

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109444.D
 Acq On : 28 Sep 2018 21:37
 Operator : JU/SJ
 Sample : J5100-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-STONE-RO-227

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:27 AM

Quant Time: Sep 29 05:24:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	112598	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	381880	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	149977	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	259298	20.00	ng	0.00
75) Chrysene-d12	13.84	240	204564	20.00	ng	0.00
86) Perylene-d12	15.25	264	156650	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	575040	84.12	ng	0.01
7) Phenol-d6	6.35	99	722258	82.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	431245	66.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	128666	87.03	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	716132	72.02	ng	0.00
78) Terphenyl-d14	12.80	244	609954	73.18	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	191440	17.550	ng	99
70) Phenanthrene	11.24	178	48852	3.773	ng	97
74) Fluoranthene	12.42	202	93363	6.748	ng	97
77) Pyrene	12.65	202	81667	5.570	ng	100
80) Benzo(a)anthracene	13.83	228	46347	3.761	ng	97
82) Chrysene	13.87	228	39208	3.210	ng	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	20001	2.021	ng	# 83
87) Benzo(b)fluoranthene	14.85	252	46360m	5.386	ng	
89) Benzo(a)pyrene	15.19	252	29784	3.840	ng	# 92
91) Benzo(g,h,i)perylene	17.00	276	19068	3.049	ng	95

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

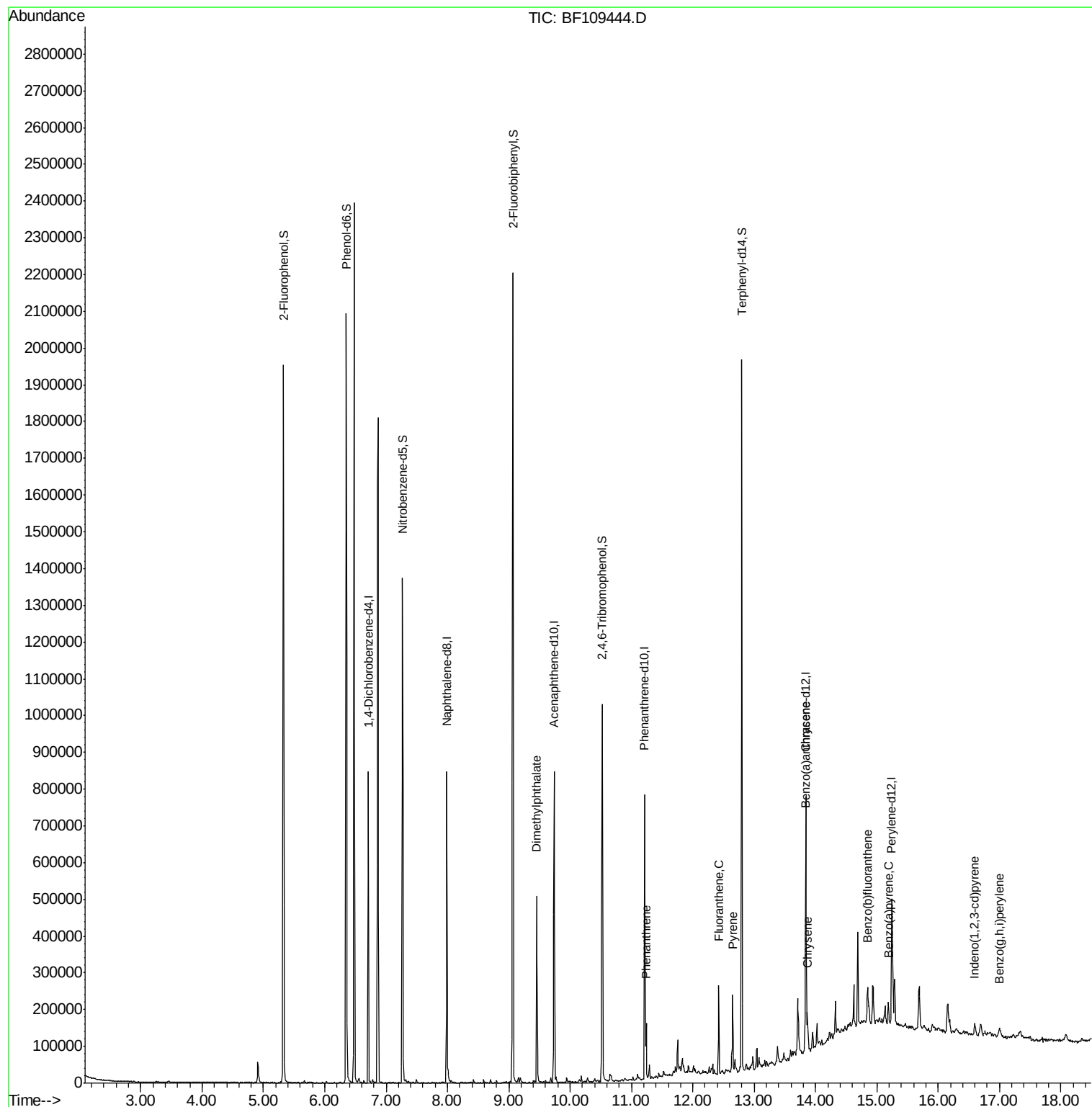
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109444.D
Acq On : 28 Sep 2018 21:37
Operator : JU/SJ
Sample : J5100-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

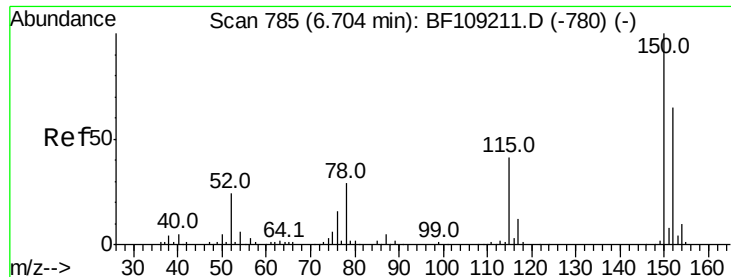
Instrument :
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#1

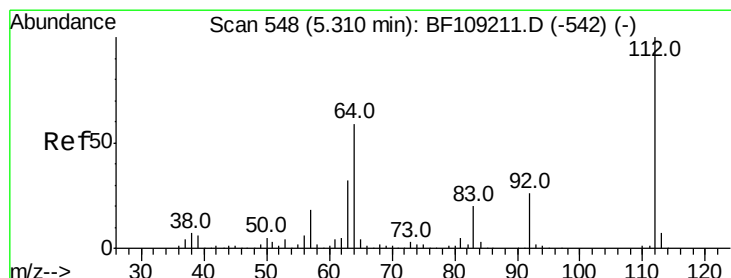
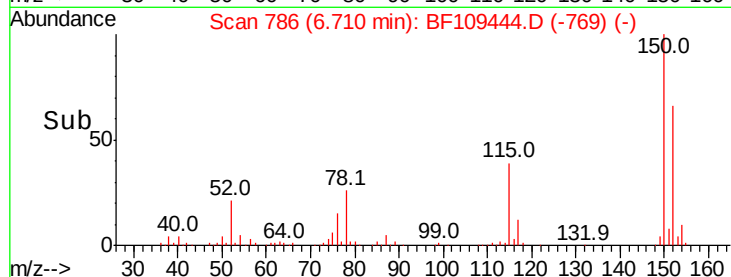
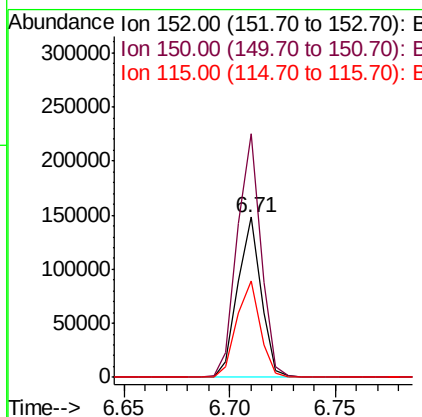
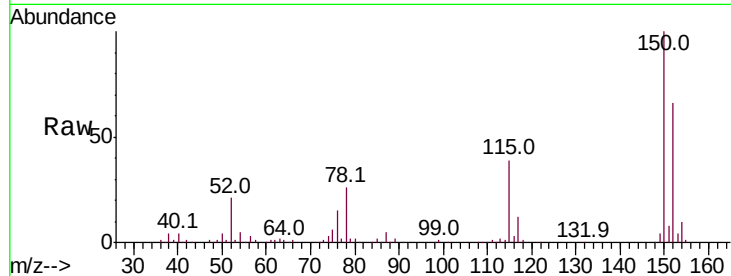
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Instrument :
BNA_F
ClientSampleId :
HS-STONE-RO-227

