

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111646.D
 Acq On : 20 Dec 2018 18:42
 Operator : JU/SJ
 Sample : J6346-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-10

Manual Integrations
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Sohil
 12/21/2018 2:46:48 PM

Quant Time: Dec 21 06:47:21 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	6.89	152	192429	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	721699	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	349916	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	594265	20.00	ng	0.00
76) Chrysene-d12	14.04	240	438737	20.00	ng	0.00
87) Perylene-d12	15.52	264	444786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	897791	79.53	ng	0.00
7) Phenol-d6	6.52	99	1168864	81.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	717016	57.83	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	294174	71.15	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1404932	58.52	ng	0.00
79) Terphenyl-d14	13.00	244	1099390	47.52	ng	0.00
Target Compounds						
10) Phenol	6.53	94	80376	4.958	ng	92
50) Dimethylphthalate	9.64	163	108181	4.228	ng	97
71) Phenanthrene	11.43	178	94261	2.991	ng	95
75) Fluoranthene	12.62	202	271371	8.503	ng	94
78) Pyrene	12.85	202	200332	6.466	ng	96
81) Benzo(a)anthracene	14.03	228	69227	2.765	ng	97
83) Chrysene	14.07	228	105686	4.295	ng	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	51511	2.462	ng	# 87
88) Benzo(b)fluoranthene	15.09	252	161013m	6.194	ng	
90) Benzo(a)pyrene	15.46	252	79783	3.378	ng	96
92) Benzo(a,h,i)perylene	17.44	276	49004	2.427	ng	# 88

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

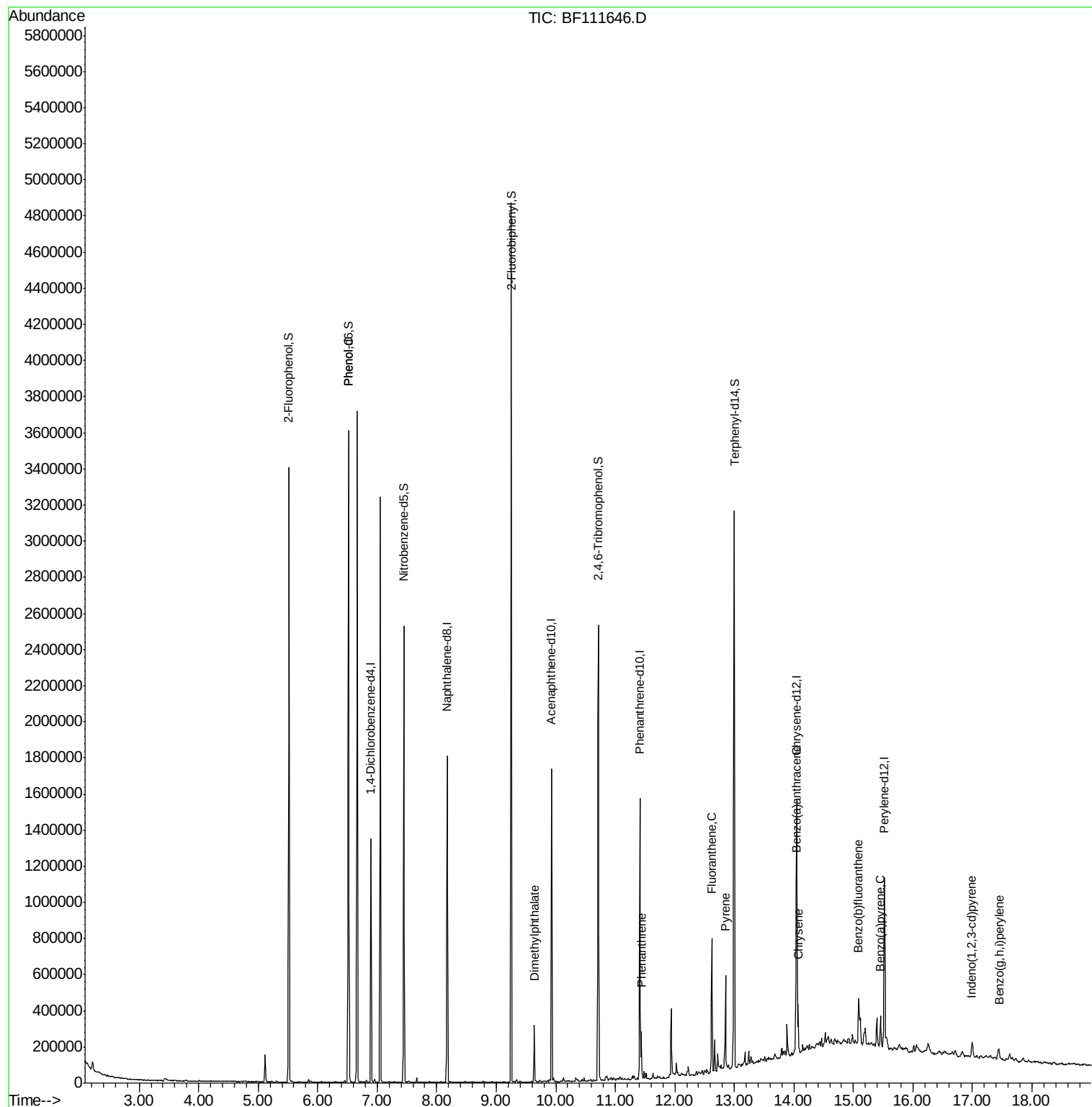
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111646.D
Acq On : 20 Dec 2018 18:42
Operator : JU/SJ
Sample : J6346-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

