

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
 Data File : BF096089.D
 Acq On : 21 Jun 2017 17:42
 Operator : SJ/MA
 Sample : I3736-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G21-1.5-3

Manual Integrations
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Quant Time: Jun 22 01:19:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	72103	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	298526	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	136778	20.00	ng	-0.01
63) Phenanthrene-d10	14.53	188	226727	20.00	ng	0.00
75) Chrysene-d12	18.27	240	156671	20.00	ng	0.00
86) Perylene-d12	19.94	264	142564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	596844	131.90	ng	0.00
7) Phenol-d6	6.87	99	775810	143.21	ng	0.00
23) Nitrobenzene-d5	8.21	82	458482	95.38	ng	-0.01
41) 2,4,6-Tribromophenol	13.44	330	130232	107.61	ng	-0.01
44) 2-Fluorobiphenyl	11.10	172	708352	72.07	ng	0.00
78) Terphenyl-d14	16.92	244	423571	67.10	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	11.80	163	92744	8.93	ng	99
74) Fluoranthene	16.37	202	34372	2.65	ng	99
77) Pyrene	16.67	202	35229	3.01	ng	# 93
80) Benzo(a)anthracene	18.26	228	19699	2.16	ng	93
82) Chrysene	18.30	228	21157	2.32	ng	# 93
87) Benzo(b)fluoranthene	19.54	252	30343m	3.40	ng	
89) Benzo(a)pyrene	19.89	252	19226	2.34	ng	# 92

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

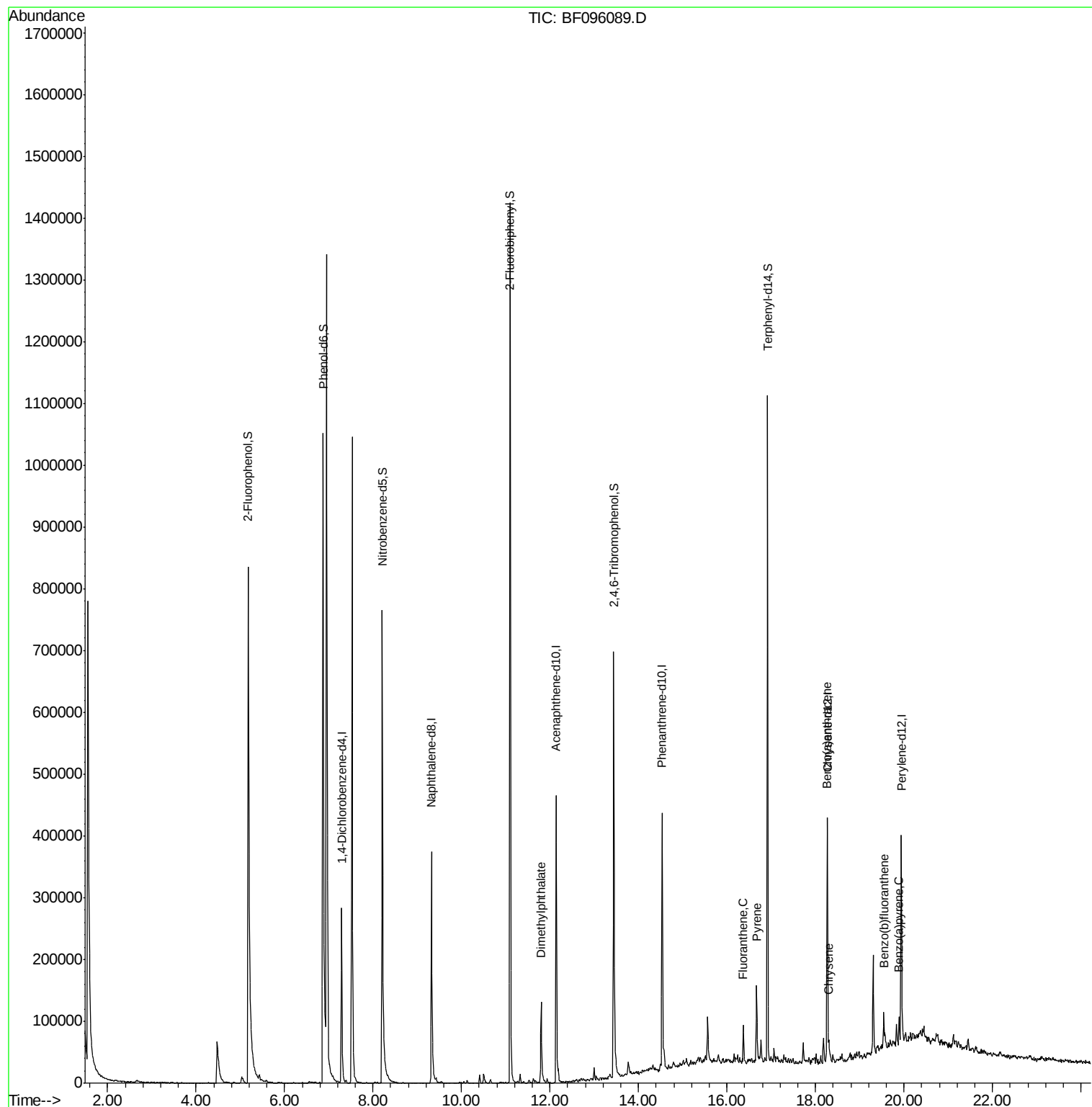
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096089.D
Acq On : 21 Jun 2017 17:42
Operator : SJ/MA
Sample : I3736-12
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ALS Vial : 10 Sample Multiplier: 1

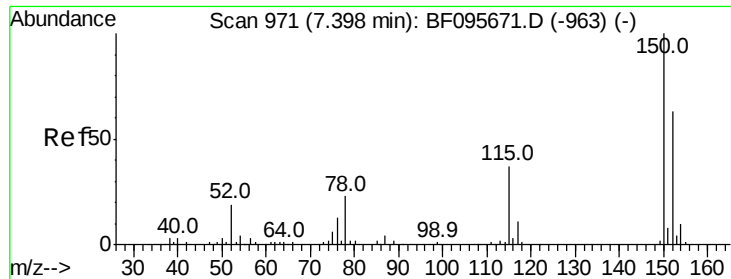
Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

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Quant Time: Jun 22 01:19:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

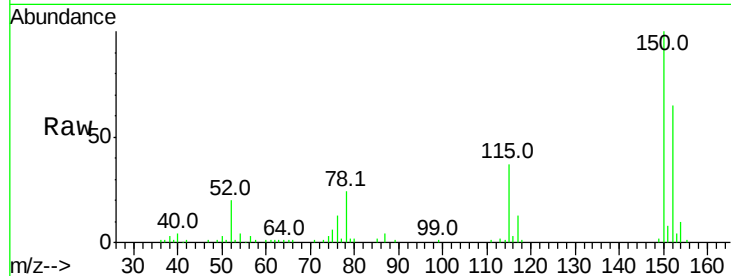
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampled :
G21-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.2	189.2
115	56.1	52.2	78.2

