

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099789.D
 Acq On : 24 Oct 2017 15:44
 Operator : SJ/JU
 Sample : I6025-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05

Manual Integrations
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Quant Time: Oct 24 18:30:26 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	99209	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	404698	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	188879	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	318554	20.00	ng	0.00
75) Chrysene-d12	13.98	240	187844	20.00	ng	0.00
86) Perylene-d12	15.45	264	184949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	559545	88.55	ng	0.00
7) Phenol-d6	6.45	99	677476	90.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	389454	61.96	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	150214	87.27	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	736151	60.13	ng	0.00
78) Terphenyl-d14	12.92	244	505047	58.76	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	11.36	178	50776	2.824	ng	96
74) Fluoranthene	12.55	202	110428	5.911	ng	98
77) Pyrene	12.78	202	104040	7.284	ng	97
80) Benzo(a)anthracene	13.97	228	52978	4.449	ng	98
82) Chrysene	14.01	228	54794m	4.894	ng	
85) Indeno(1,2,3-cd)pyrene	16.93	276	39325	3.826	ng	95
87) Benzo(b)fluoranthene	15.02	252	88098m	7.544	ng	
88) Benzo(k)fluoranthene	15.04	252	32194m	2.923	ng	
89) Benzo(a)pyrene	15.39	252	57678	5.498	ng	# 93
91) Benzo(g,h,i)perylene	17.37	276	36145	3.963	ng	# 88

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

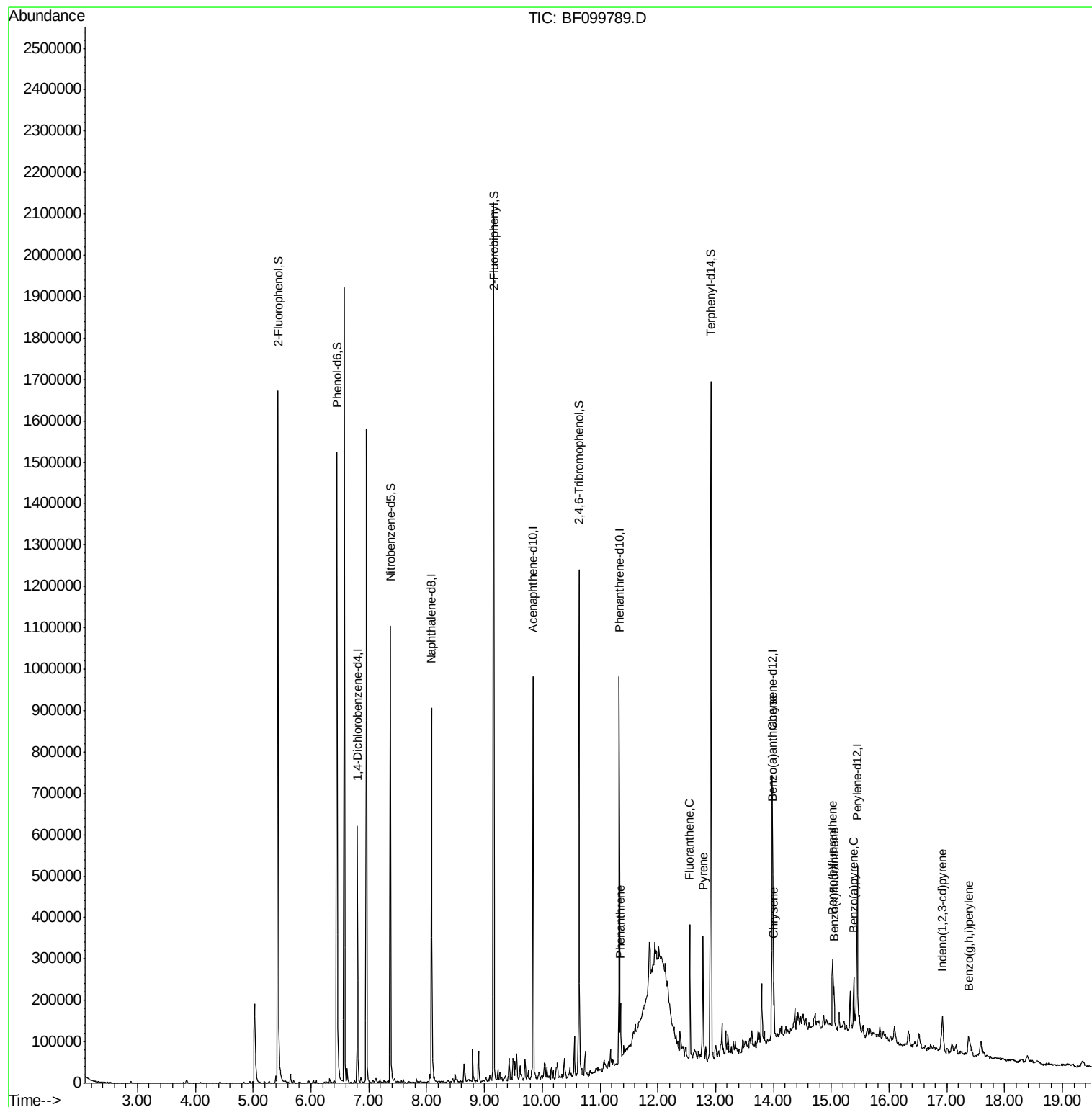
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
Data File : BF099789.D
Acq On : 24 Oct 2017 15:44
Operator : SJ/JU
Sample : I6025-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

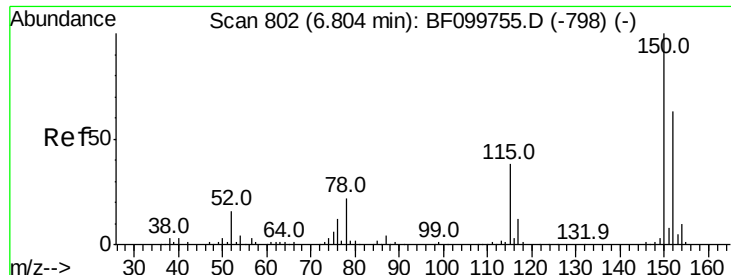
Instrument :
BNA_F
ClientSampleId :
SB-05

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Quant Time: Oct 24 18:30:26 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

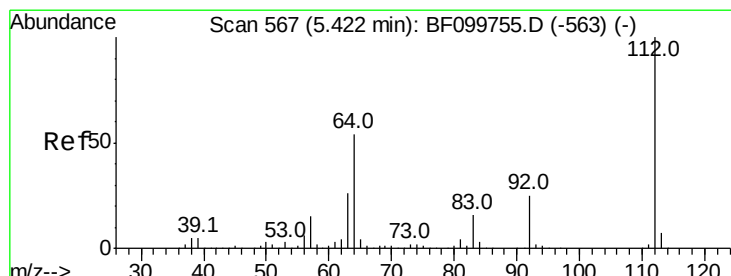
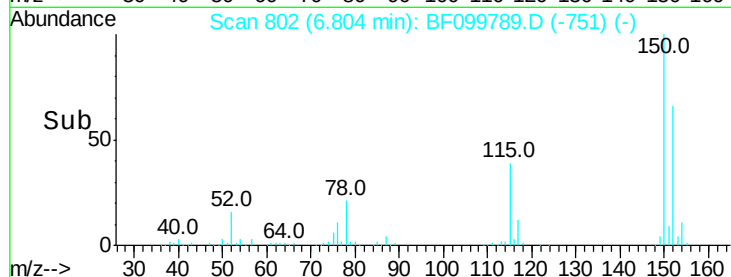
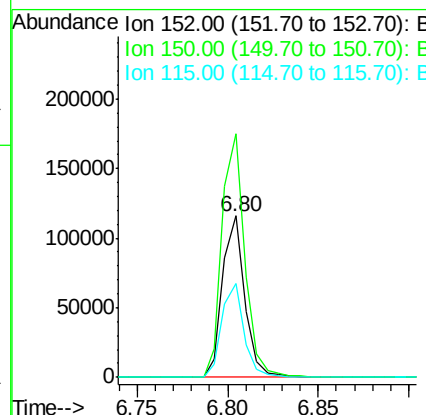
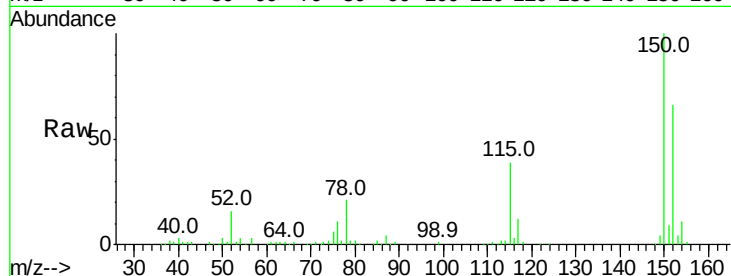
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.6	186.8
115	58.1	50.1	75.1

