

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
 Data File : BF096388.D
 Acq On : 1 Jul 2017 19:36
 Operator : SJ/MA
 Sample : I3908-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-61-0-1.5

Manual Integrations
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 7/3/2017 4:02:53 PM

Quant Time: Jul 03 02:38:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153697	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	627147	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	222803	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	315318	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	291707	20.00	ng	-0.01
86) Perylene-d12	15.28	264	263091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	929306	89.24	ng	0.00
7) Phenol-d6	6.37	99	1140240	89.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	691003	66.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	148883	85.55	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1011553	77.63	ng	0.00
78) Terphenyl-d14	12.83	244	593793	43.50	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	278110	16.721	ng	99
70) Phenanthrene	11.26	178	43814	2.570	ng	98
74) Fluoranthene	12.45	202	63059	3.773	ng	99
77) Pyrene	12.67	202	58209	2.486	ng	99
80) Benzo(a)anthracene	13.86	228	36631	2.168	ng	91
82) Chrysene	13.89	228	42701	2.414	ng	# 95
87) Benzo(b)fluoranthene	14.88	252	53793m	3.263	ng	

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

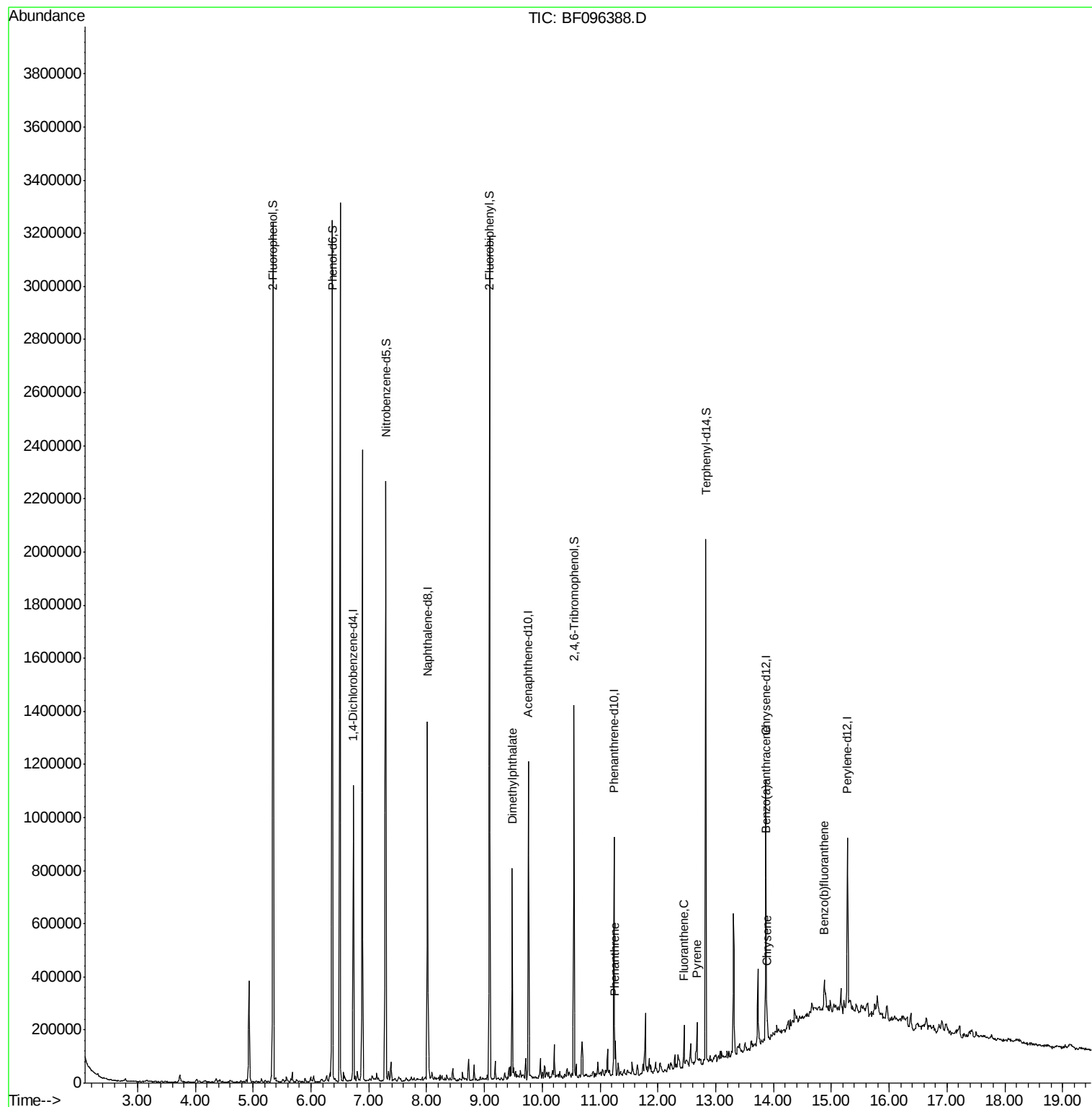
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
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ALS Vial : 11 Sample Multiplier: 1

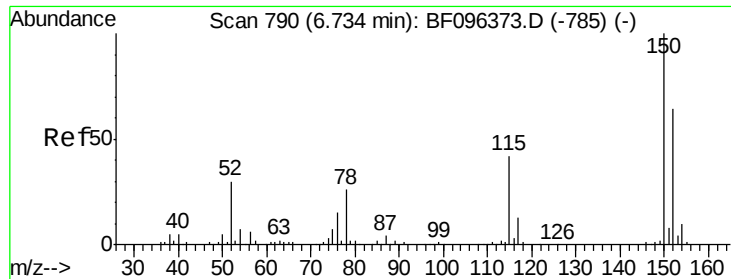
Instrument :
BNA_F
ClientSampleId :
G-61-0-1.5

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Quant Time: Jul 03 02:38:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration