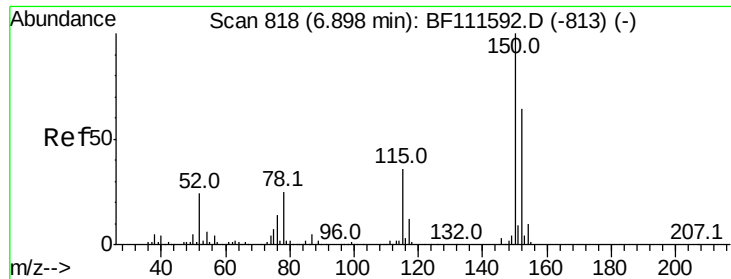
Instrument :
BNA_F
ClientSampleId :
DW-10

Manual Integrations
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Quant Time: Dec 21 06:47:21 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





#1

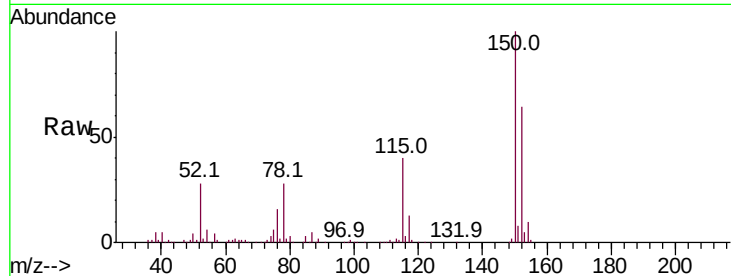
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampled :
DW-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	62.2	50.7	76.1

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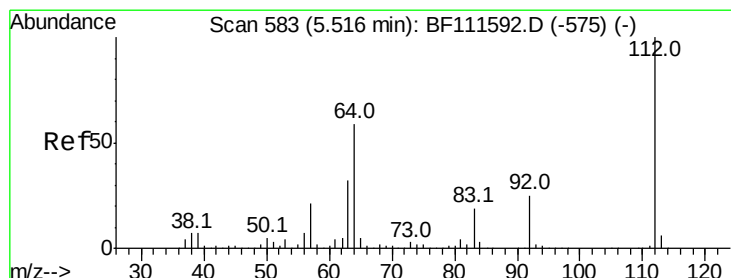
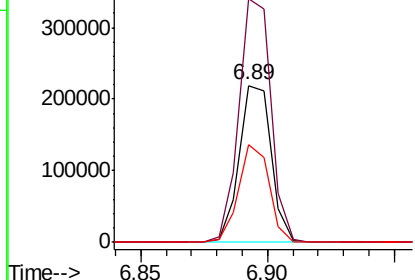
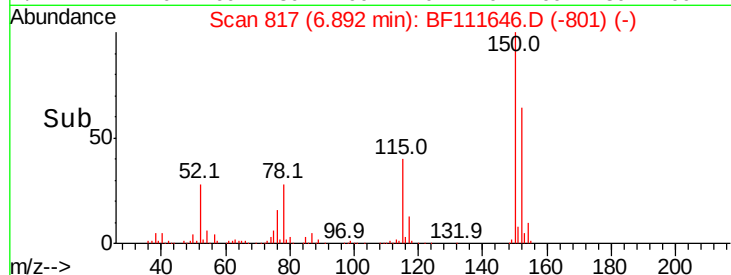


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

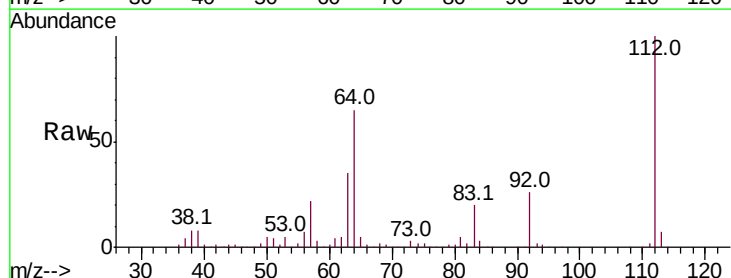
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.526 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.8	77.6
63	34.8	26.8	40.2