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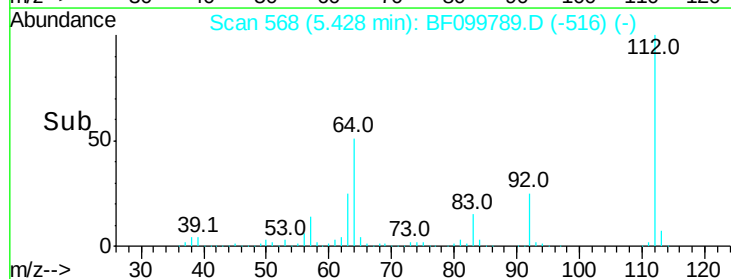
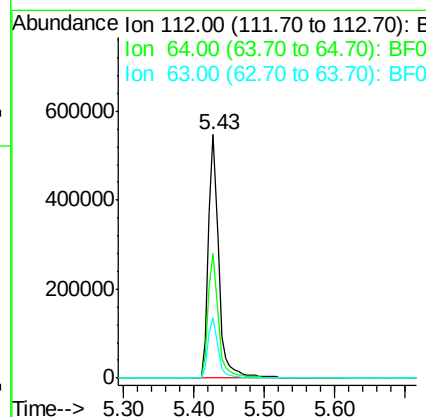
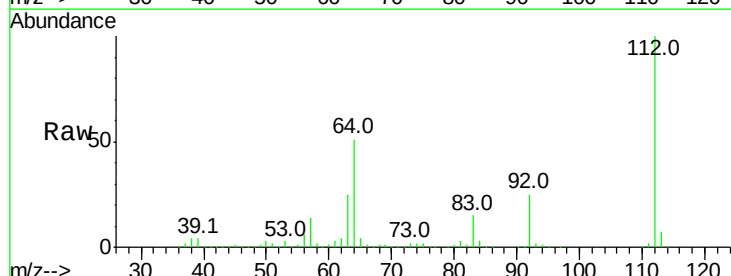
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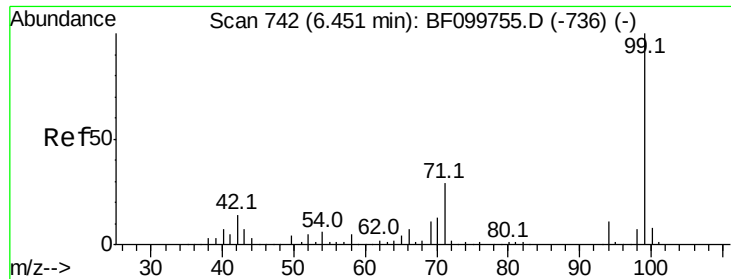


#5

2-Fluorophenol
Concen: 88.547 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	47.9	71.9
63	24.9	23.7	35.5





#7

Phenol-d6

Concen: 90.417 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF099789.D

Acq: 24 Oct 2017 15:44

Instrument :

BNA_F

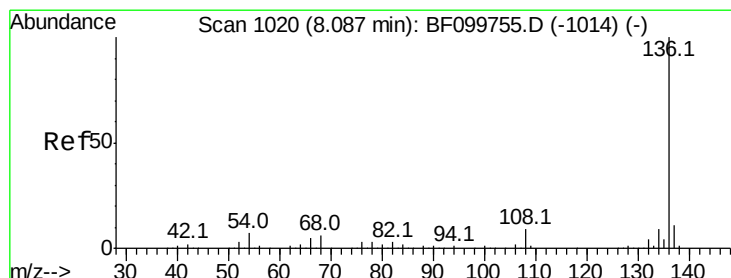
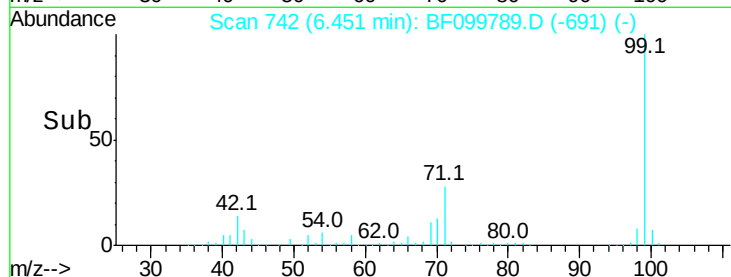
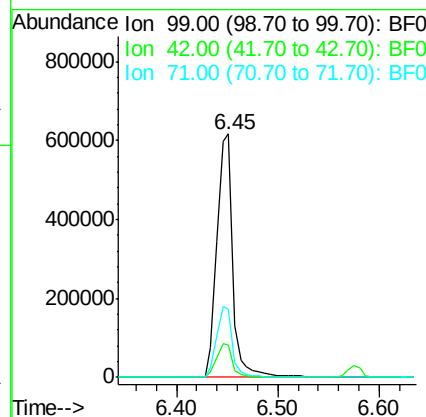
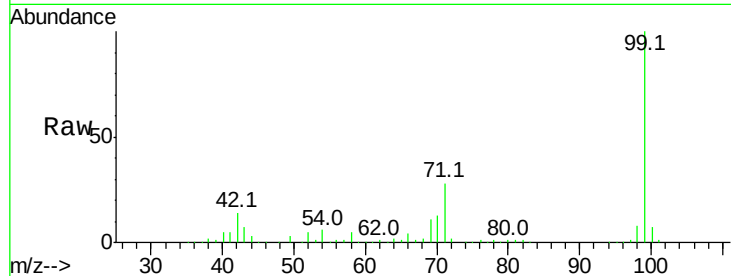
ClientSampled :

SB-05

Tot Ion:	99	Resp:	677476
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.5	21.7#
71	27.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

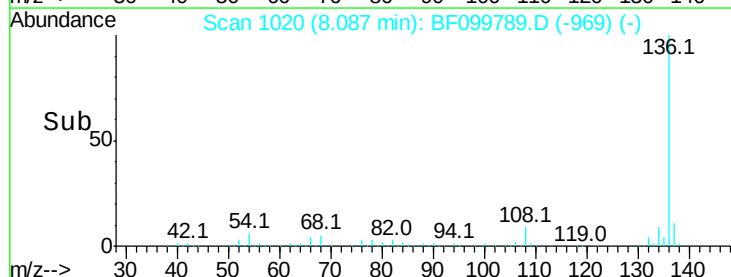
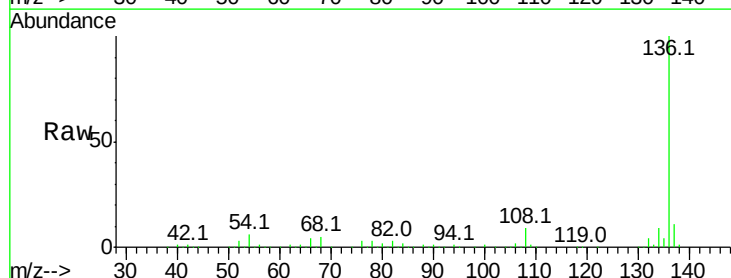
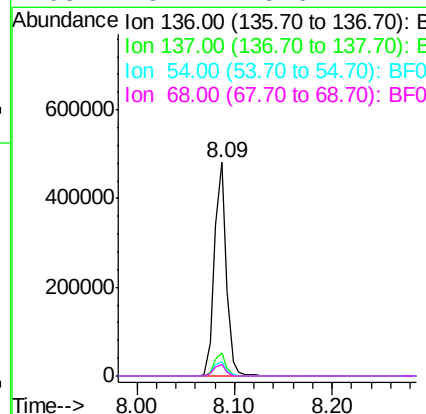
RT: 8.09 min Scan# 1020