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	59.9	50.1	75.1

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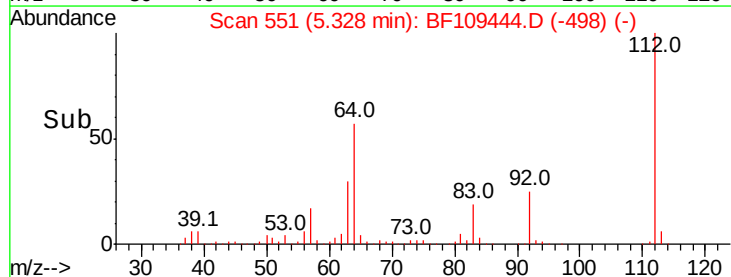
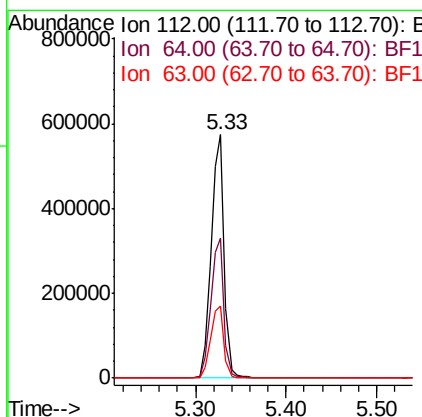
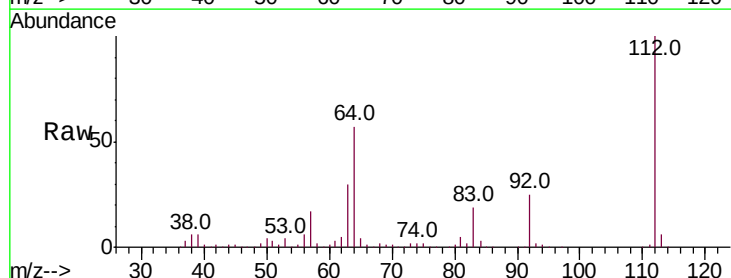
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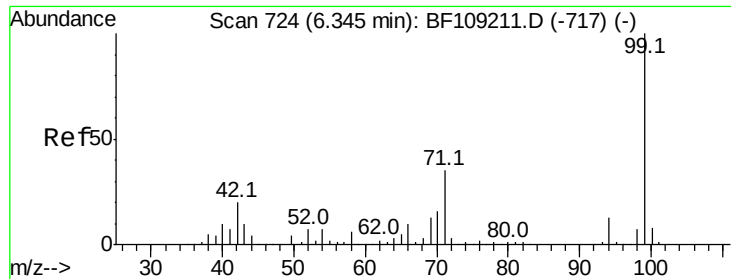


#5

2-Fluorophenol
Concen: 84.117 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.9	71.9
63	29.7	23.7	35.5





#7

Phenol-d6

Concen: 82.797 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Instrument :

BNA_F

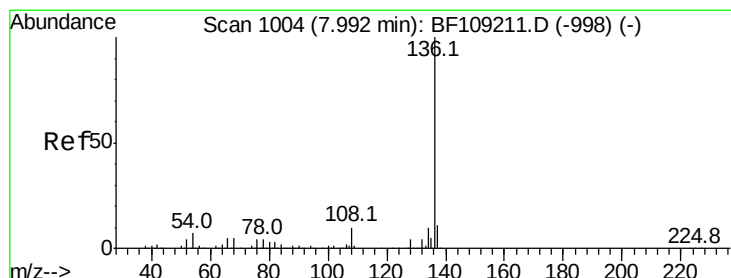
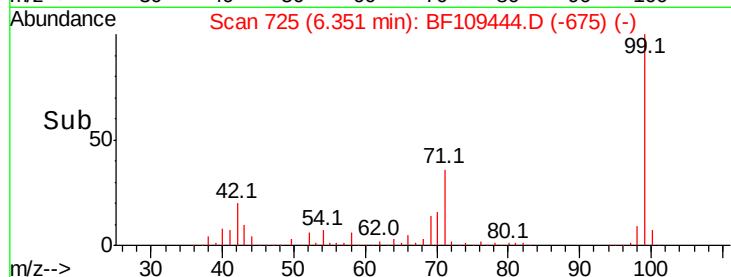
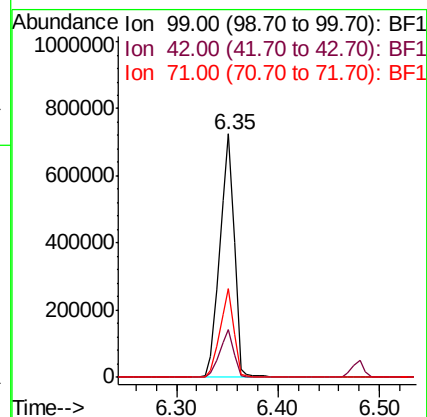
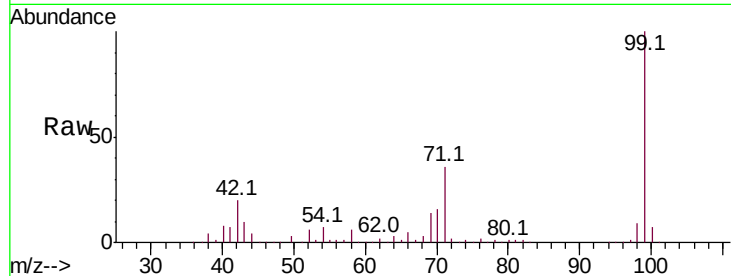
ClientSampleId :

HS-STONE-RO-227

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		722258		
42	19.8	14.5	21.7		
71	36.3	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

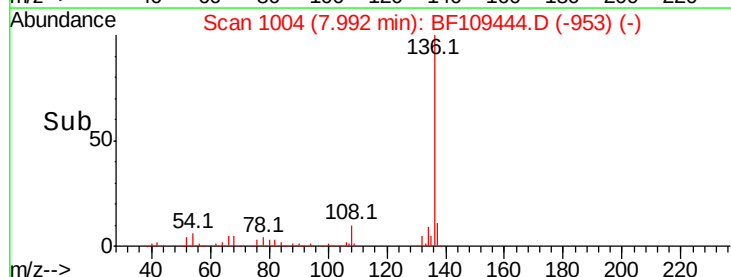
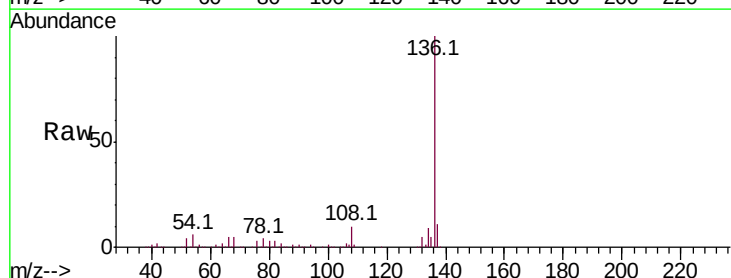
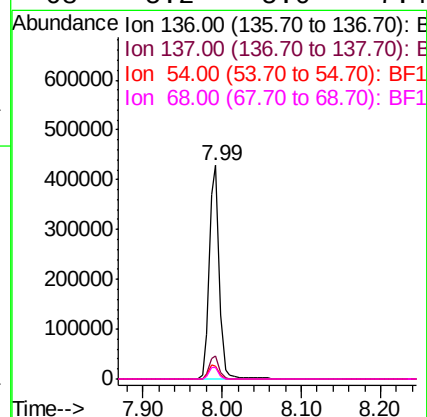
RT: 7.99 min Scan# 1004

