

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111612.D
 Acq On : 20 Dec 2018 1:24
 Operator : JU/SJ
 Sample : J6199-09 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-A

Manual Integrations
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Sohil
 12/20/2018 12:42:31 PM

Quant Time: Dec 20 04:34:25 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	177515	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	632454	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	291431	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	525899	20.00	ng	0.00
76) Chrysene-d12	14.05	240	501366	20.00	ng	0.00
87) Perylene-d12	15.52	264	350091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	521906	50.11	ng	0.00
7) Phenol-d6	6.51	99	659819	49.78	ng	-0.01
23) Nitrobenzene-d5	7.45	82	368128	33.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	158998	46.17	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	679354	33.98	ng	0.00
79) Terphenyl-d14	13.00	244	728657	27.56	ng	0.00
Target Compounds						
10) Phenol	6.52	94	38482	2.573	ng	98
50) Dimethylphthalate	9.64	163	57127	2.681	ng	97
71) Phenanthrene	11.43	178	337871	12.114	ng	94
72) Anthracene	11.49	178	99832	3.566	ng	95
75) Fluoranthene	12.62	202	422542	14.961	ng	97
78) Pyrene	12.85	202	368628	10.412	ng	96
81) Benzo(a)anthracene	14.04	228	182959	6.394	ng	99
83) Chrysene	14.07	228	156169	5.553	ng	97
88) Benzo(b)fluoranthene	15.09	252	133129m	6.507	ng	
89) Benzo(k)fluoranthene	15.12	252	51753m	2.657	ng	
90) Benzo(a)pyrene	15.46	252	88385	4.755	ng	97
92) Benzo(a,h,i)perylene	17.44	276	37240	2.343	ng	92

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

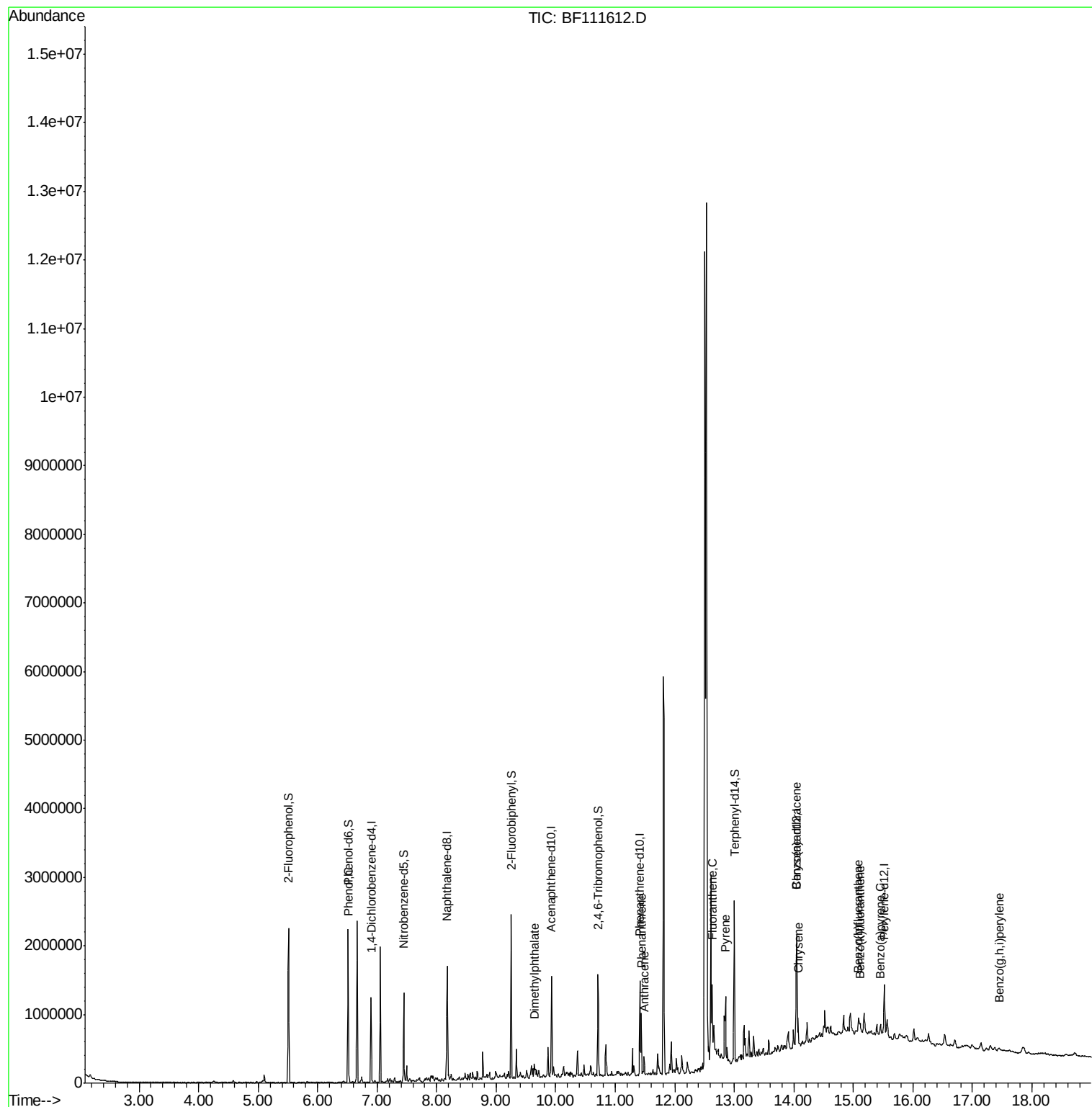
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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Sample : J6199-09 2X
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ALS Vial : 16 Sample Multiplier: 1

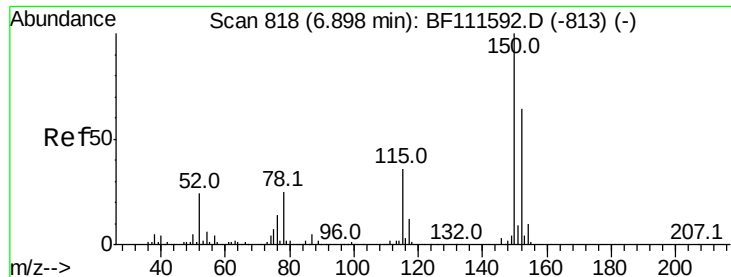
Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

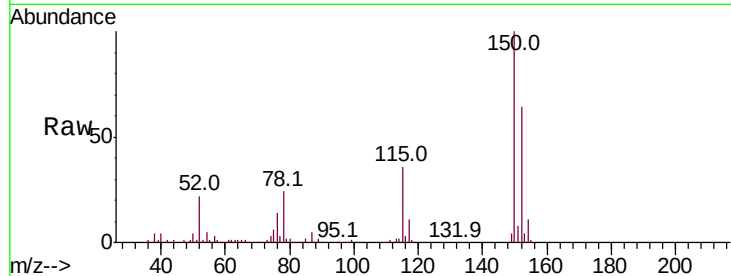
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	57.2	50.7	76.1

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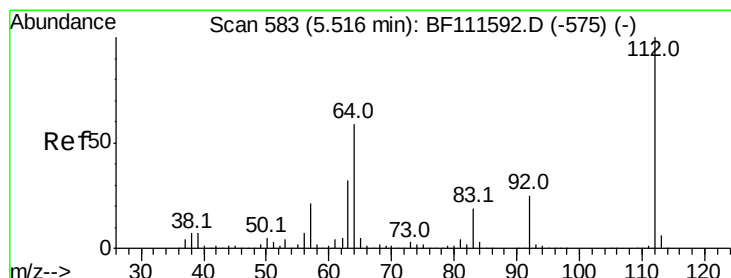
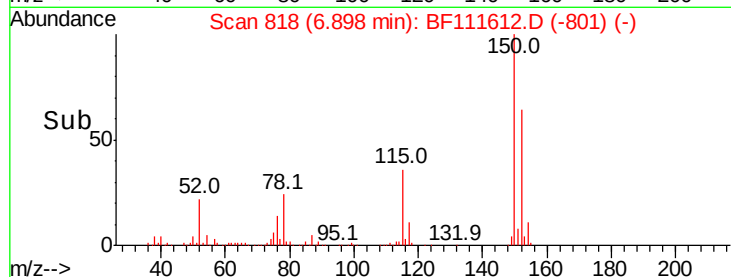
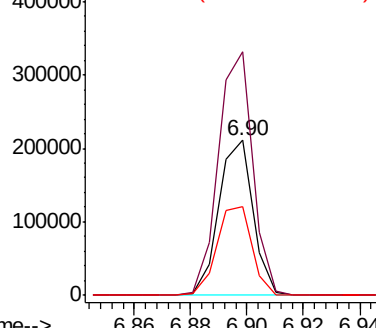


