

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095985.D
 Acq On : 17 Jun 2017 8:12
 Operator : SJ/MA
 Sample : I3688-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G12-1.5-3

Manual Integrations
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Quant Time: Jun 19 01:27:42 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	69266	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	280486	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	124067	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	194713	20.00	ng	0.00
75) Chrysene-d12	18.29	240	144011	20.00	ng	-0.01
86) Perylene-d12	19.96	264	134481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	273489	62.92	ng	0.00
7) Phenol-d6	6.89	99	360143	69.21	ng	-0.02
23) Nitrobenzene-d5	8.24	82	209207	46.32	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	60862	55.44	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	425037	47.67	ng	-0.01
78) Terphenyl-d14	16.94	244	242904	41.86	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.83	163	33100	3.51	ng	100
74) Fluoranthene	16.40	202	25964	2.33	ng	96
77) Pyrene	16.70	202	26794	2.49	ng	96
82) Chrysene	18.33	228	22944	2.74	ng	97
87) Benzo(b)fluoranthene	19.56	252	31063	3.69	ng	# 93
89) Benzo(a)pyrene	19.91	252	15550	2.01	ng	# 93

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

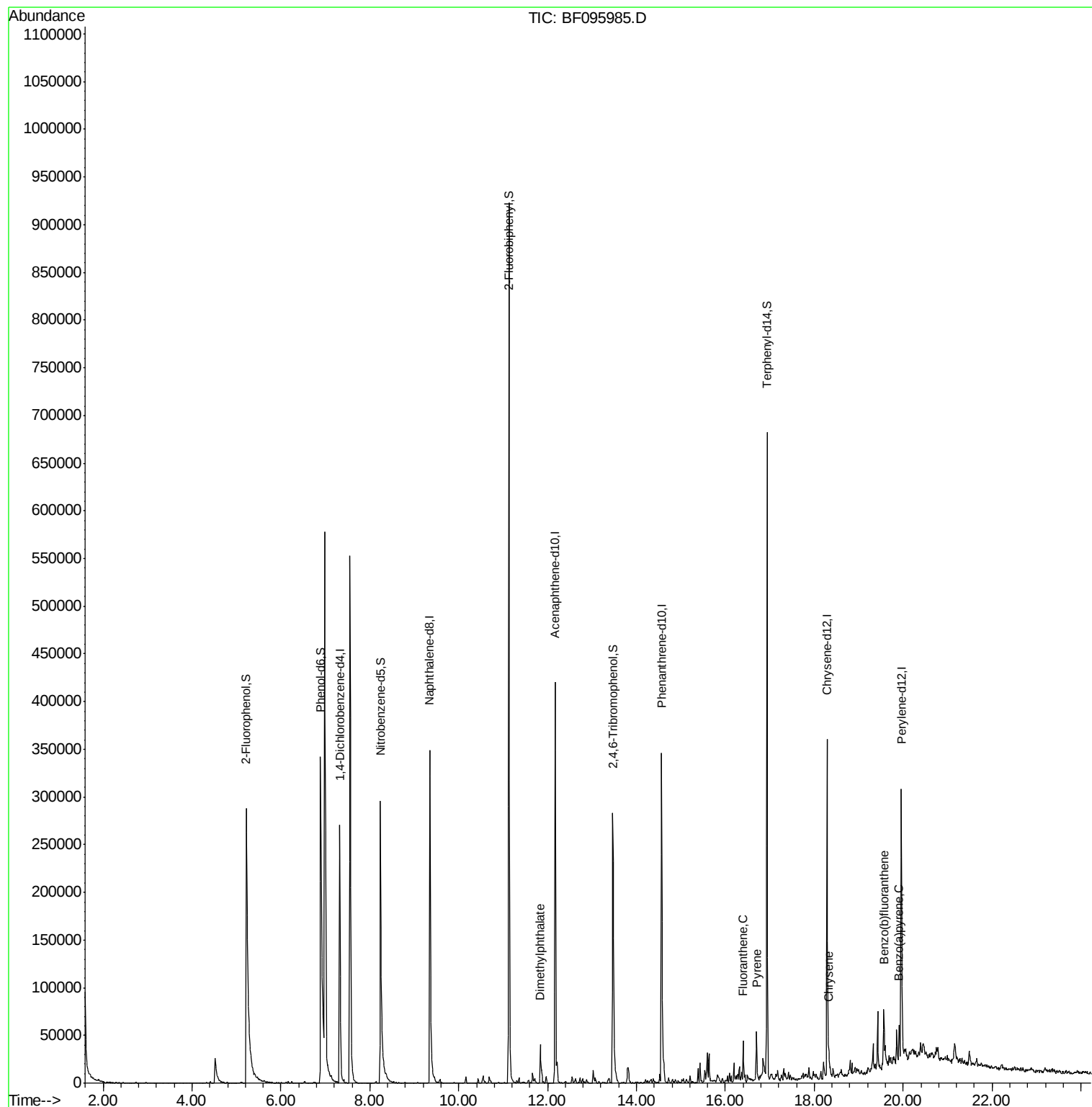
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095985.D
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Sample : I3688-16
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ALS Vial : 34 Sample Multiplier: 1

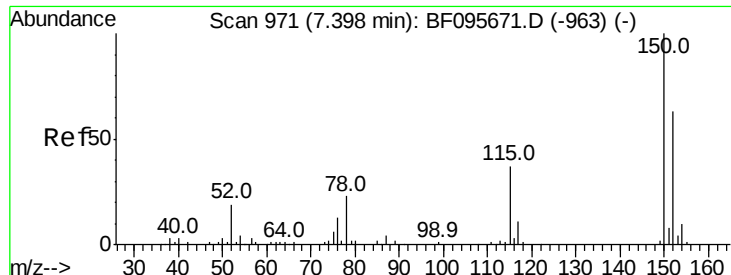
Instrument :
BNA_F
ClientSampleId :
G12-1.5-3

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Quant Time: Jun 19 01:27:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

