

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099968.D
 Acq On : 30 Oct 2017 19:03
 Operator : SJ/JU
 Sample : I6194-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-102717

Manual Integrations
 APPROVED

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 10/31/2017 7:41:13 PM

Quant Time: Oct 31 03:04:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	88349	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	361344	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	162672	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	260932	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	177326	20.00	ng	-0.01
86) Perylene-d12	15.47	264	158763	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	115822	20.58	ng	0.00
7) Phenol-d6	6.43	99	189236	28.36	ng	0.00
23) Nitrobenzene-d5	7.36	82	106374	18.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	17040	11.49	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	226811	21.51	ng	-0.02
78) Terphenyl-d14	12.90	244	161506	19.90	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.54	163	43317	3.363	ng	99
74) Fluoranthene	12.54	202	51606	3.372	ng	97
77) Pyrene	12.77	202	44829	3.325	ng	99
82) Chrysene	14.00	228	21794m	2.062	ng	
87) Benzo(b)fluoranthene	15.04	252	33134m	3.305	ng	

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

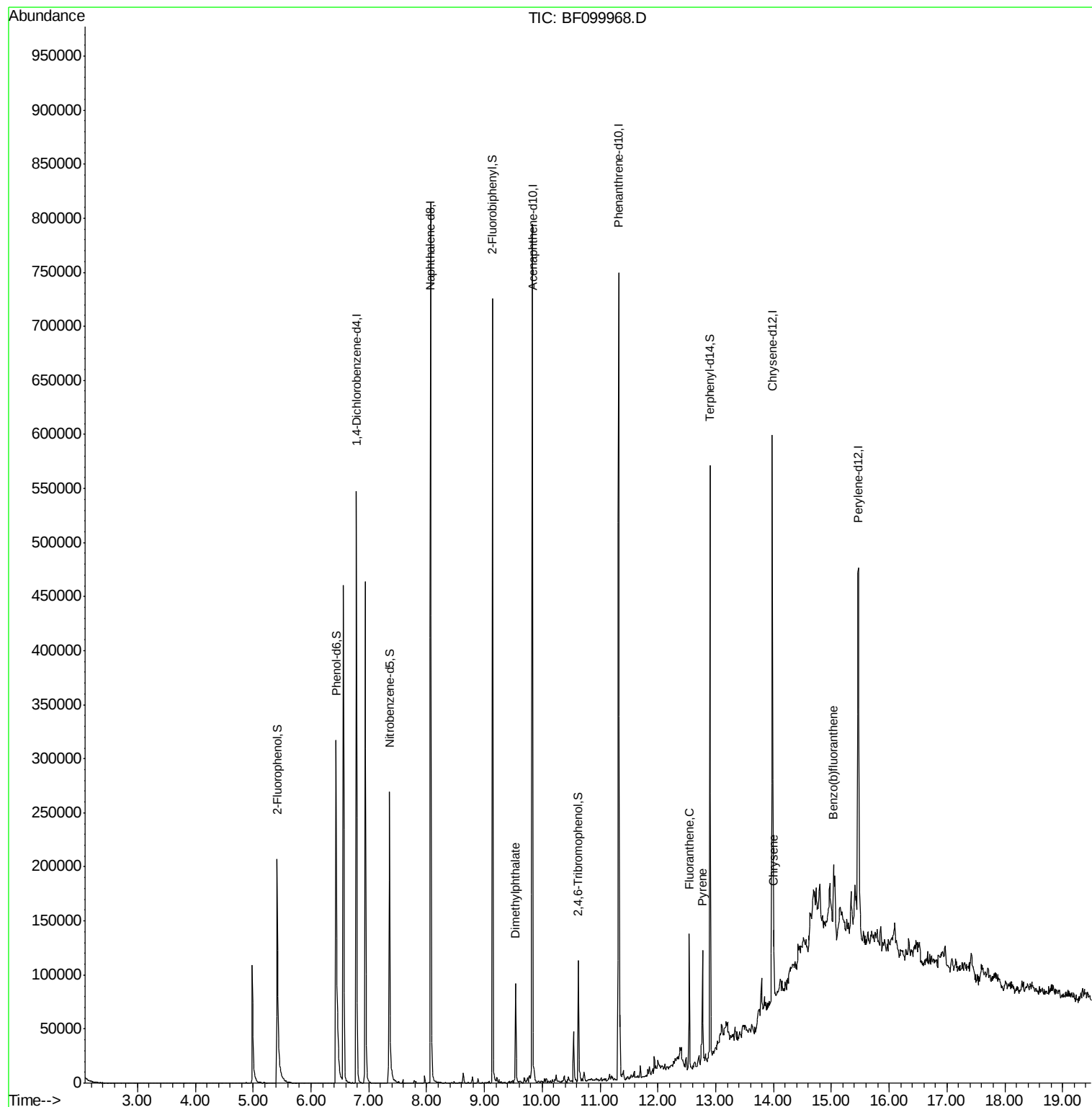
Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
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#1