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

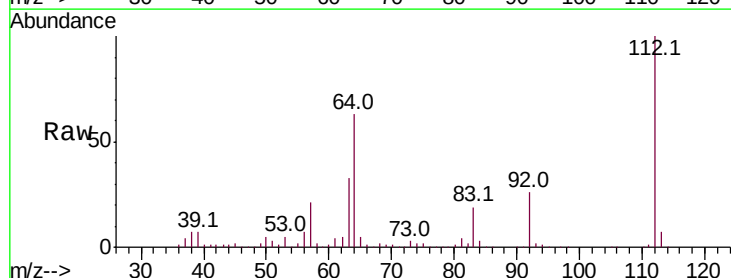
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 50.114 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.8	77.6
63	33.1	26.8	40.2

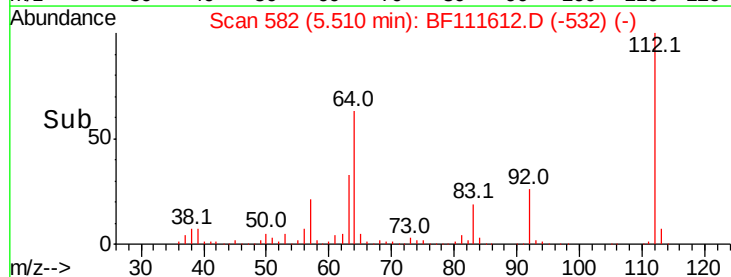
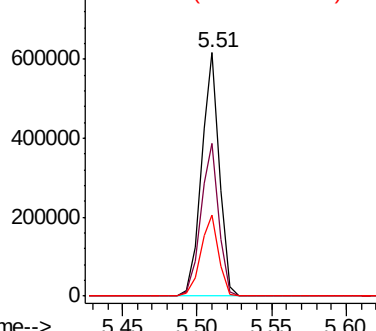


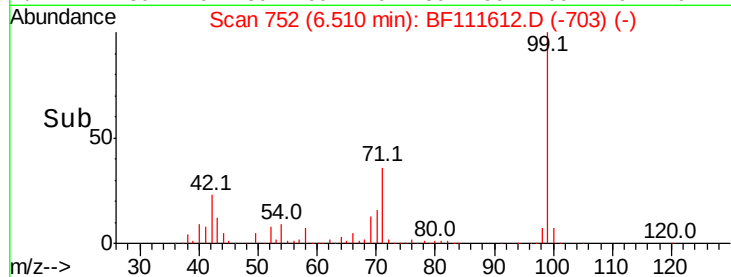
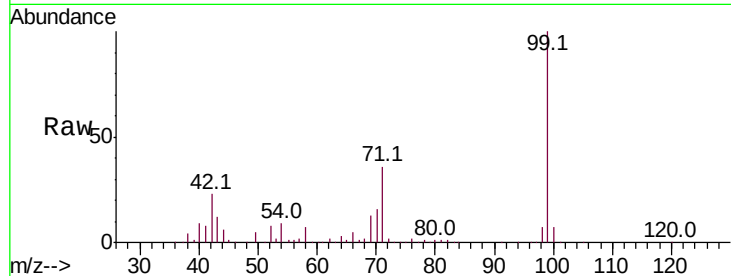
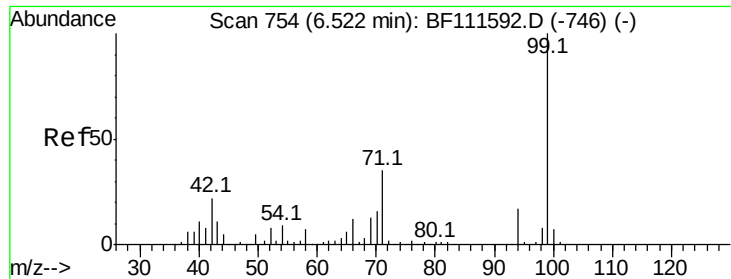
Abundance

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: 49.784 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF111612.D

Acq: 20 Dec 2018 1:24

Tot Ion:	99	Resp:	659819
Ion Ratio	Lower	Upper	
99	100		
42	22.9	17.4	26.0
71	36.1	26.1	39.1

Instrument :

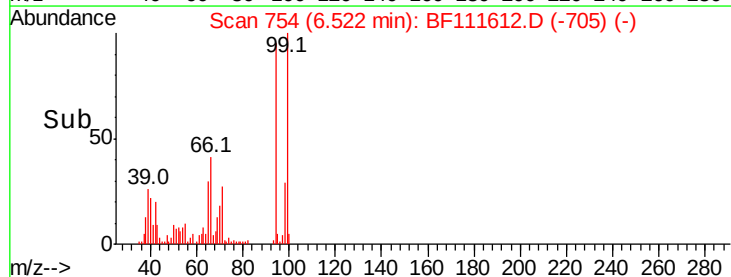
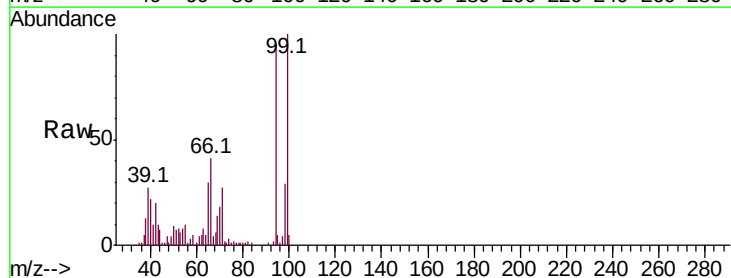
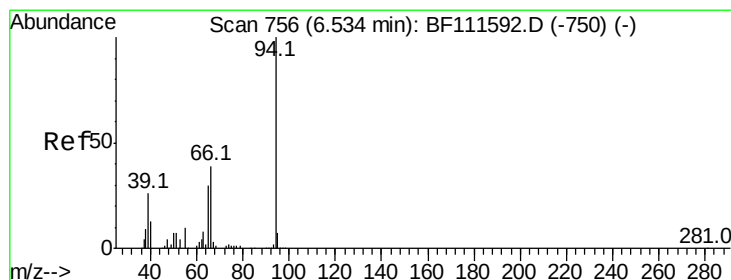
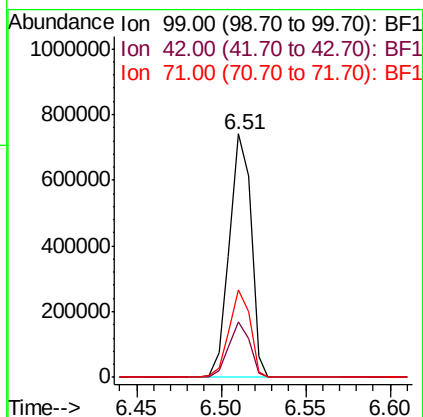
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ClientSampleId :

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#10

Phenol

Concen: 2.573 ng

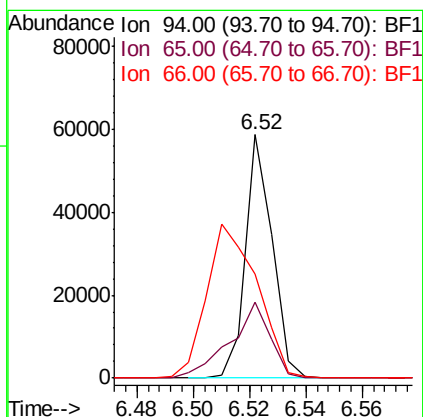
RT: 6.52 min Scan# 754

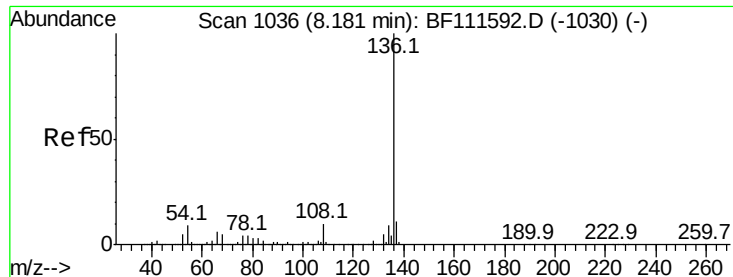
Delta R.T. -0.01 min

Lab File: BF111612.D

Acq: 20 Dec 2018 1:24

Tgt Ion:	94	Resp:	38482
Ion Ratio	Lower	Upper	
94	100		
65	31.3	11.7	51.7
66	42.7	21.0	61.0