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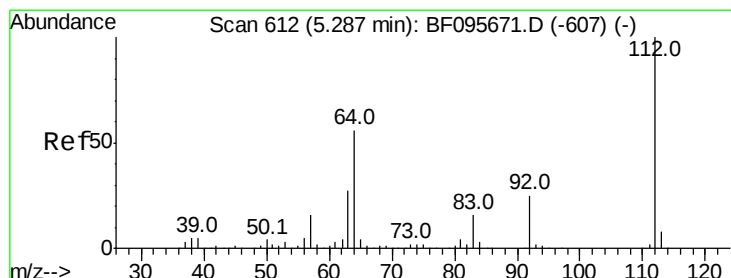
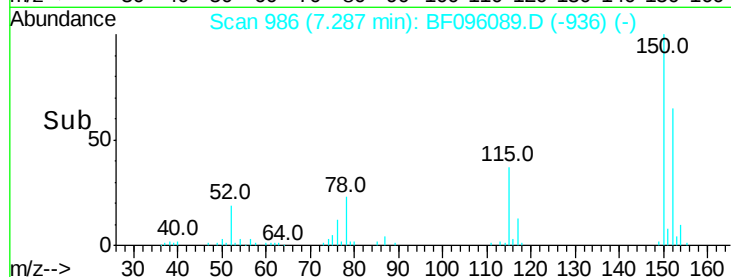
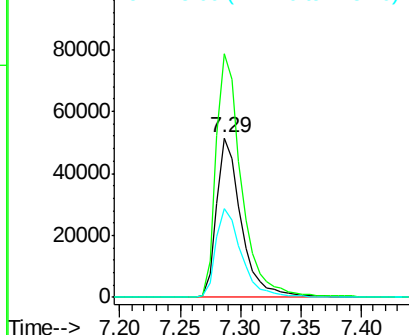


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

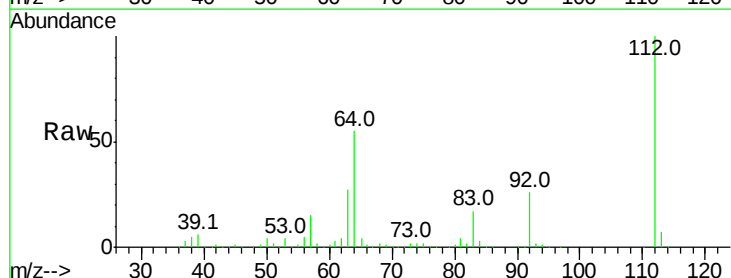
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.90 ng
RT: 5.18 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	27.0	23.4	35.0

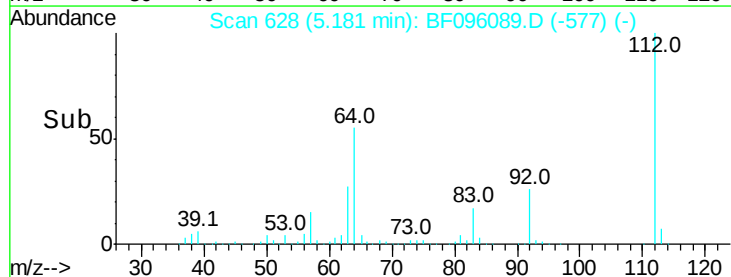
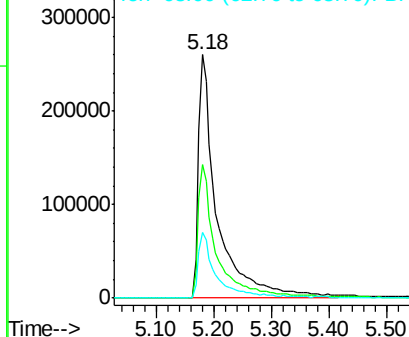


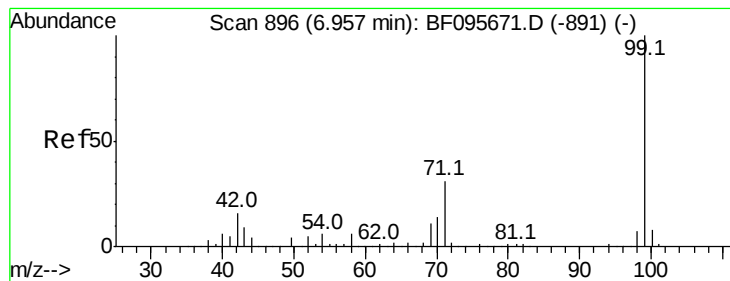
Abundance

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: 143.21 ng

RT: 6.87 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF096089.D

Acq: 21 Jun 2017 17:42

Instrument :

BNA_F

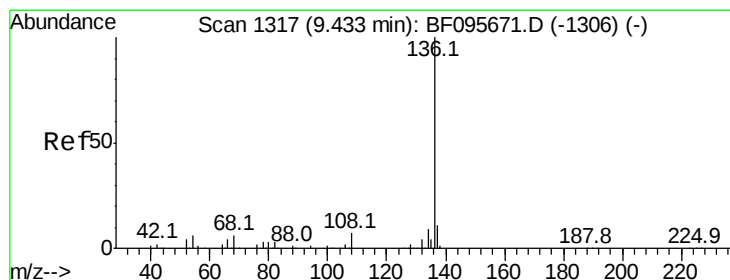
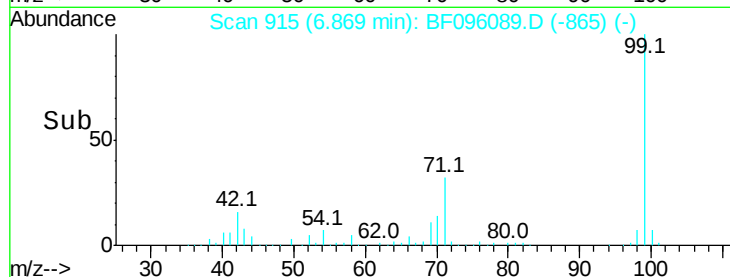
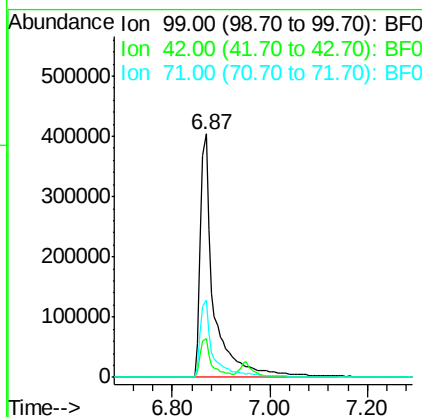
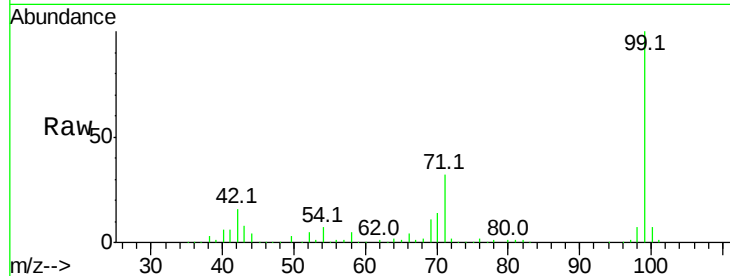
ClientSampled :

