

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096791.D
 Acq On : 15 Jul 2017 00:23
 Operator : SJ/JU
 Sample : I4187-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB1-0-2

Manual Integrations
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 7/17/2017 3:57:22 PM

Quant Time: Jul 15 02:07:32 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	6.62	152	107894	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	453215	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	221022	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	356797	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	218943	20.00	ng	-0.02
86) Perylene-d12	15.14	264	186264	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	628075	87.53	ng	0.00
7) Phenol-d6	6.27	99	747957	86.86	ng	-0.01
23) Nitrobenzene-d5	7.19	82	394142	53.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	147067	77.95	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	805352	57.57	ng	-0.01
78) Terphenyl-d14	12.72	244	527808	41.81	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.37	163	84369	5.070	ng	99
70) Phenanthrene	11.15	178	45277	2.334	ng	98
74) Fluoranthene	12.34	202	73991	3.985	ng	95
77) Pyrene	12.56	202	50876	2.560	ng	99
87) Benzo(b)fluoranthene	14.76	252	27855m	2.480	ng	

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

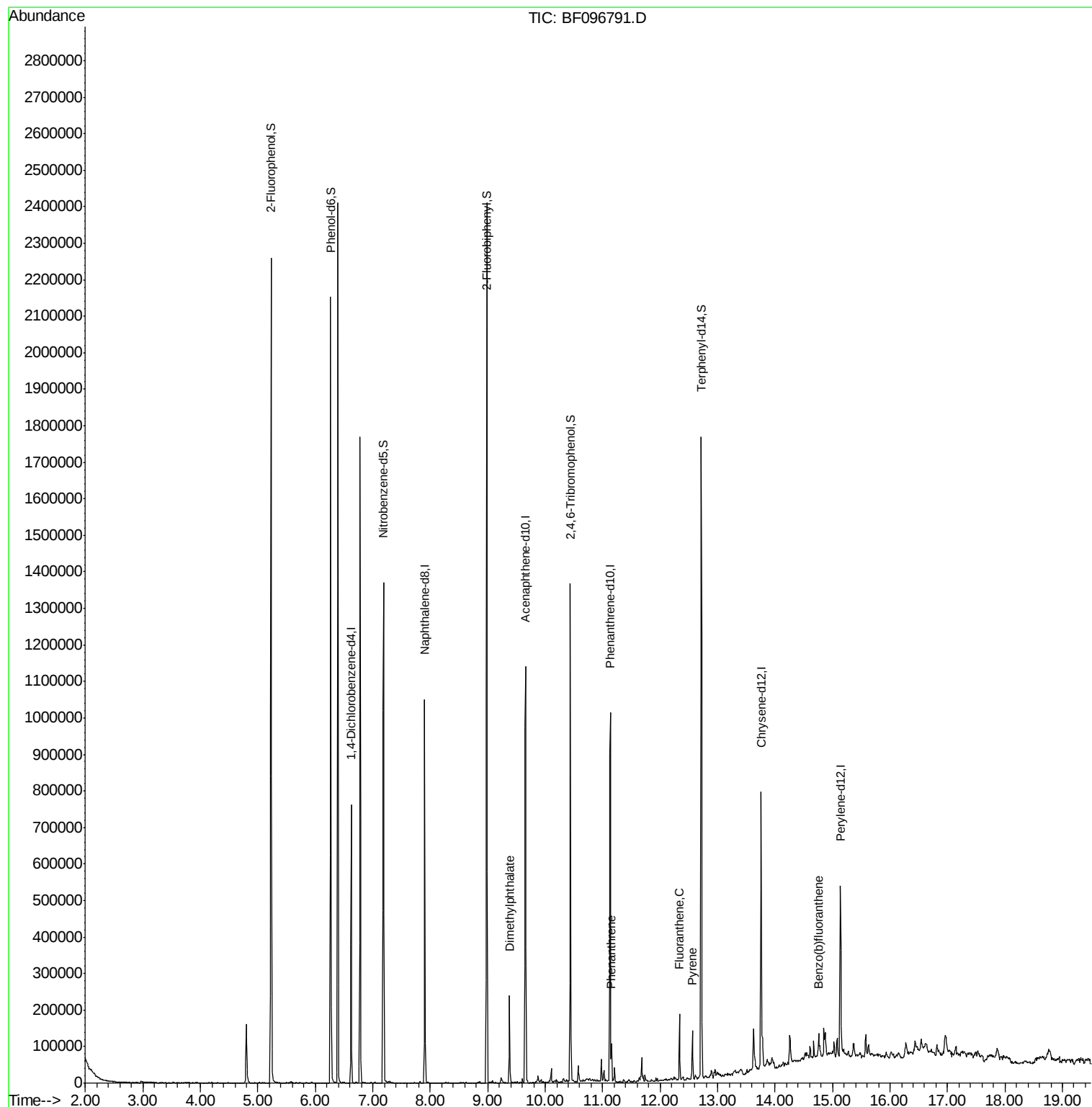
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096791.D
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ALS Vial : 14 Sample Multiplier: 1

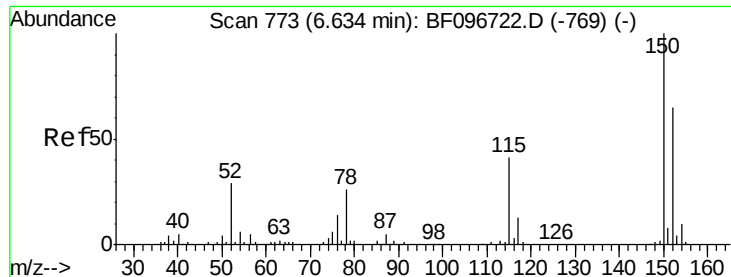
Instrument :
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#1

