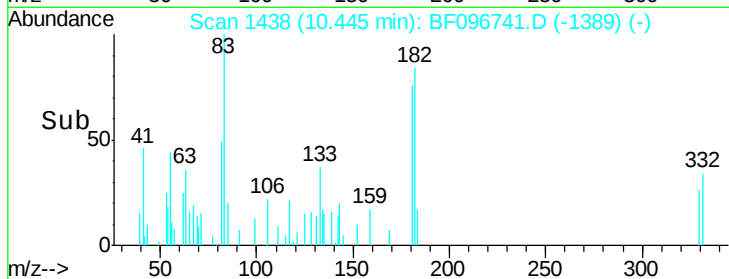
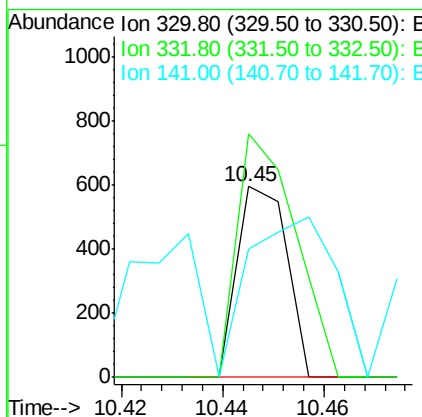
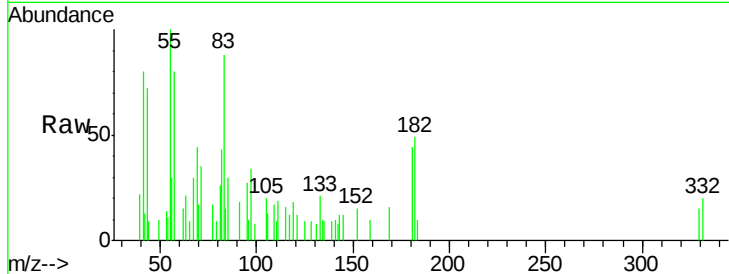
#41
 2,4,6-Tribromophenol
 Concen: 0.281 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096741.D
 Acq: 13 Jul 2017 21:38

Instrument :
 BNA_F
 ClientSampled :
 F-7-11RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	150.1	76.6	115.0#
141	146.4	31.4	47.2#

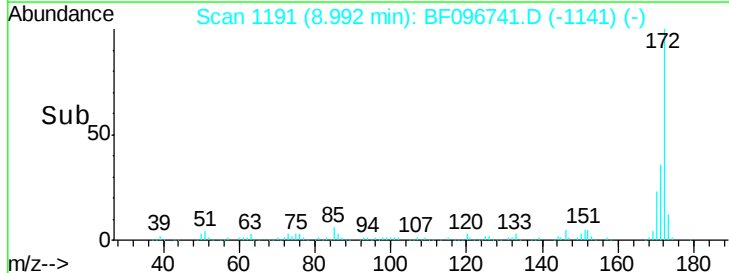
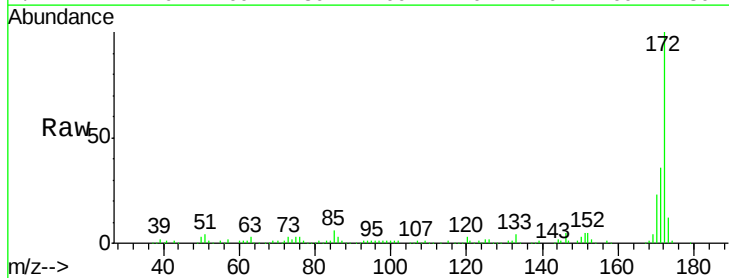
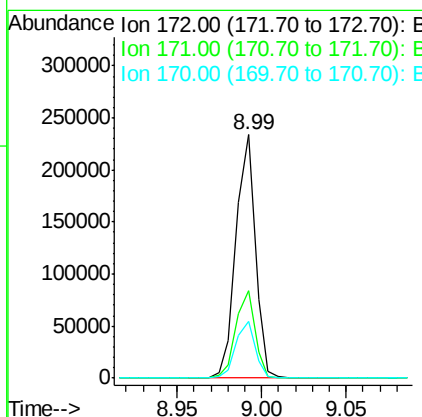
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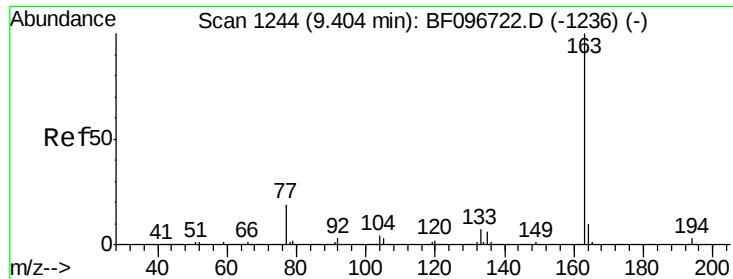
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#44
 2-Fluorobiphenyl
 Concen: 17.505 ng
 RT: 8.99 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096741.D
 Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.3	19.8	29.8