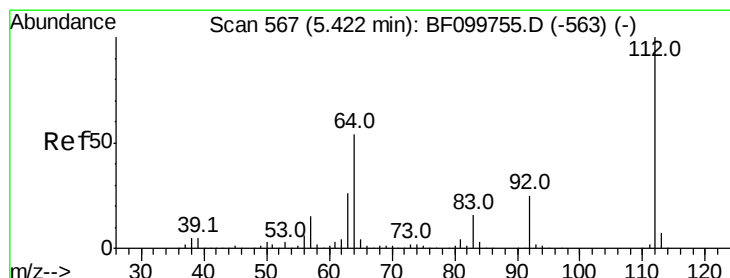
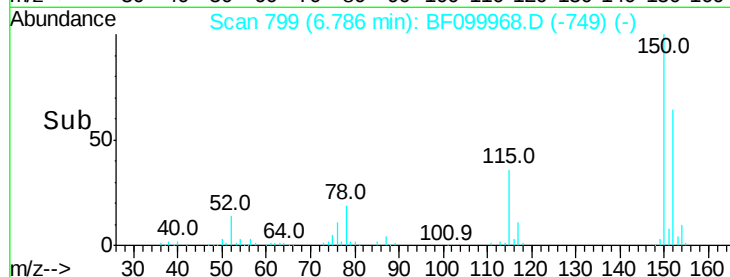
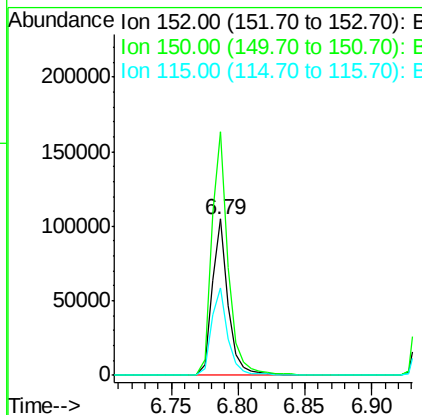
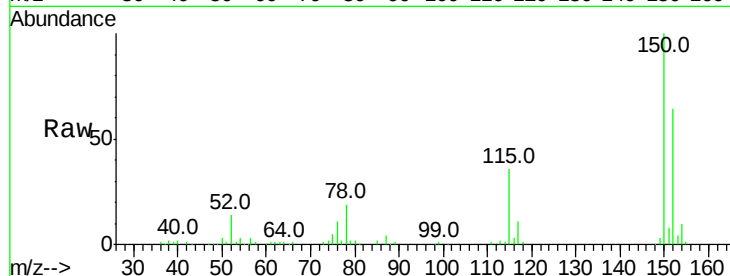
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
BU-01-102717

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	55.6	50.1	75.1

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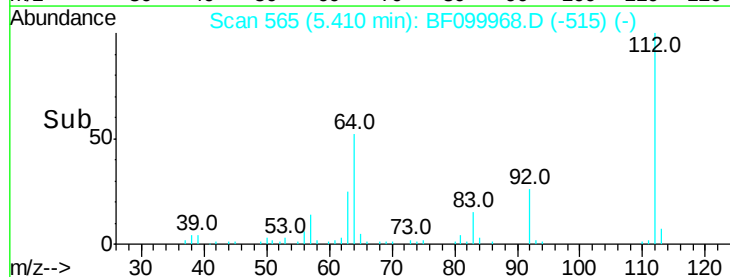
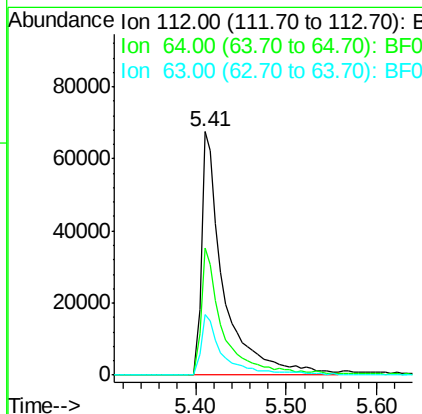
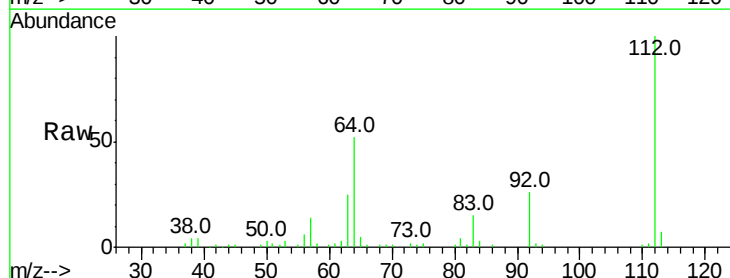
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#5

2-Fluorophenol
Concen: 20.582 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	47.9	71.9
63	24.9	23.7	35.5





#7

Phenol-d6

Concen: 28.360 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

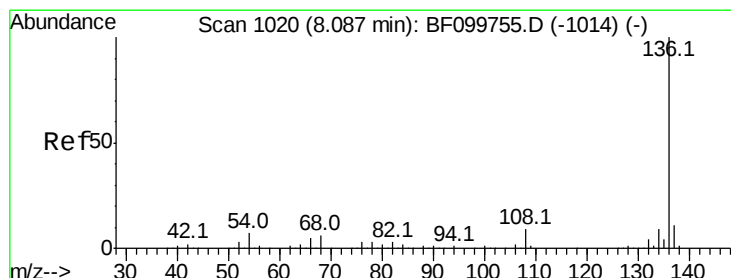
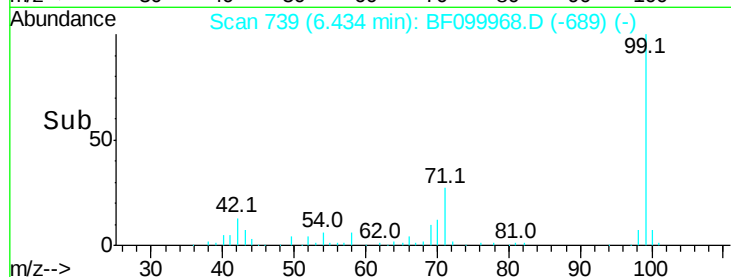
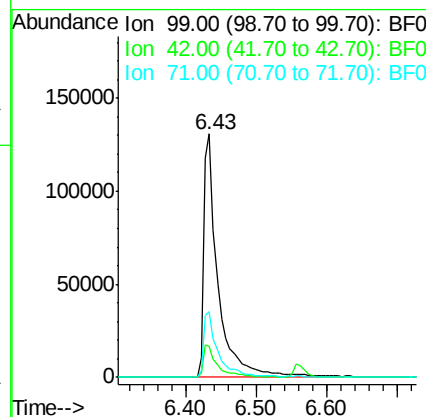
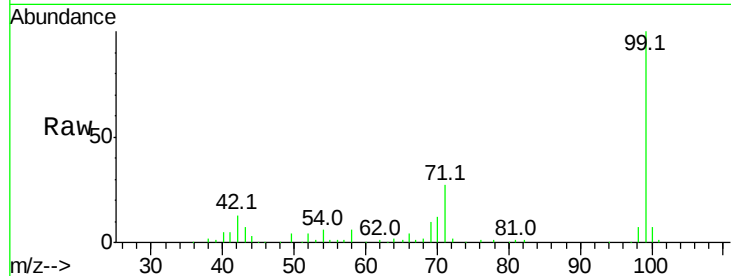
ClientSampleId :

