

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111611.D
 Acq On : 20 Dec 2018 00:57
 Operator : JU/SJ
 Sample : J6196-11 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-121818-C

Manual Integrations
 APPROVED

Sohil
 12/20/2018 12:42:26 PM

Quant Time: Dec 20 04:31:57 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	205278	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	754330	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	344903	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	554914	20.00	ng	0.00
76) Chrysene-d12	14.04	240	509927	20.00	ng	0.00
87) Perylene-d12	15.52	264	362932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	552931	45.91	ng	0.00
7) Phenol-d6	6.51	99	719288	46.93	ng	-0.01
23) Nitrobenzene-d5	7.45	82	405462	31.29	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	156210	38.33	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	743793	31.43	ng	0.00
79) Terphenyl-d14	12.99	244	685139	25.48	ng	0.00
Target Compounds						
10) Phenol	6.52	94	59107	3.418	ng	97
31) Naphthalene	8.20	128	138554	3.823	ng	98
50) Dimethylphthalate	9.64	163	88808	3.521	ng	97
71) Phenanthrene	11.43	178	66081	2.245	ng	96
75) Fluoranthene	12.62	202	132147	4.434	ng	94
78) Pyrene	12.85	202	134558	3.737	ng	96
81) Benzo(a)anthracene	14.03	228	85573	2.941	ng	98
83) Chrysene	14.07	228	80307	2.808	ng	99
88) Benzo(b)fluoranthene	15.09	252	93720m	4.418	ng	
90) Benzo(a)pyrene	15.46	252	62274	3.232	ng	92
92) Benzo(g,h,i)perylene	17.44	276	40031	2.429	ng	# 91

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

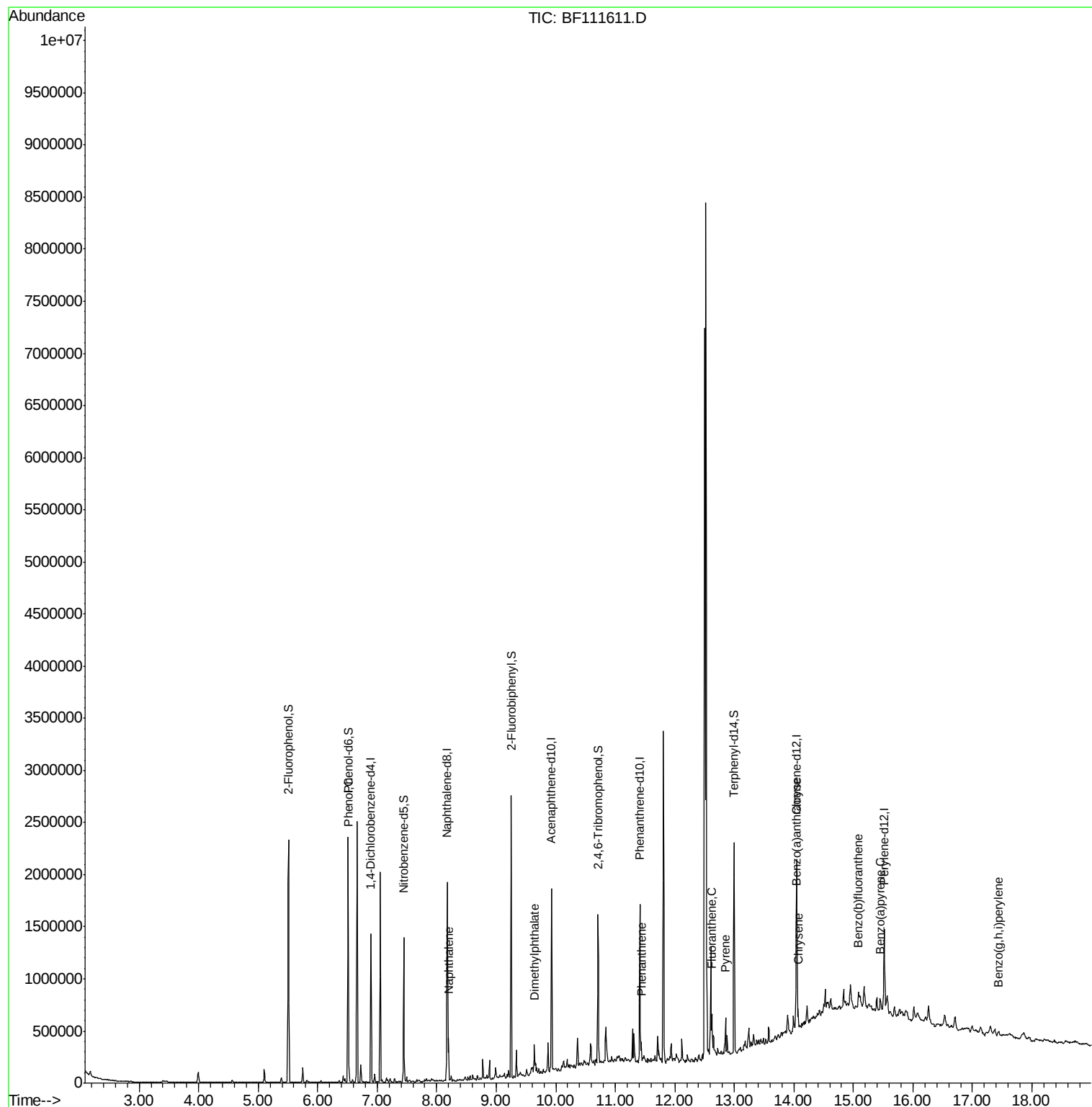
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111611.D
Acq On : 20 Dec 2018 00:57
Operator : JU/SJ
Sample : J6196-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

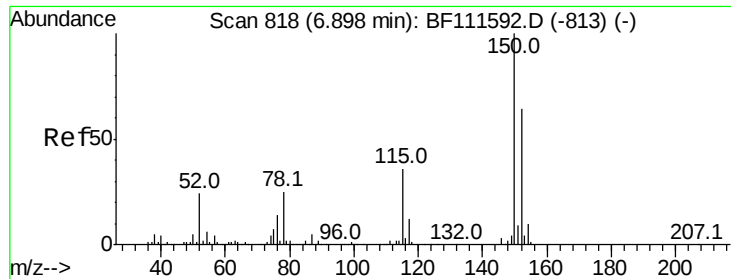
Instrument :
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EO-01-121818-C

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

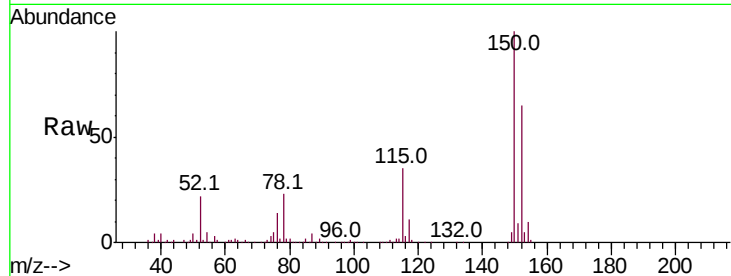
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.6	189.8
115	53.5	50.7	76.1

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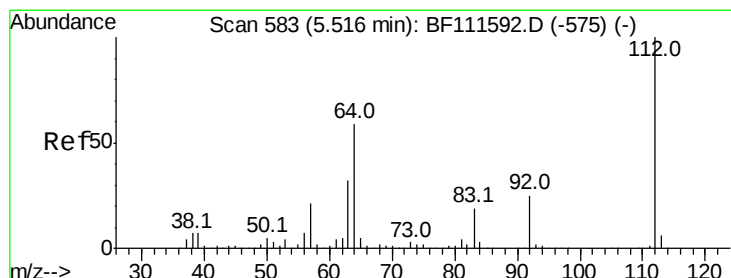
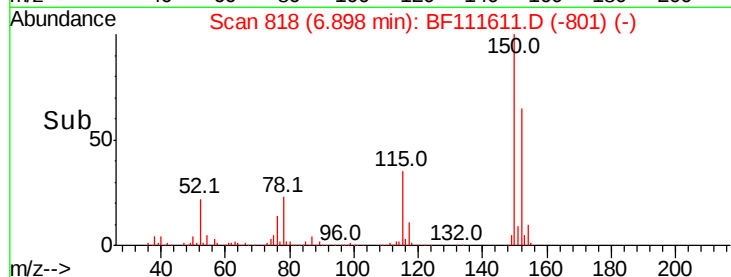
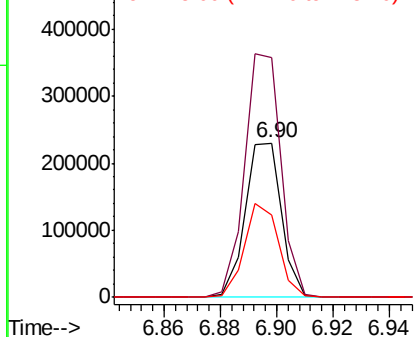