G21-1.5-3

Tot Ion:	99	Resp:	775810
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	31.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

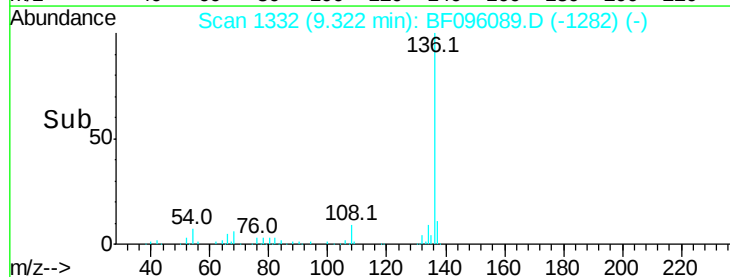
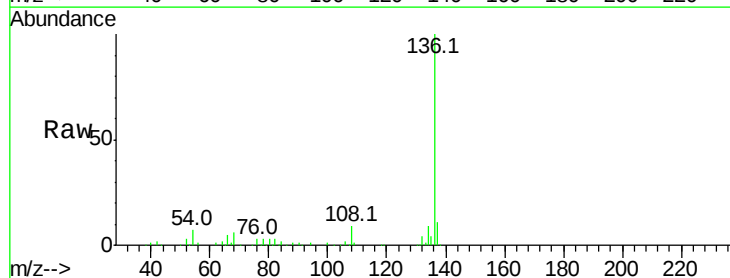
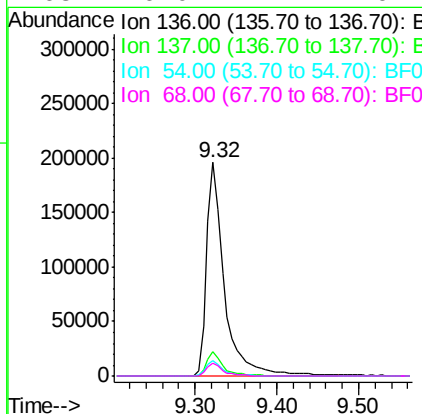
RT: 9.32 min Scan# 1332

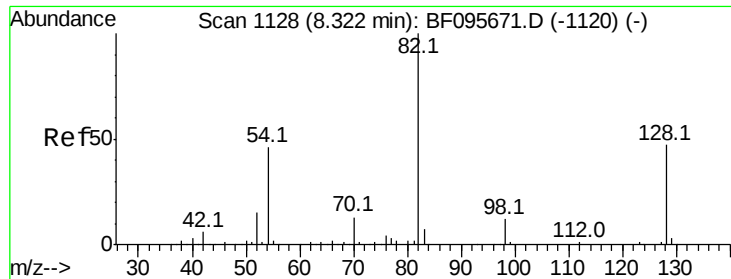
Delta R.T. -0.01 min

Lab File: BF096089.D

Acq: 21 Jun 2017 17:42

Tgt Ion:	136	Resp:	298526
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	6.0	4.1	6.1





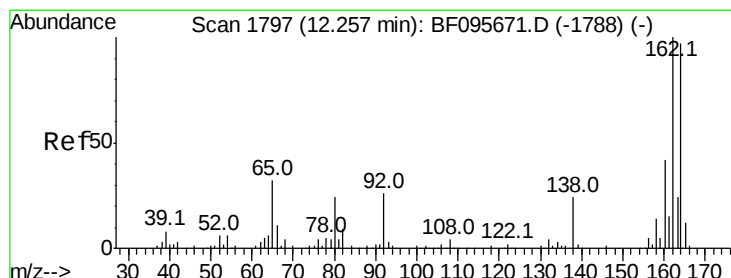
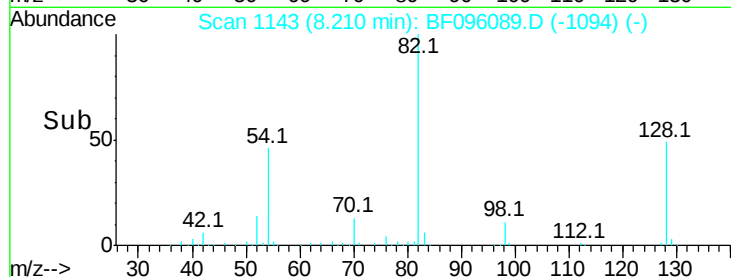
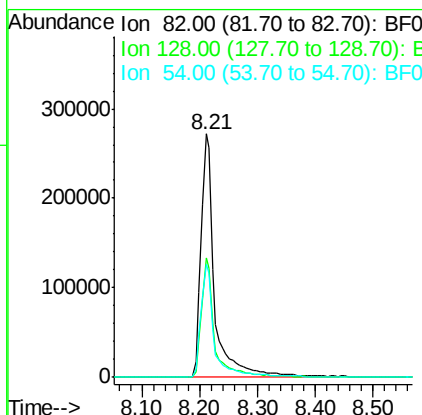
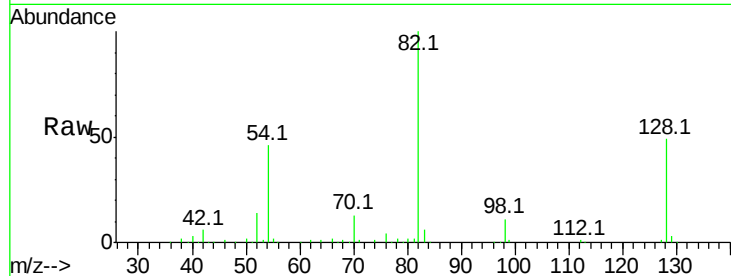
#23
 Nitrobenzene-d5
 Concen: 95.38 ng
 RT: 8.21 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF096089.D
 Acq: 21 Jun 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 G21-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.9	34.0	51.0	
54	46.5	42.2	63.2	

