

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096302.D
 Acq On : 29 Jun 2017 20:08
 Operator : SJ/MA
 Sample : I3931-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-062617

Manual Integrations
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 6/30/2017 2:52:03 PM

Quant Time: Jun 30 02:48:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	173419	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	700876	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	271150	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	381562	20.00	ng	0.00
75) Chrysene-d12	13.92	240	313071	20.00	ng	0.00
86) Perylene-d12	15.34	264	292209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1105877	91.87	ng	0.00
7) Phenol-d6	6.40	99	1360402	93.33	ng	0.01
23) Nitrobenzene-d5	7.33	82	787435	77.77	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	236125	110.65	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1184783	80.02	ng	-0.02
78) Terphenyl-d14	12.87	244	679633	54.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.52	163	230791	11.89	ng	98
74) Fluoranthene	12.49	202	68146	3.22	ng	97
77) Pyrene	12.72	202	69002	2.68	ng	96
87) Benzo(b)fluoranthene	14.93	252	42843m	2.23	ng	

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

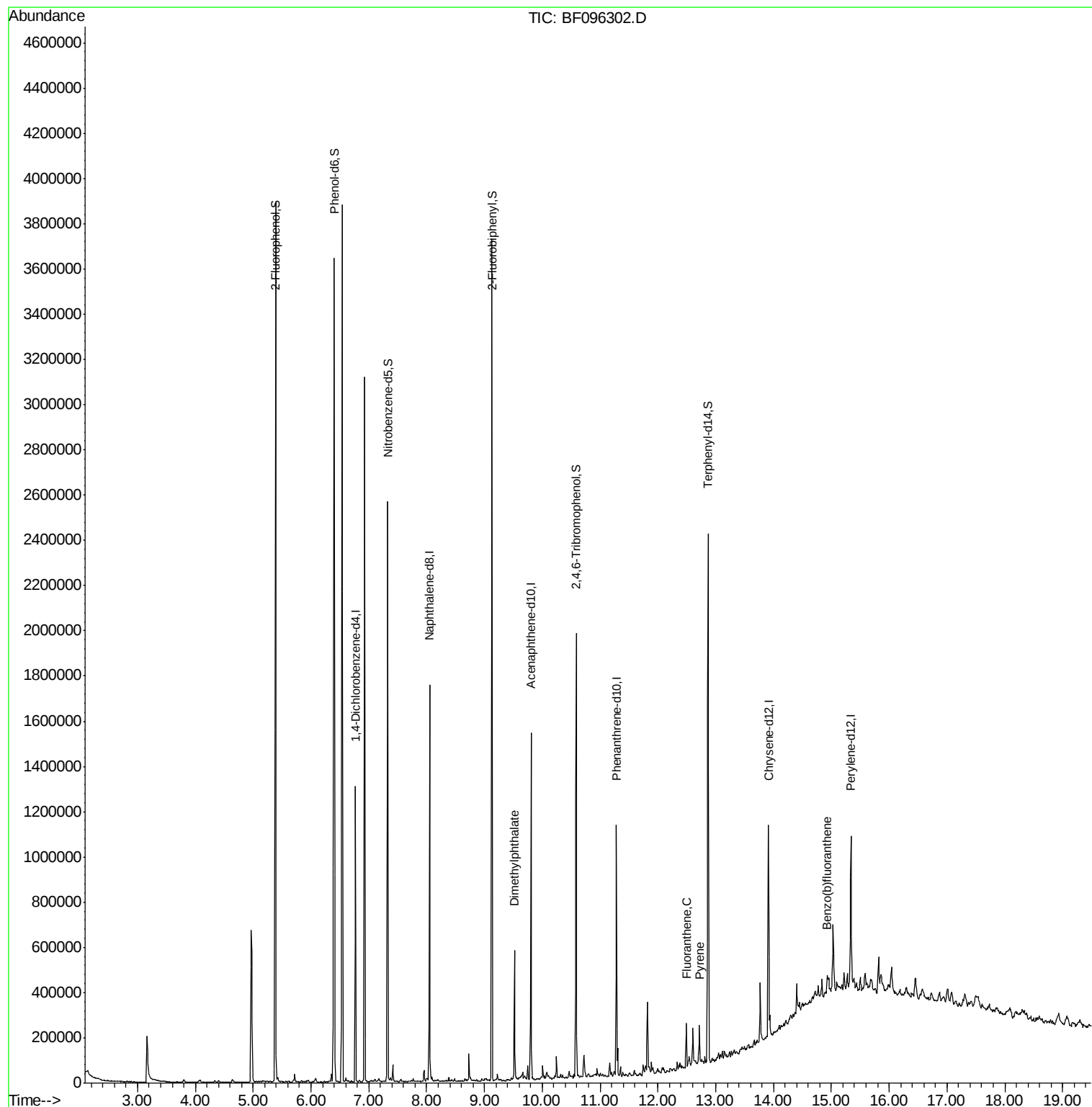
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096302.D
Acq On : 29 Jun 2017 20:08
Operator : SJ/MA
Sample : I3931-01
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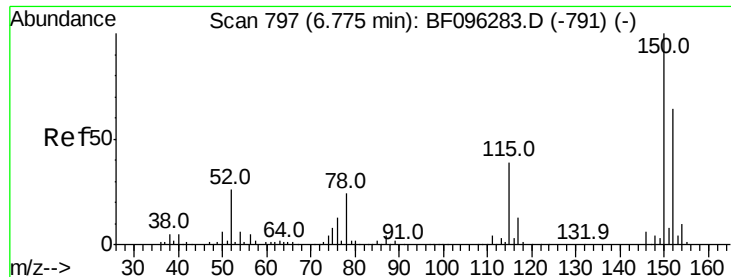
Instrument :
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OR-01-062617

