

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096309.D
 Acq On : 29 Jun 2017 23:20
 Operator : SJ/MA
 Sample : I3882-08 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G43-1.5-3

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:52:13 PM

Quant Time: Jun 30 03:47:16 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	153748	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	596825	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	215281	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	318472	20.00	ng	0.00
75) Chrysene-d12	13.92	240	309972	20.00	ng	0.00
86) Perylene-d12	15.34	264	216422	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	118267	11.08	ng	0.00
7) Phenol-d6	6.39	99	142180	11.00	ng	0.00
23) Nitrobenzene-d5	7.32	82	72186	8.37	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	19946	11.77	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	128518	10.93	ng	-0.02
78) Terphenyl-d14	12.87	244	84831	6.83	ng	0.00
Target Compounds						
74) Fluoranthene	12.49	202	54168	3.06	ng	96
77) Pyrene	12.72	202	51025	2.00	ng	98
87) Benzo(b)fluoranthene	14.93	252	31336m	2.20	ng	

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

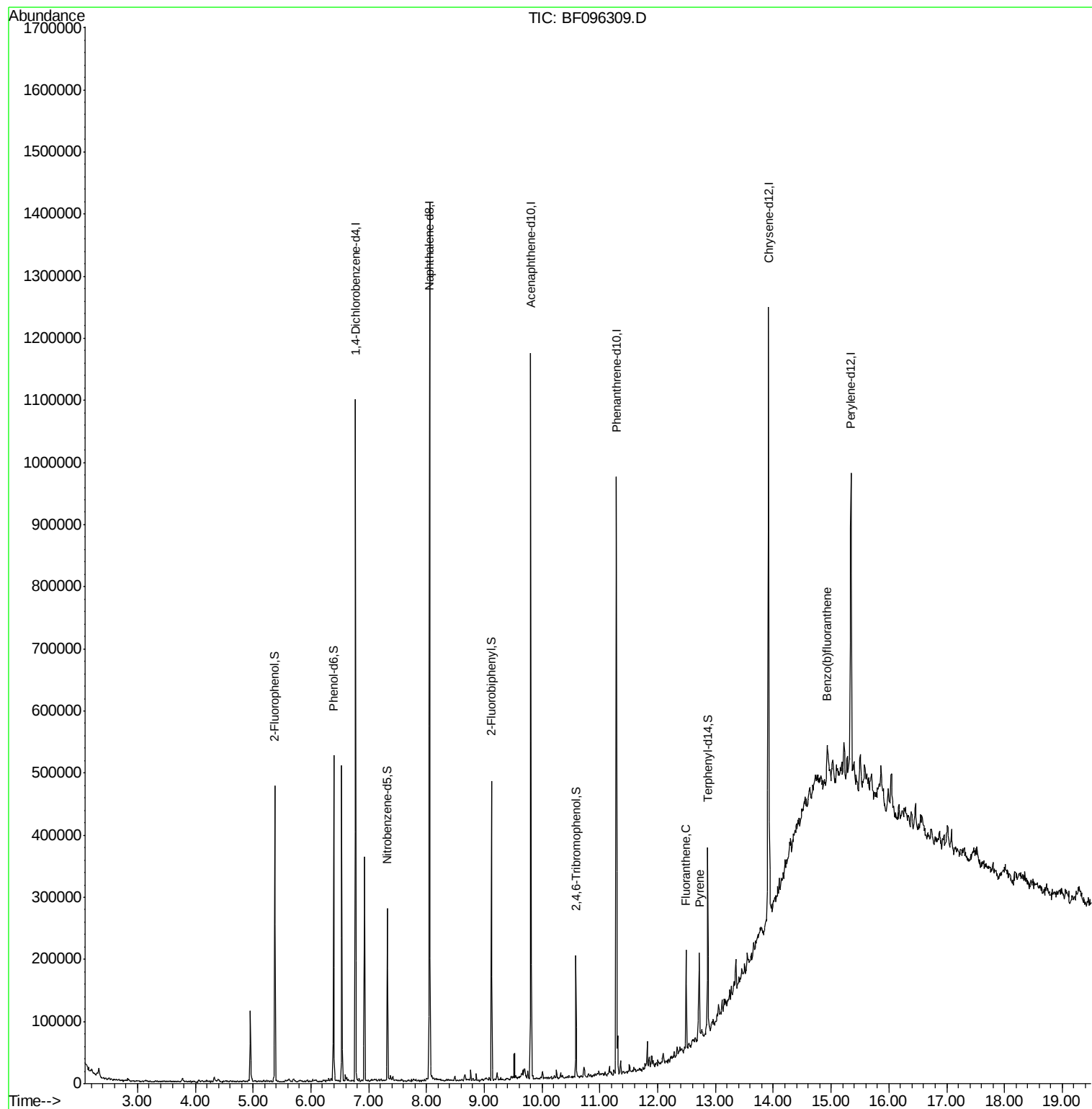
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096309.D
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ALS Vial : 15 Sample Multiplier: 1

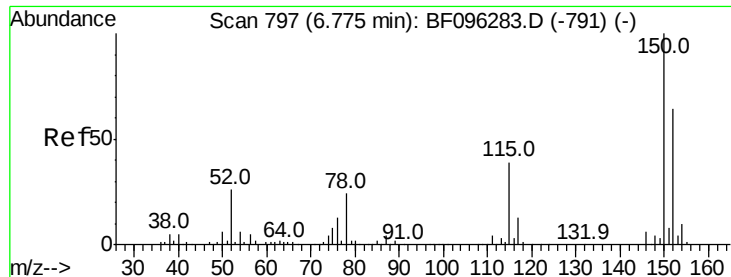
Instrument :
BNA_F
ClientSampleId :
G43-1.5-3

