

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096319.D
 Acq On : 30 Jun 2017 3:55
 Operator : SJ/MA
 Sample : I3883-04 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G41-1.5-3

Manual Integrations
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Quant Time: Jun 30 04:24:25 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	147679	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	573922	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	203983	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	307780	20.00	ng	0.00
75) Chrysene-d12	13.92	240	274363	20.00	ng	0.00
86) Perylene-d12	15.35	264	215702	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	96926	9.46	ng	0.00
7) Phenol-d6	6.39	99	114052	9.19	ng	0.00
23) Nitrobenzene-d5	7.32	82	53556	6.46	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	16158	10.07	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	103093	9.26	ng	-0.02
78) Terphenyl-d14	12.87	244	70406	6.40	ng	0.00
Target Compounds						
74) Fluoranthene	12.49	202	76156	4.45	ng	94
77) Pyrene	12.72	202	73336	3.25	ng	98
87) Benzo(b)fluoranthene	14.94	252	37583m	2.65	ng	

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

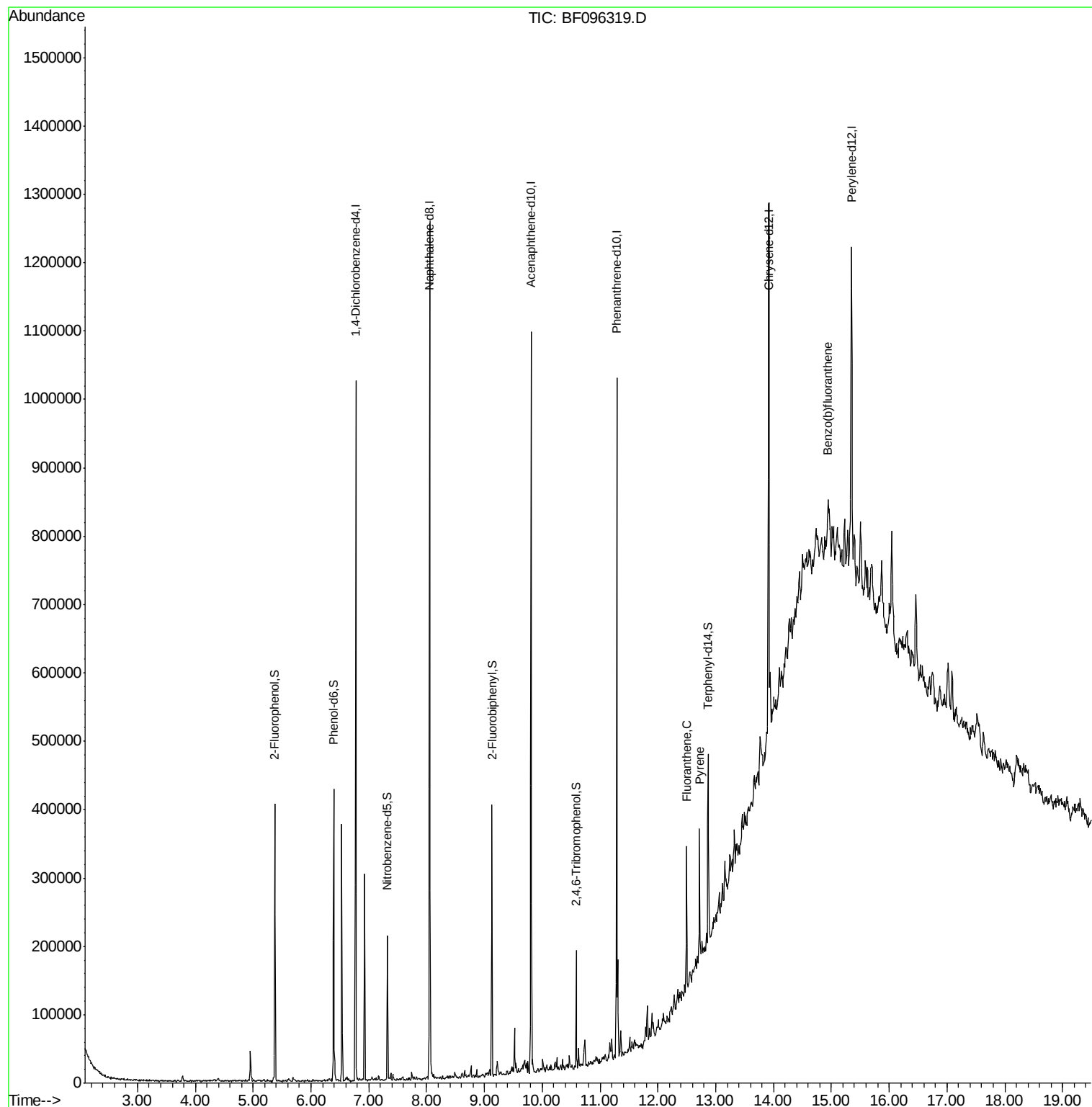
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096319.D
Acq On : 30 Jun 2017 3:55
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ALS Vial : 25 Sample Multiplier: 1

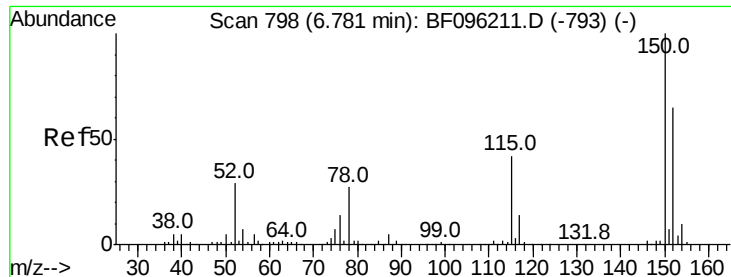
Instrument :
BNA_F
ClientSampleId :
G41-1.5-3

