

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111738.D
 Acq On : 27 Dec 2018 2:29
 Operator : JU/SJ
 Sample : J6547-02 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1A

Manual Integrations
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Sohil
 12/27/2018 8:22:39 AM

Quant Time: Dec 27 04:22:34 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	143707	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	489745	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	214516	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	422512	20.00	ng	0.01
76) Chrysene-d12	14.07	240	324060	20.00	ng	0.02
87) Perylene-d12	15.56	264	245620	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	427295	50.68	ng	0.02
7) Phenol-d6	6.54	99	508062	47.35	ng	0.02
23) Nitrobenzene-d5	7.46	82	301636	35.85	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	130189	51.36	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	530058	36.02	ng	0.00
79) Terphenyl-d14	13.01	244	573109	33.54	ng	0.01
Target Compounds						
10) Phenol	6.55	94	27044	2.234	ng	91
50) Dimethylphthalate	9.65	163	68129	4.343	ng	97
71) Phenanthrene	11.45	178	126650	5.652	ng	93
75) Fluoranthene	12.64	202	214359	9.447	ng	94
78) Pyrene	12.87	202	194430	8.496	ng	97
81) Benzo(a)anthracene	14.06	228	80140	4.333	ng	97
83) Chrysene	14.09	228	66103	3.637	ng	96
88) Benzo(b)fluoranthene	15.12	252	76720m	5.344	ng	
89) Benzo(k)fluoranthene	15.14	252	27749m	2.030	ng	
90) Benzo(a)pyrene	15.49	252	52255	4.007	ng	# 87
92) Benzo(g,h,i)perylene	17.51	276	30706	2.754	ng	97

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

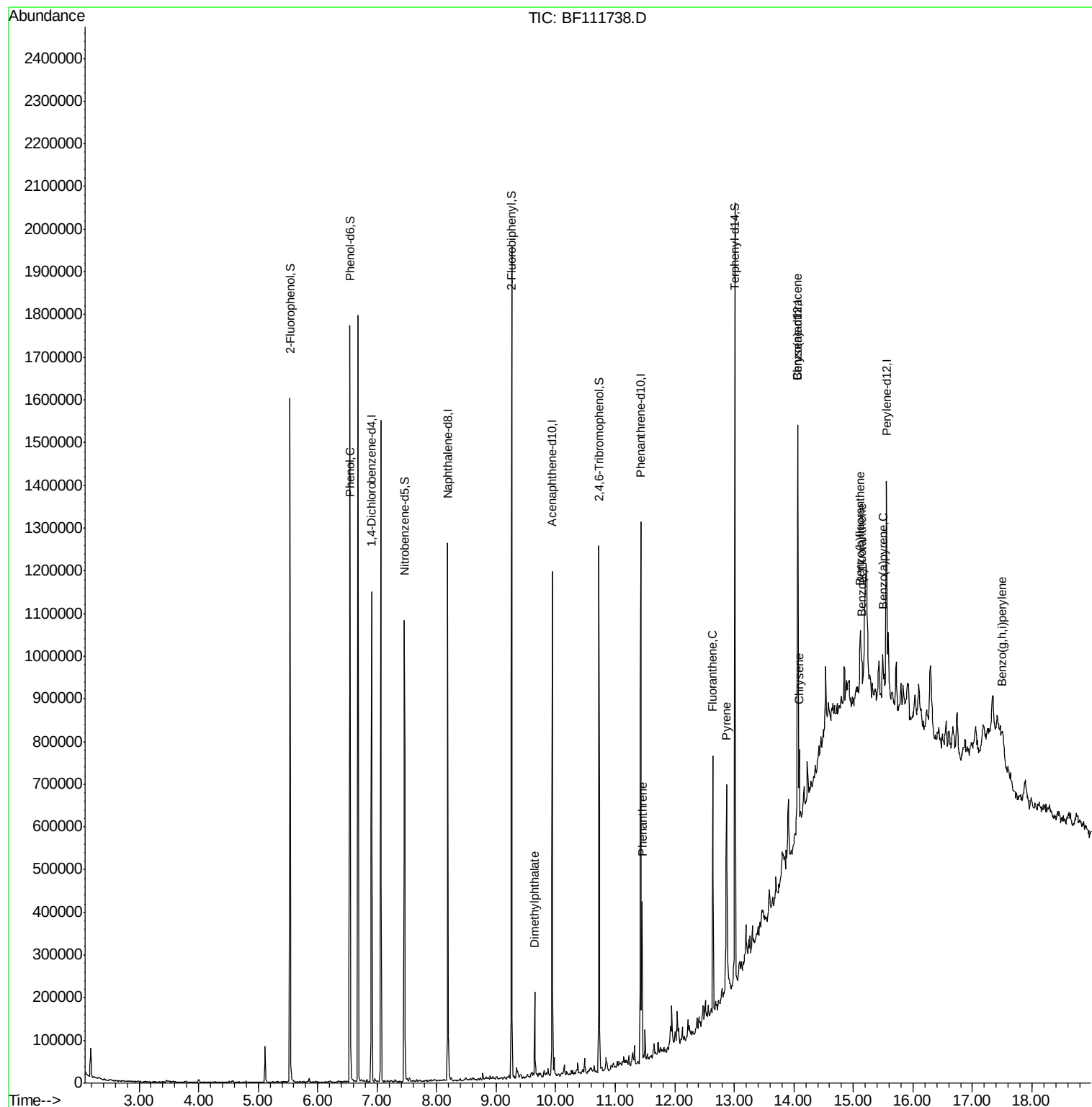
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111738.D
Acq On : 27 Dec 2018 2:29
Operator : JU/SJ
Sample : J6547-02 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

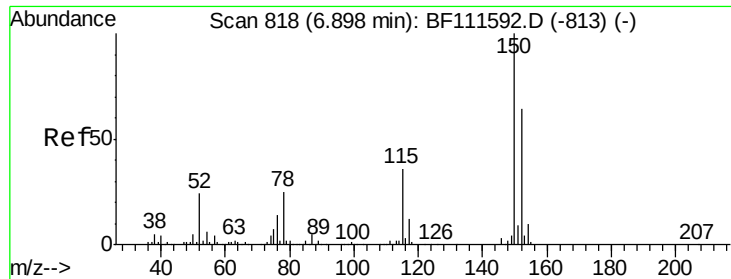
Instrument :
BNA_F
ClientSampleId :
COMP-1A

Quant Time: Dec 27 04:22:34 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
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#1

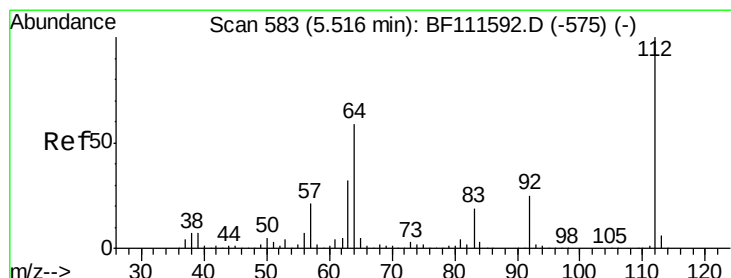
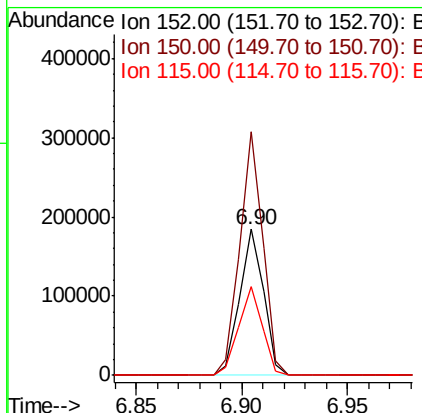
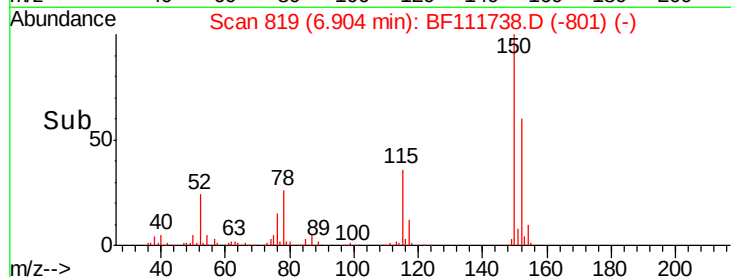
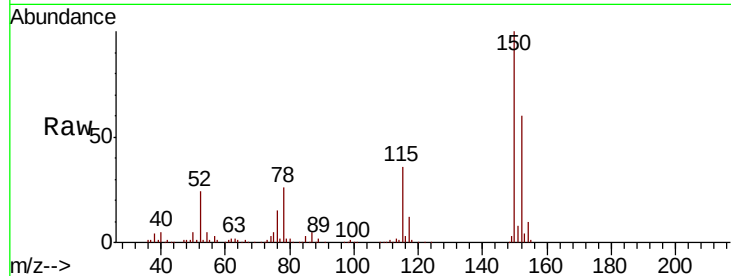
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	126.6	189.8
115	60.5	50.7	76.1