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#1

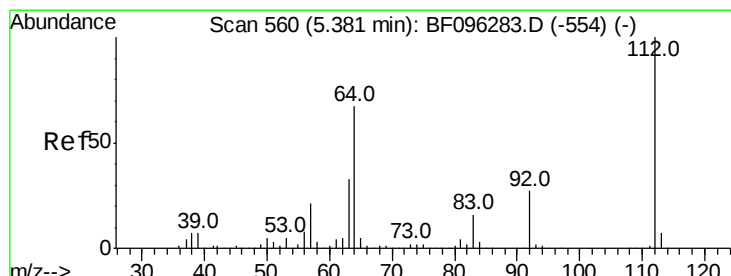
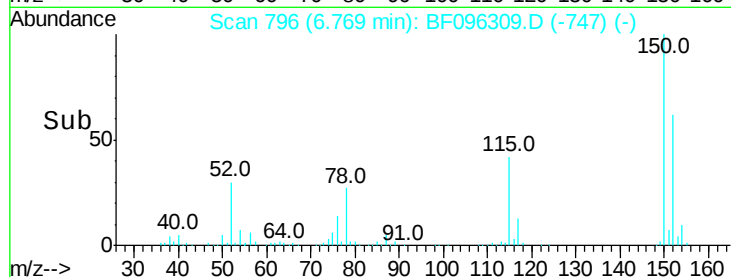
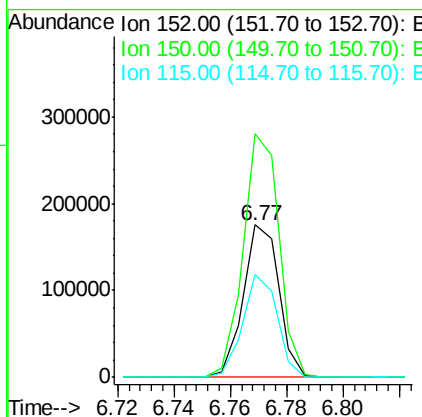
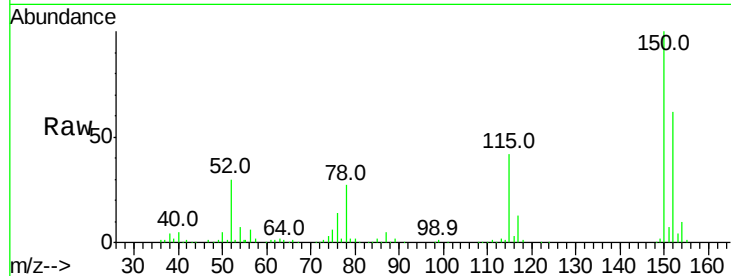
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096309.D
Acq: 29 Jun 2017 23:20

Instrument :
BNA_F
ClientSampleId :
G43-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.2	189.2
115	67.3	52.2	78.2

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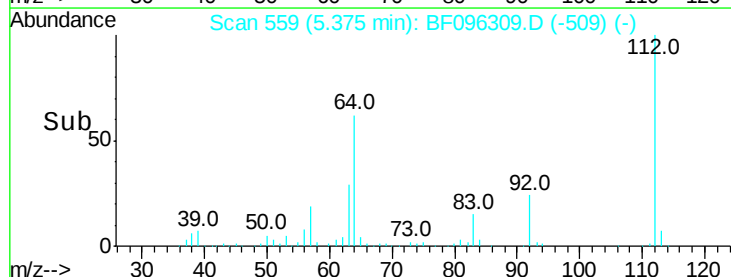
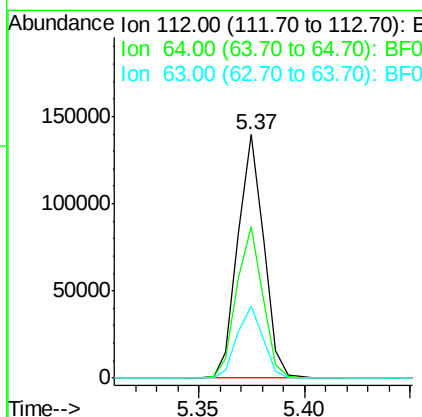
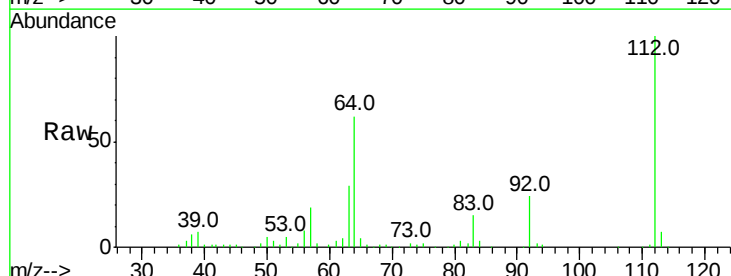
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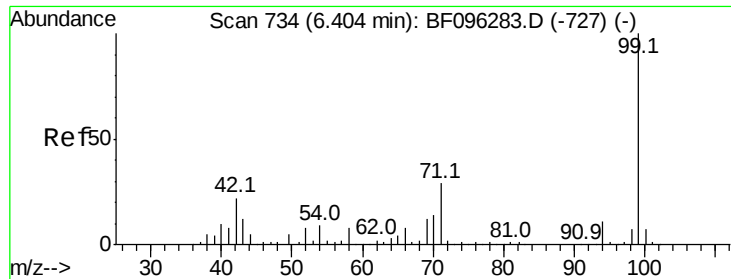


#5

2-Fluorophenol
Concen: 11.08 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096309.D
Acq: 29 Jun 2017 23:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	46.0	69.0
63	29.4	23.4	35.0