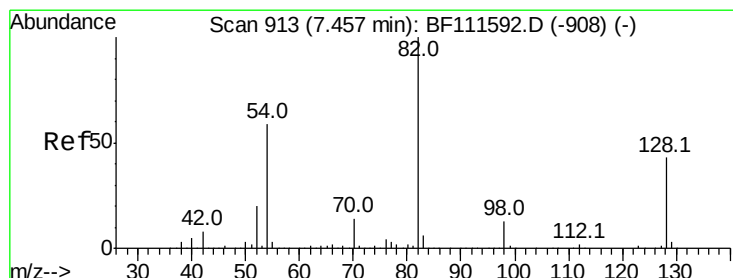
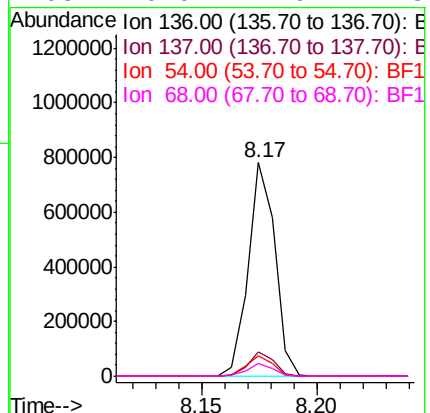
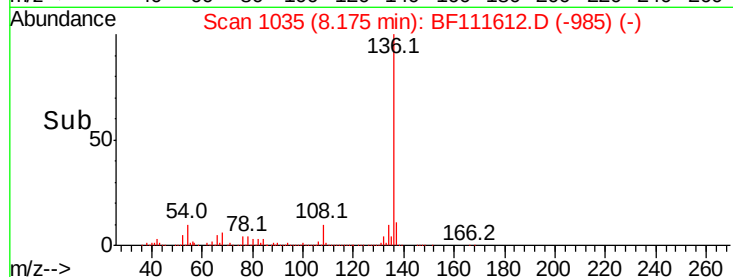
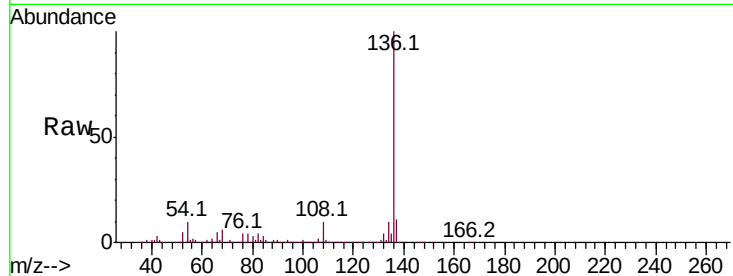
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	9.8	7.7	11.5	
68	6.0	4.9	7.3	

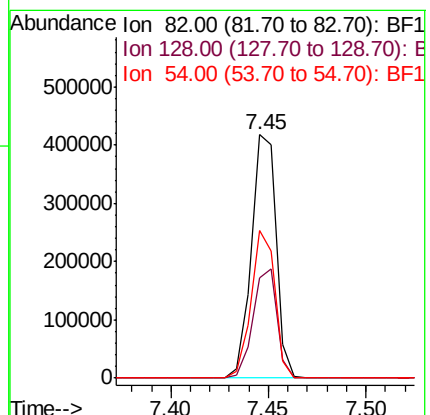
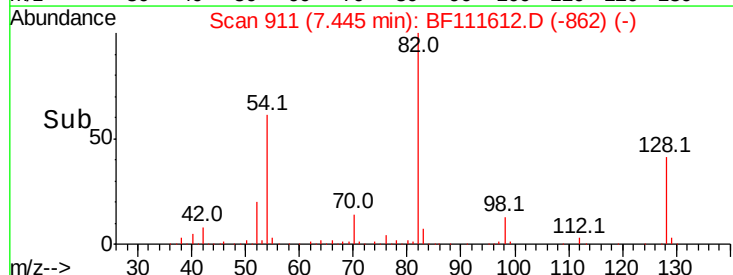
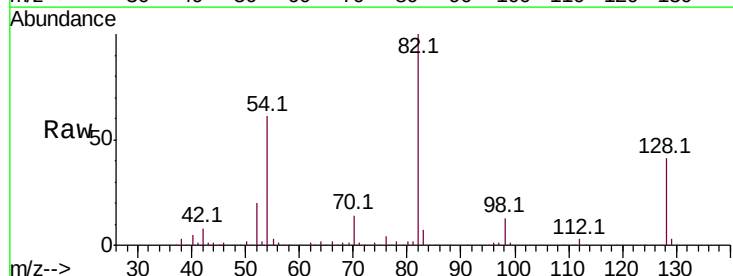
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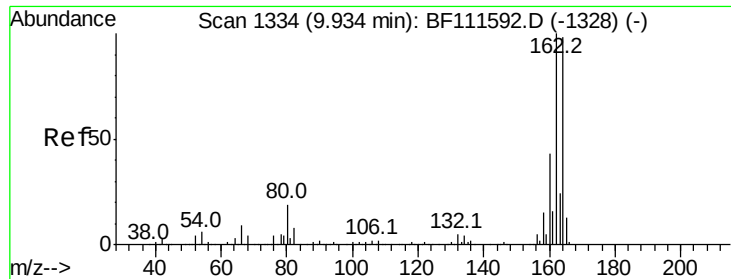
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#23
Nitrobenzene-d5
Concen: 33.881 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.3	37.4	56.2	
54	60.8	47.6	71.4	





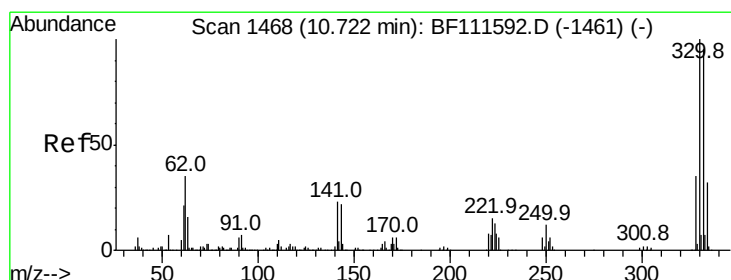
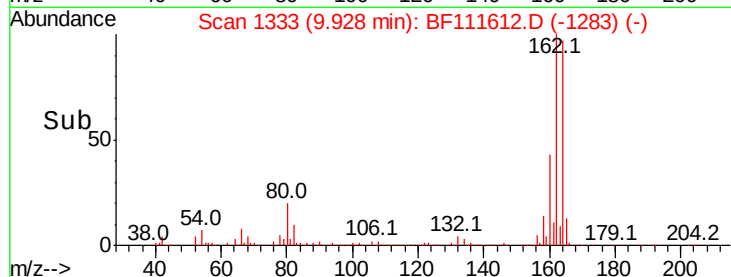
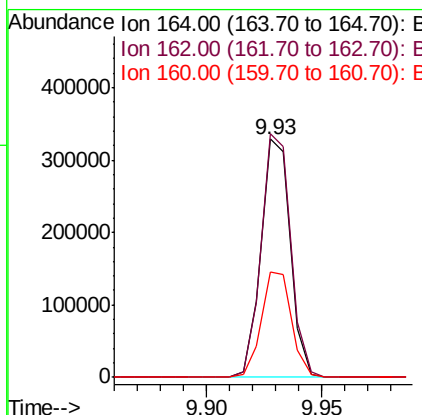
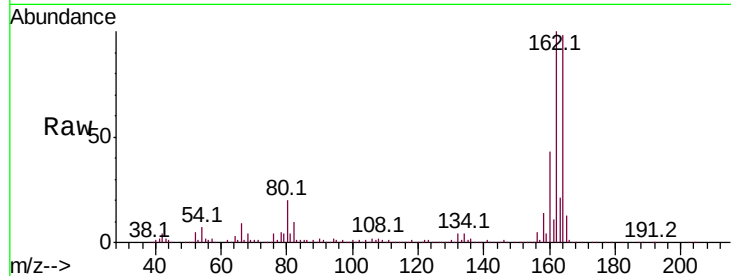
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF111612.D
 Acq: 20 Dec 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-A