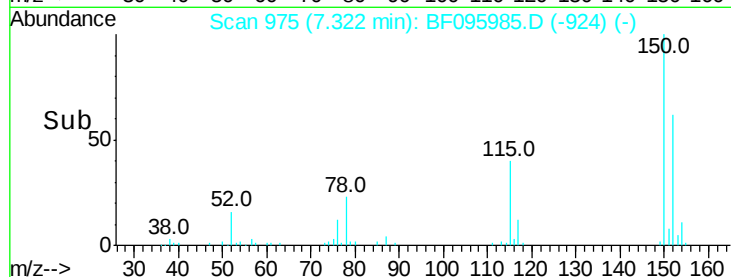
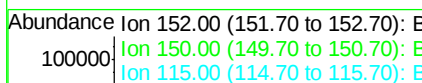
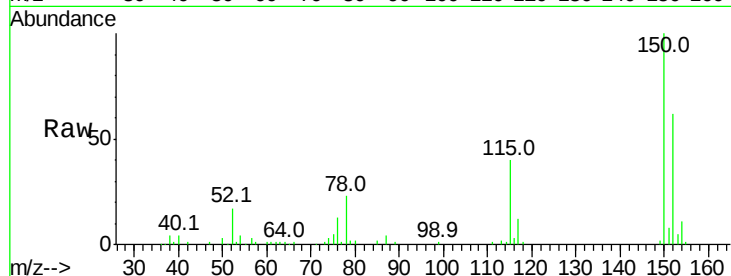
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :
G12-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.2	189.2
115	63.8	52.2	78.2

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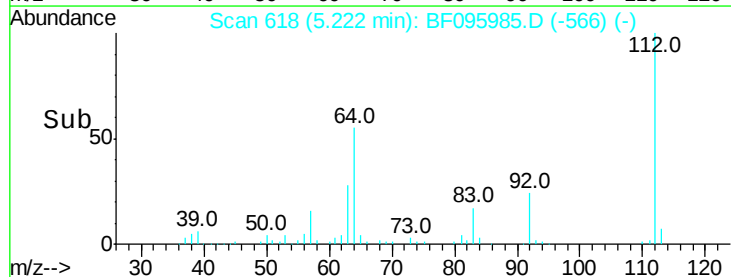
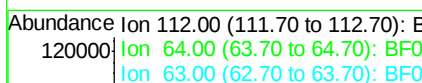
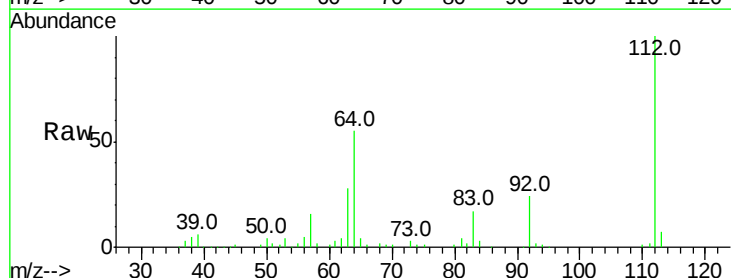
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#5

2-Fluorophenol
Concen: 62.92 ng
RT: 5.22 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.6	23.4	35.0





#7

Phenol-d6

Concen: 69.21 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095985.D

Acq: 17 Jun 2017 8:12

Instrument :

BNA_F

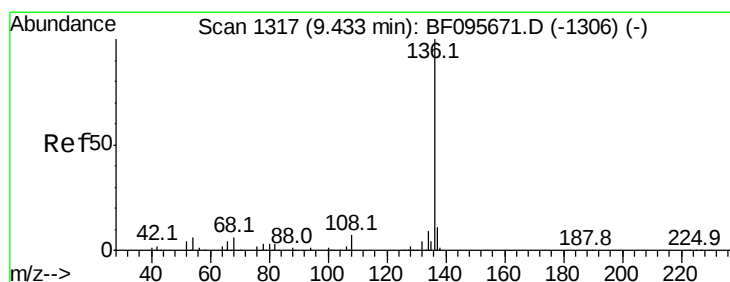
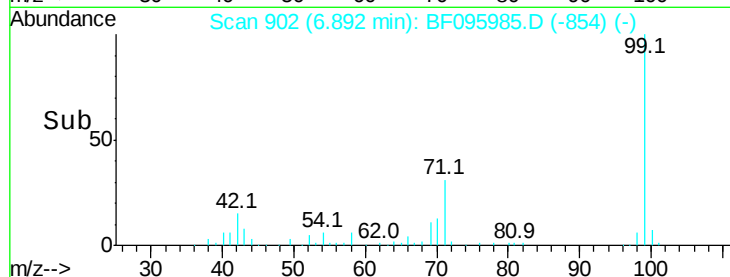
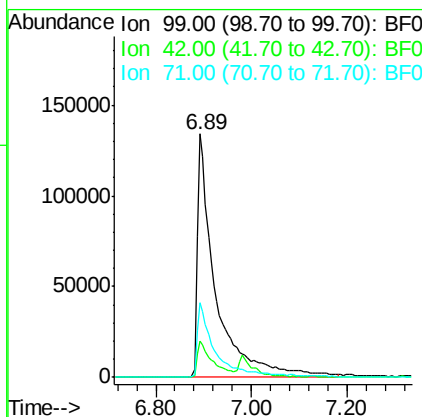
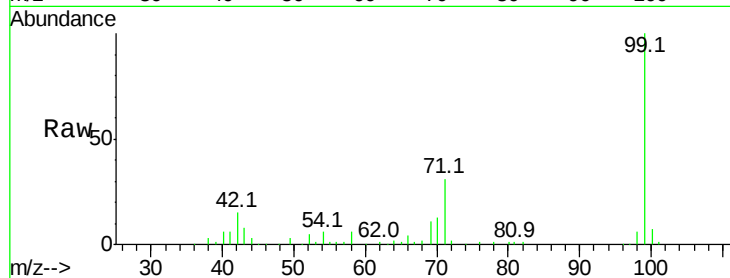
ClientSampleId :

G12-1.5-3

Tot Ion:	99	Resp:	360143
Ion Ratio	Lower	Upper	
99	100		
42	15.1	13.5	20.3
71	30.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