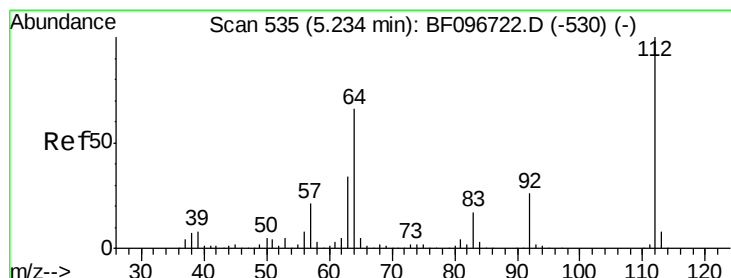
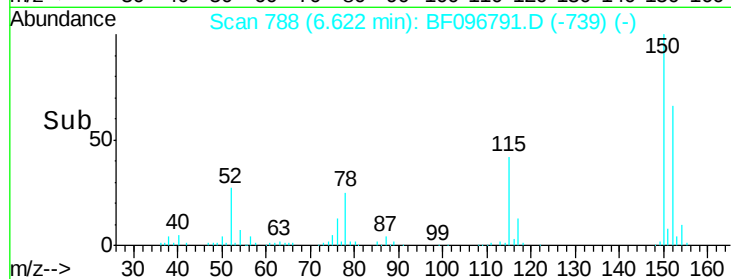
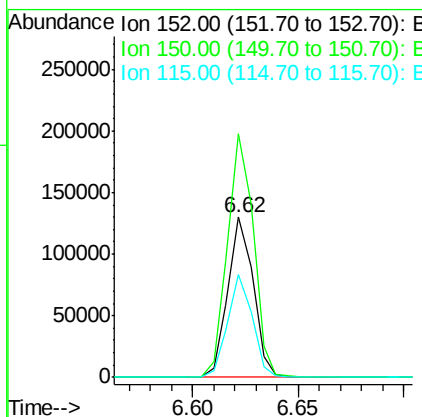
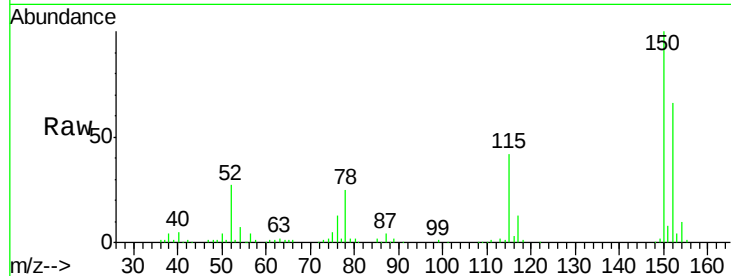
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096791.D
Acq: 15 Jul 2017 00:23

Instrument :
BNA_F
ClientSampleId :
CI-SB1-0-2

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.9	126.2	189.2
115	63.9	52.2	78.2

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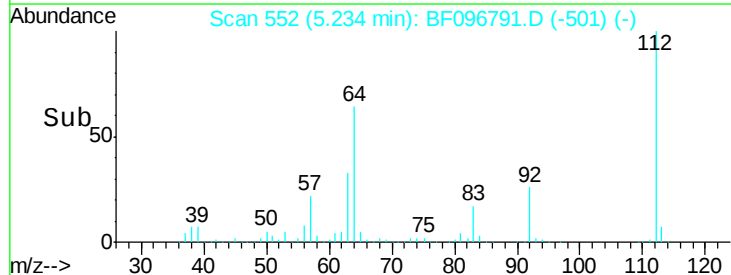
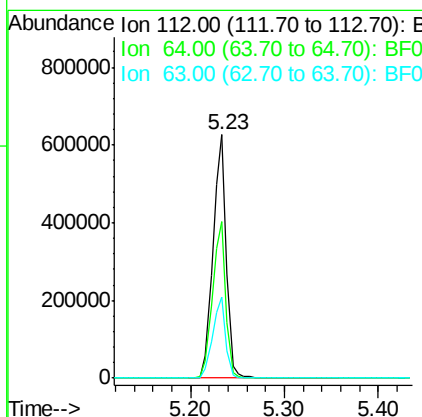
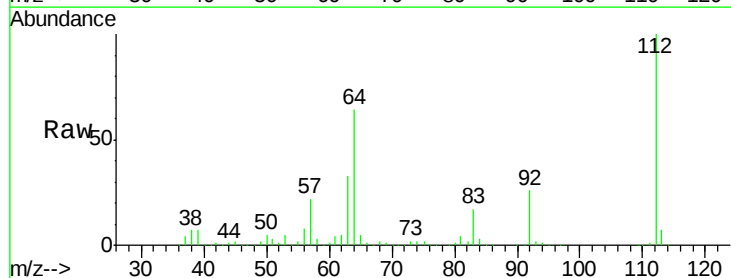
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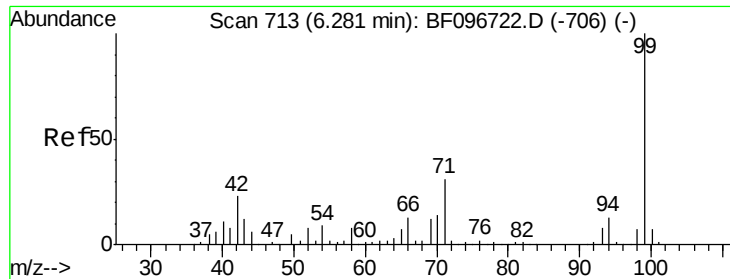


#5

2-Fluorophenol
Concen: 87.527 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096791.D
Acq: 15 Jul 2017 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.0	69.0
63	33.2	23.4	35.0





#7

Phenol-d6

Concen: 86.859 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096791.D

Acq: 15 Jul 2017 00:23

Instrument :

