

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095986.D
 Acq On : 17 Jun 2017 8:45
 Operator : SJ/MA
 Sample : I3688-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5

Manual Integrations
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Quant Time: Jun 19 01:31:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	64316	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	256936	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	109651	20.00	ng	-0.01
63) Phenanthrene-d10	14.57	188	164391	20.00	ng	0.00
75) Chrysene-d12	18.29	240	129183	20.00	ng	-0.01
86) Perylene-d12	19.96	264	124708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	524656	129.99	ng	0.00
7) Phenol-d6	6.89	99	632338	130.86	ng	-0.02
23) Nitrobenzene-d5	8.24	82	368321	89.03	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	111179	114.60	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	687173	87.21	ng	0.00
78) Terphenyl-d14	16.94	244	392785	75.46	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.83	163	92046	11.06	ng	99
74) Fluoranthene	16.40	202	49850	5.31	ng	100
77) Pyrene	16.70	202	46075	4.78	ng	96
80) Benzo(a)anthracene	18.28	228	20608	2.74	ng	97
82) Chrysene	18.33	228	22019	2.93	ng	95
87) Benzo(b)fluoranthene	19.56	252	30479	3.90	ng	# 94
89) Benzo(a)pyrene	19.91	252	21848	3.04	ng	# 93

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

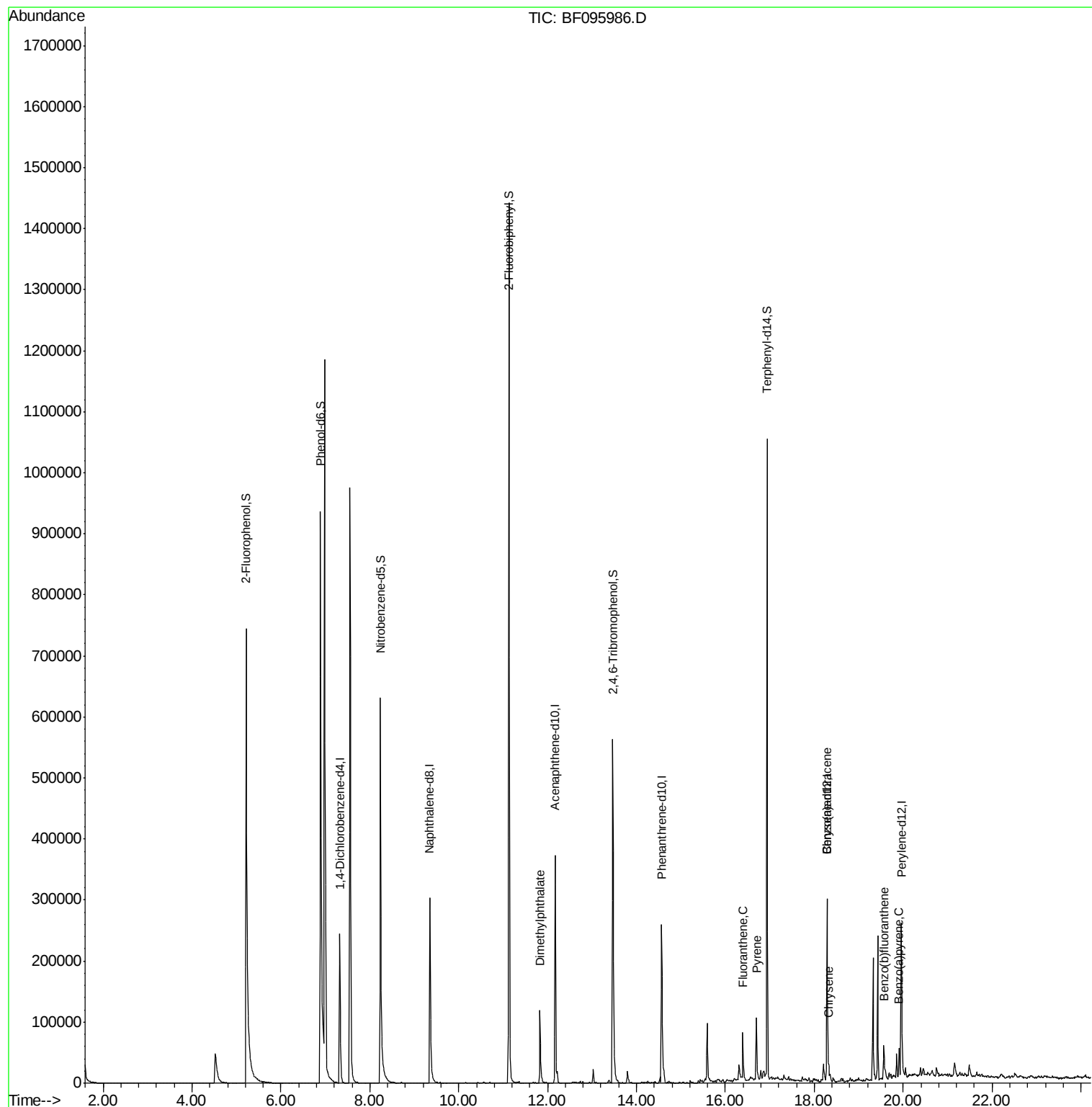
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
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Operator : SJ/MA
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
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#1

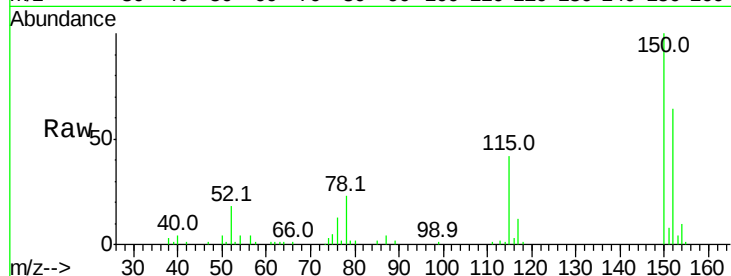
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	64.4	52.2	78.2