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	44.1	35.7	53.5

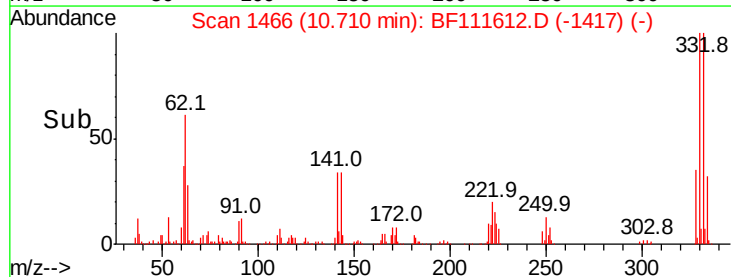
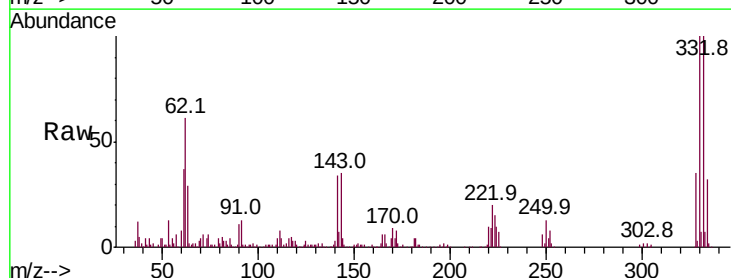
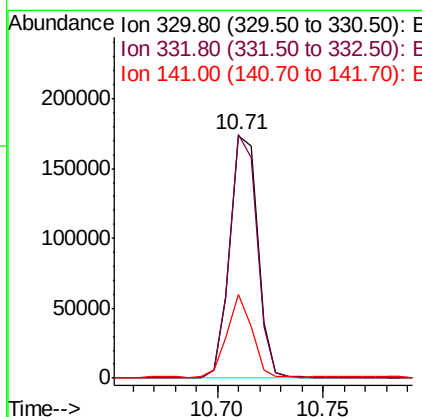
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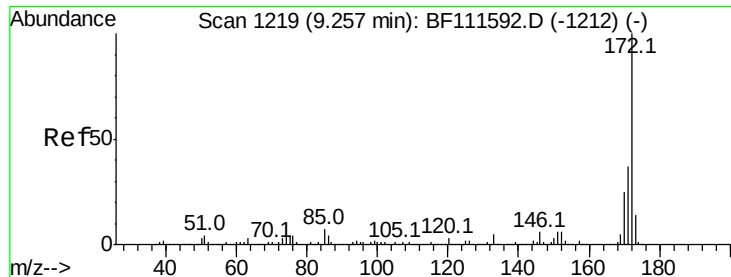
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#42
 2,4,6-Tribromophenol
 Concen: 46.174 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111612.D
 Acq: 20 Dec 2018 1:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	30.2	31.0	46.6#





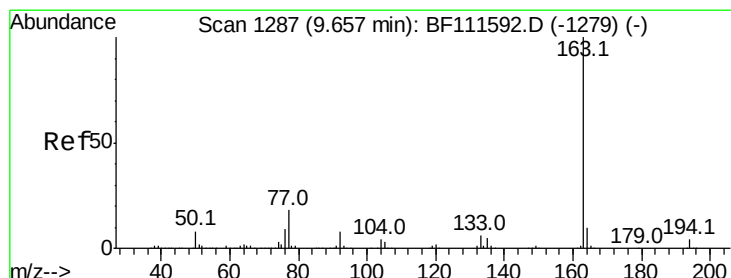
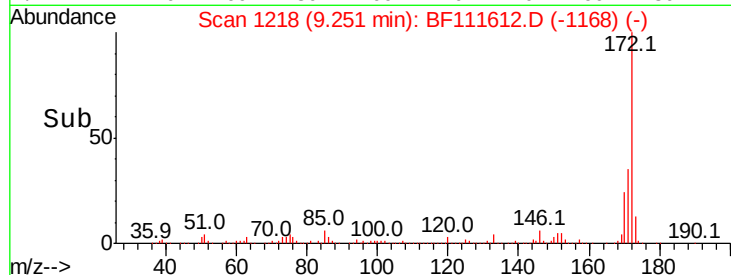
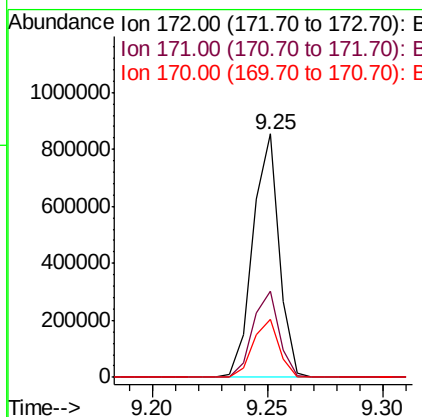
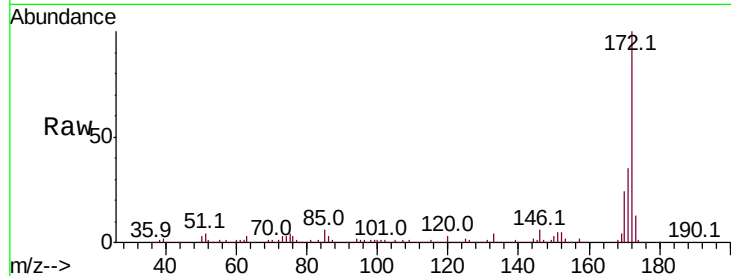
#45
2-Fluorobiphenyl
Concen: 33.978 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tot Ion:	172	Resp:	679354
Ion Ratio	Lower	Upper	
172	100		
171	35.3	33.0	49.4
170	23.8	22.3	33.5

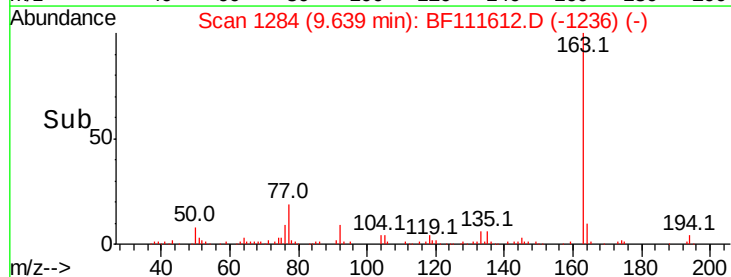
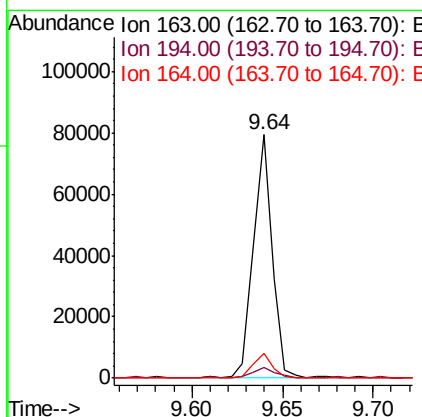
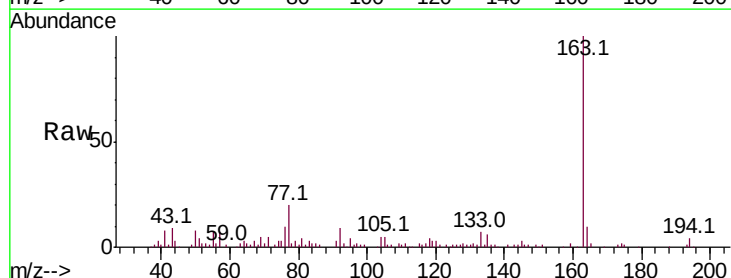
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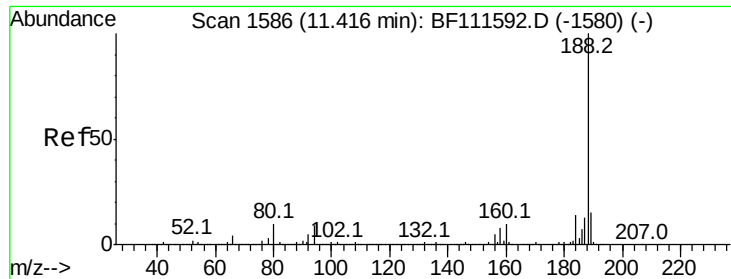
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#50
Dimethylphthalate
Concen: 2.681 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:	163	Resp:	57127
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.0	4.6
164	10.0	8.9	13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF111612.D

Acq: 20 Dec 2018 1:24

Instrument :

BNA_F

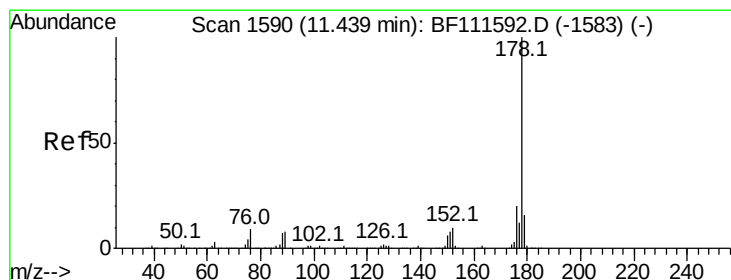
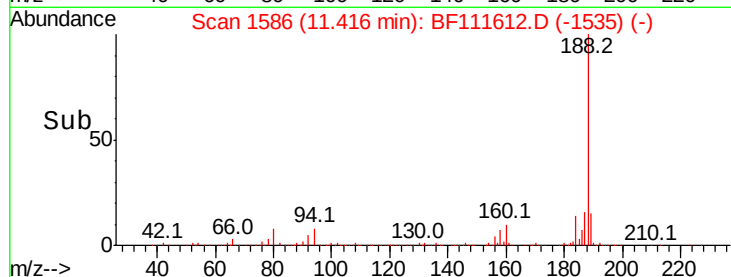
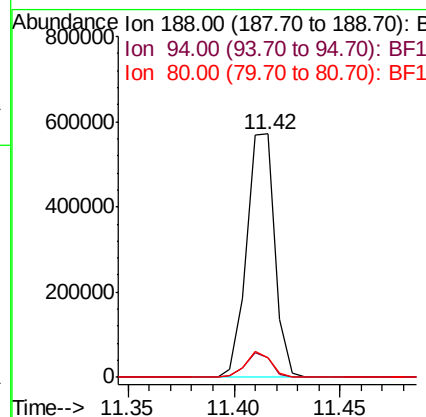
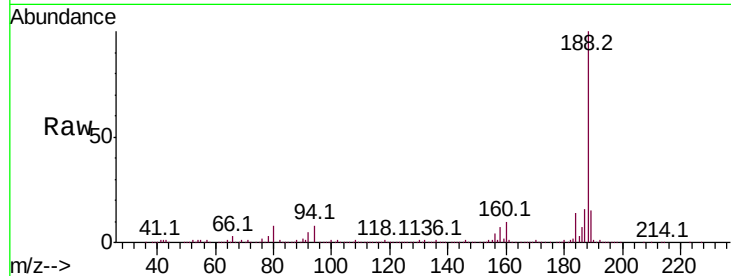
ClientSampleId :