BU-01-102717

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		189236		
42	12.7	14.5	21.7#		
71	27.1	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

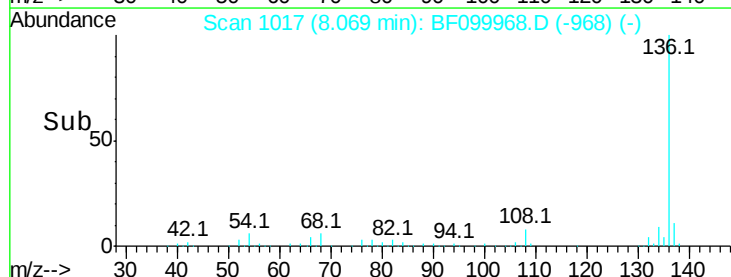
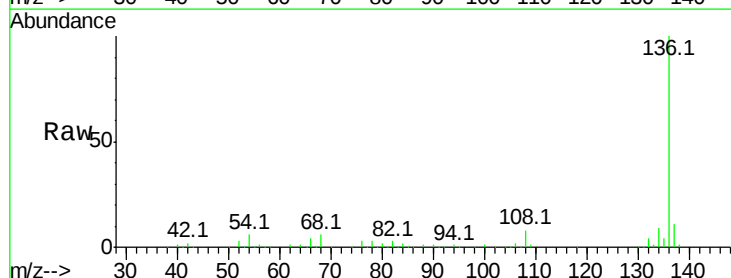
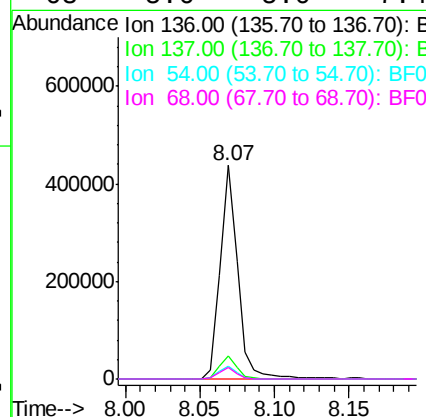
RT: 8.07 min Scan# 1017

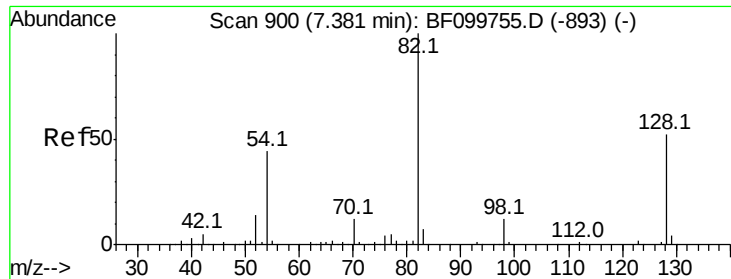
Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		361344		
137	11.1	8.9	13.3		
54	6.2	6.6	9.8#		
68	5.6	5.0	7.4		





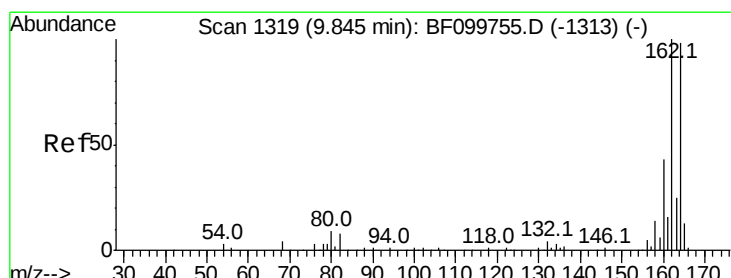
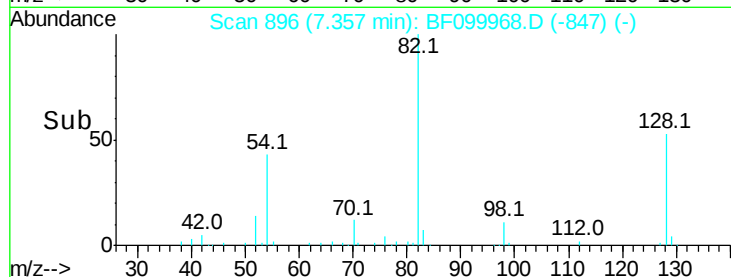
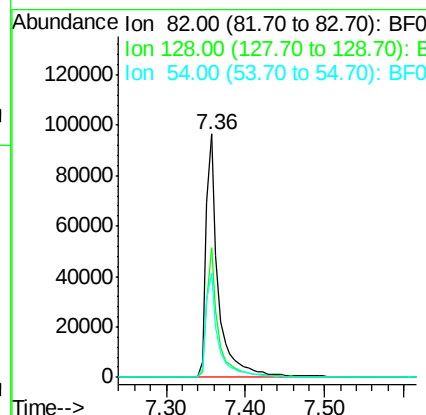
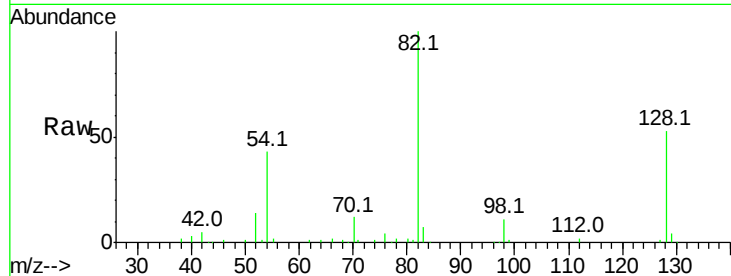
#23
Nitrobenzene-d5
Concen: 18.953 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
BU-01-102717

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.1	36.1	54.1
54	42.7	41.4	62.2