#7

Phenol-d6

Concen: 11.00 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096309.D

Acq: 29 Jun 2017 23:20

Instrument :

BNA_F

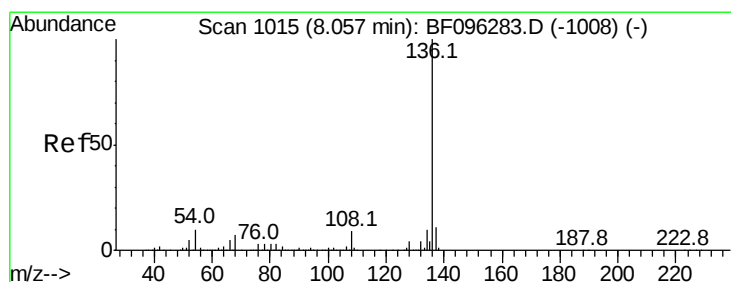
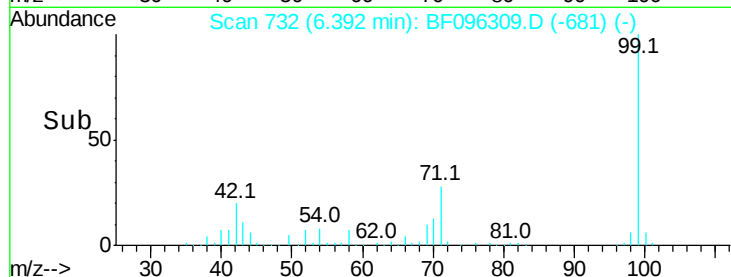
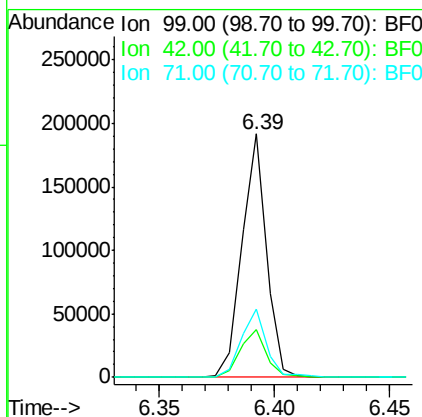
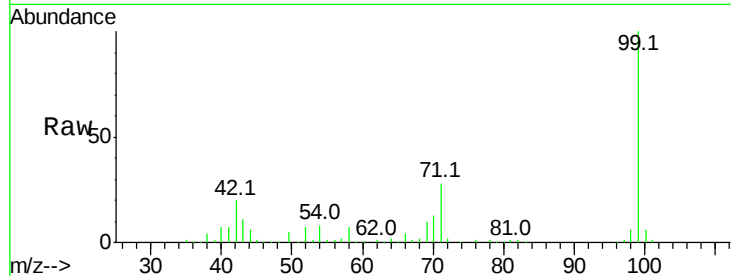
ClientSampled :

G43-1.5-3

Tot Ion:	99	Resp:	142180
Ion Ratio	Lower	Upper	
99	100		
42	19.7	13.5	20.3
71	28.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

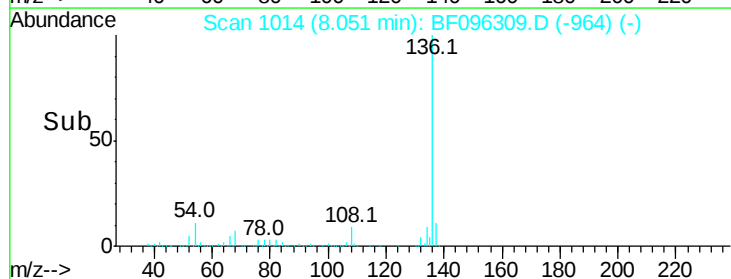
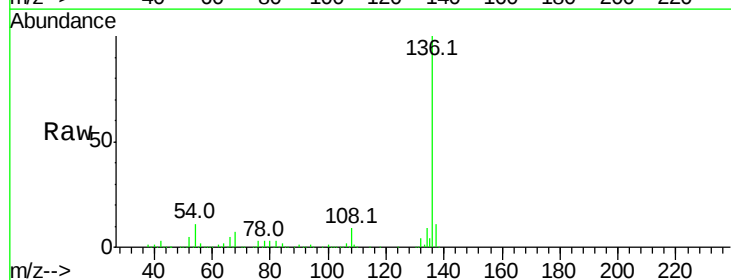
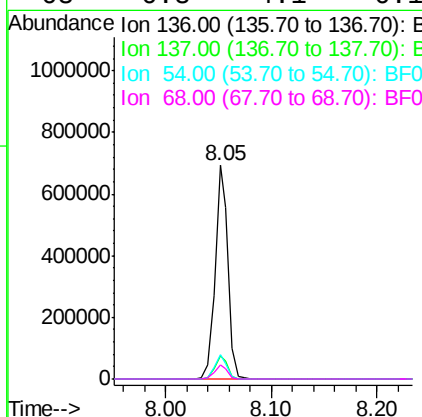
RT: 8.05 min Scan# 1014

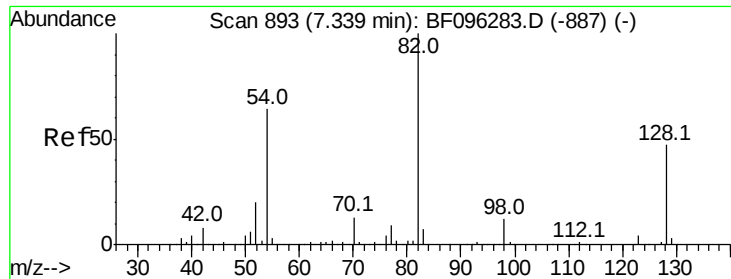
Delta R.T. -0.01 min

Lab File: BF096309.D

Acq: 29 Jun 2017 23:20

Tgt Ion:	136	Resp:	596825
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	11.4	4.9	7.3#
68	6.8	4.1	6.1#