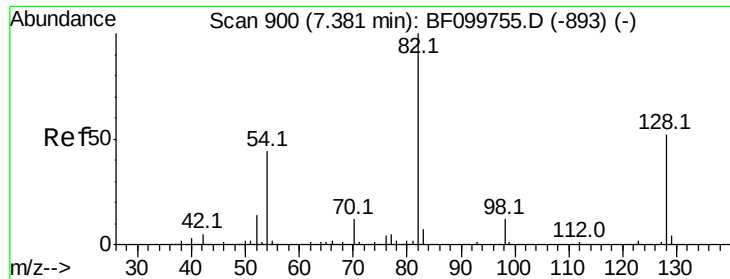
Delta R.T. -0.00 min

Lab File: BF099789.D

Acq: 24 Oct 2017 15:44

Tgt Ion:	136	Resp:	404698
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	5.4	5.0	7.4





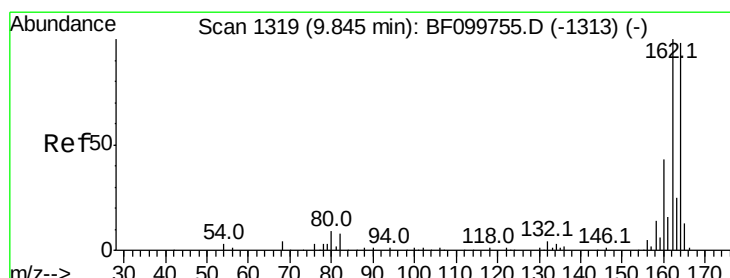
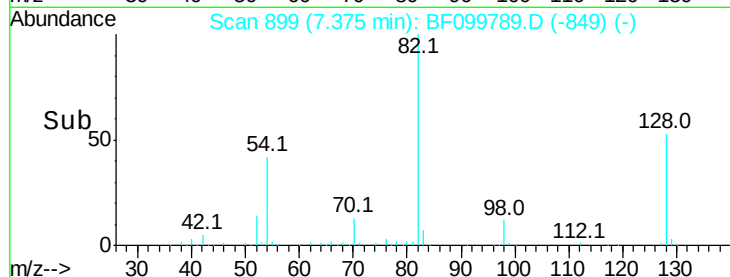
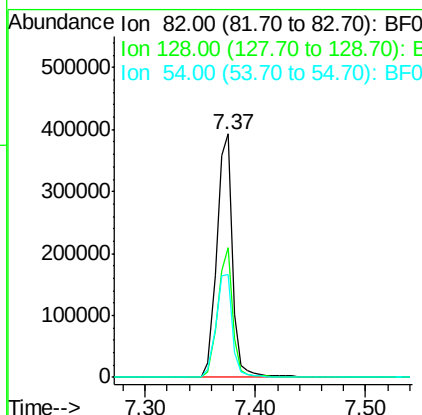
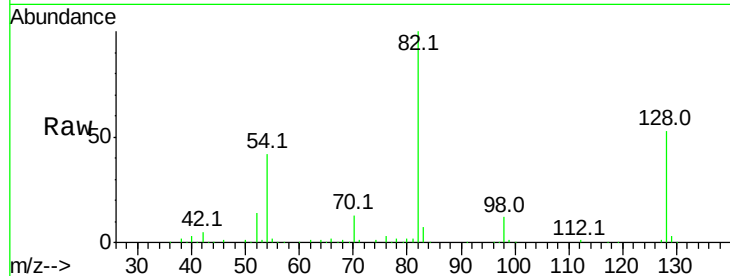
#23
 Nitrobenzene-d5
 Concen: 61.955 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF099789.D
 Acq: 24 Oct 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	53.2	36.1	54.1
54	42.4	41.4	62.2

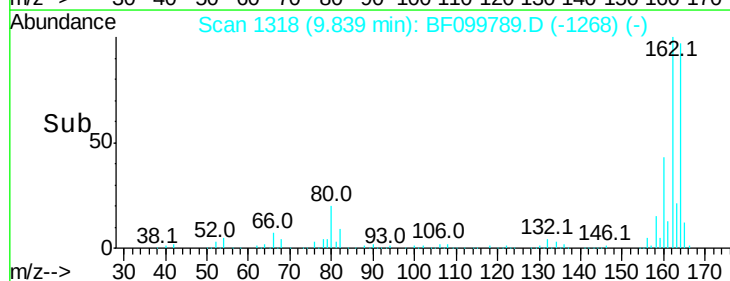
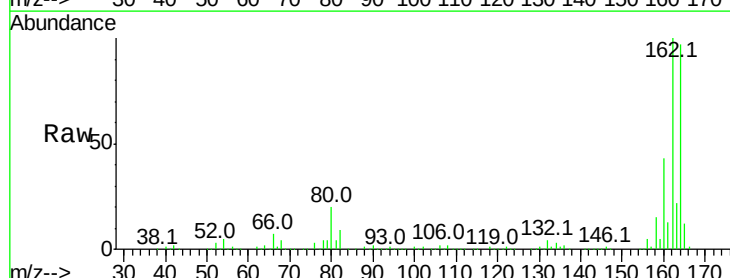
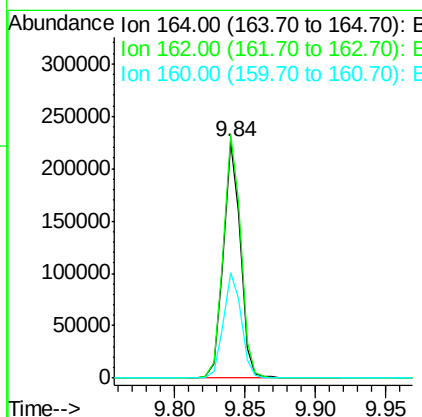
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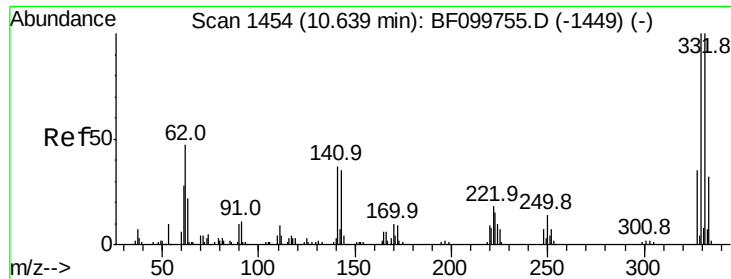
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF099789.D
 Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	44.8	38.3	57.5





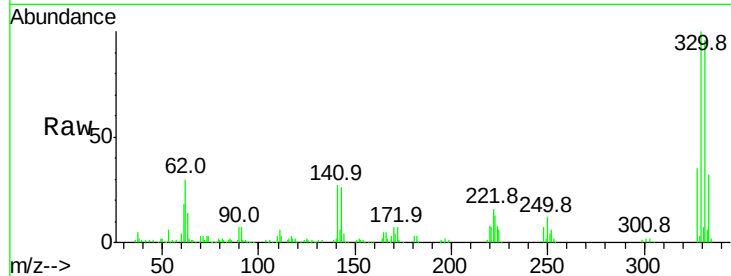
#41
 2,4,6-Tribromophenol
 Concen: 87.268 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099789.D
 Acq: 24 Oct 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
 SB-05