SU-02-121818-A

Tot Ion:	188	Resp:	525899
Ion Ratio	Lower	Upper	
188	100		
94	8.1	9.6	14.4#
80	8.2	9.8	14.6#

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#71

Phenanthrene

Concen: 12.114 ng

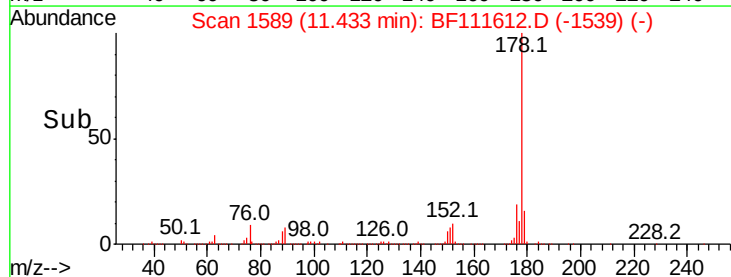
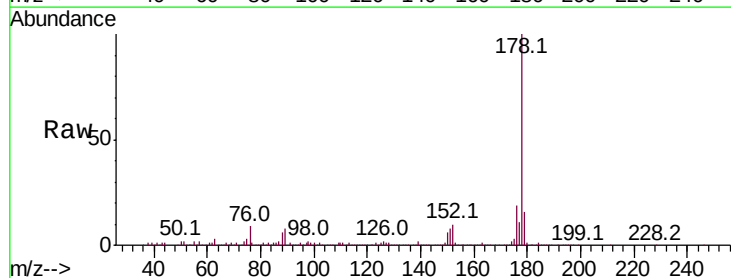
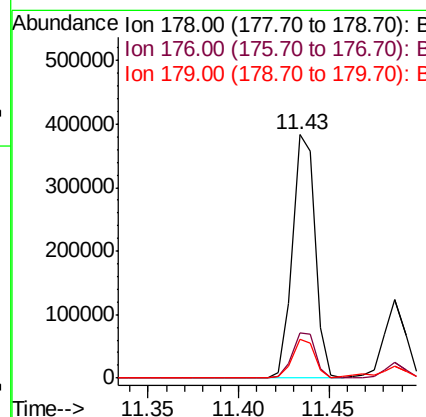
RT: 11.43 min Scan# 1589

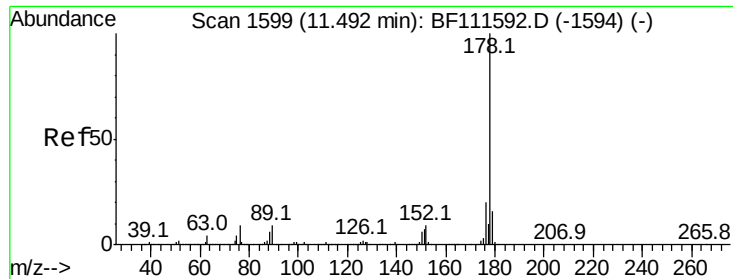
Delta R.T. -0.01 min

Lab File: BF111612.D

Acq: 20 Dec 2018 1:24

Tgt Ion:	178	Resp:	337871
Ion Ratio	Lower	Upper	
178	100		
176	18.6	18.1	27.1
179	15.9	14.0	21.0





#72

Anthracene

Concen: 3.566 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF111612.D

Acq: 20 Dec 2018 1:24

Instrument :

BNA_F

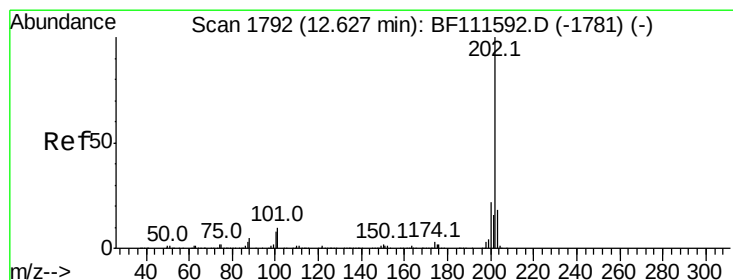
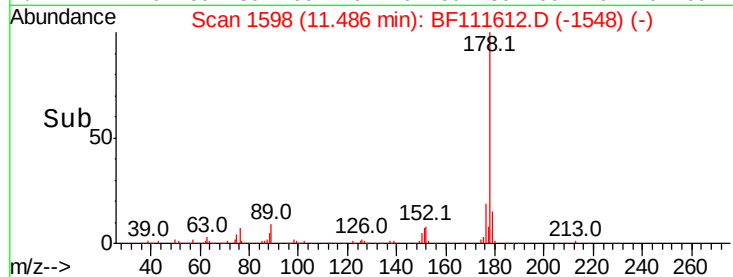
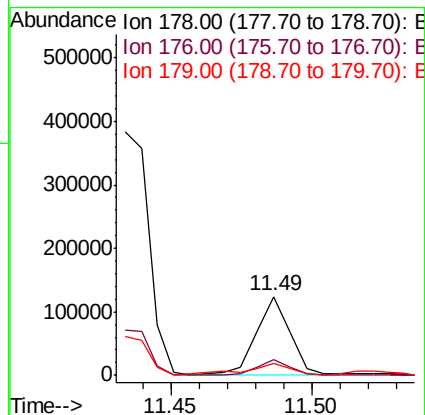
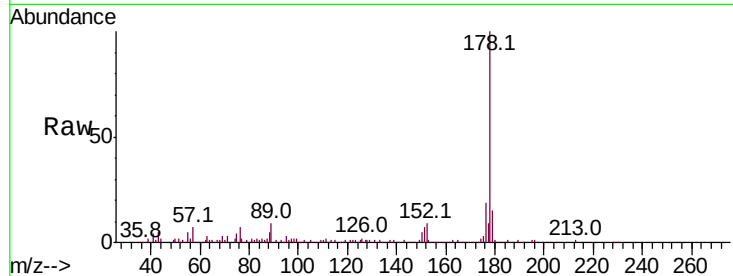
ClientSampleId :

SU-02-121818-A

Tot Ion:	178	Resp:	99832
Ion Ratio	Lower	Upper	
178	100		
176	19.3	17.2	25.8
179	15.0	13.8	20.8

Manual Integrations
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#75

Fluoranthene

Concen: 14.961 ng

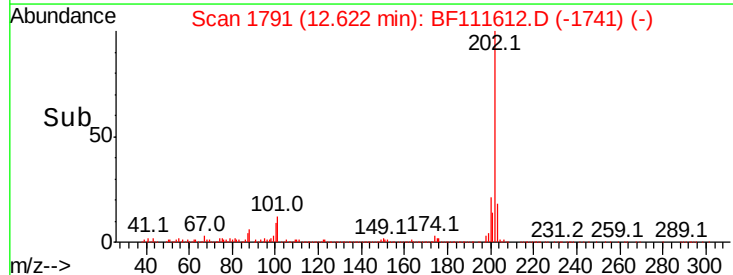
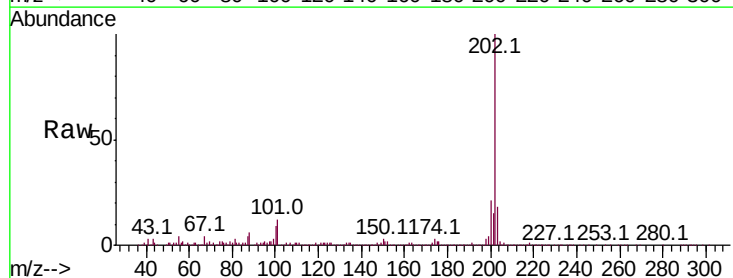
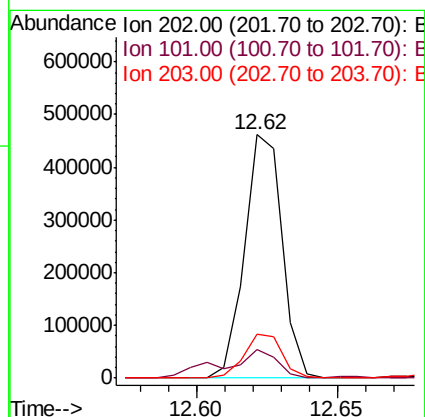
RT: 12.62 min Scan# 1791