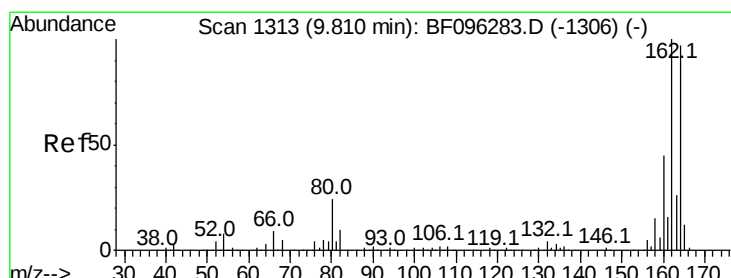
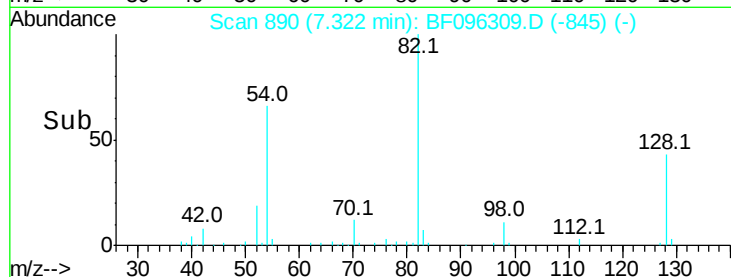
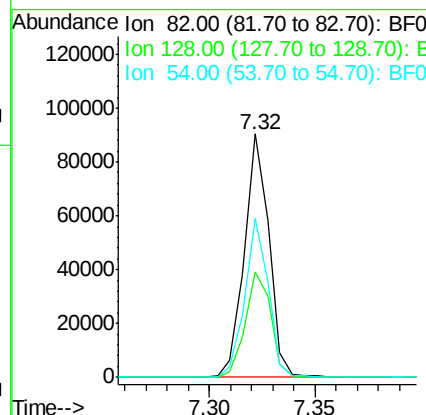
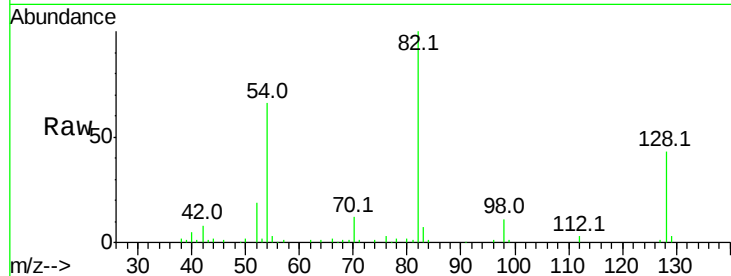
#23
Nitrobenzene-d5
Concen: 8.37 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096309.D
Acq: 29 Jun 2017 23:20

Instrument :
BNA_F
ClientSampleId :
G43-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	65.5	42.2	63.2

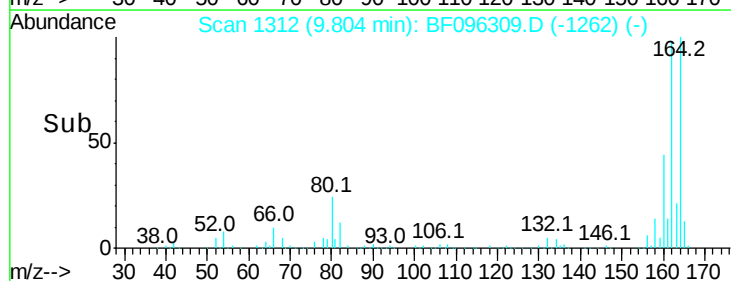
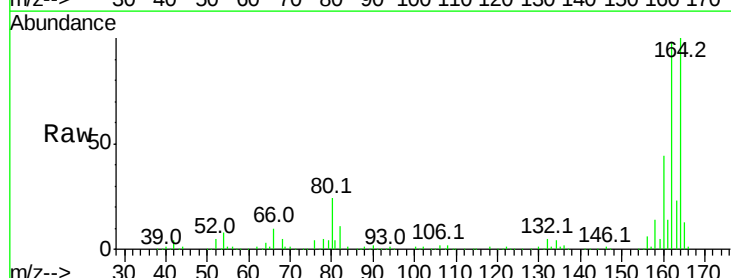
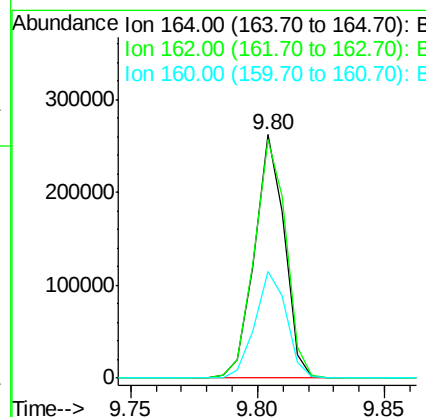
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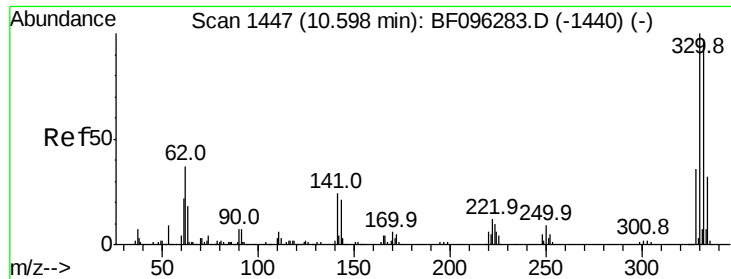
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096309.D
Acq: 29 Jun 2017 23:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.6	123.8
160	43.9	36.2	54.2