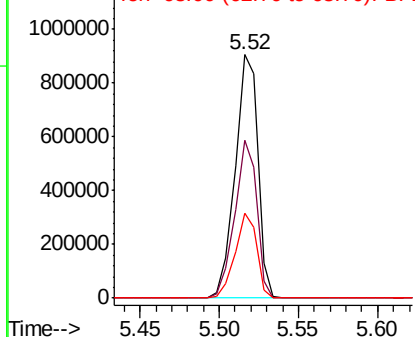
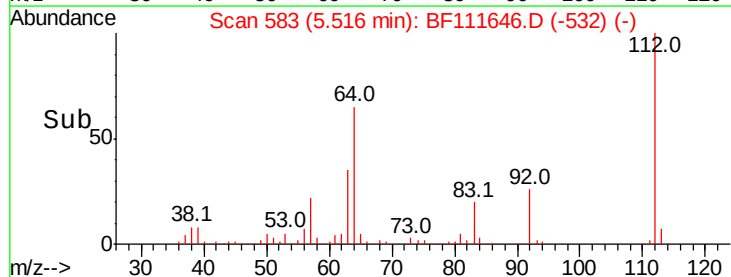


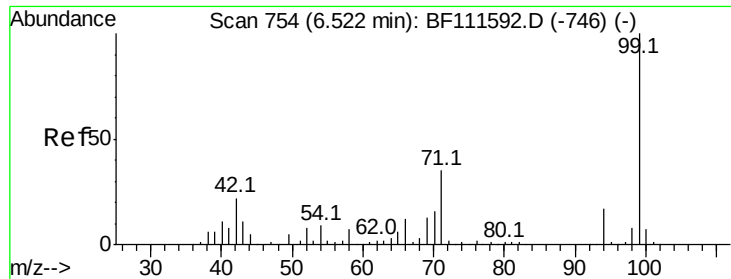
Abundance

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: 81.356 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111646.D

Acq: 20 Dec 2018 18:42

Instrument :

BNA_F

ClientSampled :

DW-10

Tot Ion: 99 Resp: 1168864

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

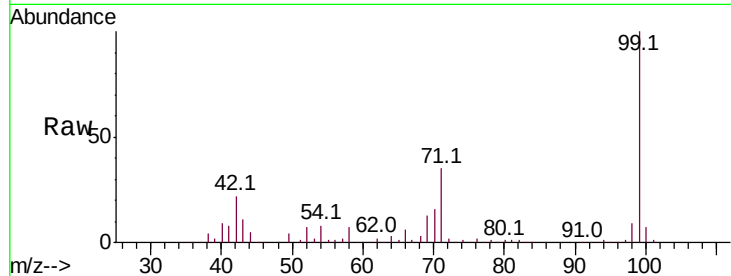
71 34.9 26.1 39.1

Manual Integrations

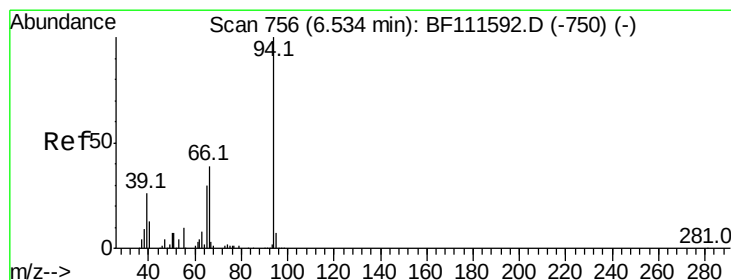
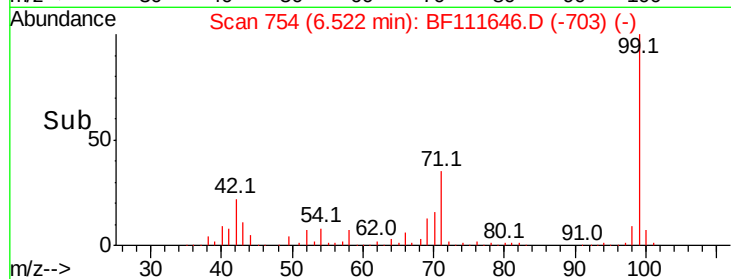
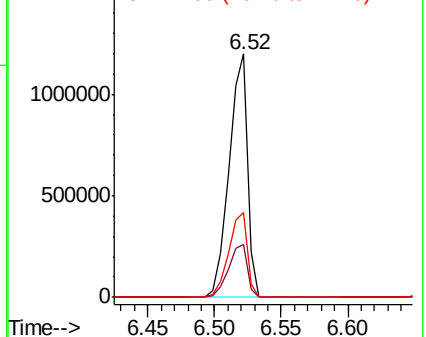
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.958 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111646.D