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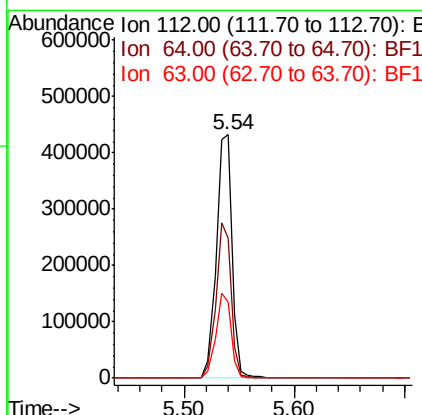
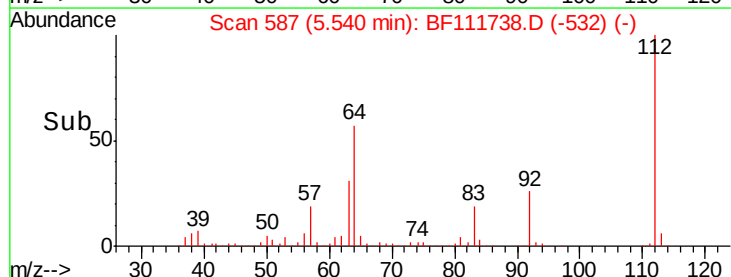
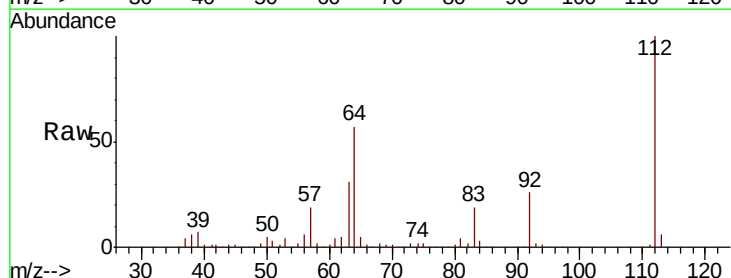
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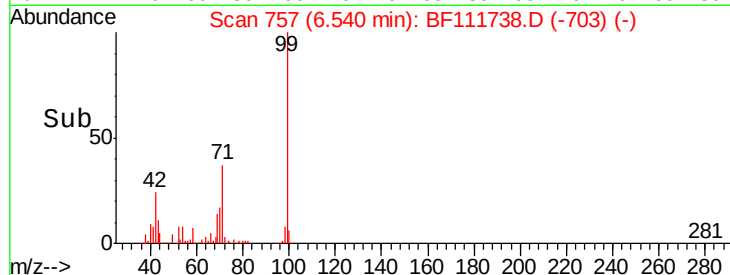
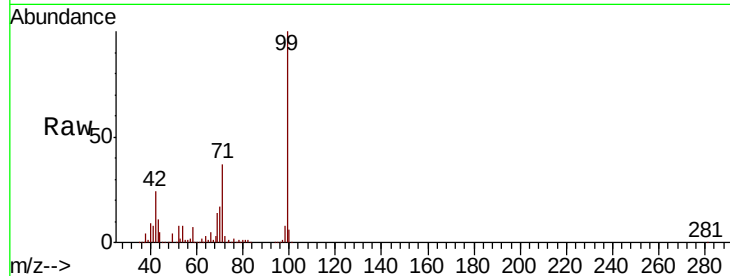
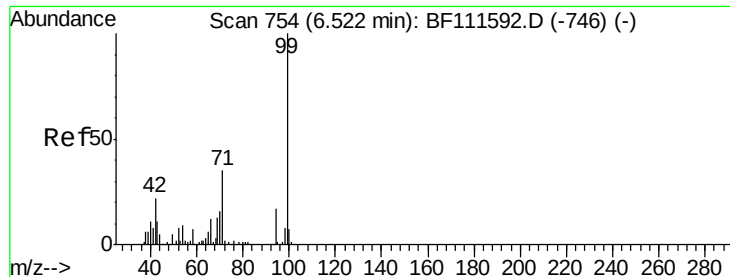


#5

2-Fluorophenol
Concen: 50.682 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	51.8	77.6
63	31.3	26.8	40.2





#7

Phenol-d6

Concen: 47.352 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111738.D

Acq: 27 Dec 2018 2:29

Tot Ion:	99	Resp:	508062
Ion Ratio	Lower	Upper	
99	100		
42	23.6	17.4	26.0
71	36.9	26.1	39.1

Instrument :

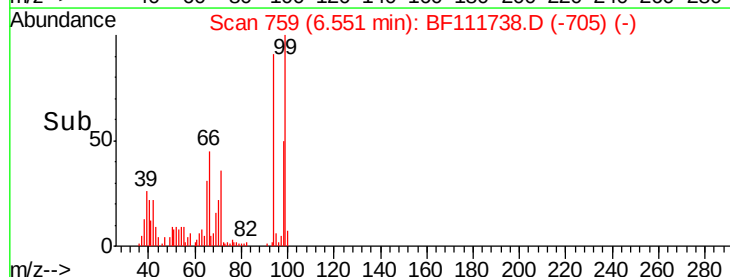
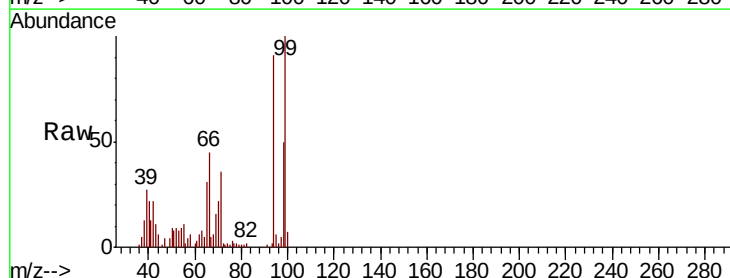
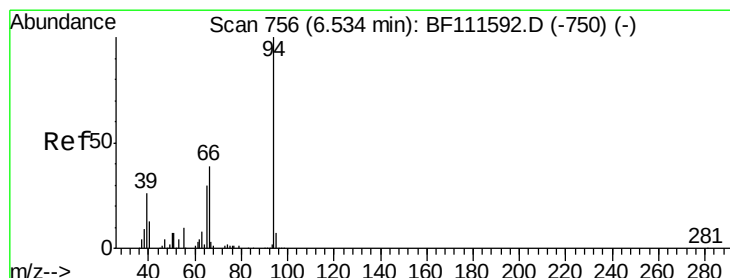
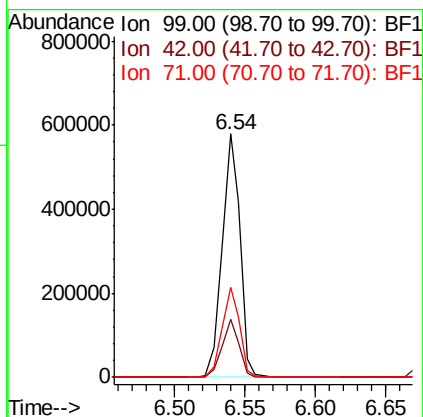
BNA_F

ClientSampleId :