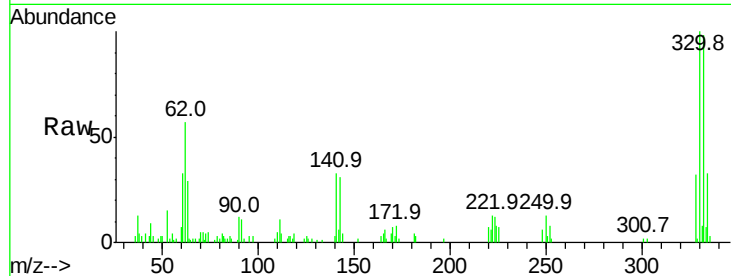
#41
 2,4,6-Tribromophenol
 Concen: 11.77 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096309.D
 Acq: 29 Jun 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 G43-1.5-3

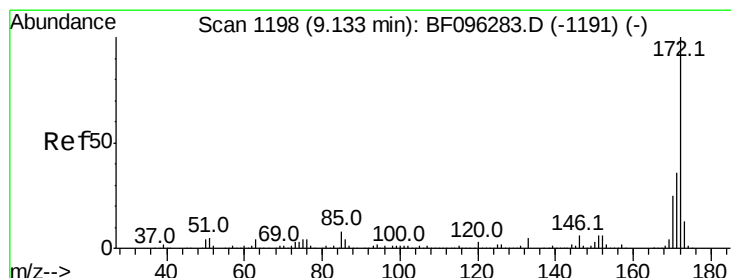
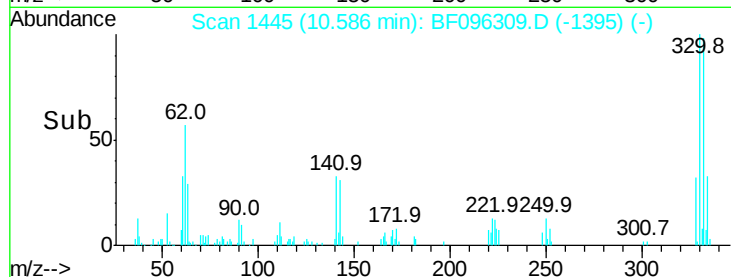
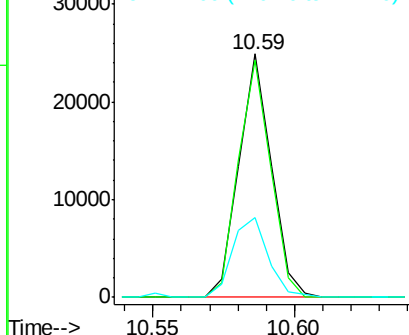
Tot Ion	Ratio	Resp	Lower	Upper
330	100	19946		
332	96.6	76.6	115.0	
141	36.5	31.4	47.2	

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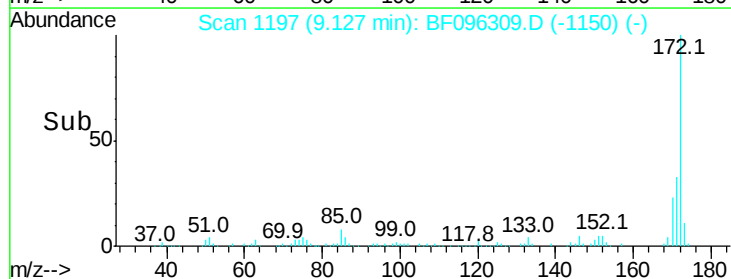
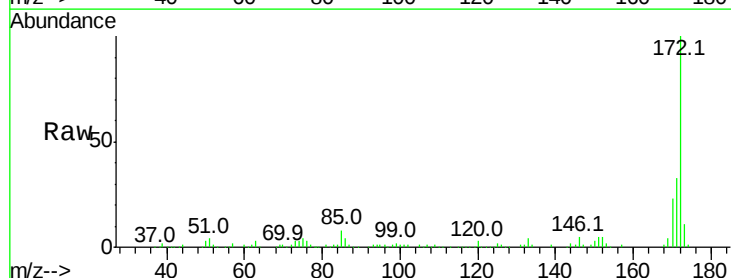
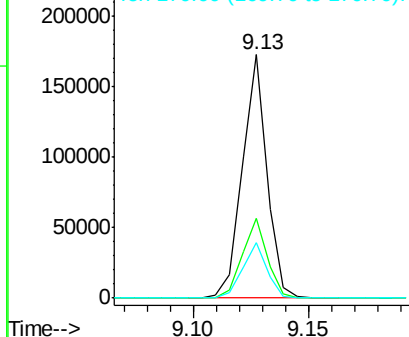
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

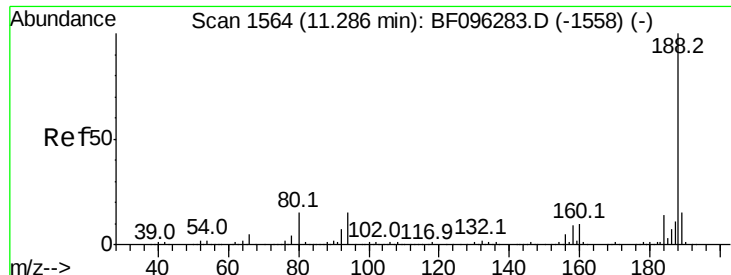


#44
 2-Fluorobiphenyl
 Concen: 10.93 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096309.D
 Acq: 29 Jun 2017 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	128518		
171	32.7	29.6	44.4	
170	22.6	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