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#1

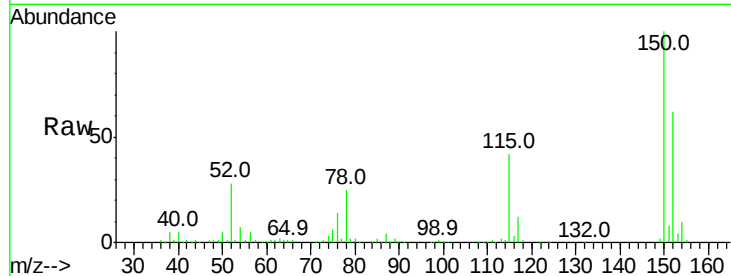
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Instrument :
BNA_F
ClientSampleId :
OR-01-062617

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	66.7	52.2	78.2

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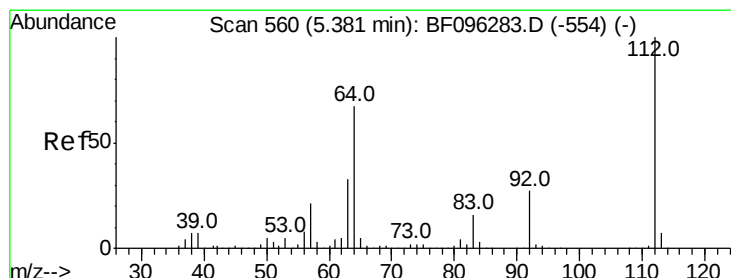
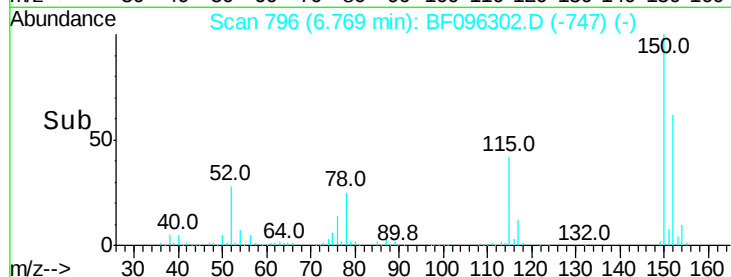
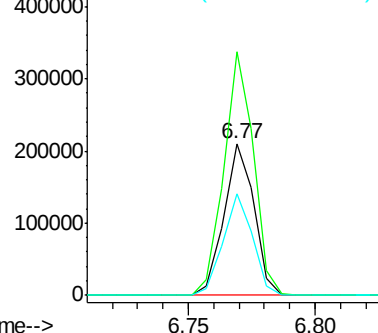


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

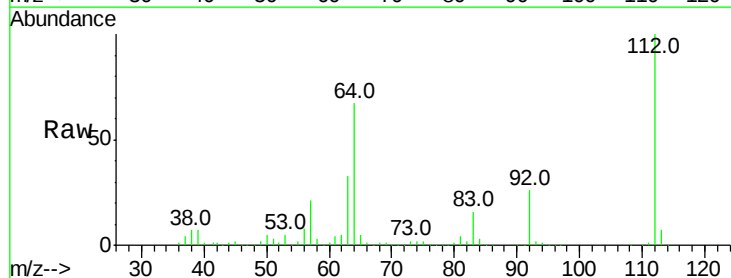
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.87 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	46.0	69.0
63	33.2	23.4	35.0

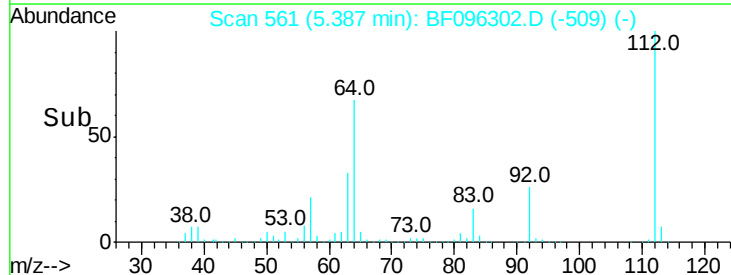
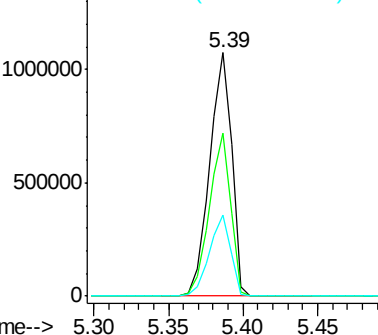


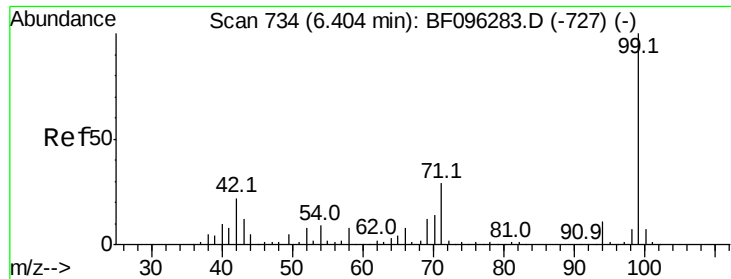
Abundance

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: 93.33 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096302.D

Acq: 29 Jun 2017 20:08

Instrument :

BNA_F

ClientSampleId :