COMP-1A

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#10

Phenol

Concen: 2.234 ng

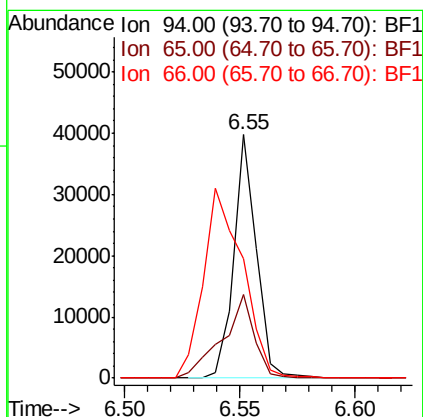
RT: 6.55 min Scan# 759

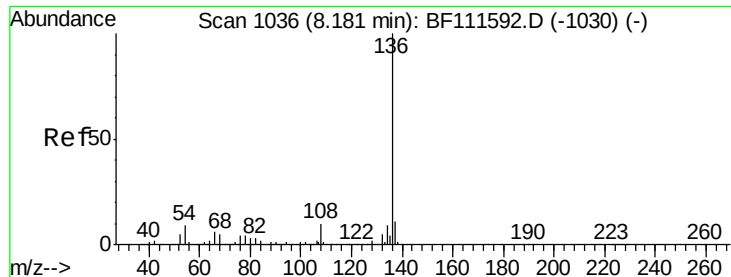
Delta R.T. 0.02 min

Lab File: BF111738.D

Acq: 27 Dec 2018 2:29

Tgt Ion:	94	Resp:	27044
Ion Ratio	Lower	Upper	
94	100		
65	34.3	11.7	51.7
66	49.0	21.0	61.0





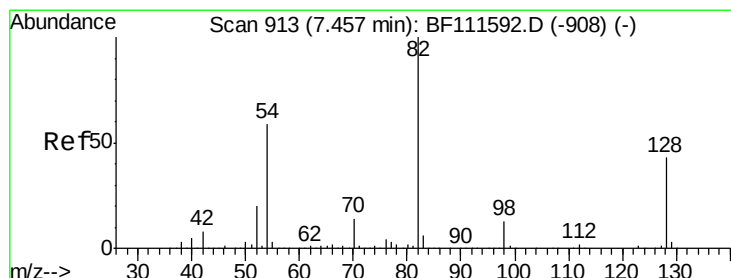
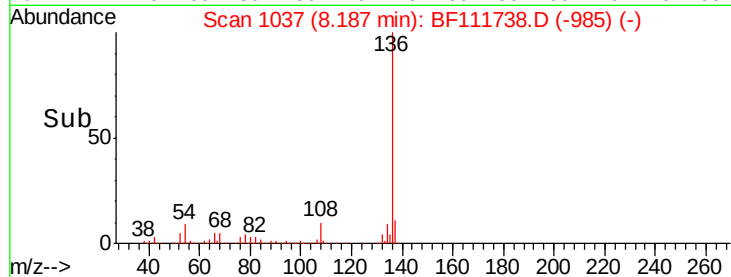
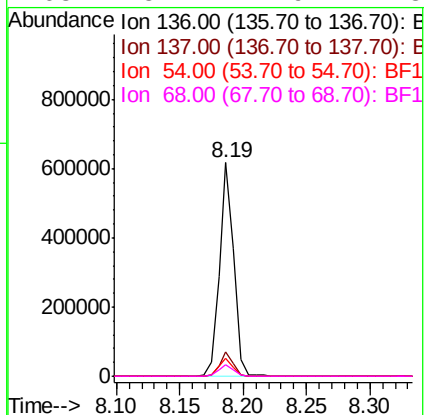
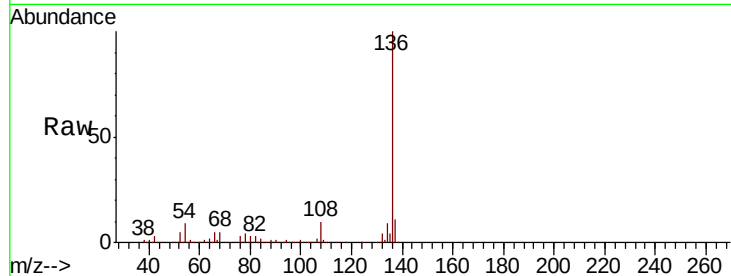
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		489745		
137	11.3		9.1	13.7	
54	8.7		7.7	11.5	
68	5.1		4.9	7.3	

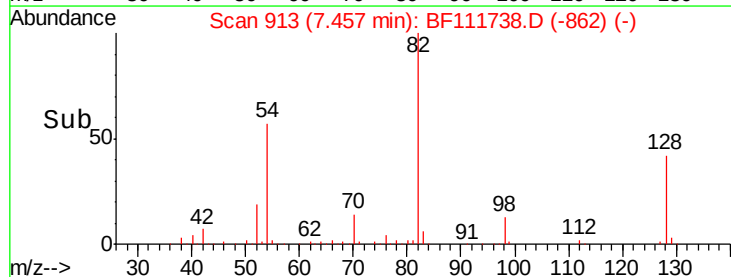
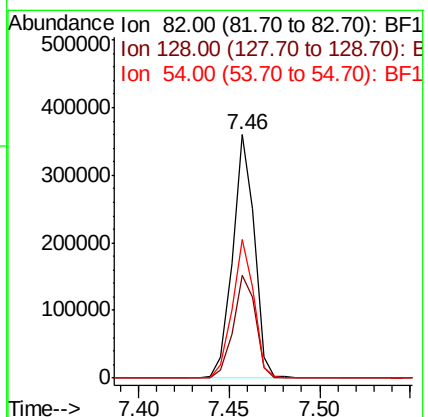
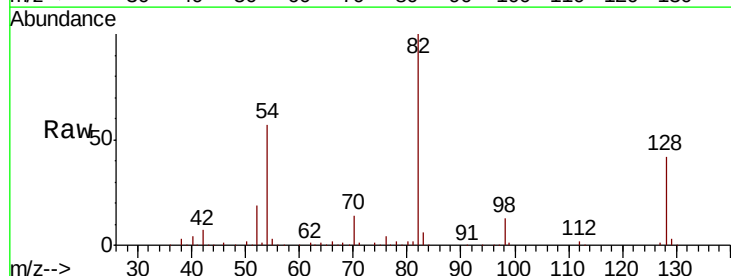
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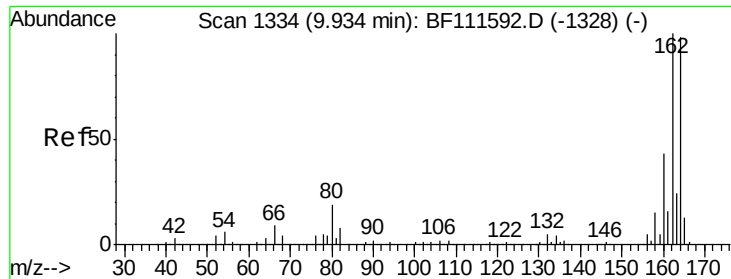
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#23
Nitrobenzene-d5
Concen: 35.850 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		301636		
128	42.5		37.4	56.2	
54	56.9		47.6	71.4	





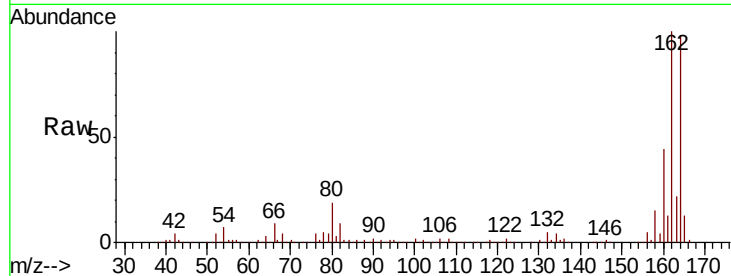
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

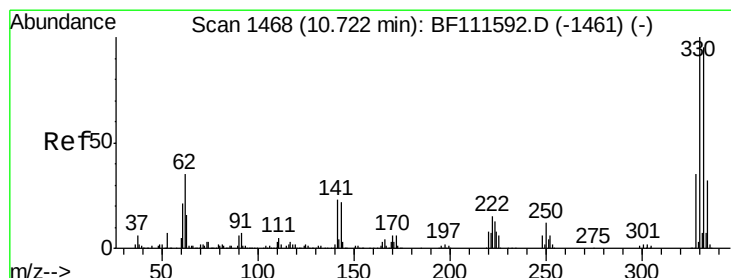
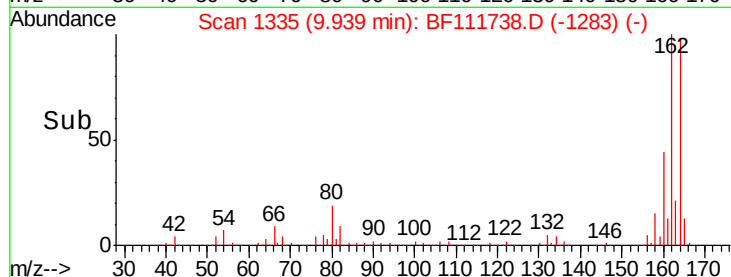
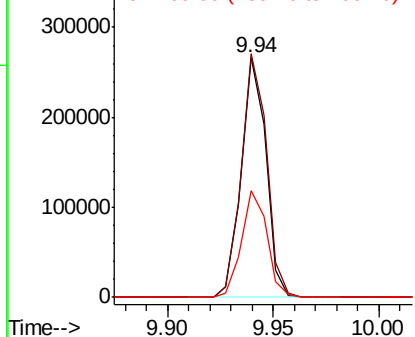
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	81.4	122.0	
160	44.5	35.7	53.5	