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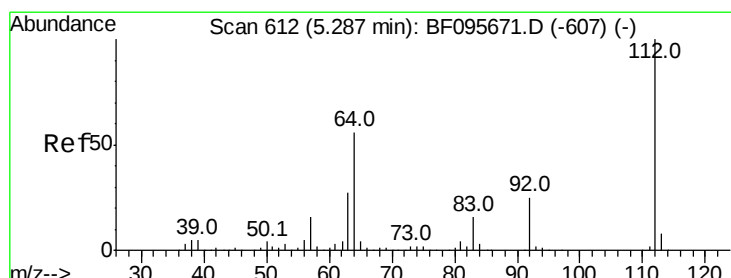
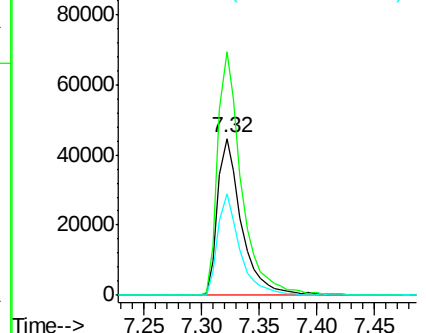
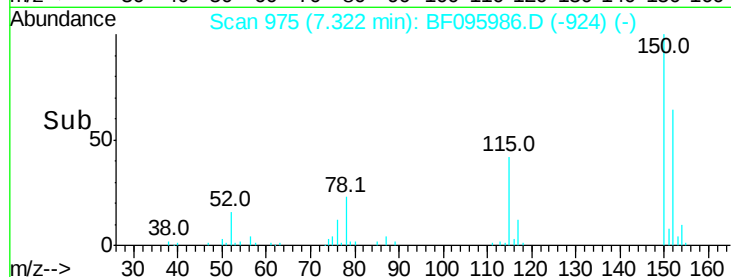


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

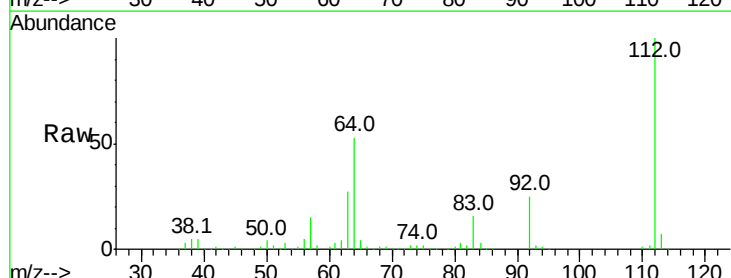
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 129.99 ng
RT: 5.22 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	46.0	69.0
63	26.7	23.4	35.0

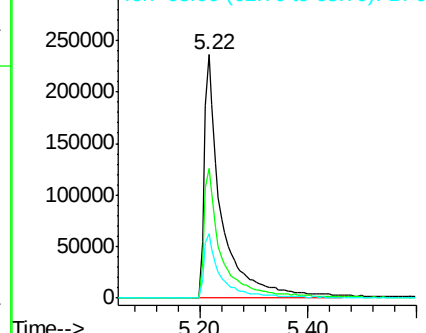
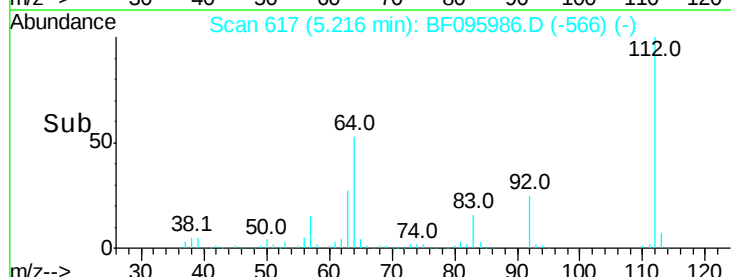


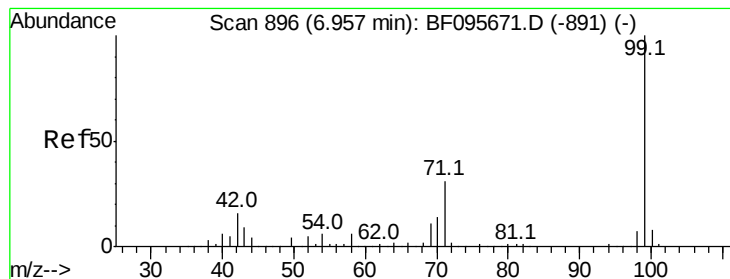
Abundance

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: 130.86 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095986.D

Acq: 17 Jun 2017 8:45

Instrument :

BNA_F

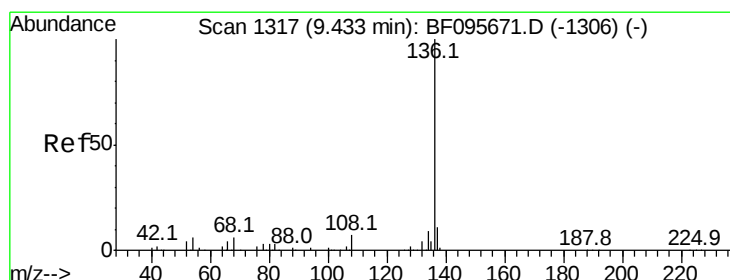
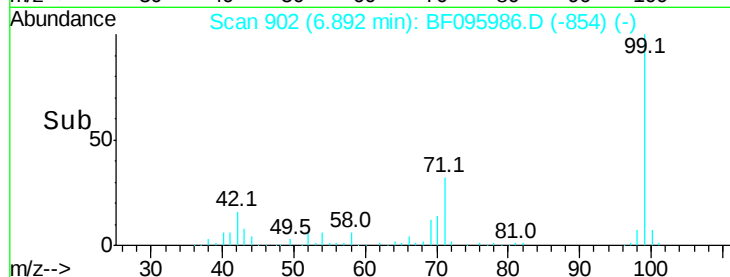
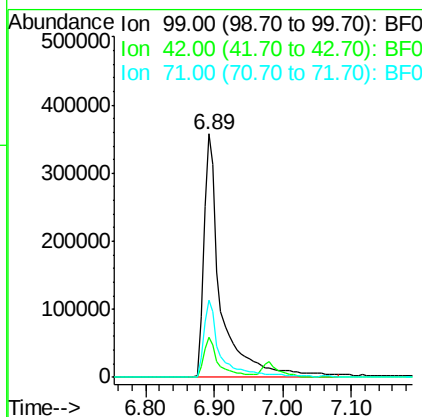
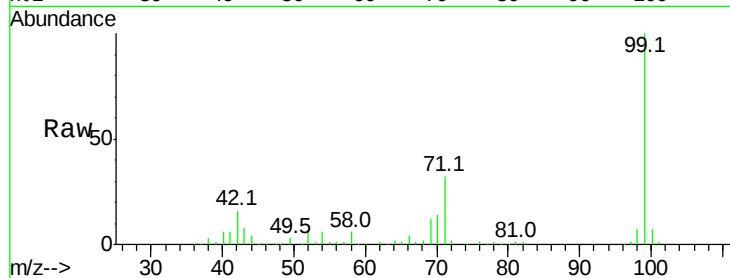
ClientSampleId :

G13-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		632338		
42	16.3	13.5	20.3		
71	31.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