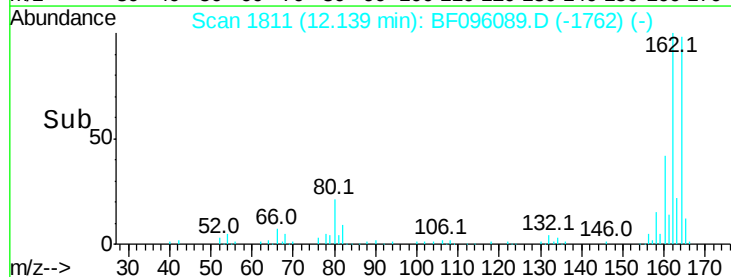
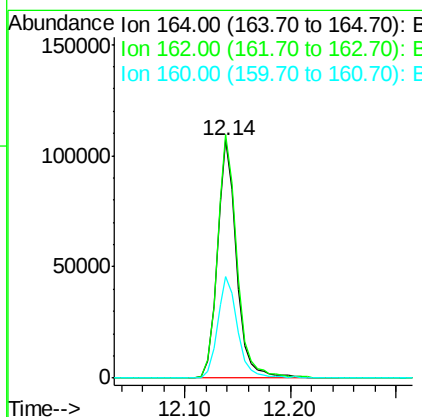
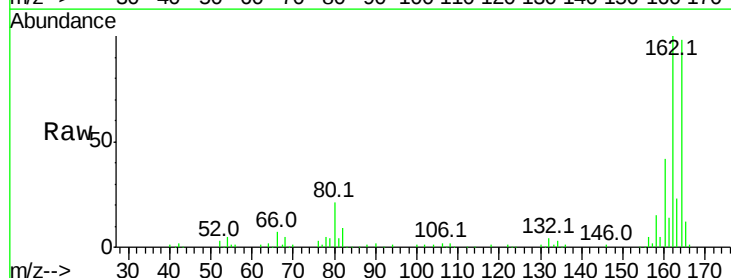
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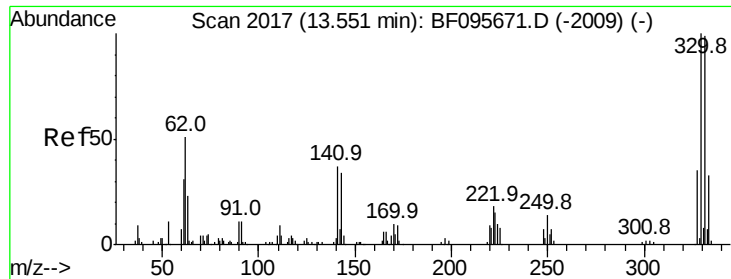
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.14 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BF096089.D
 Acq: 21 Jun 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.1	82.6	123.8	
160	42.7	36.2	54.2	





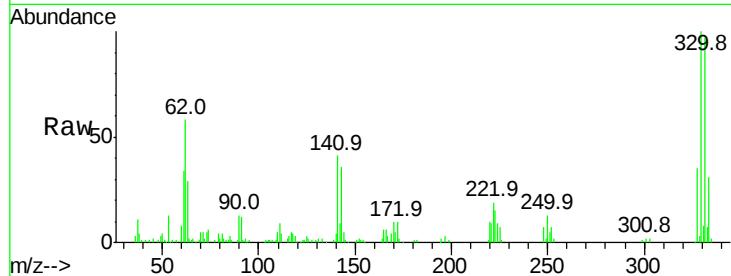
#41
2,4,6-Tribromophenol
Concen: 107.61 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampled :
G21-1.5-3

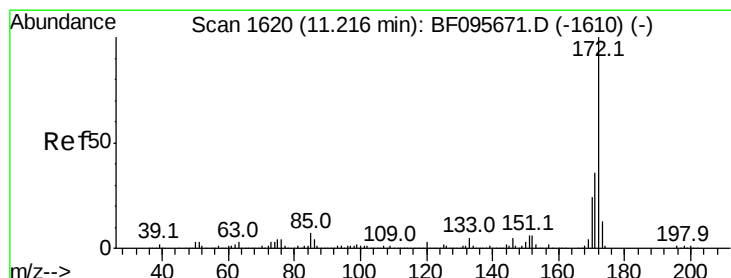
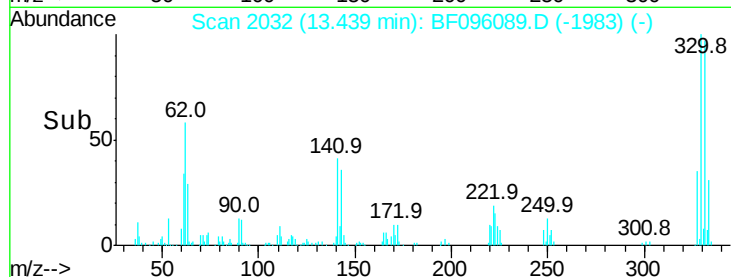
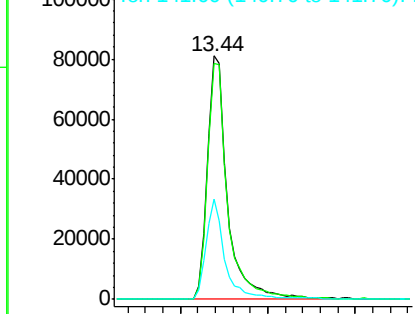
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.0	76.6	115.0	
141	38.6	31.4	47.2	

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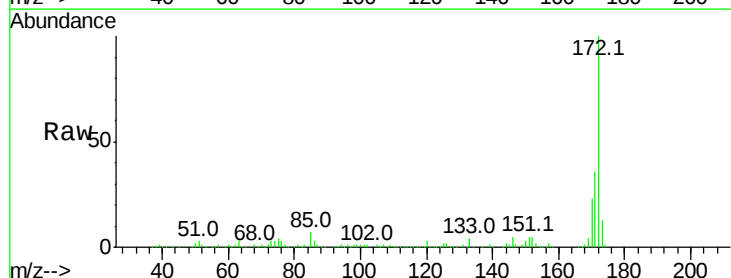


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

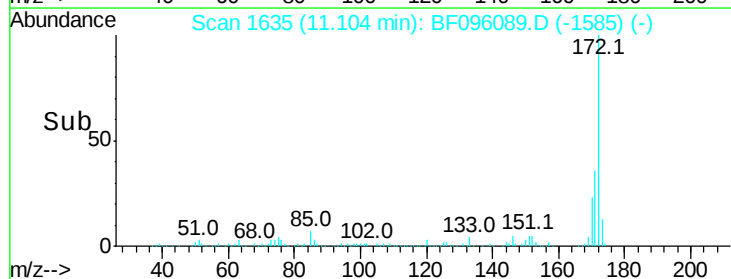
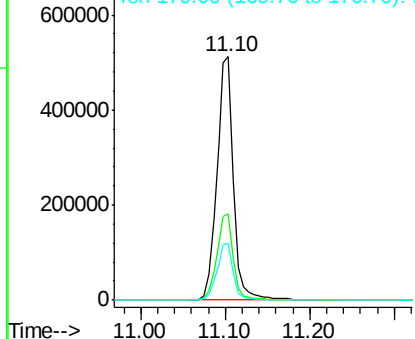


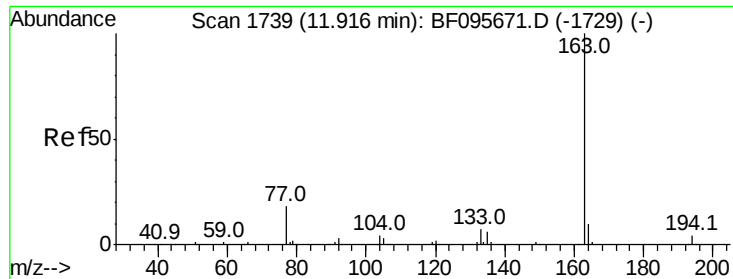
#44
2-Fluorobiphenyl
Concen: 72.07 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.6	44.4	
170	23.1	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





