

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111739.D
 Acq On : 27 Dec 2018 2:56
 Operator : JU/SJ
 Sample : J6547-04 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1B

Manual Integrations
 APPROVED

Sohil
 12/27/2018 8:22:41 AM

Quant Time: Dec 27 04:24:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	150076	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	503260	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	224532	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	421454	20.00	ng	0.01
76) Chrysene-d12	14.07	240	304131	20.00	ng	0.02
87) Perylene-d12	15.56	264	241726	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	451789	51.31	ng	0.02
7) Phenol-d6	6.54	99	546402	48.76	ng	0.02
23) Nitrobenzene-d5	7.46	82	321258	37.16	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	133629	50.37	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	593494	38.53	ng	0.00
79) Terphenyl-d14	13.01	244	595669	37.14	ng	0.01
Target Compounds						
10) Phenol	6.55	94	27090	2.143	ng	92
50) Dimethylphthalate	9.65	163	83037	5.057	ng	98
71) Phenanthrene	11.45	178	107311	4.801	ng	93
75) Fluoranthene	12.64	202	202645	8.953	ng	94
78) Pyrene	12.87	202	179390	8.353	ng	97
81) Benzo(a)anthracene	14.06	228	76528	4.409	ng	97
83) Chrysene	14.09	228	71452m	4.189	ng	
86) Indeno(1,2,3-cd)pyrene	17.06	276	31315	2.159	ng	# 83
88) Benzo(b)fluoranthene	15.12	252	73271m	5.186	ng	
89) Benzo(k)fluoranthene	15.14	252	31008m	2.305	ng	
90) Benzo(a)pyrene	15.49	252	54727	4.264	ng	# 88
92) Benzo(a,h,i)perylene	17.52	276	29749	2.711	ng	# 87

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

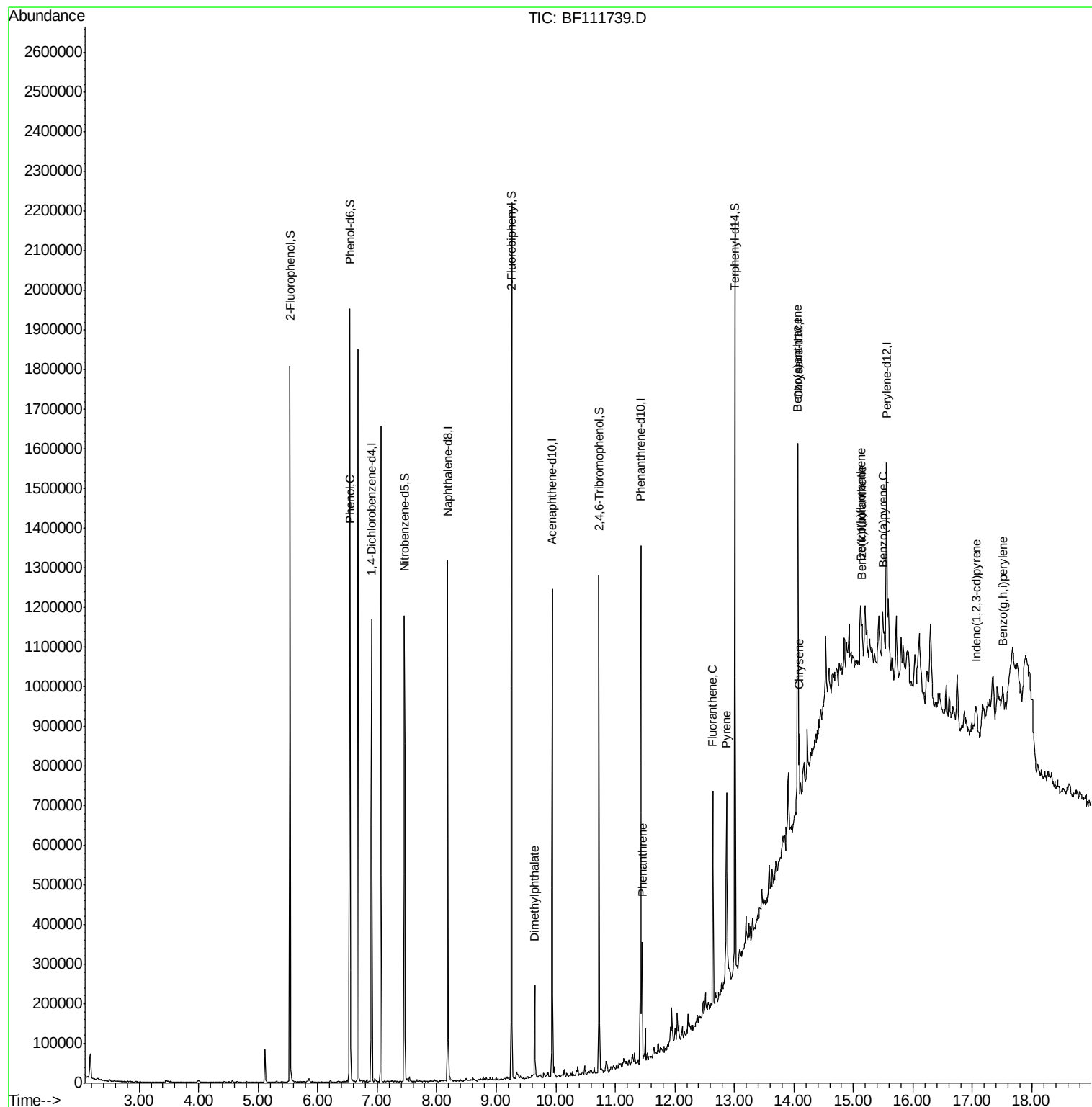
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111739.D
Acq On : 27 Dec 2018 2:56
Operator : JU/SJ
Sample : J6547-04 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

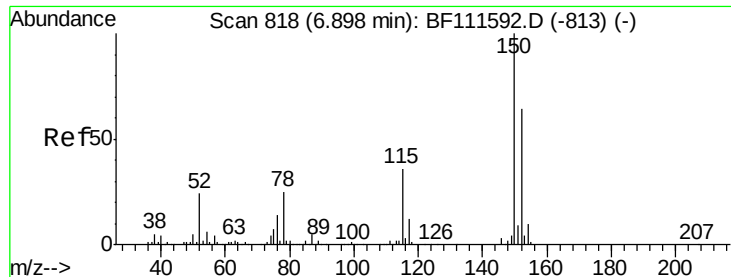
Instrument :
BNA_F
ClientSampleId :
COMP-1B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

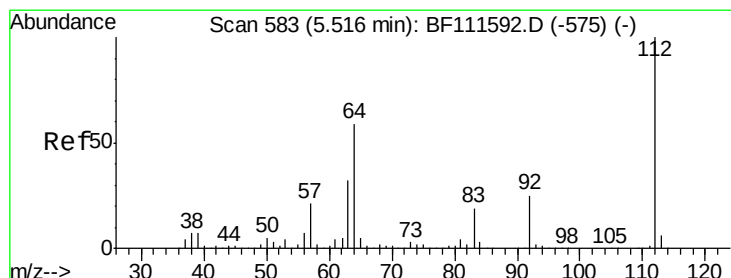
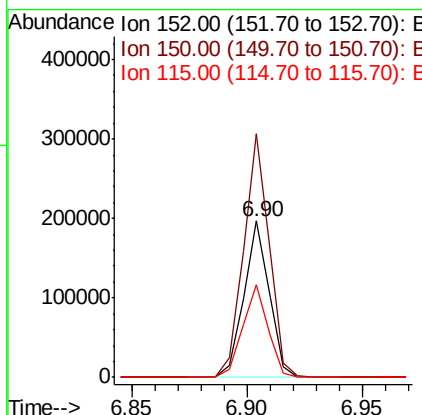
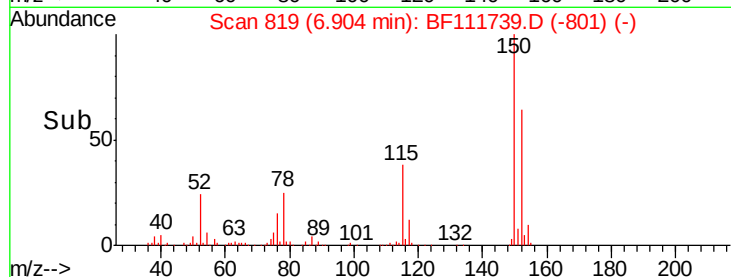
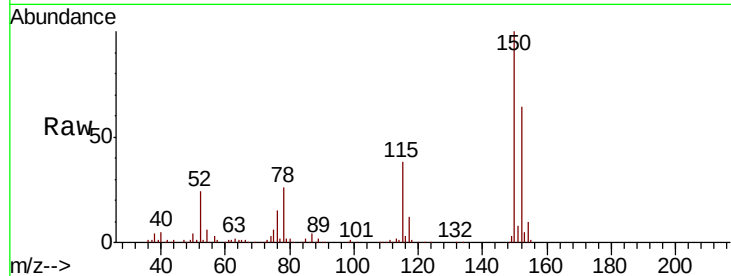
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	59.5	50.7	76.1