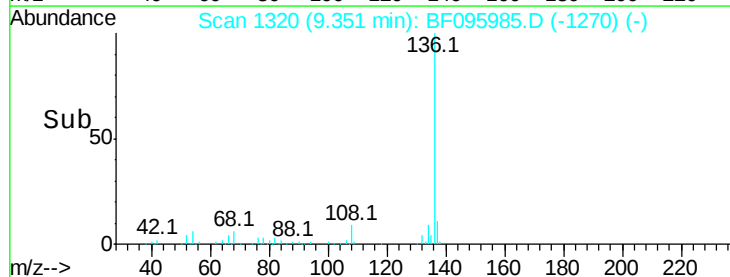
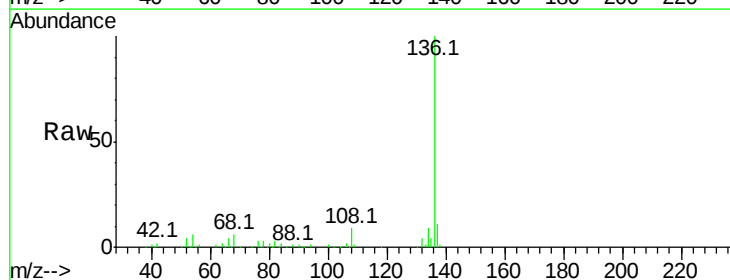
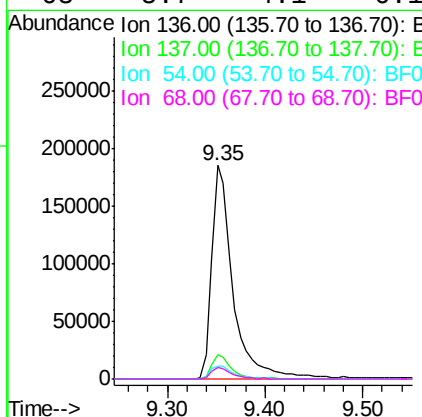
RT: 9.35 min Scan# 1320

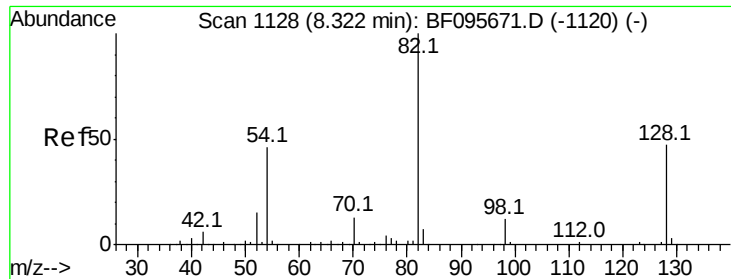
Delta R.T. -0.01 min

Lab File: BF095985.D

Acq: 17 Jun 2017 8:12

Tgt Ion:	136	Resp:	280486
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	6.3	4.9	7.3
68	5.7	4.1	6.1





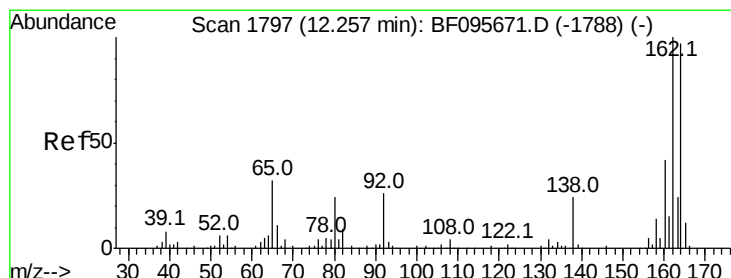
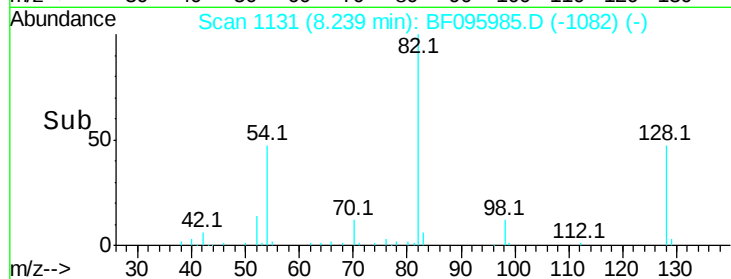
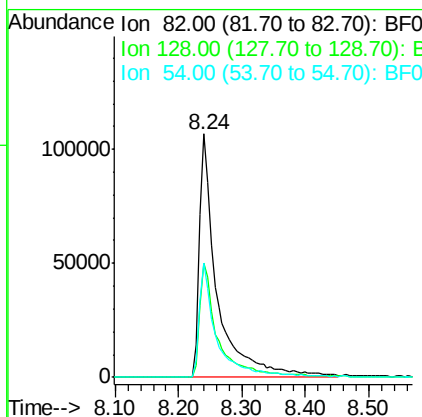
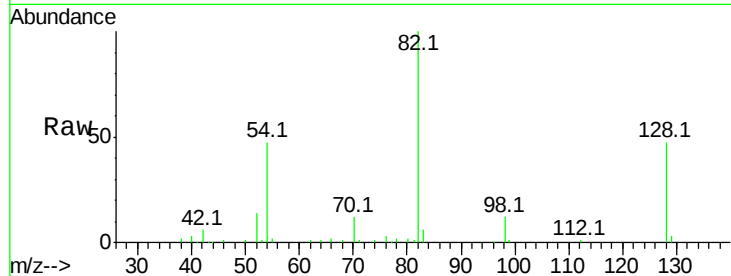
#23
Nitrobenzene-d5
Concen: 46.32 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :
G12-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.7	34.0	51.0	
54	47.1	42.2	63.2	

