

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099796.D
 Acq On : 24 Oct 2017 18:59
 Operator : SJ/JU
 Sample : I6025-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Manual Integrations
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Quant Time: Oct 25 08:25:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97618	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	403910	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	178303	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	283963	20.00	ng	0.00
75) Chrysene-d12	13.98	240	174443	20.00	ng	0.00
86) Perylene-d12	15.45	264	168482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	719821	115.77	ng	0.01
7) Phenol-d6	6.45	99	871356	118.19	ng	0.00
23) Nitrobenzene-d5	7.37	82	497528	79.30	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	170401	104.87	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	881781	76.30	ng	0.00
78) Terphenyl-d14	12.92	244	625655	78.38	ng	0.00
Target Compounds						
10) Phenol	6.46	94	17718	2.189	ng	90
77) Pyrene	12.78	202	30344	2.288	ng	97
80) Benzo(a)anthracene	13.97	228	23465	2.122	ng	98
82) Chrysene	14.01	228	25719	2.474	ng	97

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

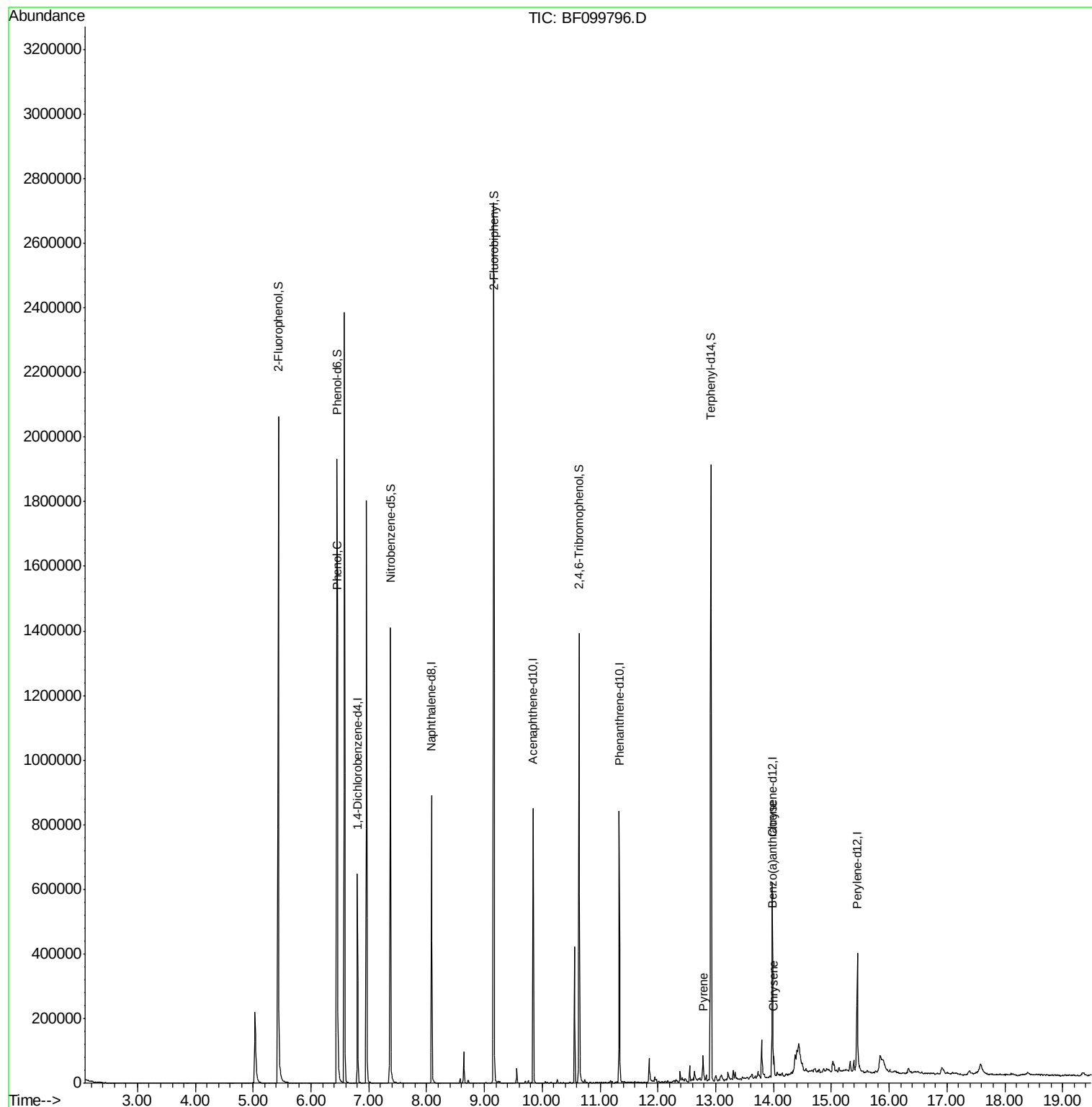
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099796.D
Acq On : 24 Oct 2017 18:59
Operator : SJ/JU
Sample : I6025-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

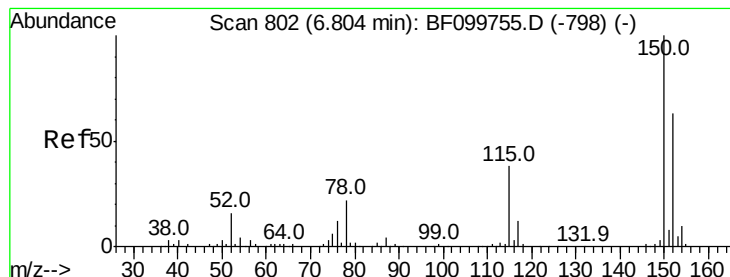
Instrument :
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SB-01