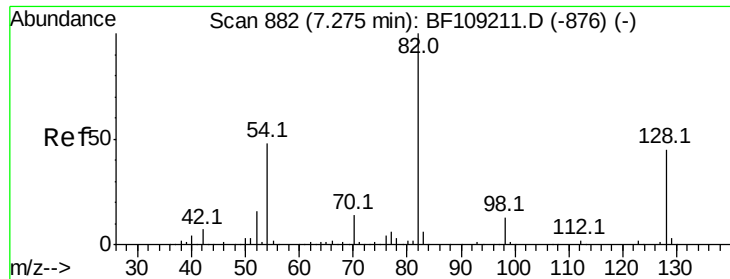
Delta R.T. 0.00 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		381880		
137	10.8	8.9	13.3		
54	6.2	6.6	9.8		
68	5.2	5.0	7.4		





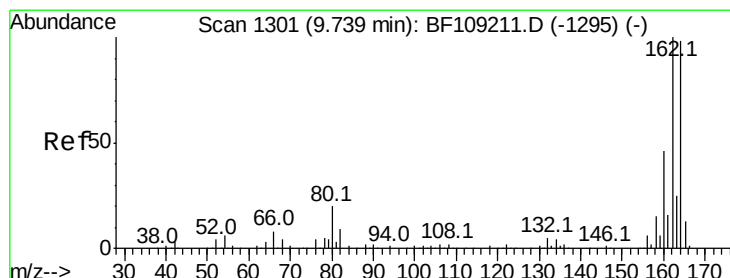
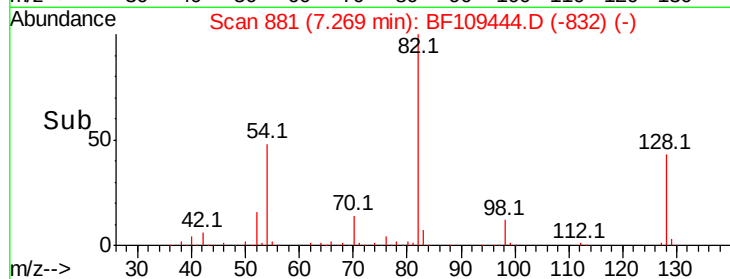
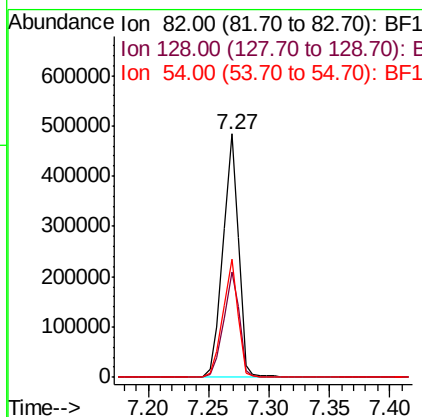
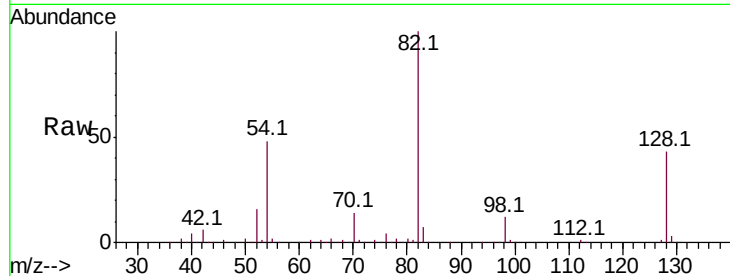
#23
 Nitrobenzene-d5
 Concen: 66.662 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109444.D
 Acq: 28 Sep 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 HS-STONE-RO-227

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	48.3	41.4	62.2

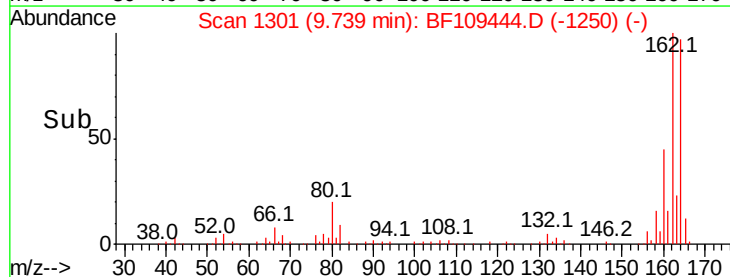
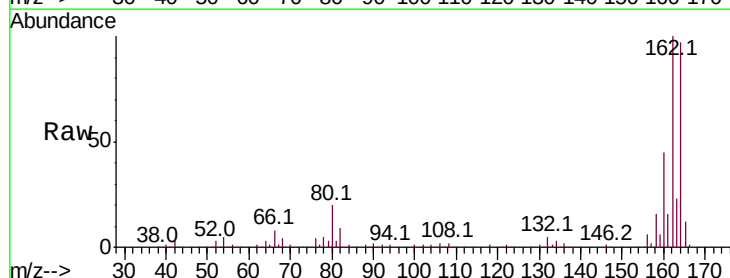
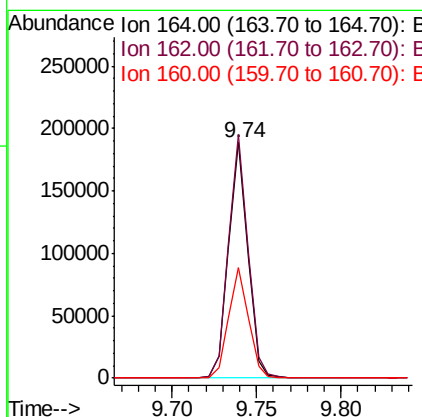
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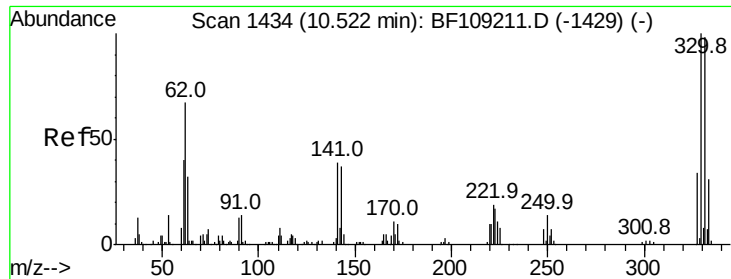
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109444.D
 Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	46.8	38.3	57.5





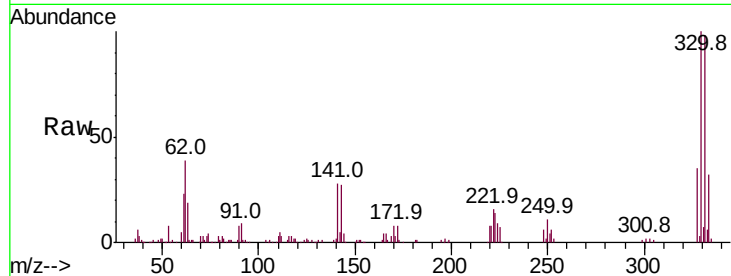
#41
 2,4,6-Tribromophenol
 Concen: 87.027 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109444.D
 Acq: 28 Sep 2018 21:37

Instrument :
 BNA_F
 ClientSampleId :
 HS-STONE-RO-227

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.5	77.0	115.6	
141	34.0	29.9	44.9	