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

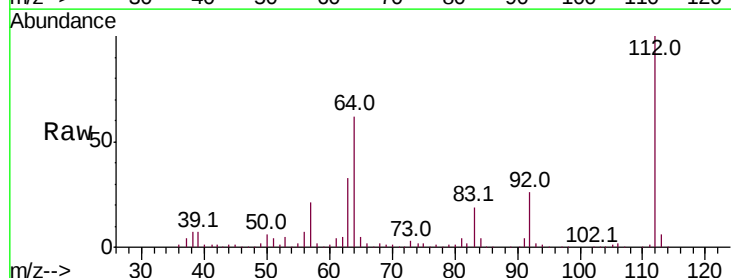
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 45.913 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	51.8	77.6
63	32.6	26.8	40.2

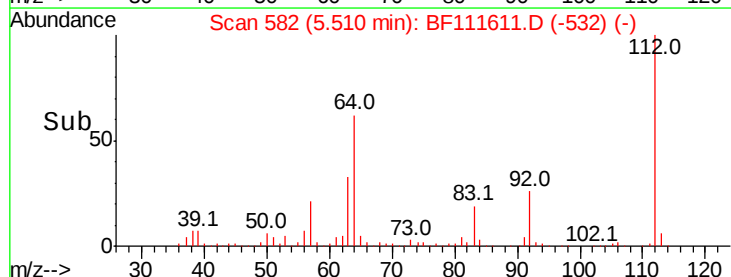
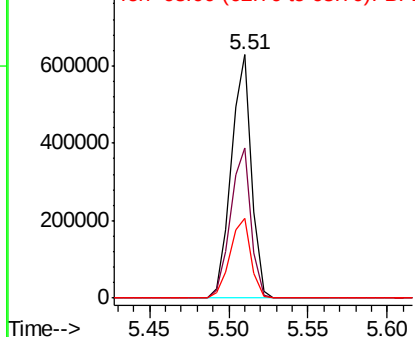


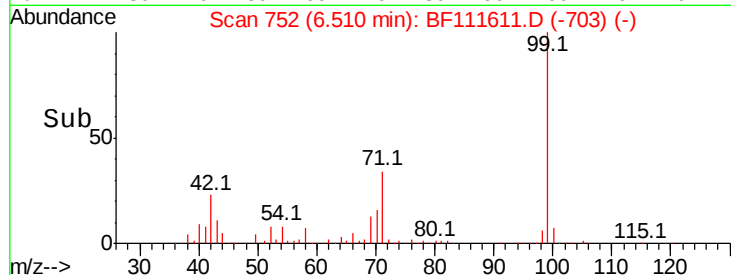
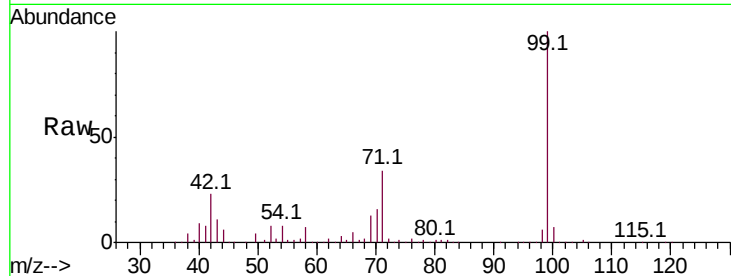
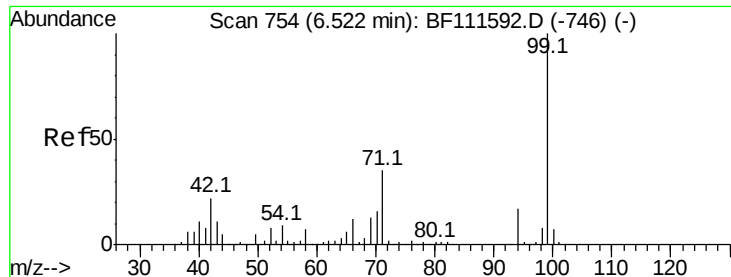
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 46.931 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111611.D

Acq: 20 Dec 2018 00:57

Tot Ion:	99	Resp:	719288
Ion Ratio	Lower	Upper	
99	100		
42	23.5	17.4	26.0
71	34.4	26.1	39.1

Instrument :

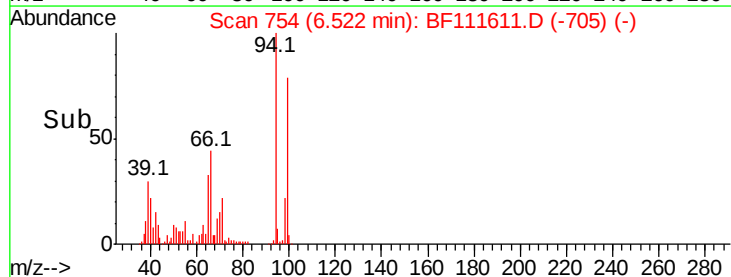
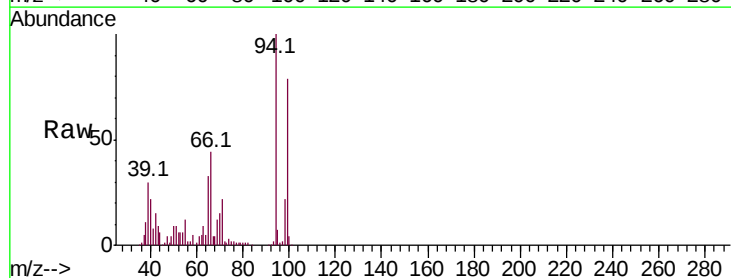
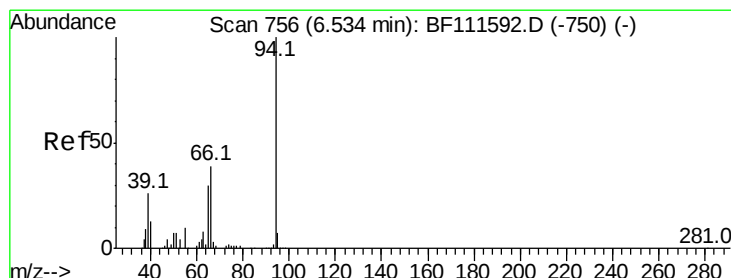
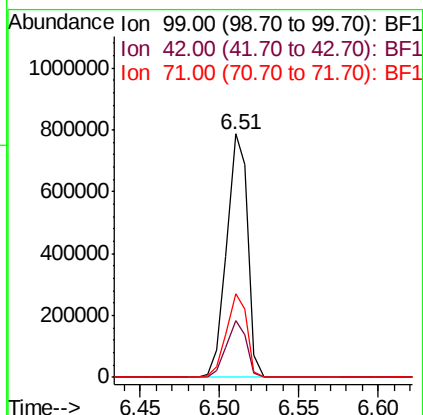
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 3.418 ng

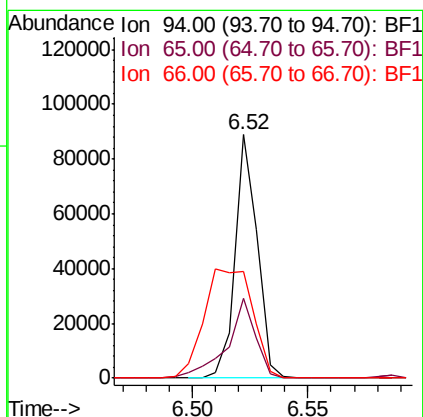
RT: 6.52 min Scan# 754

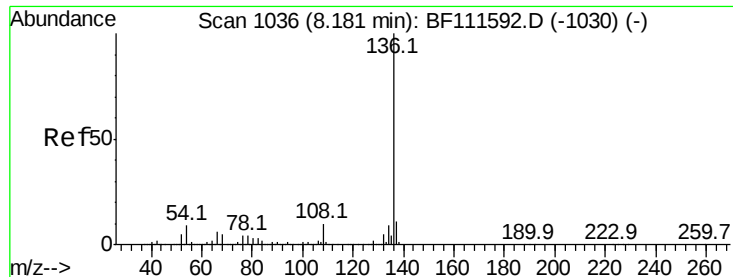
Delta R.T. -0.01 min

Lab File: BF111611.D

Acq: 20 Dec 2018 00:57

Tgt Ion:	94	Resp:	59107
Ion Ratio	Lower	Upper	
94	100		
65	32.5	11.7	51.7
66	43.9	21.0	61.0