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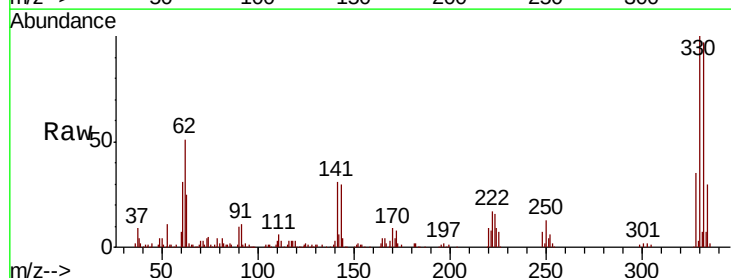


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

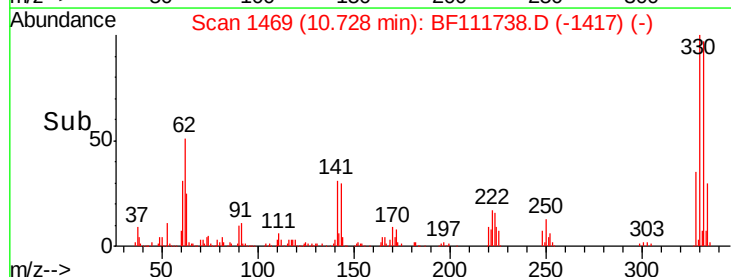
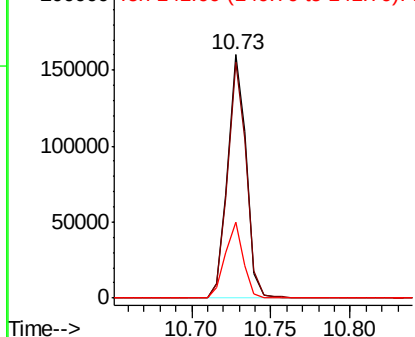


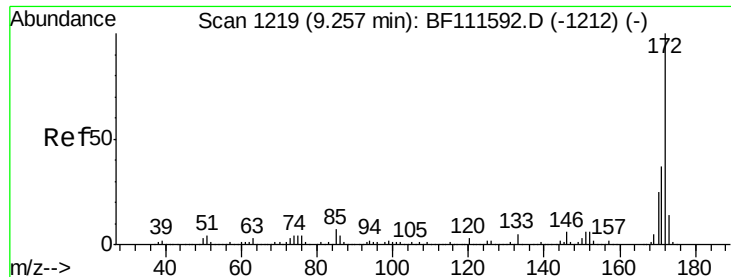
#42
2,4,6-Tribromophenol
Concen: 51.363 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.0	114.0	
141	30.8	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





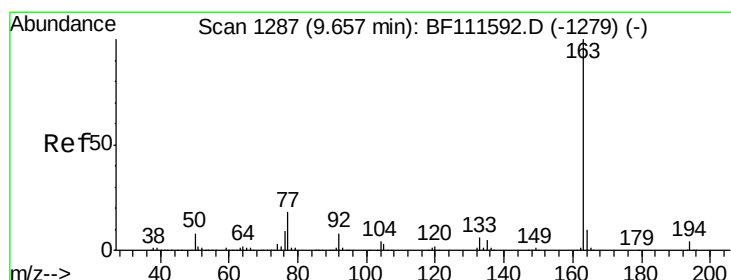
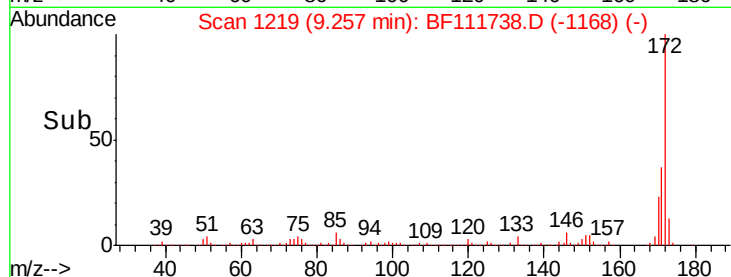
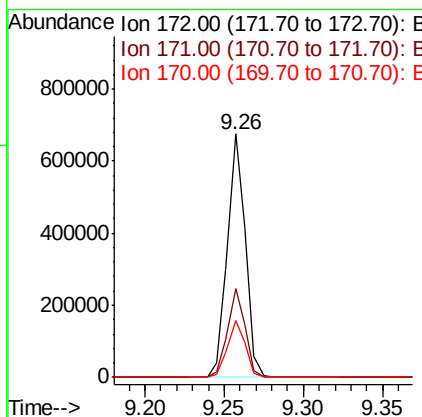
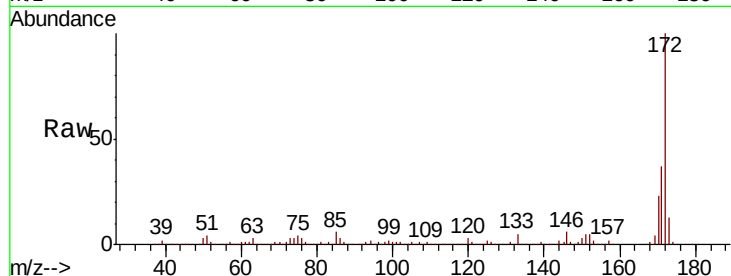
#45
2-Fluorobiphenyl
Concen: 36.016 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	33.0	49.4
170	23.1	22.3	33.5

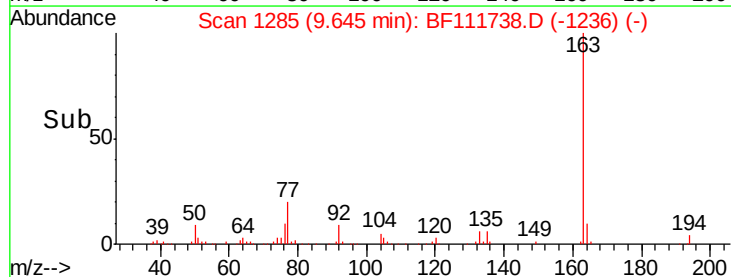
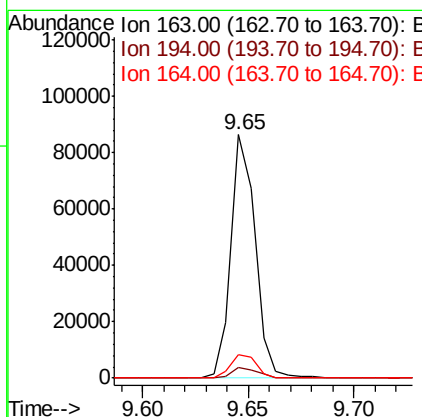
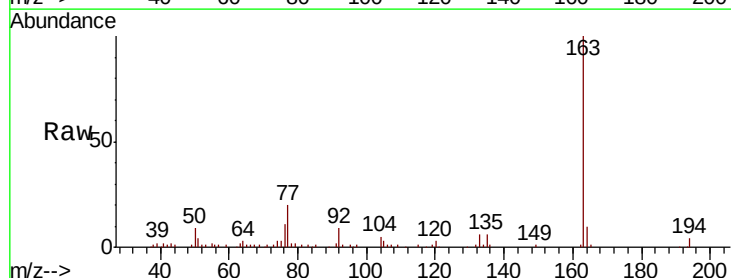
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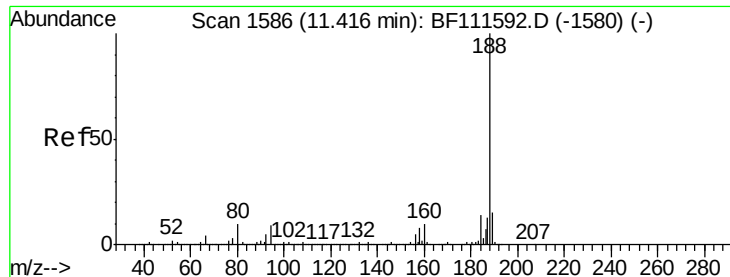
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#50
Dimethylphthalate
Concen: 4.343 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.6	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: BF111738.D