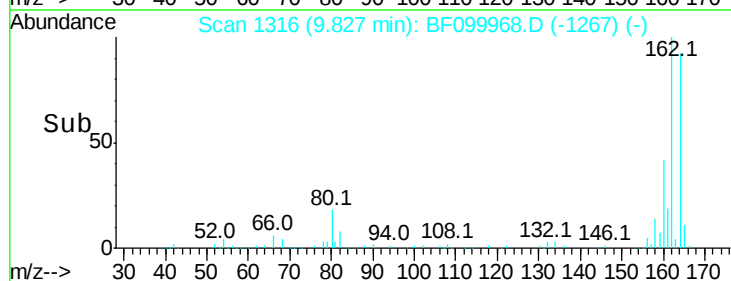
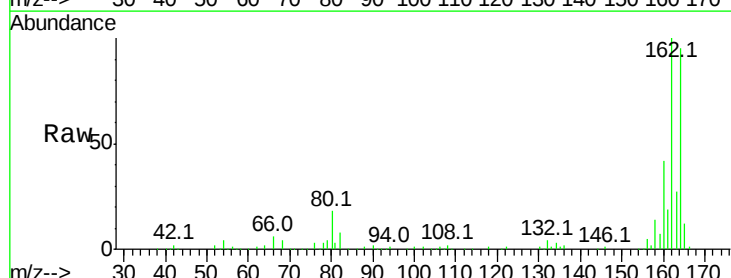
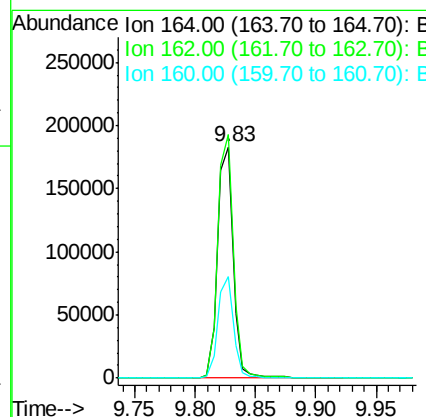
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	44.2	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 11.494 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

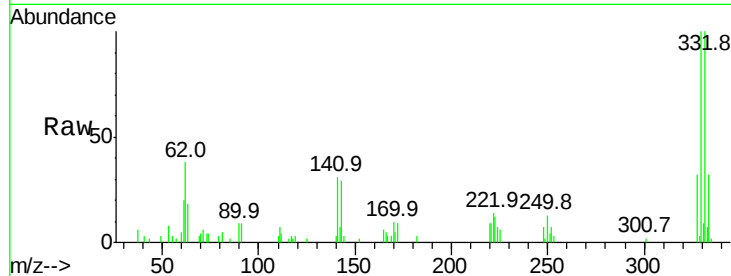
ClientSampleId :

BU-01-102717

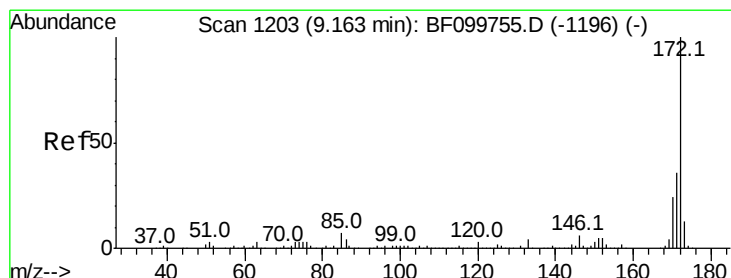
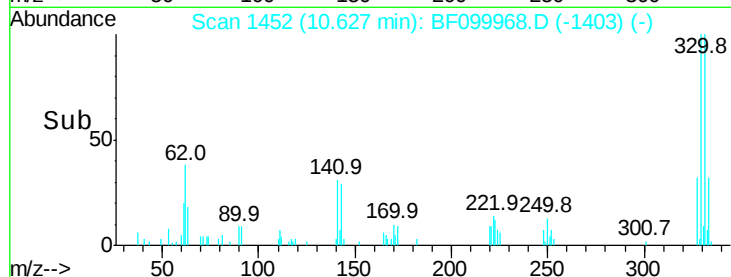
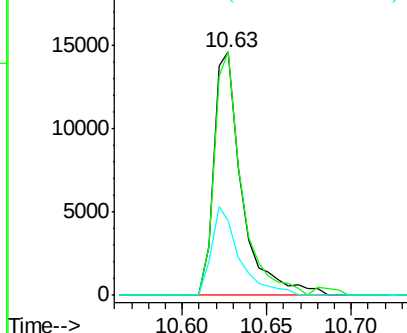
Tot Ion:	330	Resp:	17040
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	36.0	29.9	44.9

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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: 21.512 ng

RT: 9.14 min Scan# 1199

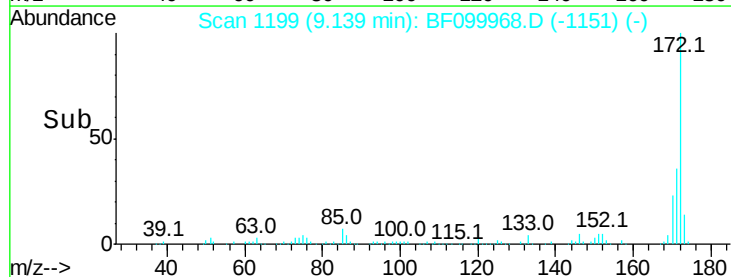
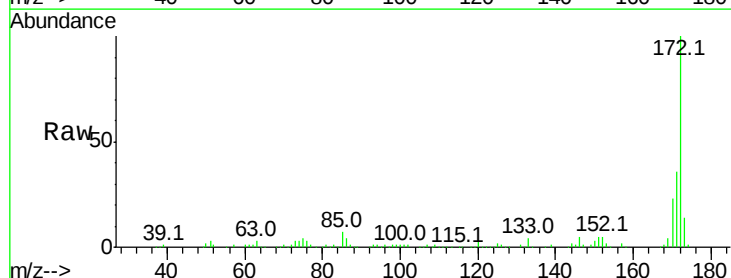
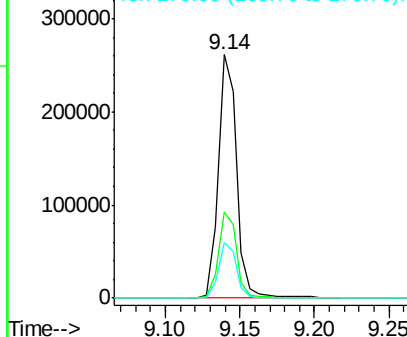
Delta R.T. -0.02 min