#1

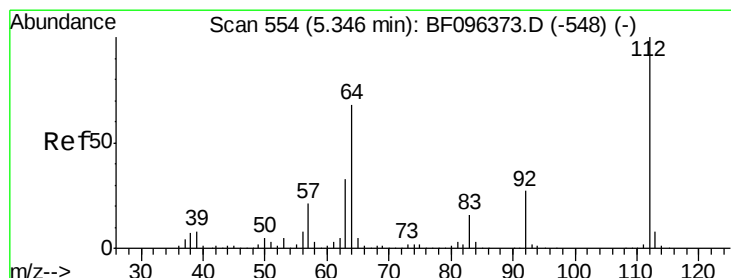
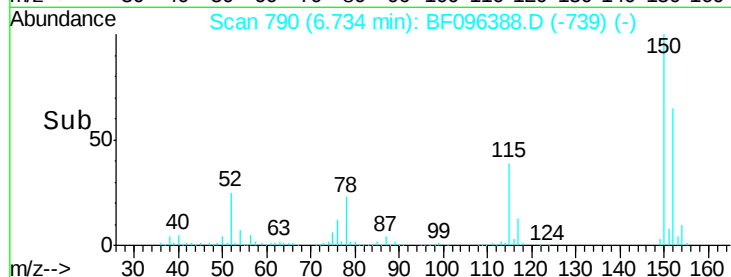
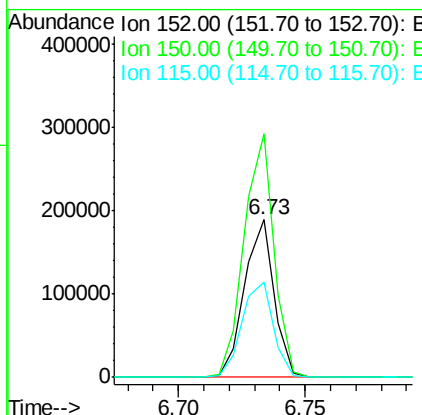
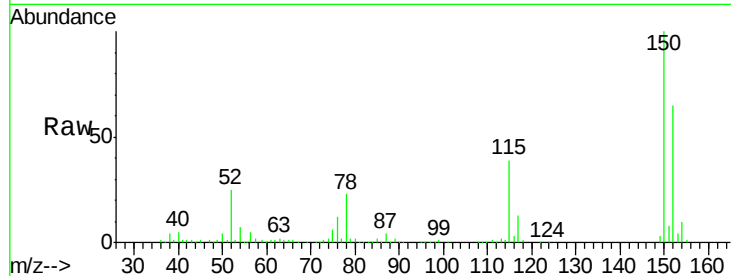
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :
G-61-0-1.5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.2	189.2
115	59.9	52.2	78.2

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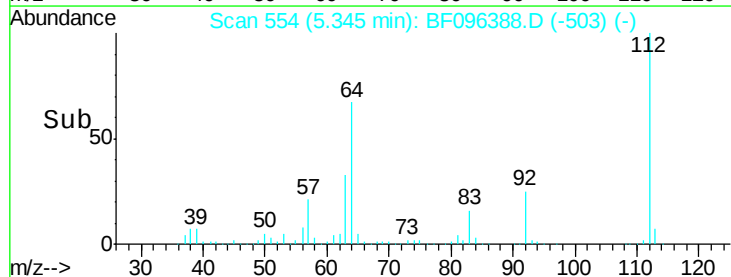
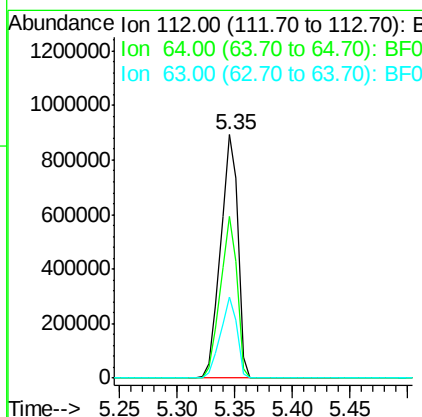
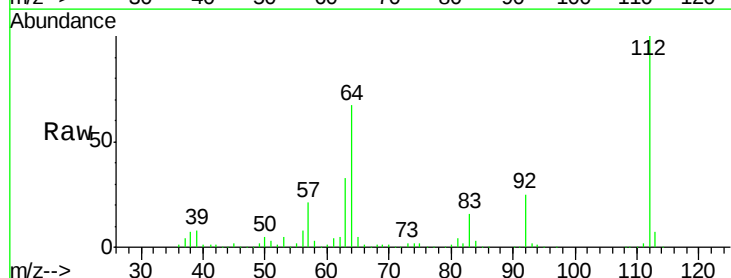
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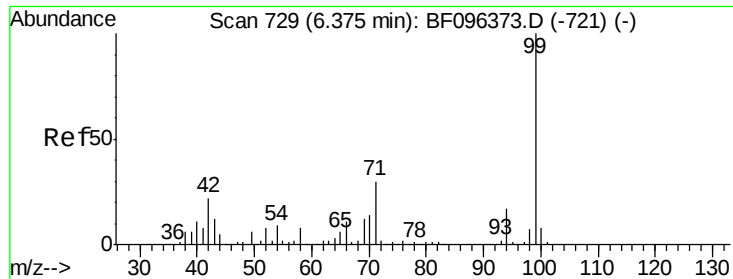


#5

2-Fluorophenol
Concen: 89.242 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.0	69.0
63	33.0	23.4	35.0





#7

Phenol-d6

Concen: 89.069 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096388.D

Acq: 1 Jul 2017 19:36

Instrument :

BNA_F

ClientSampleId :

G-61-0-1.5

Tgt Ion: 99 Resp: 1140240

Ion Ratio Lower Upper

99 100

42 21.8 13.5 20.3#

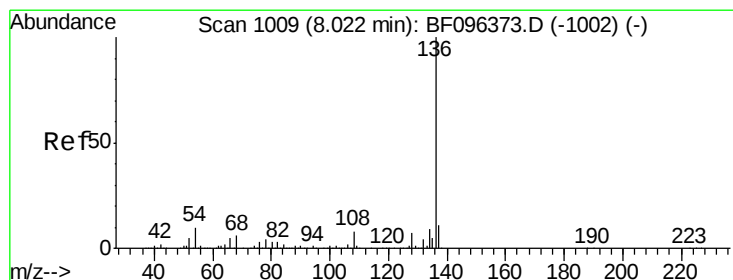
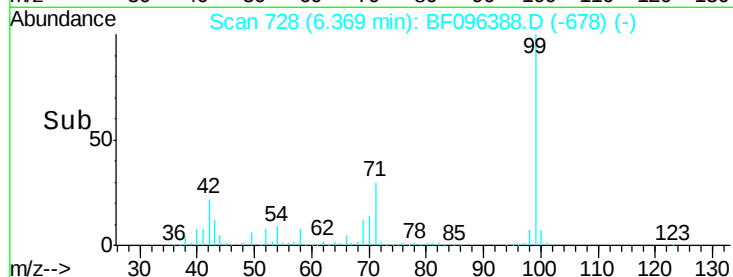
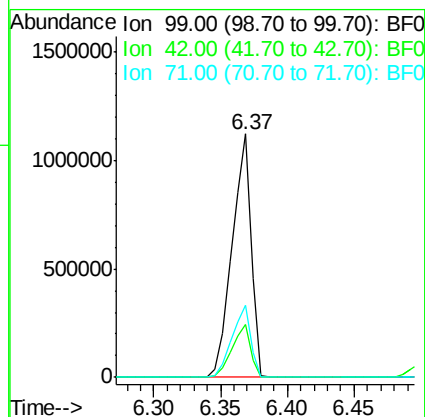
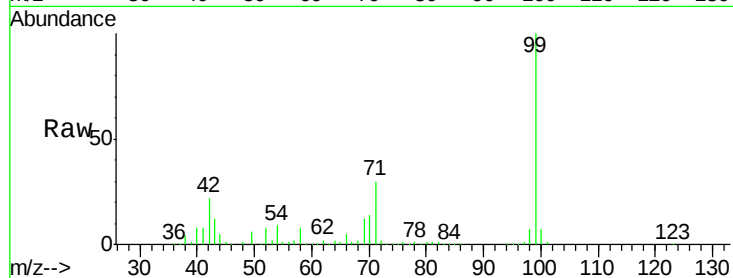
71 29.8 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF096388.D