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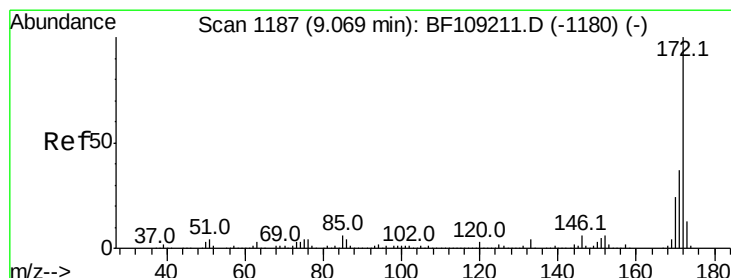
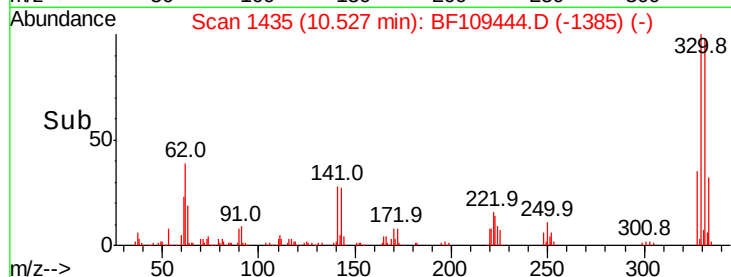
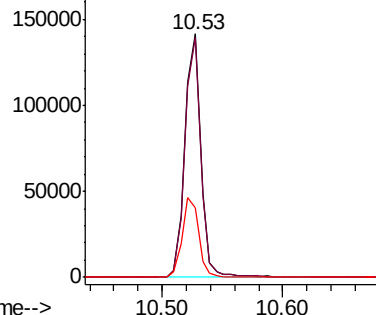


Abundance

Ion 329.80 (329.50 to 330.50): E

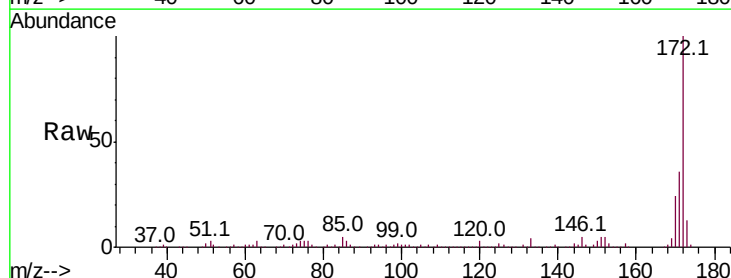
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.015 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109444.D
 Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	23.9	19.6	29.4	

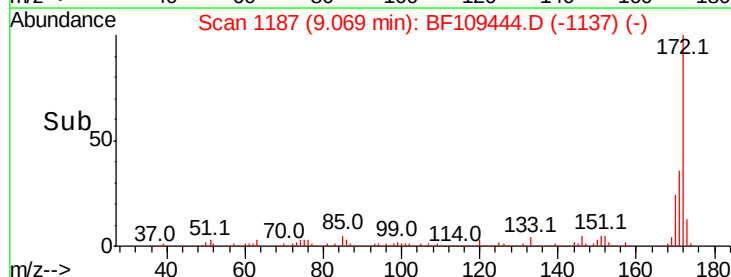
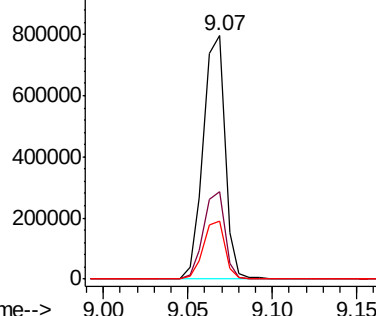


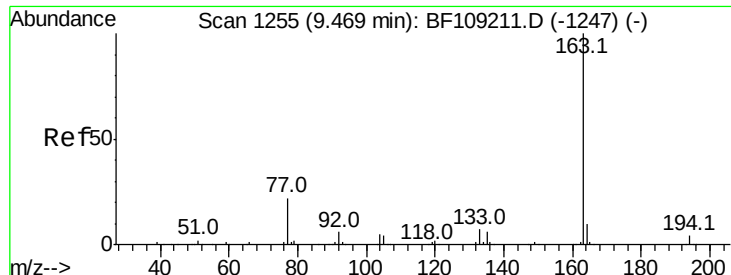
Abundance

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





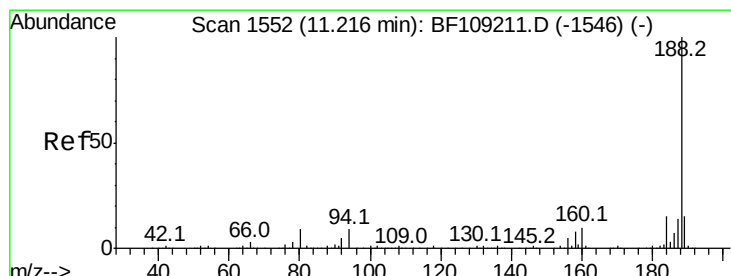
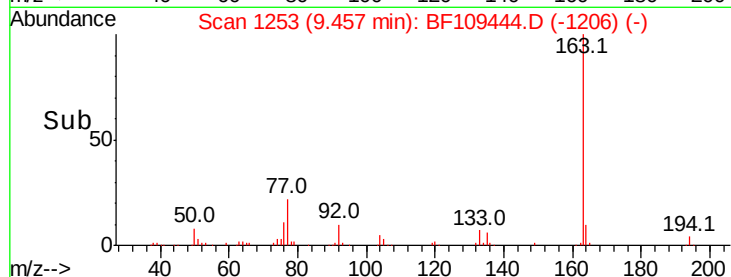
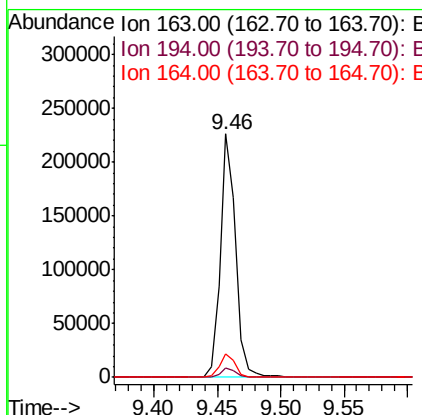
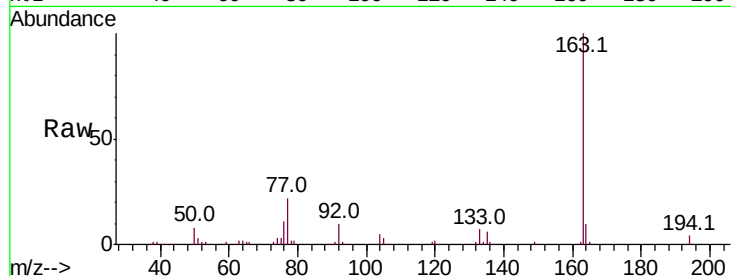
#49
Dimethylphthalate
Concen: 17.550 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Instrument :
BNA_F
ClientSampleId :
HS-STONE-RO-227

Tot Ion	Ratio	Resp	Lower	Upper
163	100	191440		
194	3.8	2.7	4.1	
164	9.8	8.2	12.2	

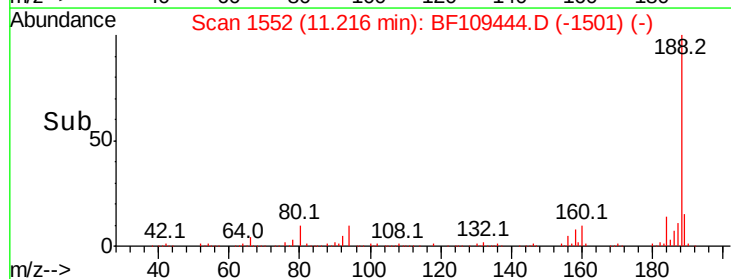
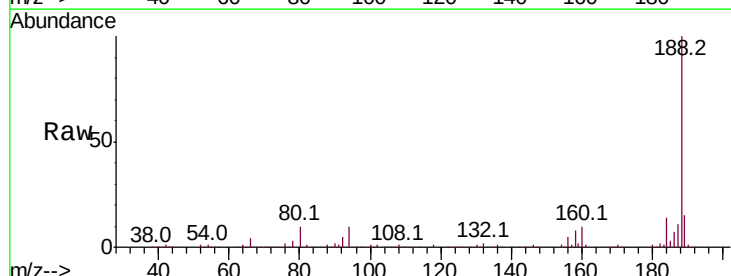
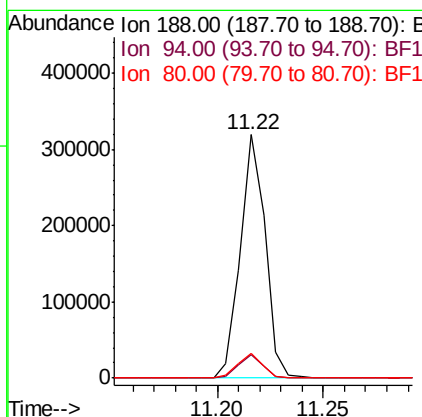
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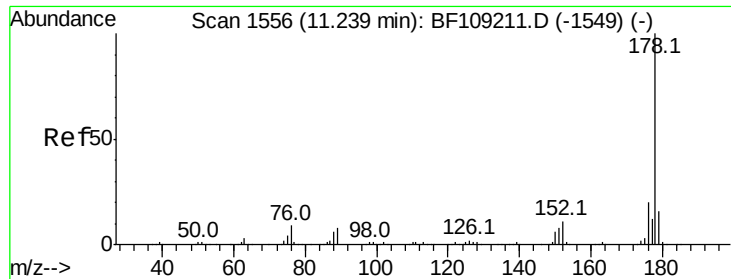
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	259298		
94	9.6	8.5	12.7	
80	10.2	9.2	13.8	