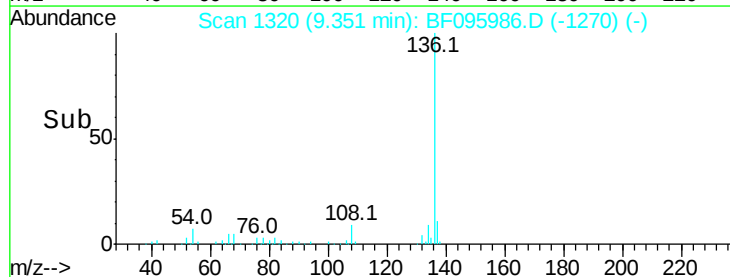
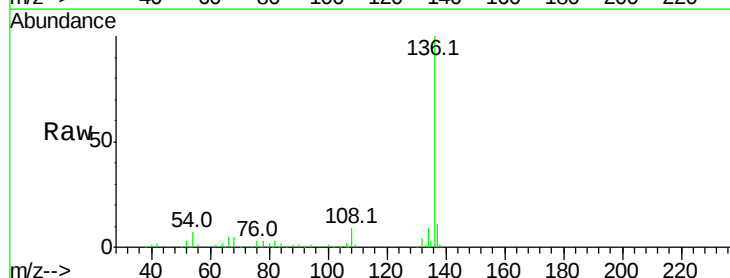
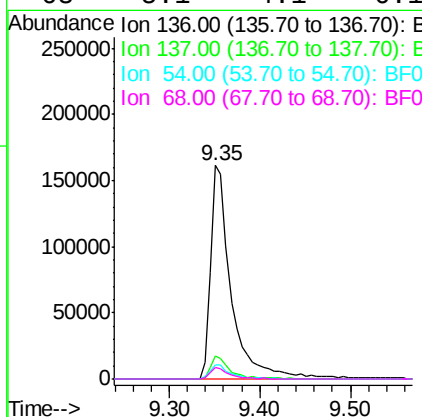
RT: 9.35 min Scan# 1320

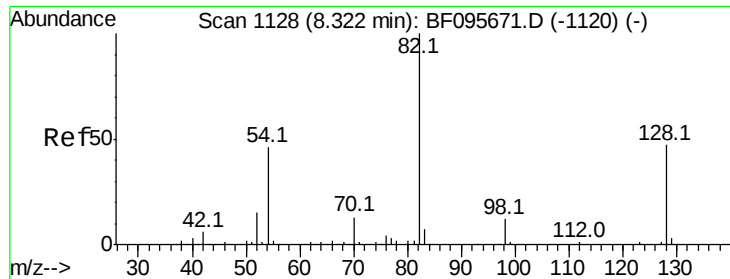
Delta R.T. -0.01 min

Lab File: BF095986.D

Acq: 17 Jun 2017 8:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		256936		
137	10.6	8.5	12.7		
54	6.6	4.9	7.3		
68	5.1	4.1	6.1		





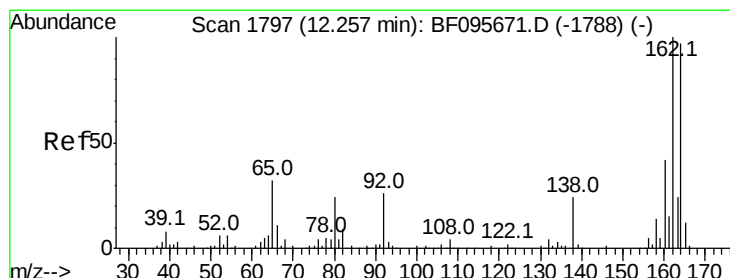
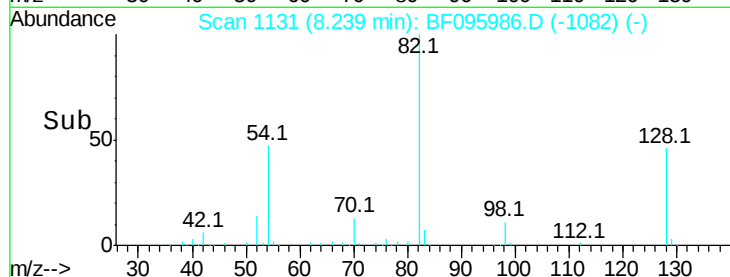
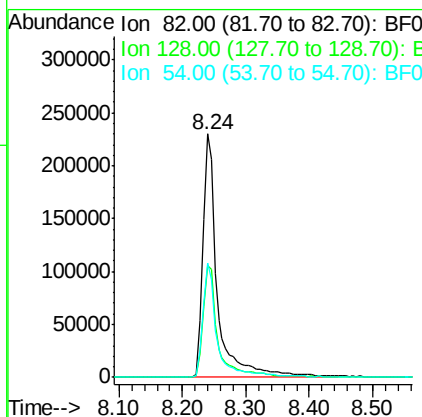
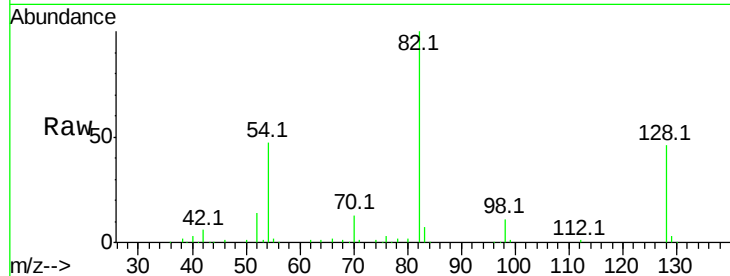
#23
Nitrobenzene-d5
Concen: 89.03 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.0	51.0
54	46.8	42.2	63.2

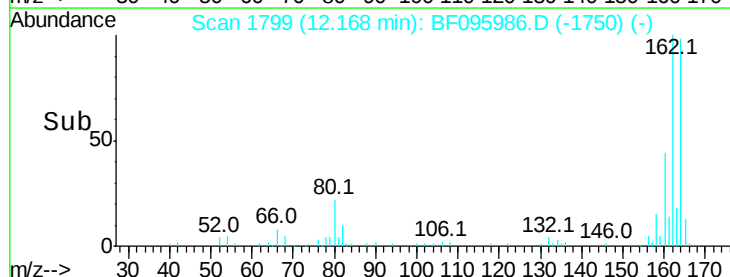
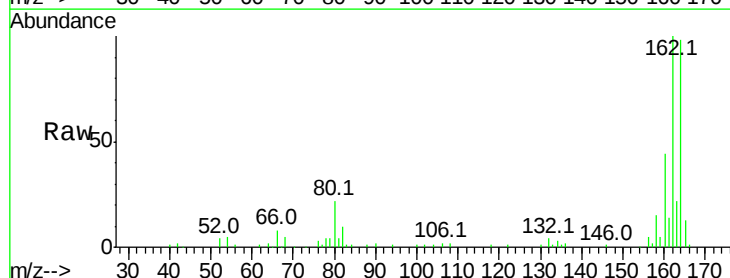
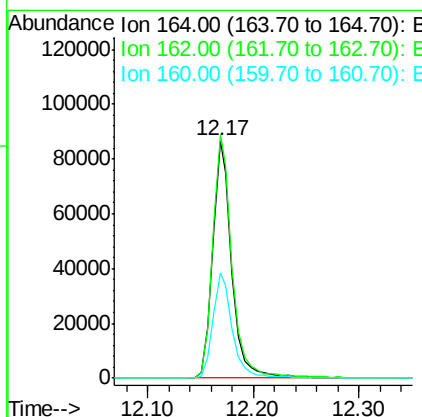
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	44.5	36.2	54.2