OR-01-062617

Tot Ion: 99 Resp: 1360402

Ion Ratio Lower Upper

99 100

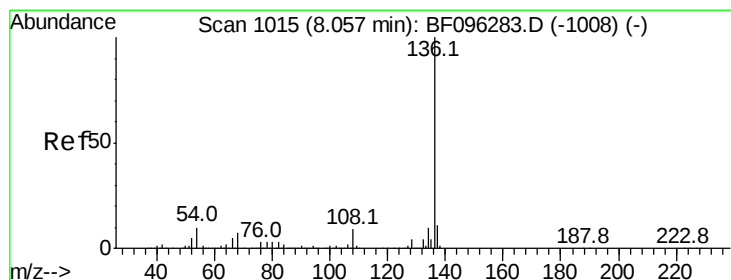
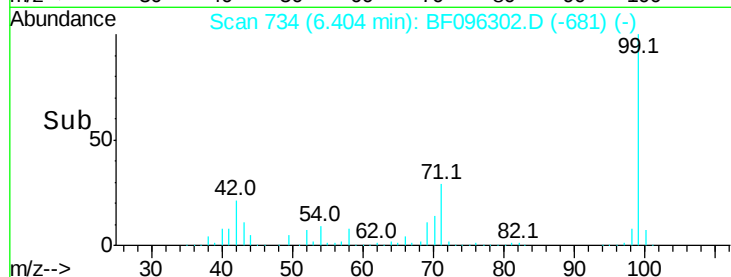
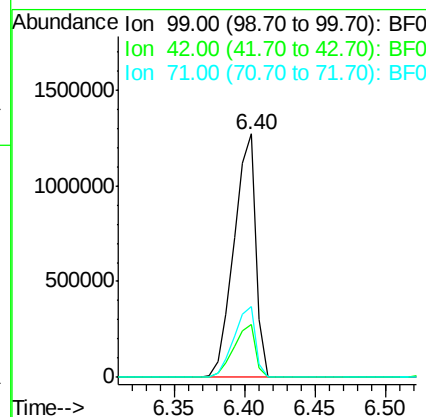
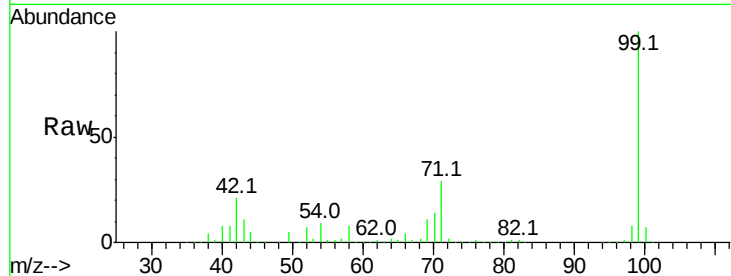
42 21.5 13.5 20.3#

71 29.2 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096302.D

Acq: 29 Jun 2017 20:08

Tgt Ion: 136 Resp: 700876

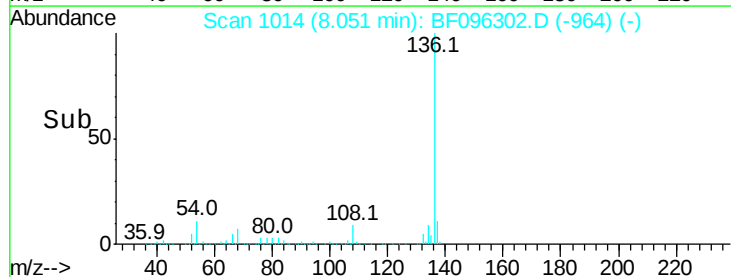
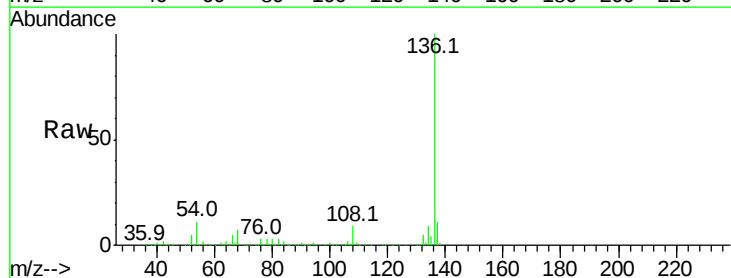
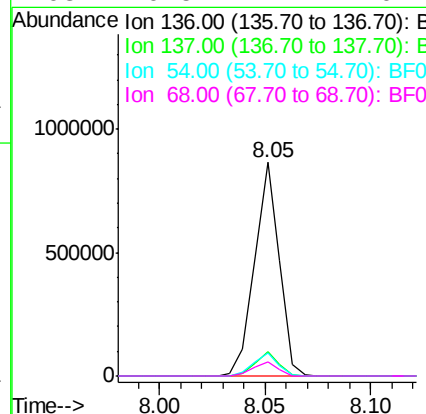
Ion Ratio Lower Upper