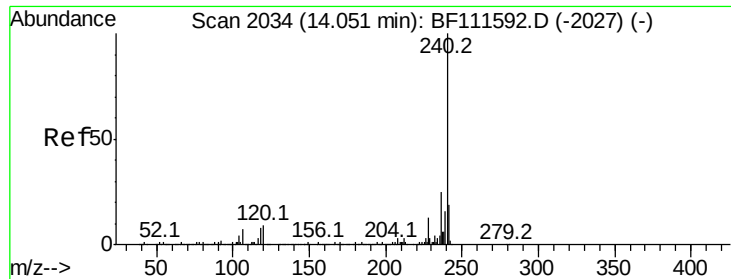
Delta R.T. -0.01 min

Lab File: BF111612.D

Acq: 20 Dec 2018 1:24

Tgt Ion:	202	Resp:	422542
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.8
203	18.1	0.0	38.6





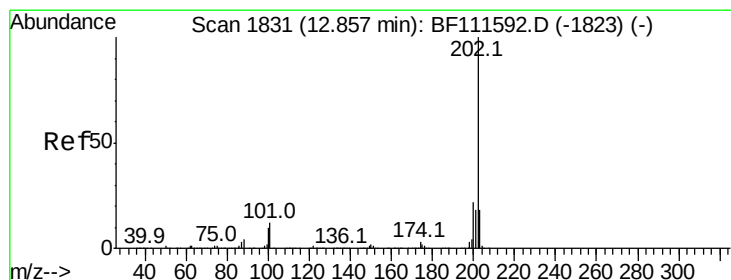
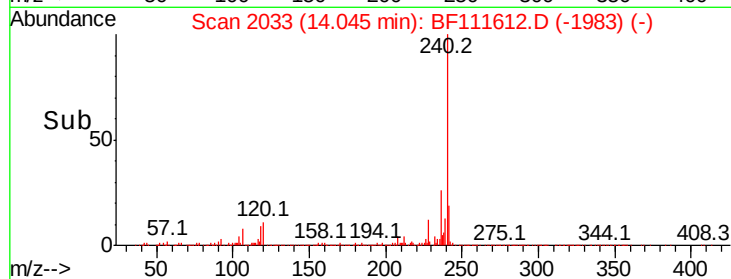
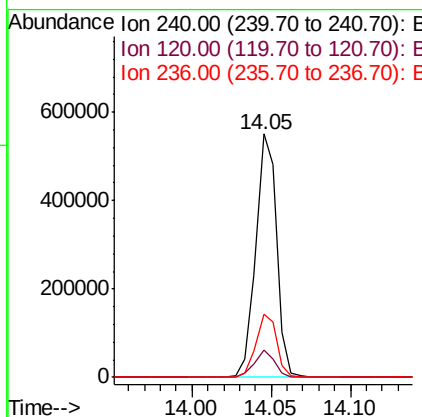
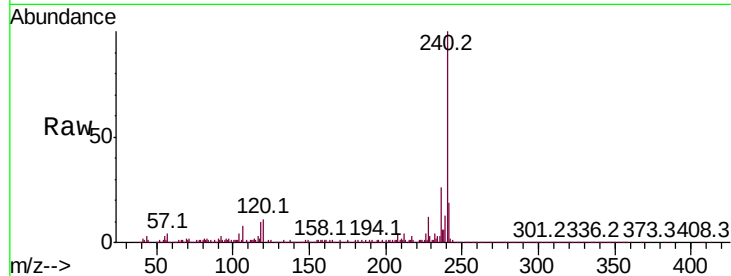
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.2	18.2#
236	26.0	20.2	30.2

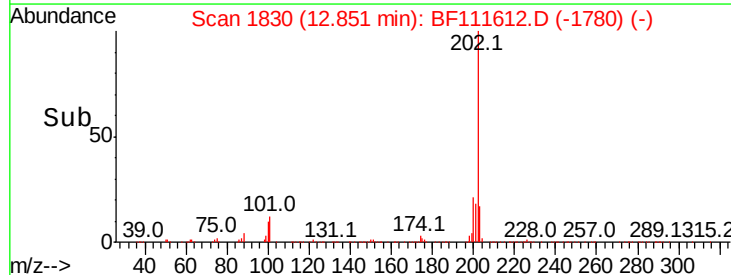
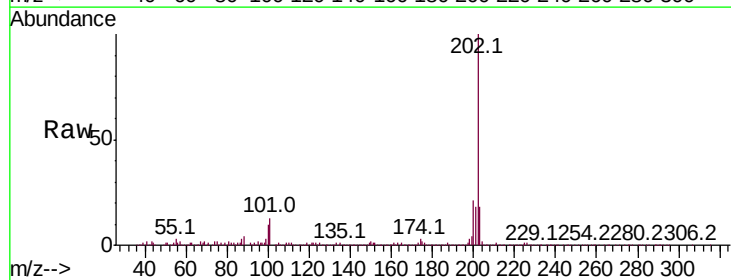
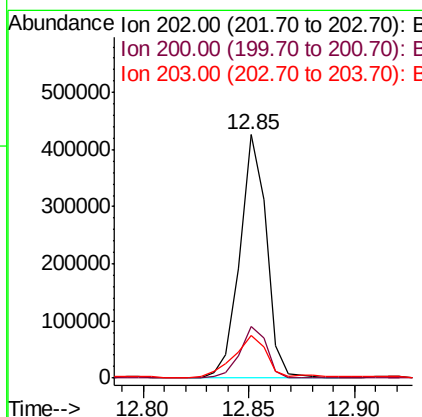
Manual Integrations
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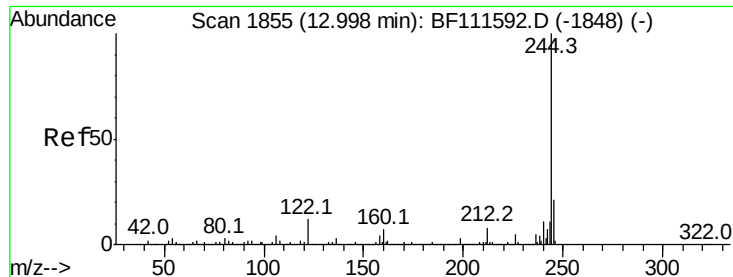
Sohil
12/20/2018 12:42:31 PM



#78
Pyrene
Concen: 10.412 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	19.0	28.4
203	17.7	15.2	22.8





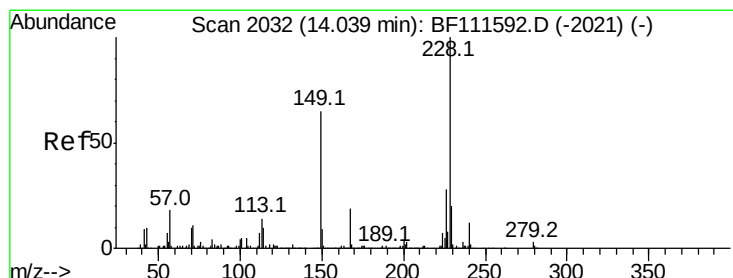
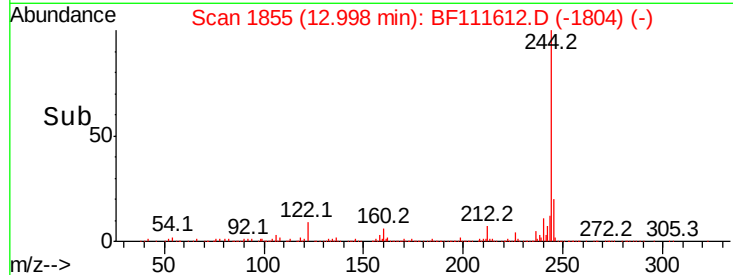
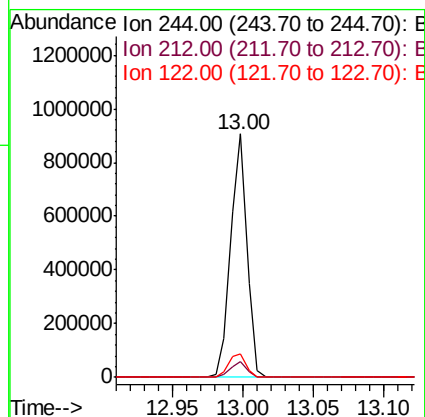
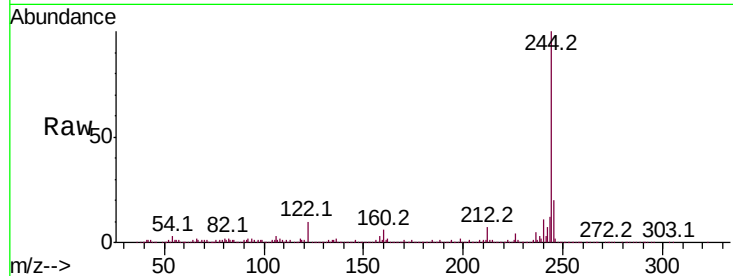
#79
 Terphenyl-d14
 Concen: 27.561 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF111612.D
 Acq: 20 Dec 2018 1:24