Acq: 1 Jul 2017 19:36

Tgt Ion: 136 Resp: 627147

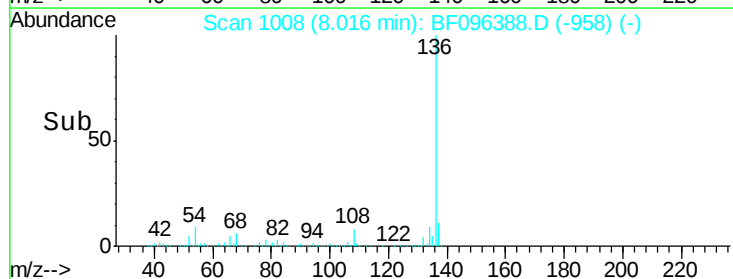
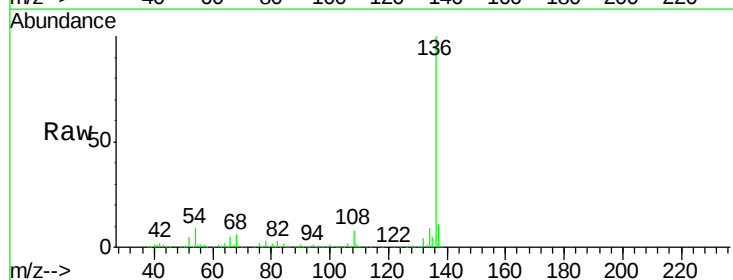
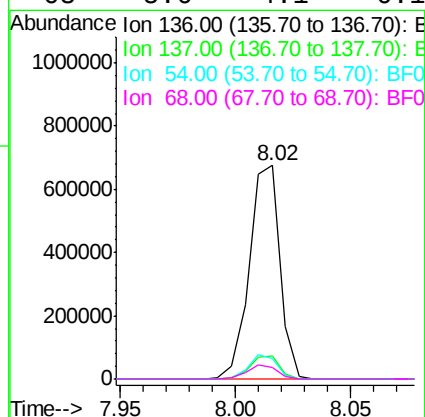
Ion Ratio Lower Upper

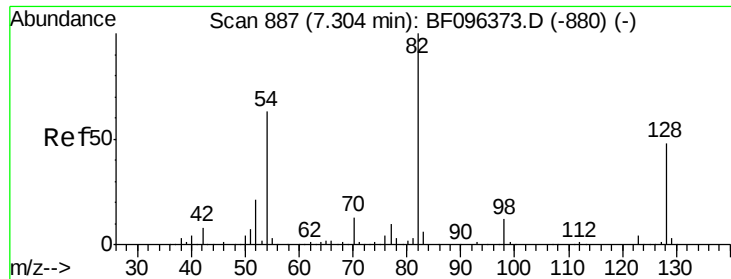
136 100

137 10.6 8.5 12.7

54 9.4 4.9 7.3#

68 5.6 4.1 6.1





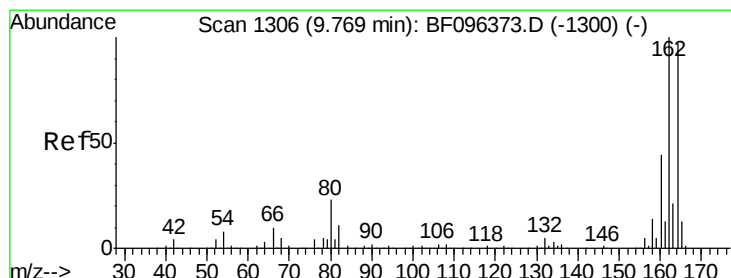
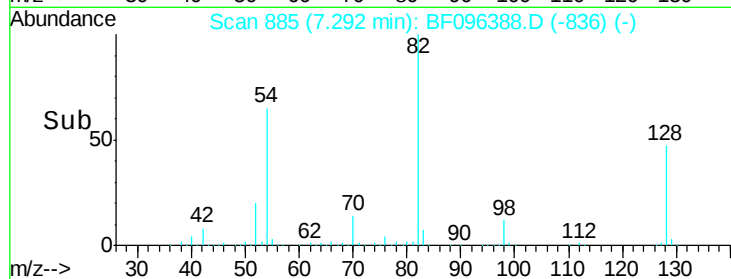
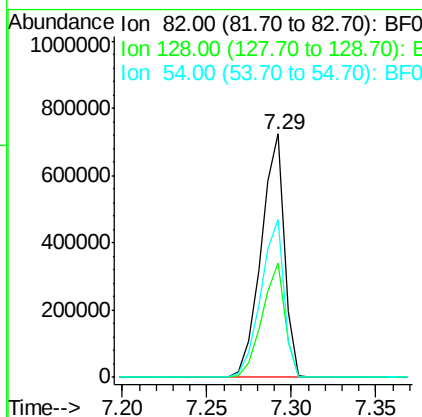
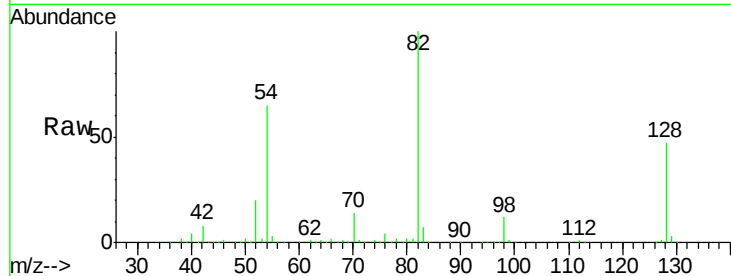
#23
 Nitrobenzene-d5
 Concen: 66.209 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096388.D
 Acq: 1 Jul 2017 19:36