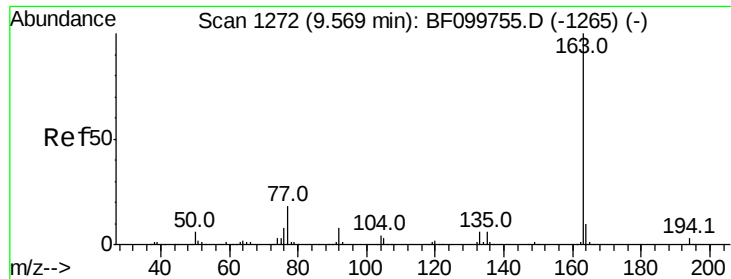
Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Tgt Ion:	172	Resp:	226811
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	22.9	19.6	29.4

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





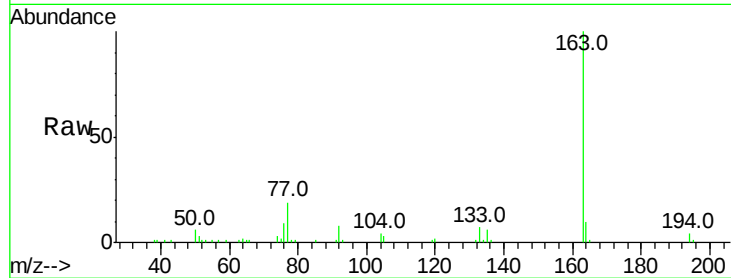
#49
Dimethylphthalate
Concen: 3.363 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
BU-01-102717

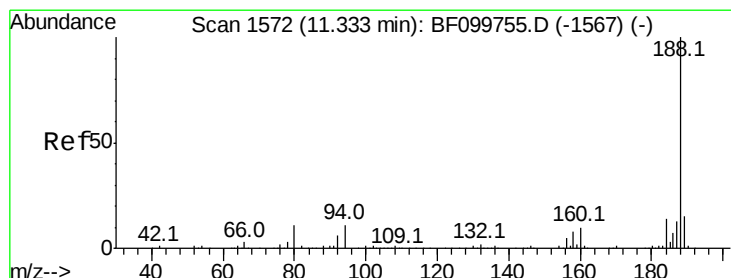
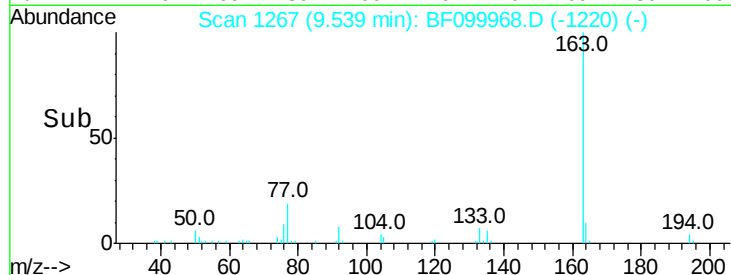
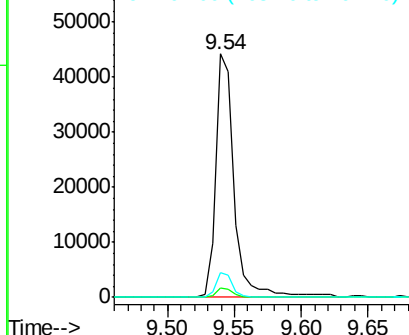
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.4	8.2	12.2

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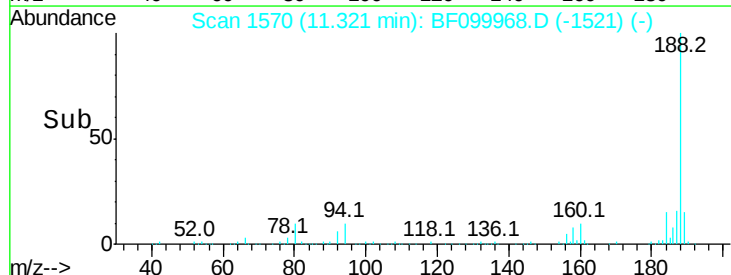
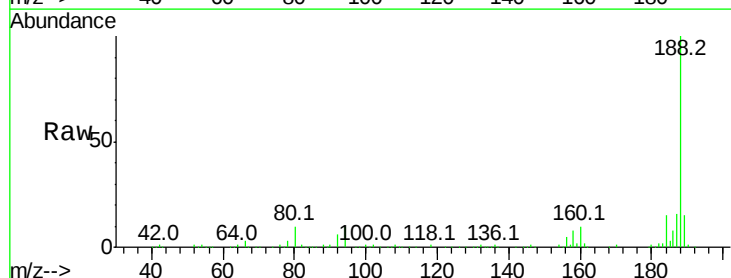
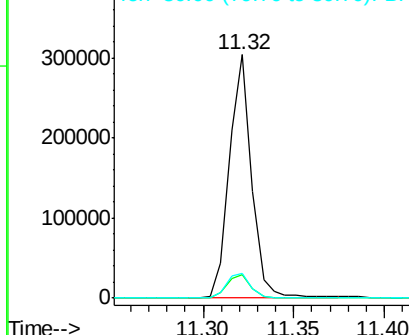
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

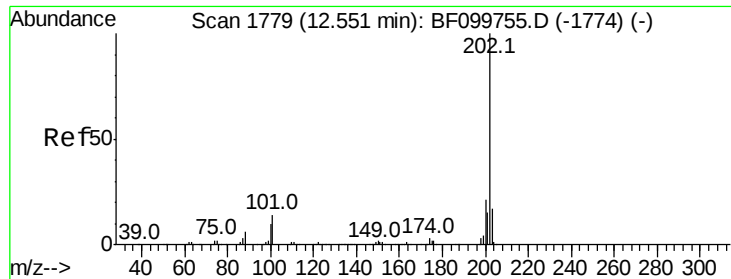


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

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: 3.372 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