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-121818-A

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.5	13.1	19.7

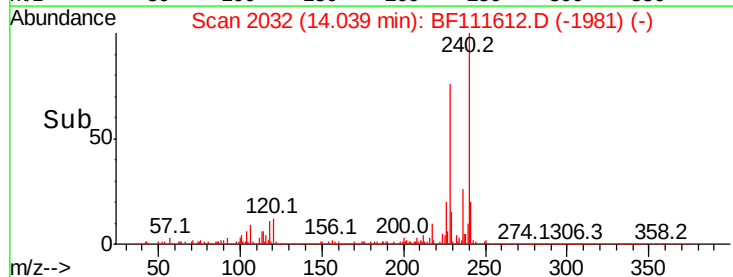
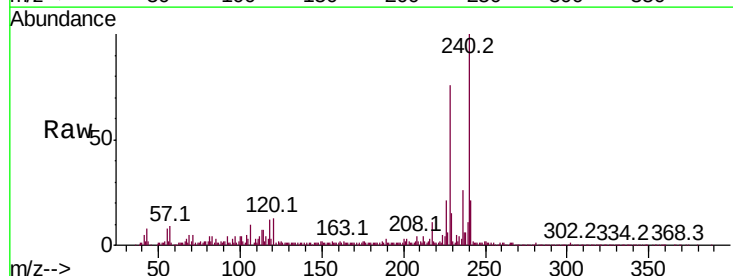
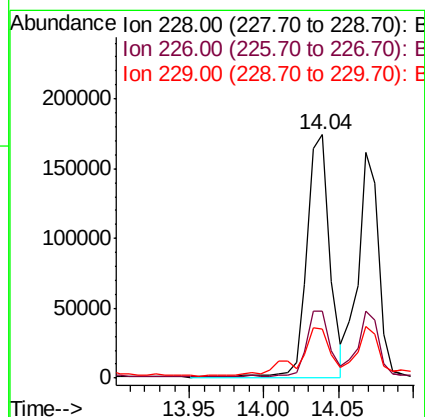
Manual Integrations
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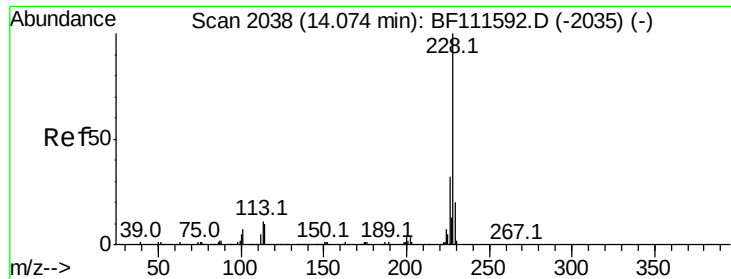
Sohil
 12/20/2018 12:42:31 PM



#81
 Benzo(a)anthracene
 Concen: 6.394 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BF111612.D
 Acq: 20 Dec 2018 1:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.0	16.3	24.5





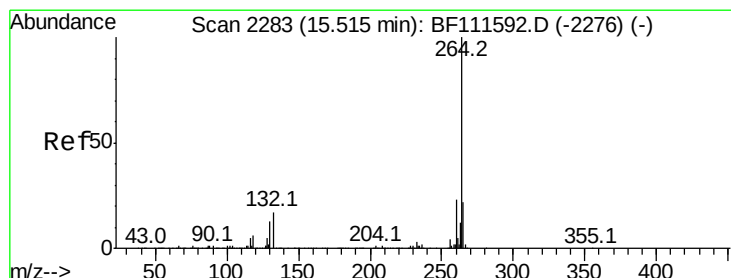
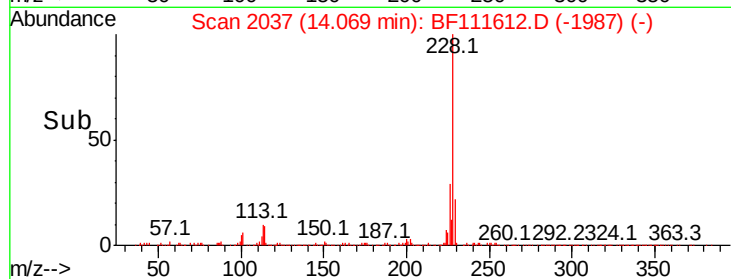
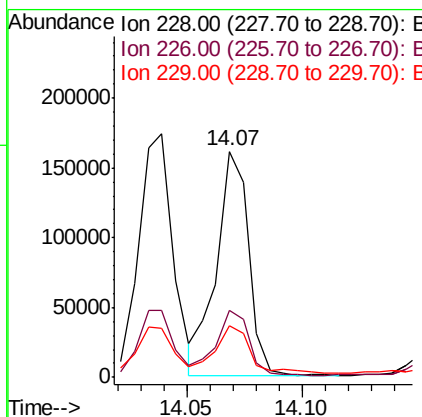
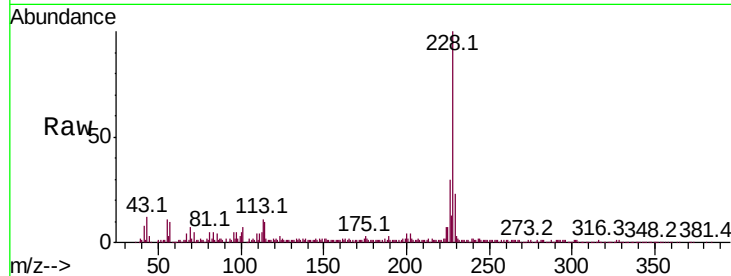
#83
Chrysene
Concen: 5.553 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tot Ion:	228	Resp:	156169
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.3	37.9
229	22.7	17.2	25.8

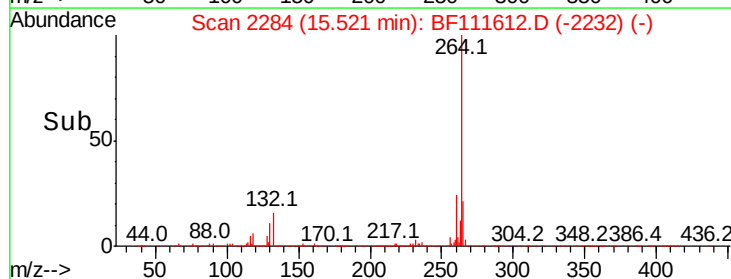
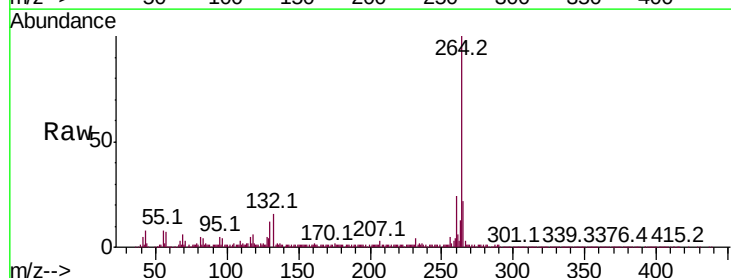
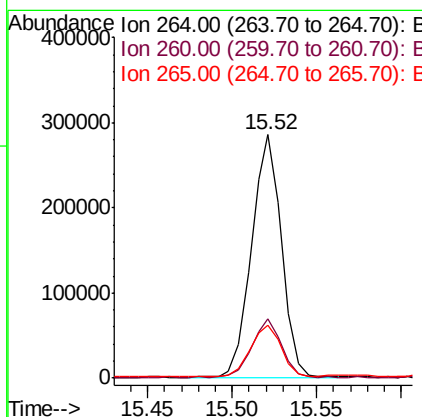
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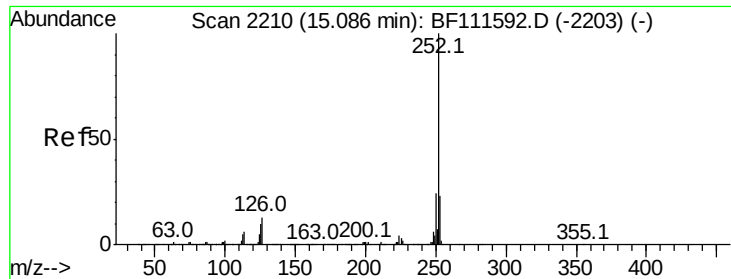
Sohil
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:	264	Resp:	350091
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.3	27.5
265	21.9	17.7	26.5