Quant Time: Jun 30 04:24:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
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QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

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#1

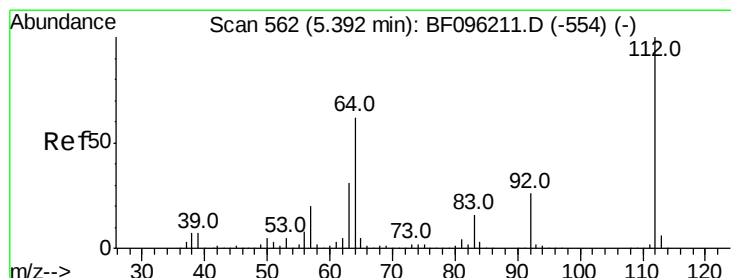
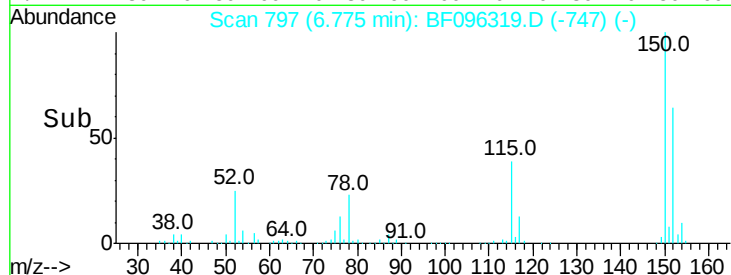
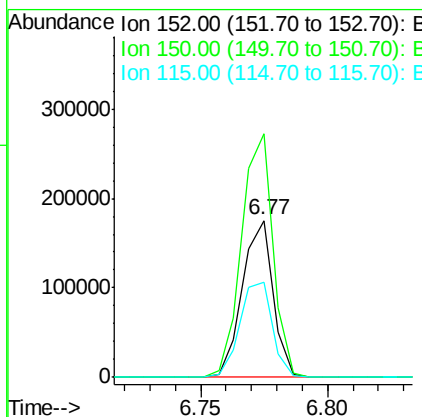
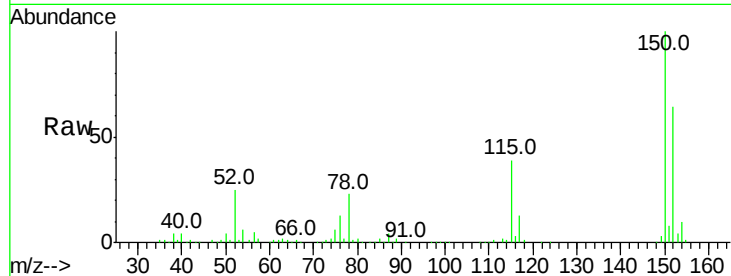
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096319.D
Acq: 30 Jun 2017 3:55

Instrument :
BNA_F
ClientSampleId :
G41-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.2	189.2
115	60.7	52.2	78.2

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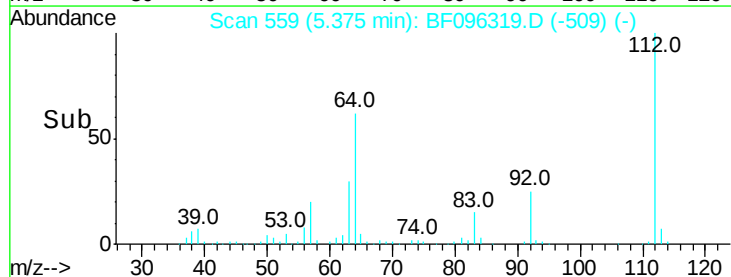
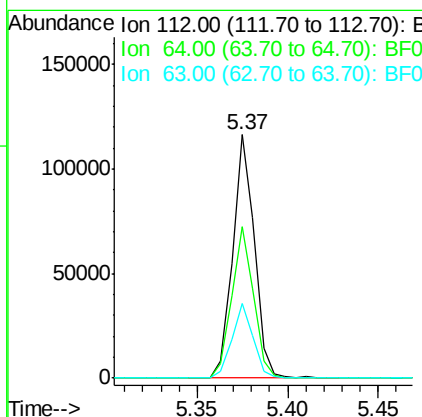
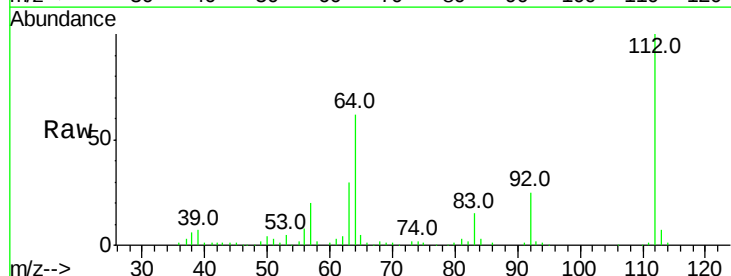
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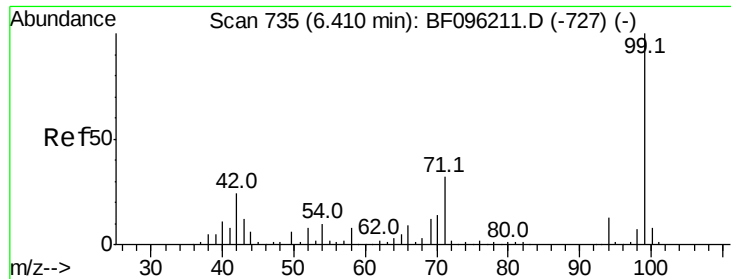


#5

2-Fluorophenol
Concen: 9.46 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096319.D
Acq: 30 Jun 2017 3:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	46.0	69.0
63	30.5	23.4	35.0