Instrument :
 BNA_F
 ClientSampled :
 G-61-0-1.5

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	64.8	42.2	63.2

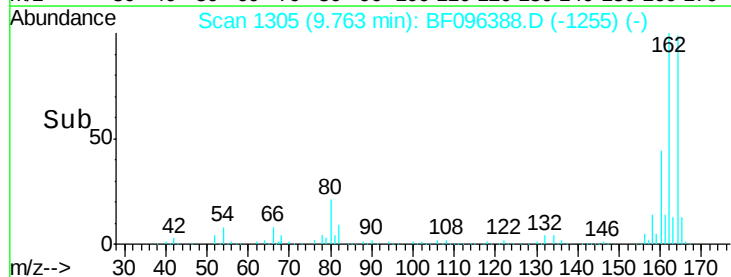
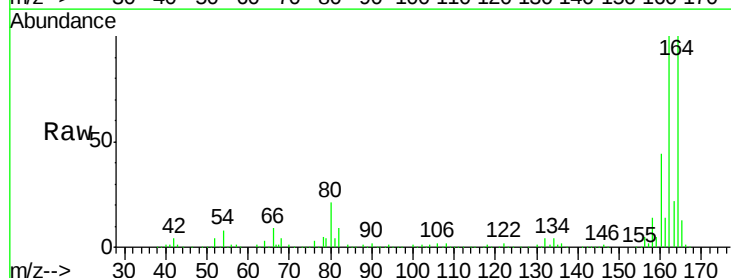
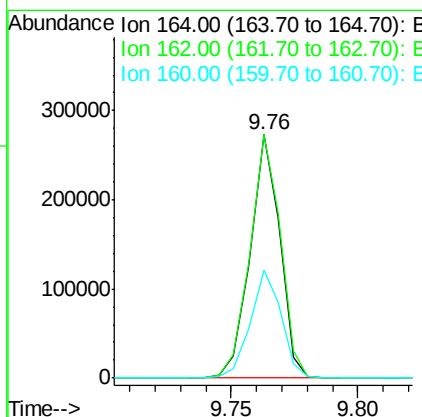
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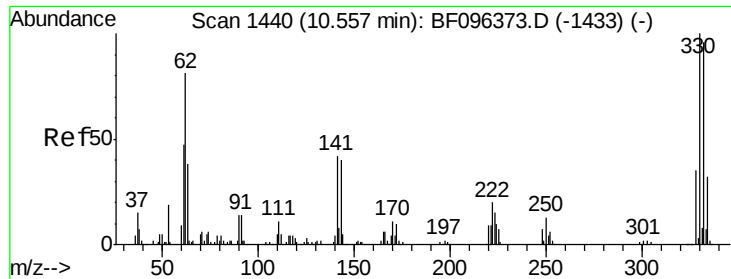
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF096388.D
 Acq: 1 Jul 2017 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	44.4	36.2	54.2





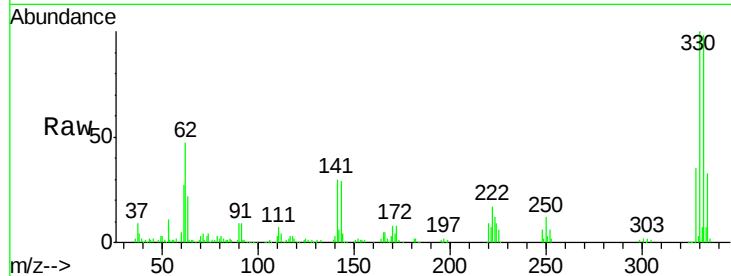
#41
 2,4,6-Tribromophenol
 Concen: 85.547 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096388.D
 Acq: 1 Jul 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 G-61-0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	148883		
332	97.5	76.6	115.0	
141	41.2	31.4	47.2	

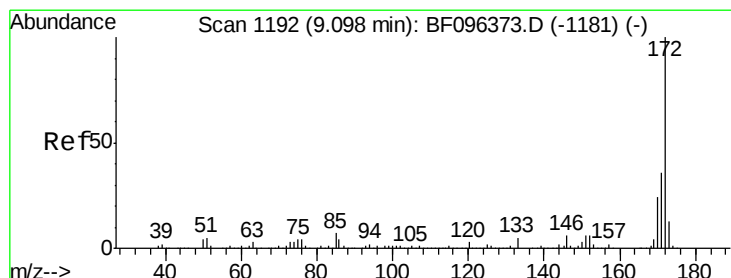
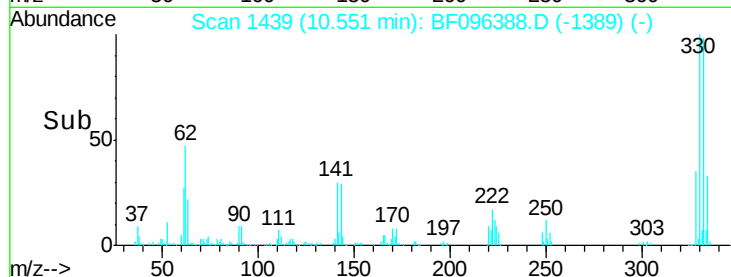
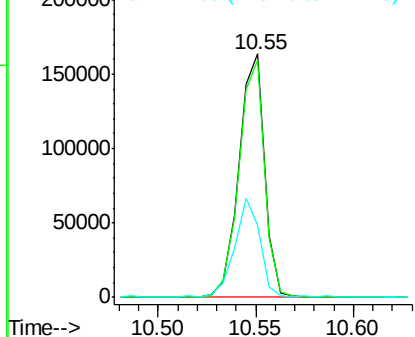
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Abundance

Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

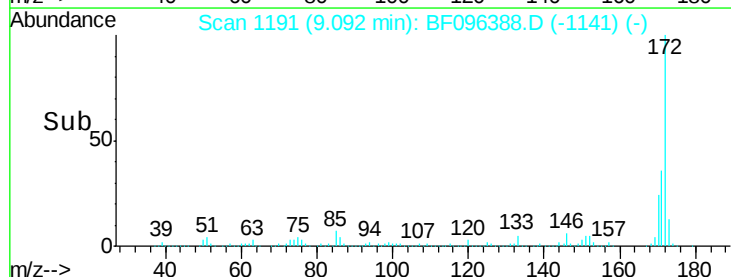
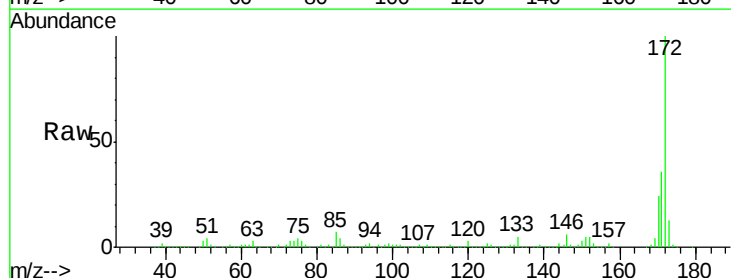
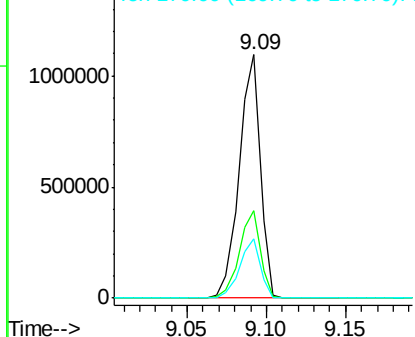


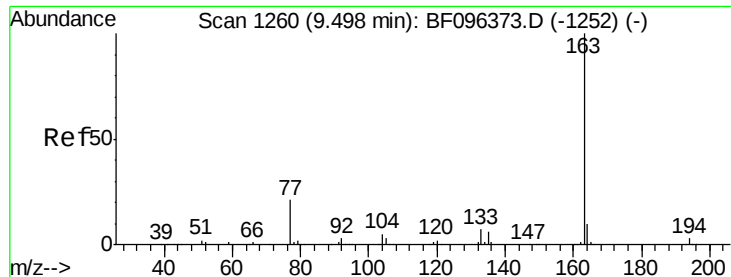
#44
 2-Fluorobiphenyl
 Concen: 77.626 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096388.D
 Acq: 1 Jul 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1011553		
171	35.8	29.6	44.4	
170	24.1	19.8	29.8	