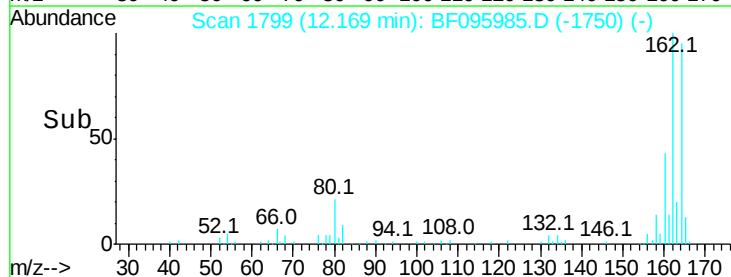
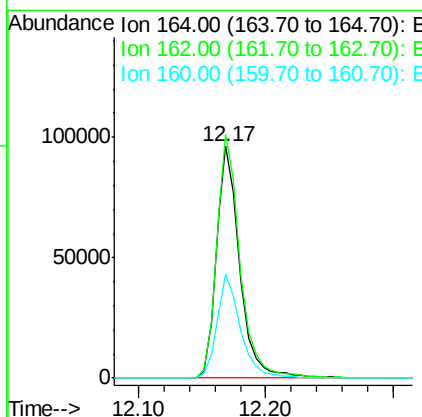
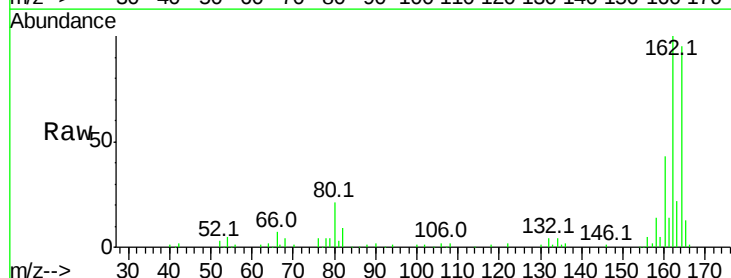
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.1	82.6	123.8	
160	44.8	36.2	54.2	





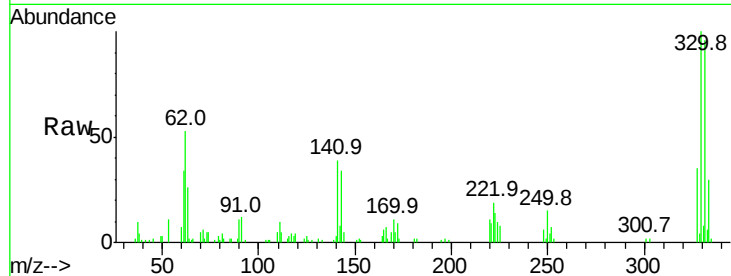
#41
 2,4,6-Tribromophenol
 Concen: 55.44 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095985.D
 Acq: 17 Jun 2017 8:12

Instrument :
 BNA_F
 ClientSampleId :
 G12-1.5-3

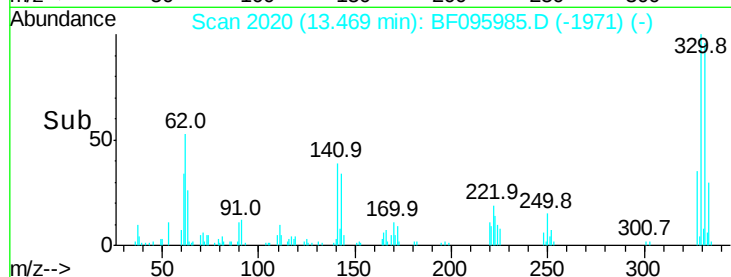
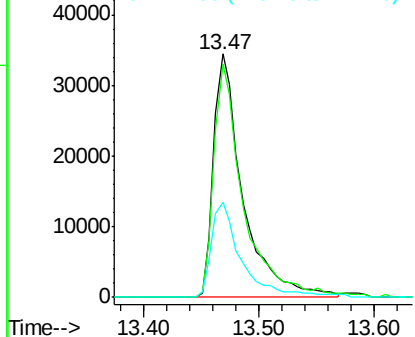
Tot Ion	Ratio	Resp	Lower	Upper
330	100	60862		
332	97.2	76.6	115.0	
141	40.0	31.4	47.2	

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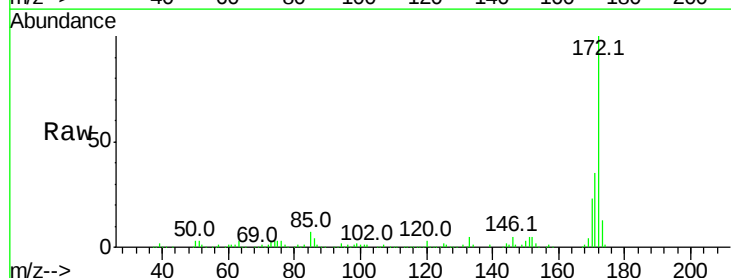


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

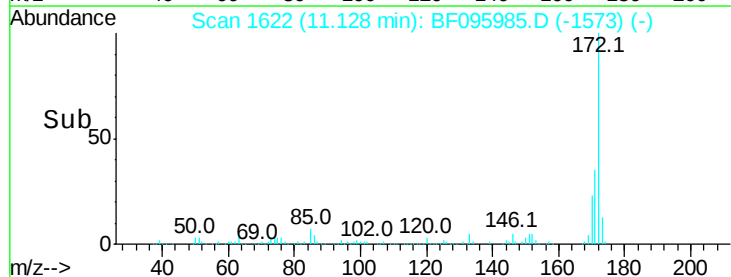
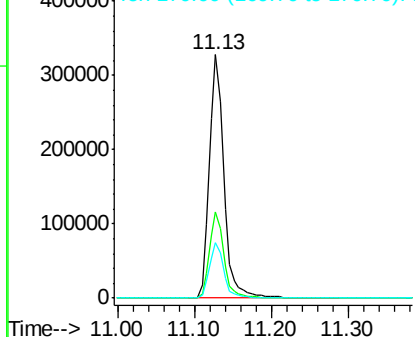


#44
 2-Fluorobiphenyl
 Concen: 47.67 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF095985.D
 Acq: 17 Jun 2017 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	425037		
171	35.2	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