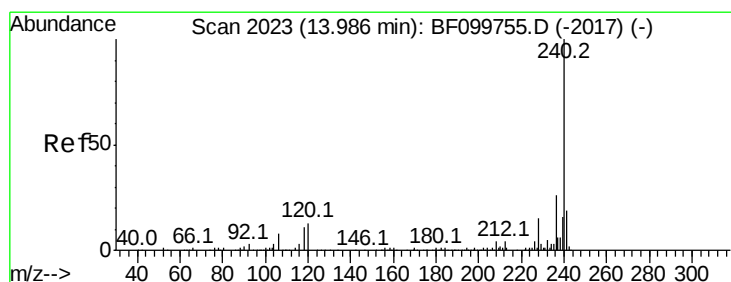
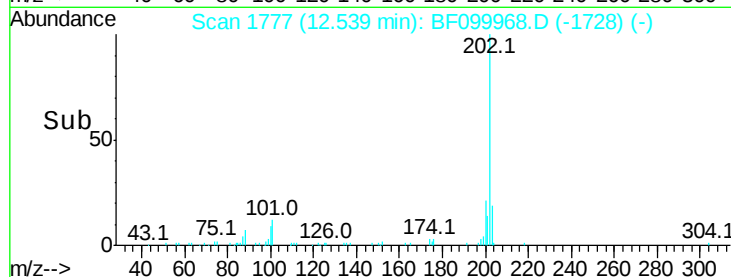
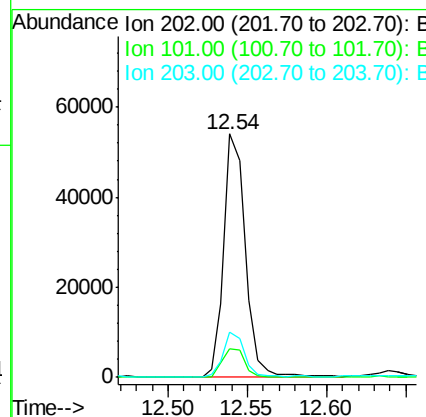
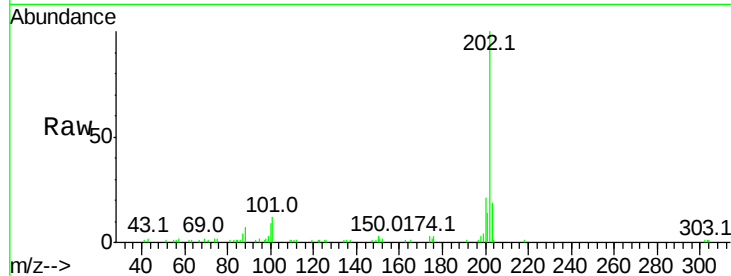
ClientSampled :

BU-01-102717

Tot Ion:	202	Resp:	51606
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	34.1
203	18.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

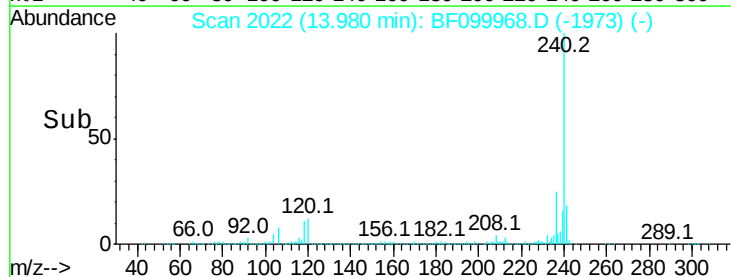
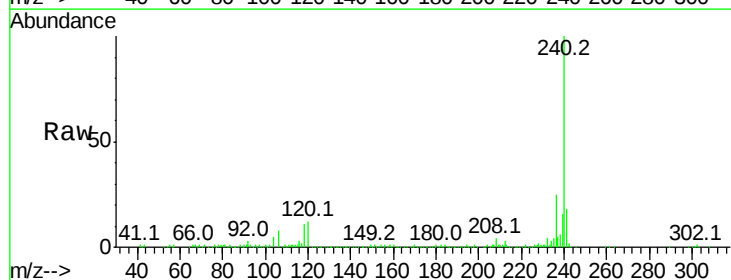
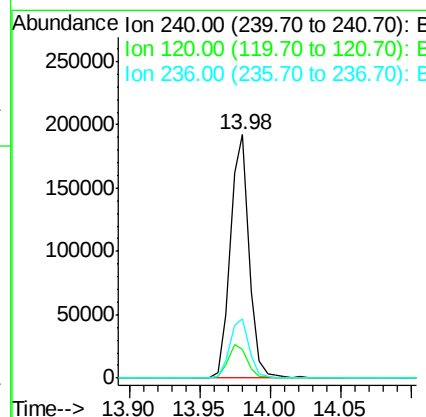
RT: 13.98 min Scan# 2022

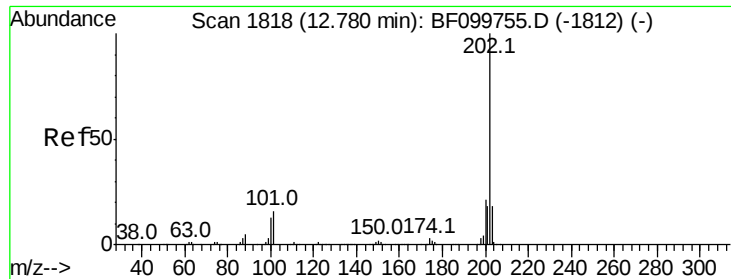
Delta R.T. -0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Tgt Ion:	240	Resp:	177326
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	24.5	20.7	31.1