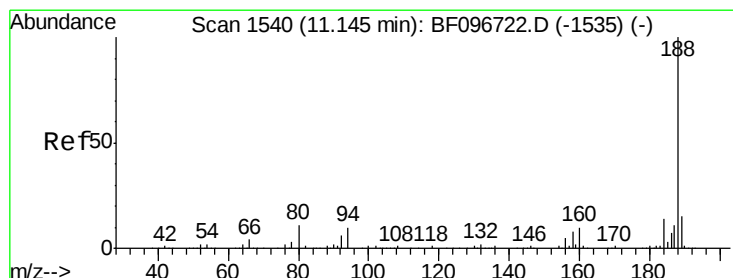
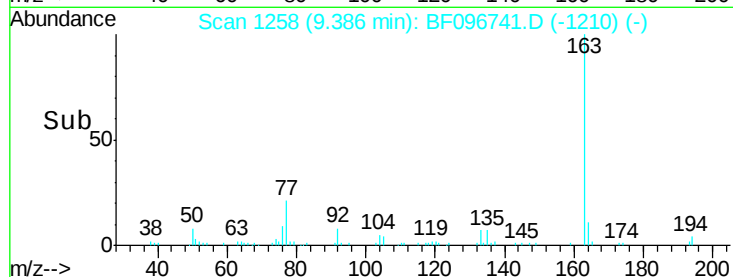
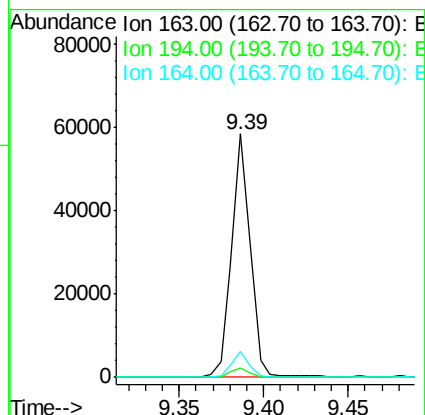
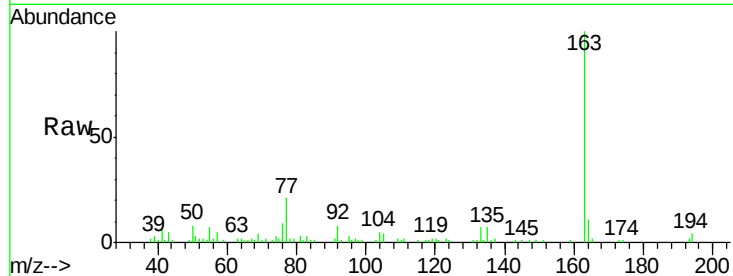
#49
Dimethylphthalate
Concen: 3.517 ng
RT: 9.39 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BF096741.D
Acq: 13 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	44719		
194	3.9	2.6	4.0	
164	10.7	8.4	12.6	