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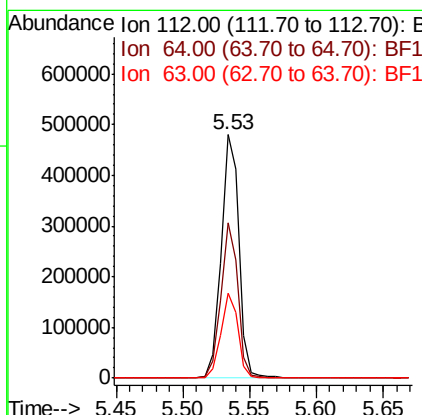
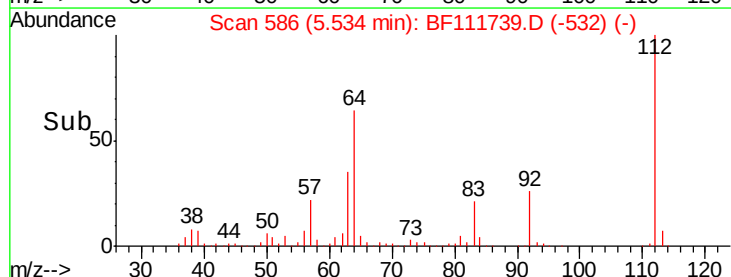
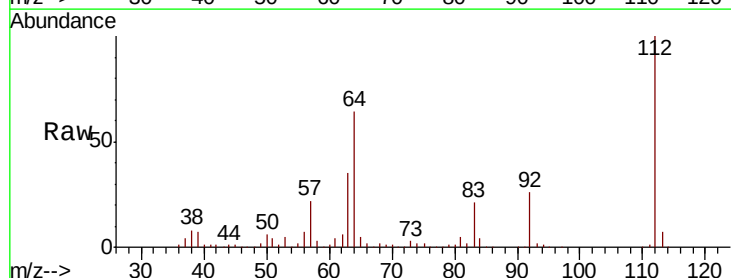
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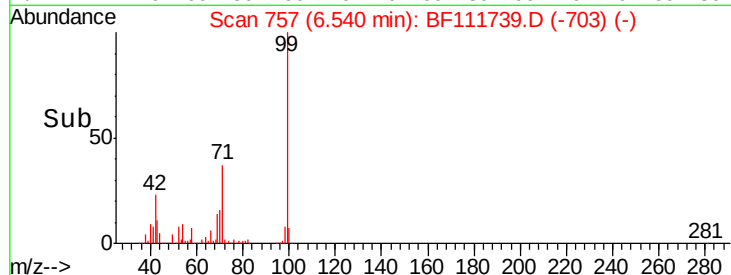
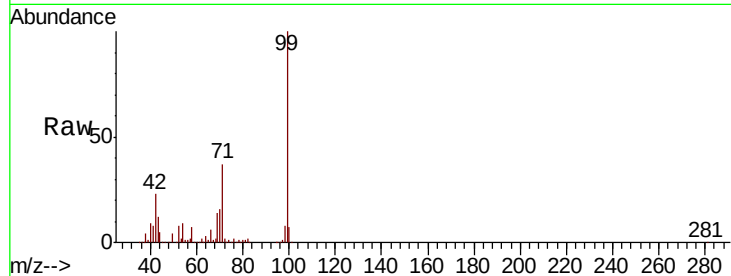
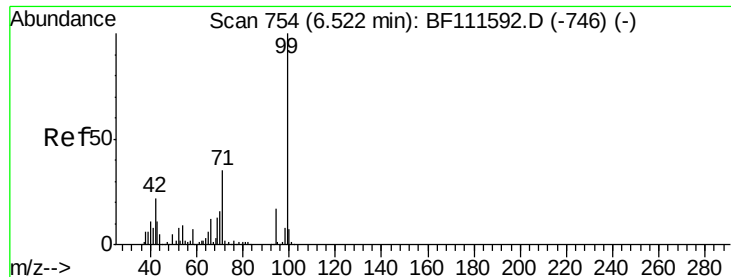


#5

2-Fluorophenol
Concen: 51.313 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.8	77.6
63	35.0	26.8	40.2





#7

Phenol-d6

Concen: 48.764 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111739.D

Acq: 27 Dec 2018 2:56

Tot Ion:	99	Resp:	546402
Ion Ratio	Lower	Upper	
99	100		
42	22.8	17.4	26.0
71	37.5	26.1	39.1

Instrument :

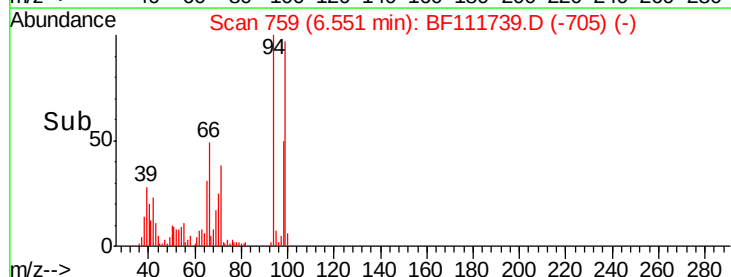
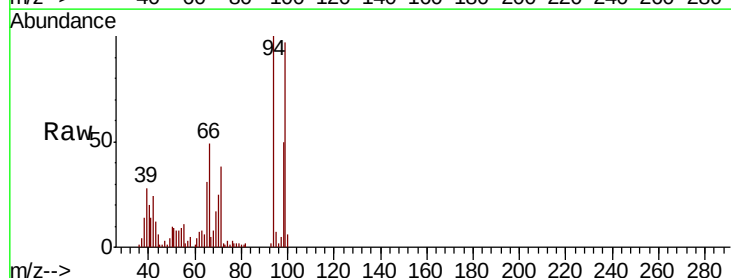
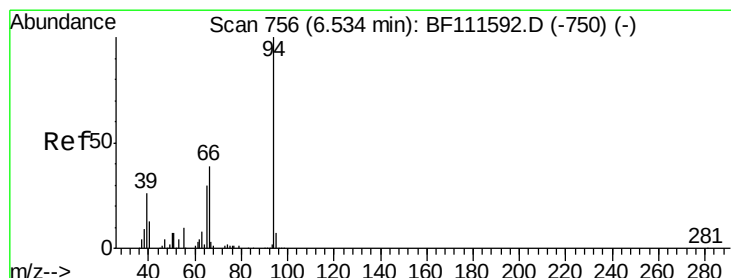
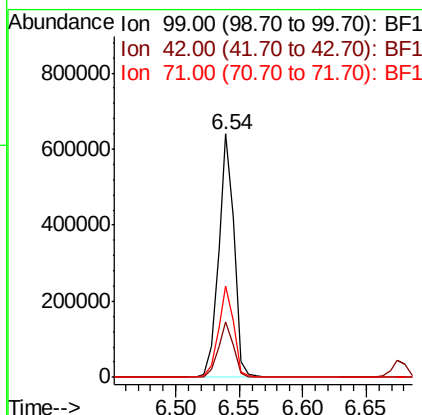
BNA_F

ClientSampleId :

COMP-1B

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#10

Phenol

Concen: 2.143 ng

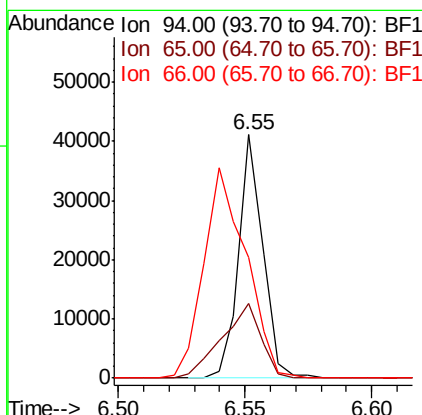
RT: 6.55 min Scan# 759

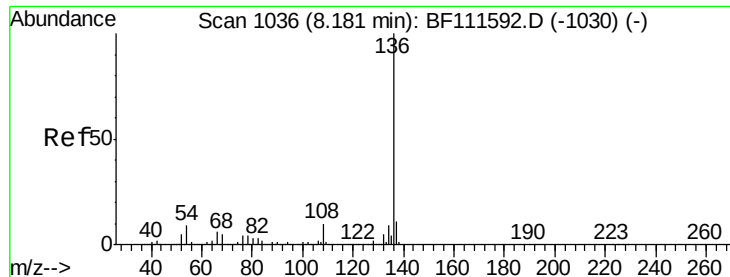
Delta R.T. 0.02 min

Lab File: BF111739.D

Acq: 27 Dec 2018 2:56

Tgt Ion:	94	Resp:	27090
Ion Ratio	Lower	Upper	
94	100		
65	30.8	11.7	51.7
66	49.4	21.0	61.0