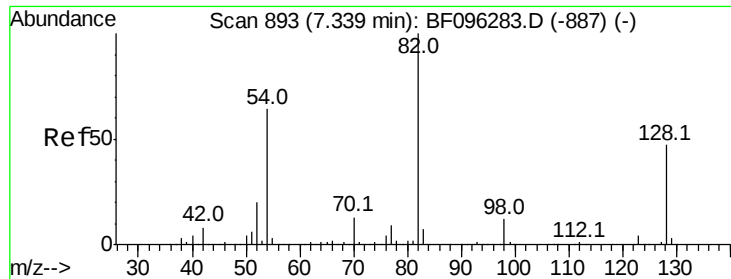
136 100

137 11.1 8.5 12.7

54 10.8 4.9 7.3#

68 6.5 4.1 6.1#





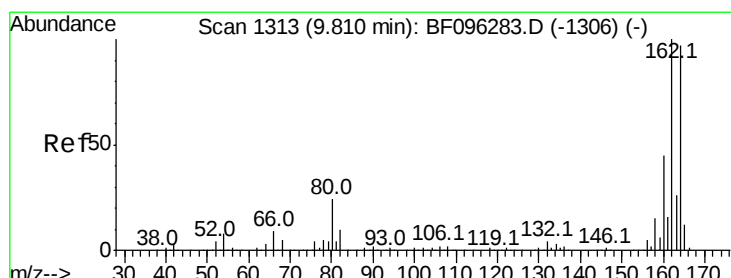
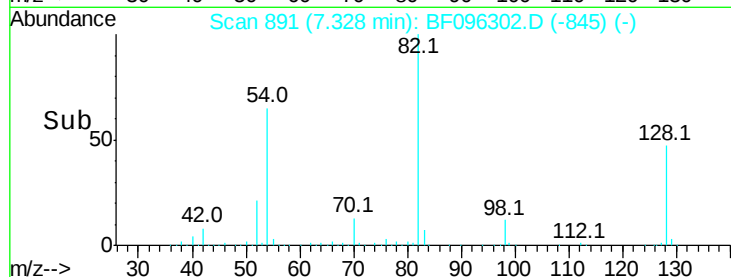
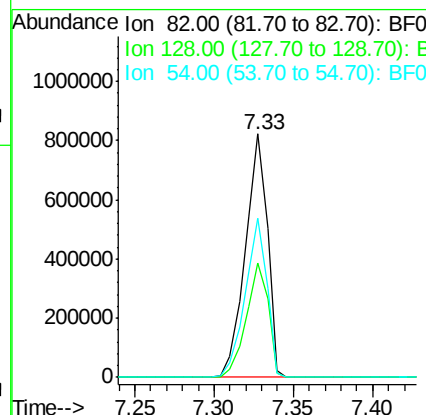
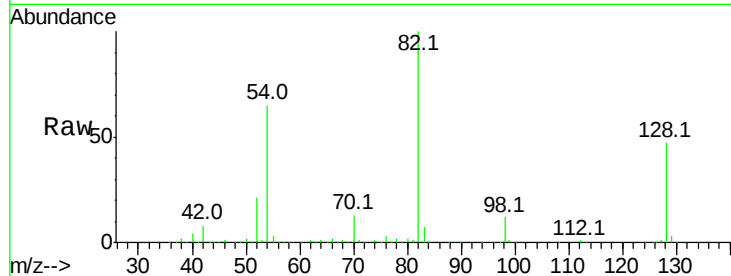
#23
Nitrobenzene-d5
Concen: 77.77 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Instrument :
BNA_F
ClientSampleId :
OR-01-062617

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	65.5	42.2	63.2#

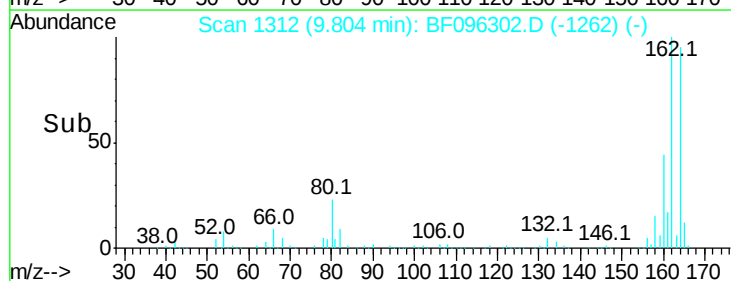
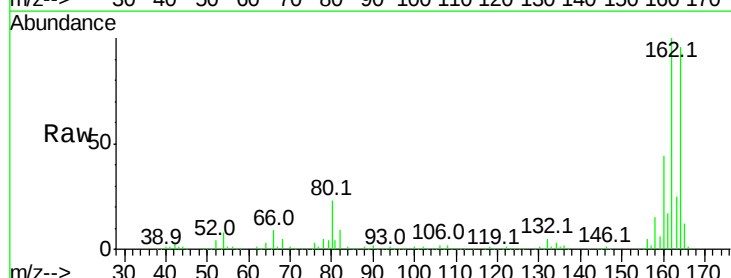
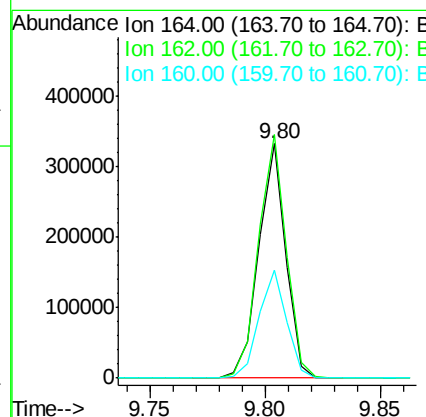
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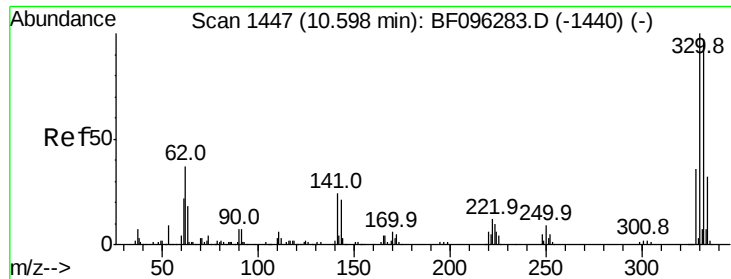
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	46.1	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 110.65 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096302.D

Acq: 29 Jun 2017 20:08

Instrument :

BNA_F

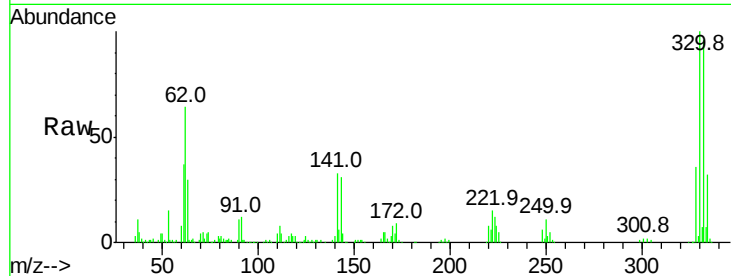
ClientSampleId :