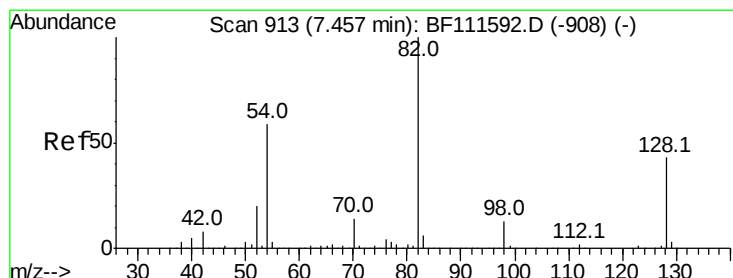
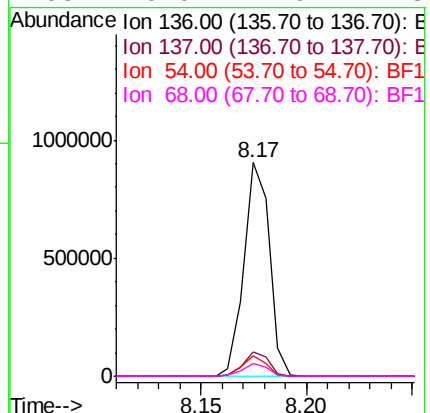
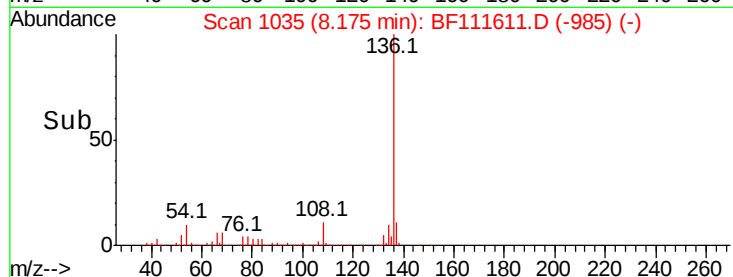
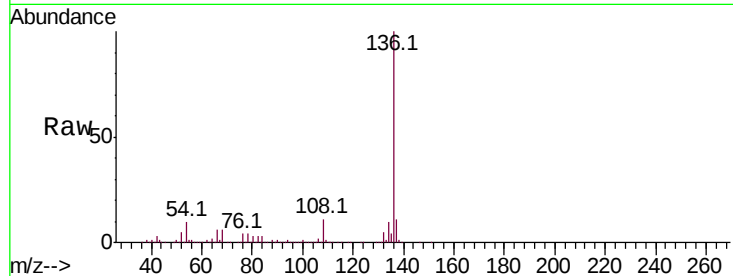
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-C

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	9.1	13.7	
54	9.9	7.7	11.5	
68	6.0	4.9	7.3	

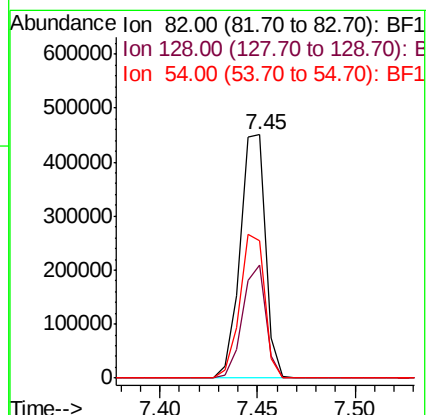
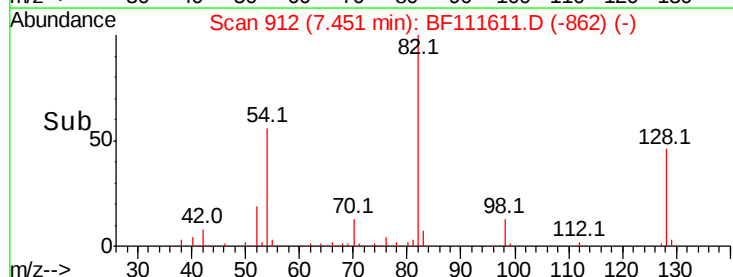
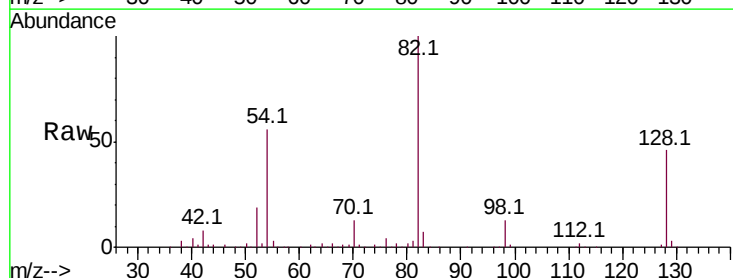
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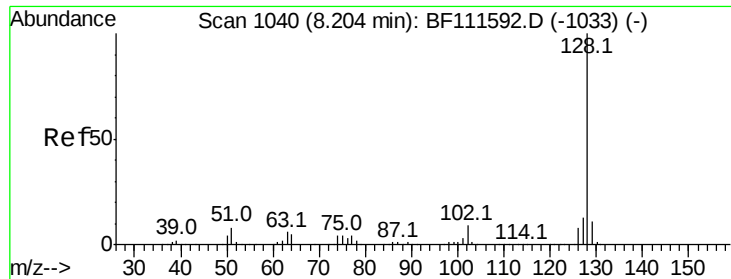
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#23
Nitrobenzene-d5
Concen: 31.287 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.3	37.4	56.2	
54	56.4	47.6	71.4	





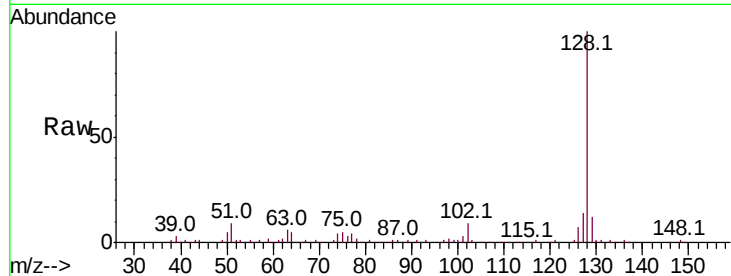
#31
Naphthalene
Concen: 3.823 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-C

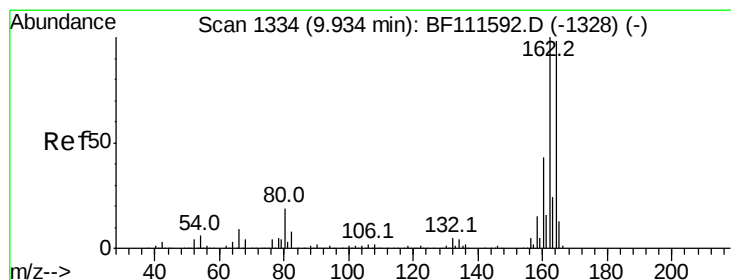
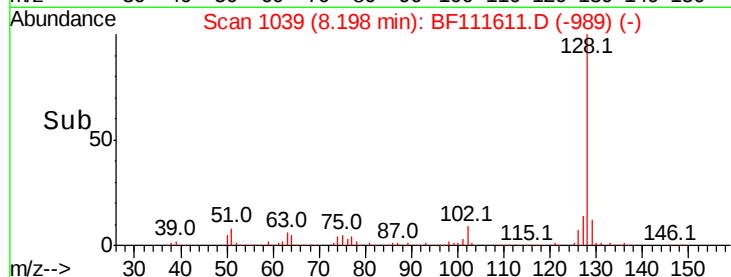
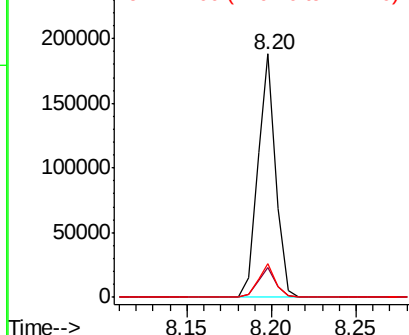
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.8	14.8
127	13.6	12.0	18.0