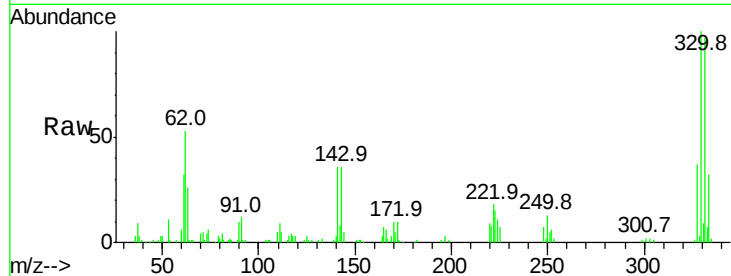
#41
 2,4,6-Tribromophenol
 Concen: 114.60 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095986.D
 Acq: 17 Jun 2017 8:45

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5

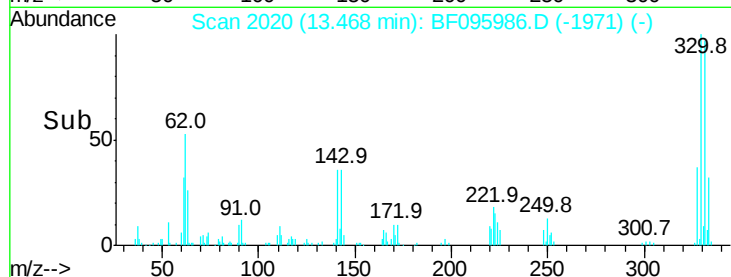
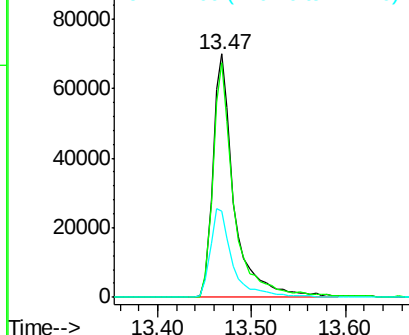
Tot Ion	Ratio	Resp	Lower	Upper
330	100	111179		
332	96.6	76.6	115.0	
141	38.1	31.4	47.2	

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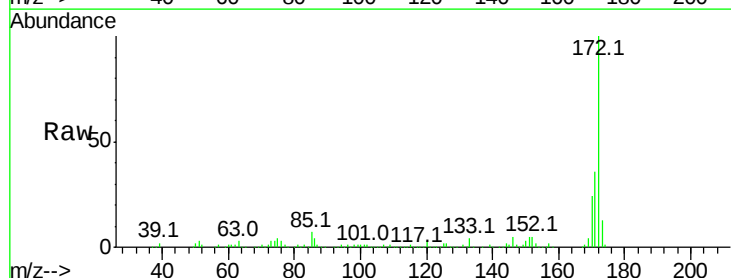


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

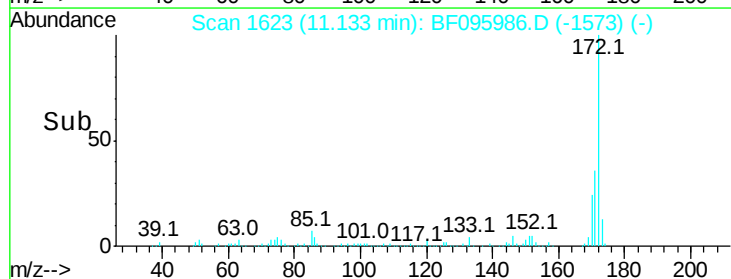
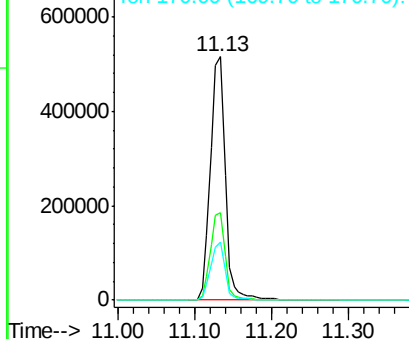


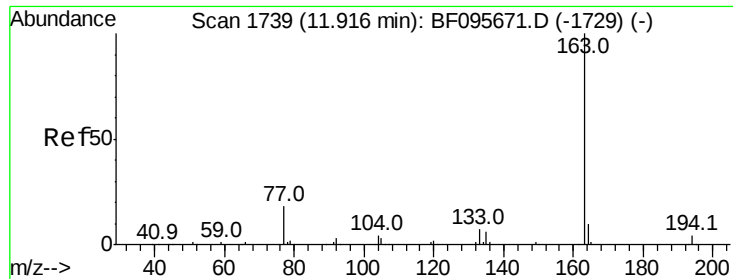
#44
 2-Fluorobiphenyl
 Concen: 87.21 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095986.D
 Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	687173		
171	36.2	29.6	44.4	
170	23.6	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





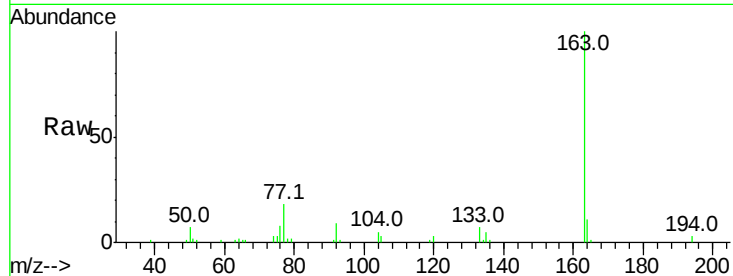
#49
Dimethylphthalate
Concen: 11.06 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5