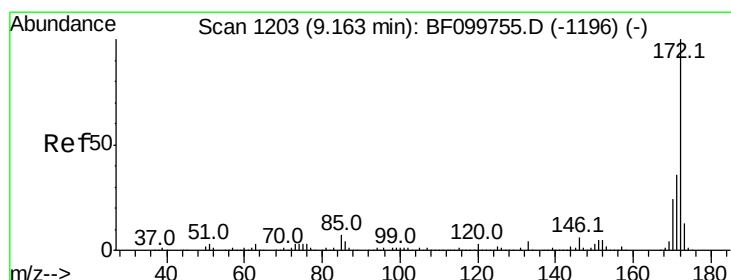
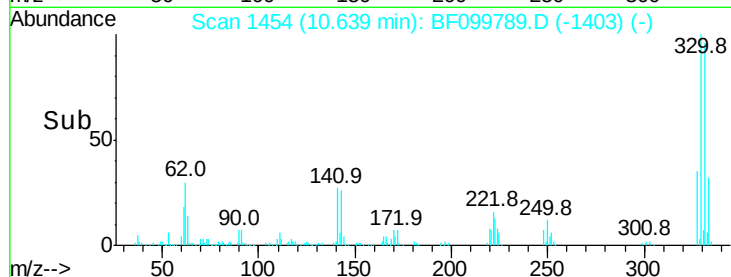
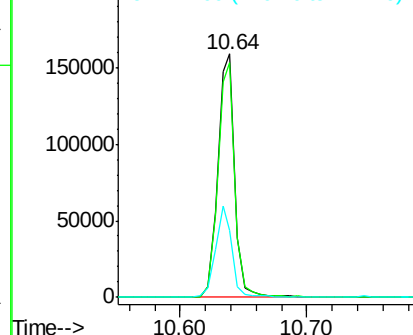
Tot Ion	Ratio	Resp	Lower	Upper
330	100	150214		
332	97.1	77.0	115.6	
141	38.0	29.9	44.9	

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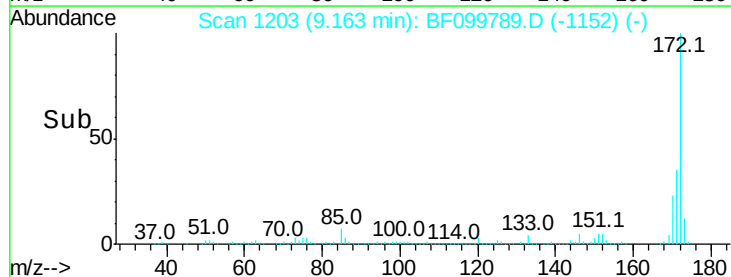
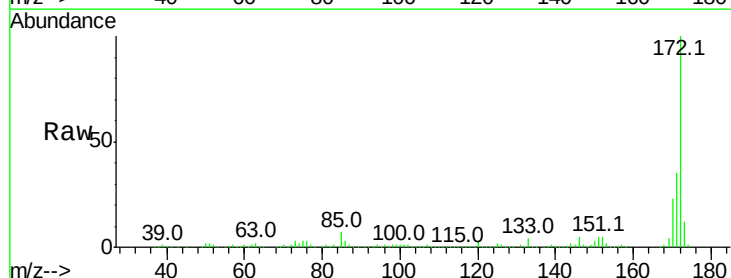
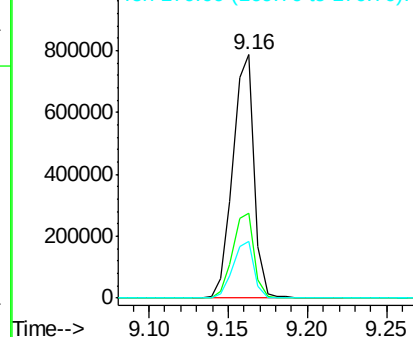
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

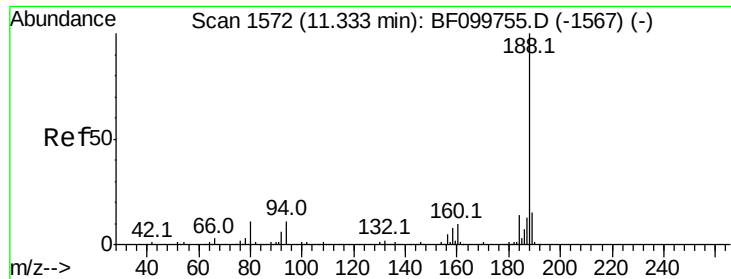


#44
 2-Fluorobiphenyl
 Concen: 60.132 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099789.D
 Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	736151		
171	34.9	29.7	44.5	
170	23.4	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





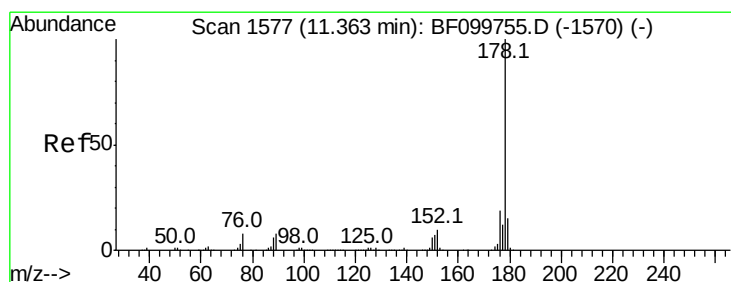
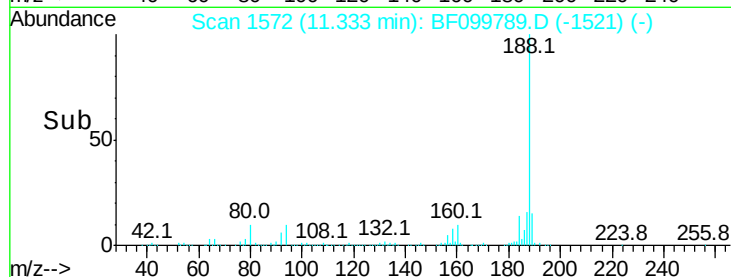
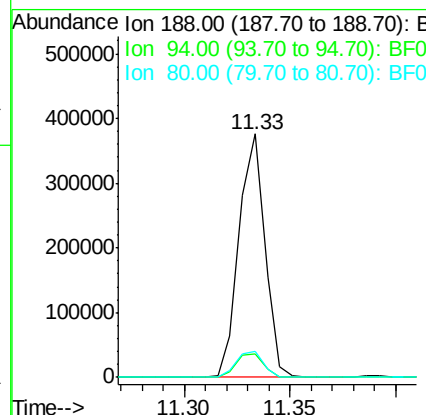
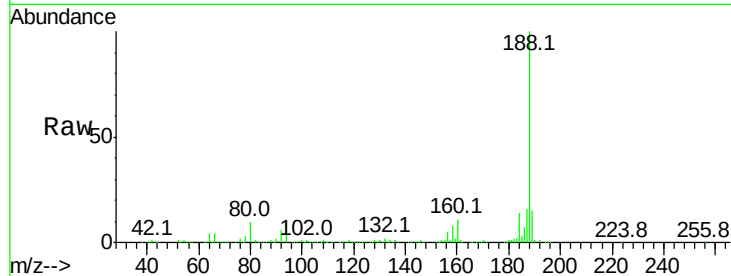
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Instrument :
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ClientSampled :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	318554		
94	9.7		8.5	12.7
80	10.5		9.2	13.8