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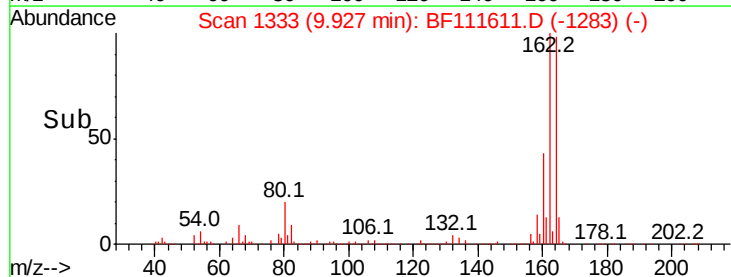
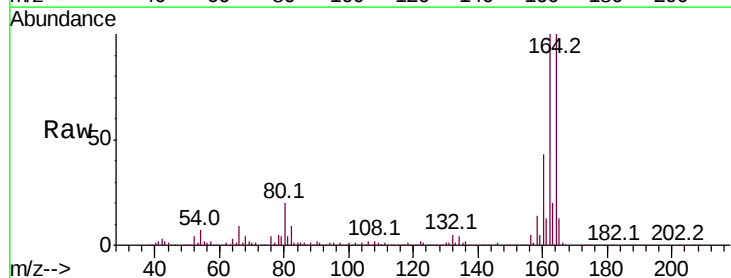
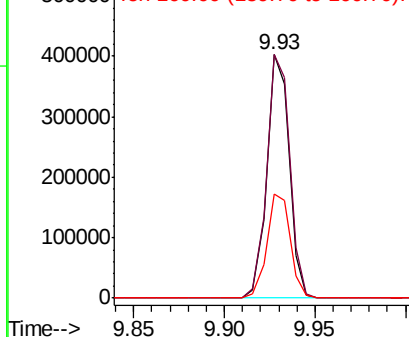
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

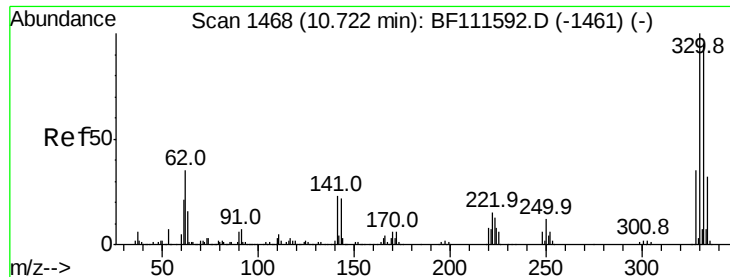


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.0
160	42.9	35.7	53.5

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: 38.331 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111611.D

Acq: 20 Dec 2018 00:57

Instrument :

BNA_F

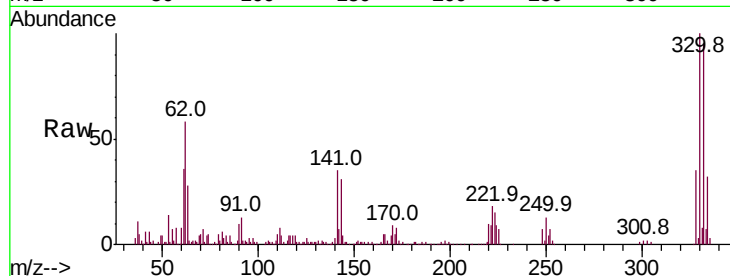
ClientSampleId :

EO-01-121818-C

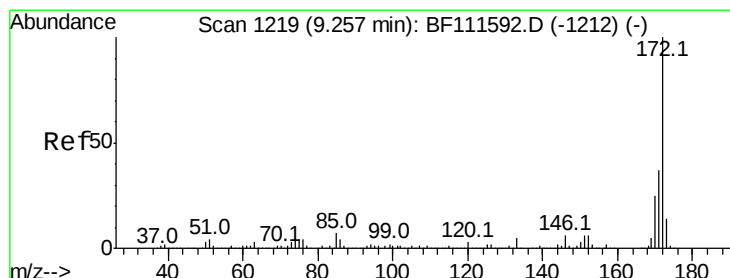
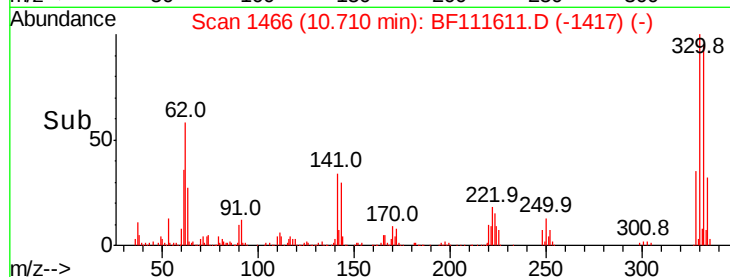
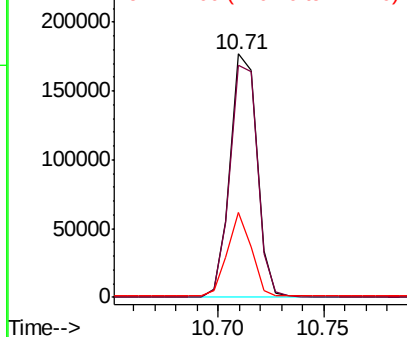
Tot Ion:	330	Resp:	156210
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.0	114.0
141	30.7	31.0	46.6#

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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



#45

2-Fluorobiphenyl

Concen: 31.433 ng

RT: 9.25 min Scan# 1218

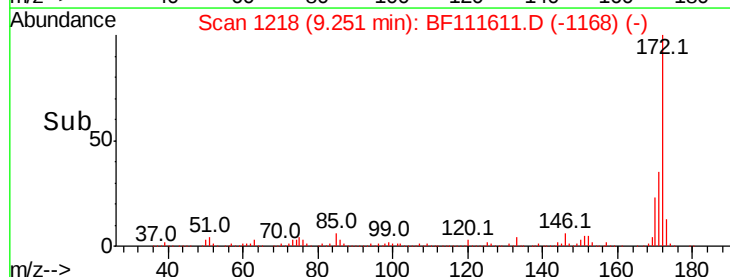
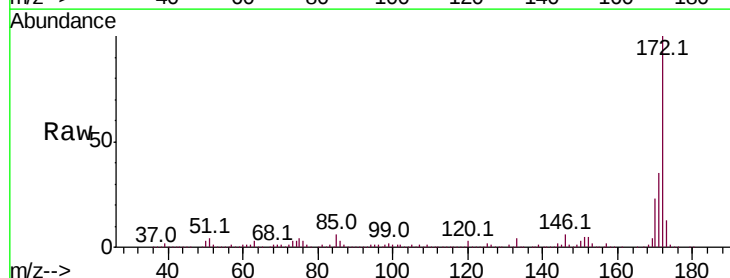
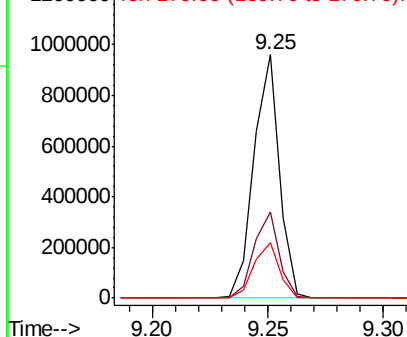
Delta R.T. -0.01 min

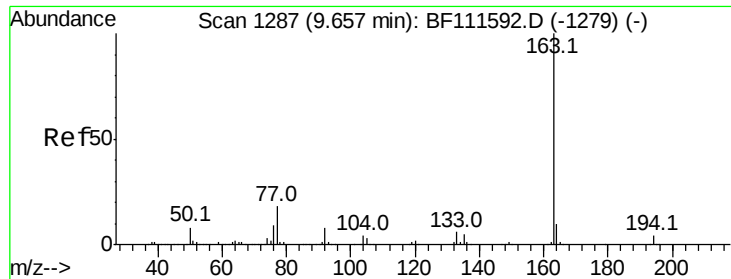
Lab File: BF111611.D

Acq: 20 Dec 2018 00:57

Tgt Ion:	172	Resp:	743793
Ion Ratio	Lower	Upper	
172	100		
171	35.4	33.0	49.4
170	23.0	22.3	33.5