OR-01-062617

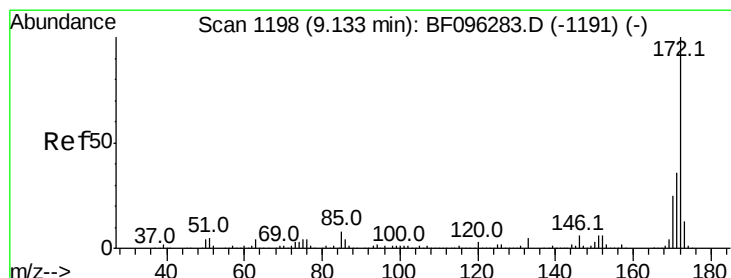
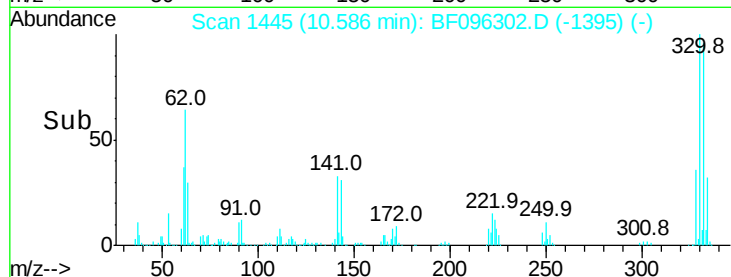
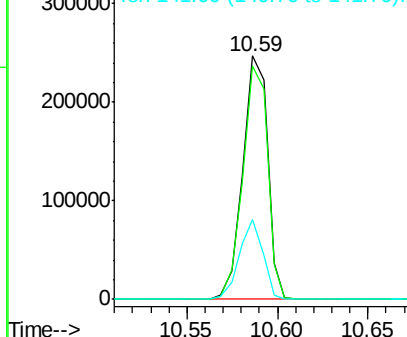
Tot Ion:	330	Resp:	236125
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.6	115.0
141	31.0	31.4	47.2#

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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: 80.02 ng

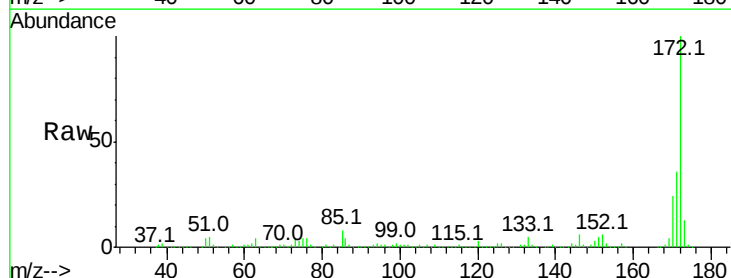
RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

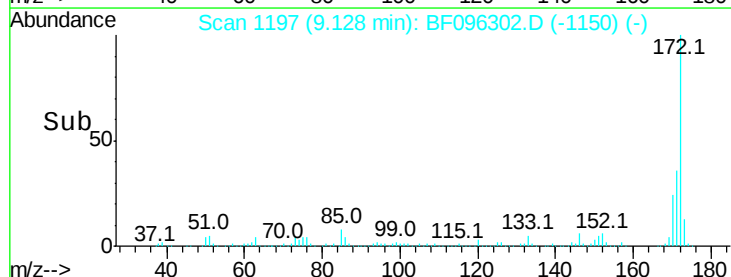
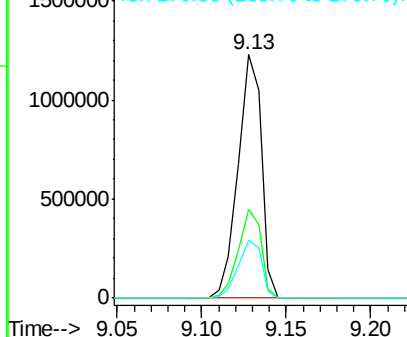
Lab File: BF096302.D

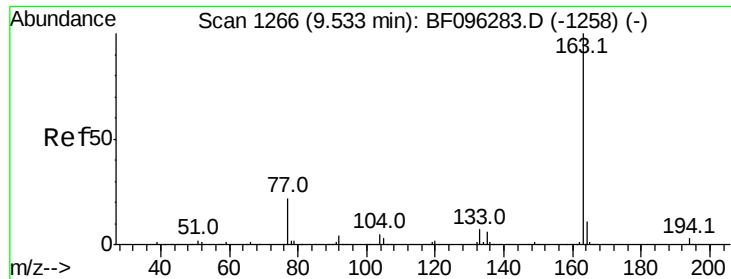
Acq: 29 Jun 2017 20:08

Tgt Ion:	172	Resp:	1184783
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	23.7	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





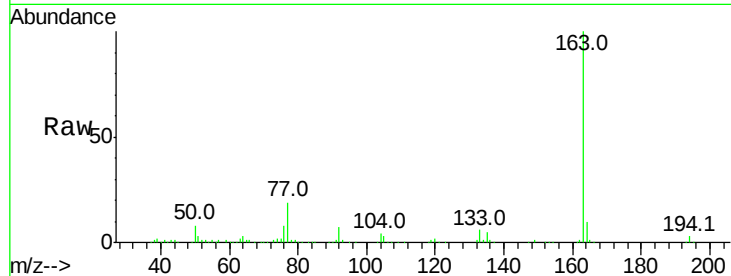
#49
Dimethylphthalate
Concen: 11.89 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Instrument :
BNA_F
ClientSampleId :
OR-01-062617

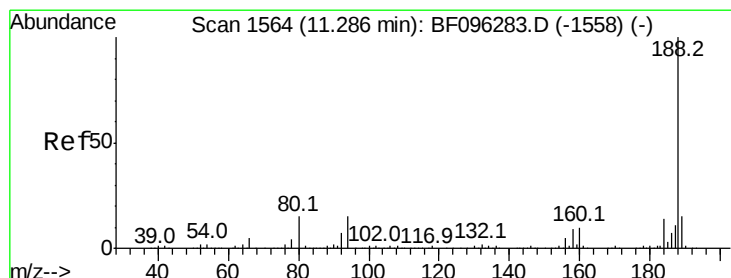
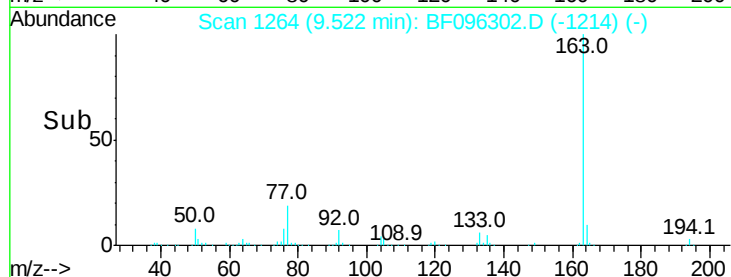
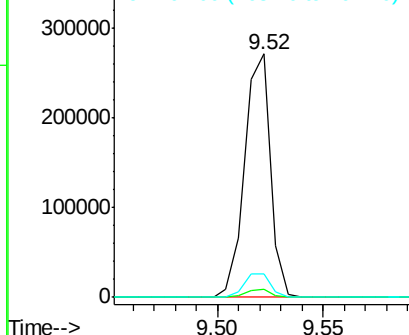
Tot Ion	Ratio	Resp	Lower	Upper
163	100	230791		
194	3.2		2.6	4.0
164	9.5		8.4	12.6