#7

Phenol-d6

Concen: 9.19 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096319.D

Acq: 30 Jun 2017 3:55

Instrument :

BNA_F

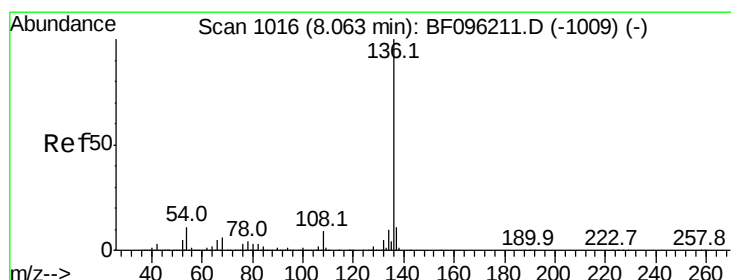
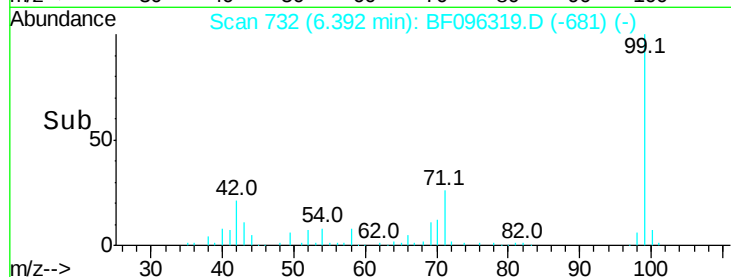
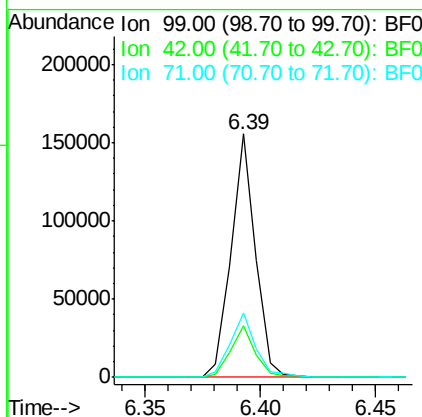
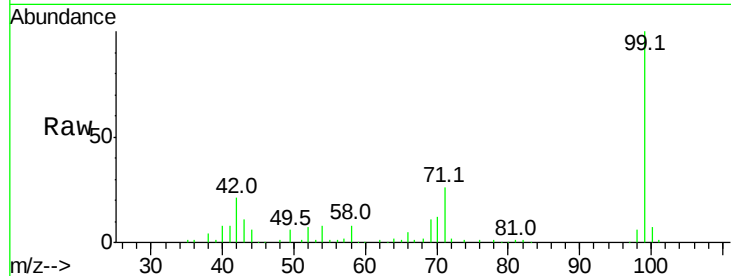
ClientSampleId :

G41-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		114052		
42	21.2	13.5	20.3#		
71	26.3	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

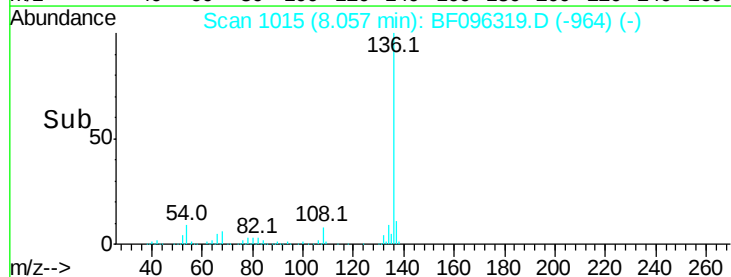
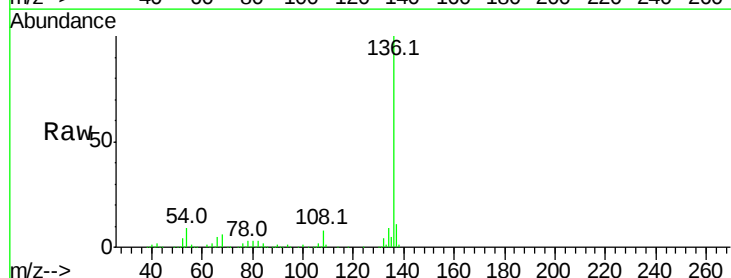
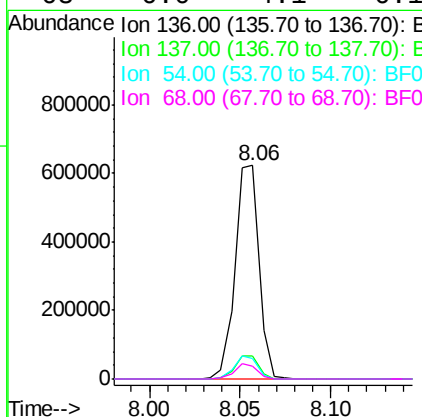
RT: 8.06 min Scan# 1015

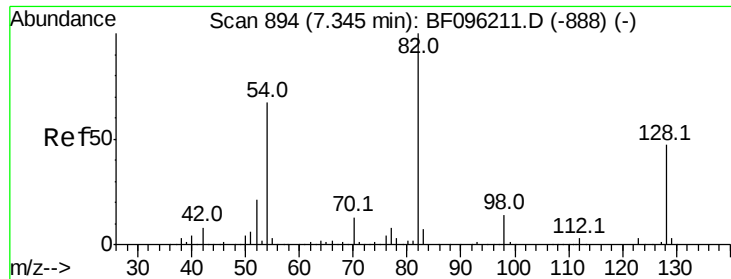
Delta R.T. -0.00 min

Lab File: BF096319.D

Acq: 30 Jun 2017 3:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		573922		
137	10.7	8.5	12.7		
54	9.4	4.9	7.3#		
68	6.0	4.1	6.1		