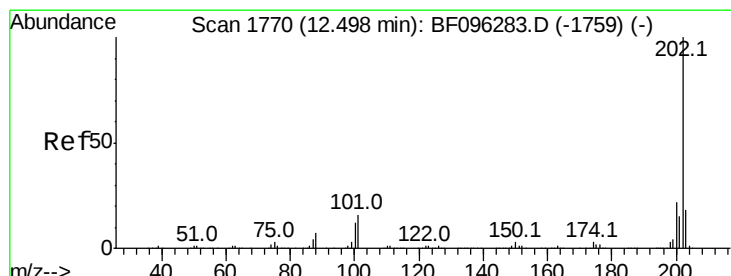
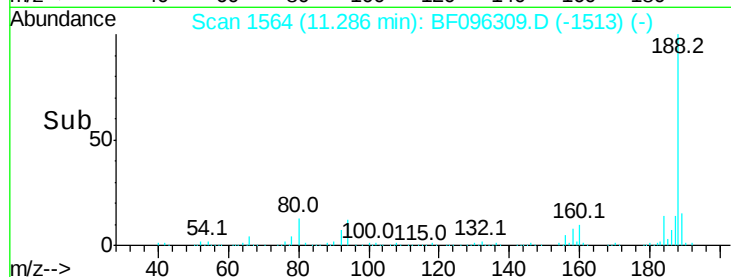
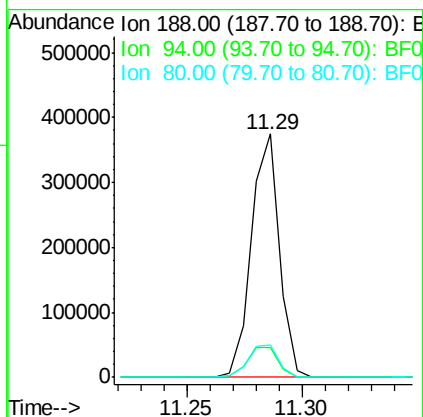
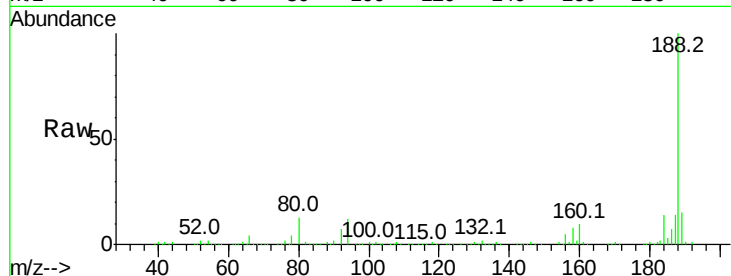
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096309.D
Acq: 29 Jun 2017 23:20

Instrument :
BNA_F
ClientSampled :
G43-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.1	10.2	15.2

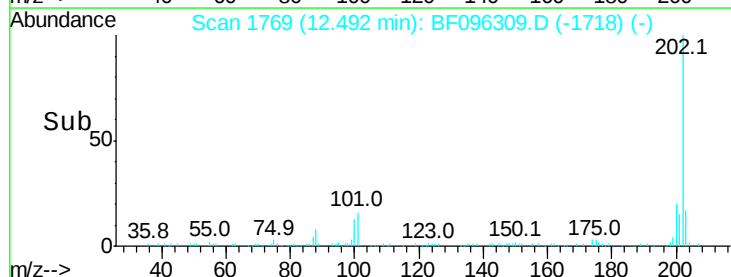
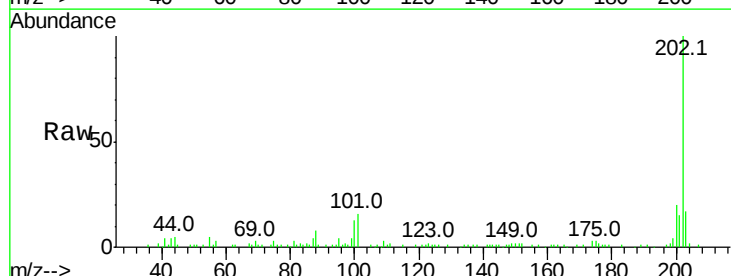
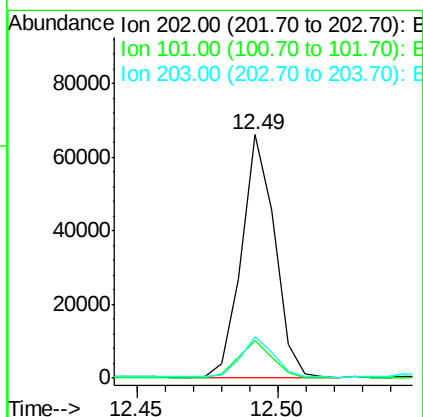
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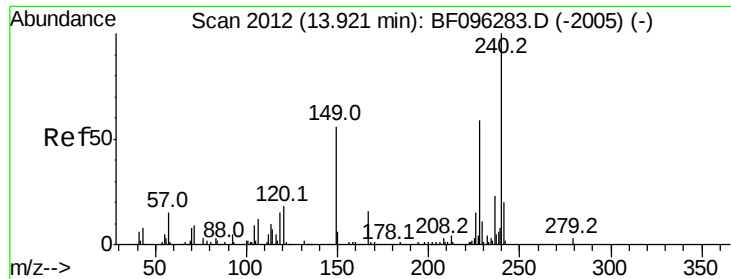
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#74
Fluoranthene
Concen: 3.06 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF096309.D
Acq: 29 Jun 2017 23:20

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	15.6	0.0	33.2
203	16.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096309.D

Acq: 29 Jun 2017 23:20

Instrument :

BNA_F

ClientSampleId :