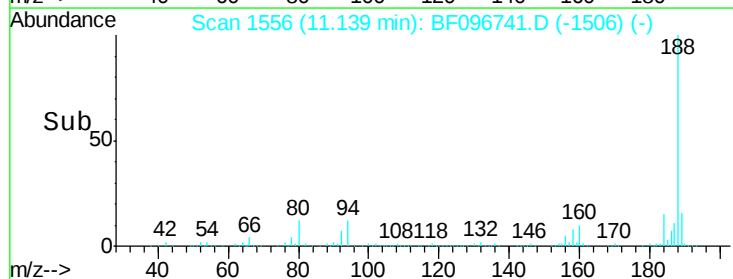
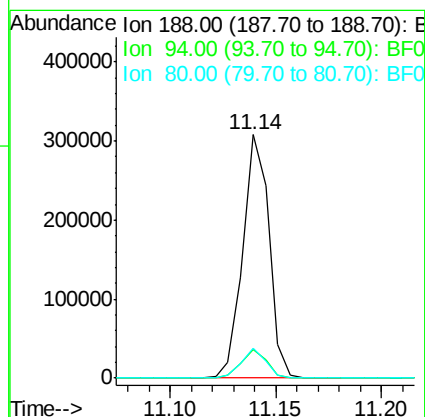
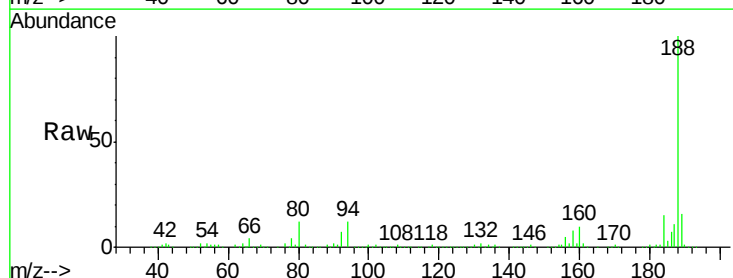
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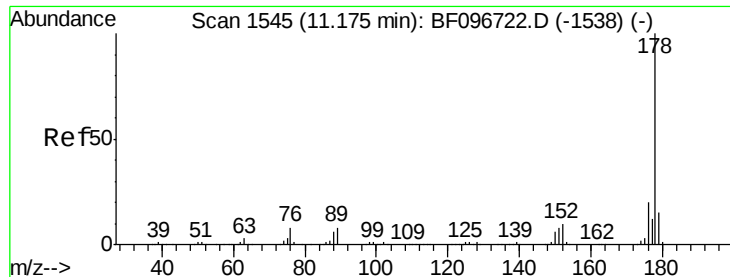
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.14 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096741.D
Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	264636		
94	11.8	9.4	14.2	
80	12.0	10.2	15.2	





#70

Phenanthrene

Concen: 5.002 ng

RT: 11.16 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF096741.D

Acq: 13 Jul 2017 21:38

Instrument :

BNA_F

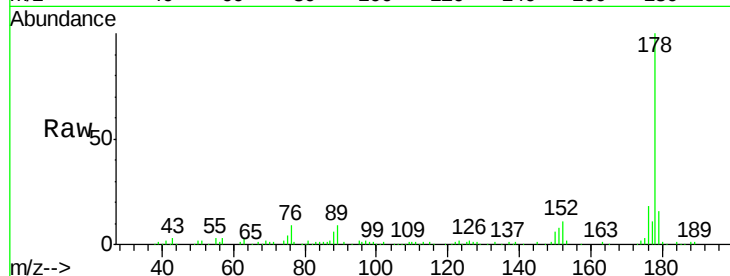
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	16.1	12.6	19.0

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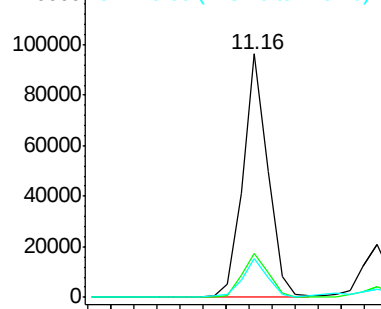
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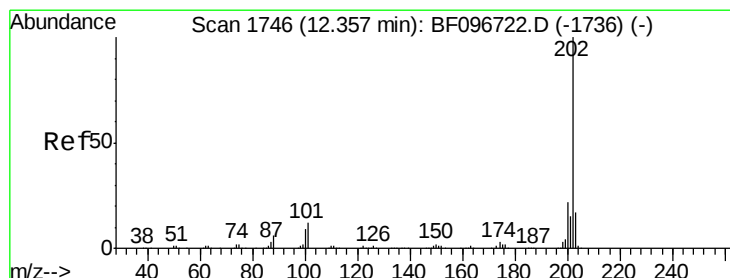
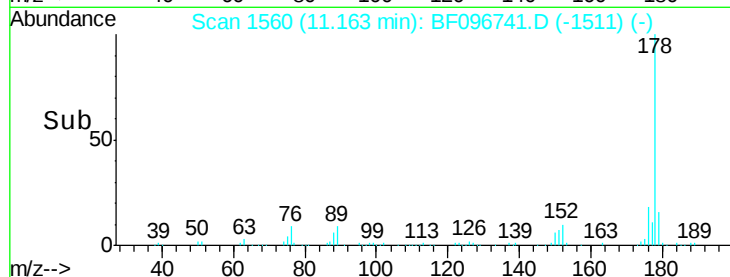
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 4.942 ng