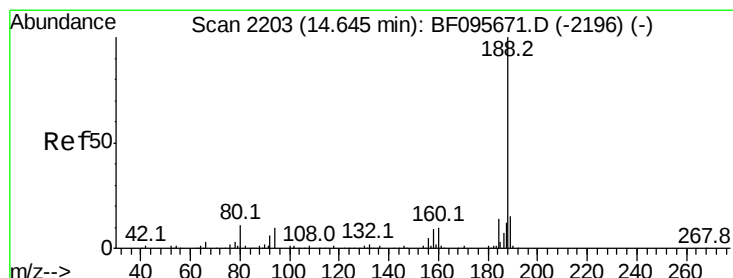
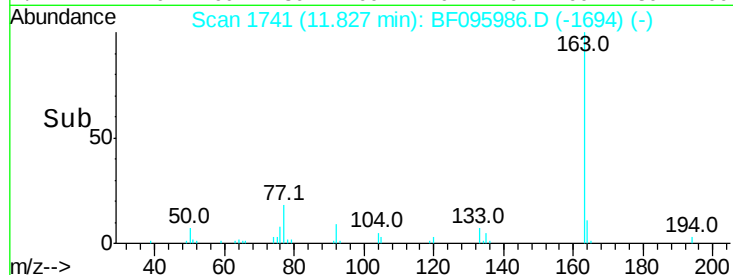
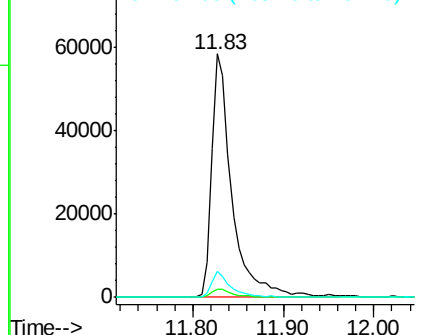
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.8	8.4	12.6

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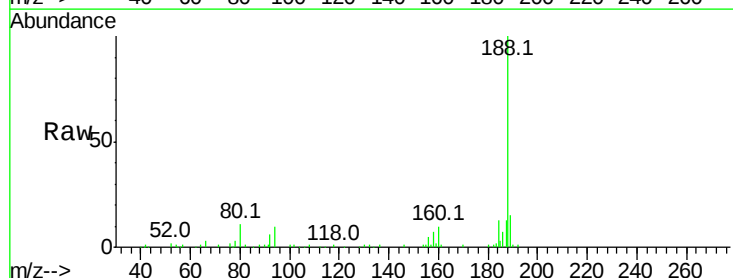


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

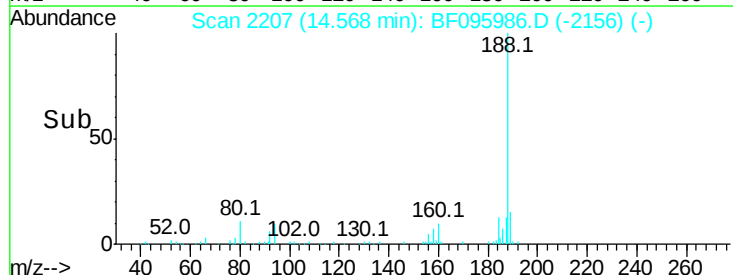
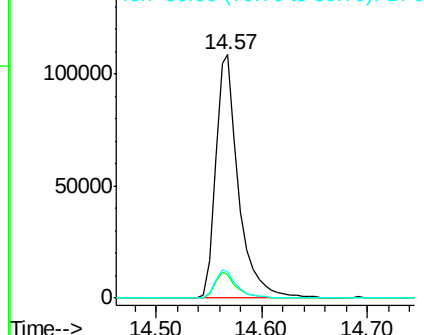


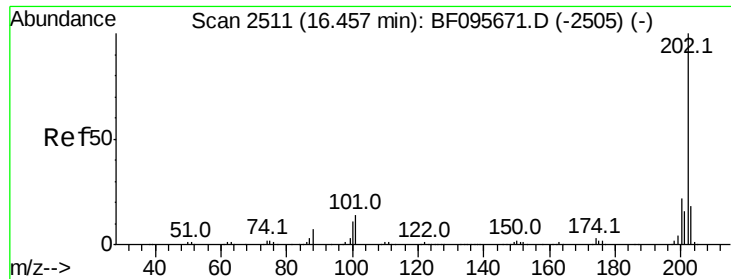
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.7	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





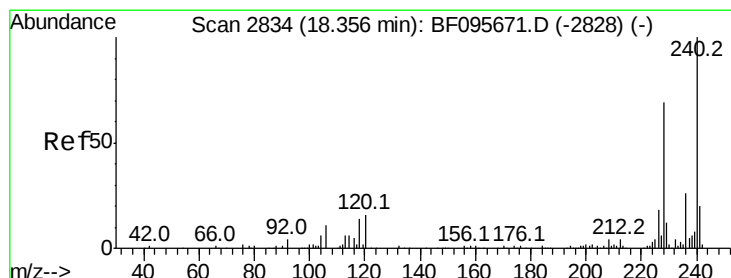
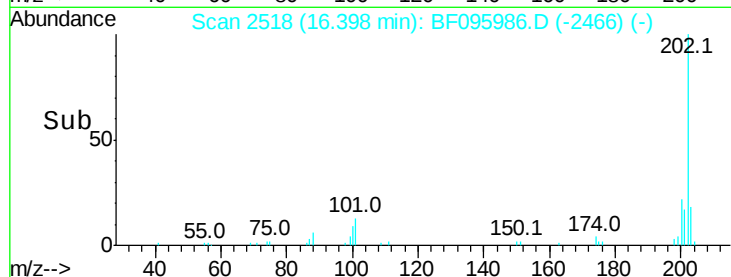
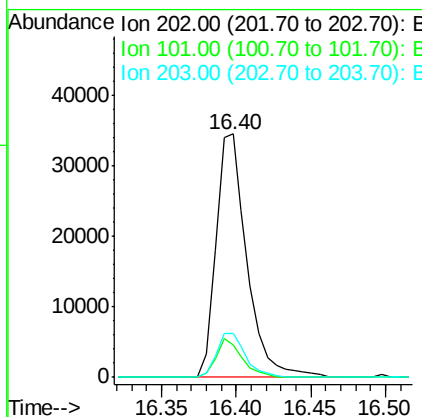
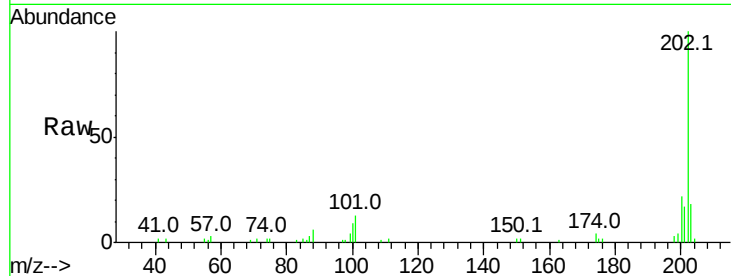
#74
Fluoranthene
 Concen: 5.31 ng
 RT: 16.40 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF095986.D
 Acq: 17 Jun 2017 8:45