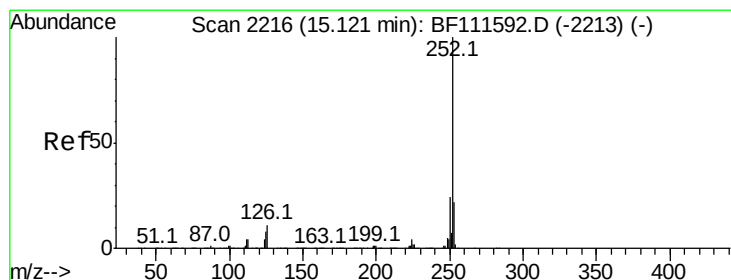
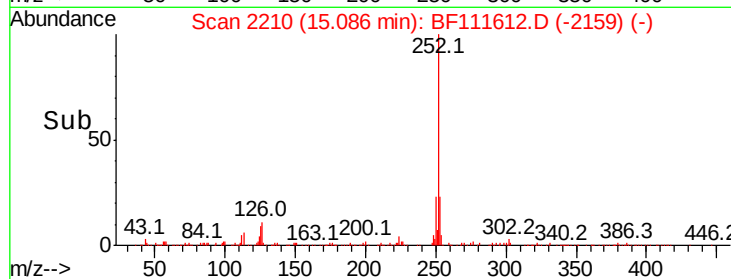
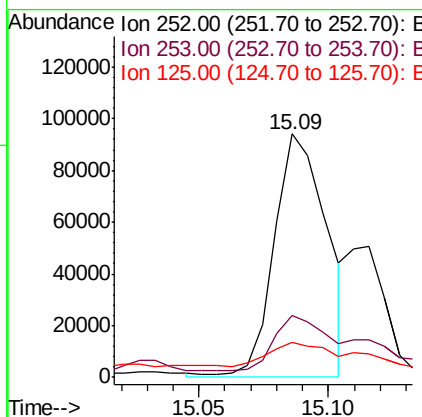
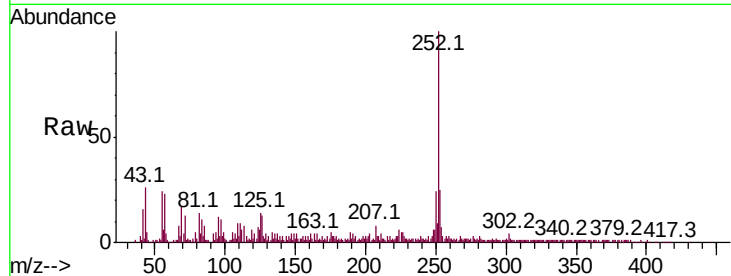
#88
Benzo(b)fluoranthene
Concen: 6.507 ng m
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	14.3	10.4	15.6

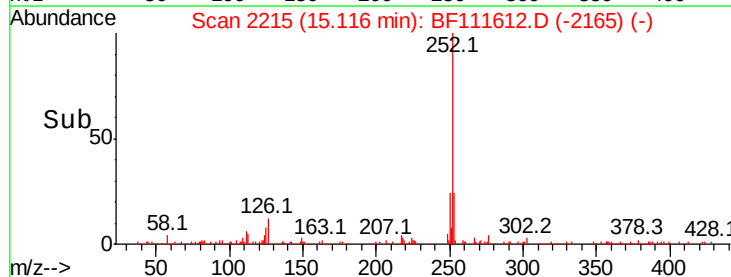
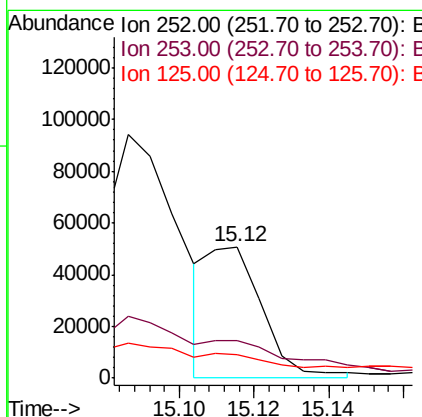
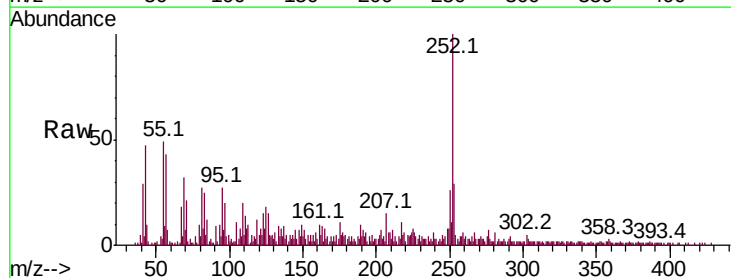
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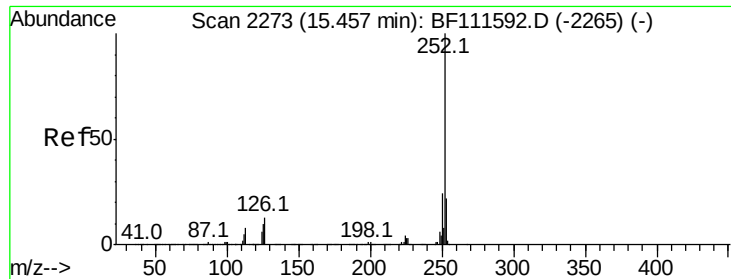
Sohil
12/20/2018 12:42:31 PM



#89
Benzo(k)fluoranthene
Concen: 2.657 ng m
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.1	27.1#
125	18.0	9.8	14.8#





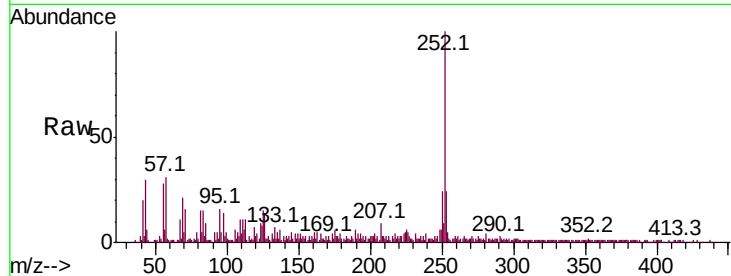
#90
Benzo(a)pyrene
Concen: 4.755 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	15.2	12.3	18.5

Manual Integrations
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Sohil
12/20/2018 12:42:31 PM

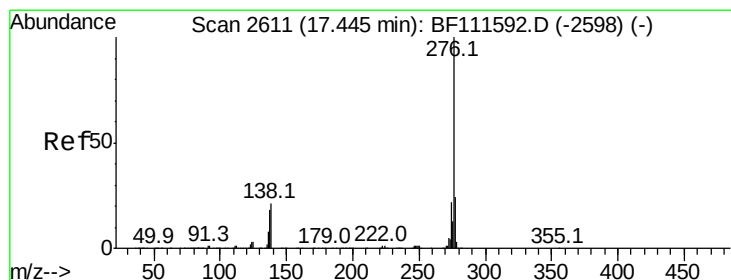
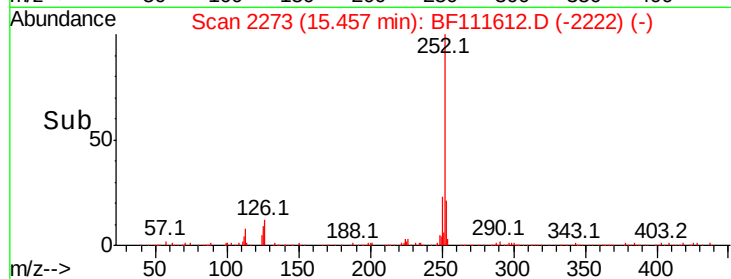
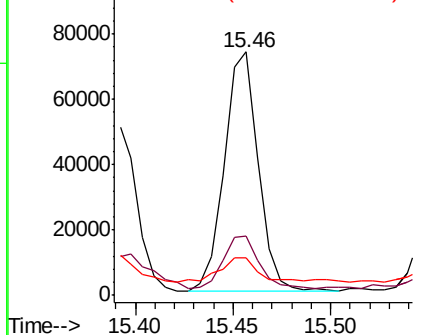


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 2.343 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.4	19.2	28.8
138	27.3	24.9	37.3

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