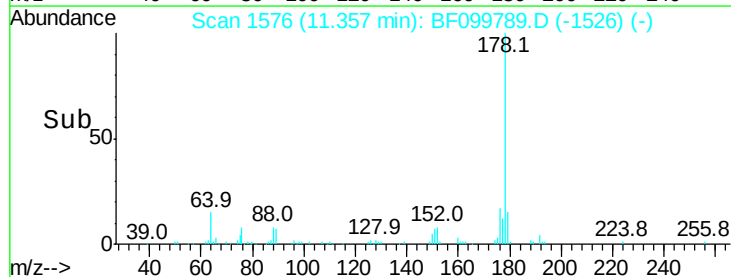
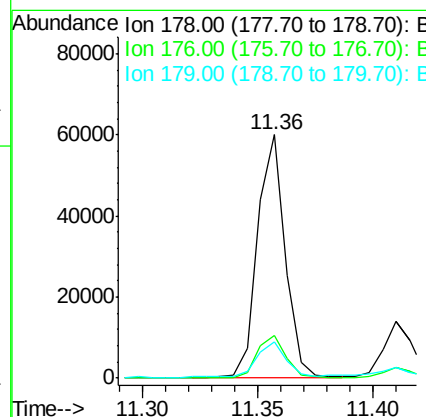
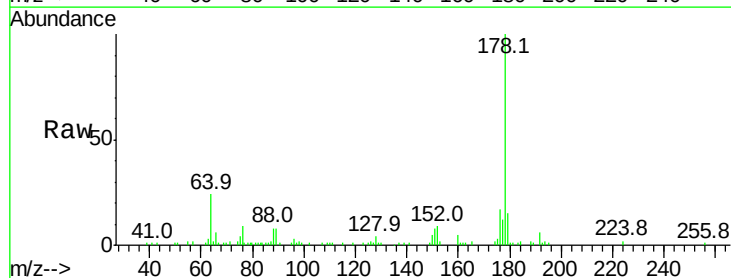
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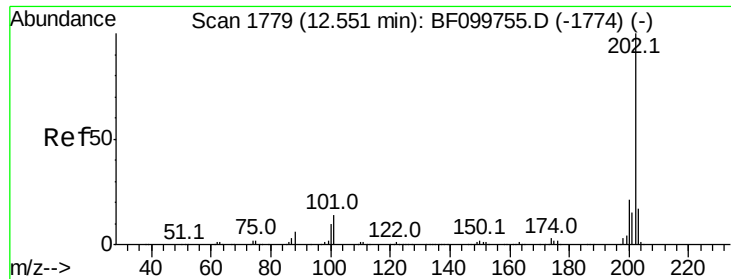
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#70
Phenanthrene
Concen: 2.824 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	50776		
176	17.4		15.8	23.8
179	14.9		13.0	19.6





#74

Fluoranthene

Concen: 5.911 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099789.D

Acq: 24 Oct 2017 15:44

Instrument :

BNA_F

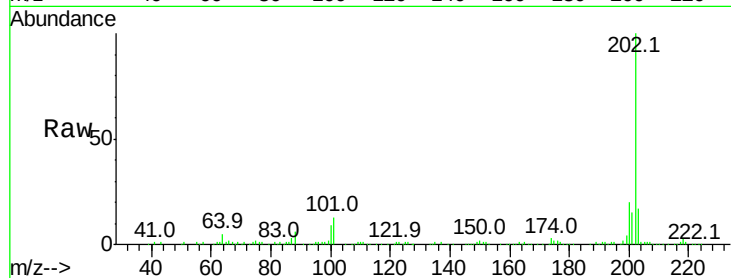
ClientSampled :

SB-05

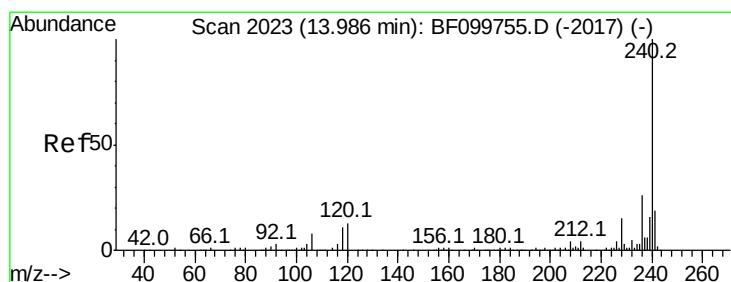
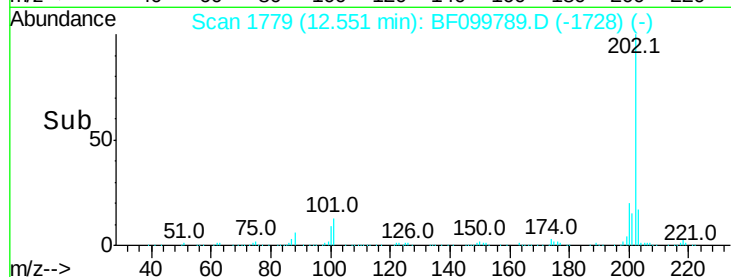
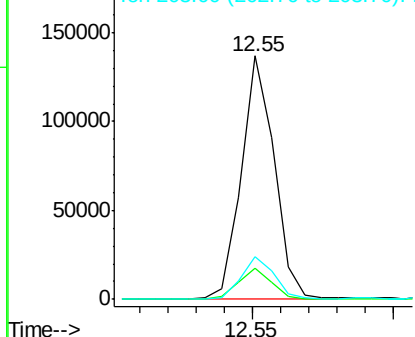
Tot Ion	Ratio	Resp	Lower	Upper
202	100	110428		
101	13.0	0.0	34.1	
203	17.5	0.0	38.1	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

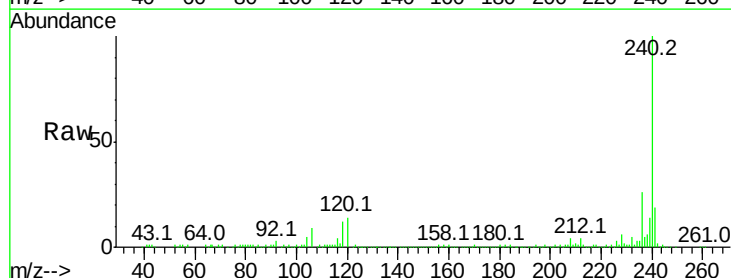
RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

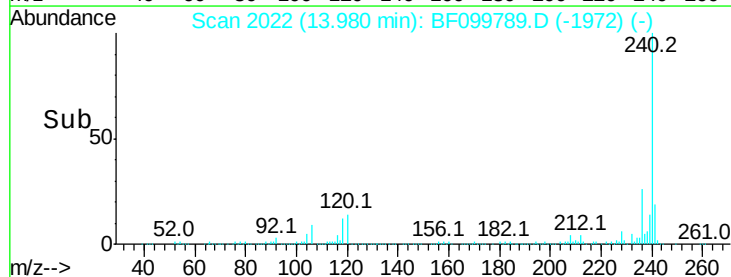
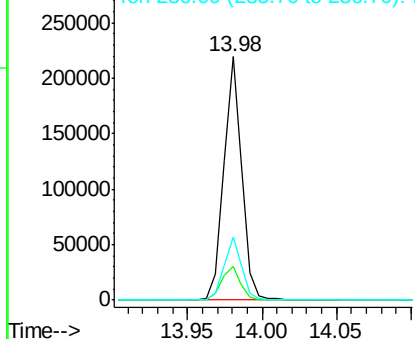
Lab File: BF099789.D

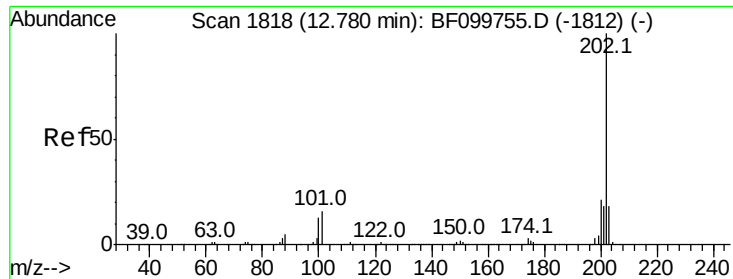
Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187844		
120	13.8	9.5	14.3	
236	26.0	20.7	31.1	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 7.284 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF099789.D

Acq: 24 Oct 2017 15:44

Instrument :