Instrument :
 BNA_F
 ClientSampleId :
 G13-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.3	0.0	33.2
203	18.2	0.0	38.1

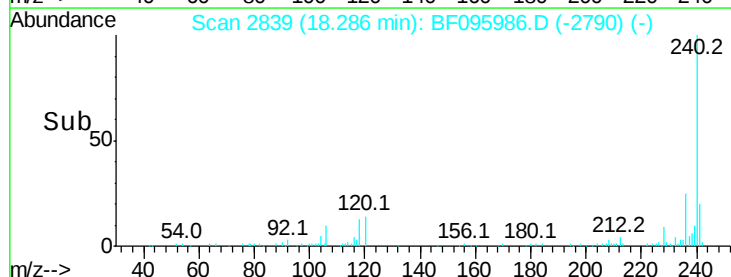
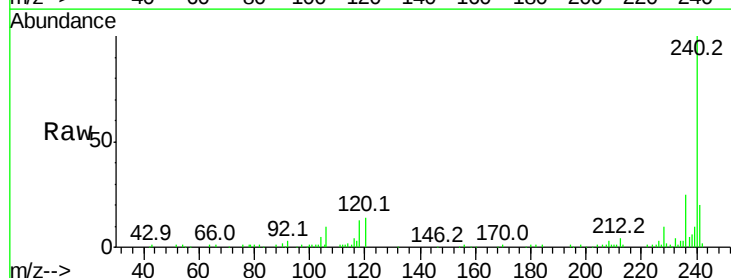
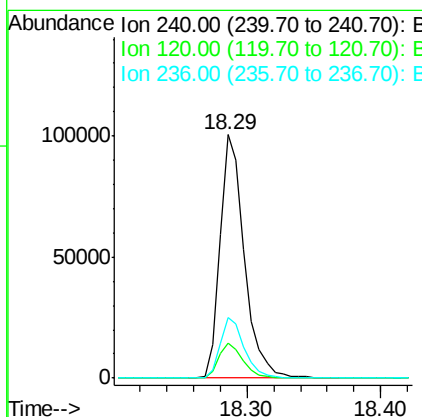
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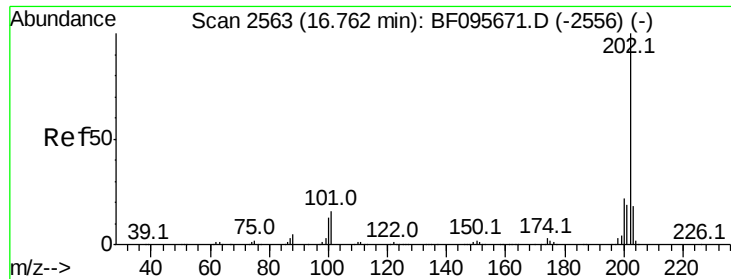
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2839
 Delta R.T. -0.01 min
 Lab File: BF095986.D
 Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.7	20.5	30.7





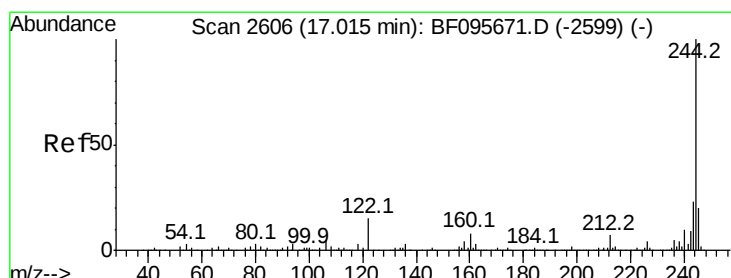
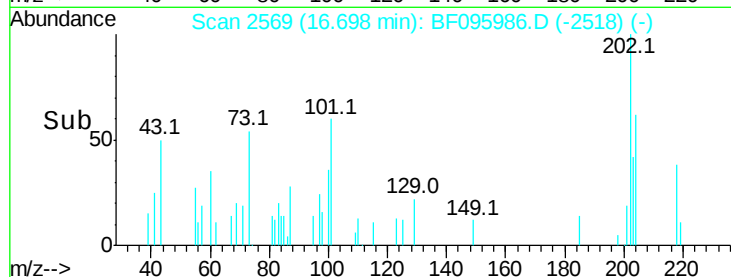
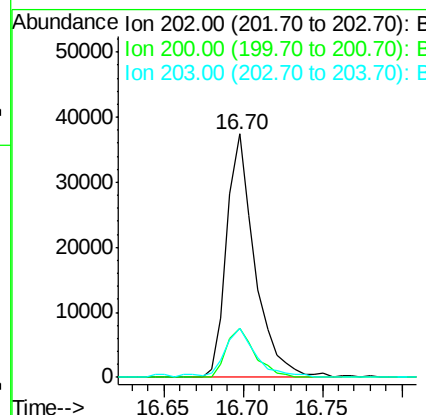
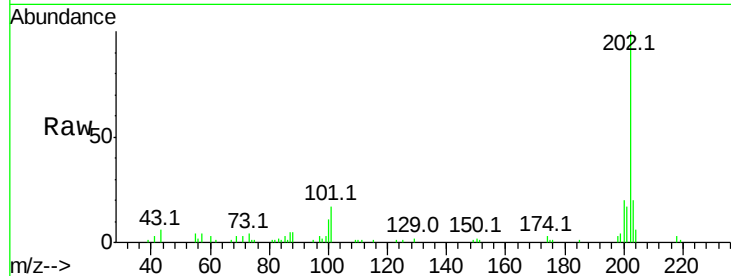
#77
Pvrene
Concen: 4.78 ng
RT: 16.70 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.4	17.6	26.4
203	20.0	14.4	21.6