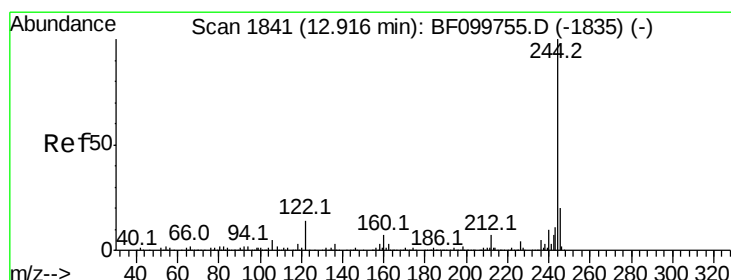
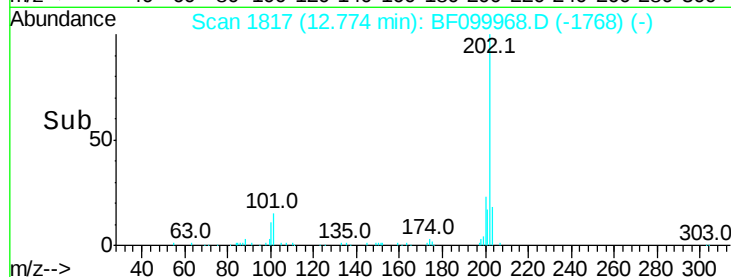
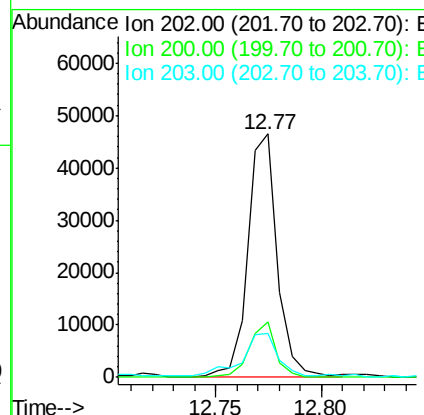
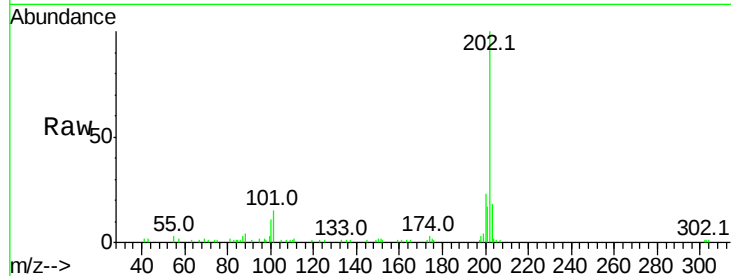
#77
Pvrene
Concen: 3.325 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :
BU-01-102717

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	17.9	14.3	21.5

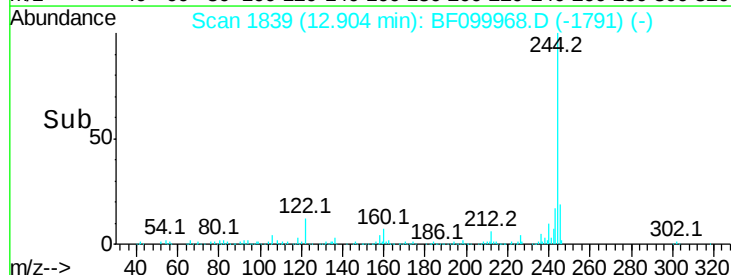
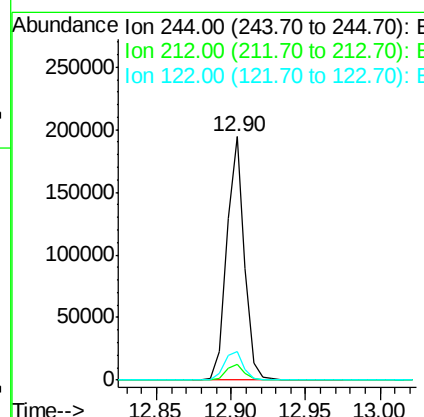
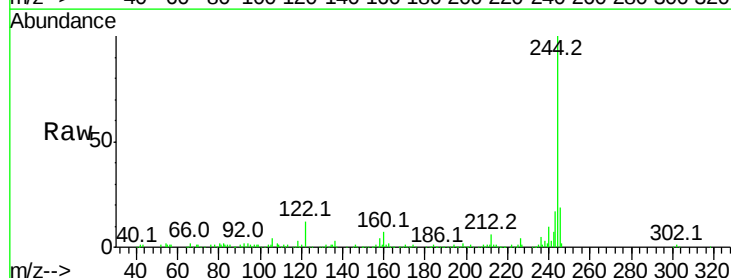
Manual Integrations
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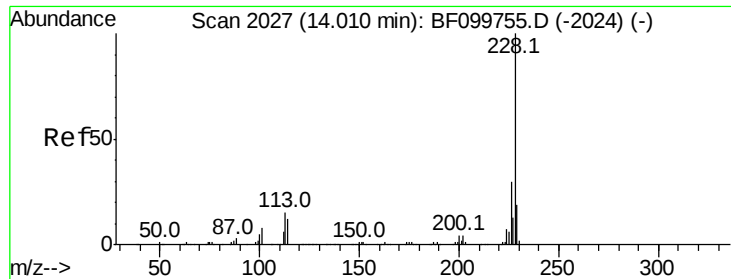
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#78
Terphenyl-d14
Concen: 19.904 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.02 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	12.0	11.0	16.4