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#1

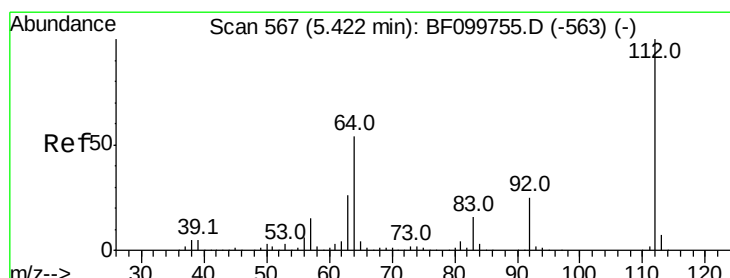
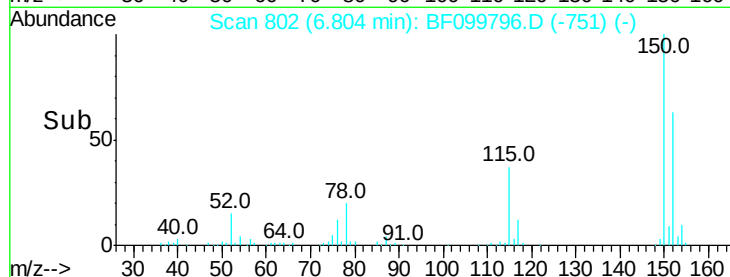
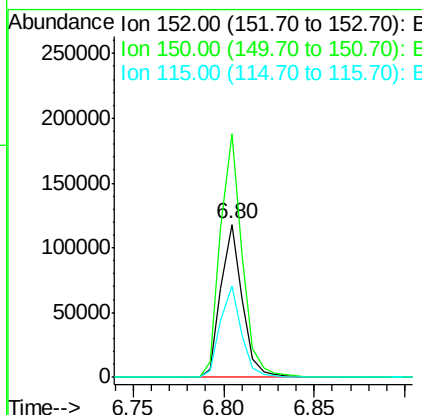
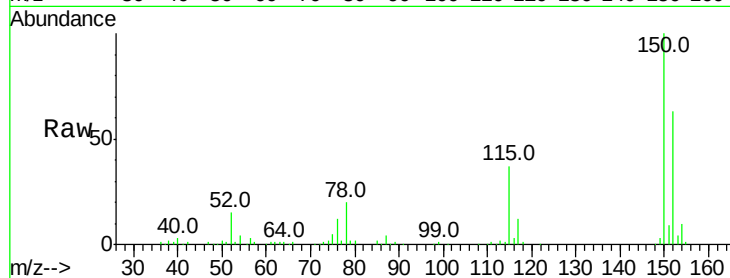
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099796.D
Acq: 24 Oct 2017 18:59

Instrument :
BNA_F
ClientSampled :
SB-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	59.6	50.1	75.1

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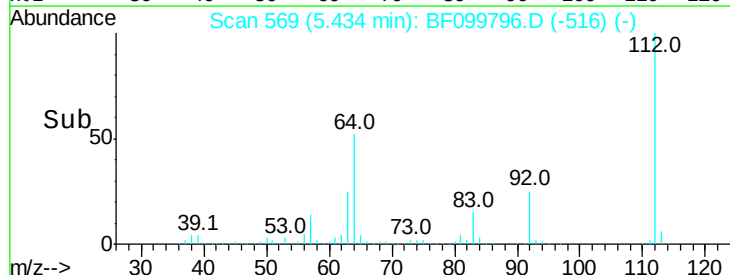
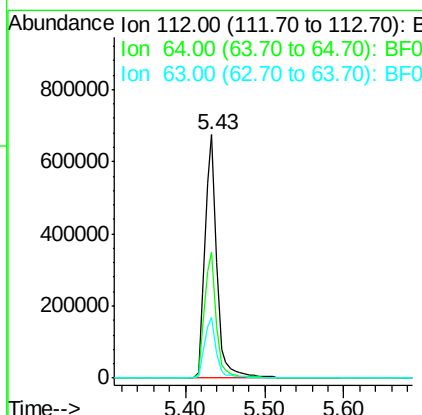
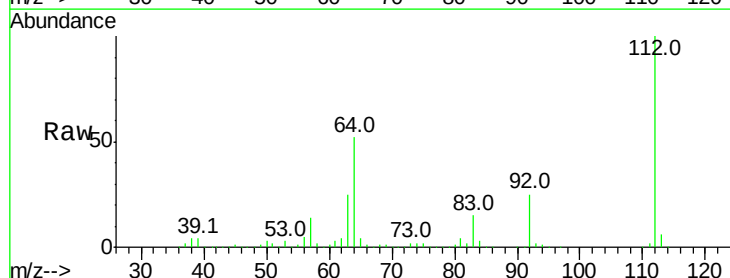
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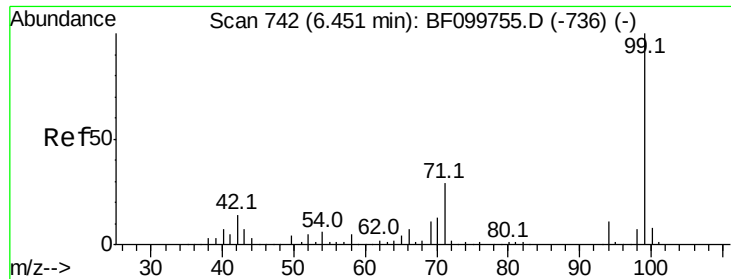


#5

2-Fluorophenol
Concen: 115.767 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099796.D
Acq: 24 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.9	71.9
63	24.8	23.7	35.5





#7

Phenol-d6

Concen: 118.188 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099796.D

Acq: 24 Oct 2017 18:59

Instrument :