BNA_F

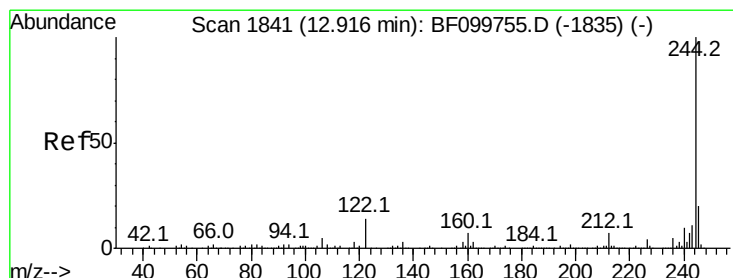
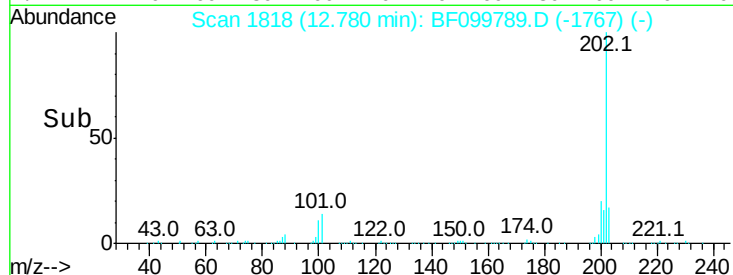
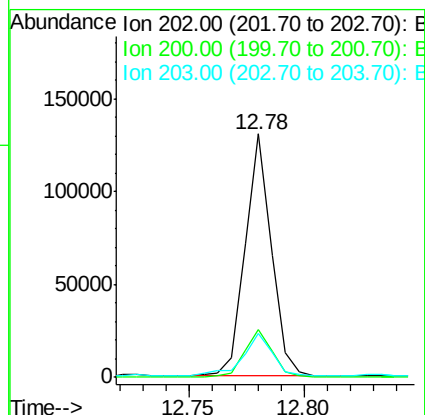
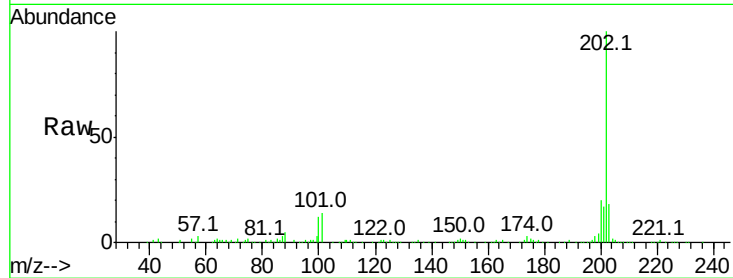
ClientSampled :

SB-05

Tot Ion:	202	Resp:	104040
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.4	26.2
203	18.1	14.3	21.5

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#78

Terphenyl-d14

Concen: 58.757 ng

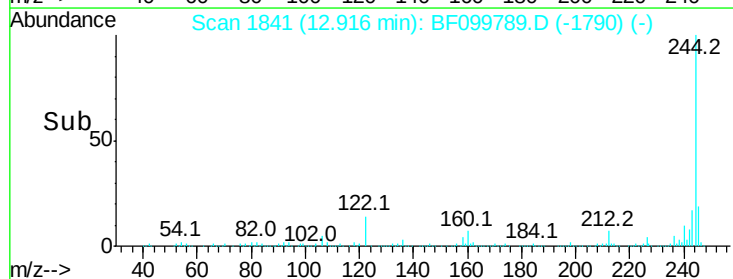
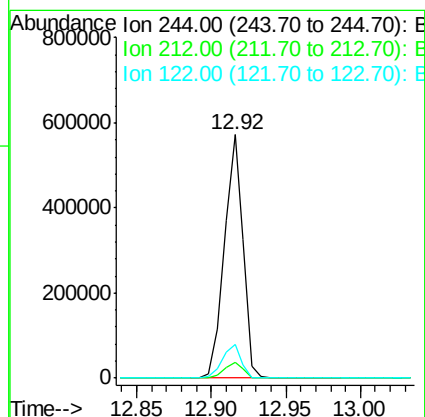
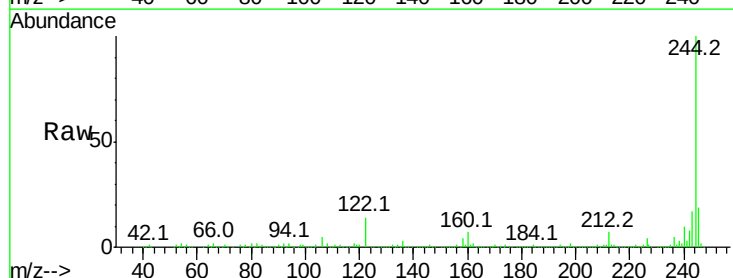
RT: 12.92 min Scan# 1841

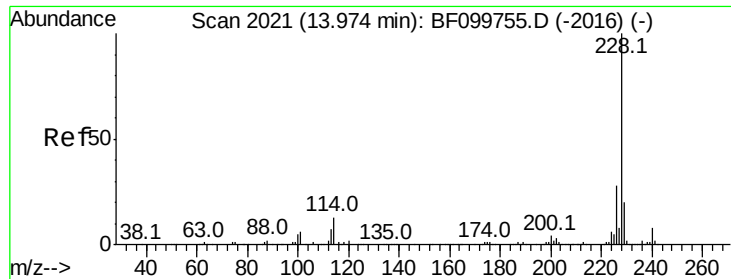
Delta R.T. -0.00 min

Lab File: BF099789.D

Acq: 24 Oct 2017 15:44

Tgt Ion:	244	Resp:	505047
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	13.7	11.0	16.4





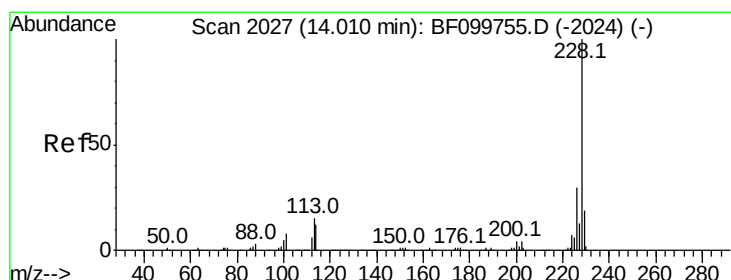
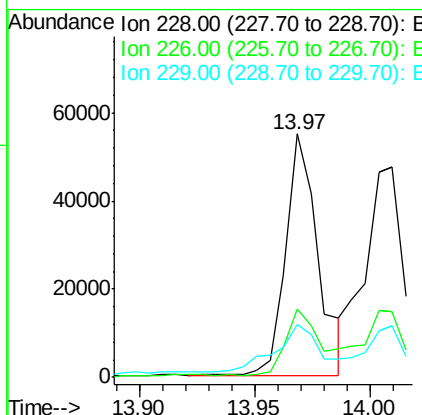
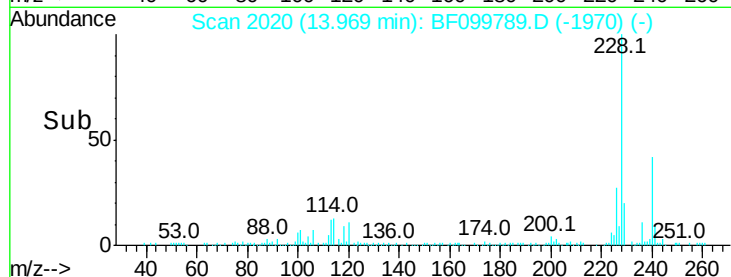
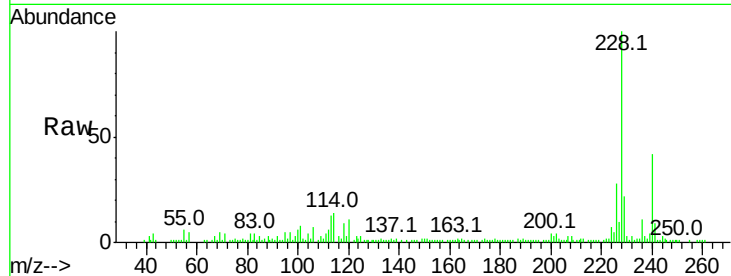
#80
Benzo(a)anthracene
Concen: 4.449 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Instrument :
BNA_F
ClientSampled :
SB-05