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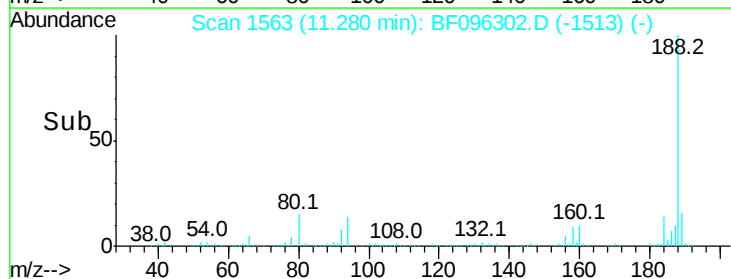
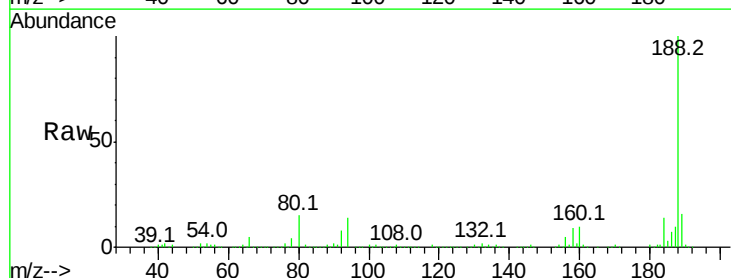
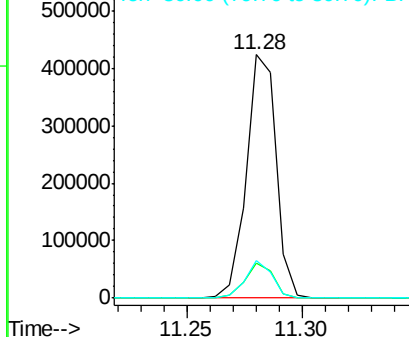
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

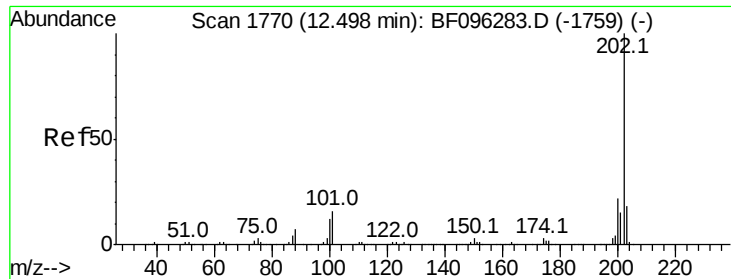


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	381562		
94	14.5		9.4	14.2#
80	15.2		10.2	15.2

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 3.22 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF096302.D

Acq: 29 Jun 2017 20:08

Instrument :

BNA_F

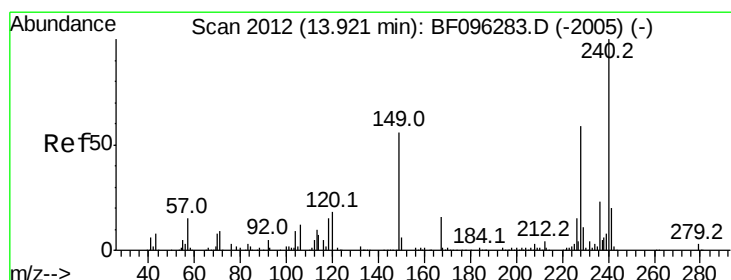
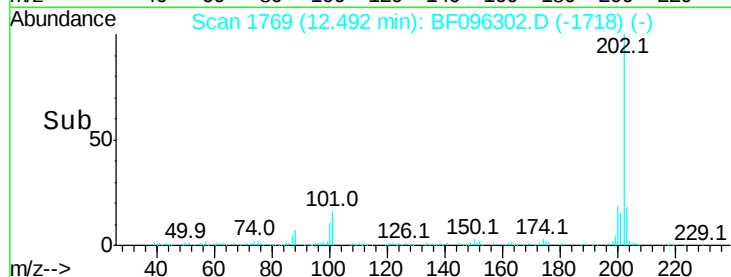
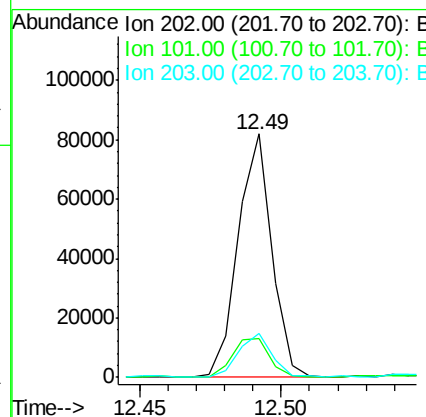
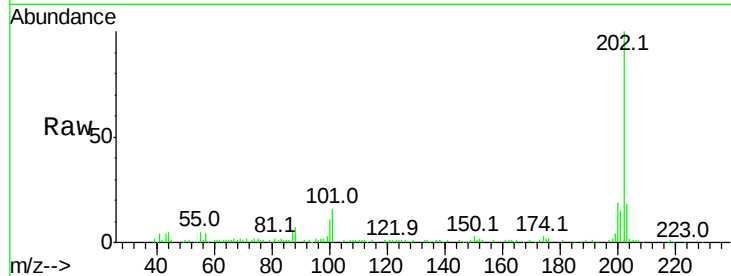
ClientSampled :