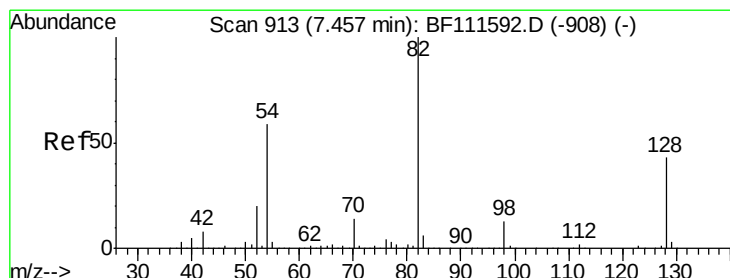
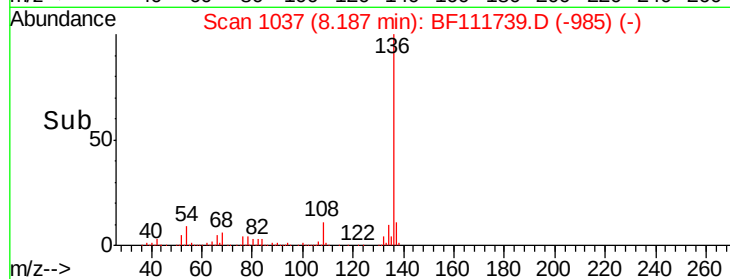
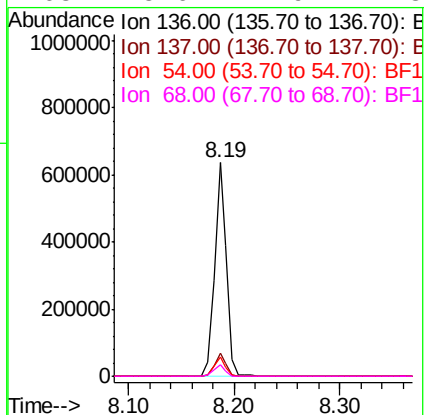
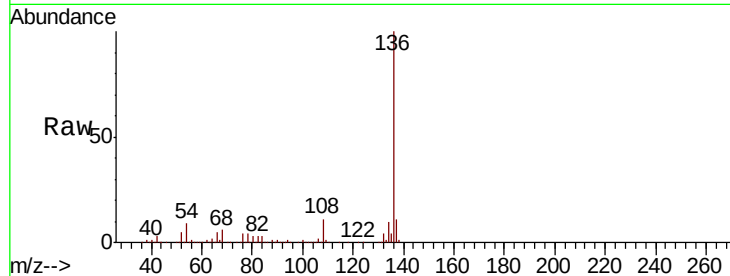
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		503260		
137	11.1	9.1	13.7		
54	9.1	7.7	11.5		
68	5.6	4.9	7.3		

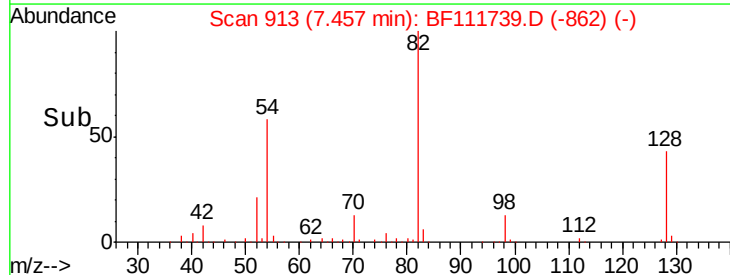
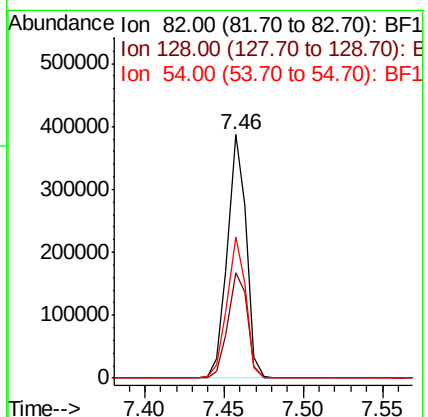
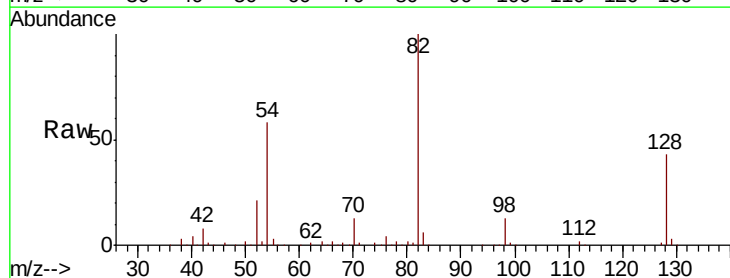
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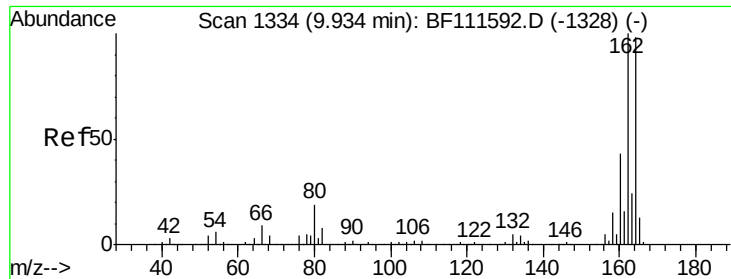
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#23
Nitrobenzene-d5
Concen: 37.157 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		321258		
128	43.2	37.4	56.2		
54	58.2	47.6	71.4		





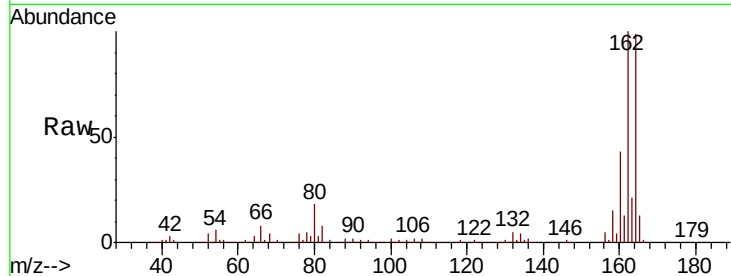
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111739.D
 Acq: 27 Dec 2018 2:56

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1B

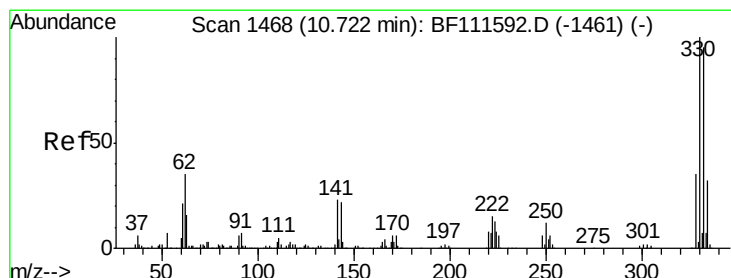
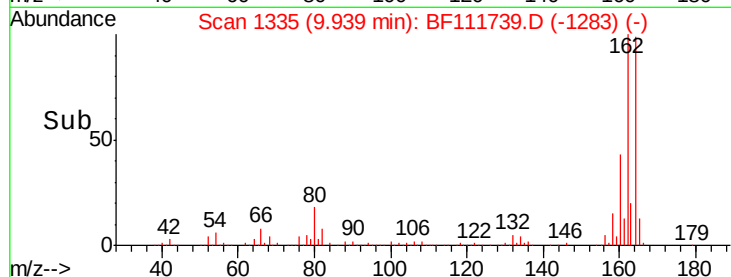
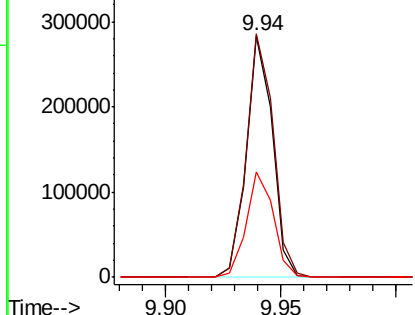
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	81.4	122.0	
160	43.9	35.7	53.5	

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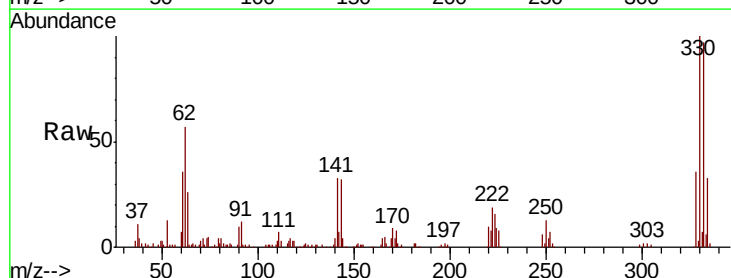