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





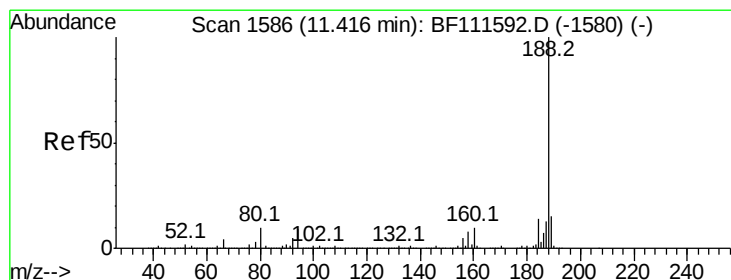
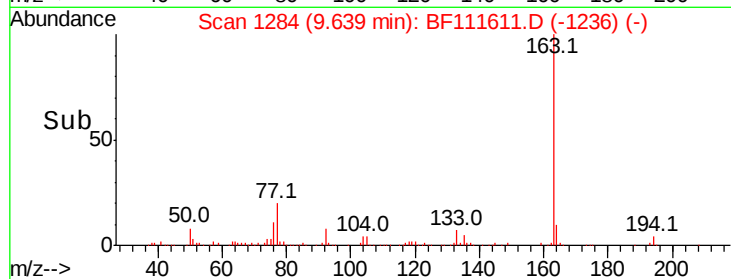
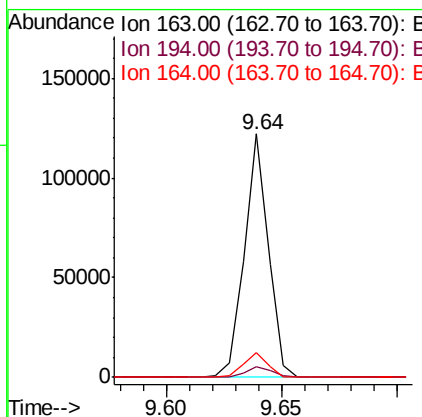
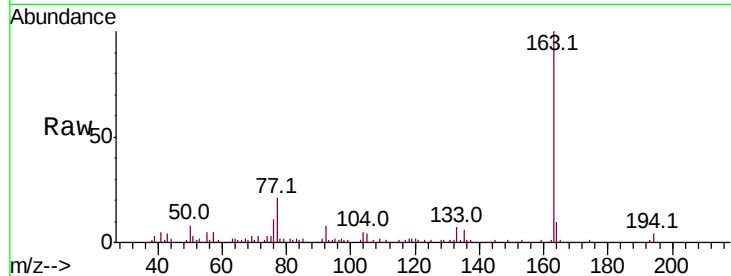
#50
Dimethylphthalate
Concen: 3.521 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	3.0	4.6	
164	9.9	8.9	13.3	

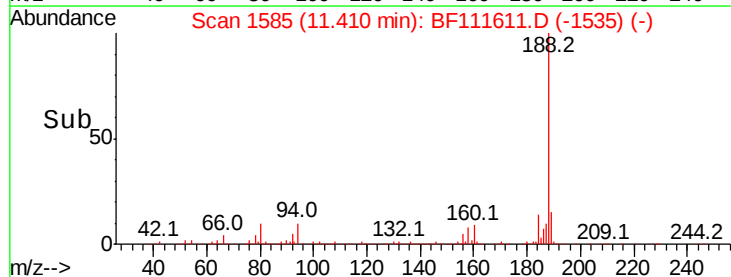
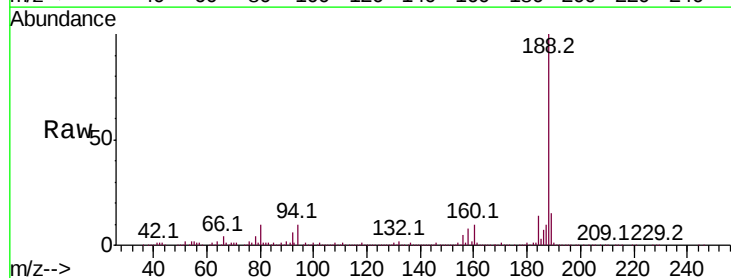
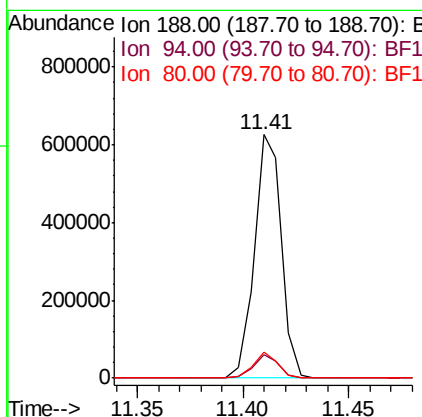
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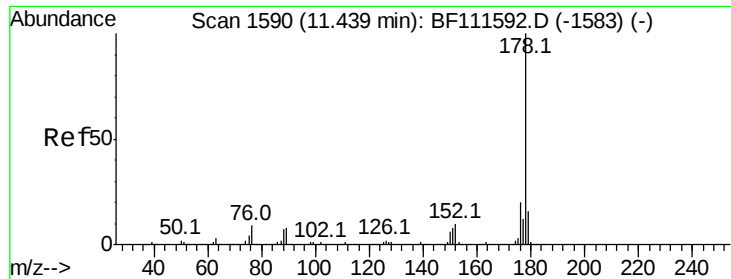
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	9.6	14.4	
80	10.4	9.8	14.6	





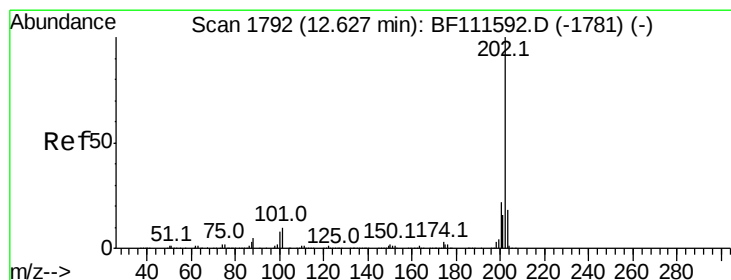
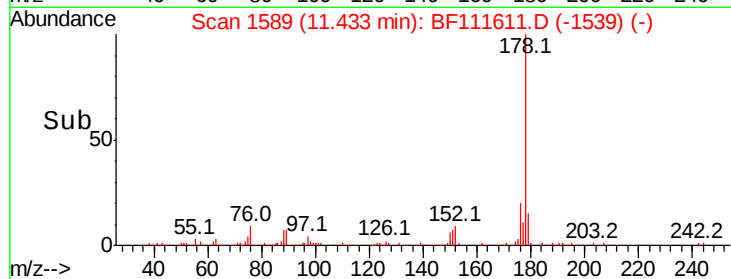
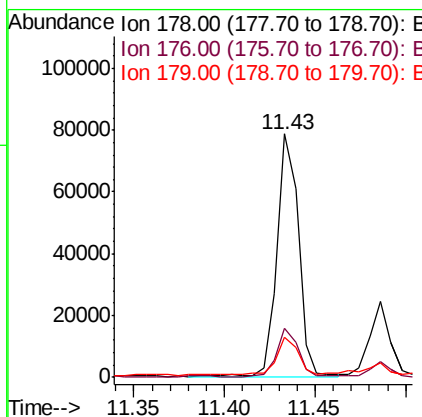
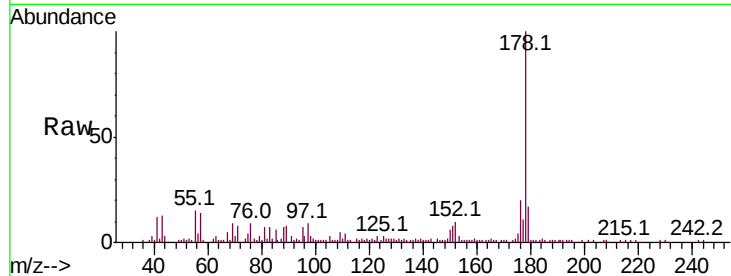
#71
Phenanthrene
Concen: 2.245 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	18.1	27.1
179	16.7	14.0	21.0