BNA_F

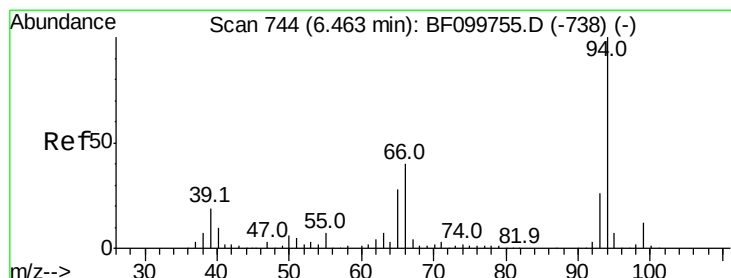
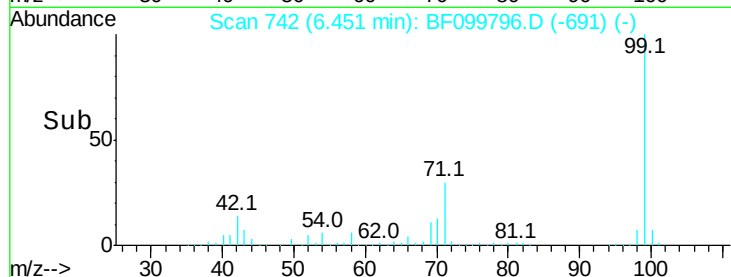
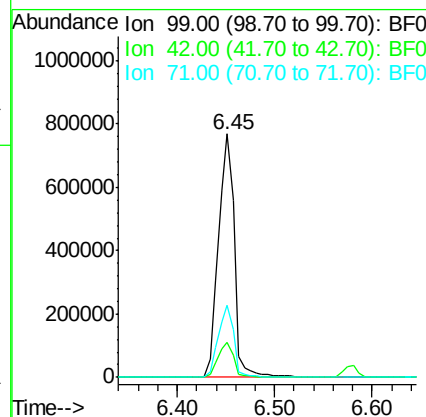
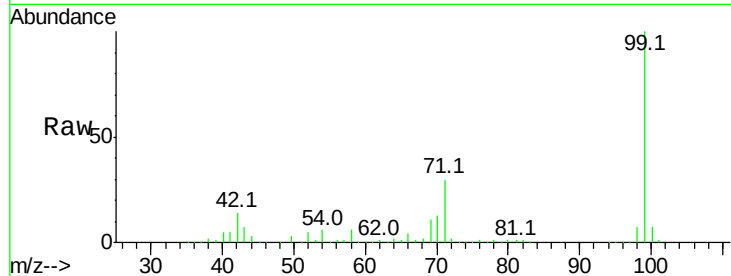
ClientSampled :

SB-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		871356		
42	14.2	14.5	21.7#		
71	29.6	25.4	38.0		

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#10

Phenol

Concen: 2.189 ng

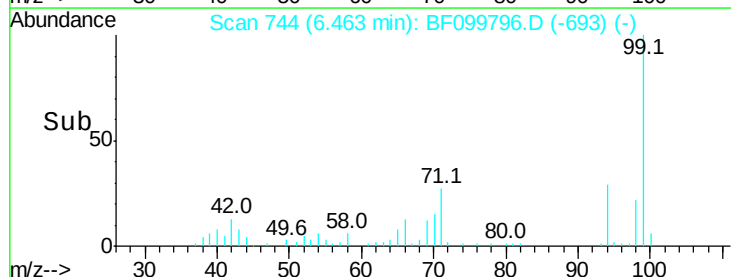
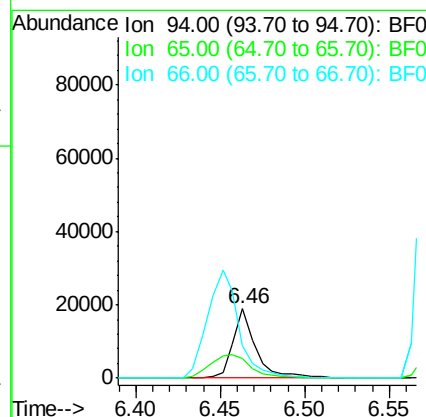
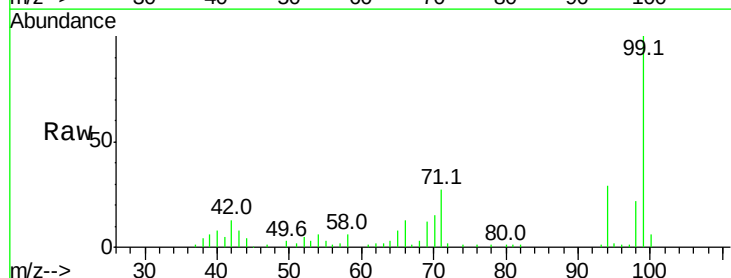
RT: 6.46 min Scan# 744

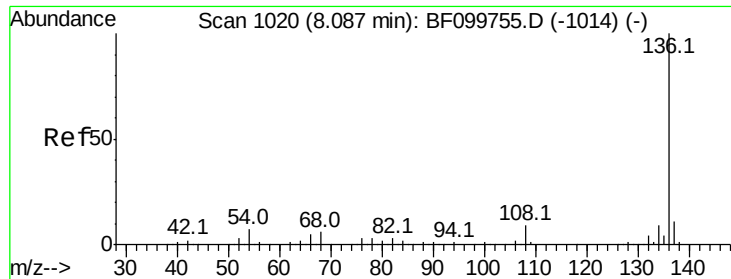
Delta R.T. -0.00 min

Lab File: BF099796.D

Acq: 24 Oct 2017 18:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		17718		
65	27.9	7.9	47.9		
66	46.3	16.2	56.2		





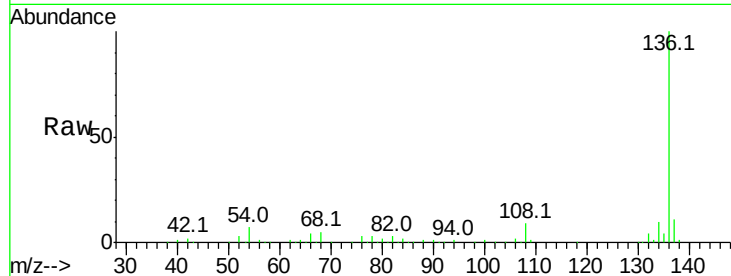
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099796.D
Acq: 24 Oct 2017 18:59