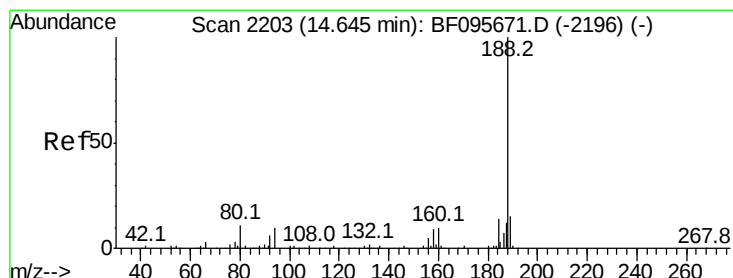
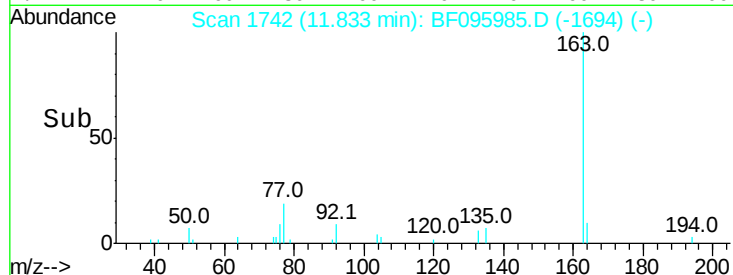
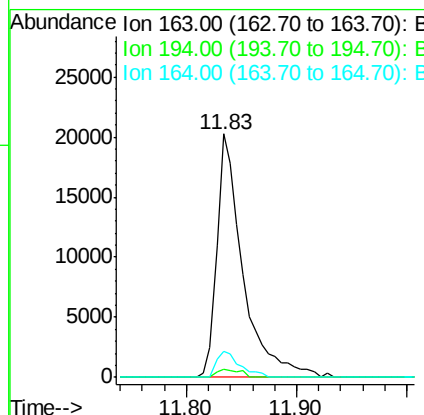
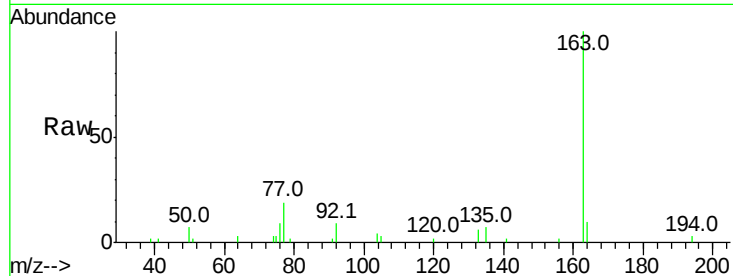
#49
Dimethylphthalate
Concen: 3.51 ng
RT: 11.83 min Scan# 1742
Delta R.T. -0.02 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampled :
G12-1.5-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6

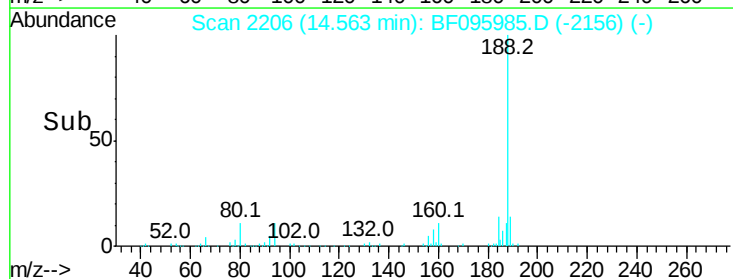
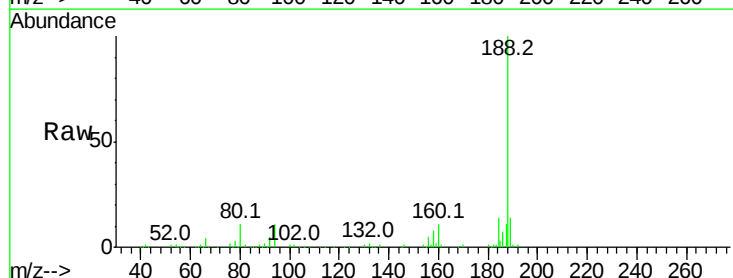
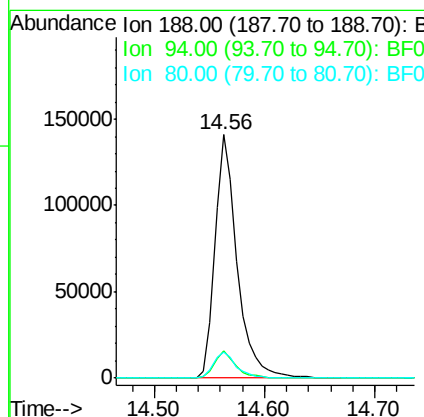
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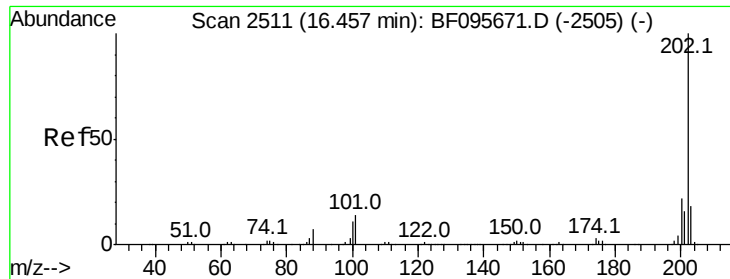
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.9	10.2	15.2