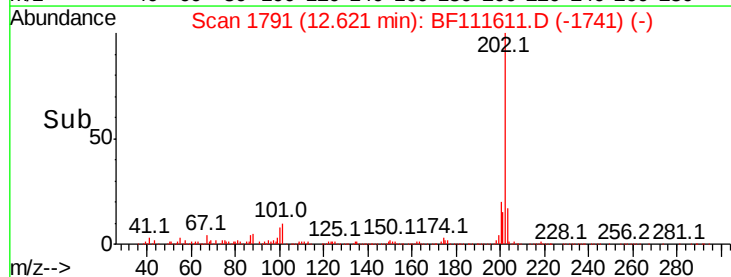
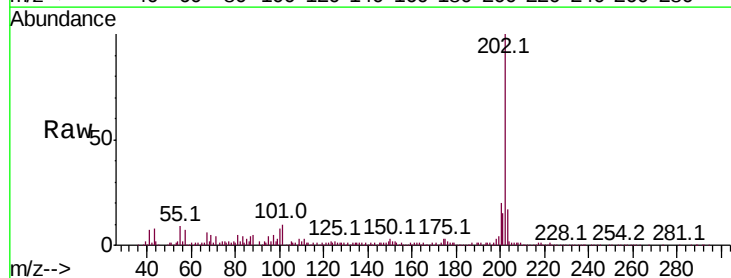
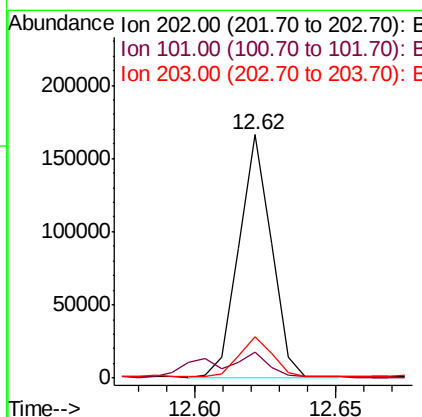
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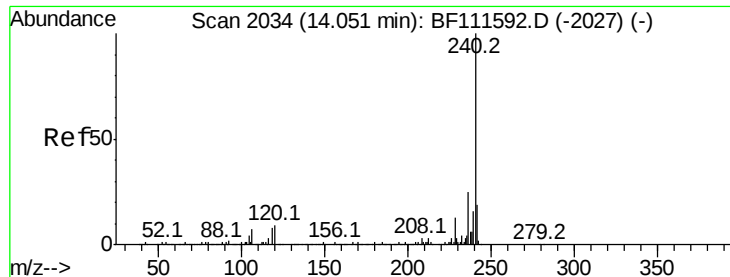
Sohil
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#75
Fluoranthene
Concen: 4.434 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.8
203	17.1	0.0	38.6





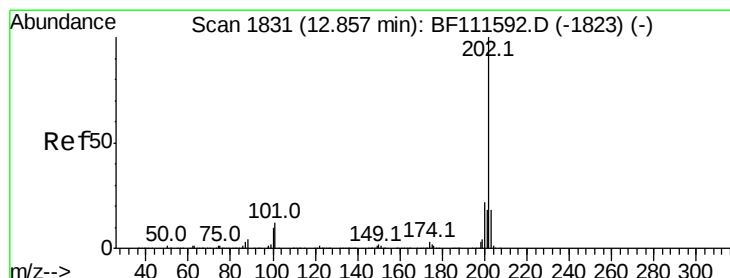
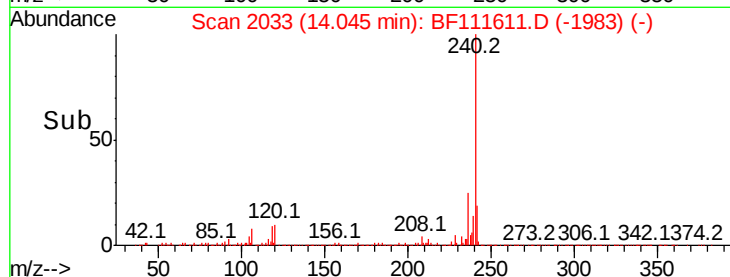
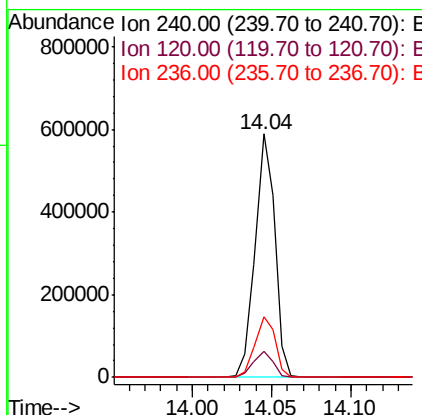
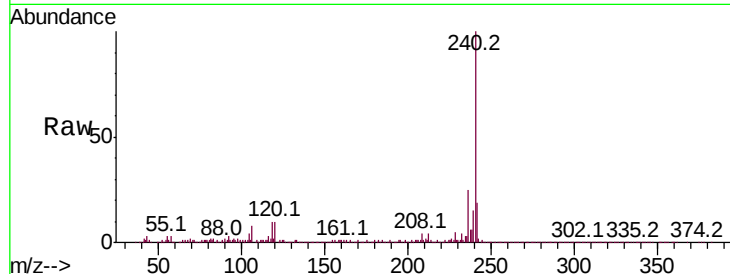
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111611.D
 Acq: 20 Dec 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-121818-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	12.2	18.2#
236	25.1	20.2	30.2

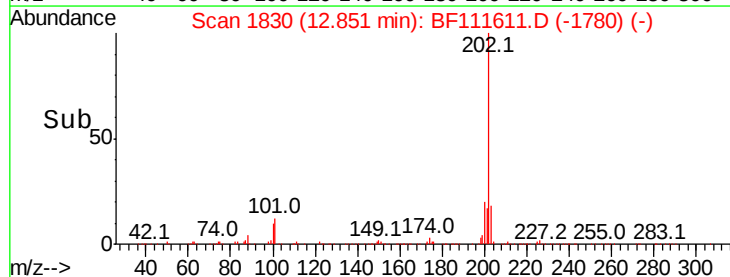
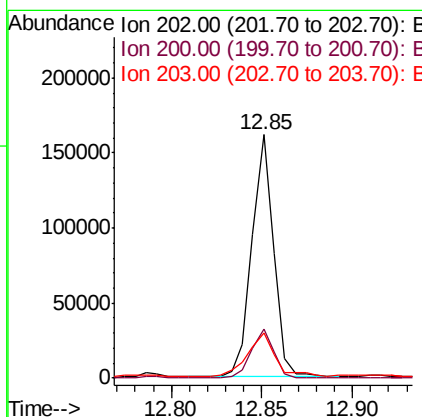
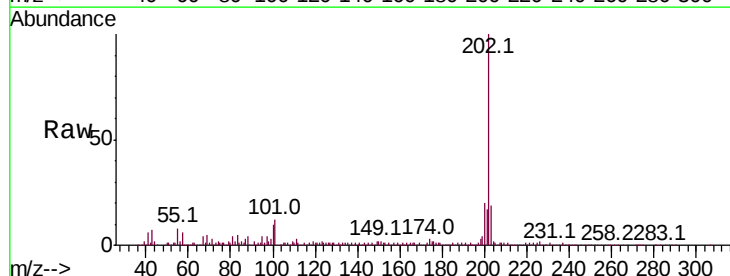
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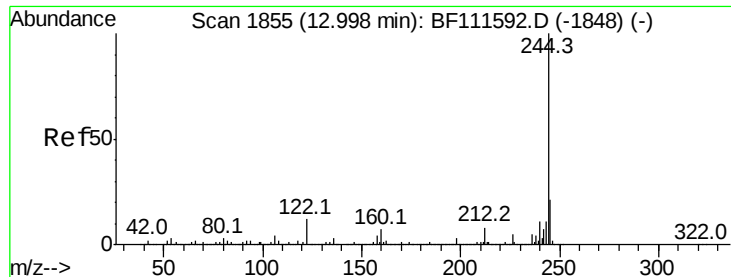
Sohil
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#78
 Pyrene
 Concen: 3.737 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF111611.D
 Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	19.0	28.4
203	18.7	15.2	22.8





#79

Terphenyl-d14

Concen: 25.480 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111611.D

Acq: 20 Dec 2018 00:57

Instrument :