Instrument :
BNA_F
ClientSampled :
SB-01

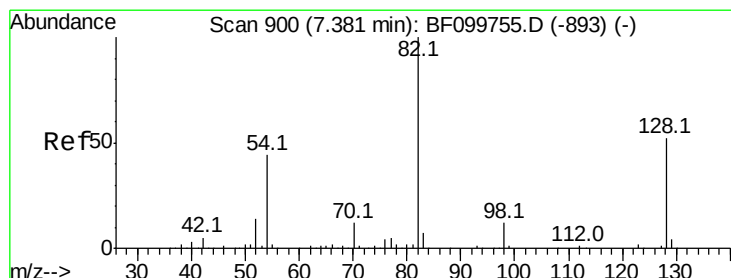
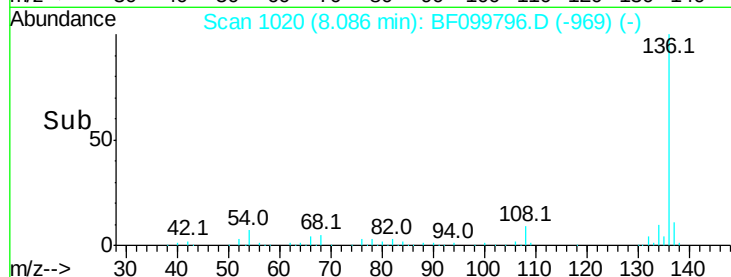
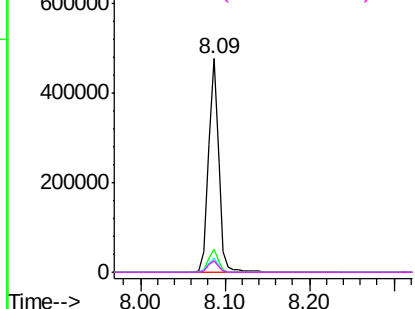
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	6.6	6.6	9.8	
68	5.4	5.0	7.4	

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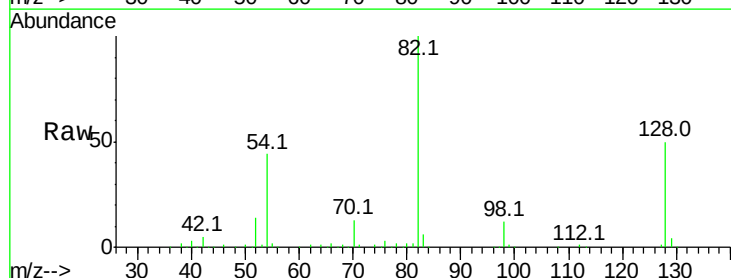


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

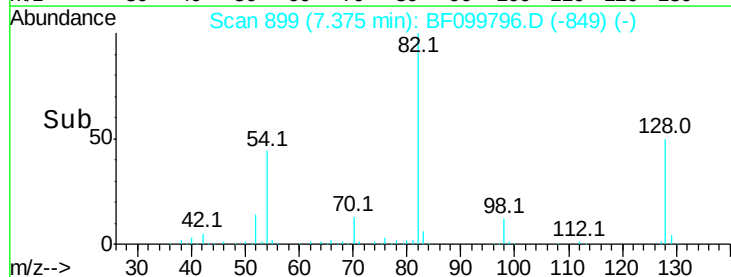
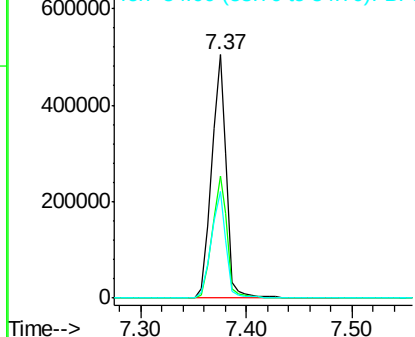


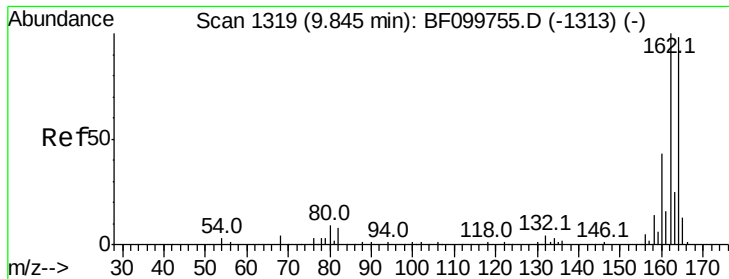
#23
Nitrobenzene-d5
Concen: 79.303 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099796.D
Acq: 24 Oct 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	50.2	36.1	54.1	
54	43.9	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





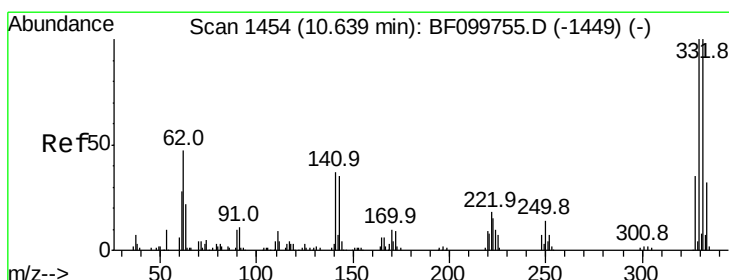
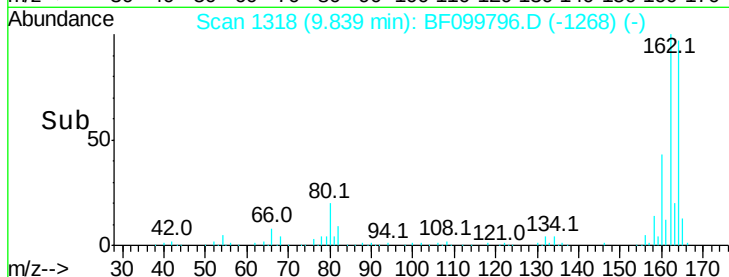
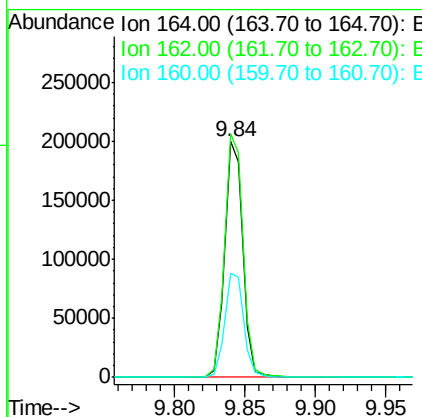
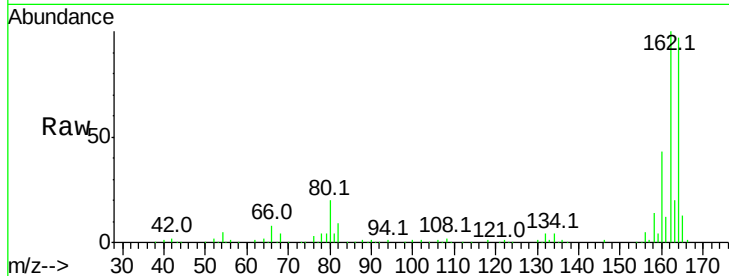
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099796.D
Acq: 24 Oct 2017 18:59