RT: 12.34 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF096741.D

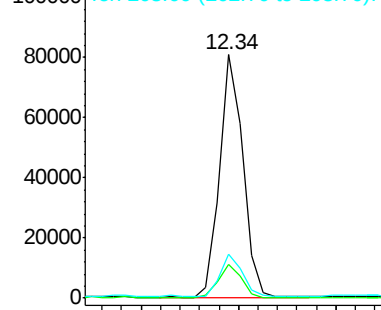
Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.2
203	18.3	0.0	38.1

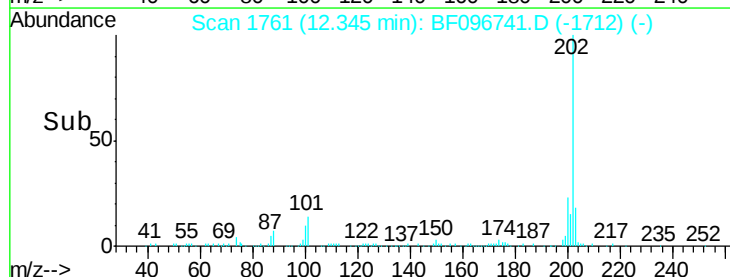
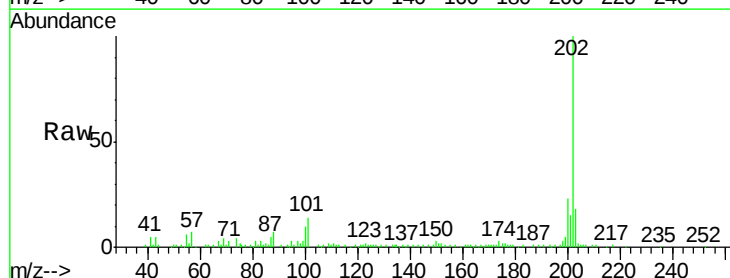
Abundance Ion 202.00 (201.70 to 202.70): E

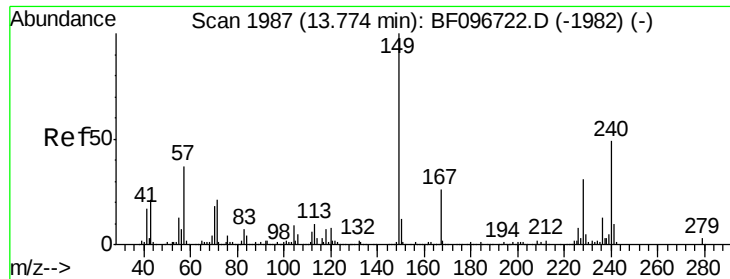
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096741.D

Acq: 13 Jul 2017 21:38

Instrument :