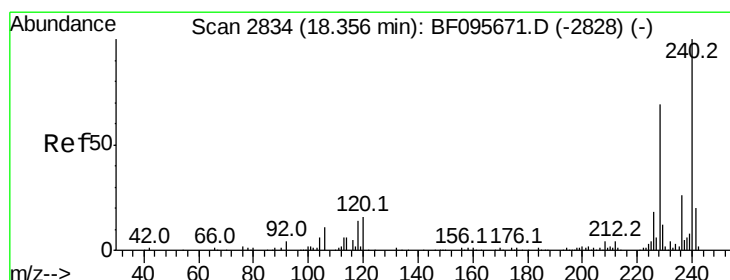
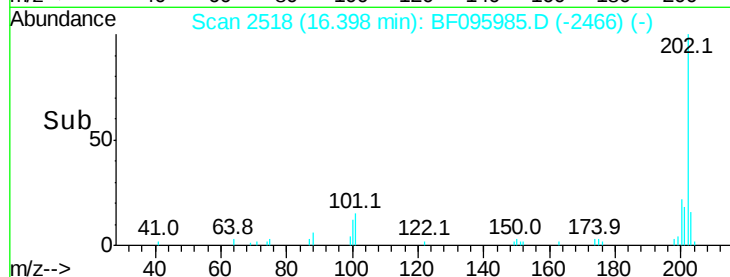
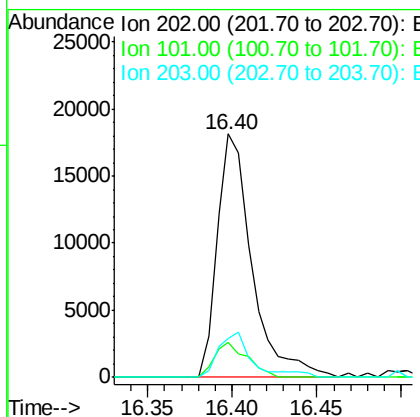
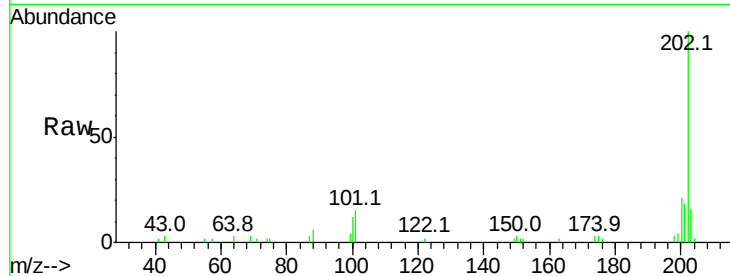
#74
 Fluoranthene
 Concen: 2.33 ng
 RT: 16.40 min Scan# 2518
 Delta R.T. 0.01 min
 Lab File: BF095985.D
 Acq: 17 Jun 2017 8:12

Instrument :
 BNA_F
 ClientSampleId :
 G12-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.5	0.0	33.2
203	16.0	0.0	38.1

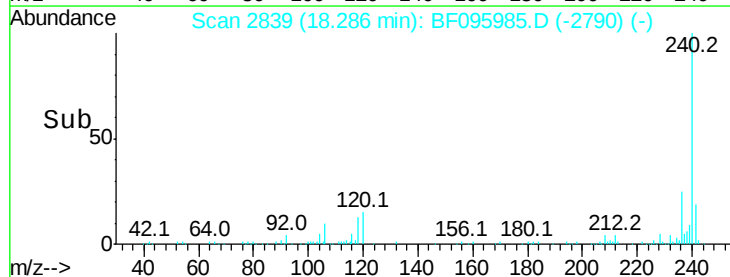
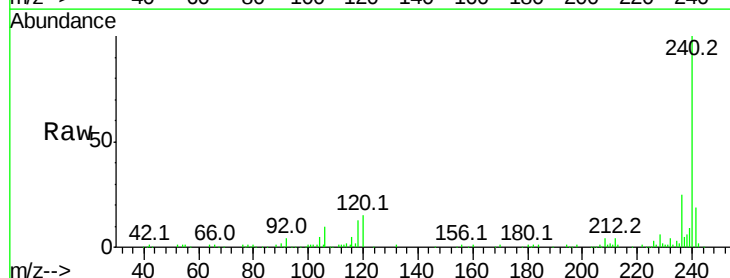
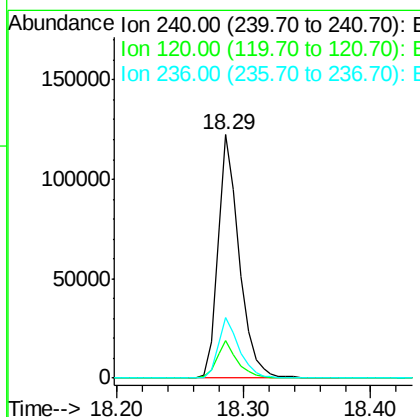
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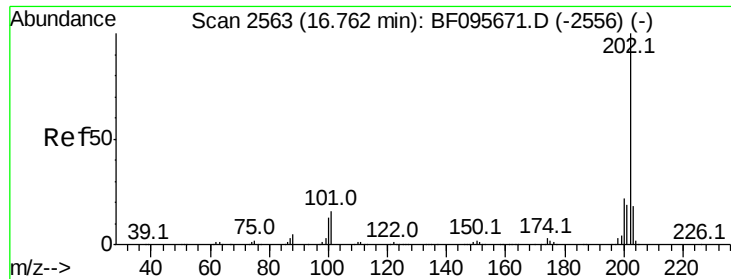
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2839
 Delta R.T. -0.01 min
 Lab File: BF095985.D
 Acq: 17 Jun 2017 8:12

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.6	20.5	30.7





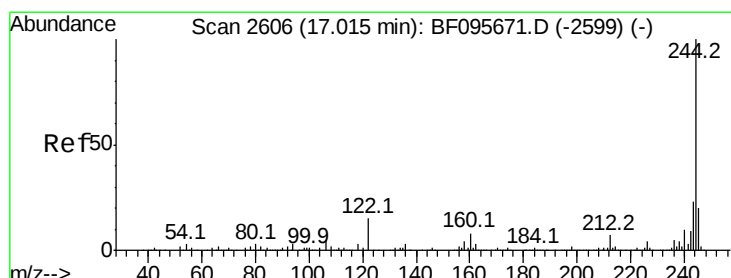
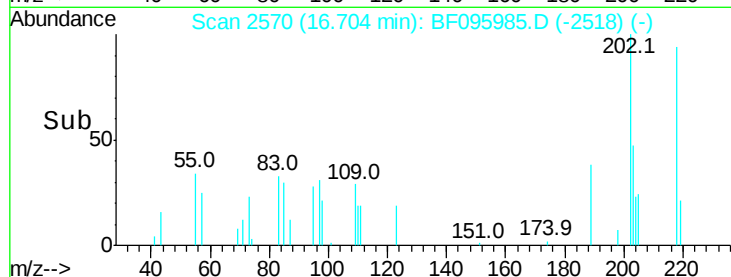
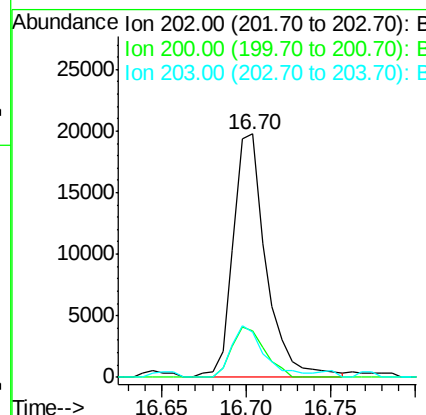
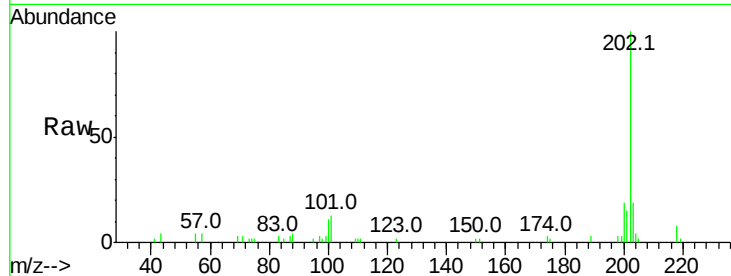
#77
Pvrene
Concen: 2.49 ng
RT: 16.70 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampled :
G12-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.1	17.6	26.4
203	18.5	14.4	21.6