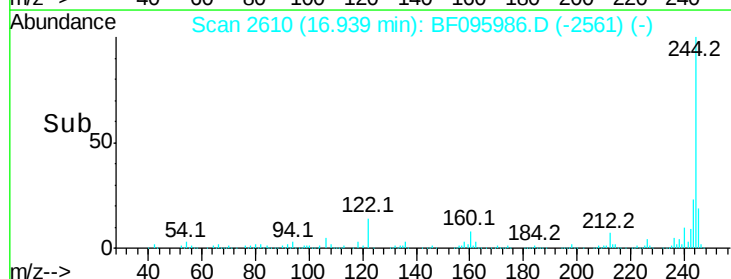
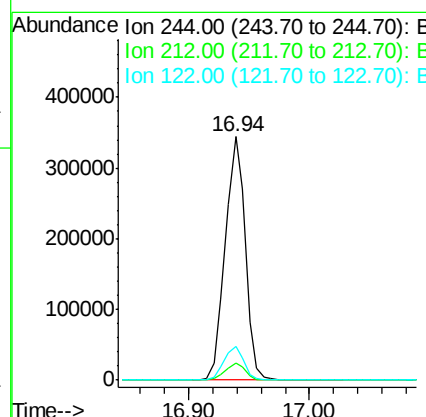
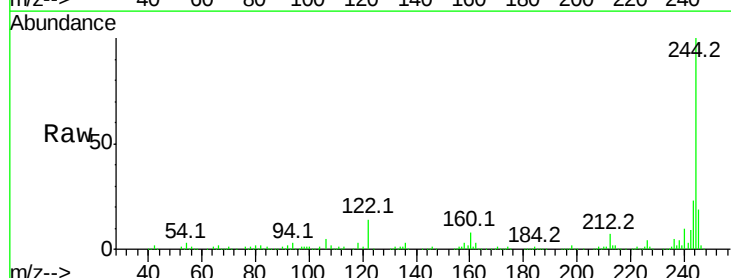
Manual Integrations
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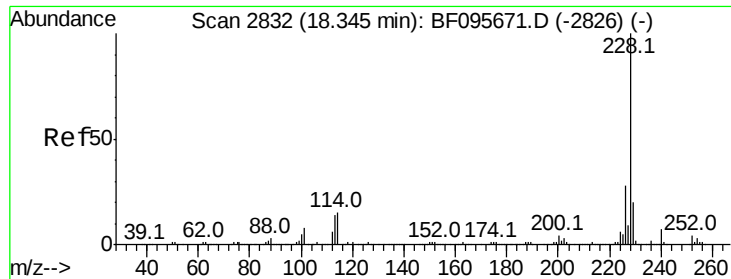
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#78
Terphenyl-d14
Concen: 75.46 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.9	10.3	15.5





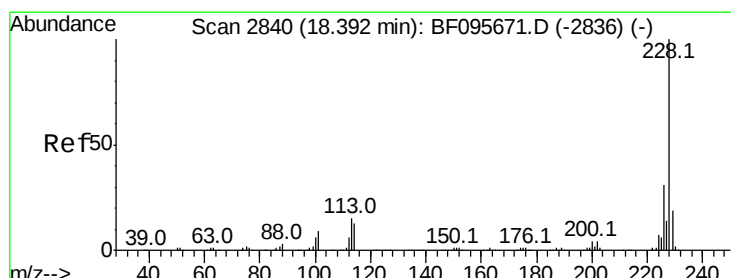
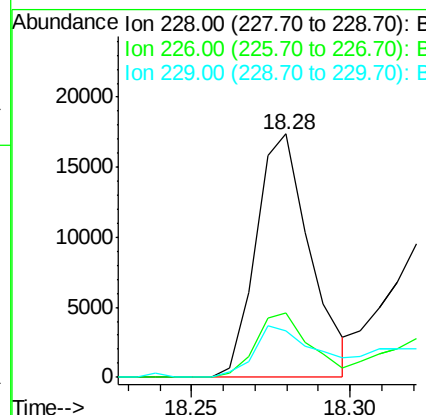
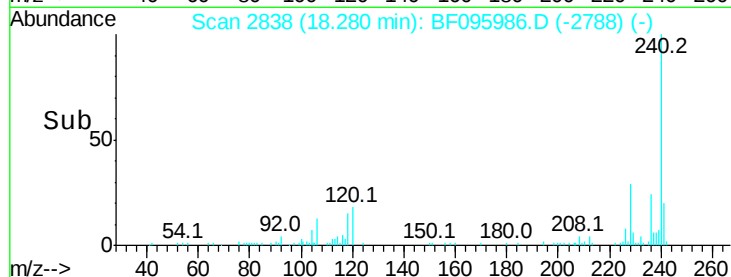
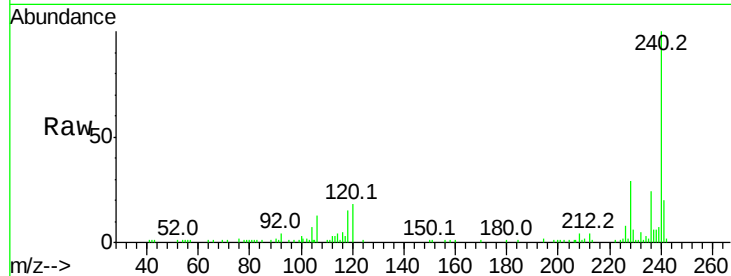
#80
Benzo(a)anthracene
Concen: 2.74 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	19.2	16.3	24.5

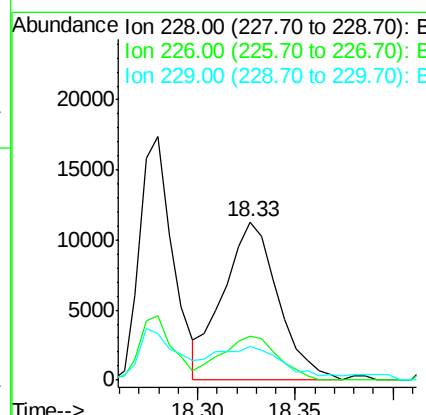
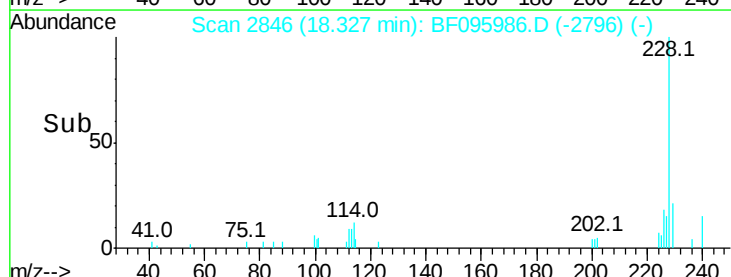
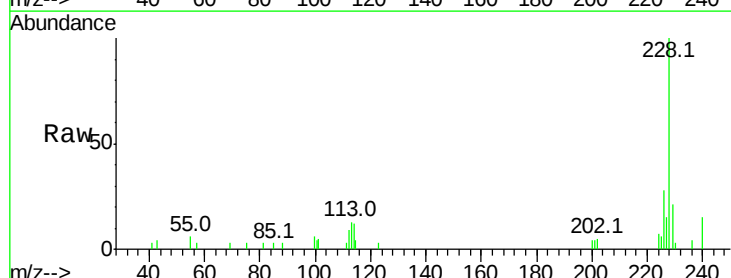
Manual Integrations
APPROVED