BNA_F

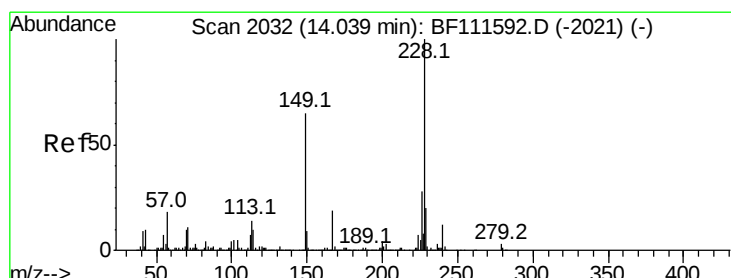
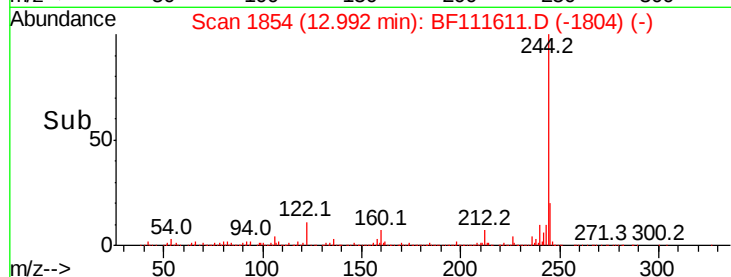
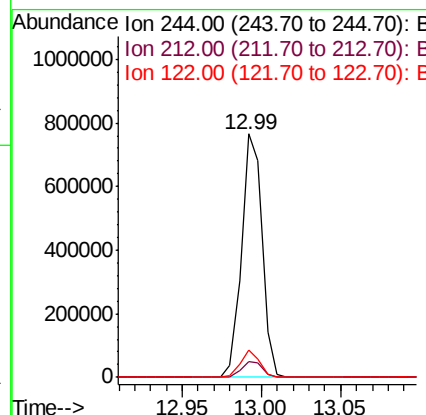
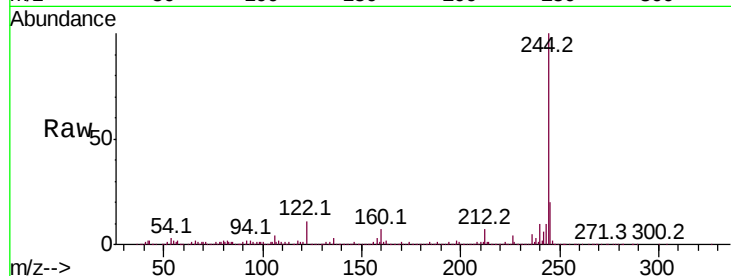
ClientSampleId :

EO-01-121818-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	11.0	13.1	19.7

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#81

Benzo(a)anthracene

Concen: 2.941 ng

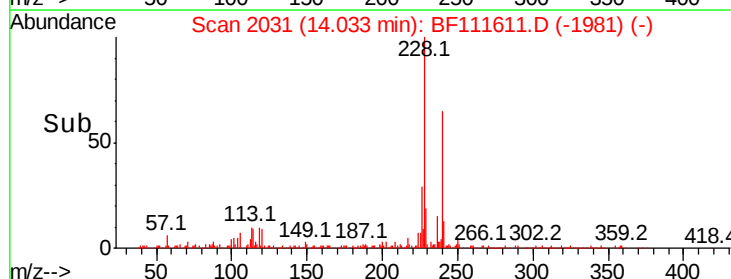
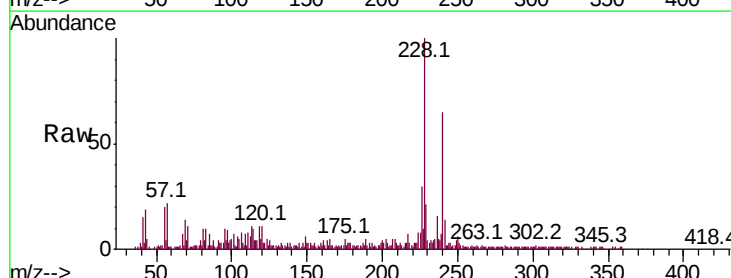
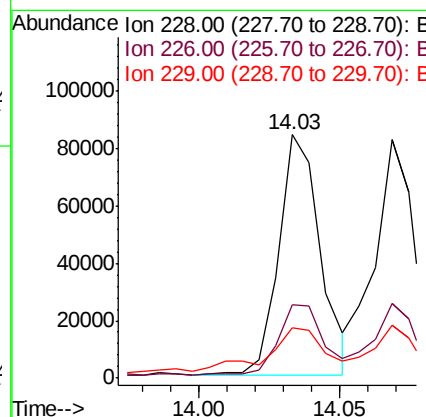
RT: 14.03 min Scan# 2031

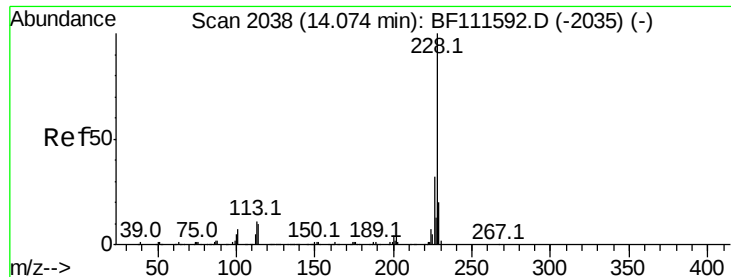
Delta R.T. -0.01 min

Lab File: BF111611.D

Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	34.0
229	20.8	16.3	24.5





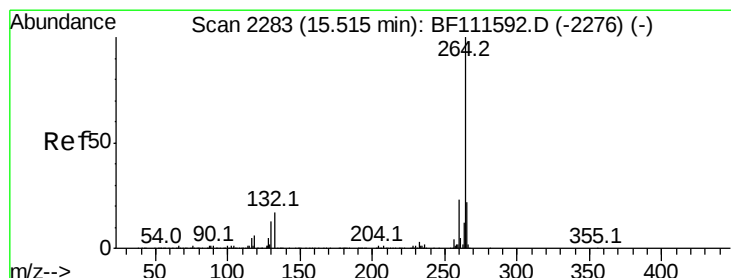
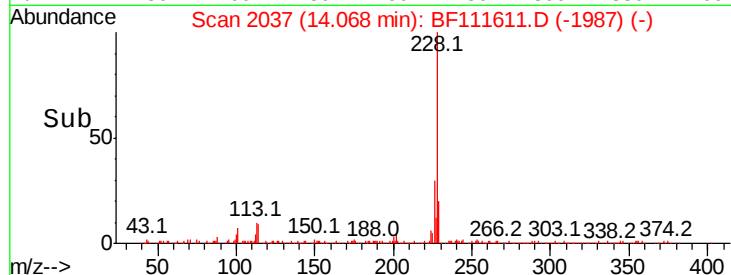
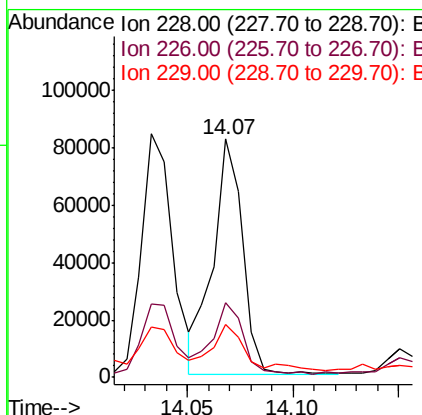
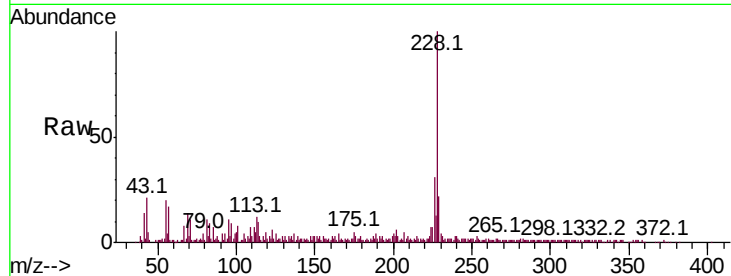
#83
 Chrysene
 Concen: 2.808 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF111611.D
 Acq: 20 Dec 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-121818-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	22.2	17.2	25.8