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

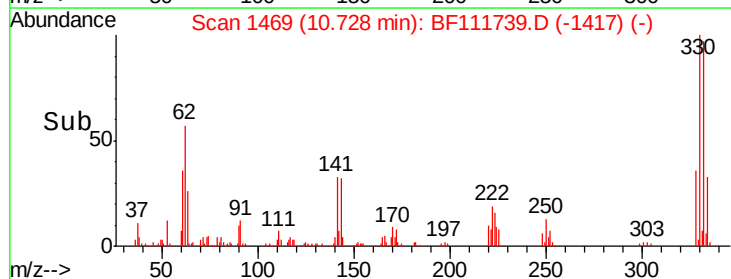
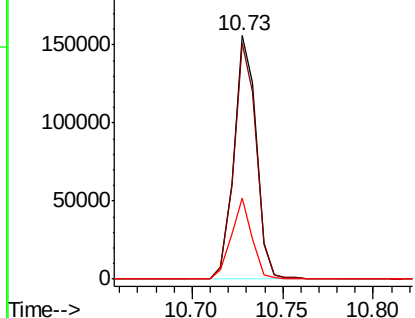


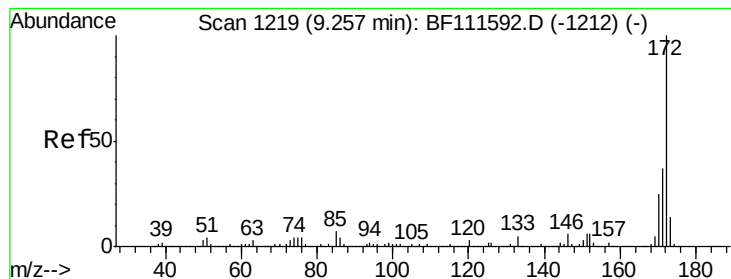
#42
 2,4,6-Tribromophenol
 Concen: 50.369 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111739.D
 Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	76.0	114.0	
141	31.4	31.0	46.6	



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





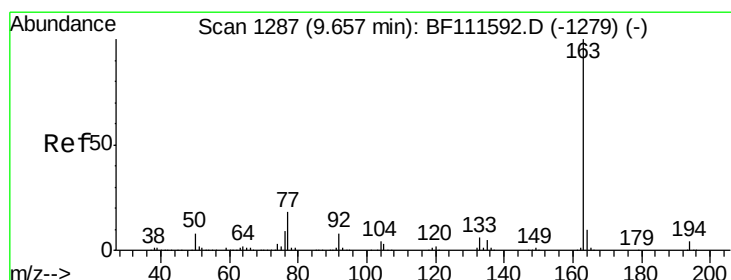
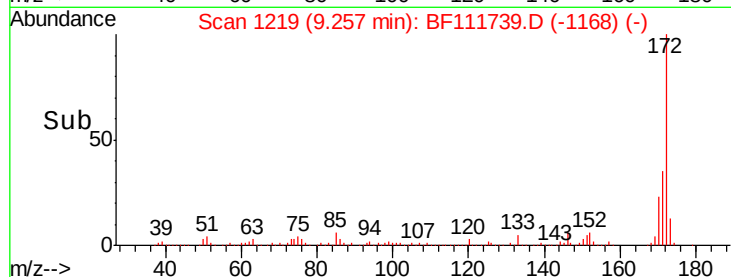
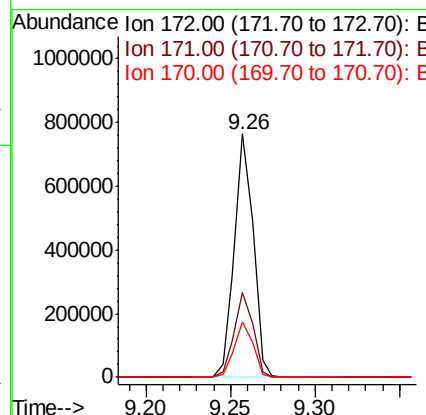
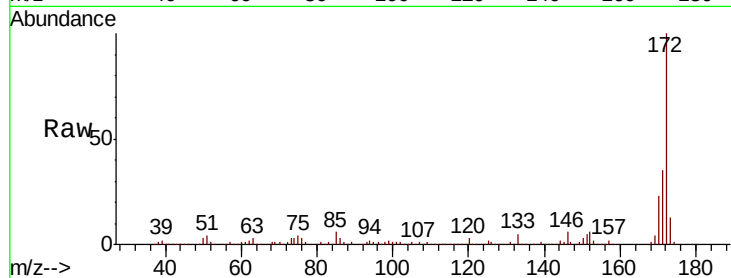
#45
2-Fluorobiphenyl
Concen: 38.527 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampled :
COMP-1B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	593494		
171	34.8		33.0	49.4
170	22.8		22.3	33.5

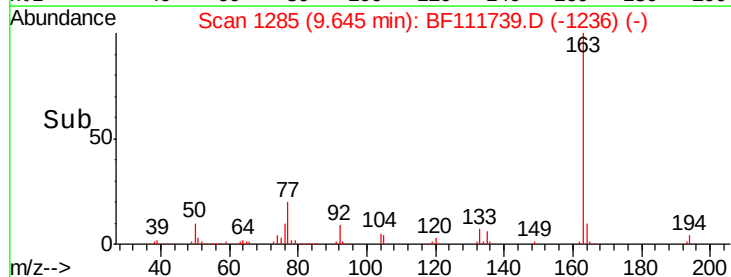
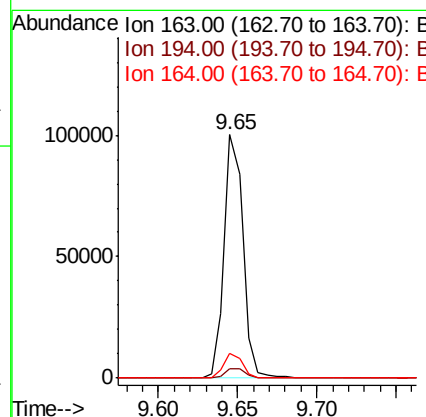
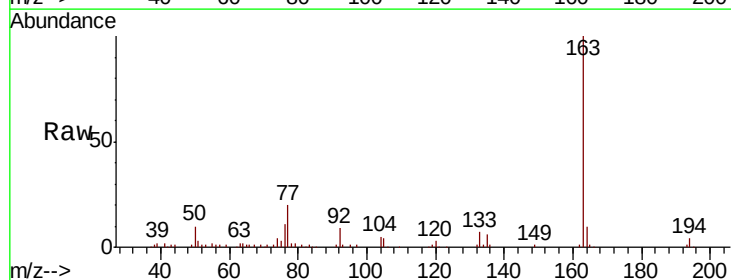
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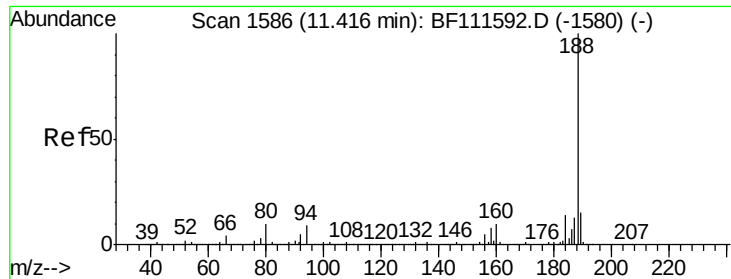
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#50
Dimethylphthalate
Concen: 5.057 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83037		
194	4.1		3.0	4.6
164	10.3		8.9	13.3