Instrument :
BNA_F
ClientSampled :
SB-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100	178303		
162	103.5	86.1	129.1	
160	44.4	38.3	57.5	

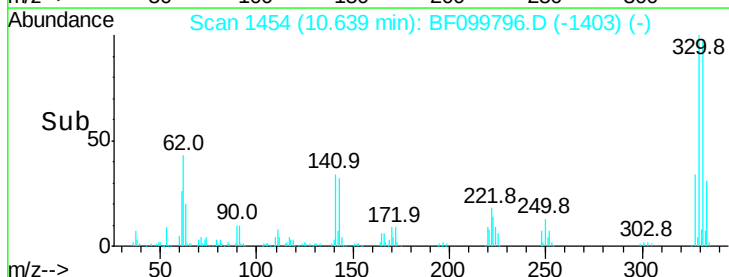
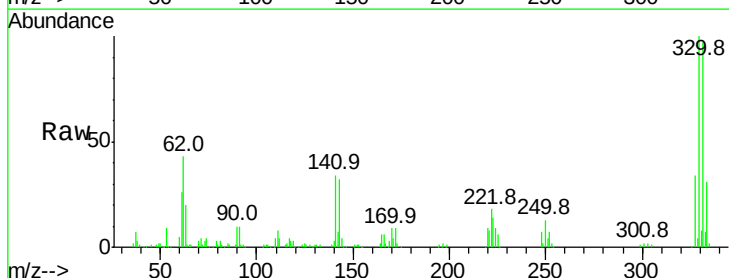
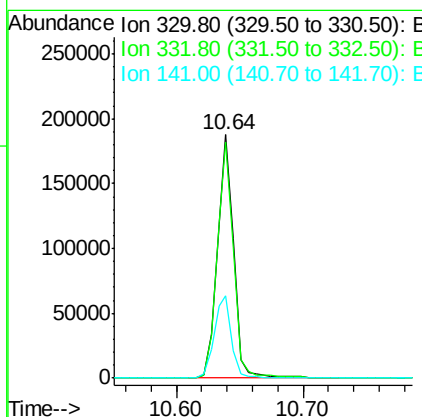
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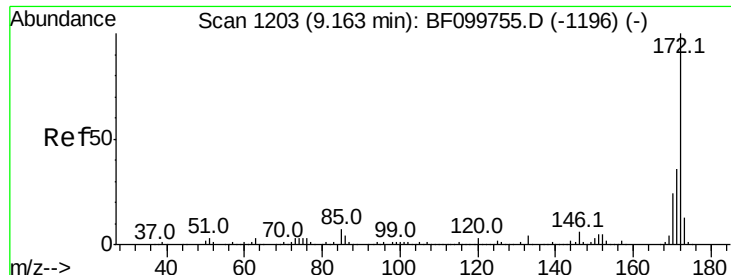
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#41
2,4,6-Tribromophenol
Concen: 104.868 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF099796.D
Acq: 24 Oct 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	170401		
332	97.8	77.0	115.6	
141	36.2	29.9	44.9	





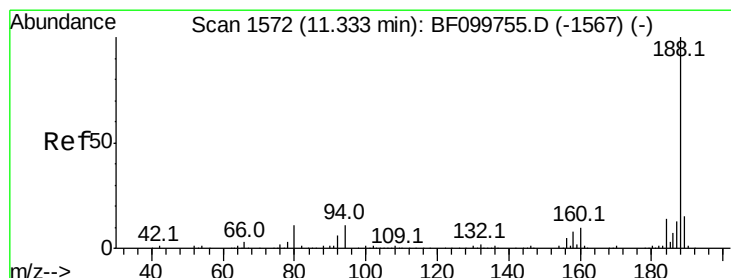
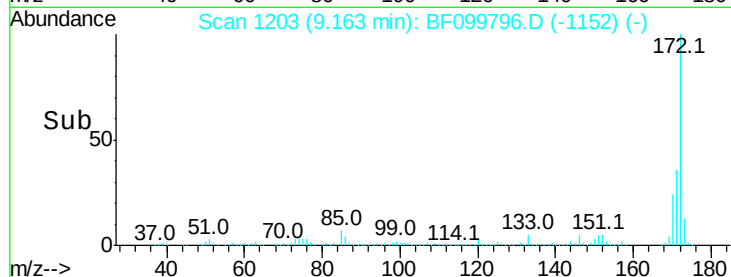
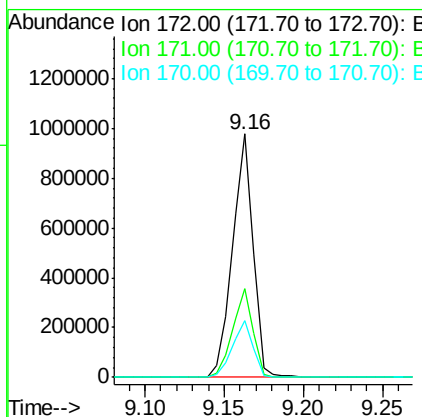
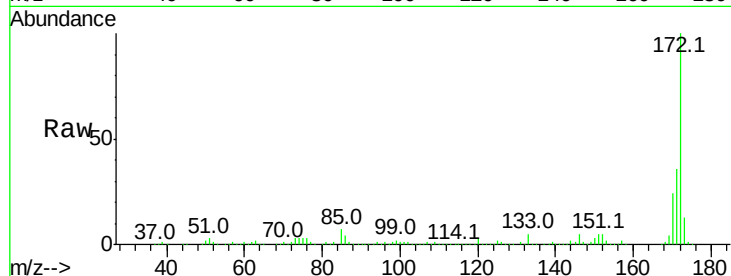
#44
 2-Fluorobiphenyl
 Concen: 76.300 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099796.D
 Acq: 24 Oct 2017 18:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Tot Ion	Ratio	Resp	Lower	Upper
172	100	881781		
171	36.3		29.7	44.5
170	23.5		19.6	29.4