OR-01-062617

Tot Ion	Ratio	Resp	Lower	Upper
202	100	68146		
101	15.8	0.0	33.2	
203	18.0	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.00 ng

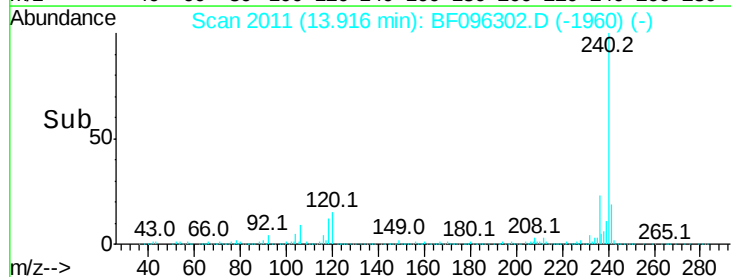
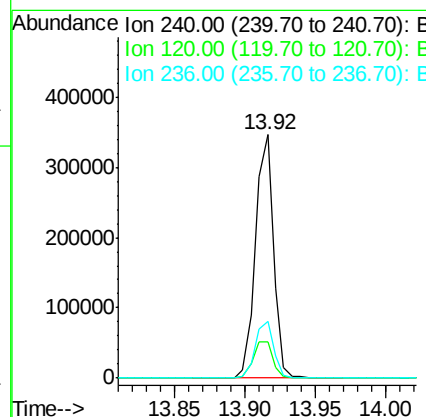
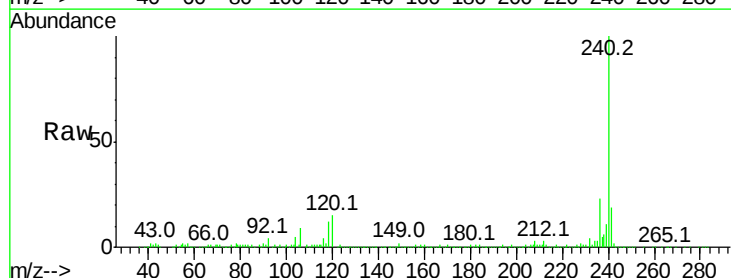
RT: 13.92 min Scan# 2011

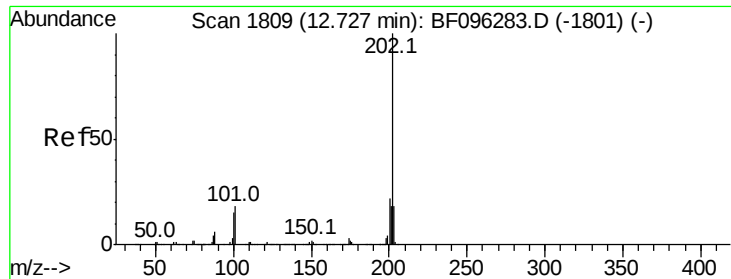
Delta R.T. -0.00 min

Lab File: BF096302.D

Acq: 29 Jun 2017 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	313071		
120	14.8	5.8	8.8#	
236	23.4	20.5	30.7	





#77

Pvrene

Concen: 2.68 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF096302.D

Acq: 29 Jun 2017 20:08

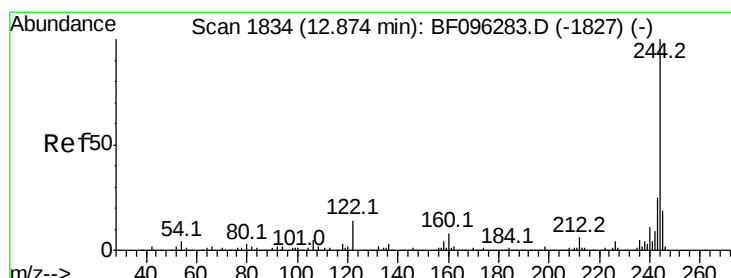
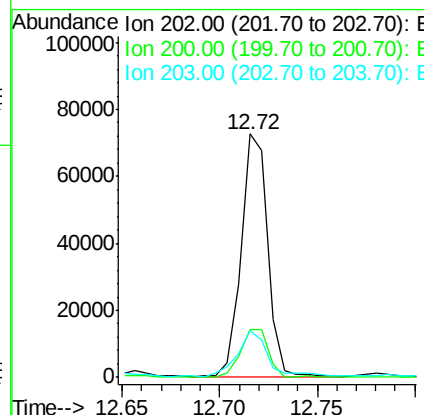
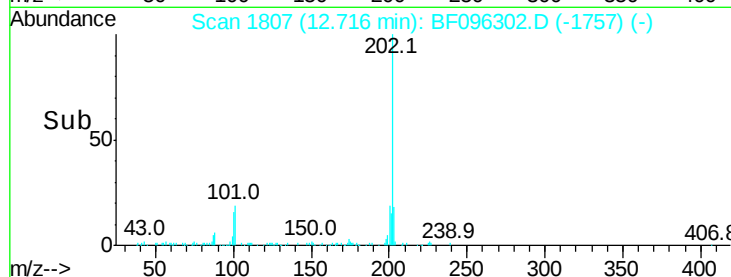
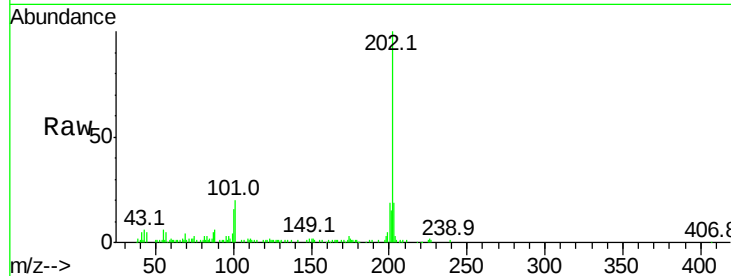
Instrument :
BNA_F