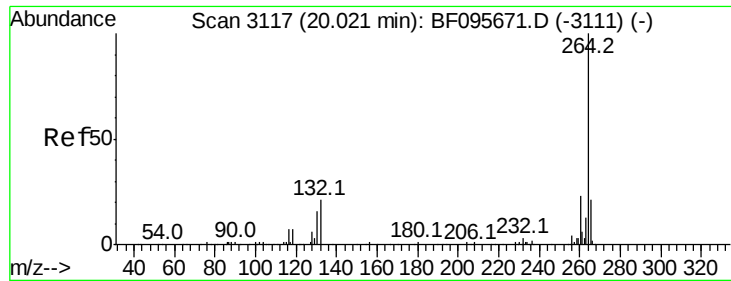
mohammad
6/19/2017 3:47:53 PM



#82
Chrysene
Concen: 2.93 ng
RT: 18.33 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.9	37.3
229	21.3	15.8	23.6





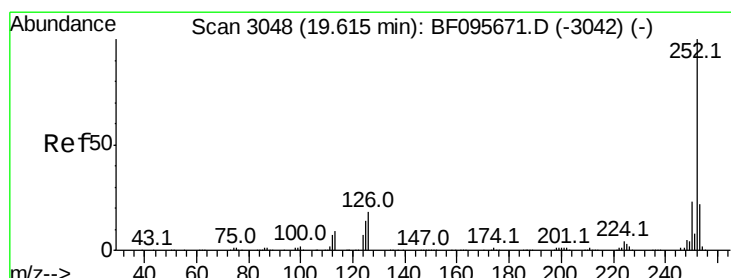
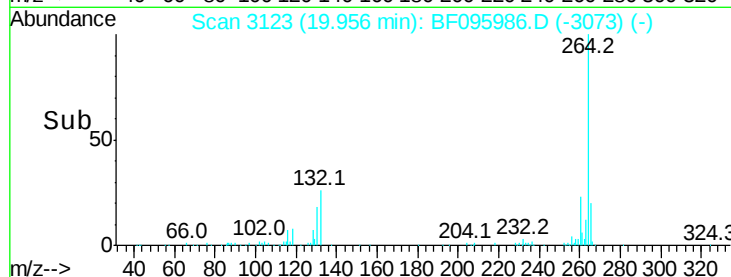
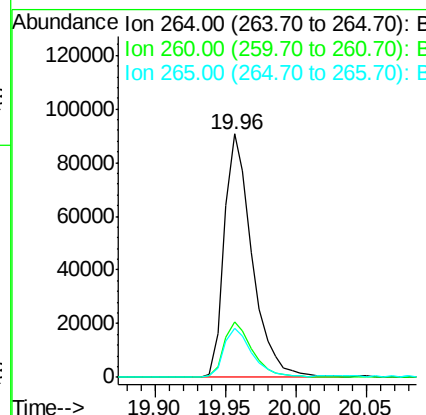
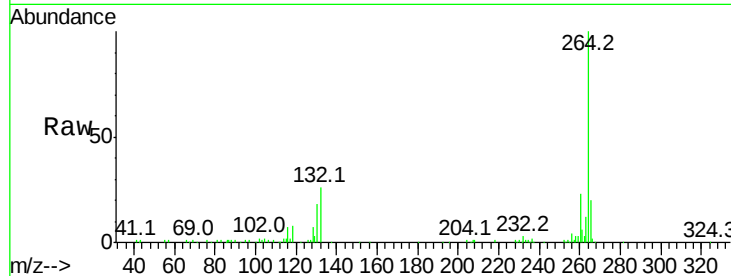
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.0	17.2	25.8

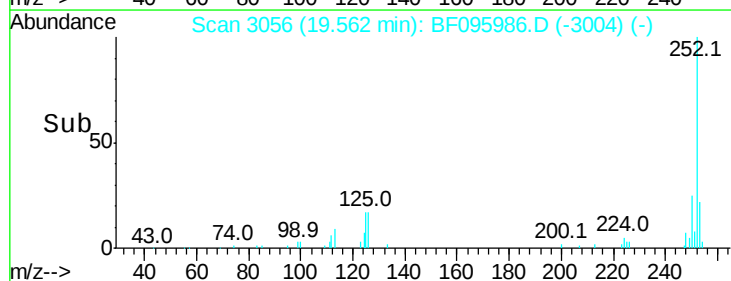
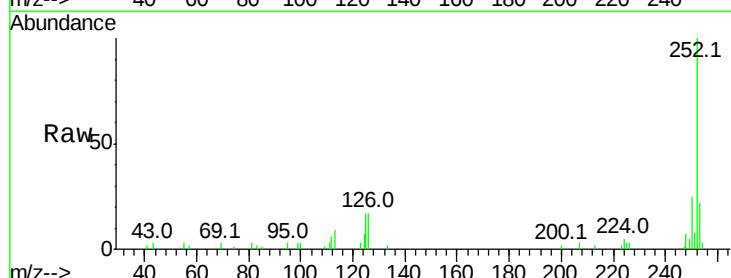
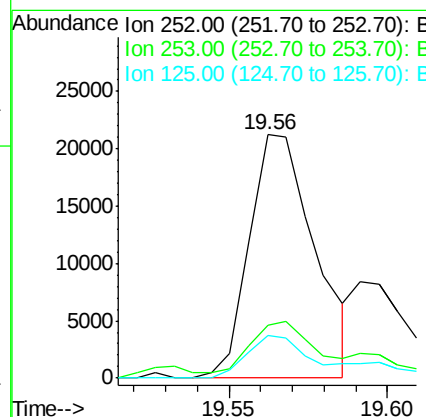
Manual Integrations
APPROVED

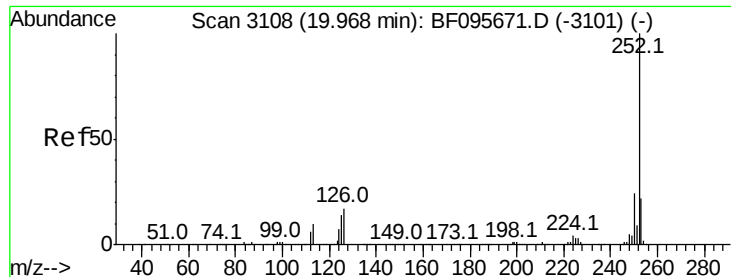
mohammad
6/19/2017 3:47:53 PM



#87
Benzo(b)fluoranthene
Concen: 3.90 ng
RT: 19.56 min Scan# 3056
Delta R.T. 0.01 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	17.4	9.8	14.8#





#89
Benzo(a)pyrene
Concen: 3.04 ng
RT: 19.91 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BF095986.D
Acq: 17 Jun 2017 8:45

Instrument :
BNA_F
ClientSampleId :
G13-0-1.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	17.2	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/19/2017 3:47:53 PM