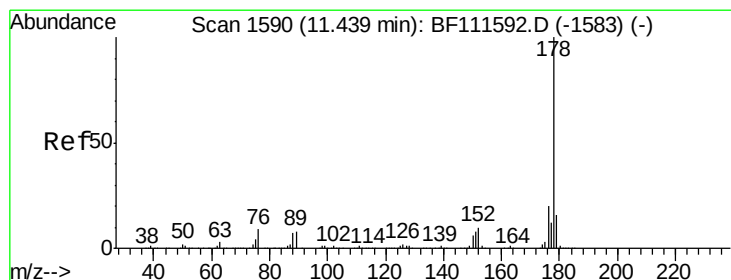
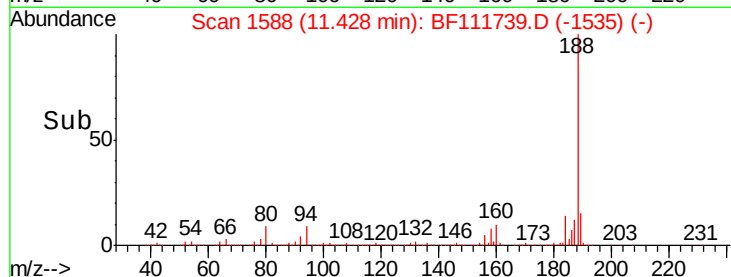
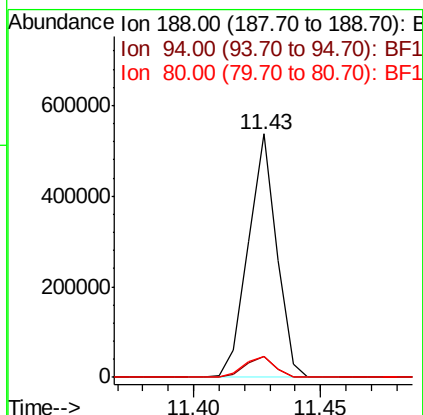
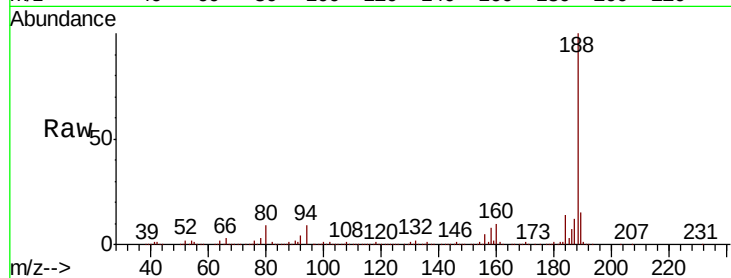
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampled :
COMP-1B

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	9.6	14.4#
80	8.7	9.8	14.6#

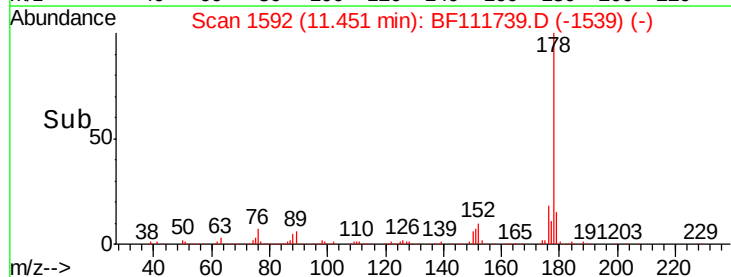
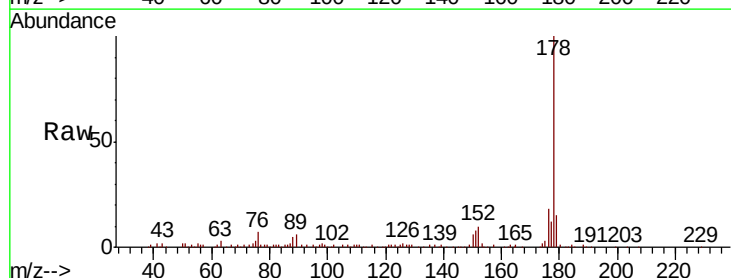
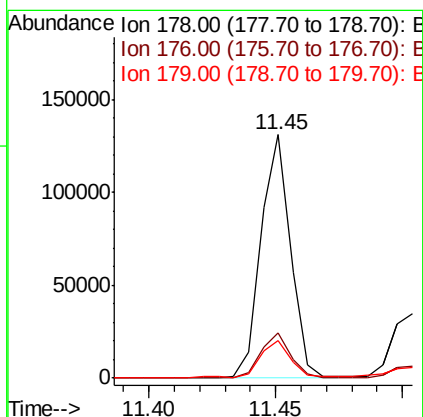
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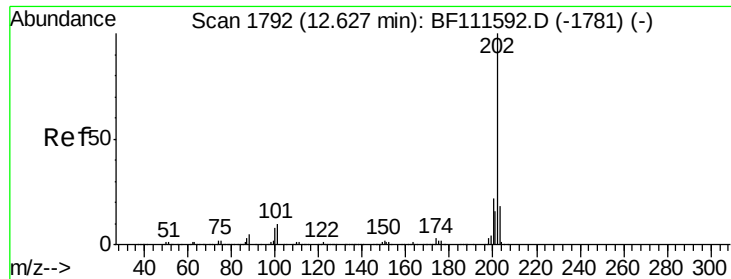
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#71
Phenanthrene
Concen: 4.801 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.5	18.1	27.1
179	15.2	14.0	21.0





#75

Fluoranthene

Concen: 8.953 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111739.D

Acq: 27 Dec 2018 2:56

Instrument :

BNA_F

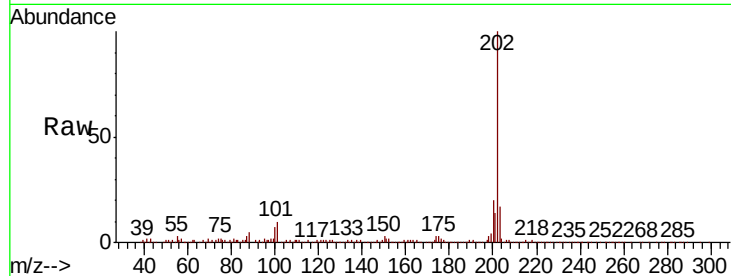
ClientSampleId :

COMP-1B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.1	0.0	33.8		
203	17.1	0.0	38.6		

Manual Integrations
APPROVED

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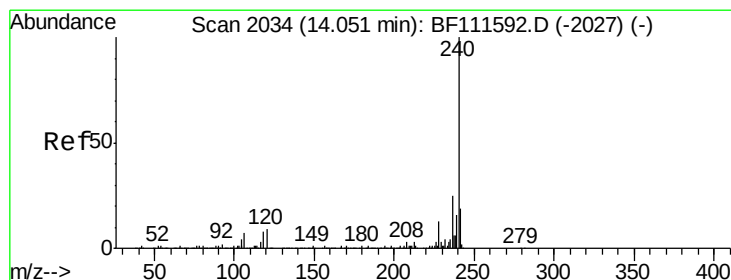
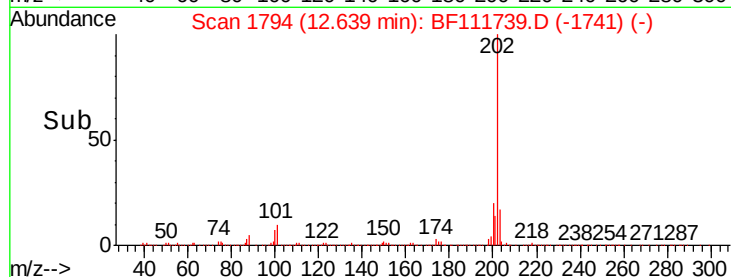
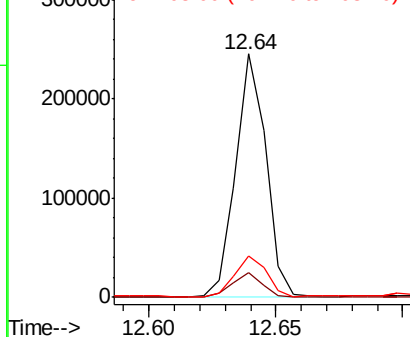


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

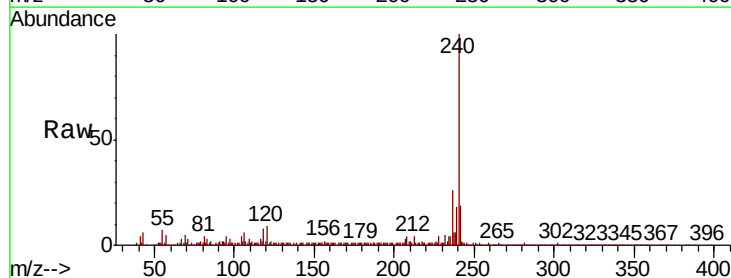
RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111739.D

Acq: 27 Dec 2018 2:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	9.1	12.2	18.2#		
236	26.1	20.2	30.2		

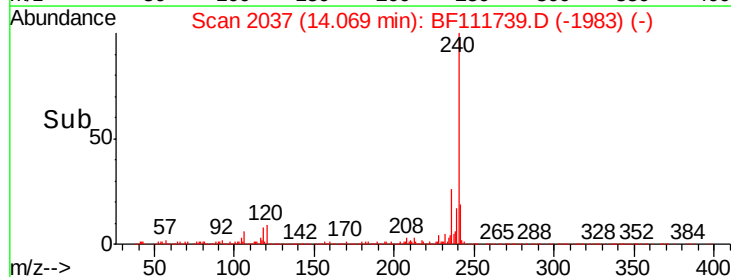
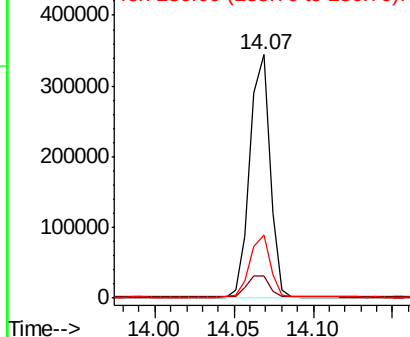