BNA_F

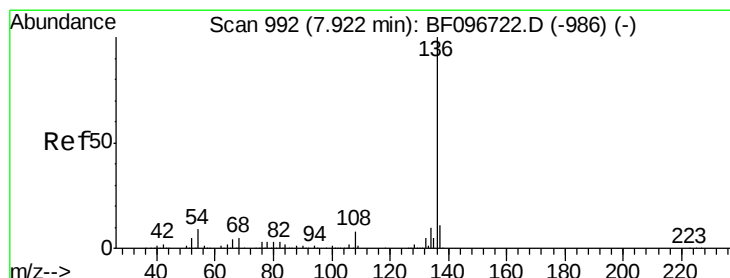
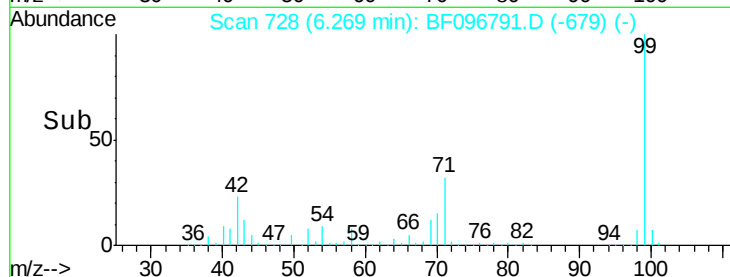
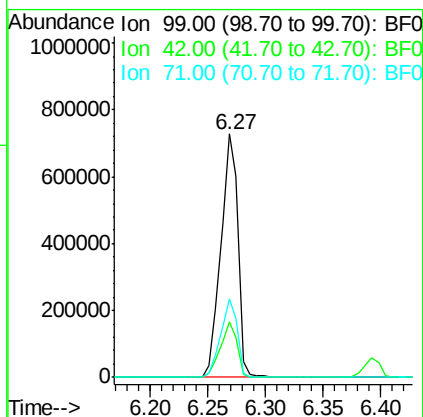
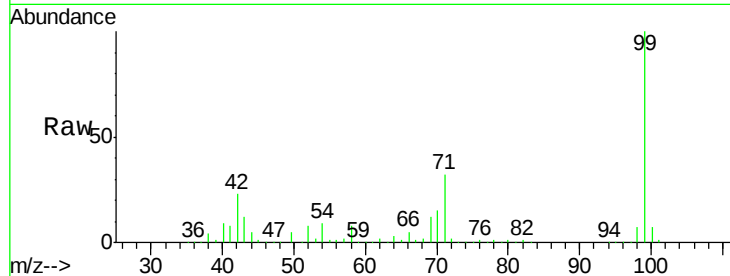
ClientSampleId :

CI-SB1-0-2

Tgt Ion:	99	Resp:	747957
Ion Ratio	Lower	Upper	
99	100		
42	22.7	13.5	20.3#
71	32.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

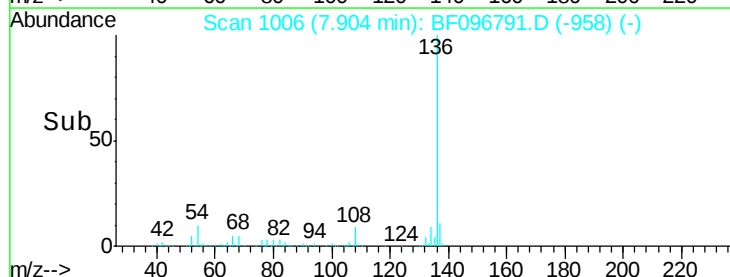
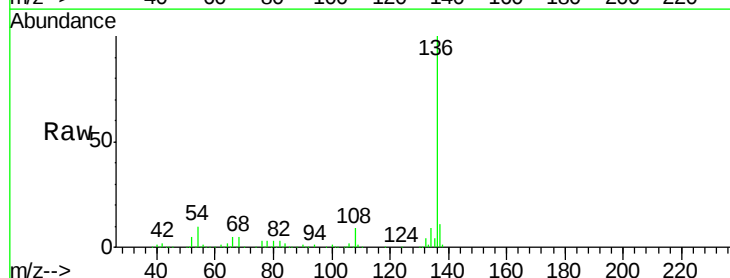
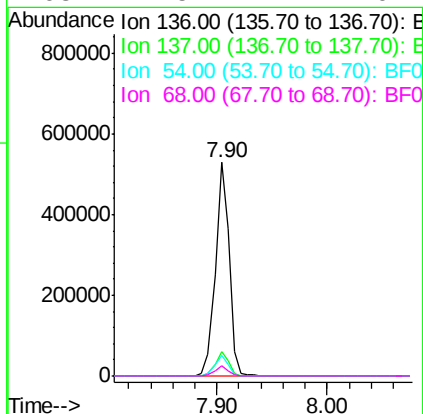
RT: 7.90 min Scan# 1006

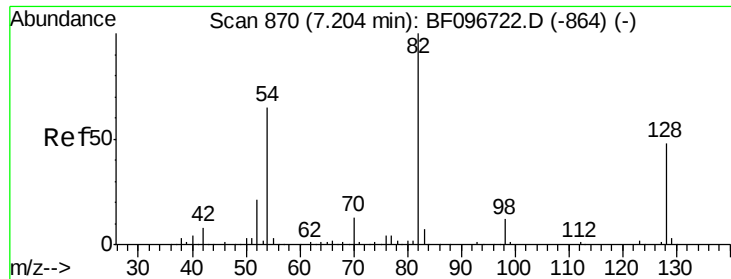
Delta R.T. -0.02 min

Lab File: BF096791.D

Acq: 15 Jul 2017 00:23

Tgt Ion:	136	Resp:	453215
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	9.7	4.9	7.3#
68	4.5	4.1	6.1





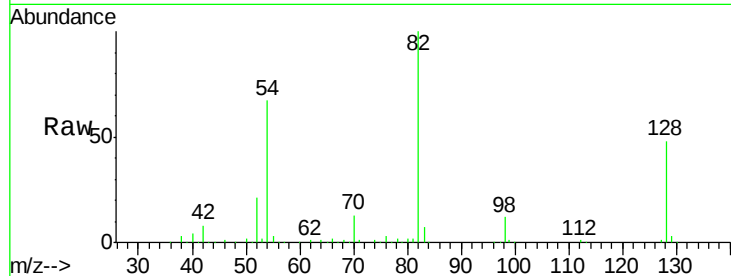
#23
 Nitrobenzene-d5
 Concen: 53.867 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB1-0-2

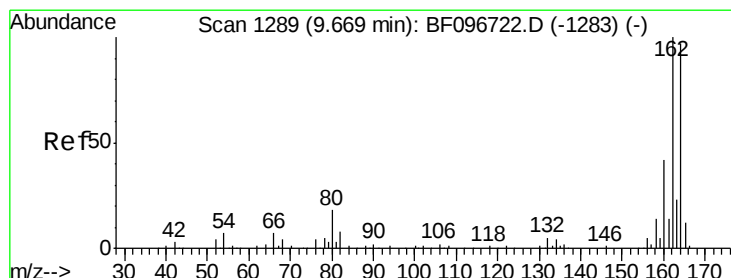
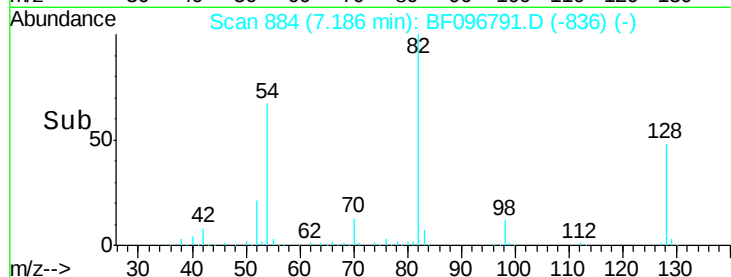
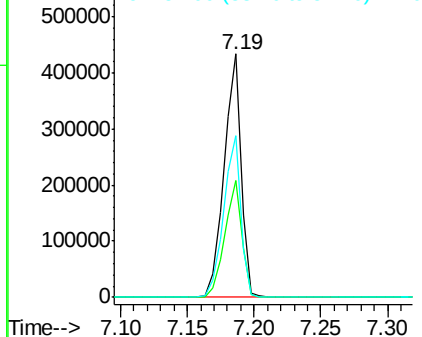
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	48.2	34.0	51.0
54	66.6	42.2	63.2