Abundance

Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





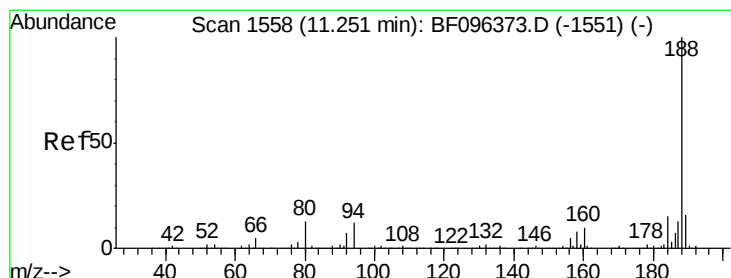
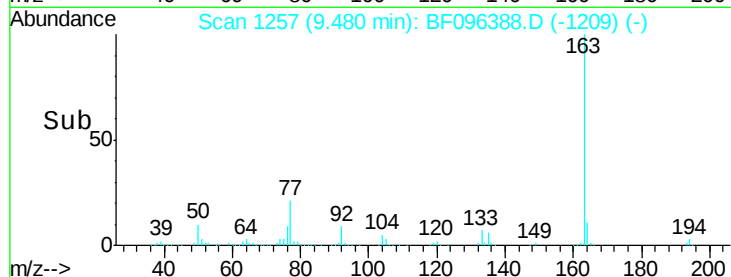
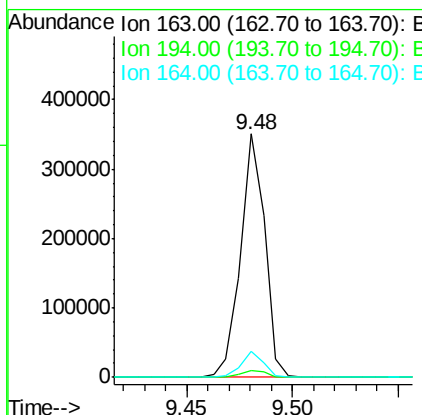
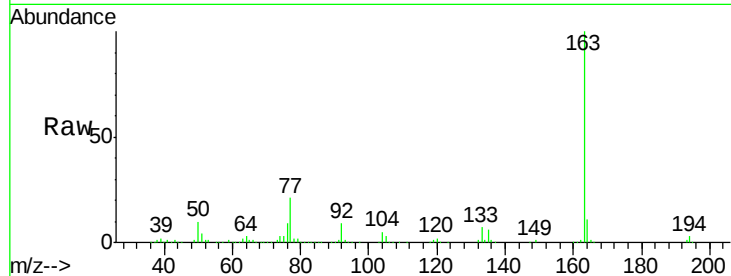
#49
Dimethylphthalate
Concen: 16.721 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :
G-61-0-1.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.6	4.0
164	10.7	8.4	12.6

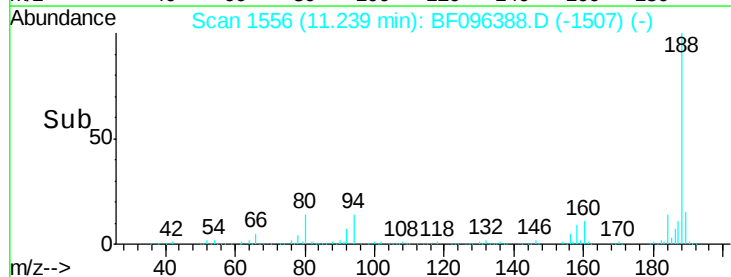
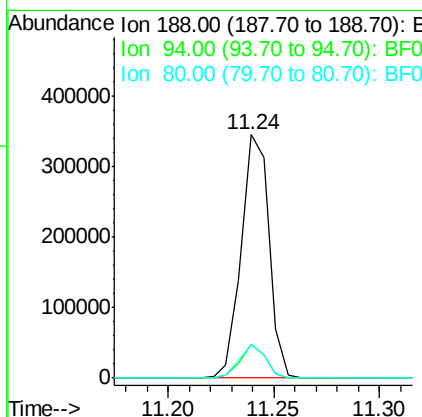
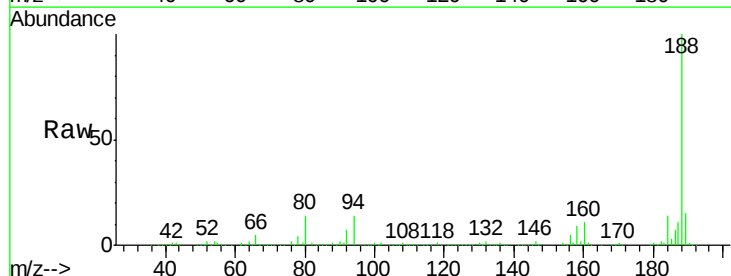
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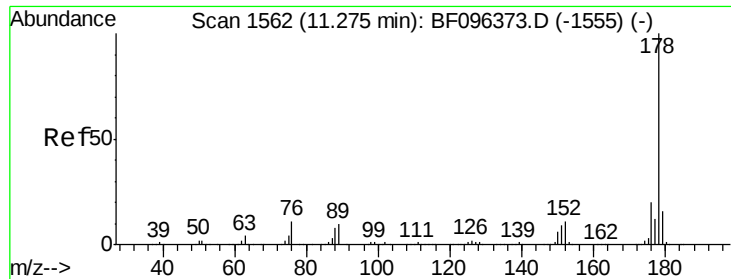
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.6	9.4	14.2
80	13.7	10.2	15.2





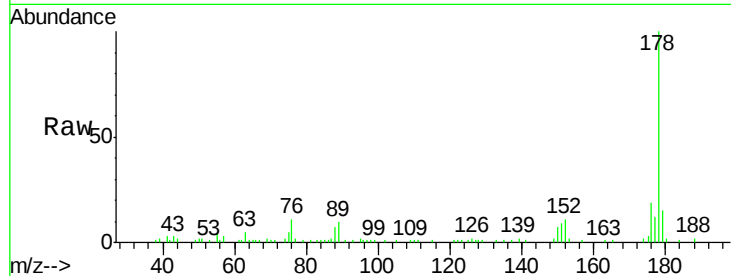
#70
Phenanthrene
Concen: 2.570 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Instrument :
BNA_F
ClientSampleId :
G-61-0-1.5