BNA_F

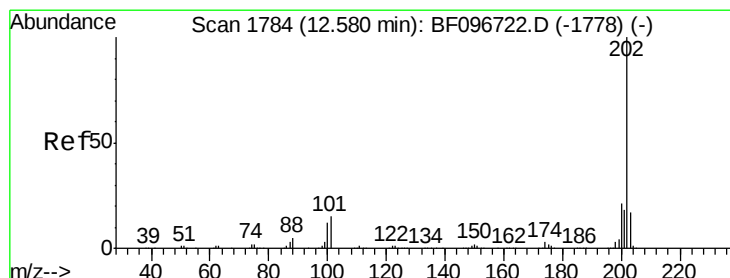
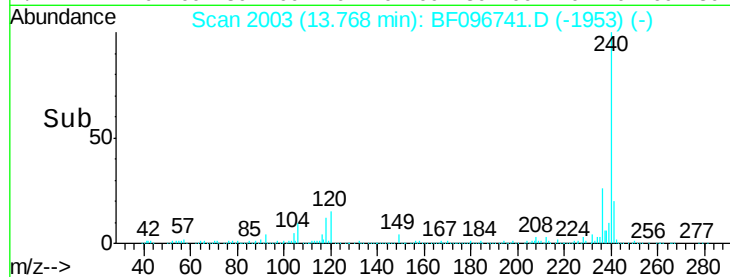
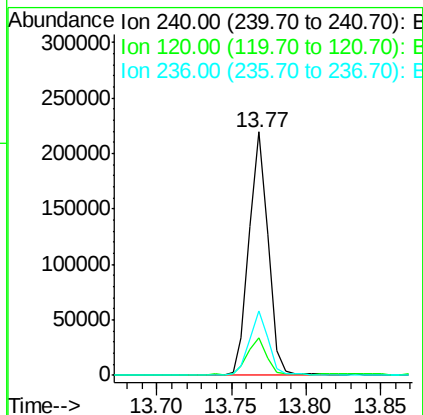
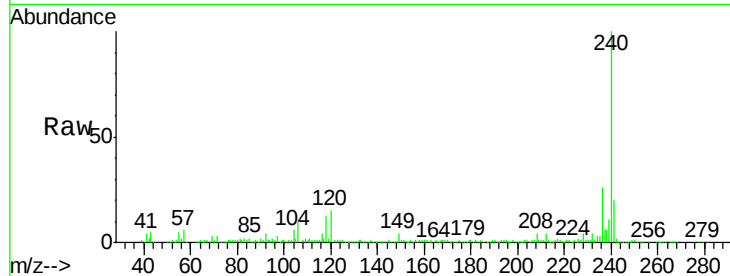
ClientSampled :

F-7-11RE

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	195204		
120	15.3	5.8	8.8#	
236	26.2	20.5	30.7	

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#77

Pyrene

Concen: 3.165 ng

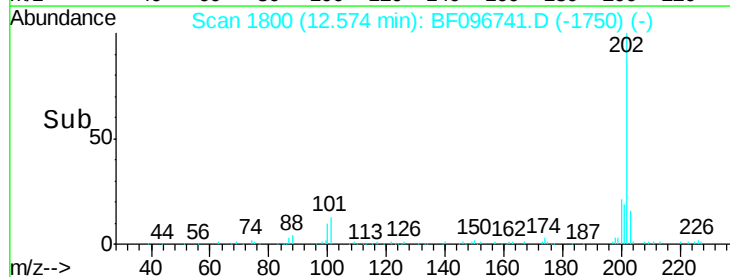
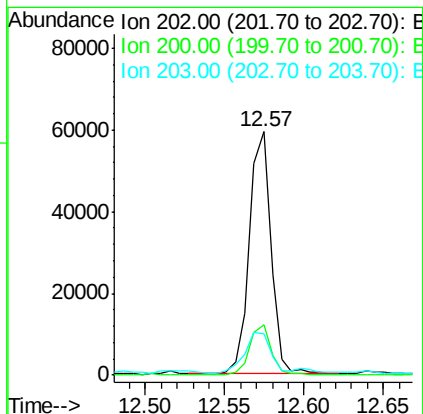
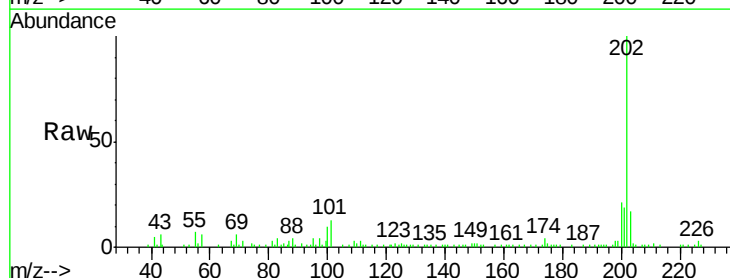
RT: 12.57 min Scan# 1800

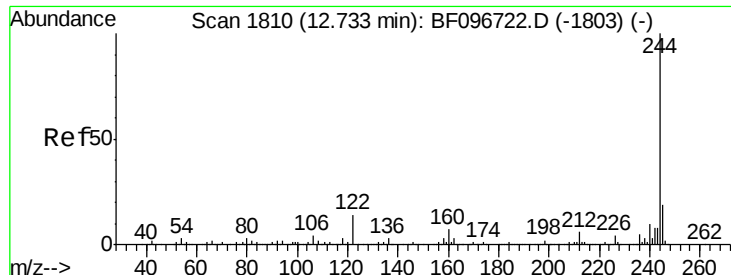
Delta R.T. -0.01 min

Lab File: BF096741.D

Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	56070		
200	20.8	17.6	26.4	
203	17.2	14.4	21.6	