G43-1.5-3

Tot Ion:240 Resp: 309972

Ion Ratio Lower Upper

240 100

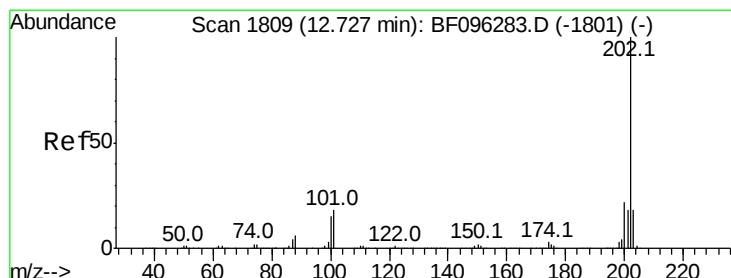
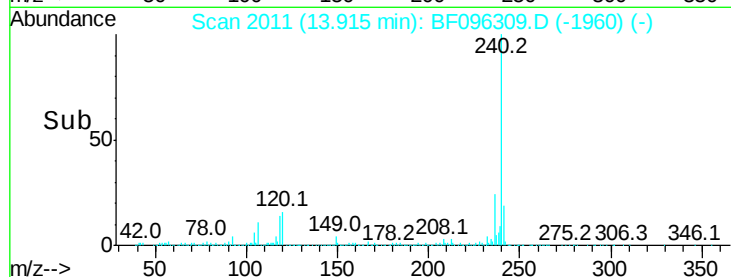
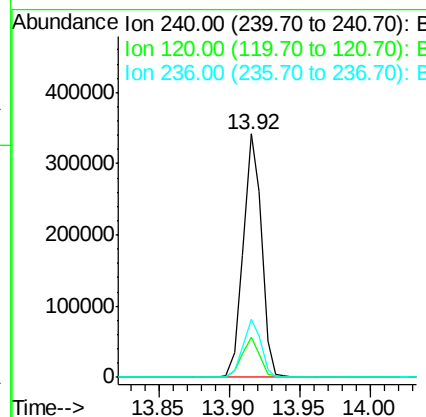
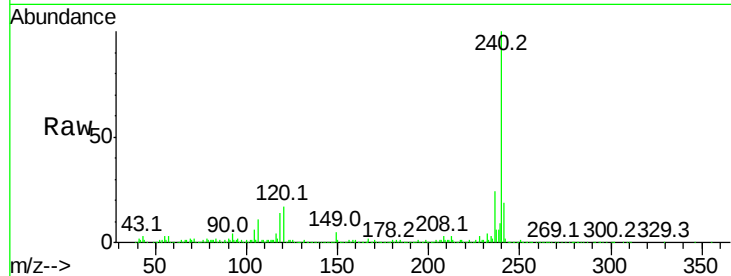
120 16.6 5.8 8.8#

236 23.7 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 2.00 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF096309.D

Acq: 29 Jun 2017 23:20

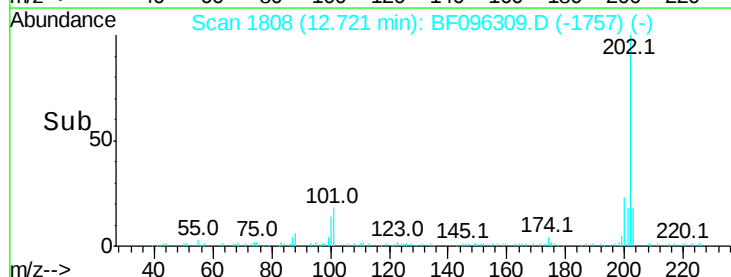
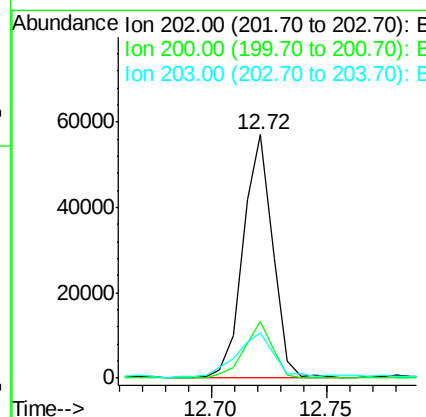
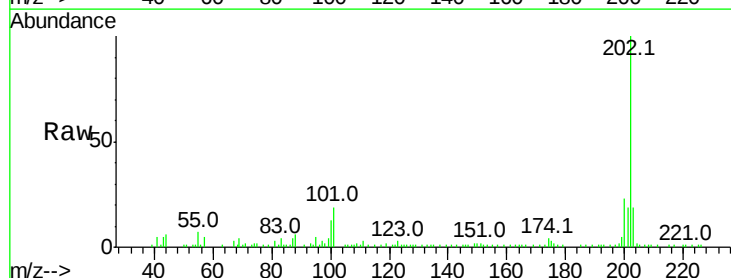
Tgt Ion:202 Resp: 51025