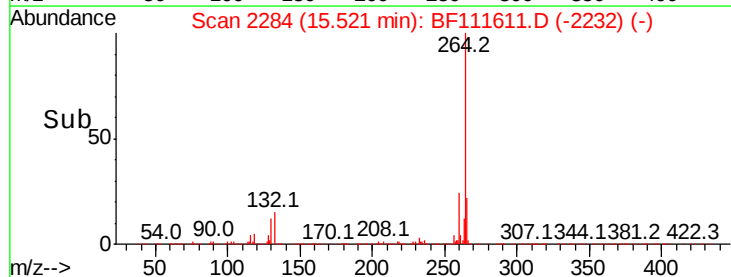
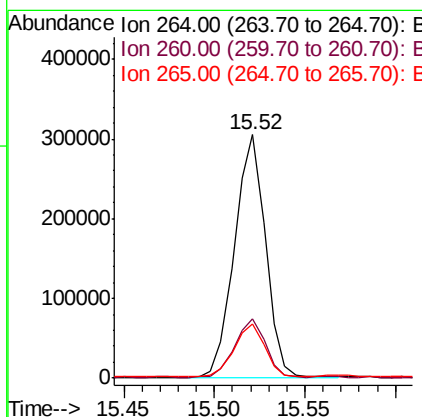
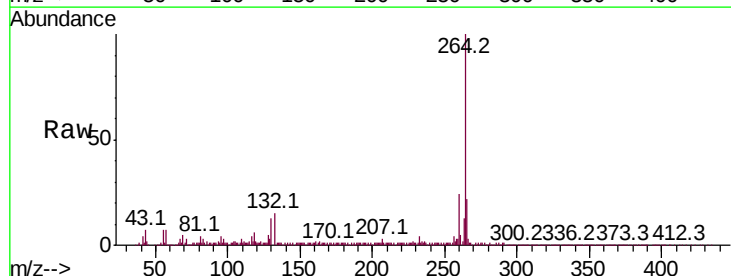
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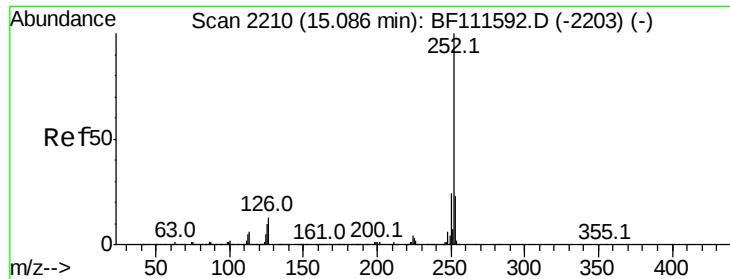
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2284
 Delta R.T. 0.01 min
 Lab File: BF111611.D
 Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.3	27.5
265	22.4	17.7	26.5





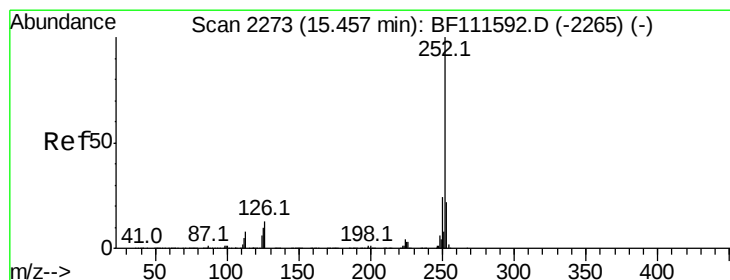
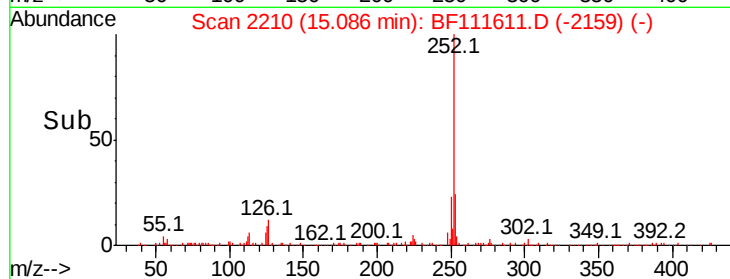
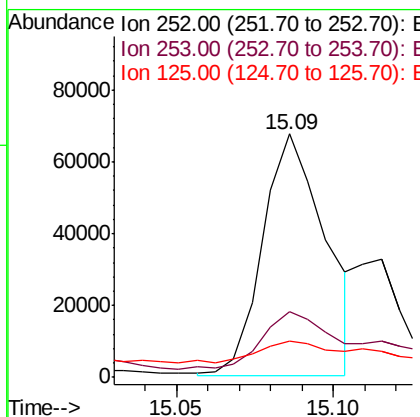
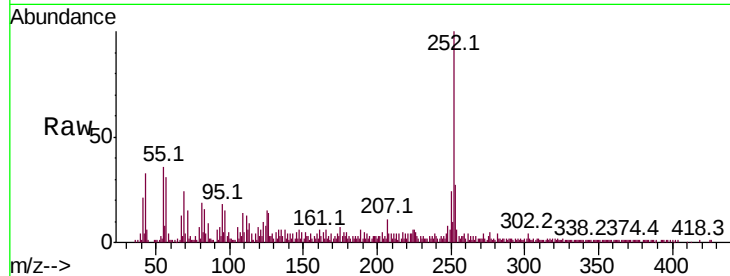
#88
Benzo(b)fluoranthene
Concen: 4.418 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Instrument :
BNA_F
ClientSampleId :
EO-01-121818-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.2	27.2
125	14.7	10.4	15.6

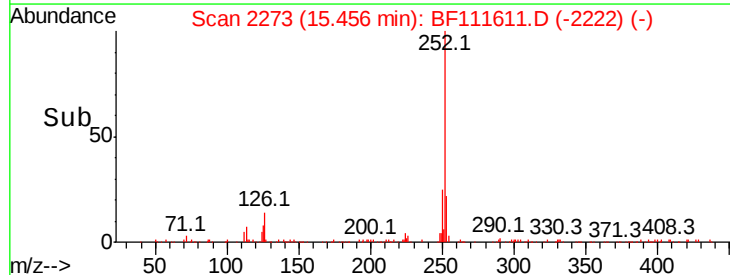
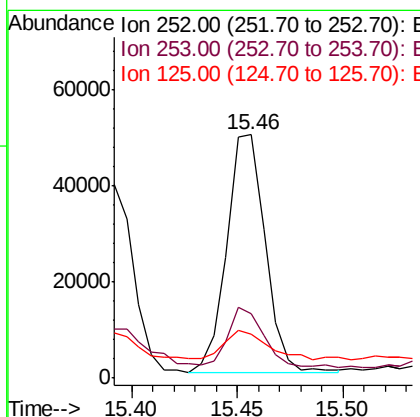
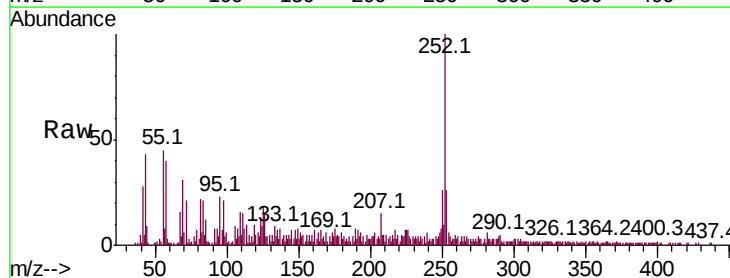
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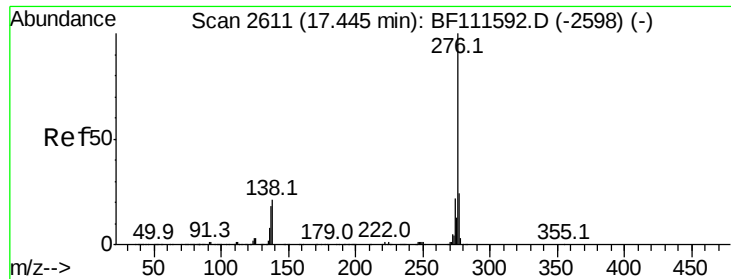
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#90
Benzo(a)pyrene
Concen: 3.232 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111611.D
Acq: 20 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.8	26.8
125	17.9	12.3	18.5





#92
 Benzo(a,h,i)perylene
 Concen: 2.429 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF111611.D
 Acq: 20 Dec 2018 00:57

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-121818-C

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	22.9	24.9	37.3

Manual Integrations
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