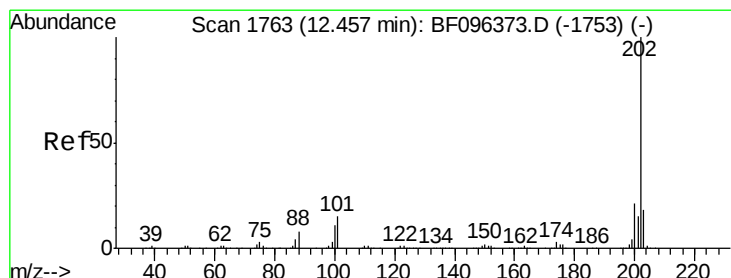
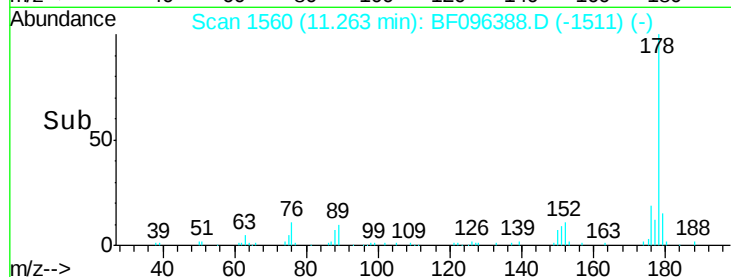
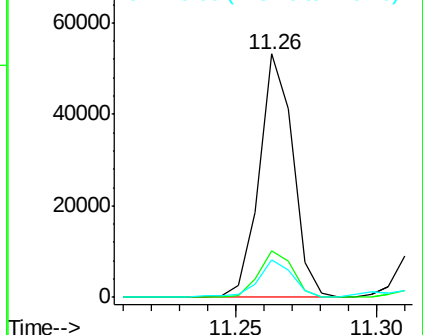
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.2	12.6	19.0

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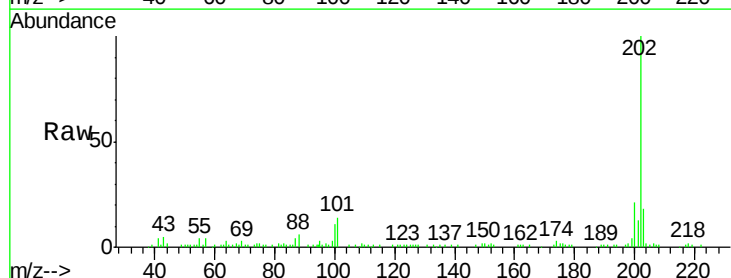


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

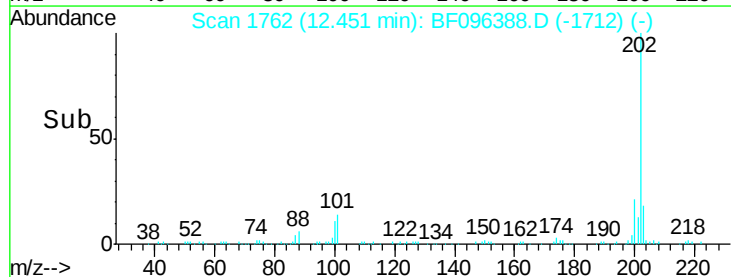
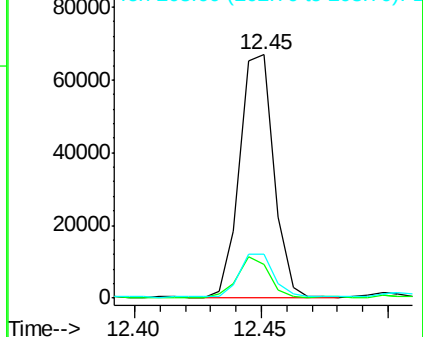


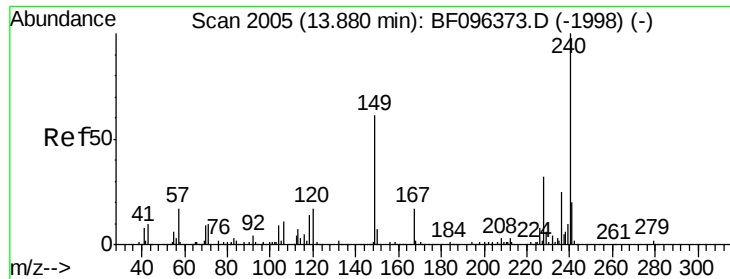
#74
Fluoranthene
Concen: 3.773 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF096388.D
Acq: 1 Jul 2017 19:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.1	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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096388.D

Acq: 1 Jul 2017 19:36

Instrument :

BNA_F

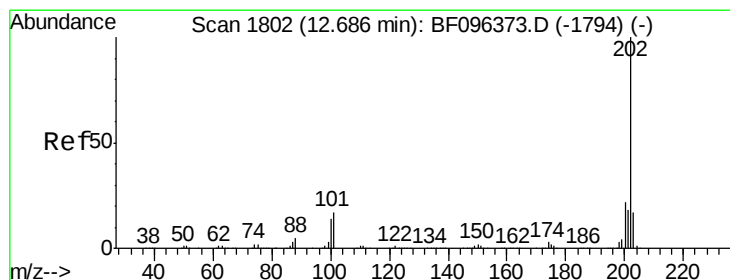
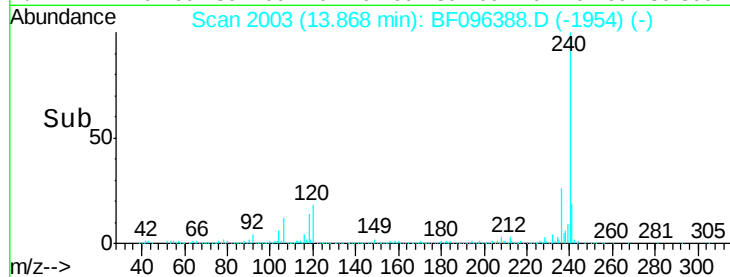
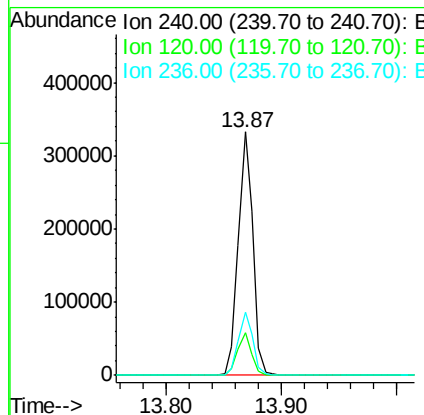
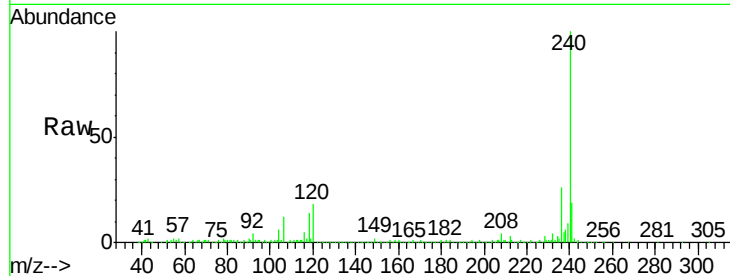
ClientSampleId :

G-61-0-1.5

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.8	5.8	8.8#
236	25.7	20.5	30.7