Acq: 27 Dec 2018 2:29

Instrument :

BNA_F

ClientSampleId :

COMP-1A

Tot Ion:188 Resp: 422512

Ion Ratio Lower Upper

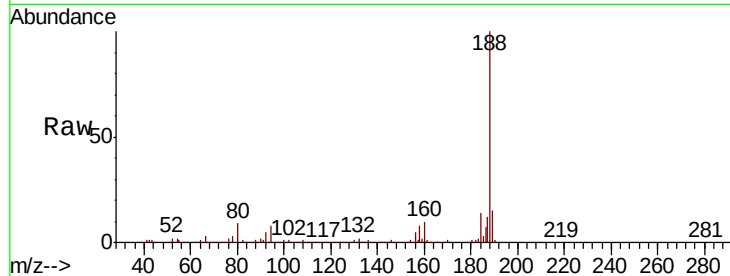
188 100

94 8.0 9.6 14.4#

80 8.7 9.8 14.6#

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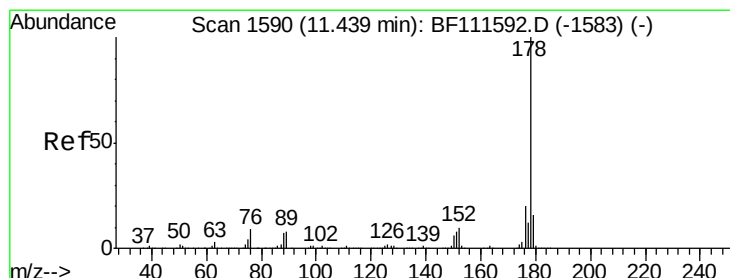
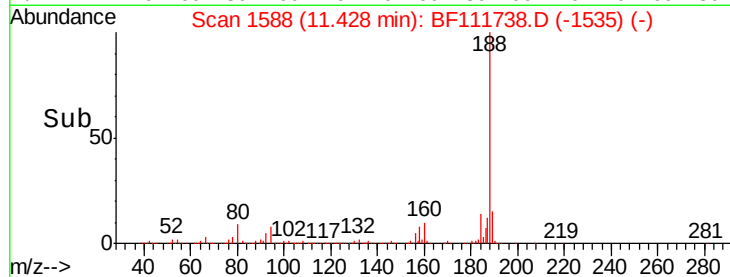
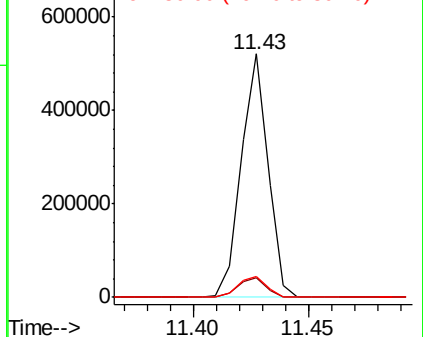
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#71

Phenanthrene

Concen: 5.652 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF111738.D

Acq: 27 Dec 2018 2:29

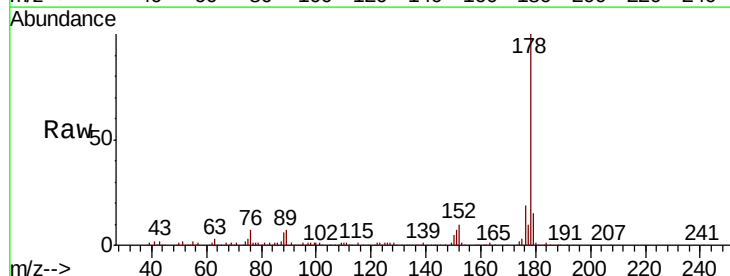
Tgt Ion:178 Resp: 126650

Ion Ratio Lower Upper

178 100

176 18.7 18.1 27.1

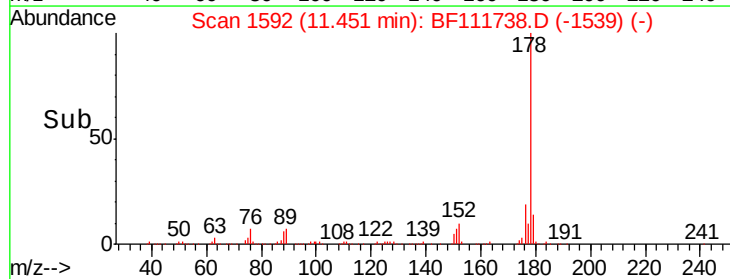
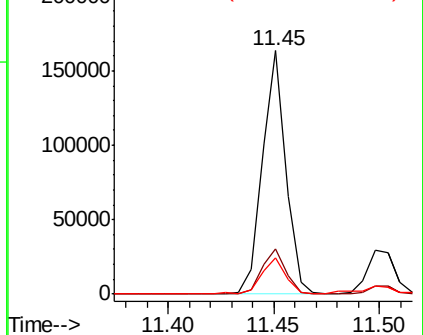
179 14.8 14.0 21.0

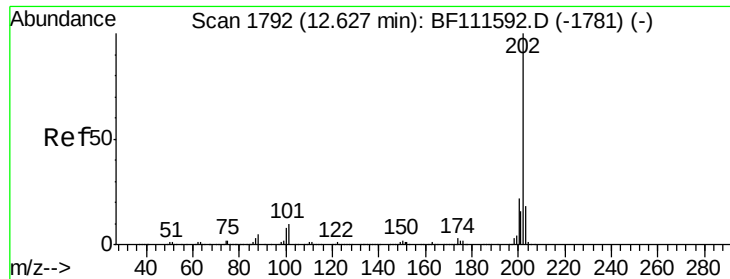


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 9.447 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111738.D

Acq: 27 Dec 2018 2:29

Instrument :

BNA_F

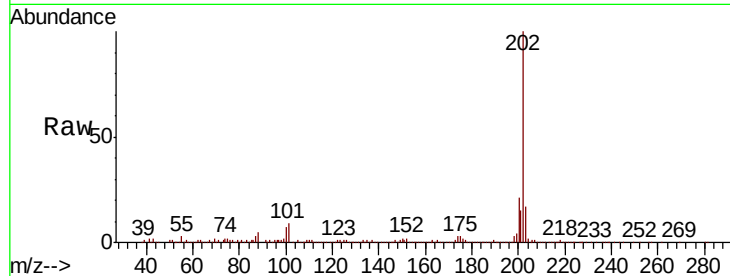
ClientSampleId :

COMP-1A

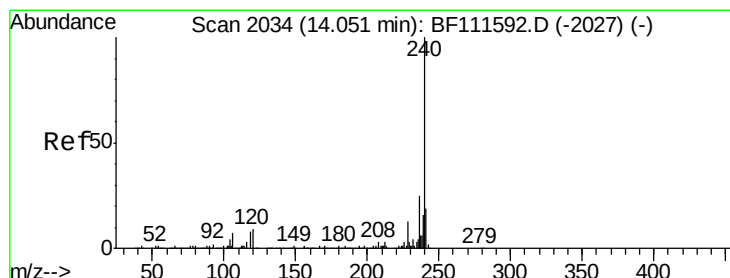
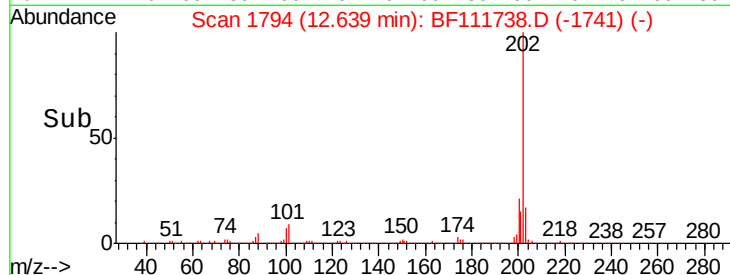
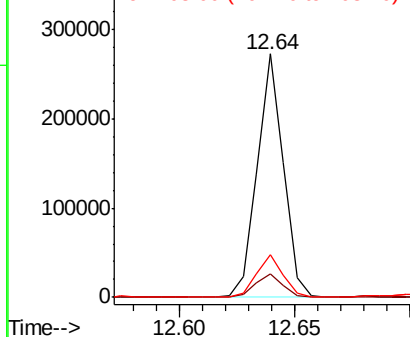
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		214359		
101	9.4	0.0	33.8		
203	17.3	0.0	38.6		

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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