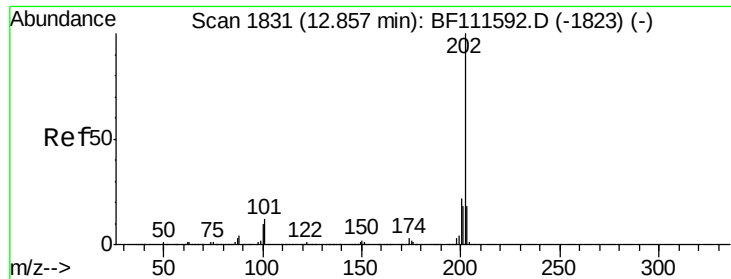
Abundance

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





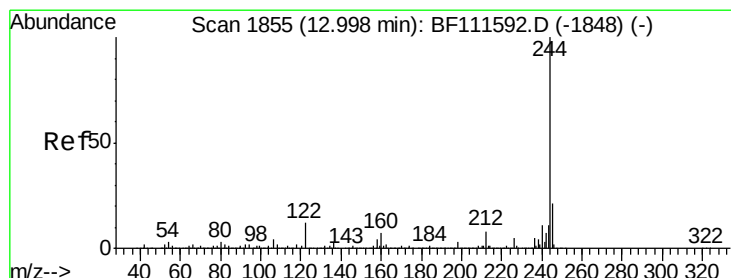
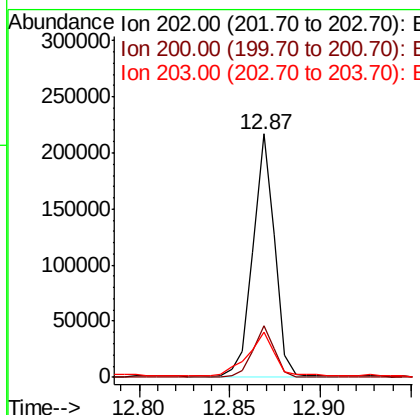
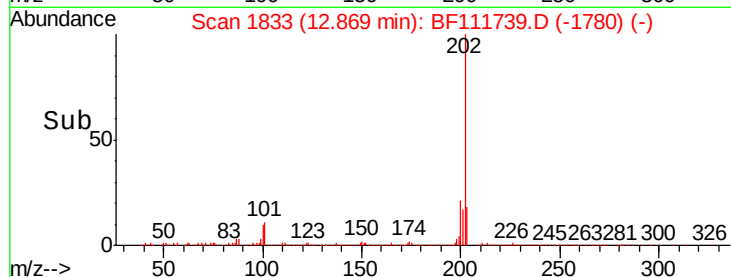
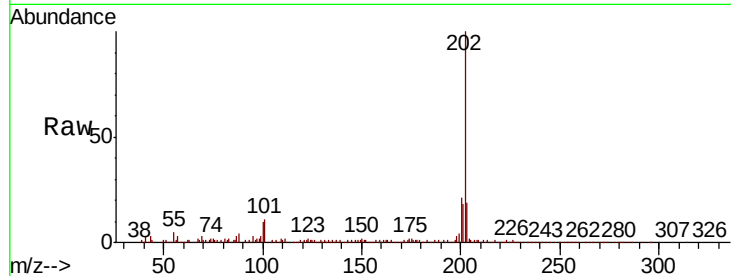
#78
Pvrene
Concen: 8.353 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampled :
COMP-1B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	19.0	28.4
203	18.5	15.2	22.8

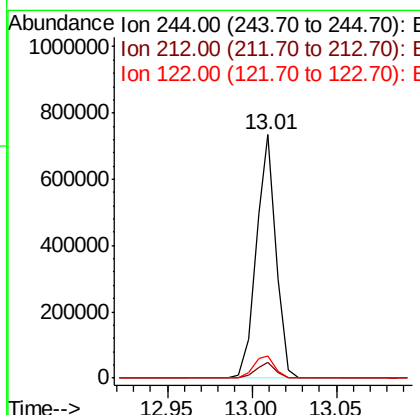
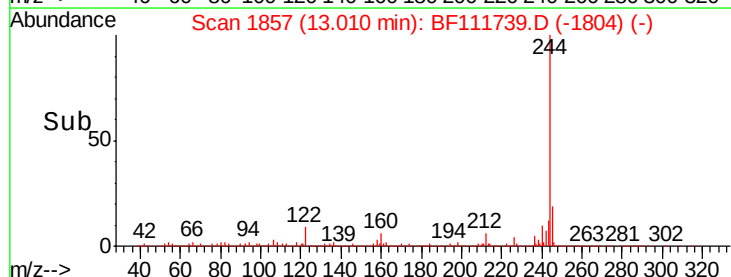
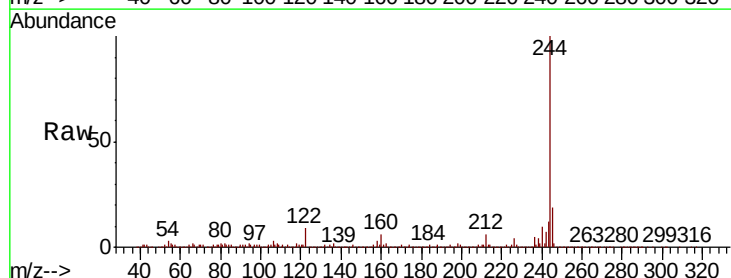
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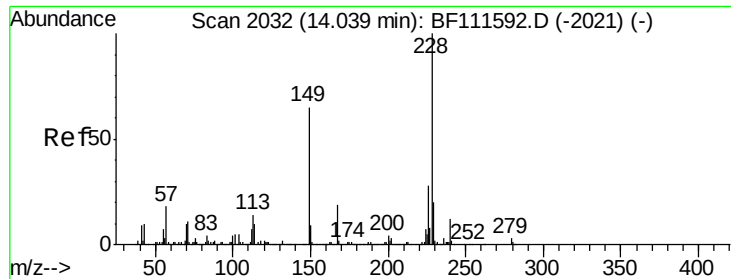
Sohil
12/27/2018 8:22:41 AM



#79
Terphenyl-d14
Concen: 37.143 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	5.7	8.5
122	9.3	13.1	19.7#





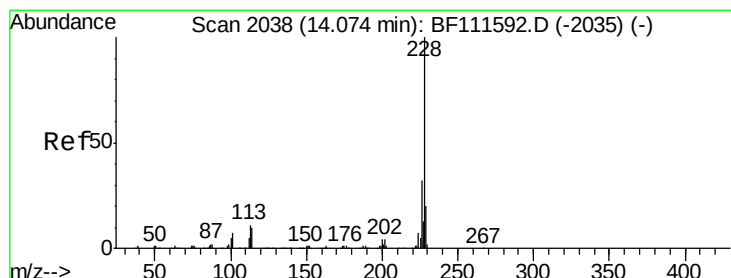
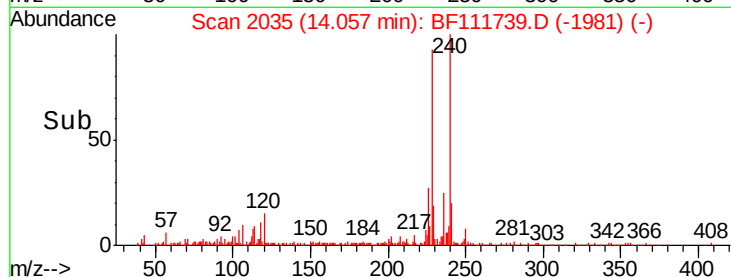
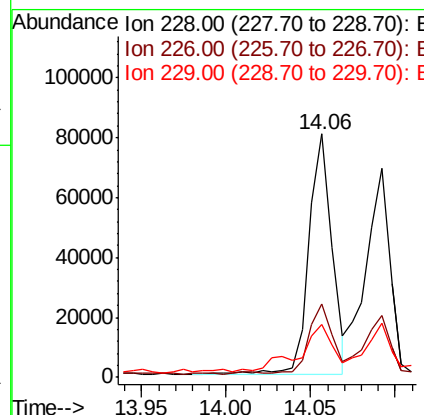
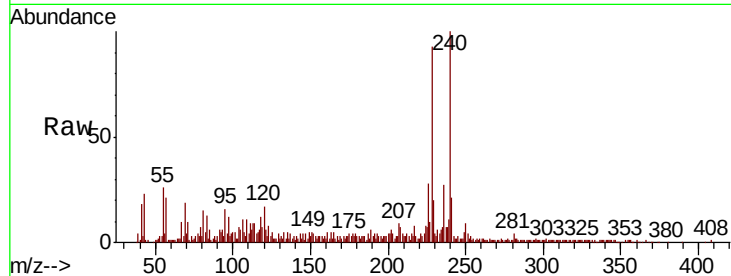
#81
Benzo(a)anthracene
Concen: 4.409 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampled :
COMP-1B