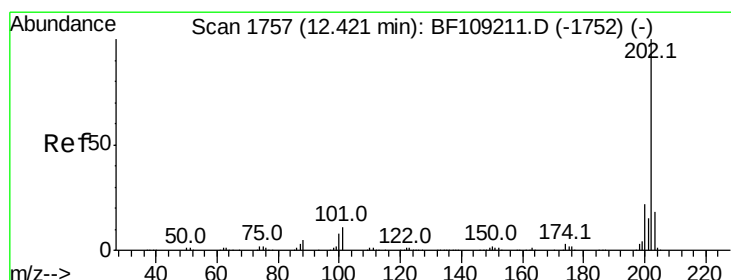
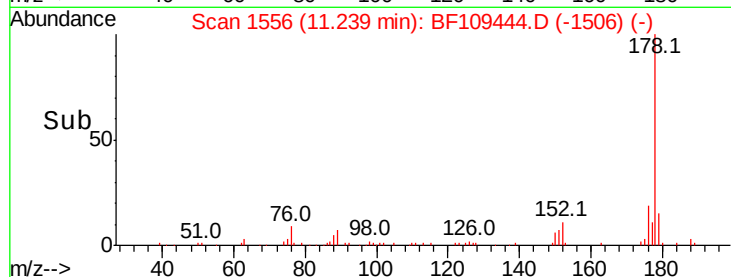
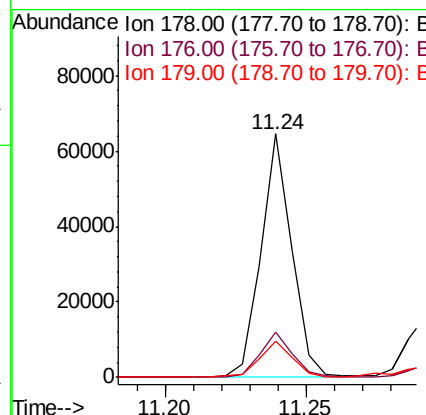
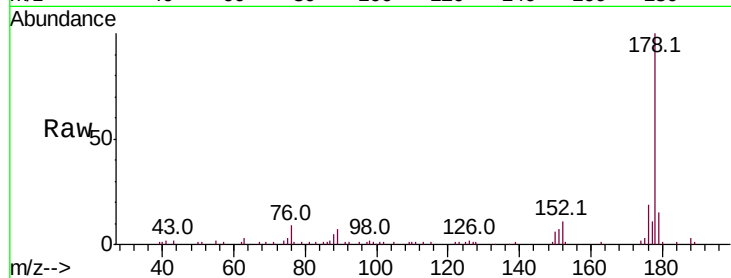
#70
Phenanthrene
Concen: 3.773 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Instrument :
BNA_F
ClientSampleId :
HS-STONE-RO-227

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.8	13.0	19.6

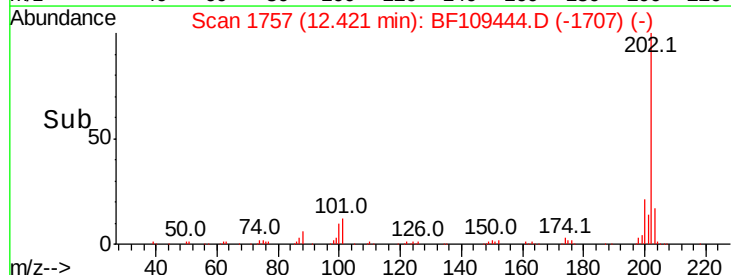
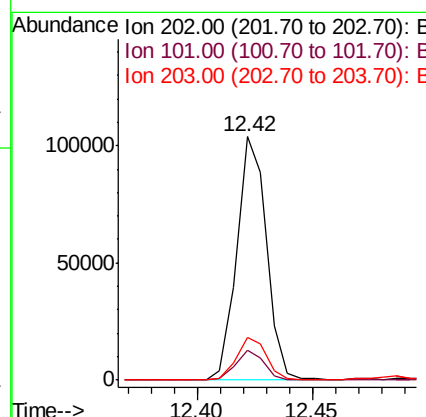
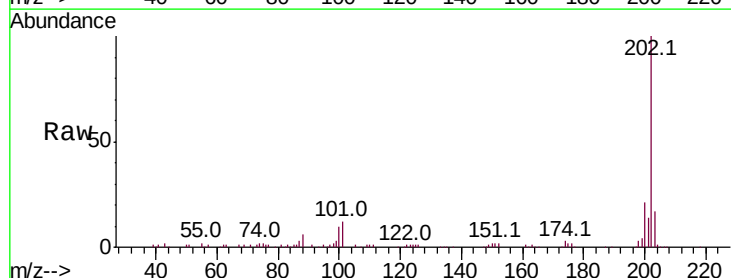
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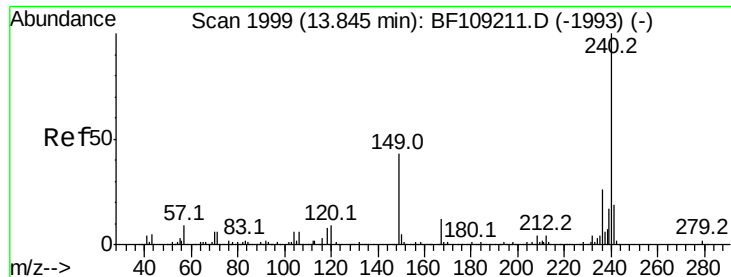
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#74
Fluoranthene
Concen: 6.748 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Instrument :