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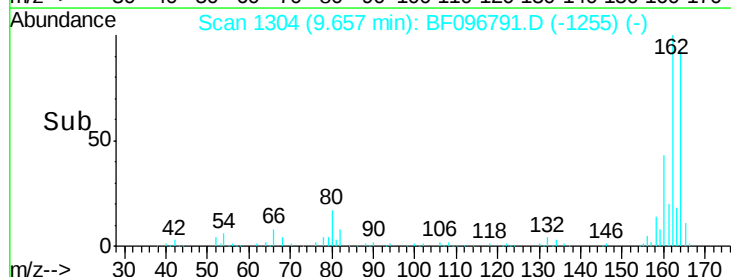
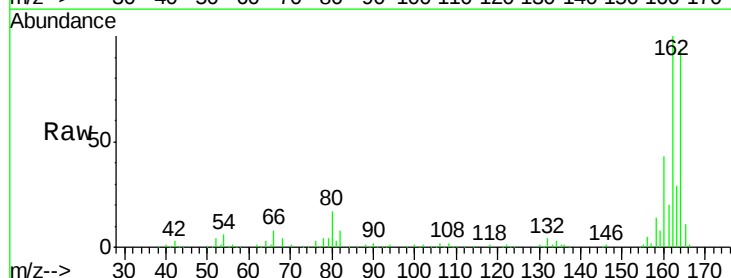
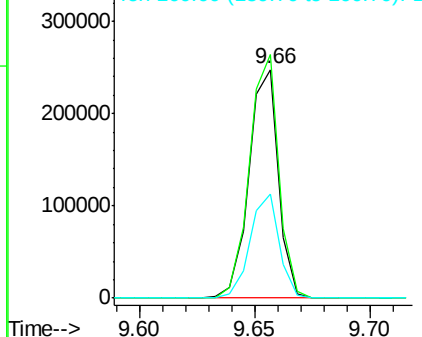
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 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

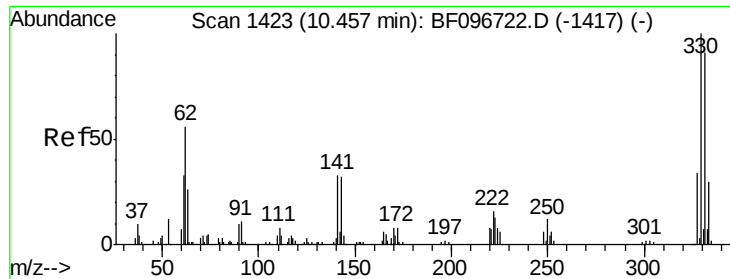


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	106.5	82.6	123.8
160	45.4	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





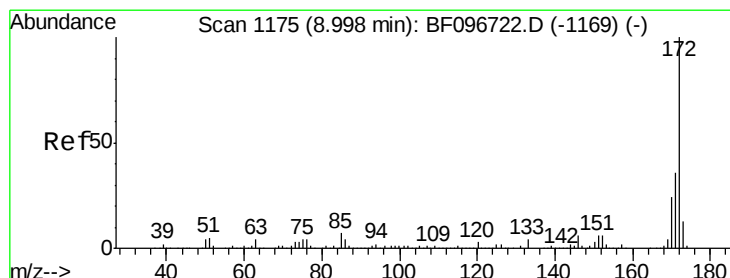
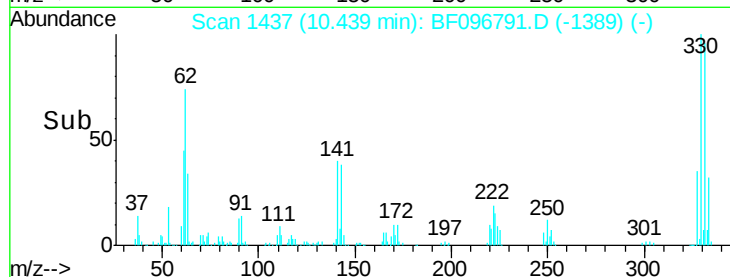
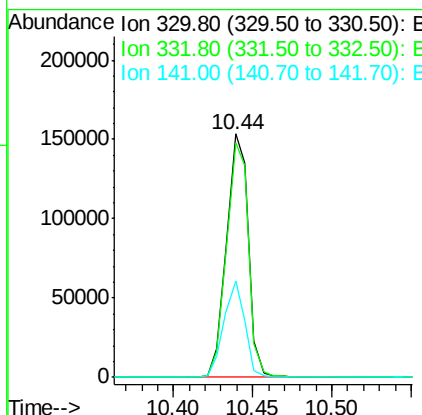
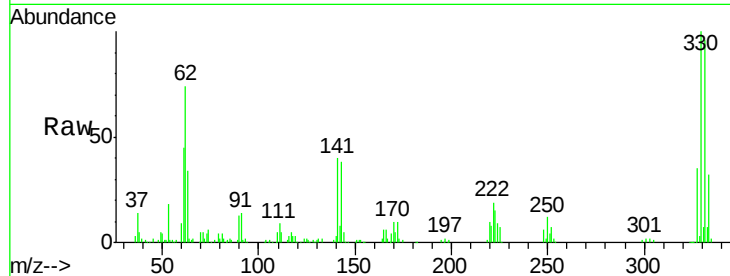
#41
 2,4,6-Tribromophenol
 Concen: 77.953 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB1-0-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	37.9	31.4	47.2