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	34.0
229	21.6	16.3	24.5

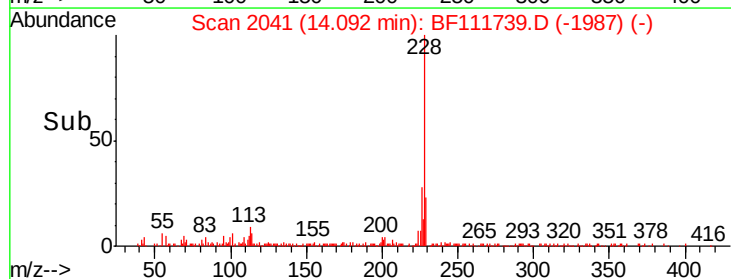
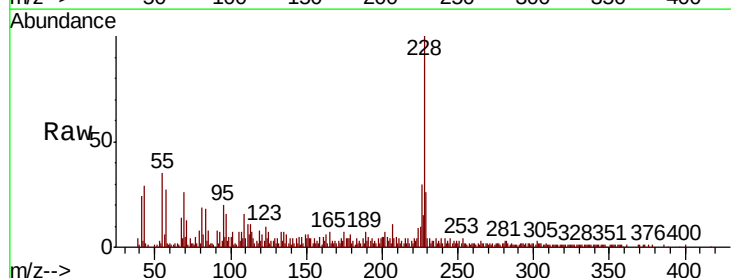
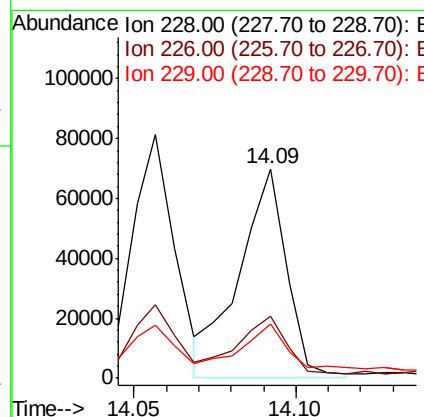
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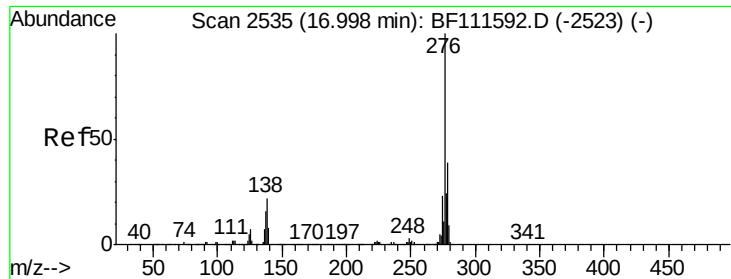
Sohil
12/27/2018 8:22:41 AM



#83
Chrysene
Concen: 4.189 ng m
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.3	37.9
229	26.0	17.2	25.8





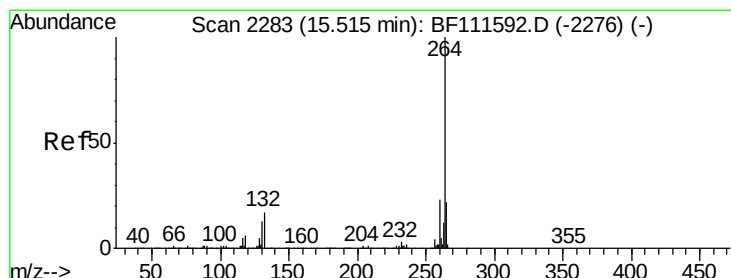
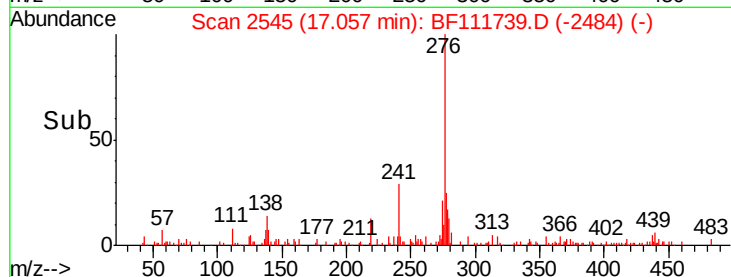
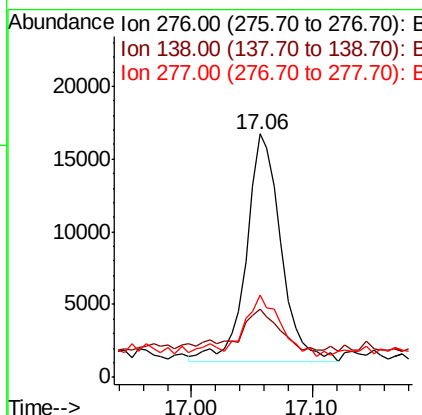
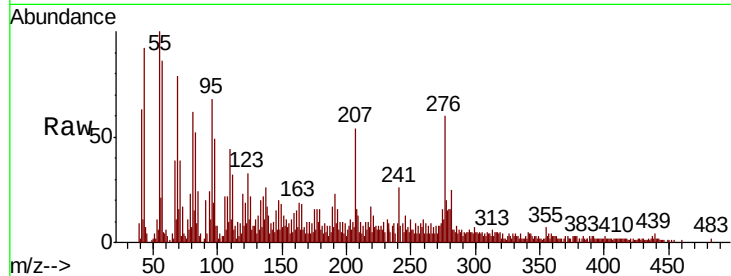
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.159 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.06 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.3	27.8	41.6#
277	25.8	20.1	30.1

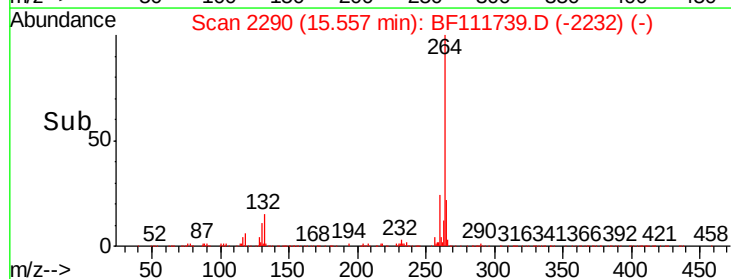
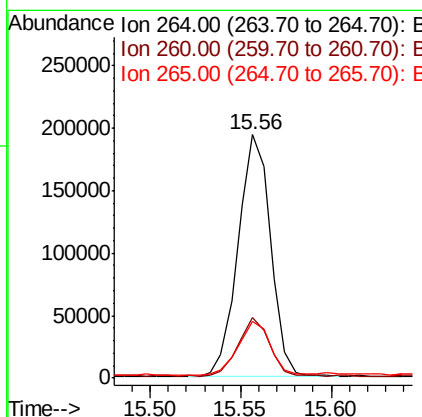
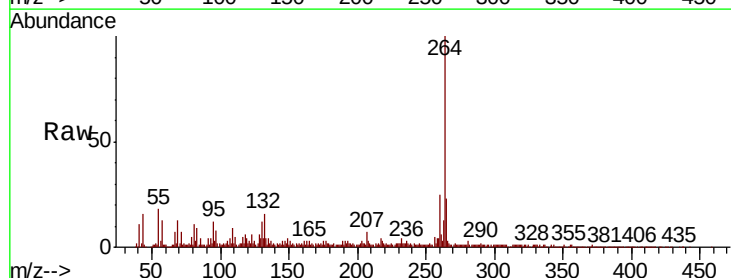
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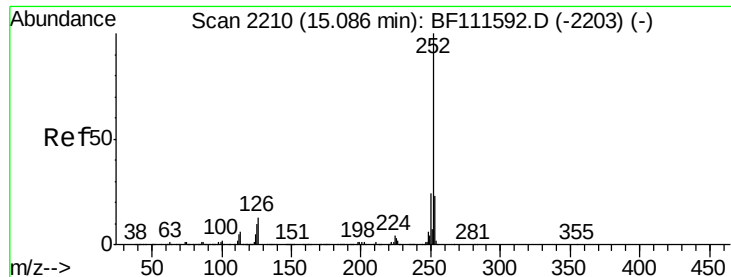
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.04 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.3	27.5
265	23.1	17.7	26.5