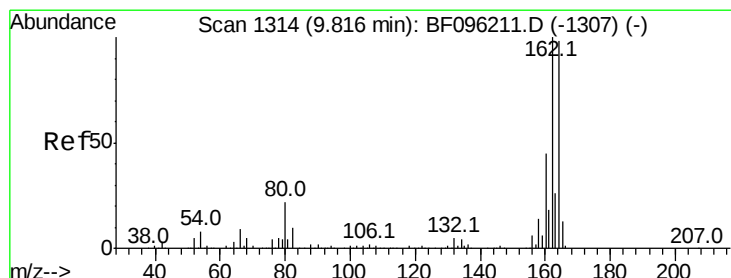
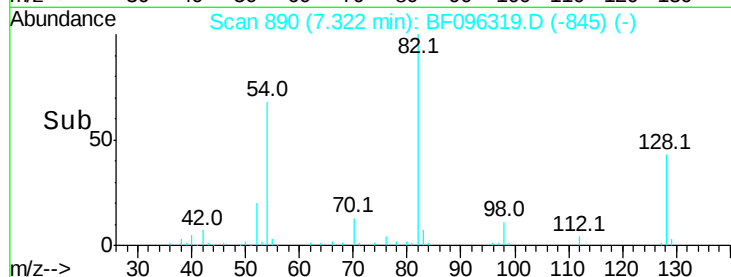
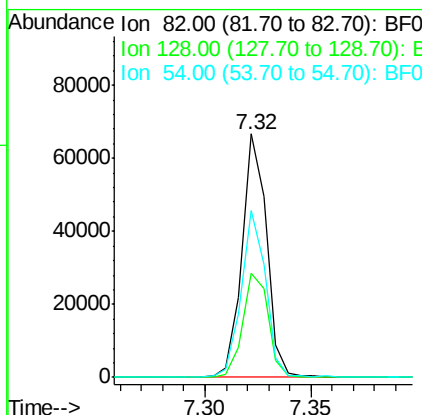
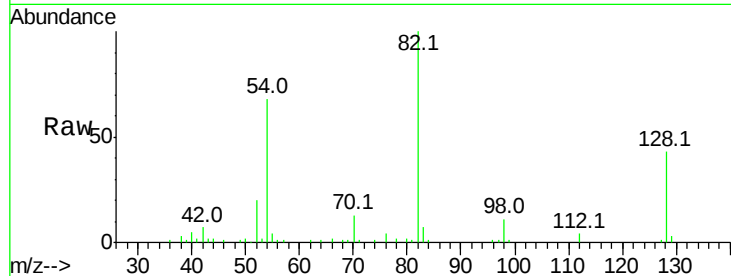
#23
 Nitrobenzene-d5
 Concen: 6.46 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096319.D
 Acq: 30 Jun 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :
 G41-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	42.6	34.0	51.0
54	68.3	42.2	63.2

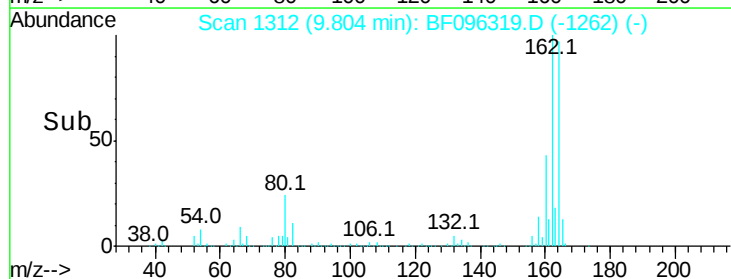
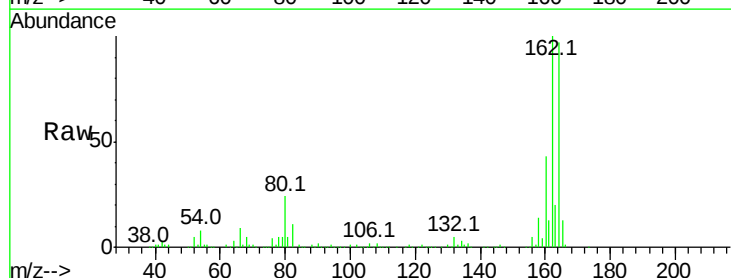
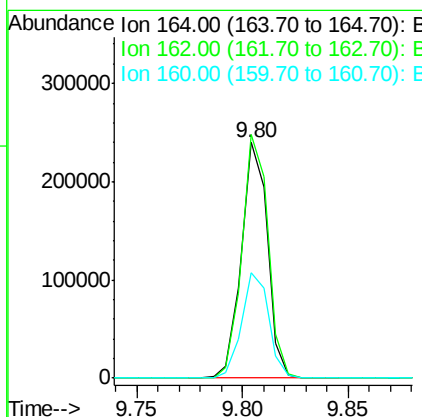
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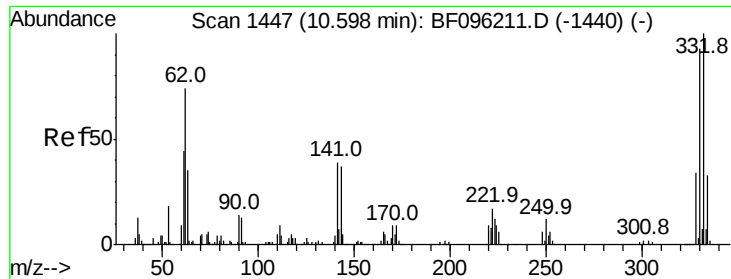
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096319.D
 Acq: 30 Jun 2017 3:55