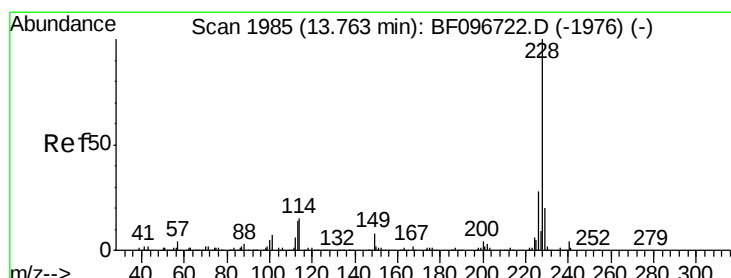
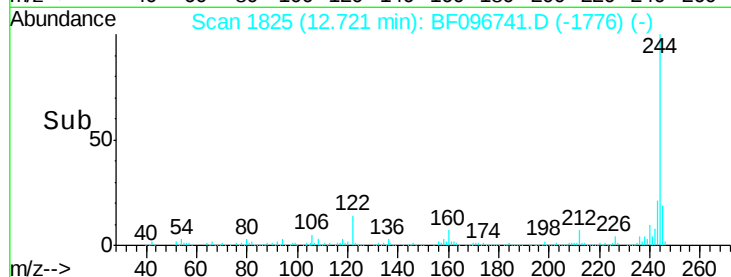
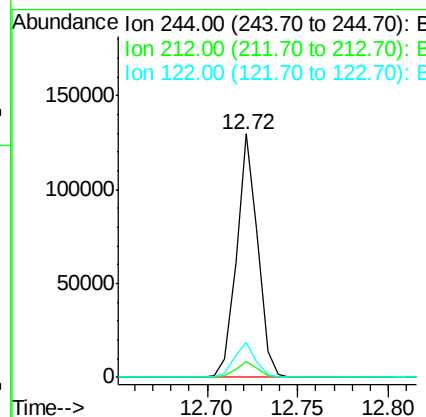
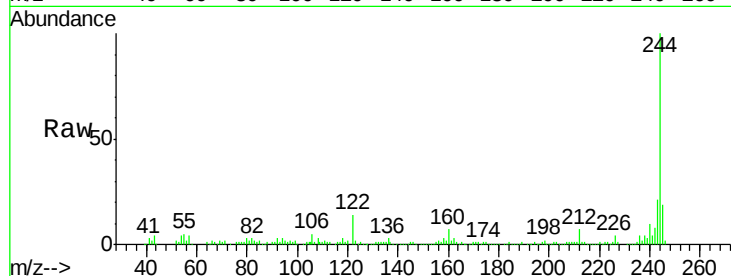
#78
 Terphenyl-d14
 Concen: 9.336 ng
 RT: 12.72 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF096741.D
 Acq: 13 Jul 2017 21:38

Instrument :
 BNA_F
 ClientSampleId :
 F-7-11RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.2	10.3	15.5

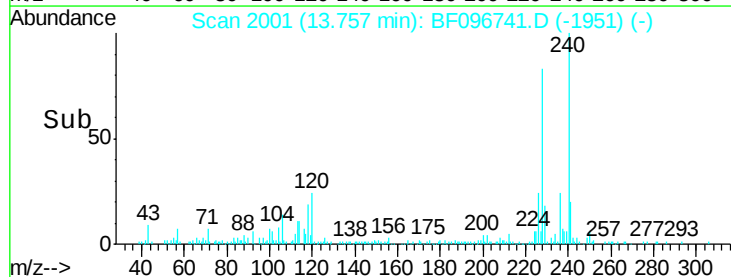
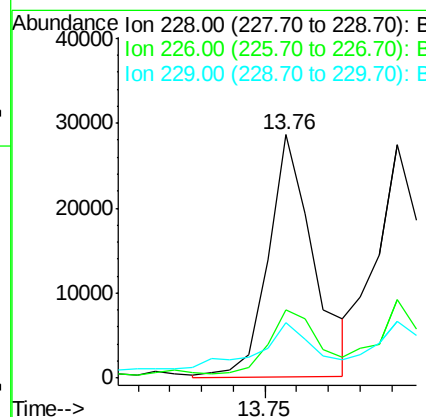
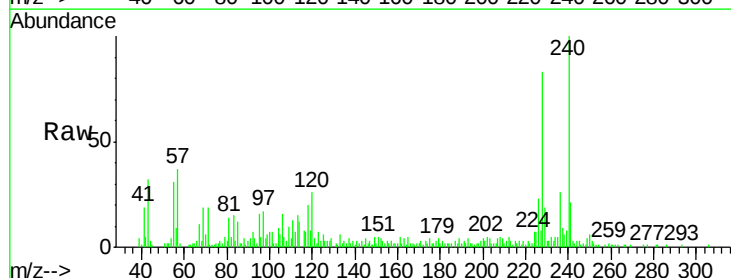
Manual Integrations
 APPROVED