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#77

Pyrene

Concen: 2.486 ng

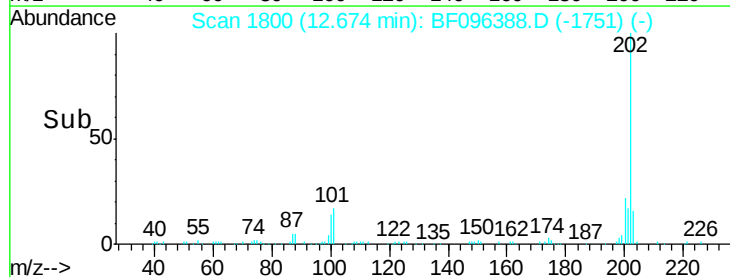
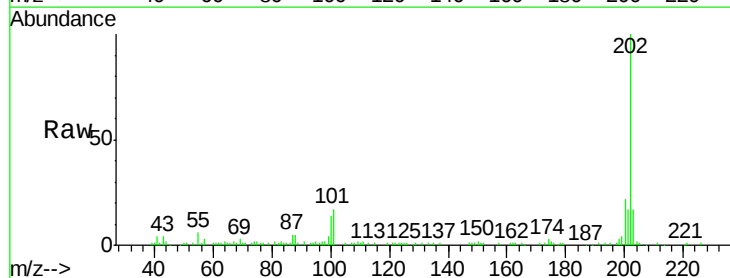
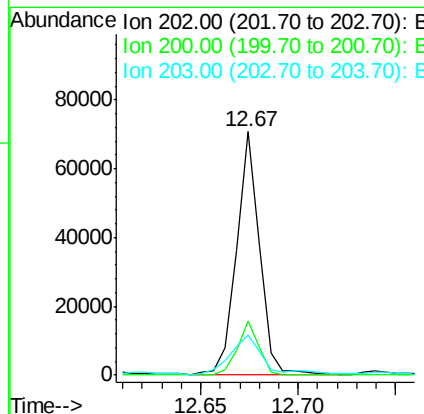
RT: 12.67 min Scan# 1800

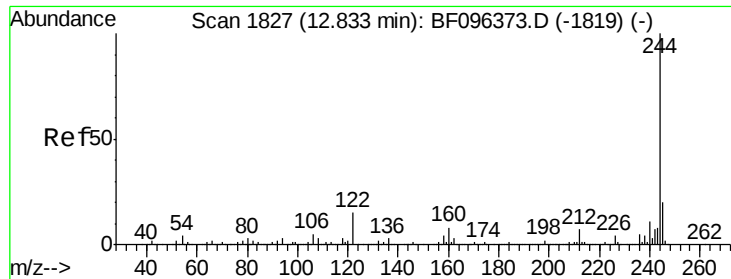
Delta R.T. -0.01 min

Lab File: BF096388.D

Acq: 1 Jul 2017 19:36

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	16.7	14.4	21.6





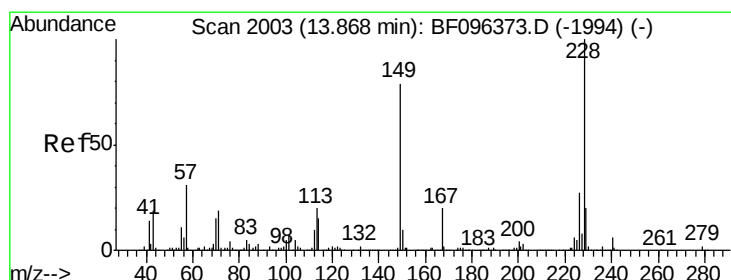
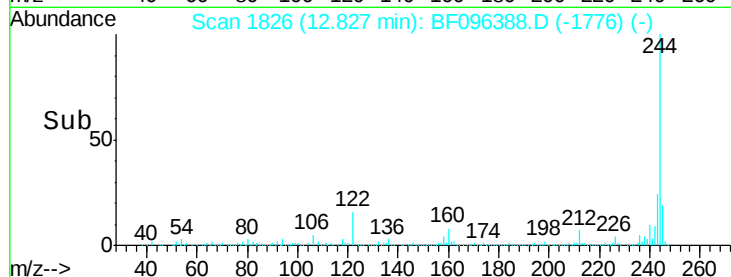
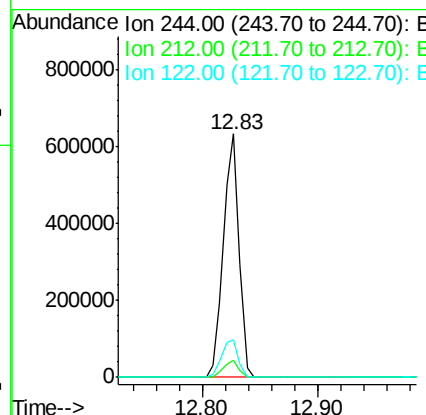
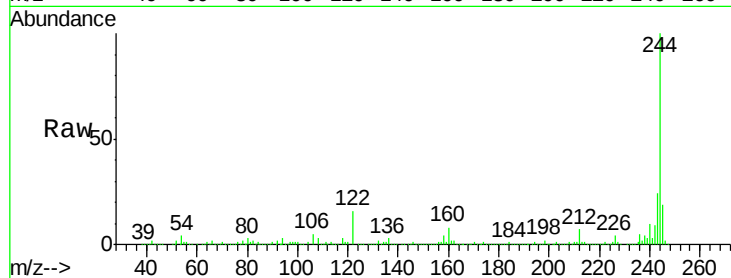
#78
 Terphenyl-d14
 Concen: 43.497 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF096388.D
 Acq: 1 Jul 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 G-61-0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	593793		
212	6.9	6.0	9.0	
122	15.6	10.3	15.5#	

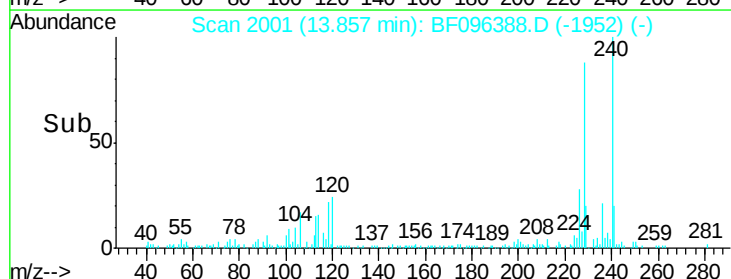
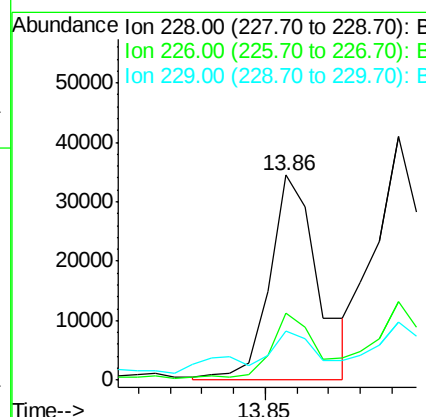
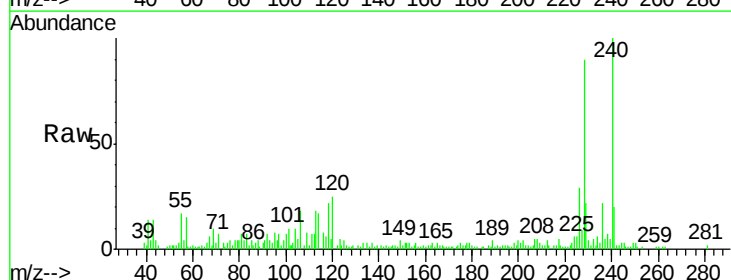
Manual Integrations
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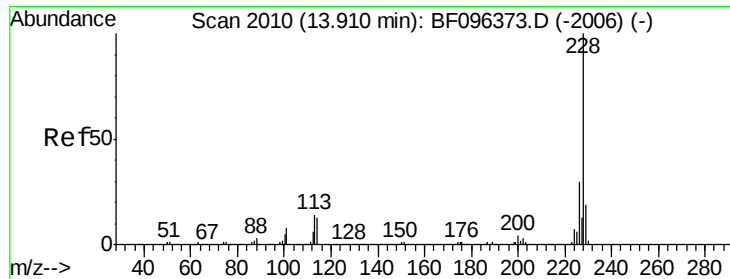
mohammad
 7/3/2017 4:02:53 PM