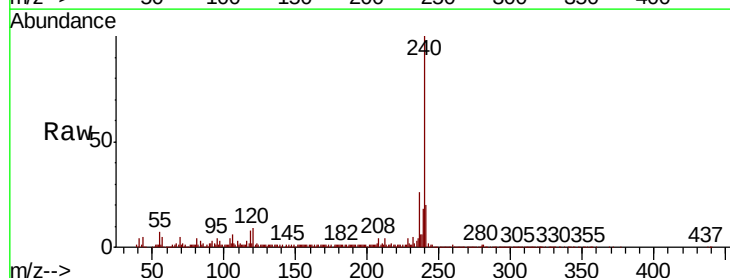
RT: 14.07 min Scan# 2037

Delta R.T. 0.02 min

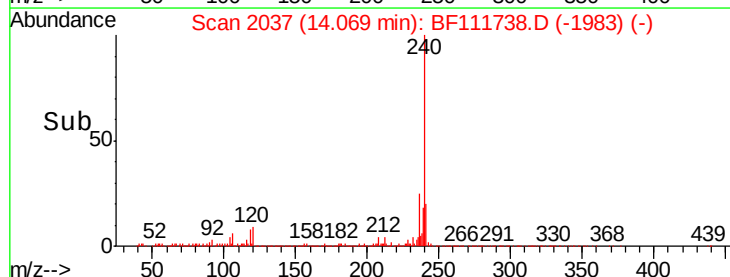
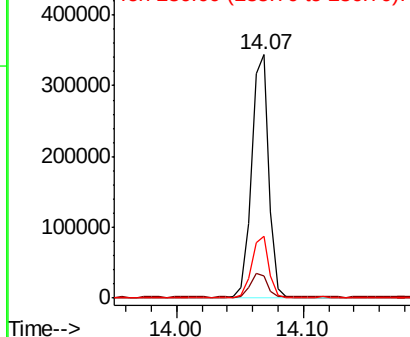
Lab File: BF111738.D

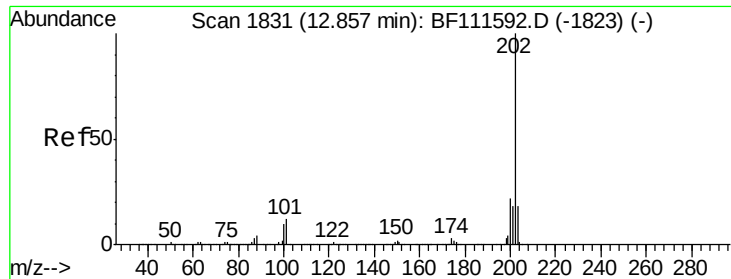
Acq: 27 Dec 2018 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		324060		
120	8.9	12.2	18.2#		
236	25.6	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





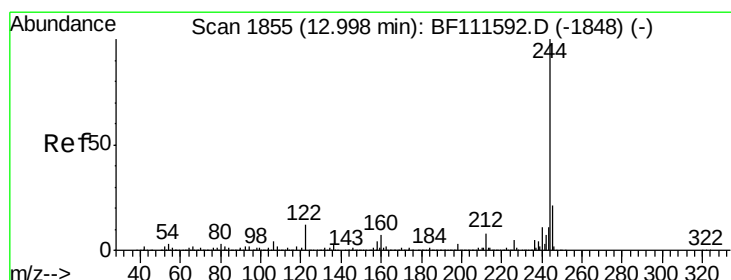
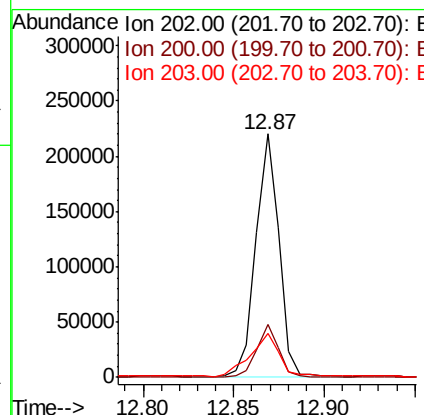
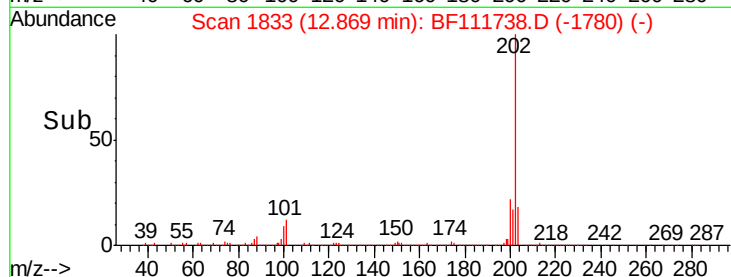
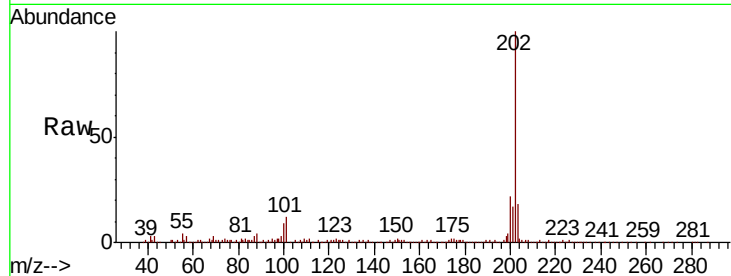
#78
Pvrene
Concen: 8.496 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampled :
COMP-1A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	19.0	28.4
203	17.9	15.2	22.8

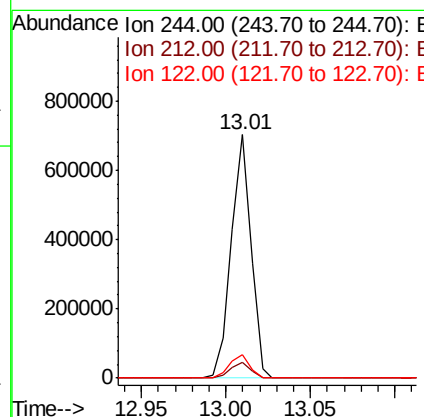
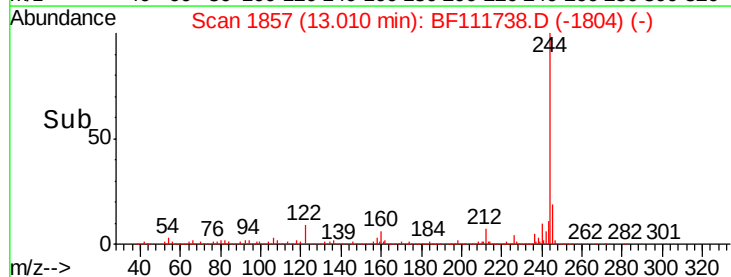
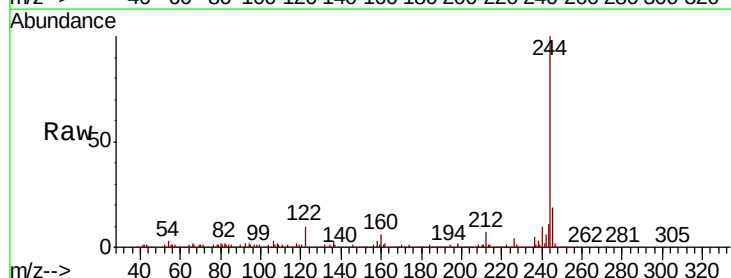
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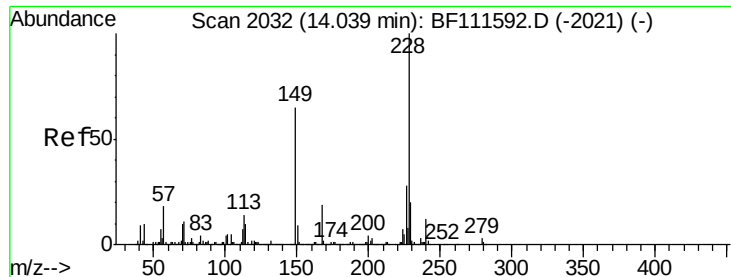
Sohil
12/27/2018 8:22:39 AM



#79
Terphenyl-d14
Concen: 33.539 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.6	13.1	19.7#