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	103.2	82.6	123.8
160	44.8	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 10.07 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096319.D

Acq: 30 Jun 2017 3:55

Instrument :

BNA_F

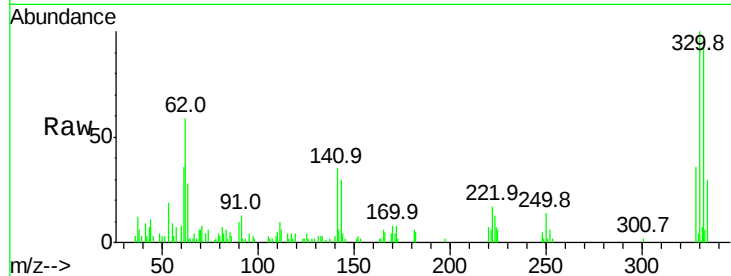
ClientSampled :

G41-1.5-3

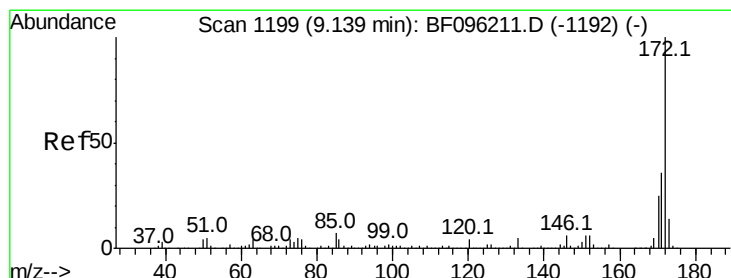
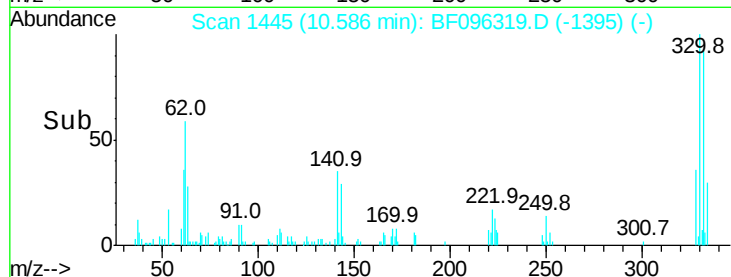
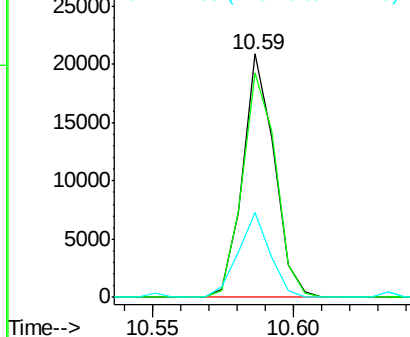
Tot Ion:	330	Resp:	16158
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.6	115.0
141	34.8	31.4	47.2

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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: 9.26 ng

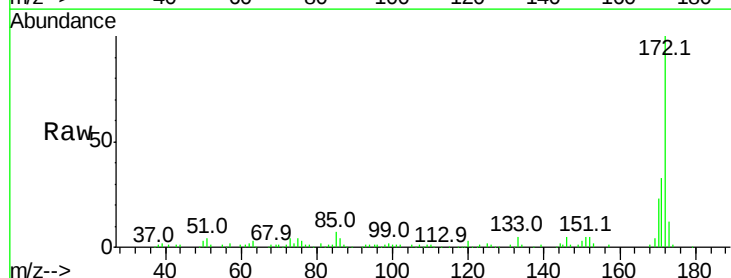
RT: 9.13 min Scan# 1197

Delta R.T. -0.02 min

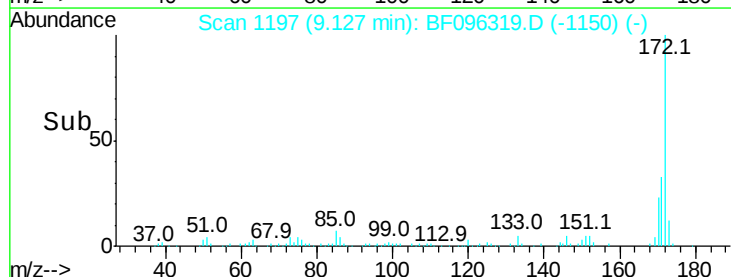
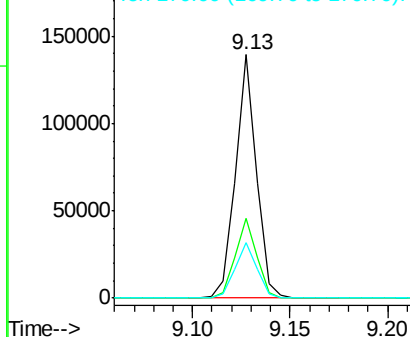
Lab File: BF096319.D

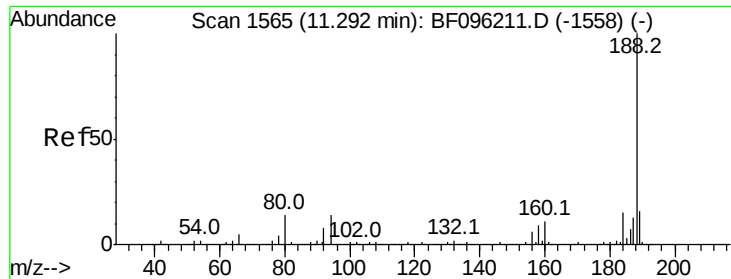
Acq: 30 Jun 2017 3:55

Tgt Ion:	172	Resp:	103093
Ion Ratio	Lower	Upper	
172	100		
171	33.0	29.6	44.4
170	22.7	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