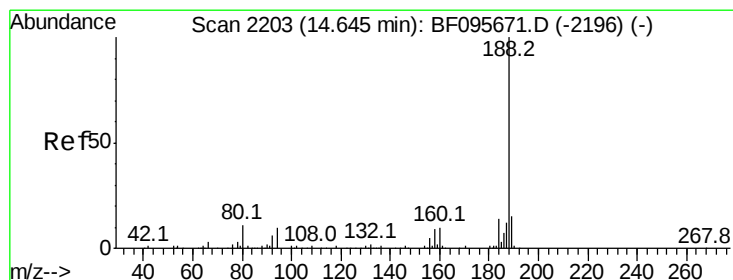
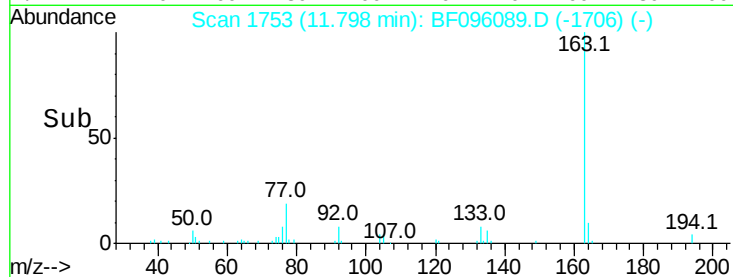
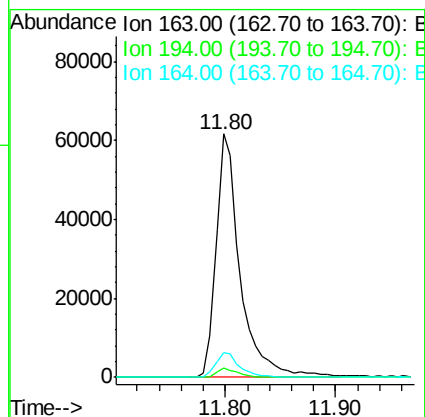
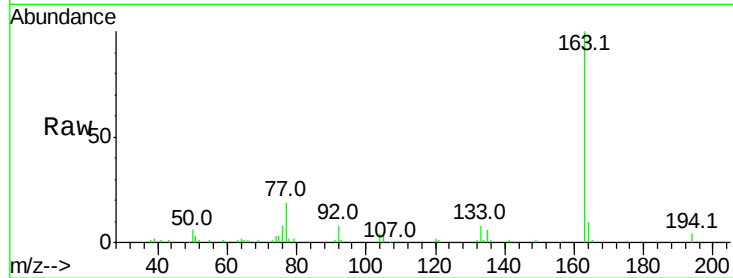
#49
Dimethylphthalate
Concen: 8.93 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampled :
G21-1.5-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.2	8.4	12.6

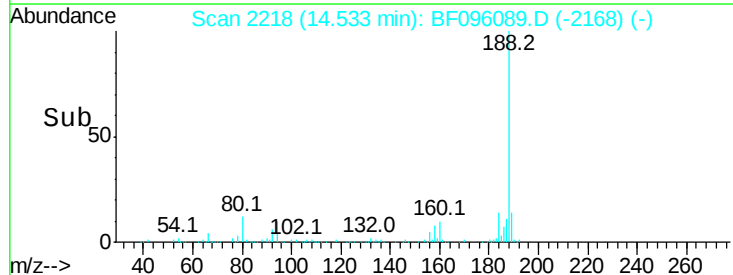
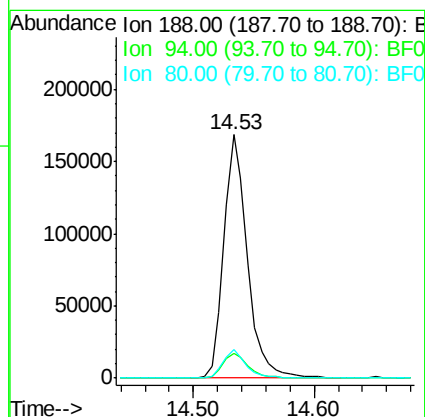
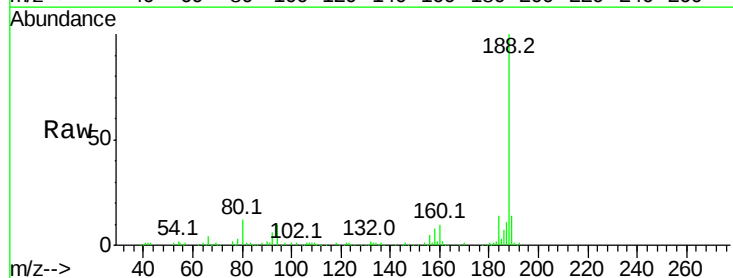
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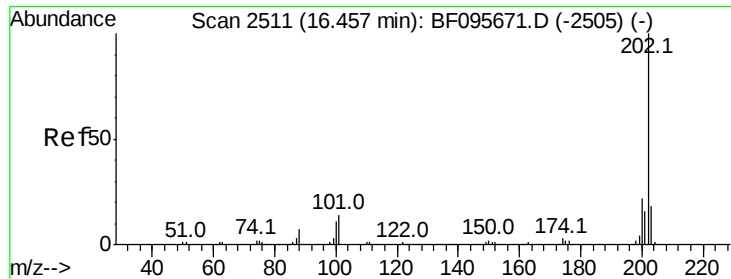
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.6	10.2	15.2