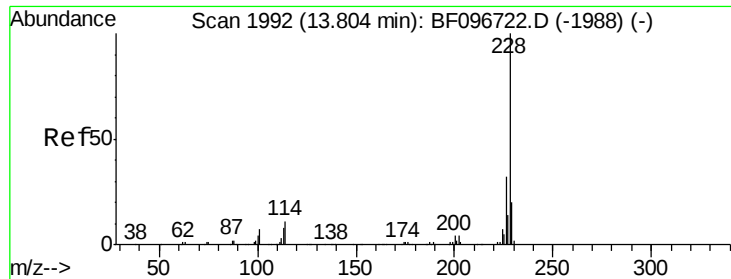
mohammad
 7/17/2017 8:11:46 AM



#80
 Benzo(a)anthracene
 Concen: 2.328 ng
 RT: 13.76 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096741.D
 Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	22.9	16.3	24.5





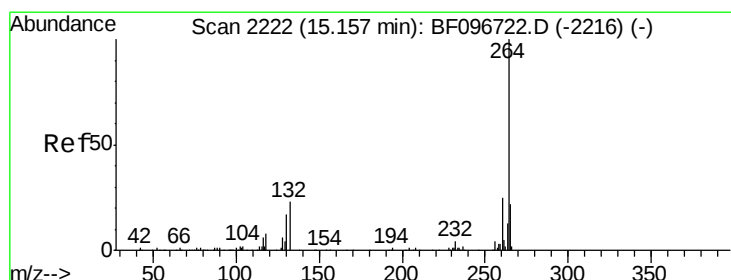
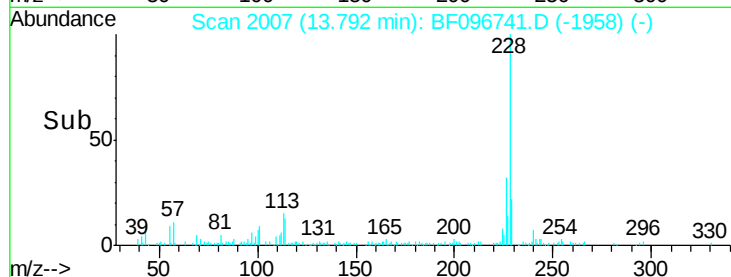
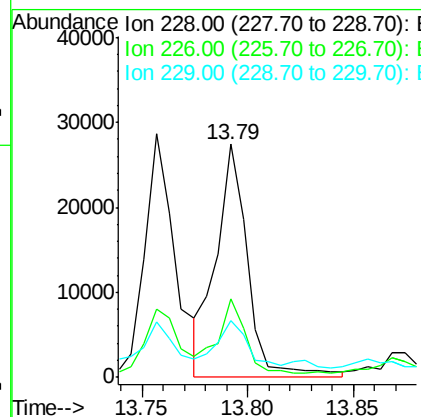
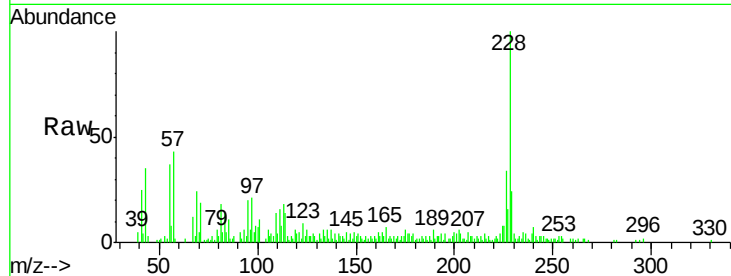
#82
Chrysene
Concen: 2.418 ng m
RT: 13.79 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096741.D
Acq: 13 Jul 2017 21:38