#80
 Benzo(a)anthracene
 Concen: 2.168 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096388.D
 Acq: 1 Jul 2017 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	36631		
226	32.9	22.6	33.8	
229	24.2	16.3	24.5	





#82

Chrysene

Concen: 2.414 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF096388.D

Acq: 1 Jul 2017 19:36

Instrument :

BNA_F

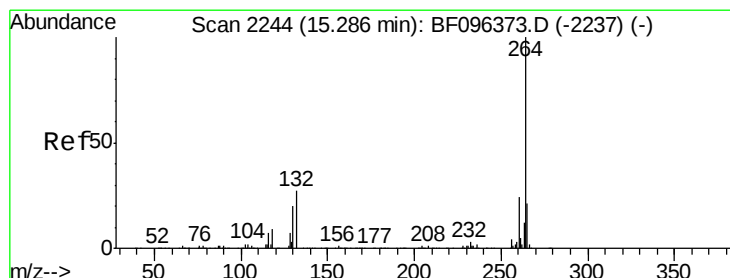
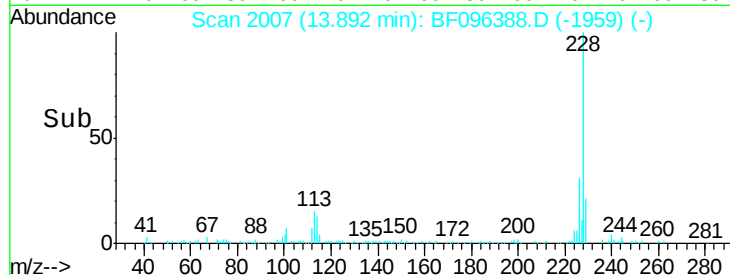
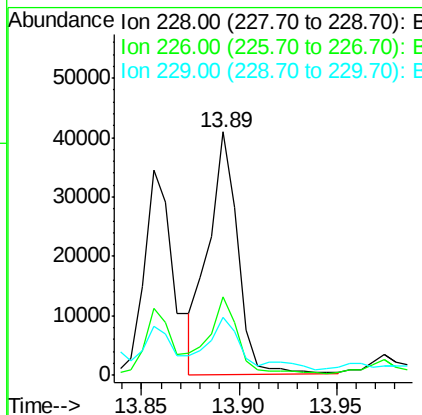
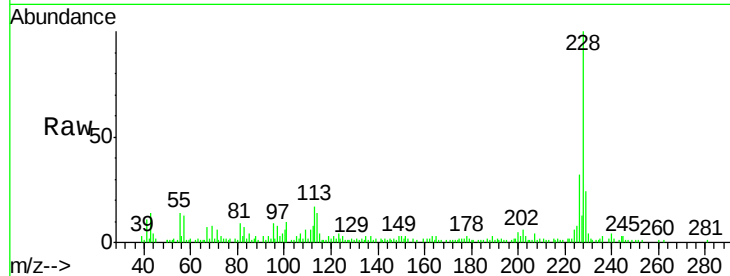
ClientSampled :

G-61-0-1.5

Tgt Ion:	228	Resp:	42701
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.9	37.3
229	23.8	15.8	23.6

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#86

Perylene-d12

Concen: 20.000 ng

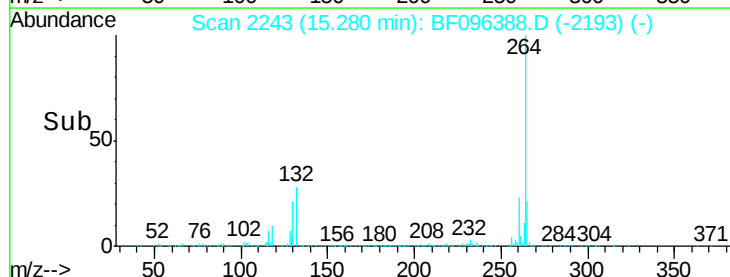
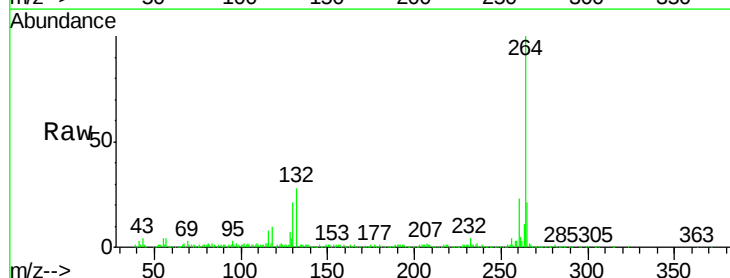
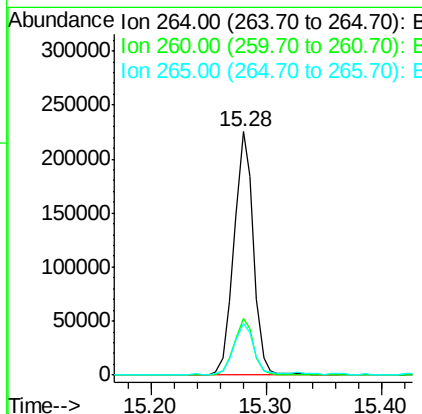
RT: 15.28 min Scan# 2243

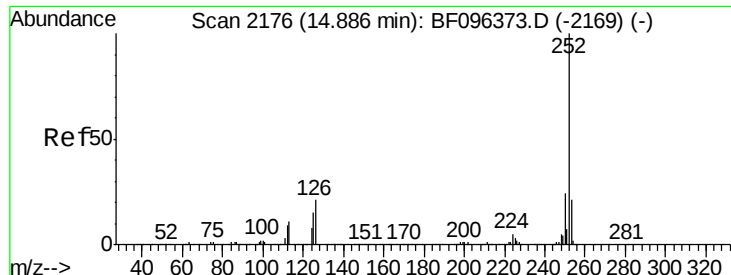
Delta R.T. -0.01 min

Lab File: BF096388.D

Acq: 1 Jul 2017 19:36

Tgt Ion:	264	Resp:	263091
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	21.4	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 3.263 ng m
 RT: 14.88 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BF096388.D
 Acq: 1 Jul 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :
 G-61-0-1.5

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	19.0	9.8	14.8#

Manual Integrations
 APPROVED

mohammad
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