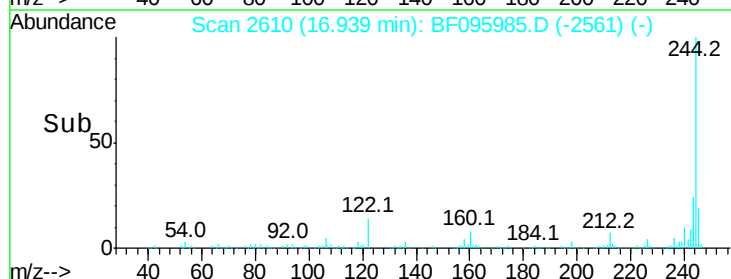
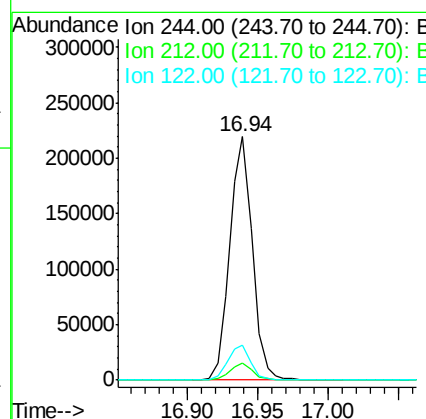
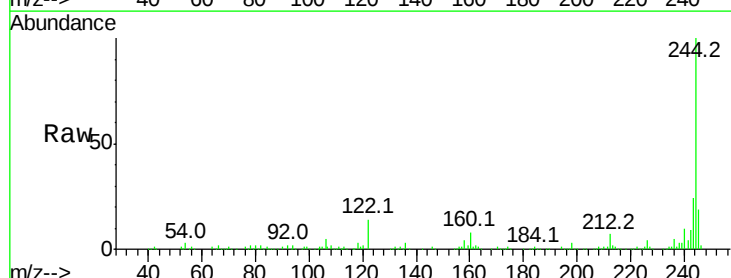
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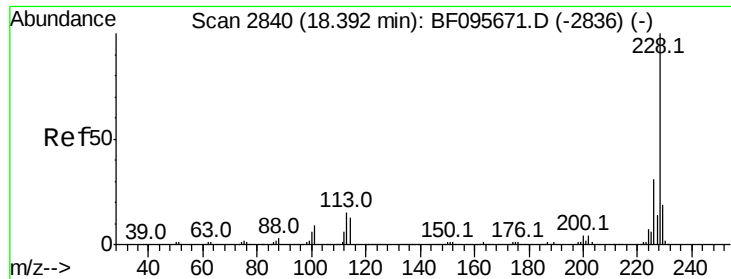
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#78
Terphenyl-d14
Concen: 41.86 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.3	10.3	15.5





#82

Chrysene

Concen: 2.74 ng

RT: 18.33 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF095985.D

Acq: 17 Jun 2017 8:12

Instrument :

BNA_F

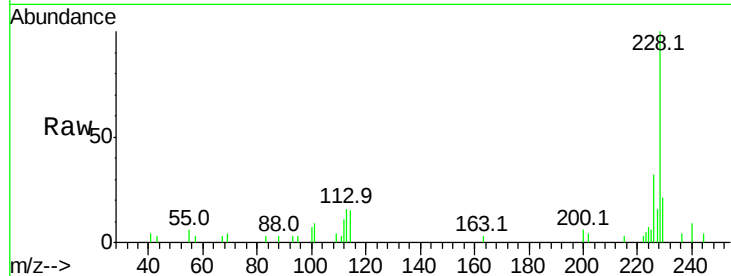
ClientSampled :

G12-1.5-3

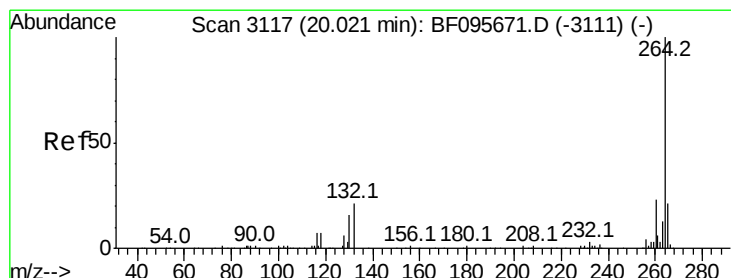
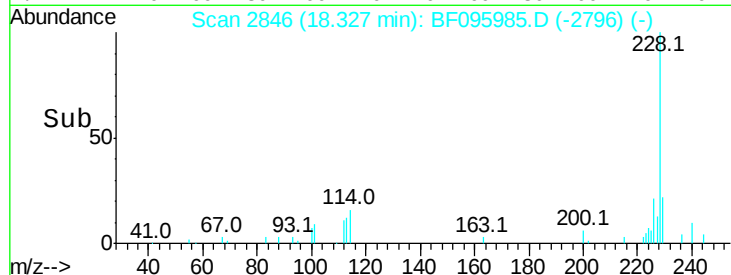
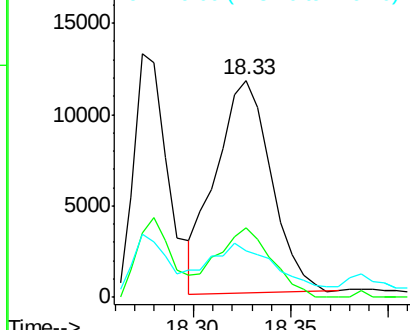
Tot Ion:	228	Resp:	22944
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.9	37.3
229	21.3	15.8	23.6