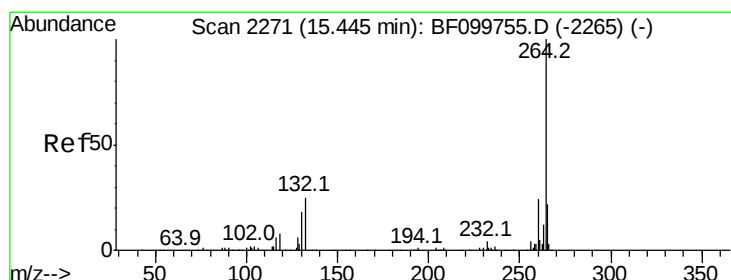
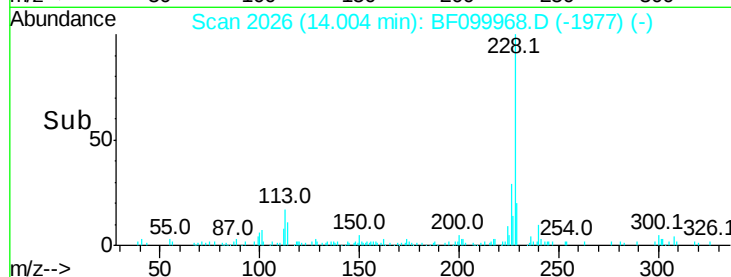
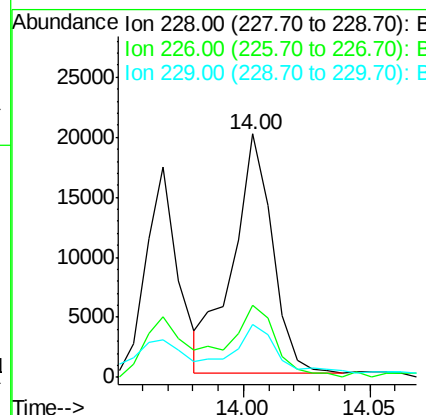
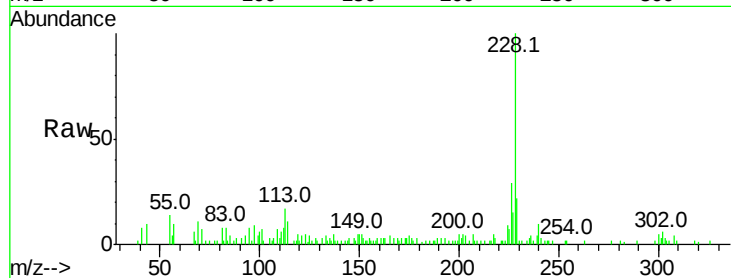
#82
Chrysene
Concen: 2.062 ng/mL
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleID :
BU-01-102717

Tot Ion:	228	Resp:	21794
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.6
229	21.8	16.2	24.4

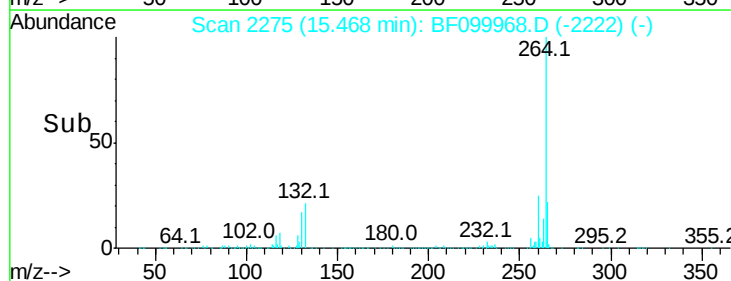
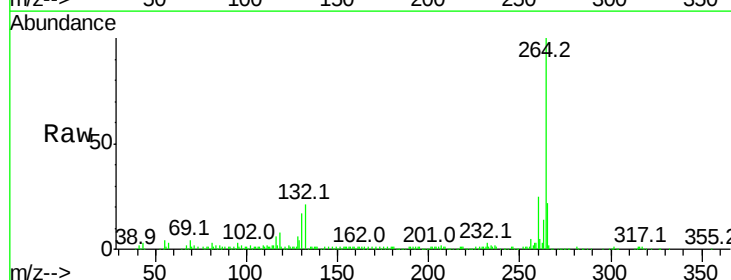
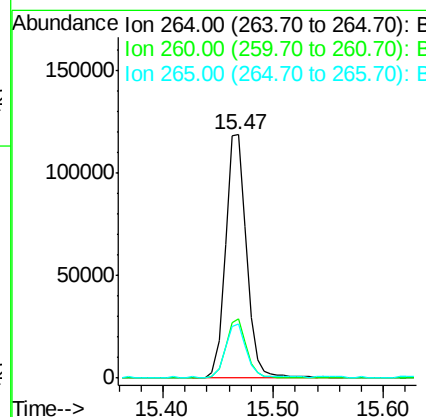
Manual Integrations
APPROVED

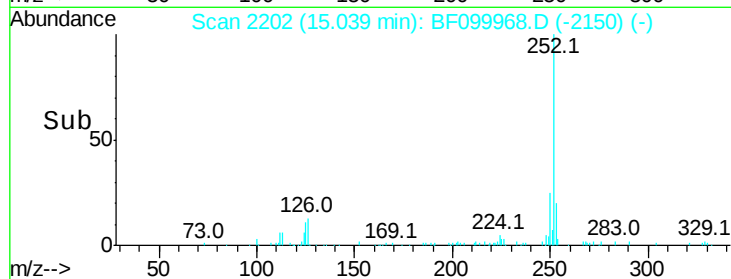
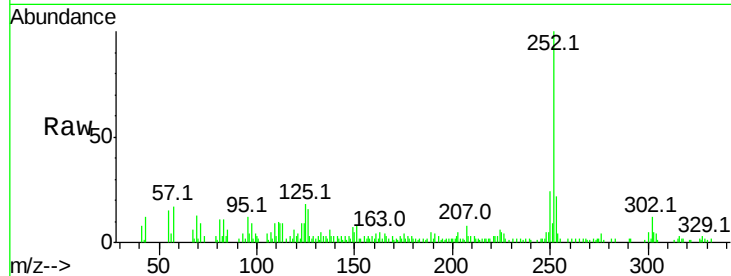
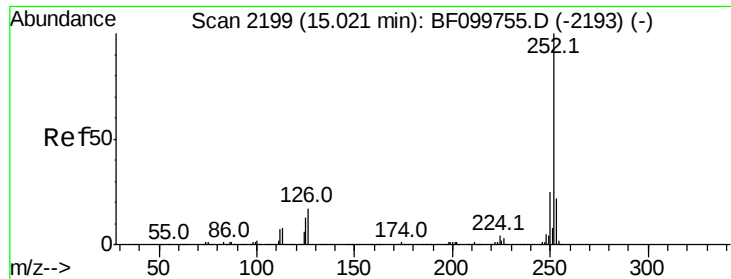
Sohil
10/31/2017 7:41:13 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF099968.D
Acq: 30 Oct 2017 19:03

Tgt Ion:	264	Resp:	158763
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.305 ng m

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF099968.D

Acq: 30 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

BU-01-102717

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	18.3	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/31/2017 7:41:13 PM