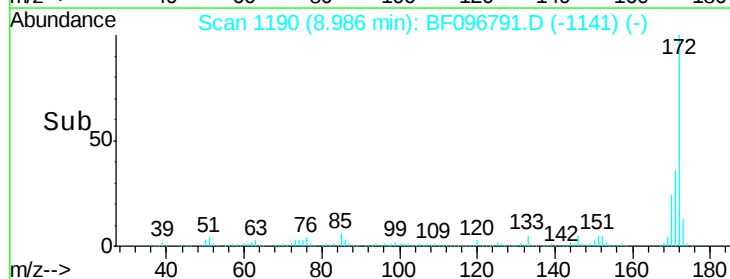
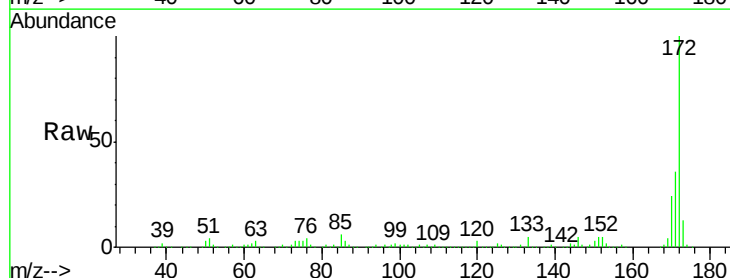
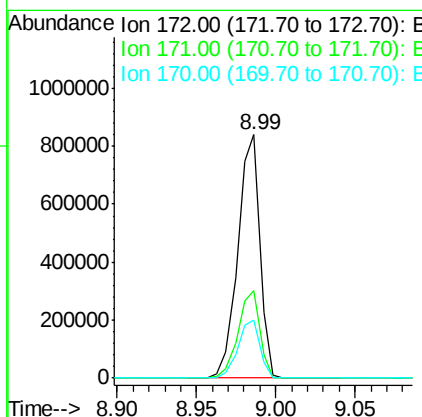
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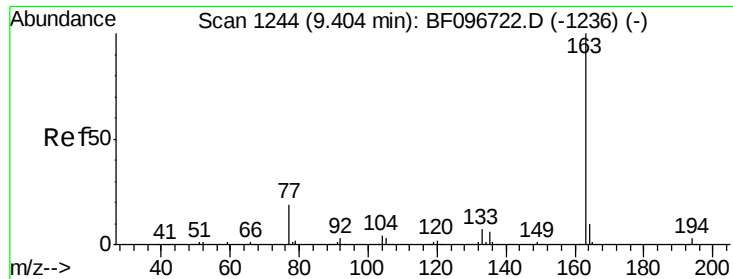
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#44
 2-Fluorobiphenyl
 Concen: 57.569 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.8	29.8





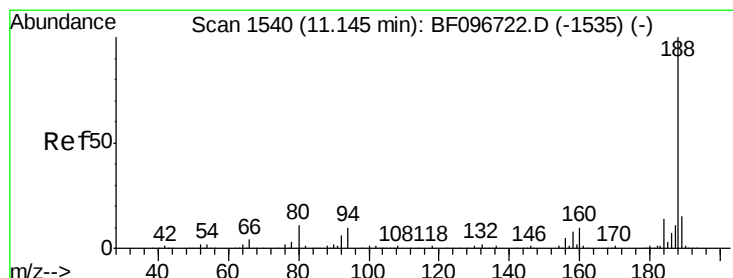
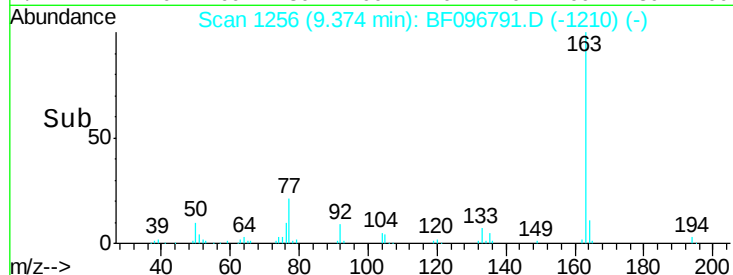
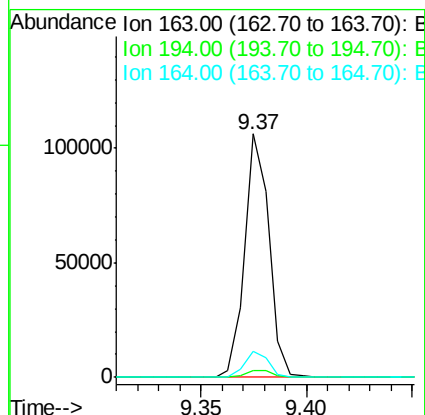
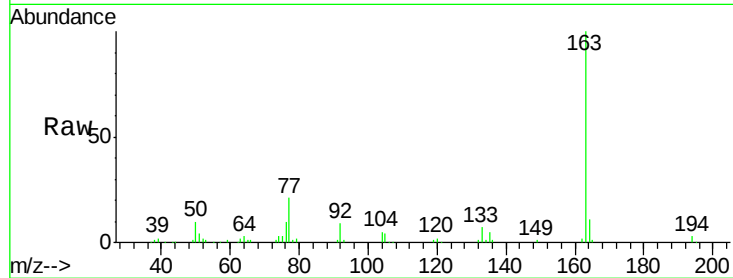
#49
Dimethylphthalate
Concen: 5.070 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096791.D
Acq: 15 Jul 2017 00:23

Instrument :
BNA_F
ClientSampleId :
CI-SB1-0-2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	84369		
194	2.8		2.6	4.0
164	10.6		8.4	12.6