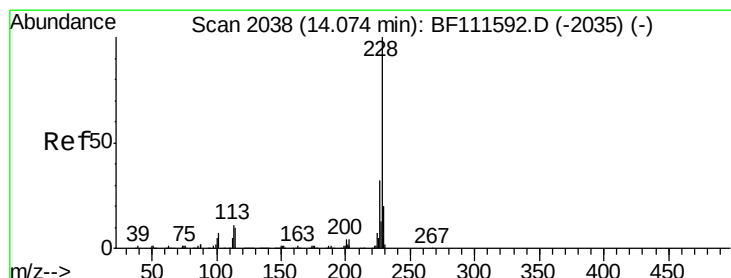
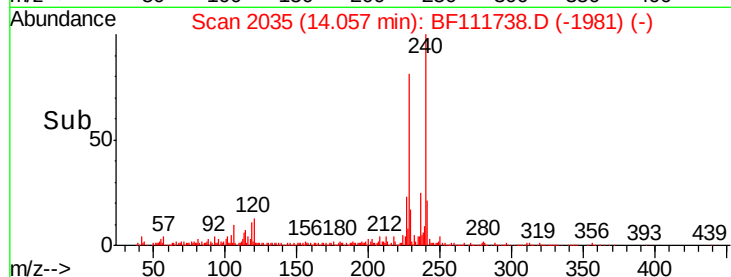
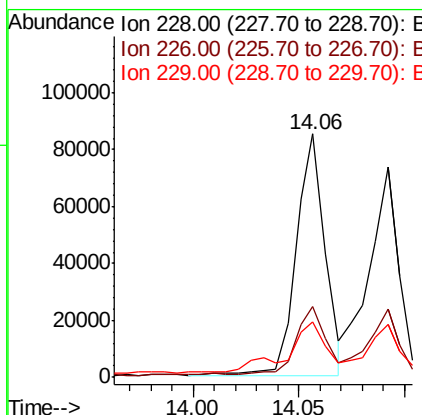
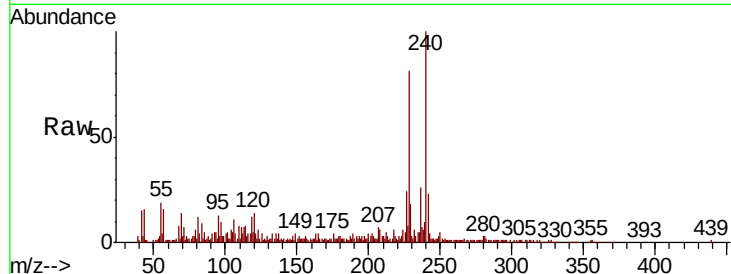
#81
Benzo(a)anthracene
Concen: 4.333 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampled :
COMP-1A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	22.7	16.3	24.5

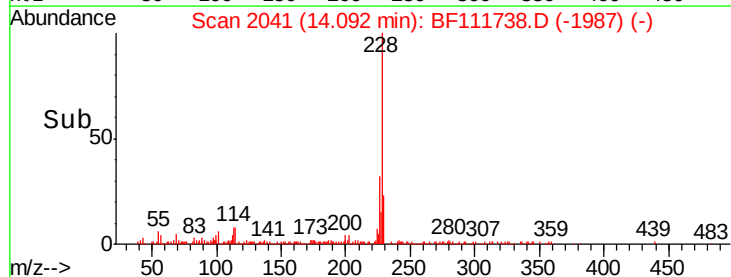
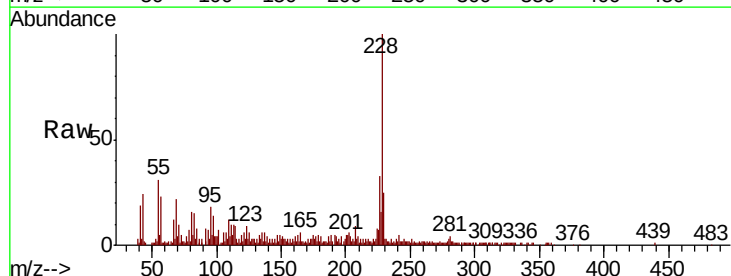
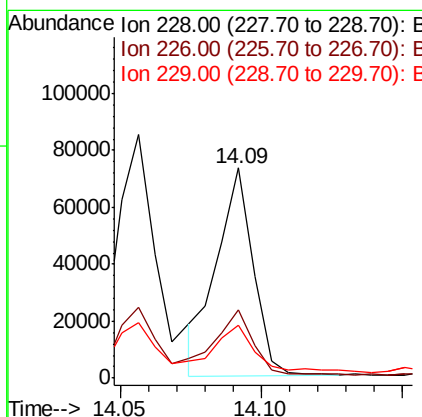
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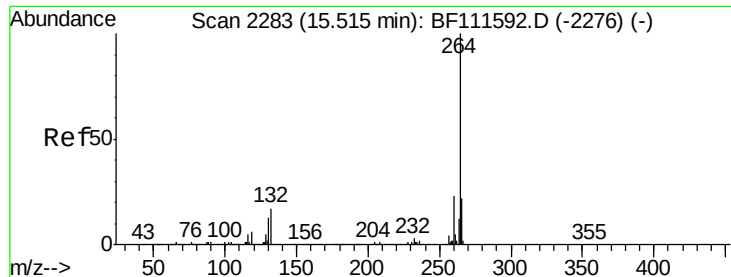
Sohil
12/27/2018 8:22:39 AM



#83
Chrysene
Concen: 3.637 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.3	37.9
229	24.9	17.2	25.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111738.D

Acq: 27 Dec 2018 2:29

Instrument :

BNA_F

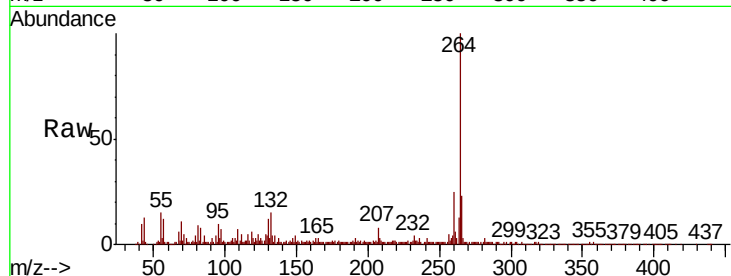
ClientSampled :

COMP-1A

Tot Ion:	264	Resp:	245620
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.3	27.5
265	23.4	17.7	26.5

Manual Integrations
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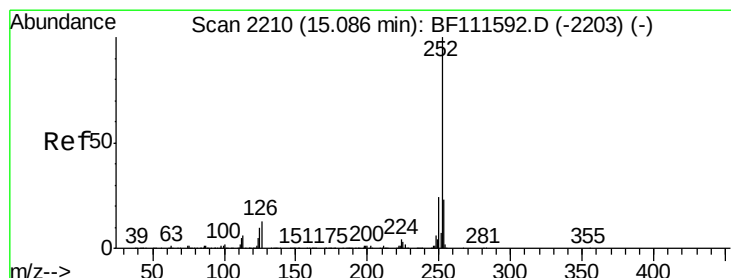
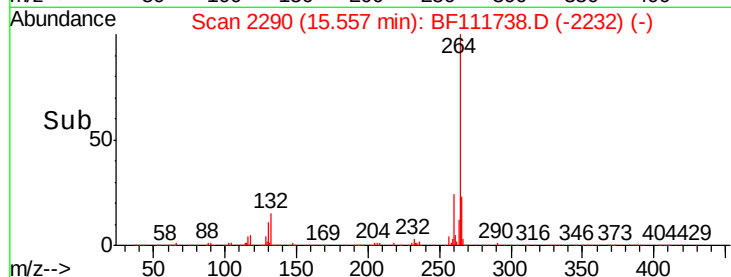
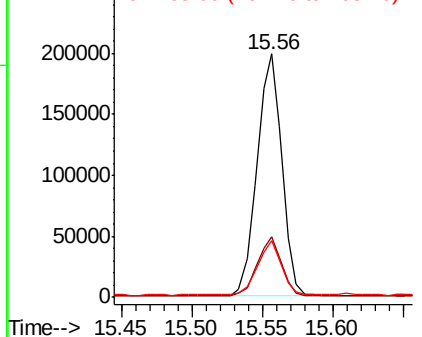