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 19.96 min Scan# 3123

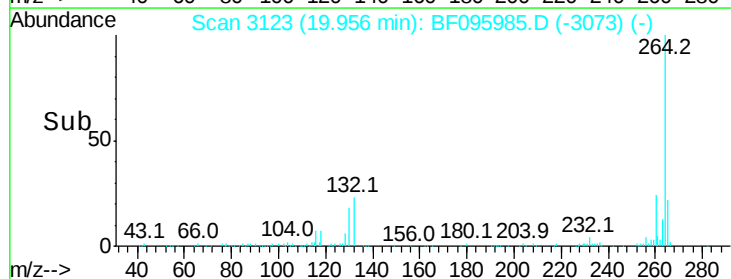
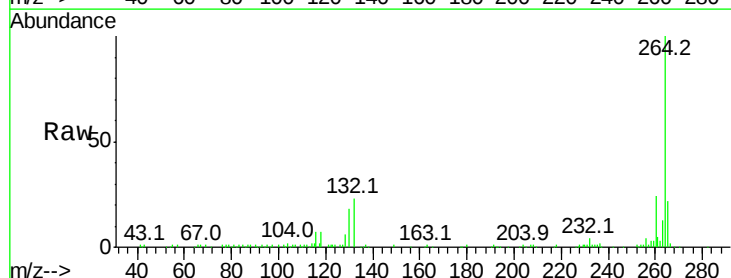
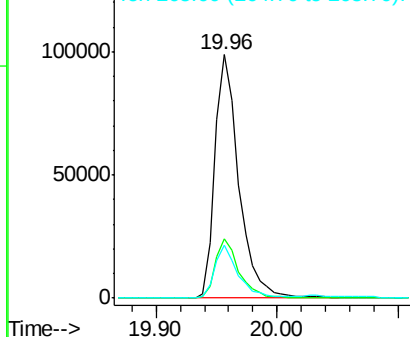
Delta R.T. -0.01 min

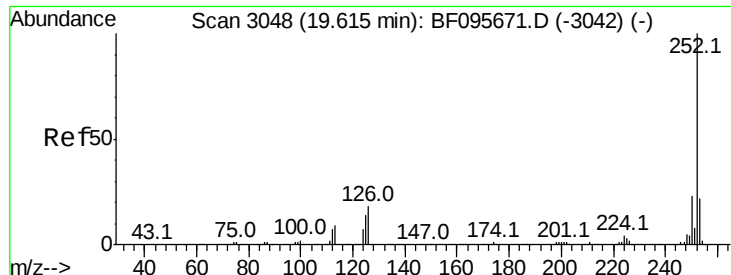
Lab File: BF095985.D

Acq: 17 Jun 2017 8:12

Tgt Ion:	264	Resp:	134481
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.5	29.3
265	21.7	17.2	25.8

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





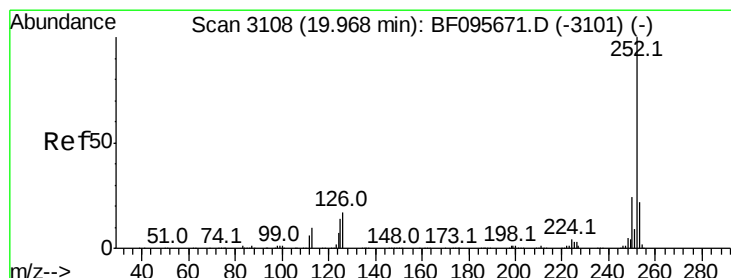
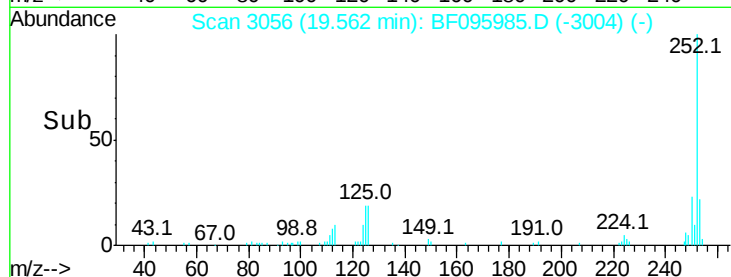
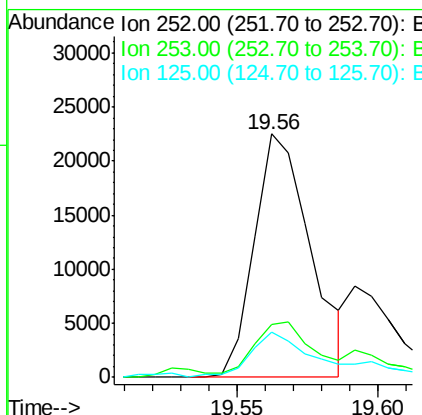
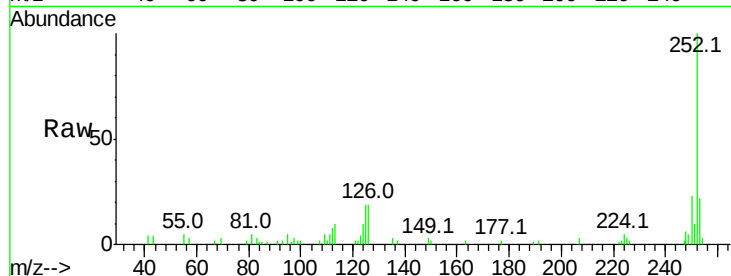
#87
Benzo(b)fluoranthene
Concen: 3.69 ng
RT: 19.56 min Scan# 3056
Delta R.T. 0.01 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Instrument :
BNA_F
ClientSampleId :
G12-1.5-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	18.7	9.8	14.8

Manual Integrations
APPROVED

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#89
Benzo(a)pyrene
Concen: 2.01 ng
RT: 19.91 min Scan# 3115
Delta R.T. 0.00 min
Lab File: BF095985.D
Acq: 17 Jun 2017 8:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	17.5	11.0	16.4