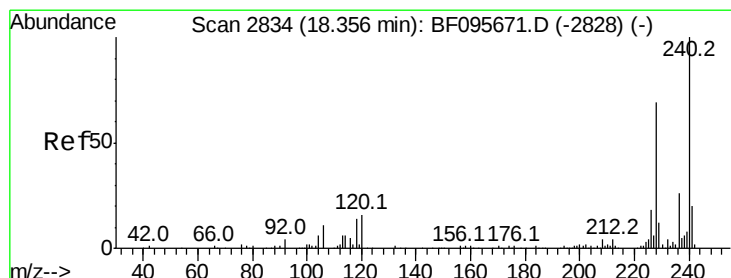
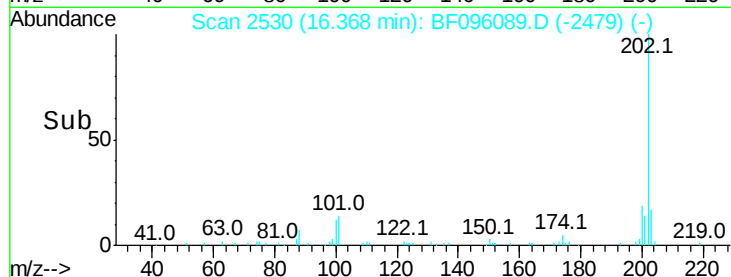
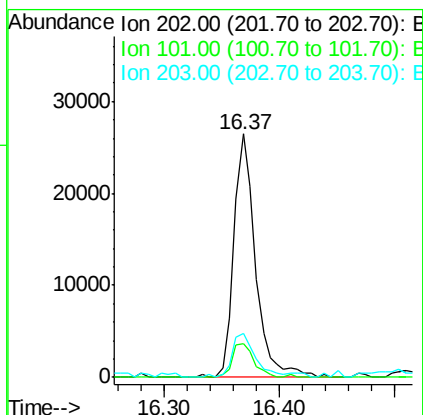
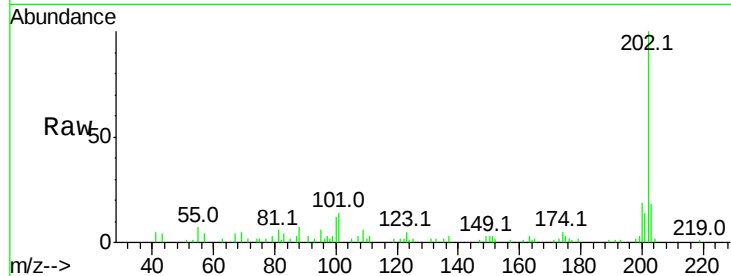
#74
 Fluoranthene
 Concen: 2.65 ng
 RT: 16.37 min Scan# 2530
 Delta R.T. 0.00 min
 Lab File: BF096089.D
 Acq: 21 Jun 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 G21-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	33.2
203	18.3	0.0	38.1

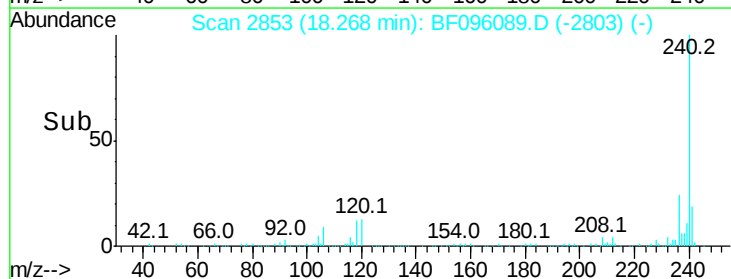
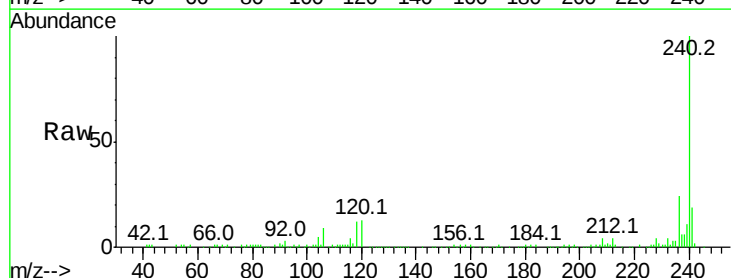
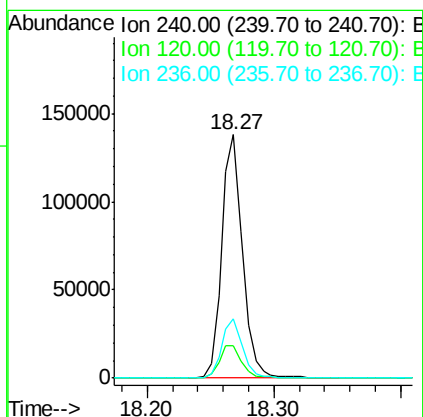
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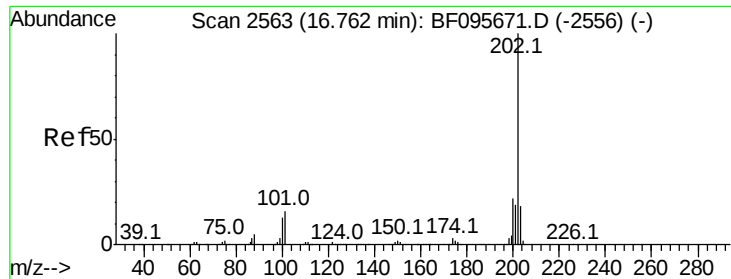
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096089.D
 Acq: 21 Jun 2017 17:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.5	20.5	30.7





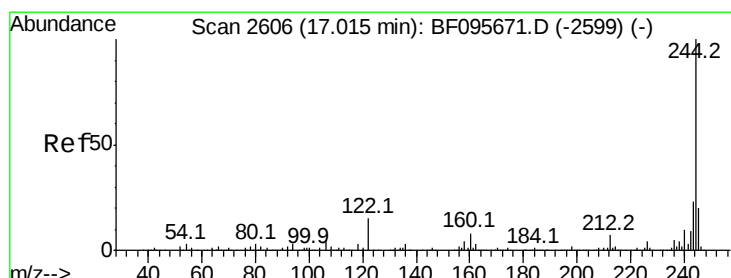
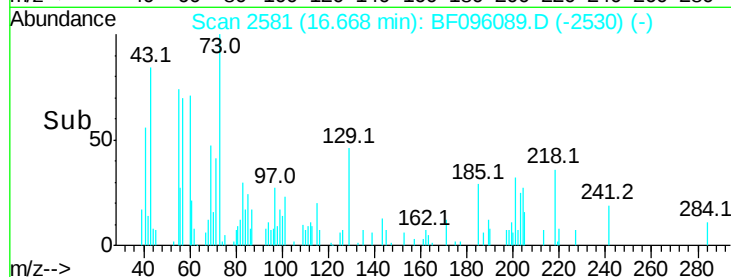
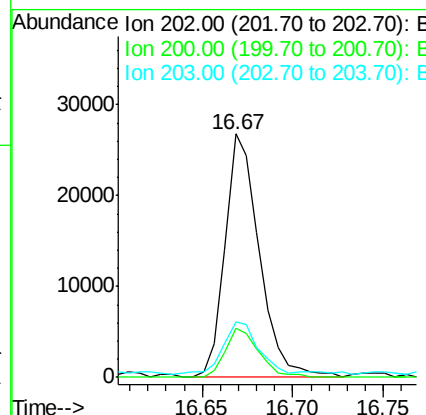
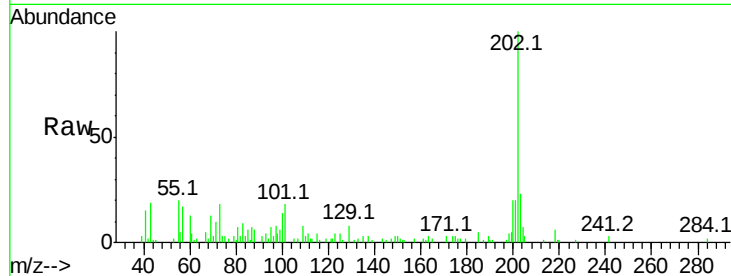
#77
Pvrene
Concen: 3.01 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	22.6	14.4	21.6