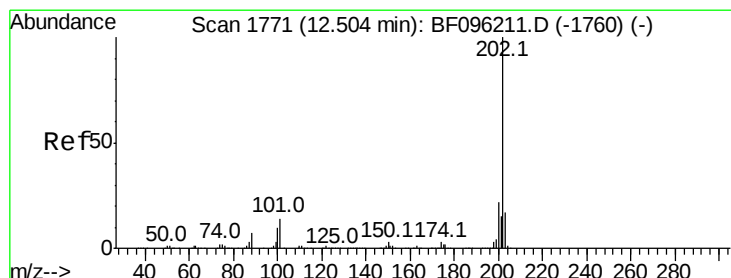
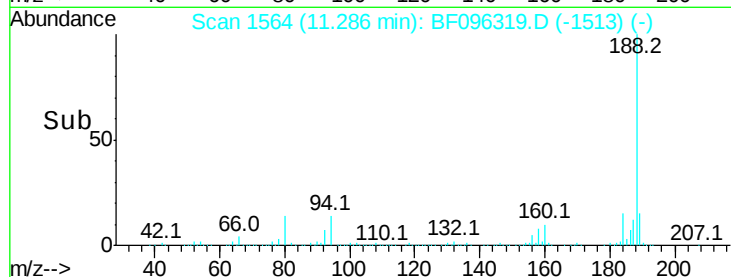
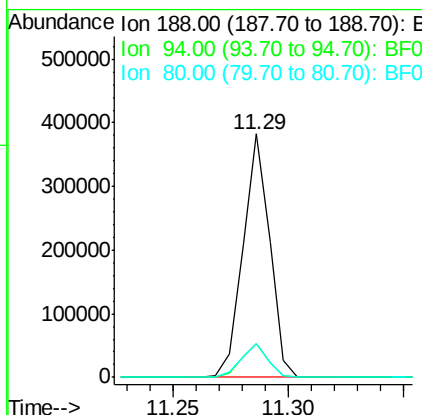
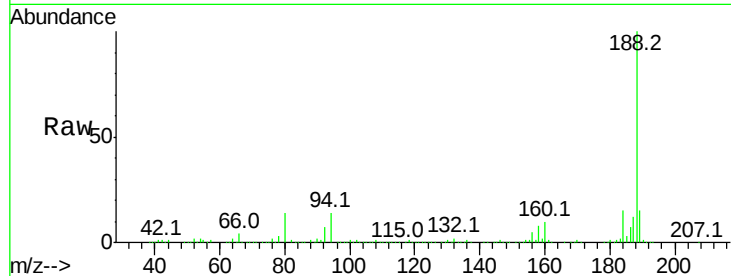
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096319.D
Acq: 30 Jun 2017 3:55

Instrument :
BNA_F
ClientSampleId :
G41-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	307780		
94	13.7		9.4	14.2
80	13.6		10.2	15.2

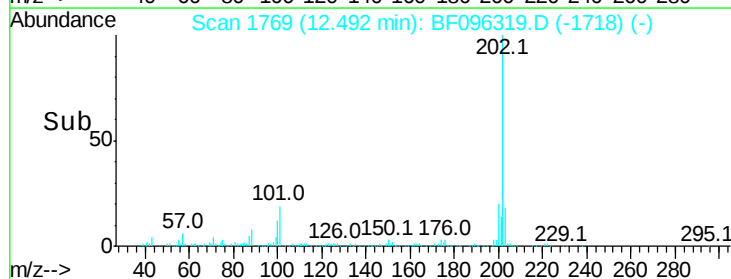
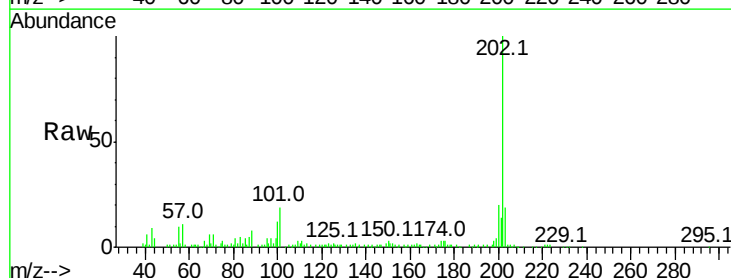
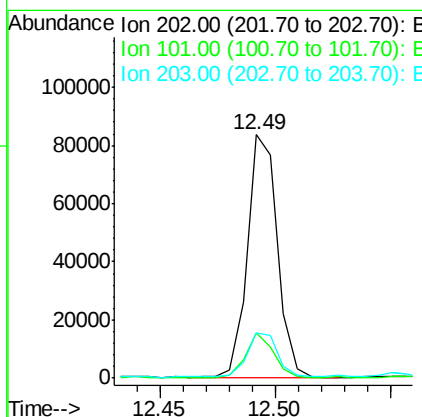
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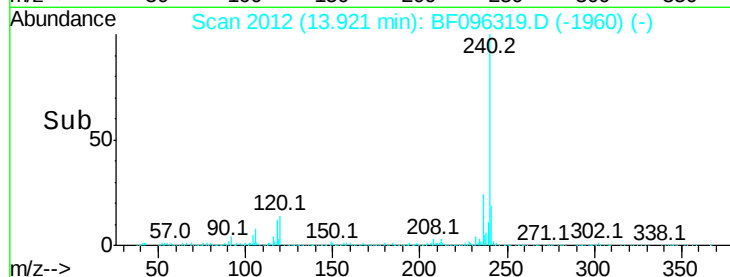
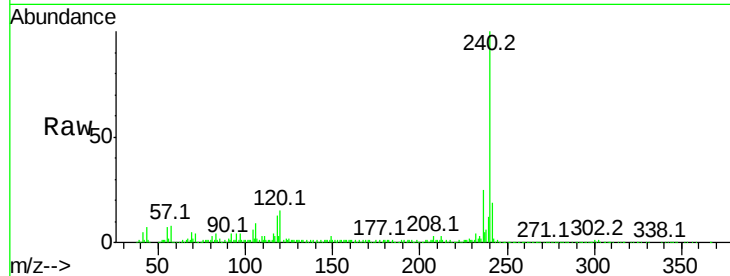
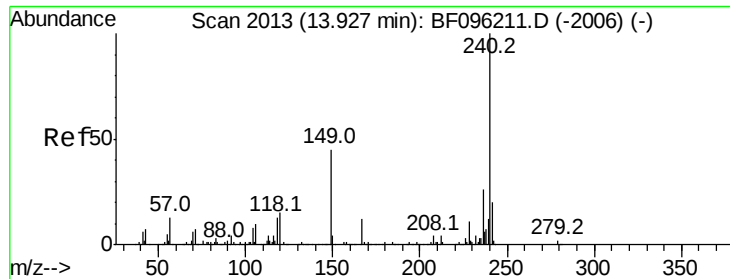
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#74
Fluoranthene
Concen: 4.45 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF096319.D
Acq: 30 Jun 2017 3:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	76156		
101	18.5		0.0	33.2
203	18.7		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096319.D