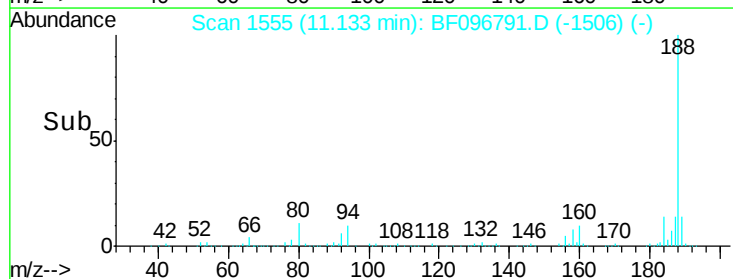
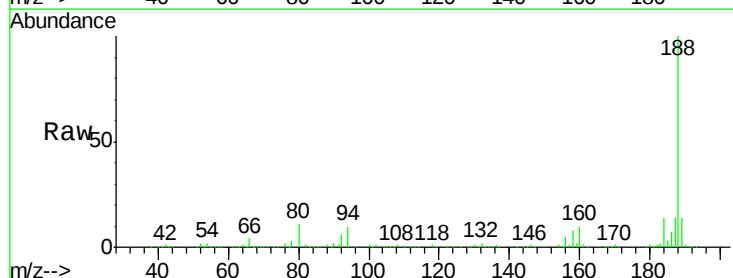
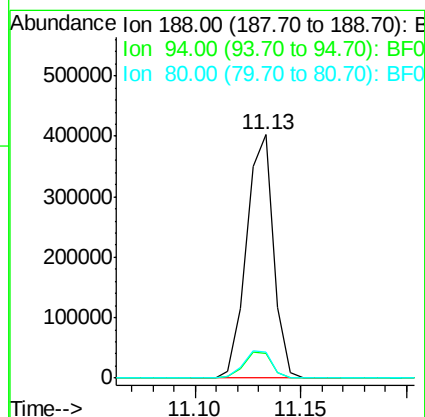
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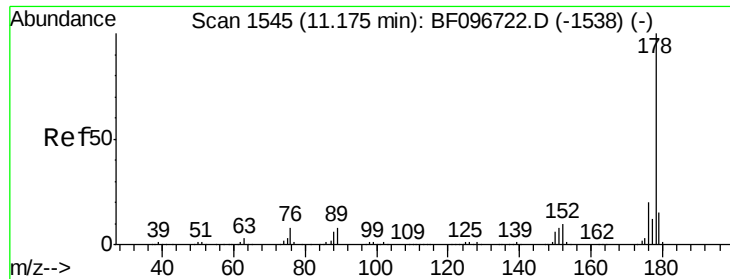
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096791.D
Acq: 15 Jul 2017 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	356797		
94	10.2		9.4	14.2
80	10.5		10.2	15.2





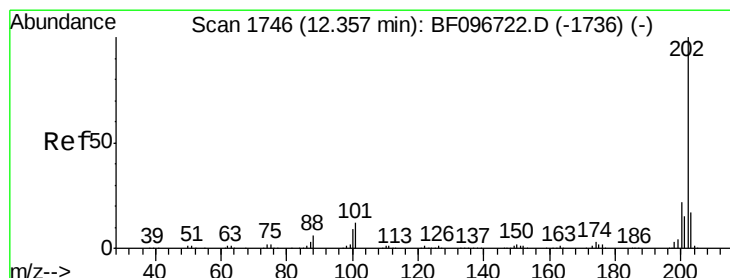
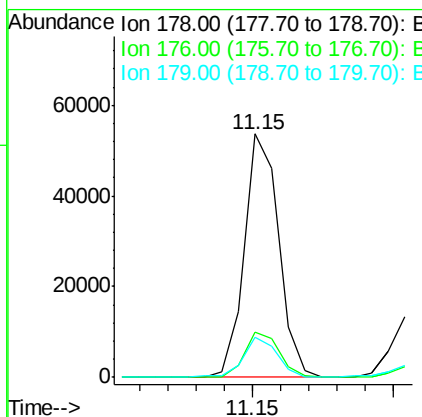
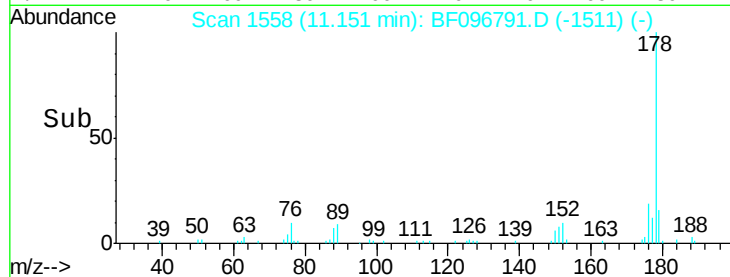
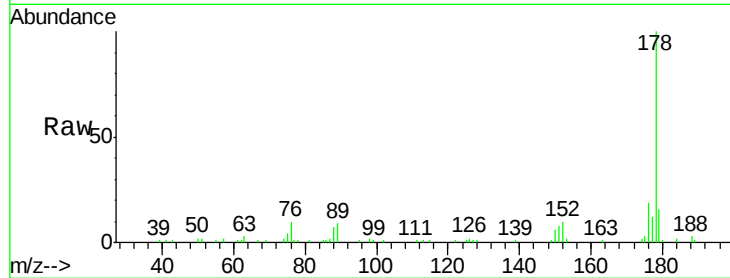
#70
 Phenanthrene
 Concen: 2.334 ng
 RT: 11.15 min Scan# 1558
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB1-0-2

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.4
179	16.2	12.6	19.0

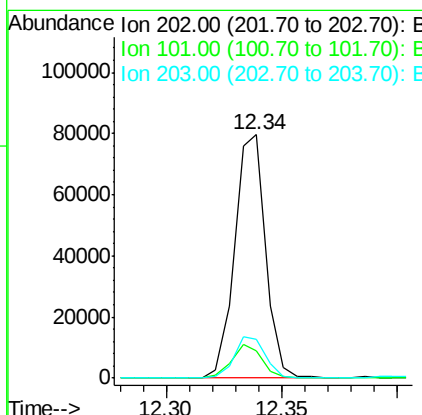
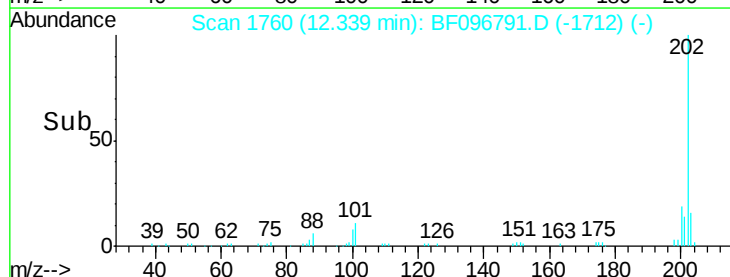
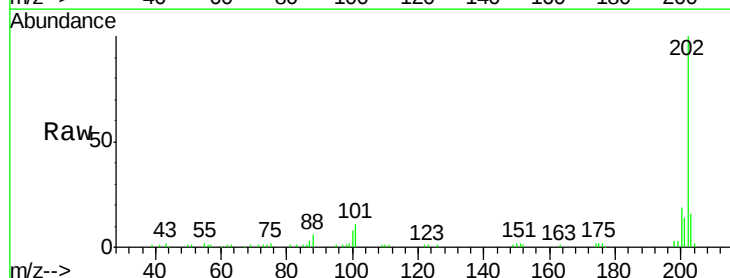
Manual Integrations
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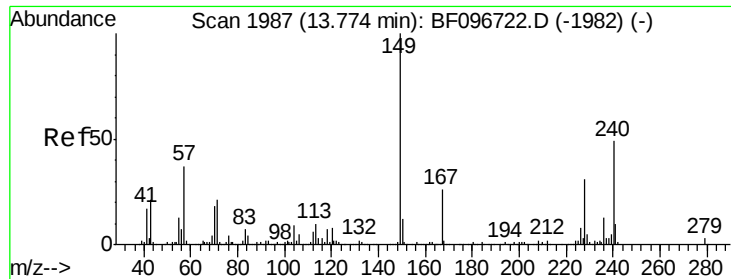
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#74
 Fluoranthene
 Concen: 3.985 ng
 RT: 12.34 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.2
203	16.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096791.D