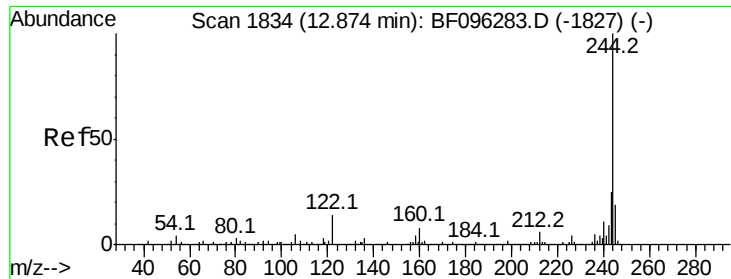
Ion Ratio Lower Upper

202 100

200 23.3 17.6 26.4

203 18.6 14.4 21.6





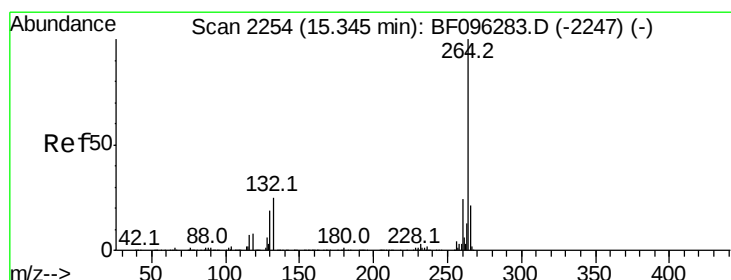
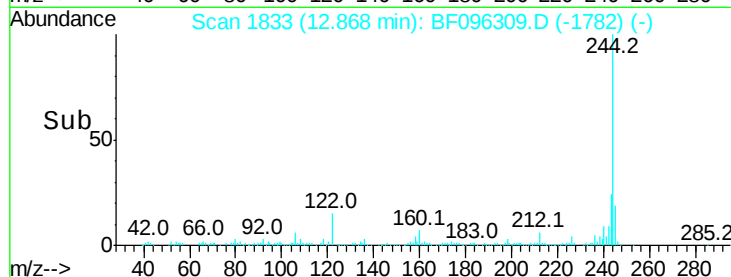
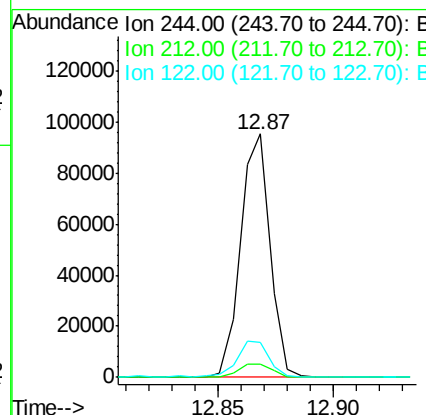
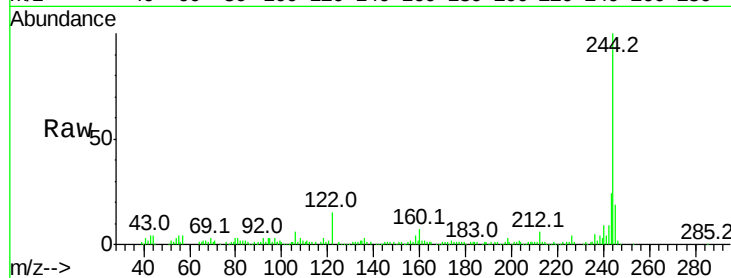
#78
 Terphenyl-d14
 Concen: 6.83 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF096309.D
 Acq: 29 Jun 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 G43-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.5	6.0	9.0#
122	14.6	10.3	15.5

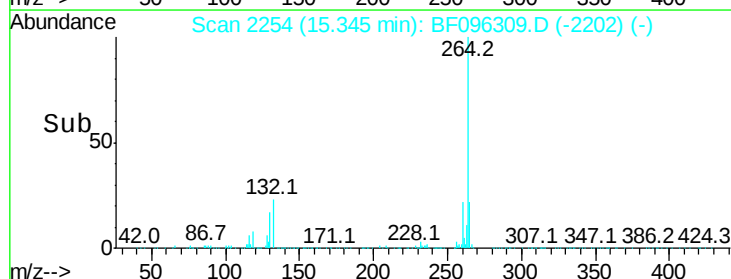
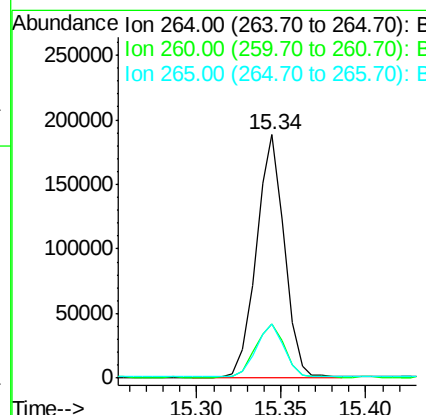
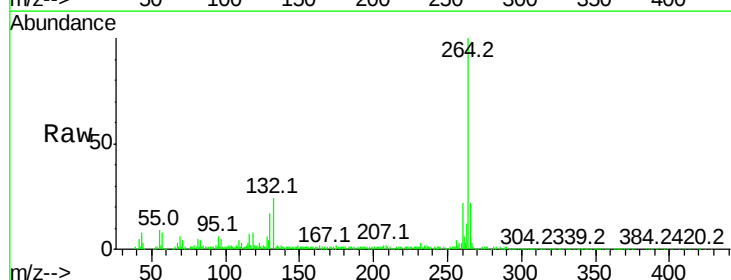
Manual Integrations
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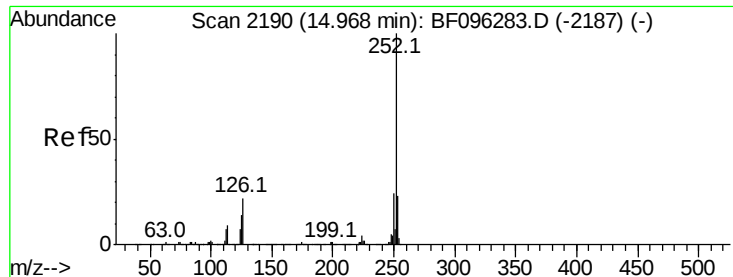
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BF096309.D
 Acq: 29 Jun 2017 23:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	22.1	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.20 ng m
 RT: 14.93 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: BF096309.D
 Acq: 29 Jun 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 G43-1.5-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	18.1	27.1#
125	27.5	9.8	14.8#

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:52:13 PM