Acq: 30 Jun 2017 3:55

Instrument :

BNA_F

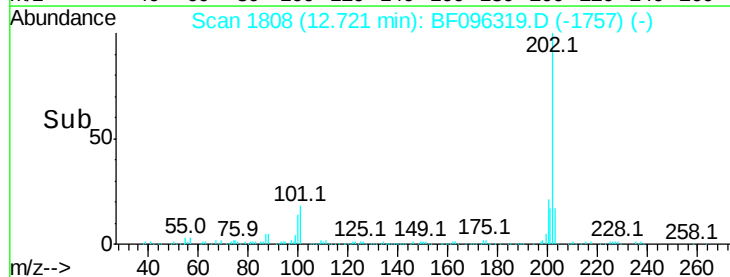
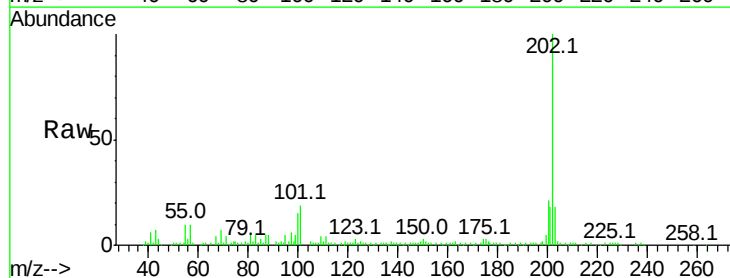
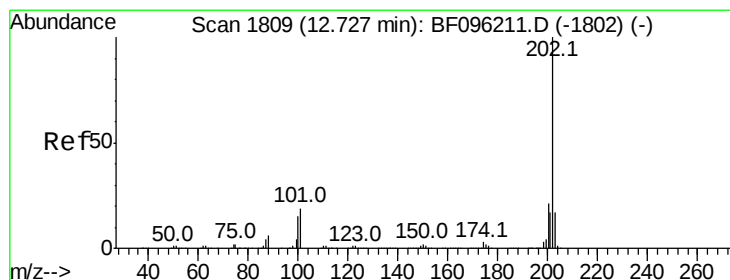
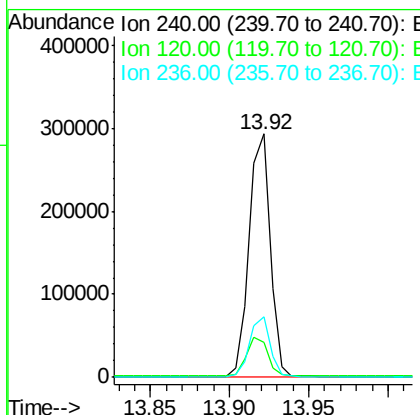
ClientSampleId :

G41-1.5-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	24.7	20.5	30.7

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#77

Pyrene

Concen: 3.25 ng

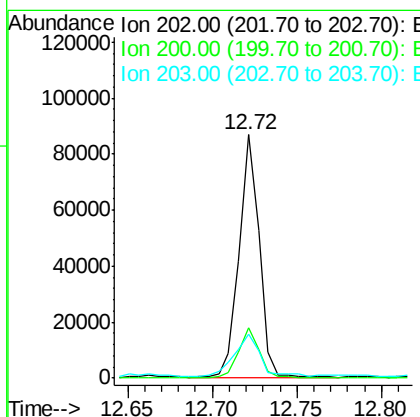
RT: 12.72 min Scan# 1808

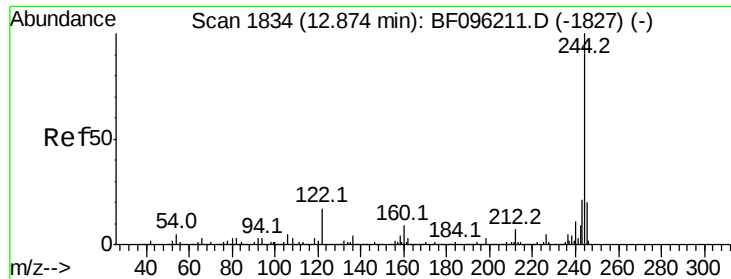
Delta R.T. -0.00 min

Lab File: BF096319.D

Acq: 30 Jun 2017 3:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.9	14.4	21.6