Acq: 15 Jul 2017 00:23

Instrument :

BNA_F

ClientSampleId :

CI-SB1-0-2

Tgt Ion:240 Resp: 218943

Ion Ratio Lower Upper

240 100

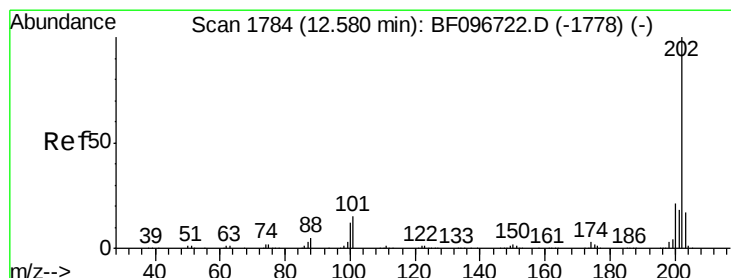
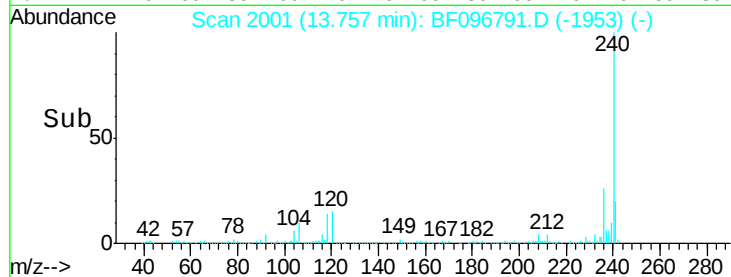
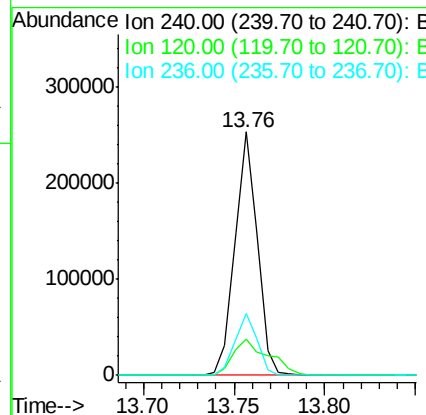
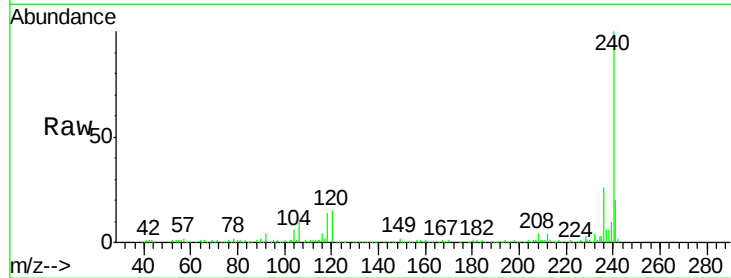
120 15.1 5.8 8.8#

236 25.6 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 2.560 ng

RT: 12.56 min Scan# 1798

Delta R.T. -0.02 min

Lab File: BF096791.D

Acq: 15 Jul 2017 00:23

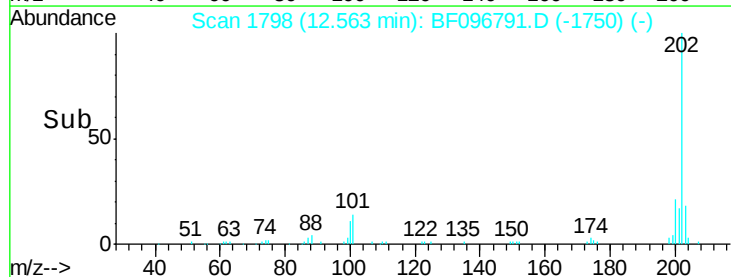
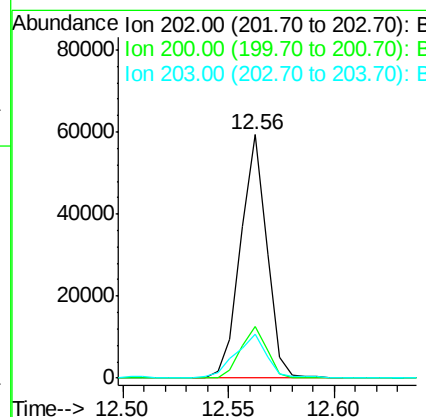
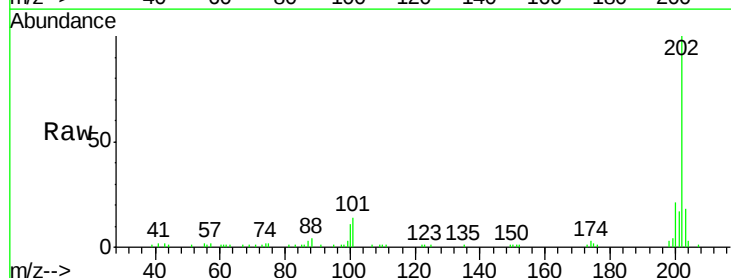
Tgt Ion:202 Resp: 50876