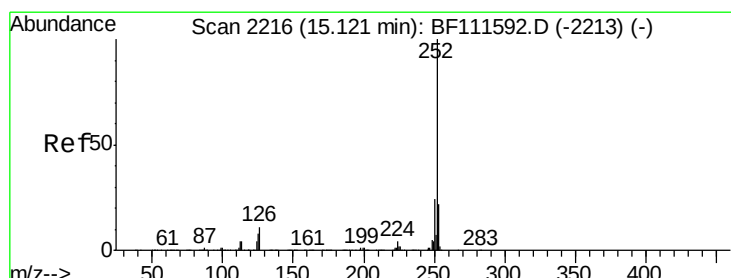
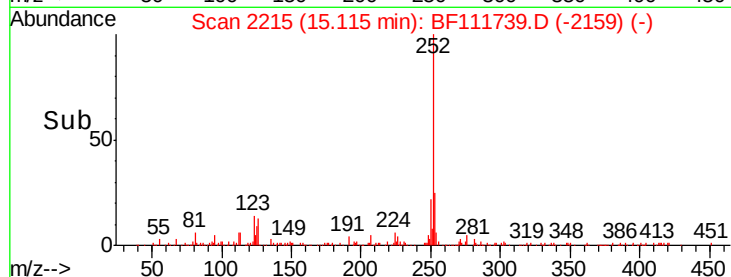
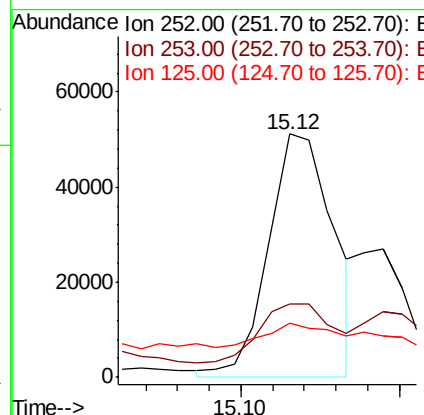
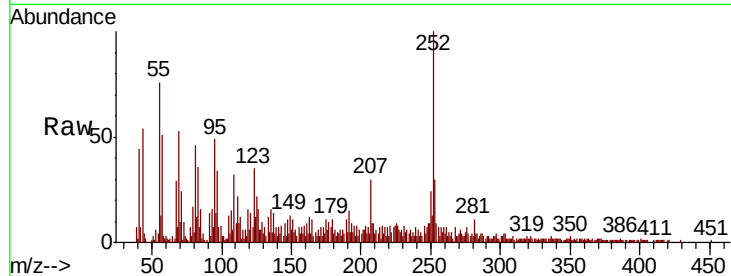
#88
Benzo(b)fluoranthene
Concen: 5.186 ng m
RT: 15.12 min Scan# 2215
Delta R.T. 0.03 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.9	18.2	27.2#
125	22.3	10.4	15.6#

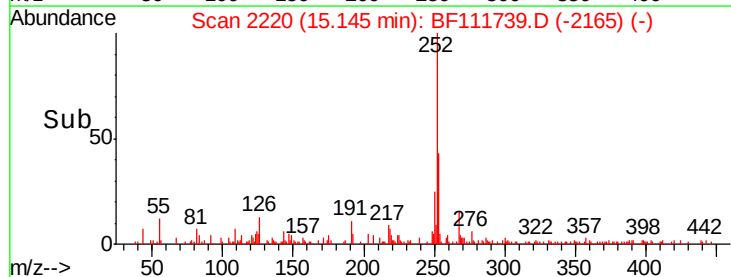
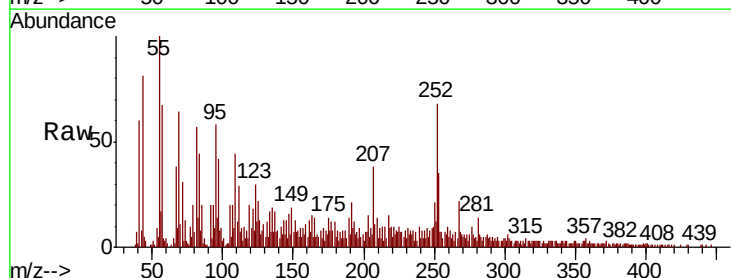
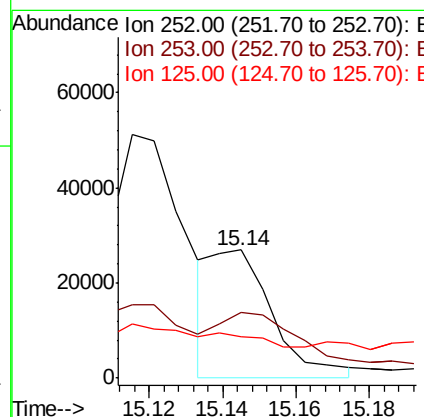
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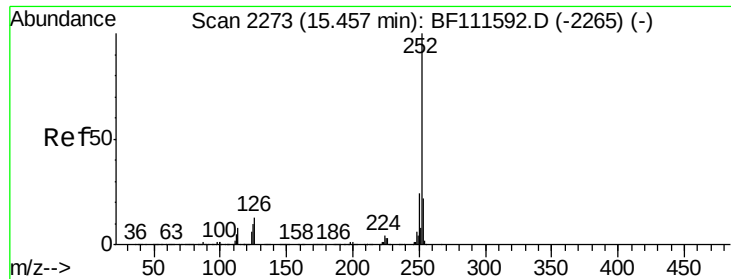
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#89
Benzo(k)fluoranthene
Concen: 2.305 ng m
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.1	18.1	27.1#
125	32.5	9.8	14.8#





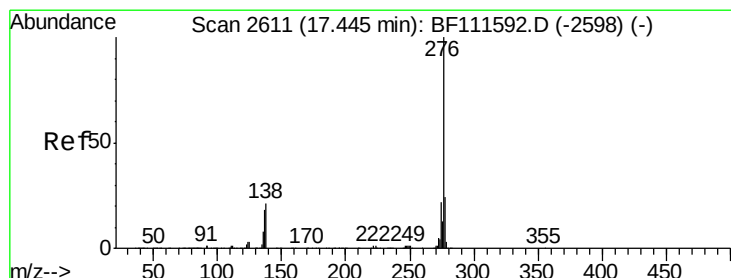
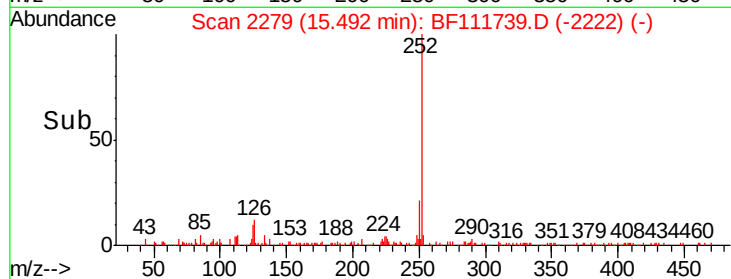
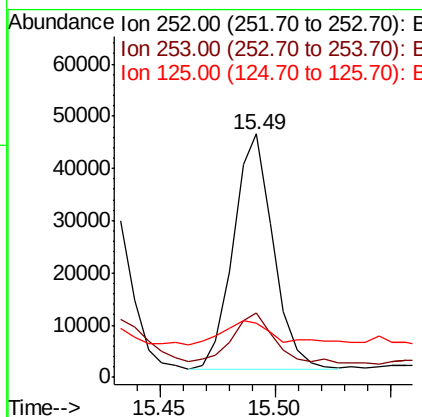
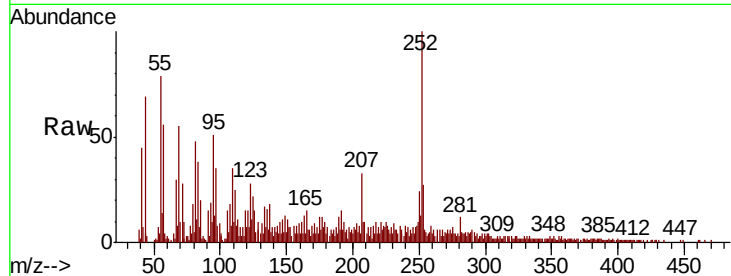
#90
Benzo(a)pyrene
Concen: 4.264 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Instrument :
BNA_F
ClientSampleId :
COMP-1B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	17.8	26.8
125	22.2	12.3	18.5

Manual Integrations
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12/27/2018 8:22:41 AM



#92
Benzo(g,h,i)perylene
Concen: 2.711 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.07 min
Lab File: BF111739.D
Acq: 27 Dec 2018 2:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	35.8	19.2	28.8
138	29.0	24.9	37.3