BNA_F

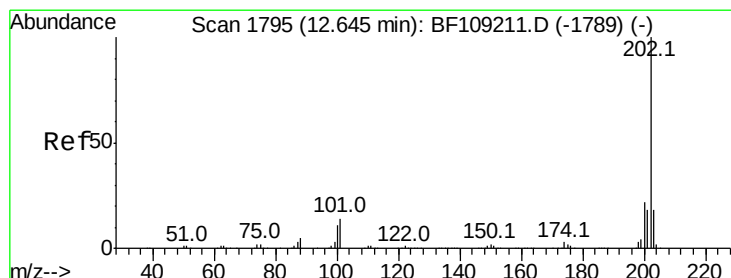
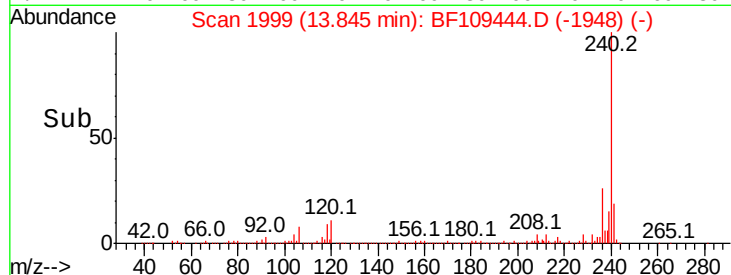
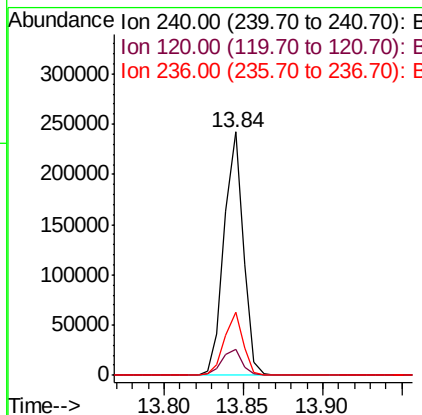
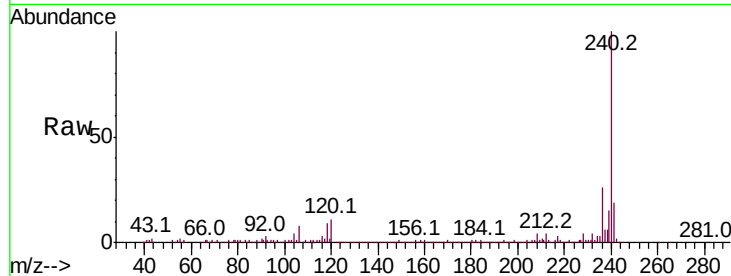
ClientSampleId :

HS-STONE-RO-227

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	10.6	9.5	14.3	
236	26.1	20.7	31.1	

Manual Integrations
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#77

Pyrene

Concen: 5.570 ng

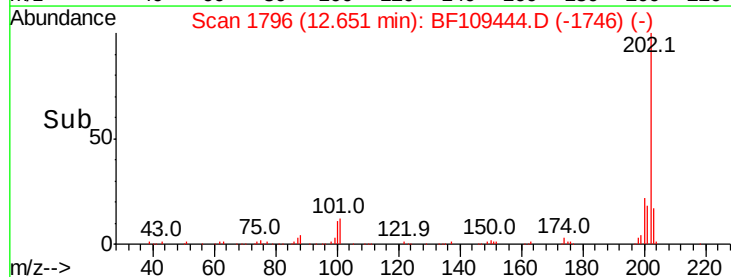
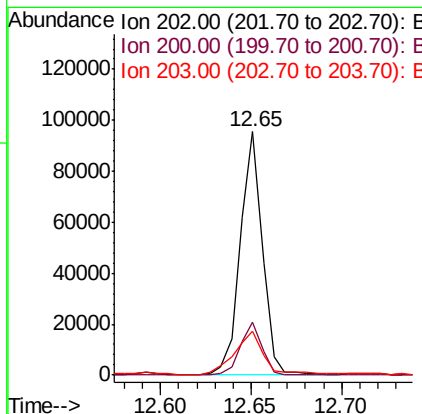
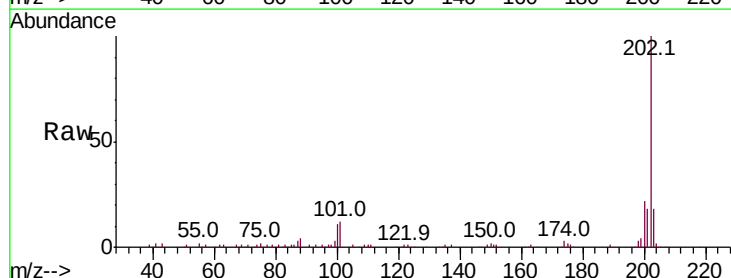
RT: 12.65 min Scan# 1796

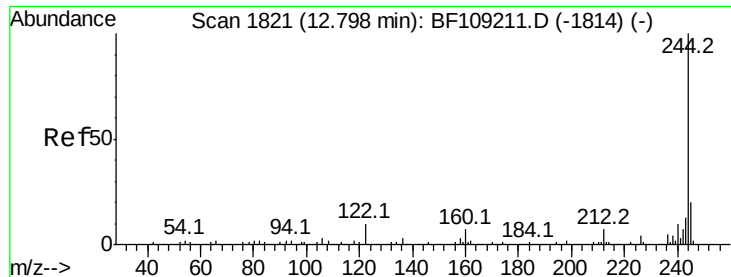
Delta R.T. -0.01 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.9	17.4	26.2	
203	17.8	14.3	21.5	





#78

Terphenyl-d14

Concen: 73.176 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Instrument :

BNA_F

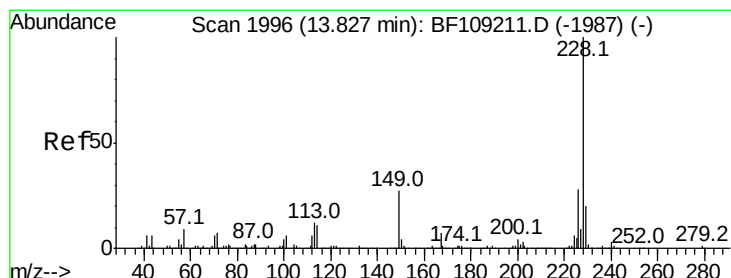
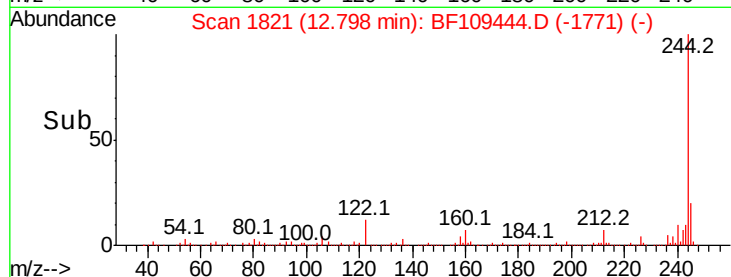
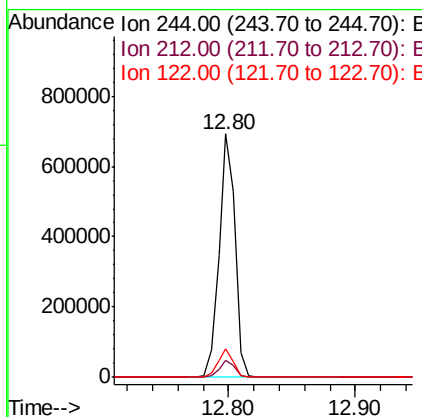
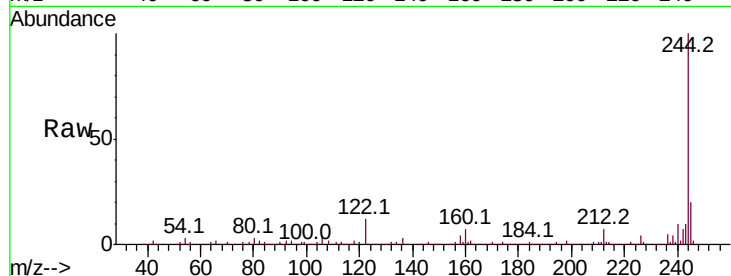
ClientSampleId :

HS-STONE-RO-227

Tot Ion:	244	Resp:	609954
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	12.0	11.0	16.4