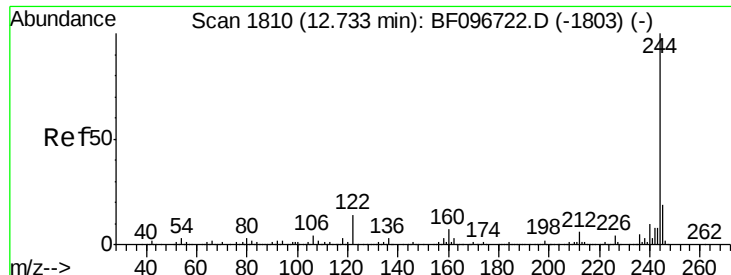
Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

203 18.1 14.4 21.6





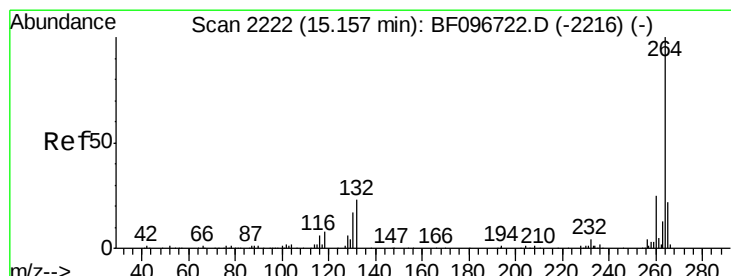
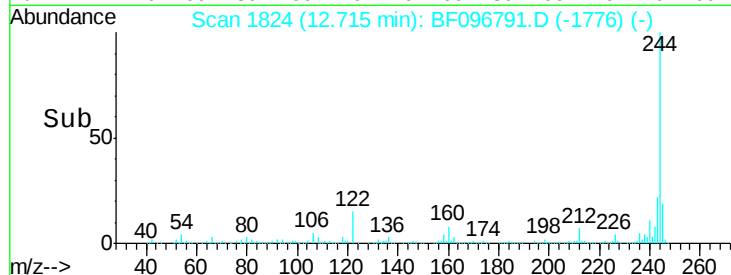
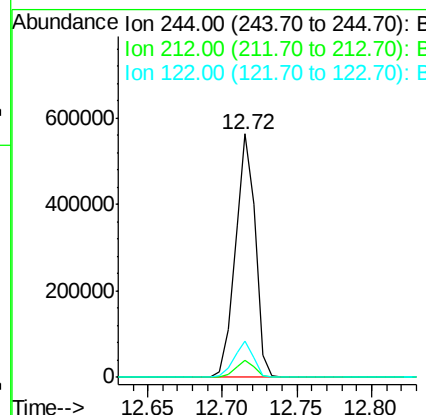
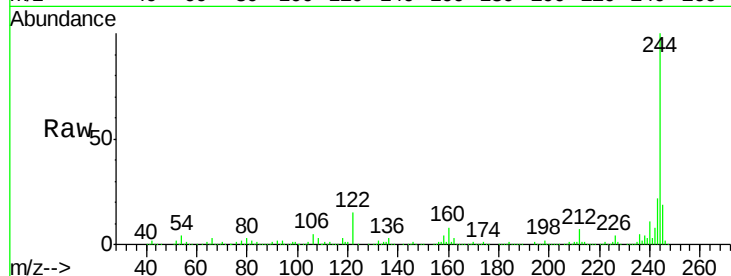
#78
 Terphenyl-d14
 Concen: 41.808 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB1-0-2

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	6.0	9.0
122	14.9	10.3	15.5

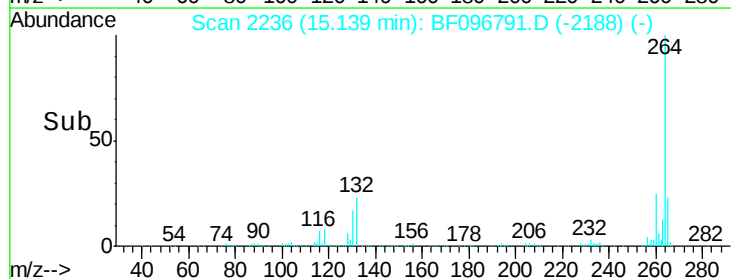
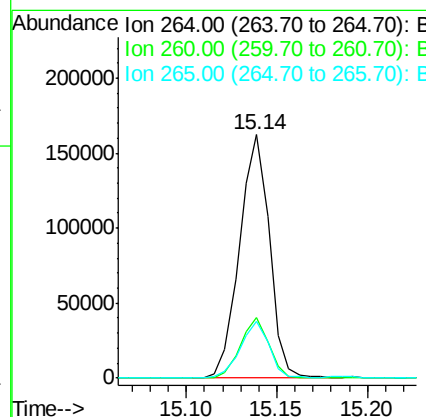
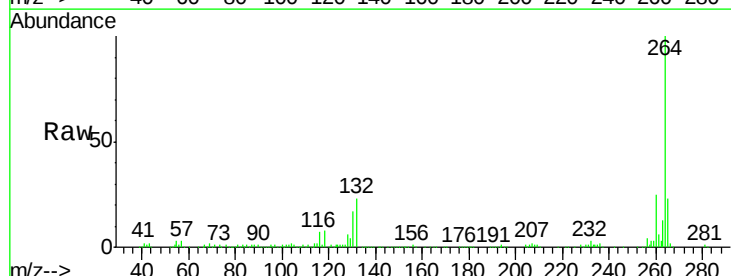
Manual Integrations
 APPROVED

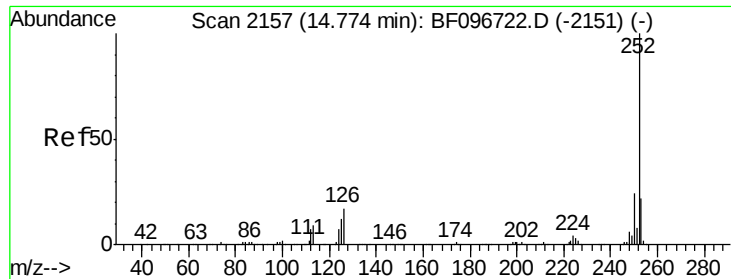
mohammad
 7/17/2017 3:57:22 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.7	19.5	29.3
265	23.2	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.480 ng m
 RT: 14.76 min Scan# 2171
 Delta R.T. -0.02 min
 Lab File: BF096791.D
 Acq: 15 Jul 2017 00:23

Instrument :
 BNA_F
 ClientSampleId :
 CI-SB1-0-2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	17.7	9.8	14.8

Manual Integrations
 APPROVED

mohammad
 7/17/2017 3:57:22 PM