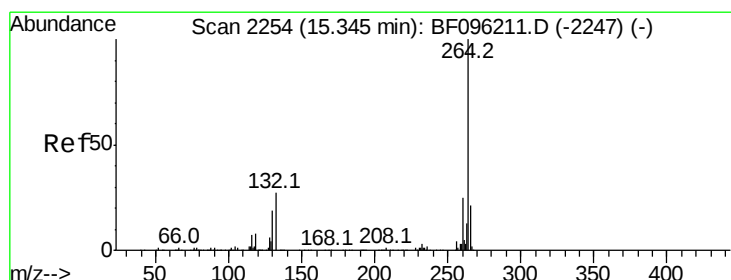
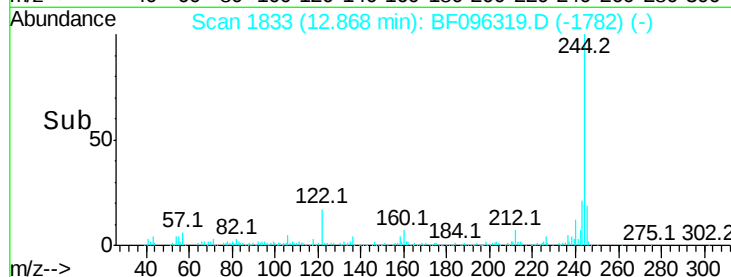
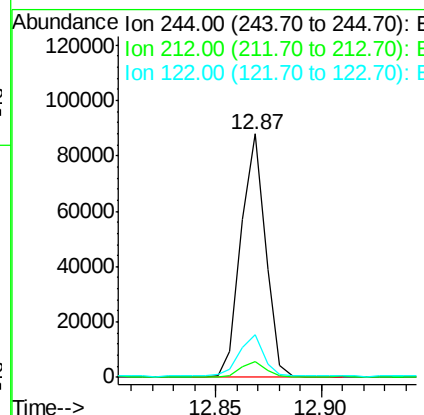
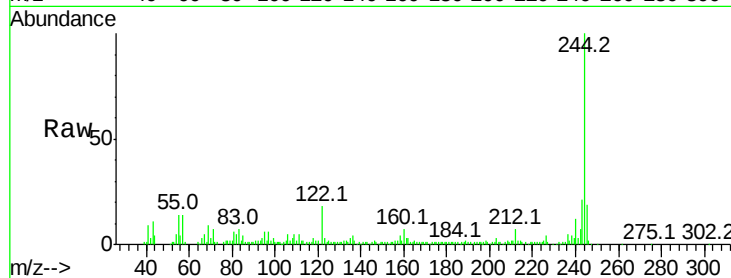
#78
 Terphenyl-d14
 Concen: 6.40 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF096319.D
 Acq: 30 Jun 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :
 G41-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	17.5	10.3	15.5

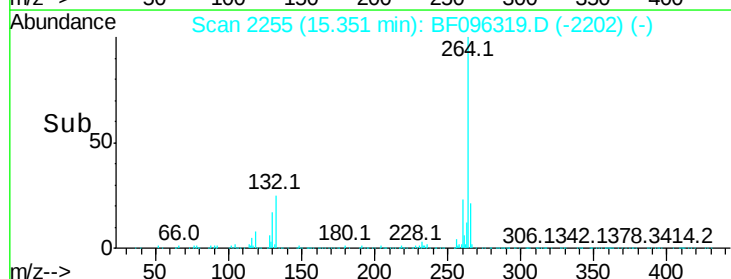
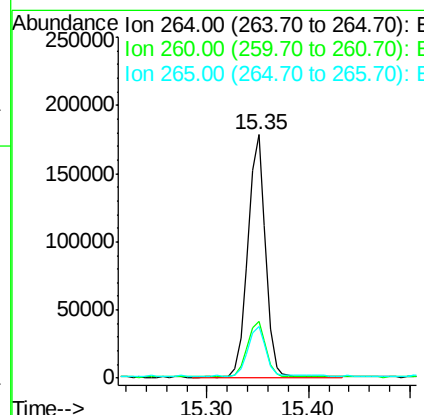
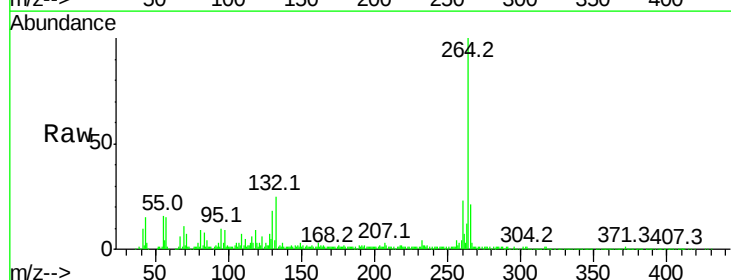
Manual Integrations
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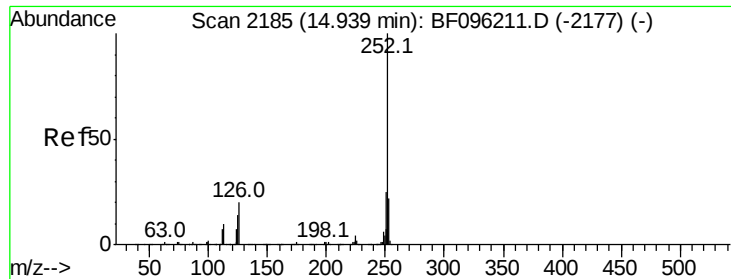
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: BF096319.D
 Acq: 30 Jun 2017 3:55

Tgt 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: 2.65 ng m
 RT: 14.94 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BF096319.D
 Acq: 30 Jun 2017 3:55

Instrument :
 BNA_F
 ClientSampleId :
 G41-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.2	18.1	27.1#
125	37.0	9.8	14.8#

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:52:33 PM