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	21.7	15.8	23.6

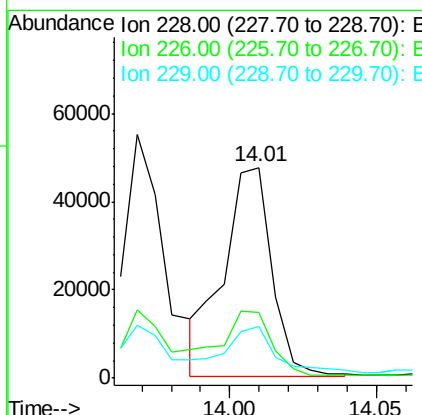
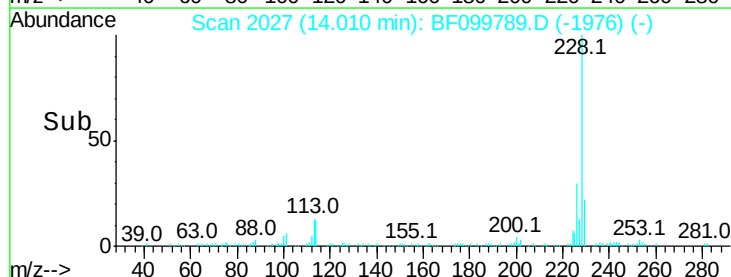
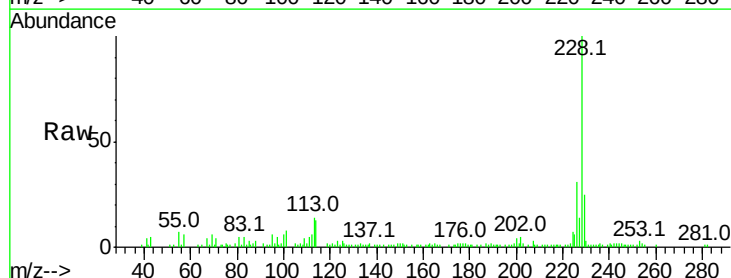
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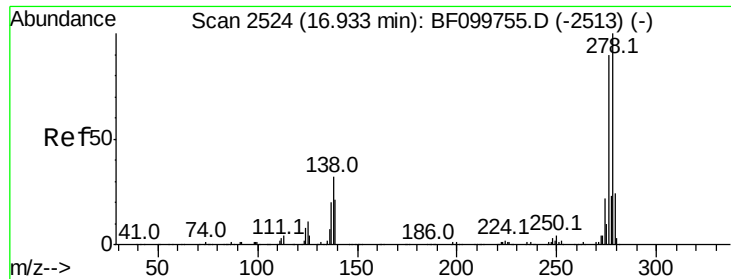
Sohil
10/25/2017 6:25:19 PM



#82
Chrysene
Concen: 4.894 ng m
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	24.7	16.2	24.4#





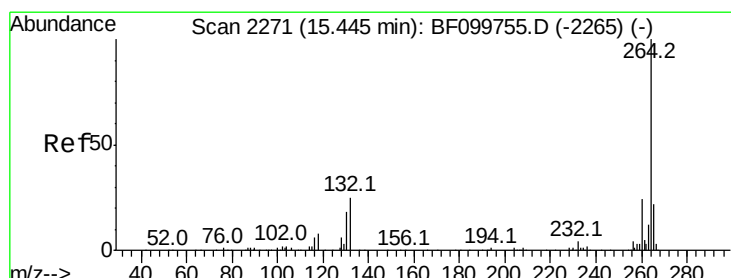
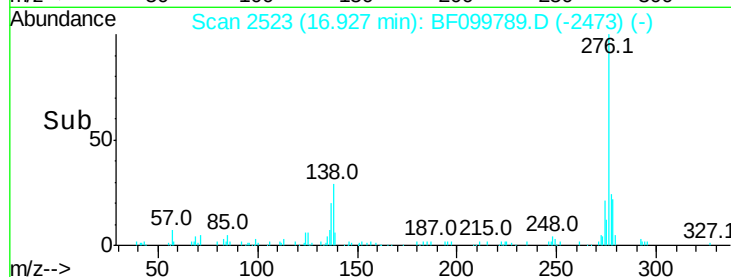
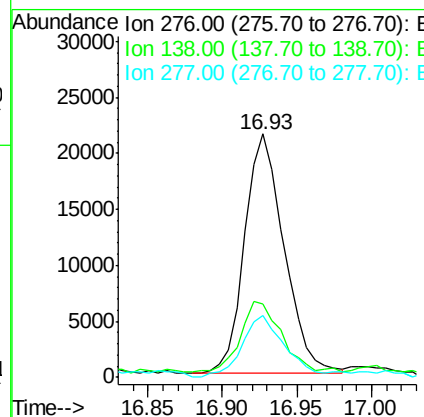
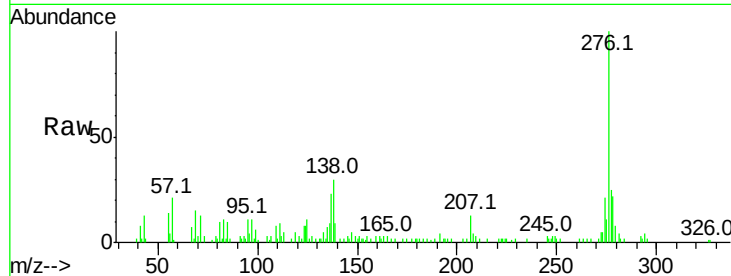
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.826 ng
 RT: 16.93 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BF099789.D
 Acq: 24 Oct 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
 SB-05

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	29.1	20.1	30.1

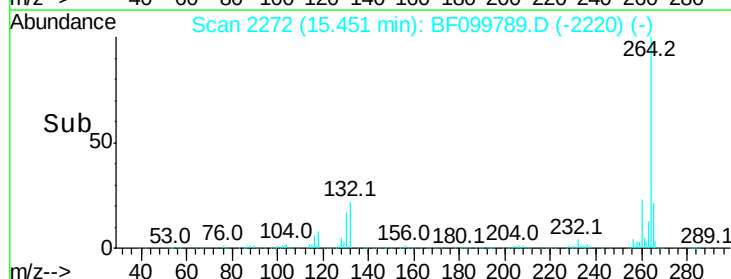
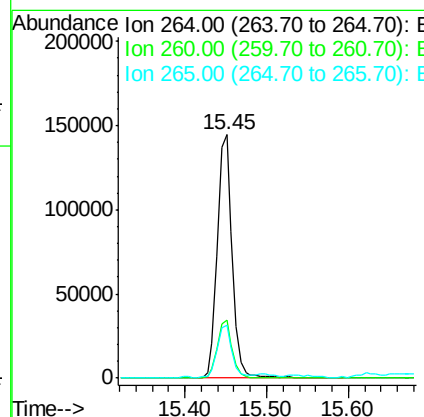
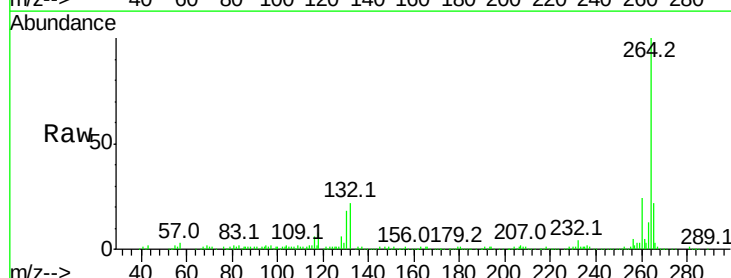
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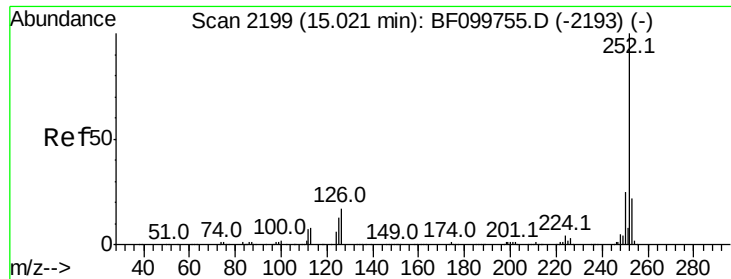
Sohil
 10/25/2017 6:25:19 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099789.D
 Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3