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 5.344 ng m

RT: 15.12 min Scan# 2215

Delta R.T. 0.03 min

Lab File: BF111738.D

Acq: 27 Dec 2018 2:29

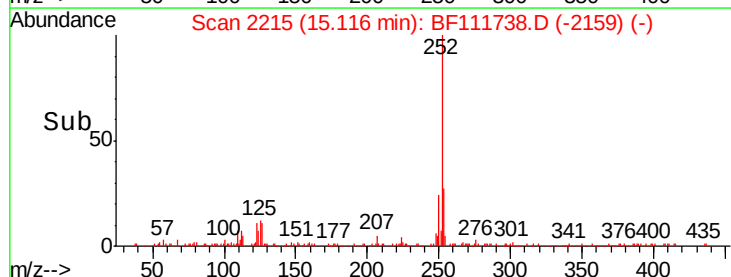
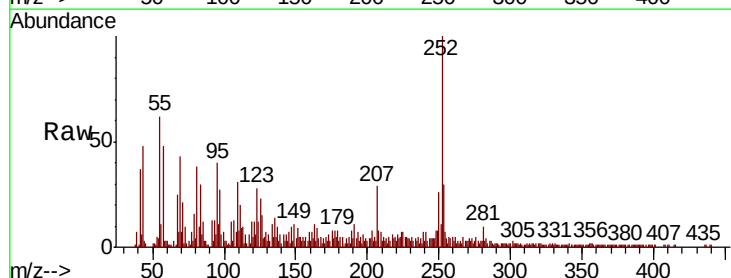
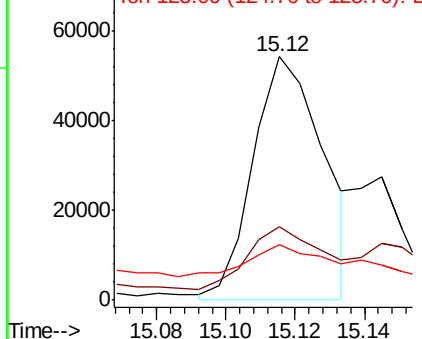
Tgt Ion:	252	Resp:	76720
Ion Ratio	Lower	Upper	
252	100		
253	30.1	18.2	27.2#
125	22.5	10.4	15.6#

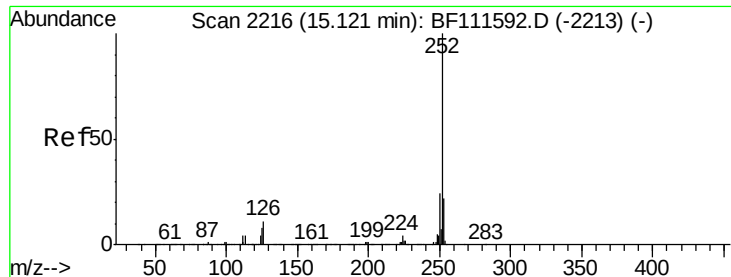
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





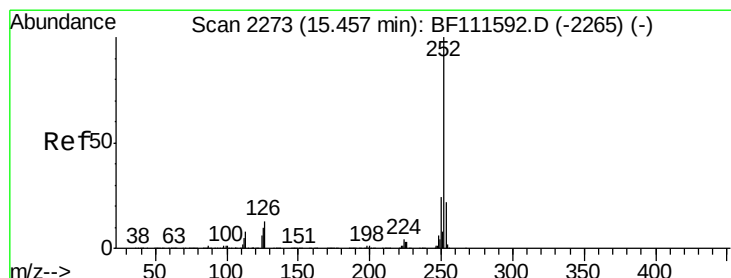
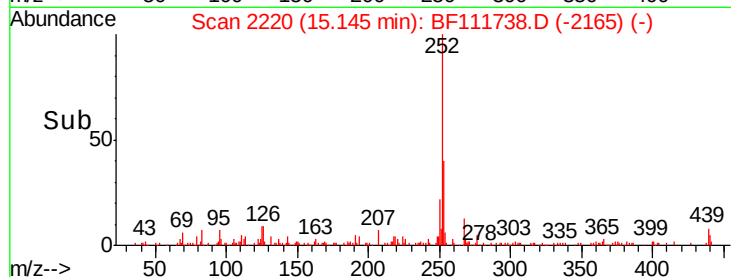
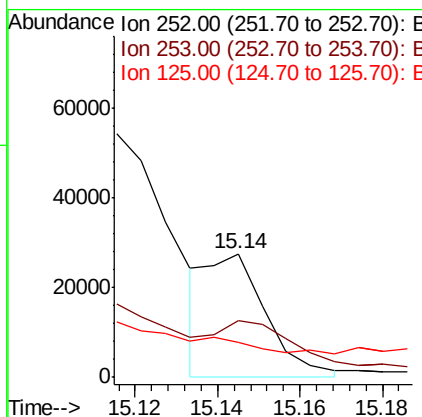
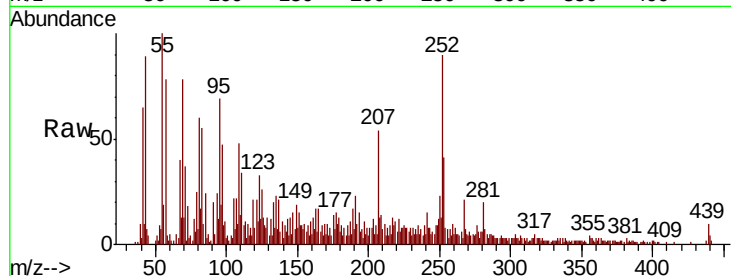
#89
Benzo(k)fluoranthene
Concen: 2.030 ng m
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Instrument :
BNA_F
ClientSampleId :
COMP-1A

Tot Ion	Ratio	Lower	Upper
252	100		
253	46.0	18.1	27.1#
125	28.8	9.8	14.8#

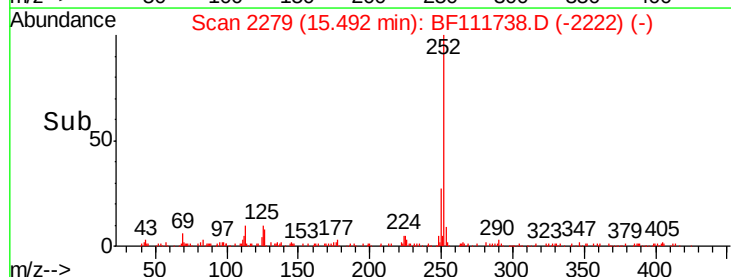
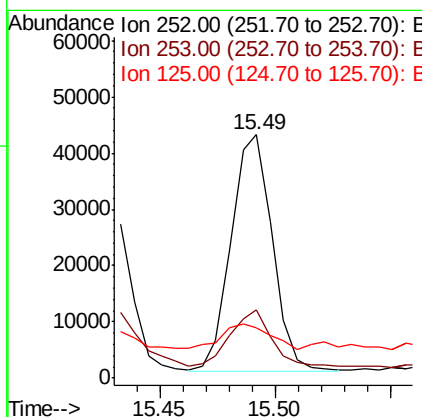
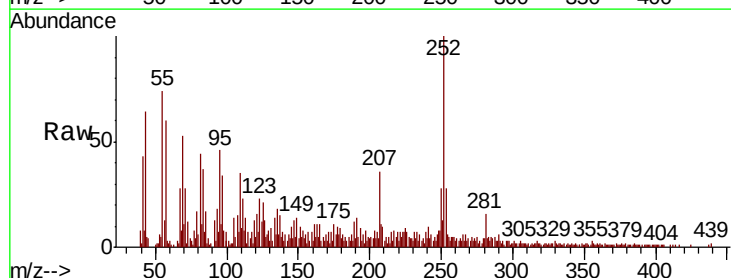
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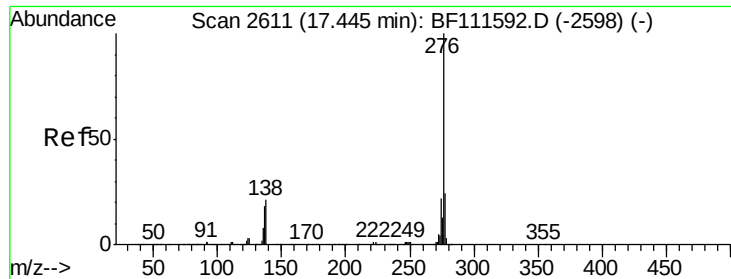
Sohil
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#90
Benzo(a)pyrene
Concen: 4.007 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.04 min
Lab File: BF111738.D
Acq: 27 Dec 2018 2:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.8	26.8#
125	20.8	12.3	18.5#





#92
 Benzo(a,h,i)perylene
 Concen: 2.754 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.06 min
 Lab File: BF111738.D
 Acq: 27 Dec 2018 2:29

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1A

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.2	19.2	28.8
138	31.2	24.9	37.3

Manual Integrations
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Sohil
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