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#80

Benzo(a)anthracene

Concen: 3.761 ng

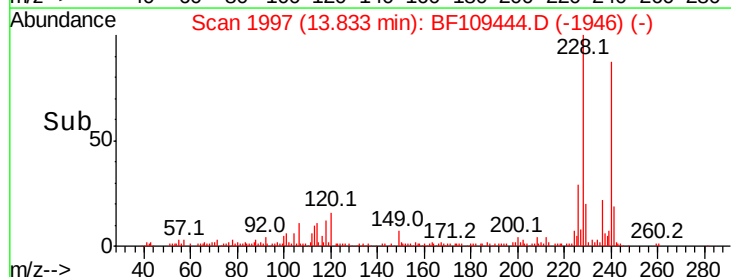
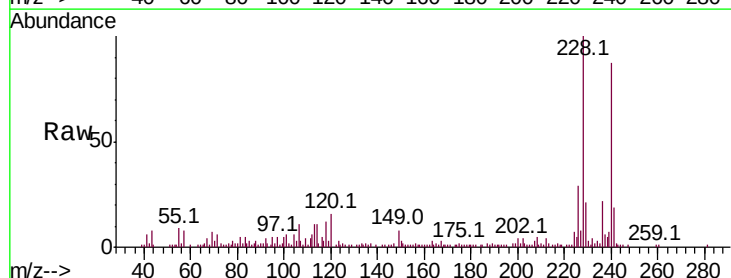
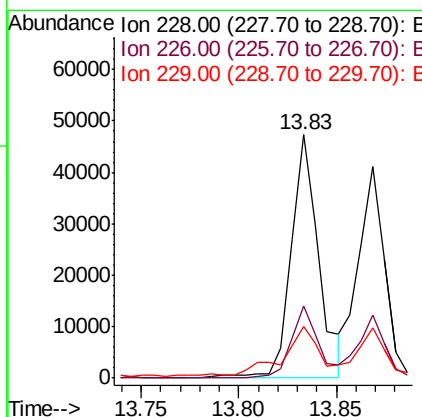
RT: 13.83 min Scan# 1997

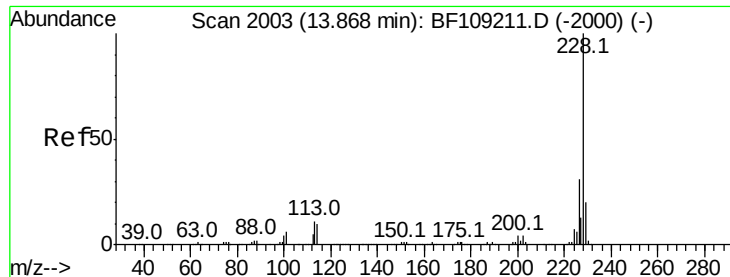
Delta R.T. 0.00 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Tgt Ion:	228	Resp:	46347
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.6	33.8
229	21.1	15.8	23.6





#82

Chrysene

Concen: 3.210 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Instrument :

BNA_F

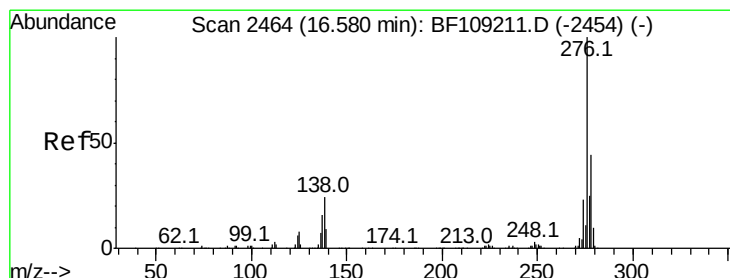
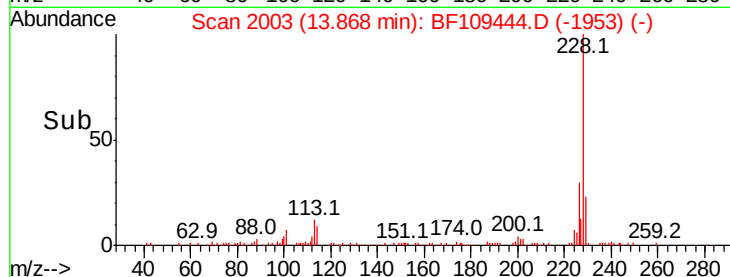
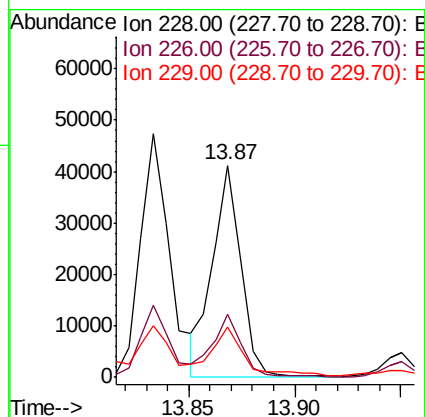
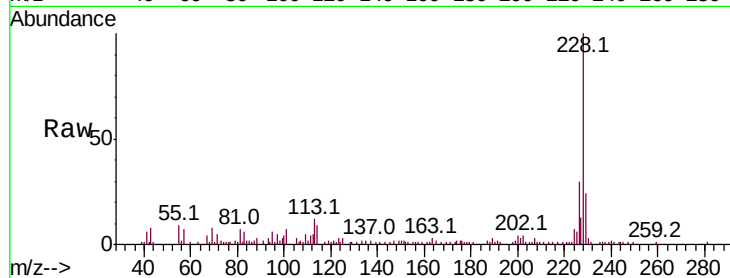
ClientSampleId :

HS-STONE-RO-227

Tot Ion:	228	Resp:	39208
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	23.6	16.2	24.4

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.021 ng

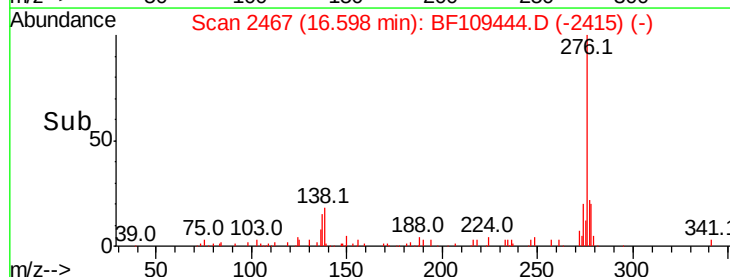
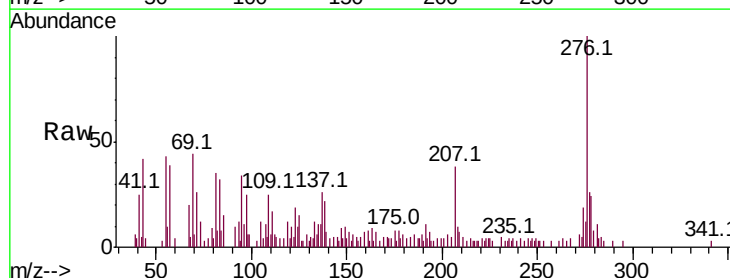
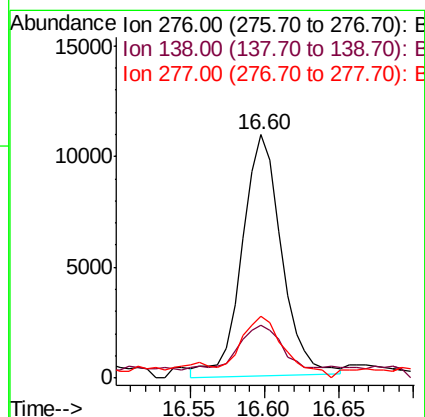
RT: 16.60 min Scan# 2467

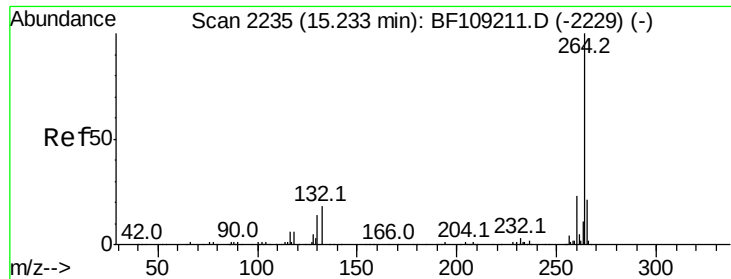
Delta R.T. 0.01 min

Lab File: BF109444.D

Acq: 28 Sep 2018 21:37

Tgt Ion:	276	Resp:	20001
Ion Ratio	Lower	Upper	
276	100		
138	17.1	25.0	37.6#
277	28.5	20.1	30.1