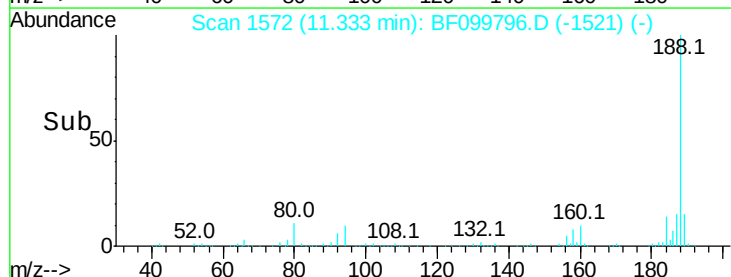
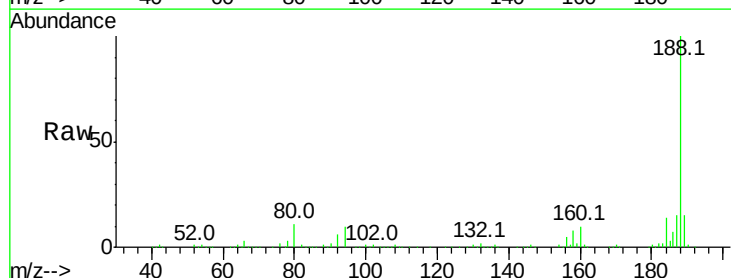
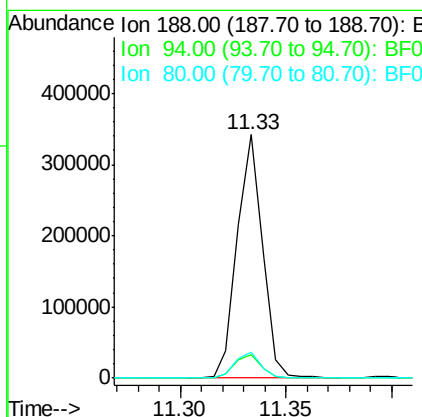
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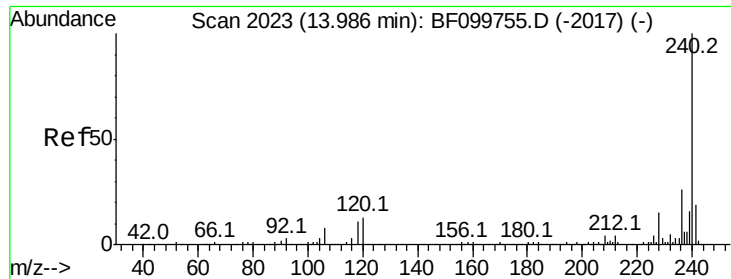
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF099796.D
 Acq: 24 Oct 2017 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	283963		
94	9.8		8.5	12.7
80	10.8		9.2	13.8





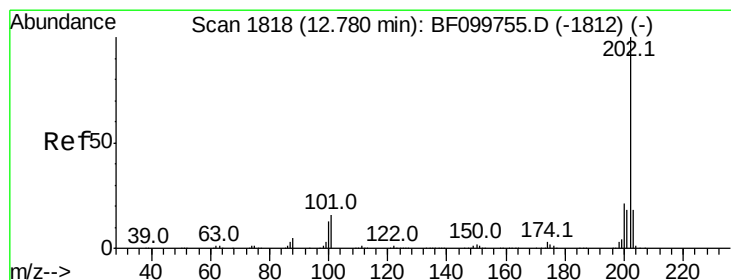
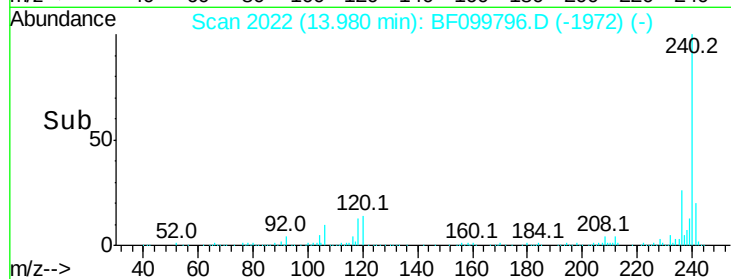
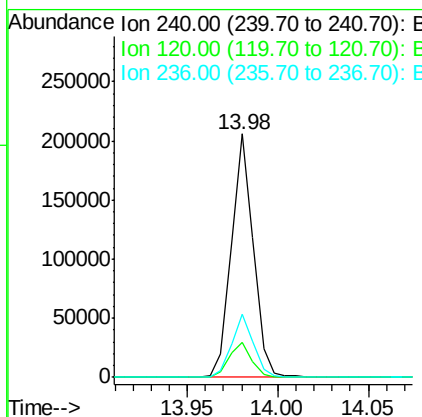
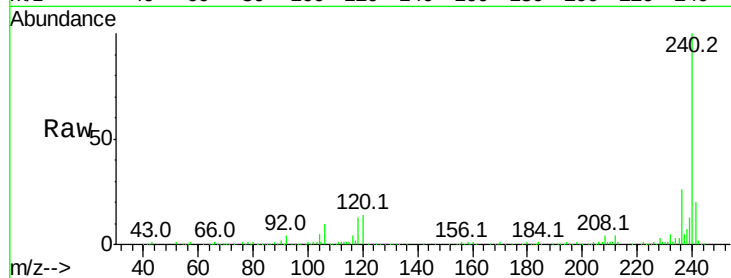
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099796.D
 Acq: 24 Oct 2017 18:59

Instrument :
 BNA_F
 ClientSampled :
 SB-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	26.0	20.7	31.1