ClientSampleId :
OR-01-062617

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.4	17.6	26.4
203	19.1	14.4	21.6

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#78

Terphenyl-d14

Concen: 54.17 ng

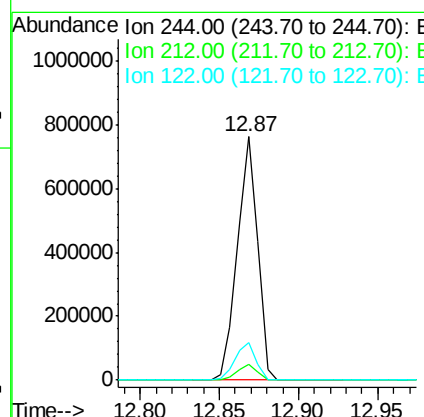
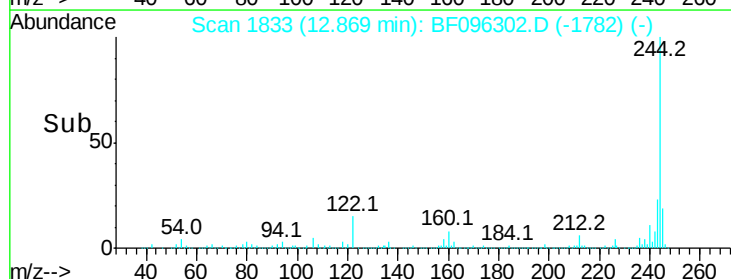
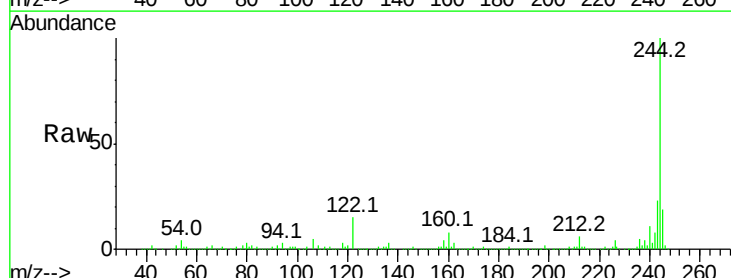
RT: 12.87 min Scan# 1833

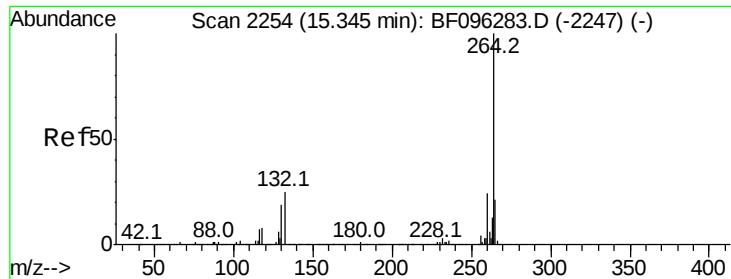
Delta R.T. -0.00 min

Lab File: BF096302.D

Acq: 29 Jun 2017 20:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	15.5	10.3	15.5#





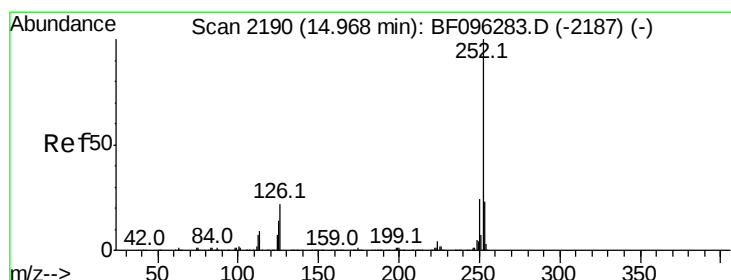
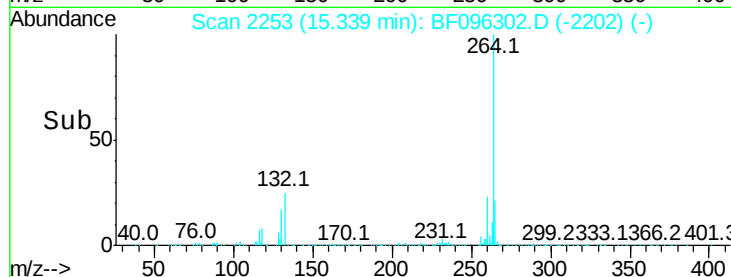
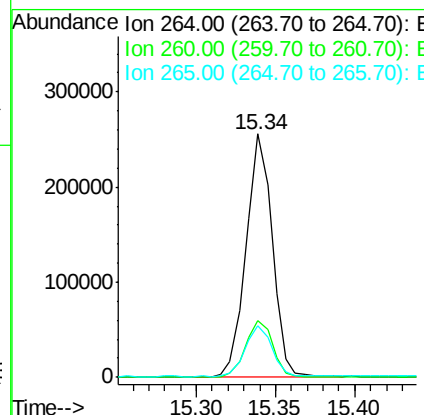
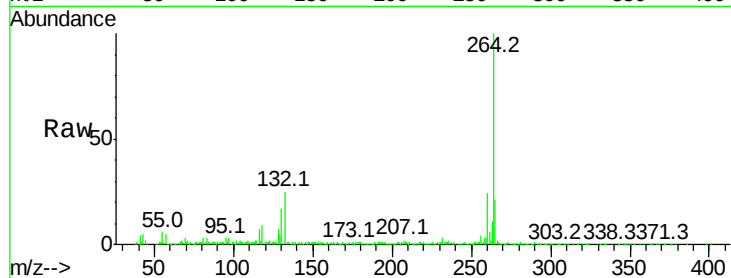
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Instrument :
BNA_F
ClientSampleId :
OR-01-062617

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.3	17.2	25.8

Manual Integrations
APPROVED

mohammad
6/30/2017 2:52:03 PM



#87
Benzo(b)fluoranthene
Concen: 2.23 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF096302.D
Acq: 29 Jun 2017 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.1	27.1#
125	24.7	9.8	14.8#