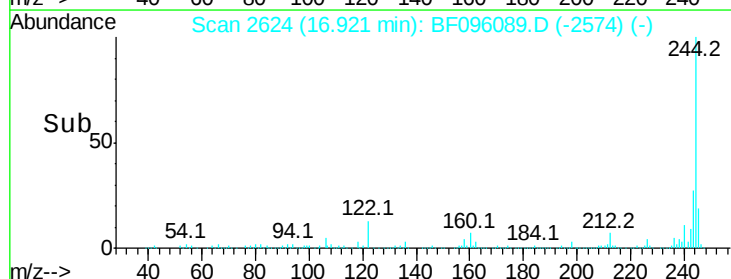
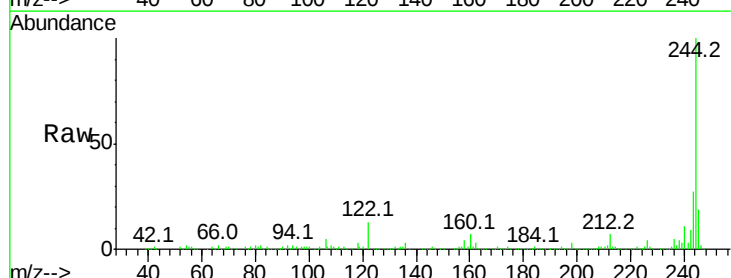
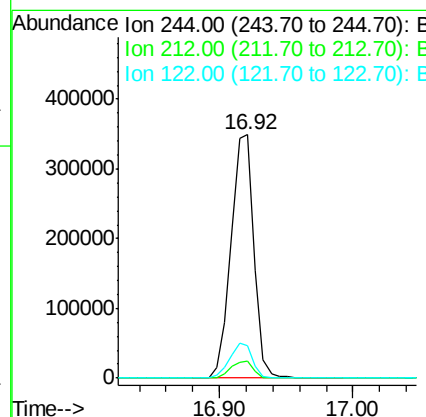
Manual Integrations
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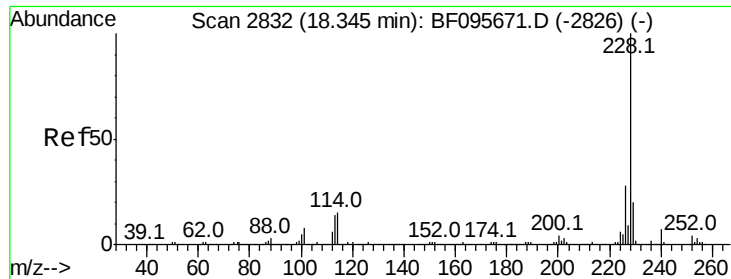
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6/22/2017 5:34:39 PM



#78
Terphenyl-d14
Concen: 67.10 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5





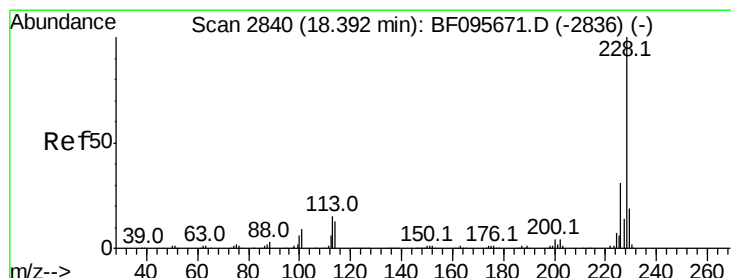
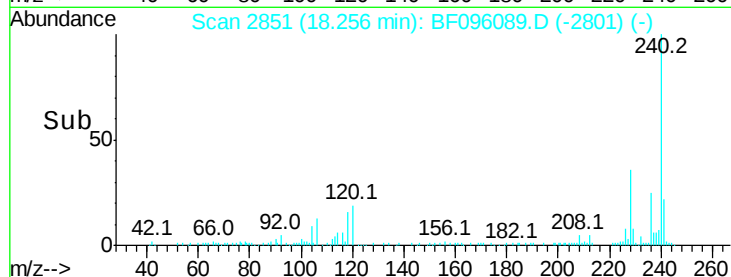
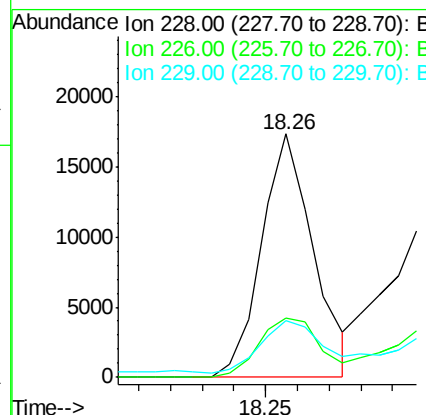
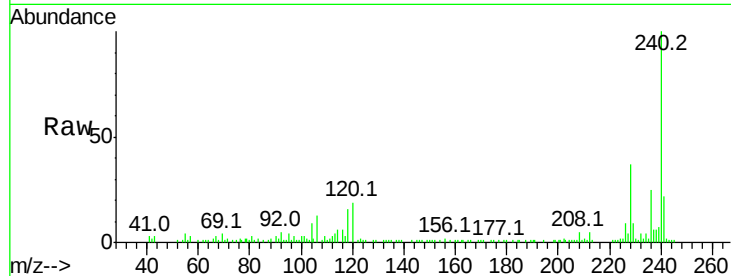
#80
Benzo(a)anthracene
Concen: 2.16 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	24.3	22.6	33.8
229	23.1	16.3	24.5

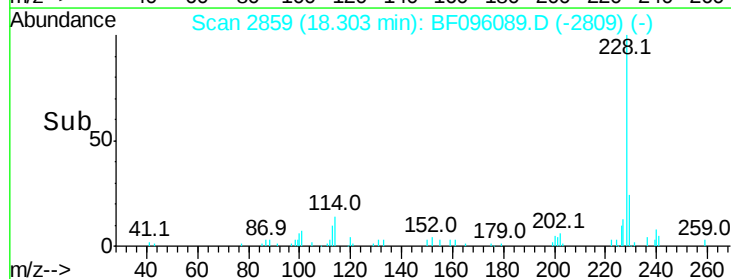
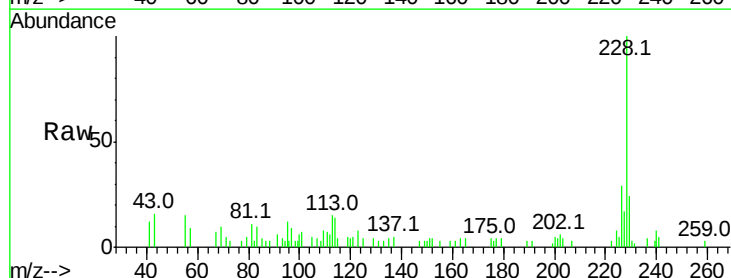
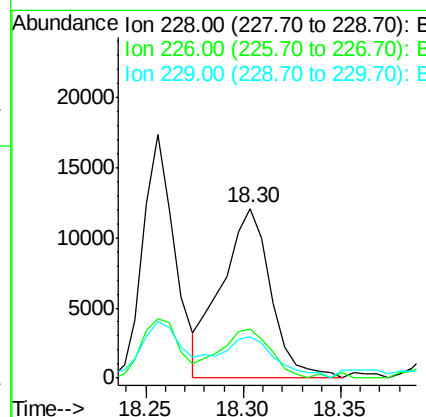
Manual Integrations
APPROVED