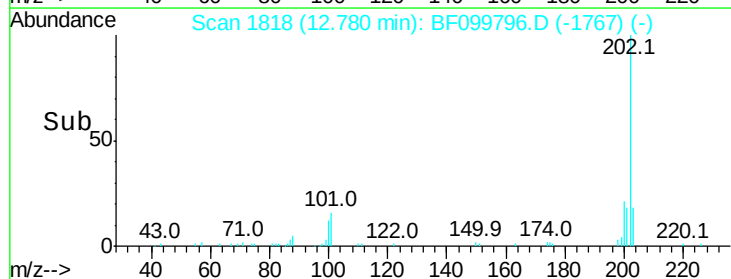
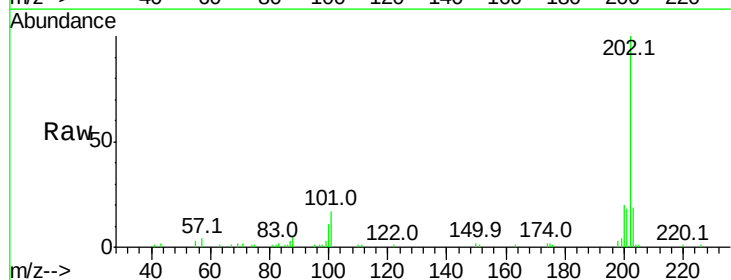
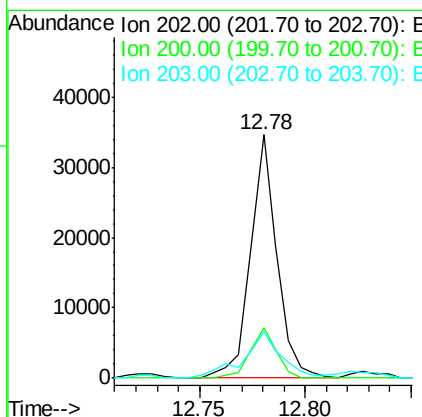
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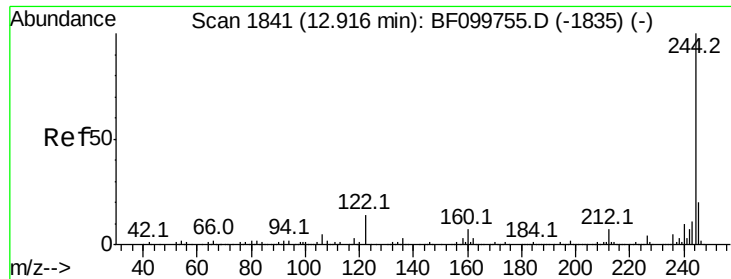
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#77
 Pyrene
 Concen: 2.288 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BF099796.D
 Acq: 24 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	18.9	14.3	21.5





#78

Terphenyl-d14

Concen: 78.380 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF099796.D

Acq: 24 Oct 2017 18:59

Instrument :

BNA_F

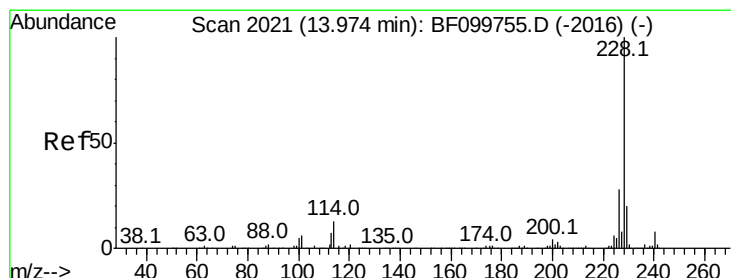
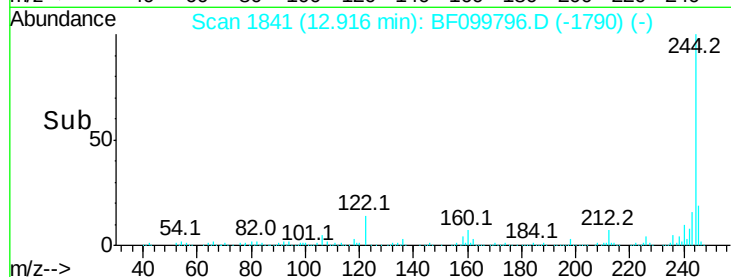
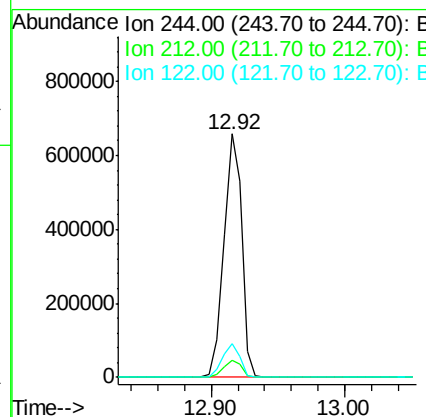
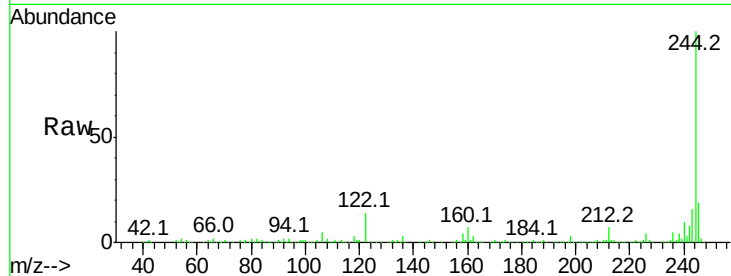
ClientSampled :