Instrument :
BNA_F
ClientSampleId :
F-7-11RE

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	28952		
226	33.9	24.9	37.3	
229	24.3	15.8	23.6	

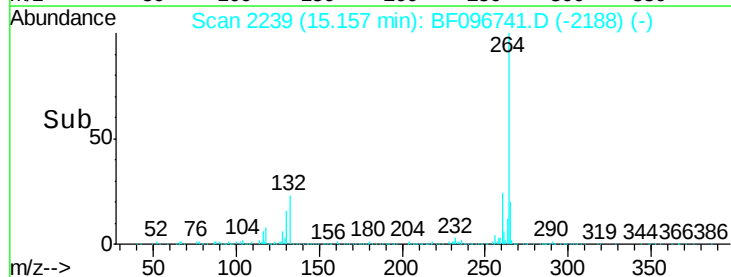
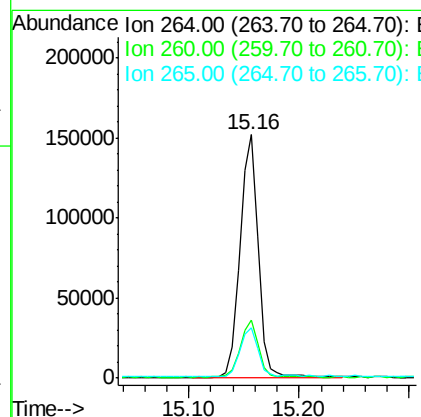
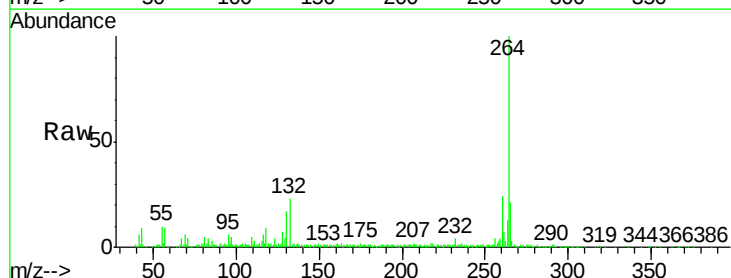
Manual Integrations
APPROVED

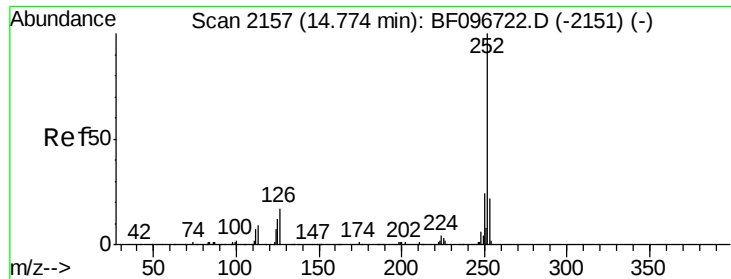
mohammad
7/17/2017 8:11:46 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF096741.D
Acq: 13 Jul 2017 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	179453		
260	24.0	19.5	29.3	
265	20.9	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 2.731 ng m

RT: 14.77 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF096741.D

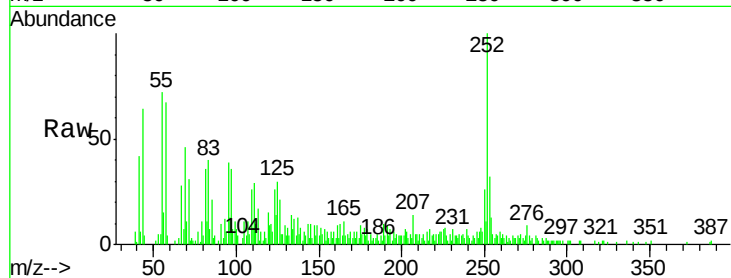
Acq: 13 Jul 2017 21:38

Instrument :

BNA_F

ClientSampleId :

F-7-11RE



Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.6	18.1	27.1#
125	29.9	9.8	14.8#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:11:46 AM