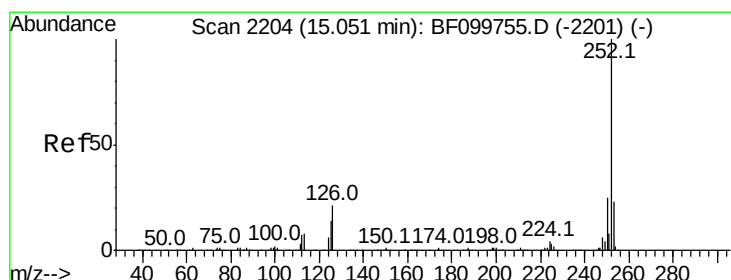
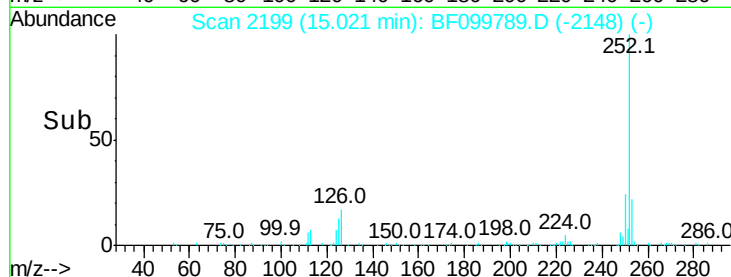
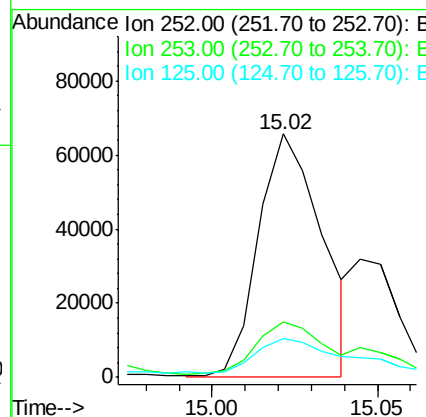
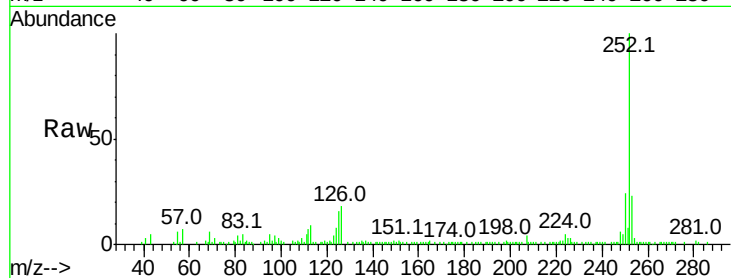
#87
Benzo(b)fluoranthene
Concen: 7.544 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Instrument :
BNA_F
ClientSampleId :
SB-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	15.9	9.0	13.6

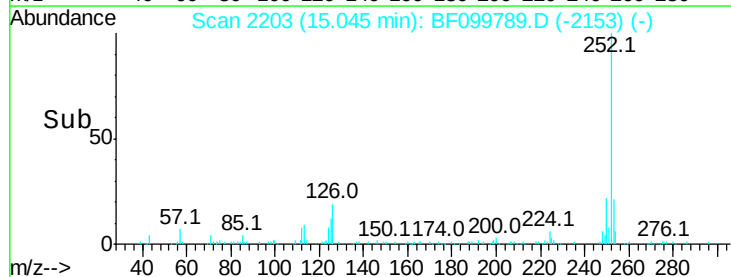
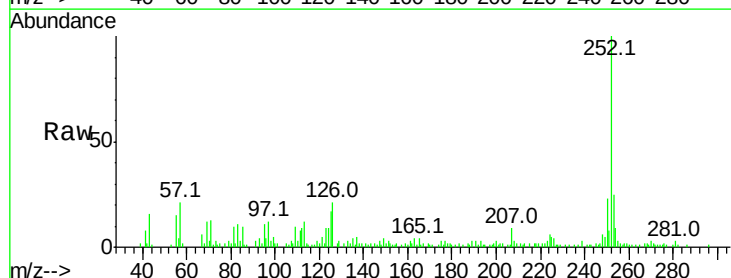
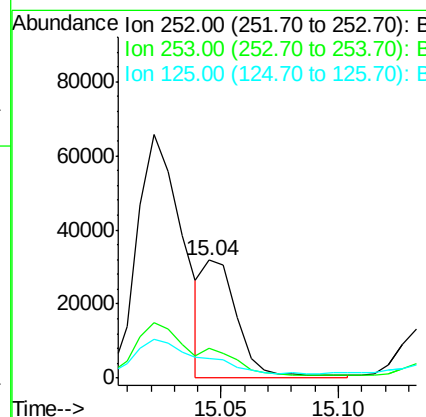
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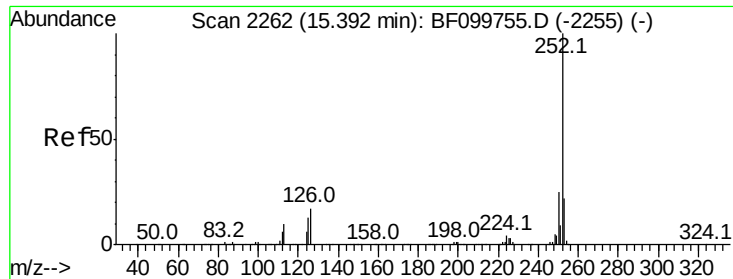
Sohil
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#88
Benzo(k)fluoranthene
Concen: 2.923 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	16.9	10.2	15.2





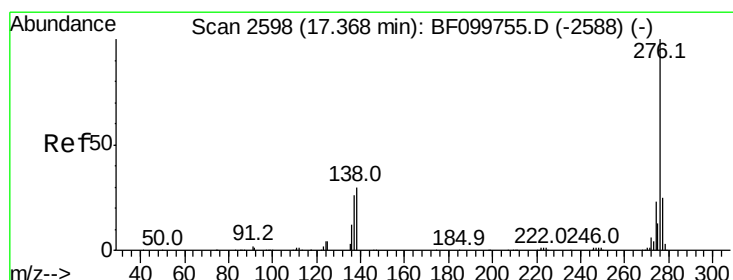
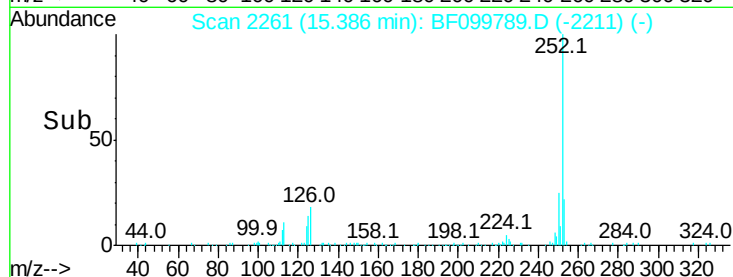
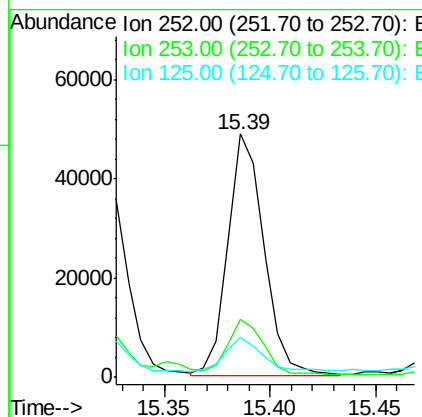
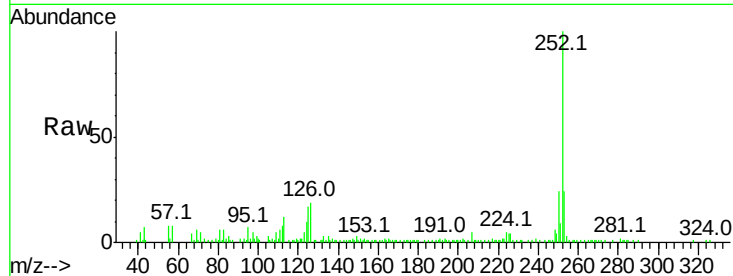
#89
Benzo(a)pyrene
Concen: 5.498 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Instrument :
BNA_F
ClientSampled :
SB-05

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	16.5	9.8	14.6

Manual Integrations
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10/25/2017 6:25:19 PM



#91
Benzo(g,h,i)perylene
Concen: 3.963 ng
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BF099789.D
Acq: 24 Oct 2017 15:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.7	17.9	26.9
138	31.0	21.8	32.8