SB-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.122 ng

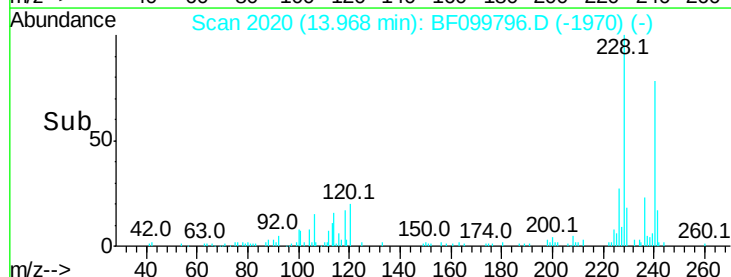
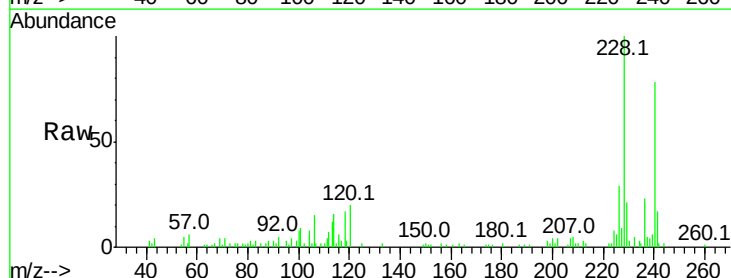
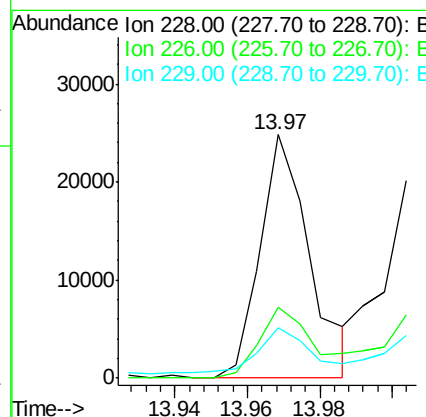
RT: 13.97 min Scan# 2020

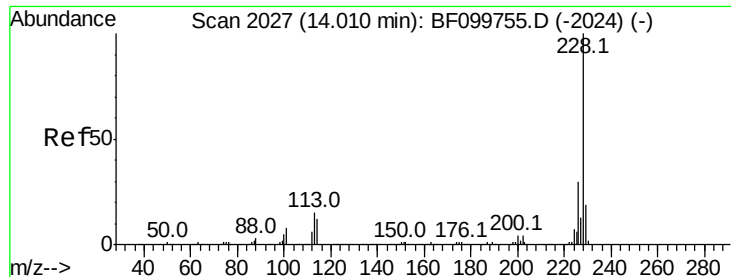
Delta R.T. -0.01 min

Lab File: BF099796.D

Acq: 24 Oct 2017 18:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.8	15.8	23.6





#82

Chrysene

Concen: 2.474 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF099796.D

Acq: 24 Oct 2017 18:59

Instrument :

BNA_F

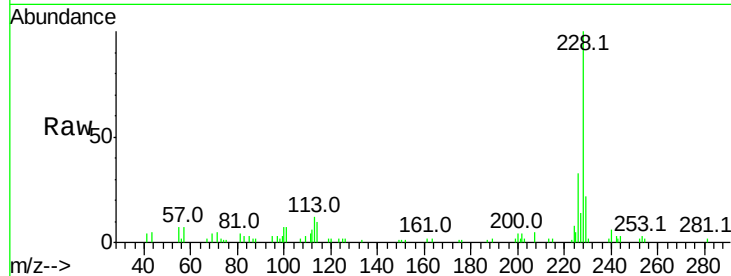
ClientSampled :

SB-01

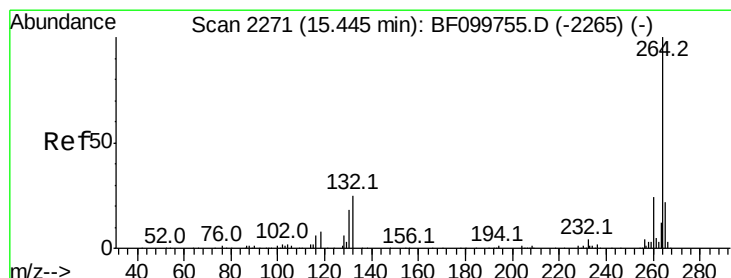
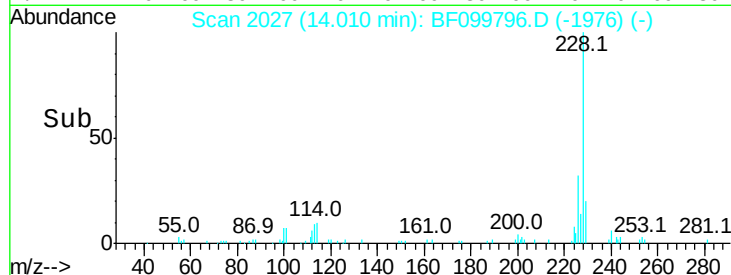
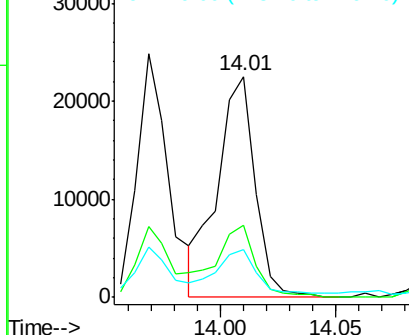
Tot Ion:	228	Resp:	25719
Ion Ratio	Lower	Upper	
228	100		
226	33.0	25.0	37.6
229	21.6	16.2	24.4

Manual Integrations
APPROVED

Sohil
10/25/2017 6:25:49 PM



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: 20.000 ng

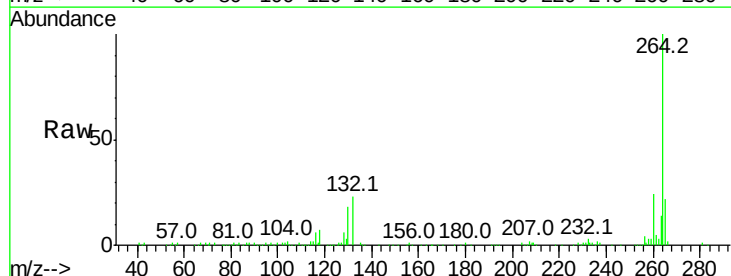
RT: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF099796.D

Acq: 24 Oct 2017 18:59

Tgt Ion:	264	Resp:	168482
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.2	17.5	26.3



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