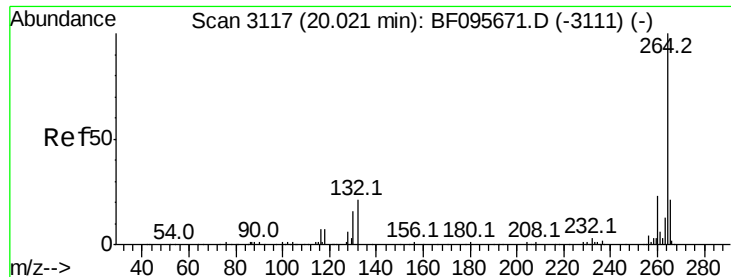
mohammad
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#82
Chrysene
Concen: 2.32 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	24.3	15.8	23.6





#86

Pervlene-d12

Concen: 20.00 ng

RT: 19.94 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BF096089.D

Acq: 21 Jun 2017 17:42

Instrument :

BNA_F

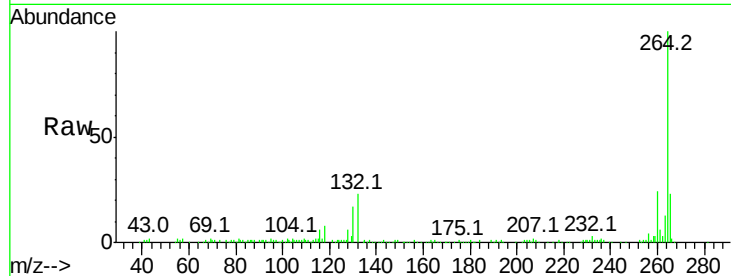
ClientSampleId :

G21-1.5-3

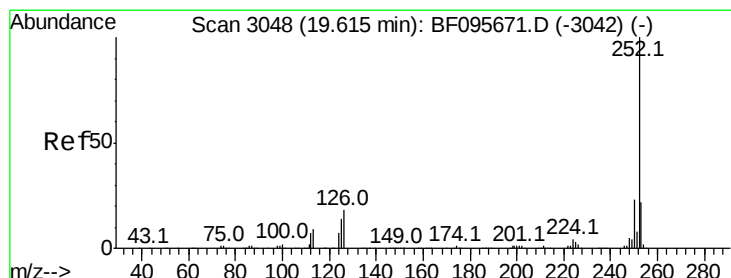
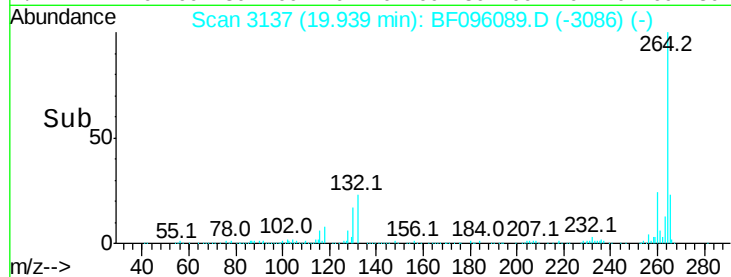
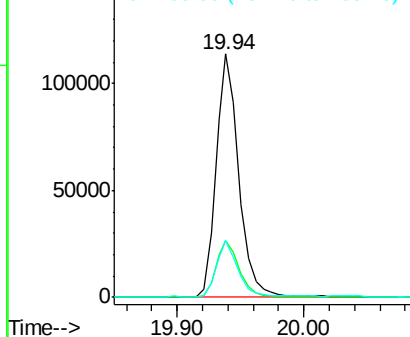
Tot Ion:	264	Resp:	142564
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.5	29.3
265	23.1	17.2	25.8

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 3.40 ng m

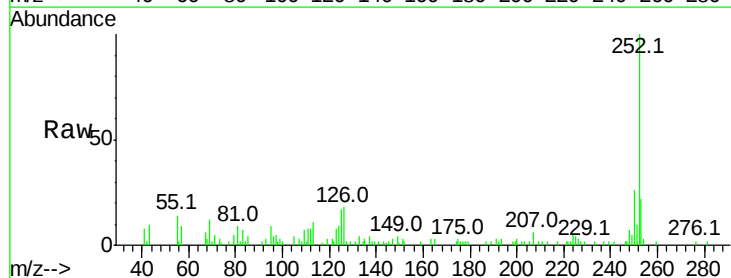
RT: 19.54 min Scan# 3069

Delta R.T. 0.00 min

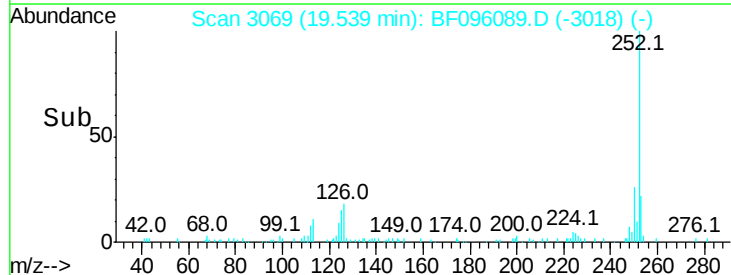
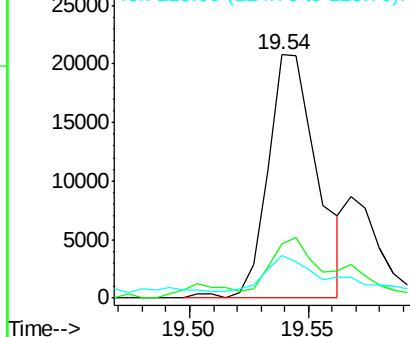
Lab File: BF096089.D

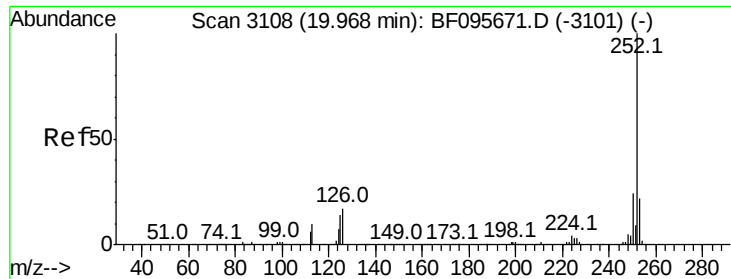
Acq: 21 Jun 2017 17:42

Tgt Ion:	252	Resp:	30343
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	17.4	9.8	14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 2.34 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	16.7	11.0	16.4

Manual Integrations
APPROVED

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