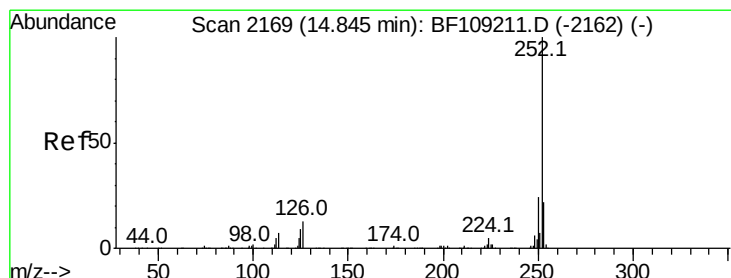
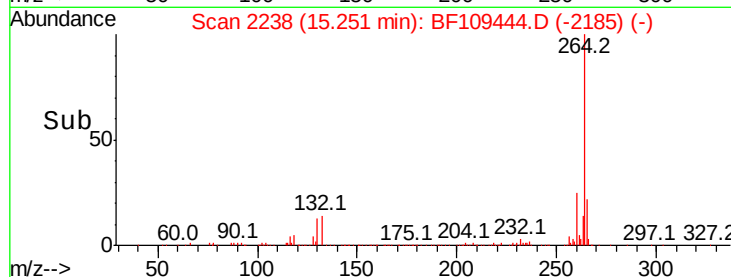
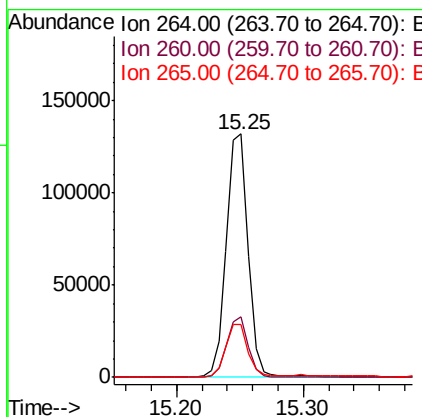
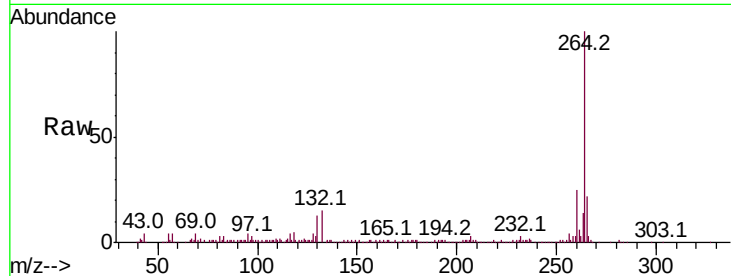
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Instrument :
BNA_F
ClientSampleId :
HS-STONE-RO-227

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.9	17.5	26.3

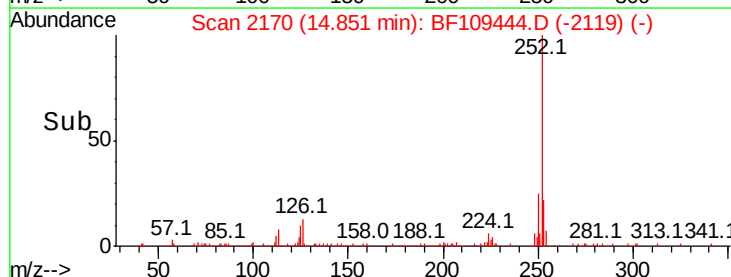
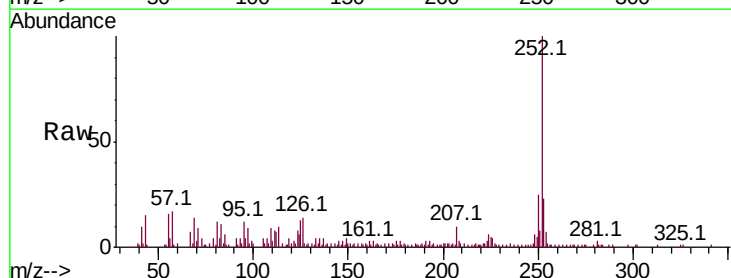
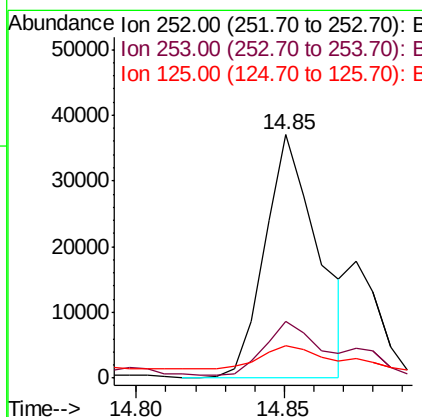
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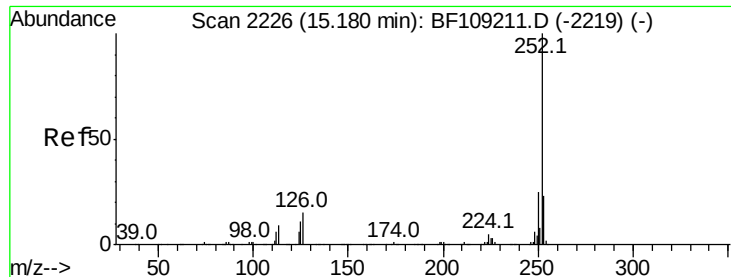
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#87
Benzo(b)fluoranthene
Concen: 5.386 ng m
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	13.3	9.0	13.6





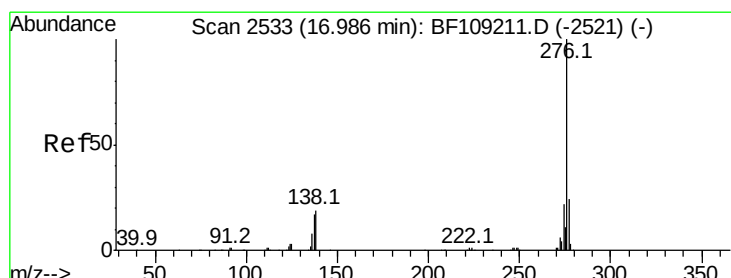
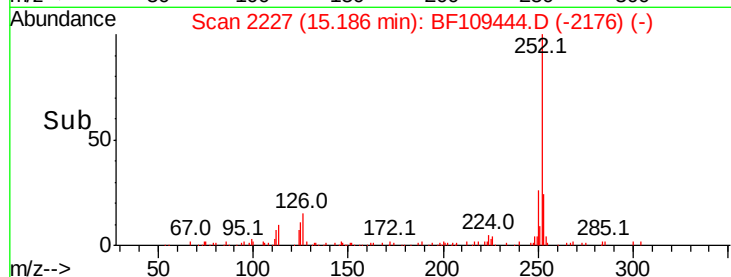
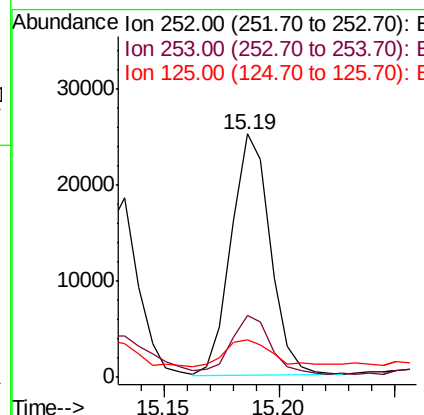
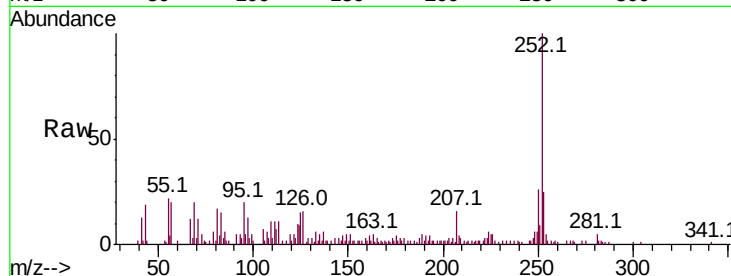
#89
Benzo(a)pyrene
Concen: 3.840 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Instrument :
BNA_F
ClientSampleId :
HS-STONE-RO-227

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	15.3	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.049 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF109444.D
Acq: 28 Sep 2018 21:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	26.2	21.8	32.8