Acq: 20 Dec 2018 18:42

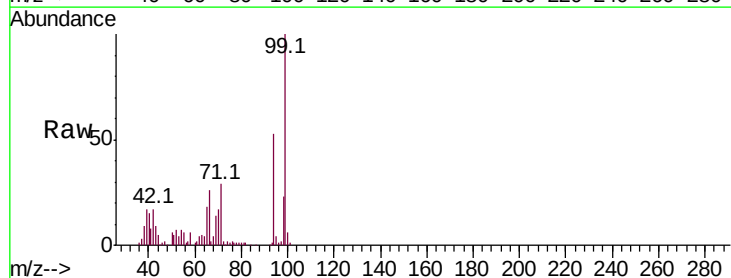
Tgt Ion: 94 Resp: 80376

Ion Ratio Lower Upper

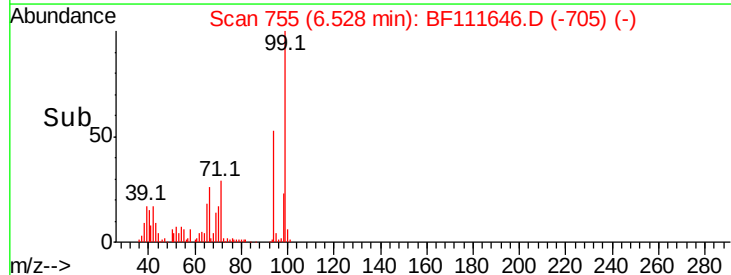
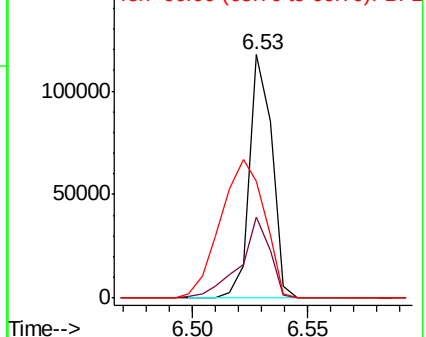
94 100

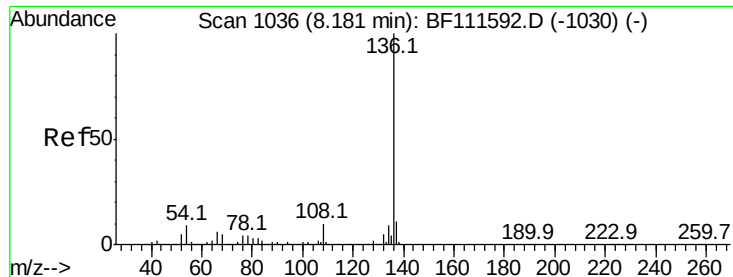
65 33.1 11.7 51.7

66 48.2 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111646.D

Acq: 20 Dec 2018 18:42

Instrument :

BNA_F

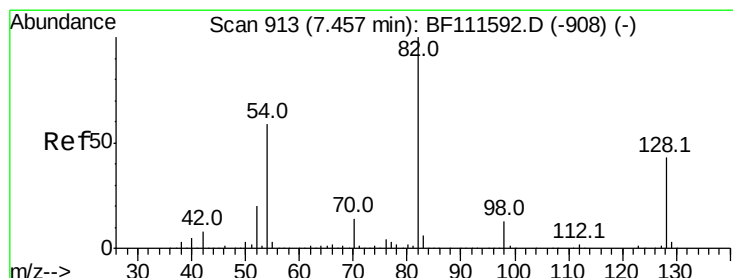
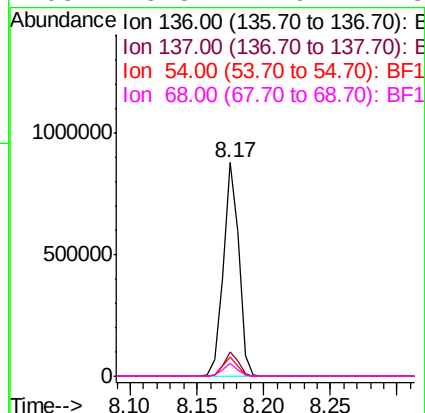
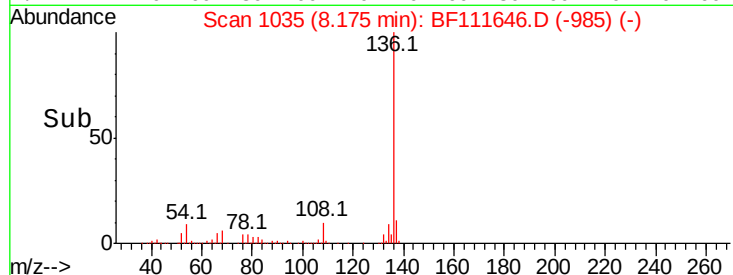
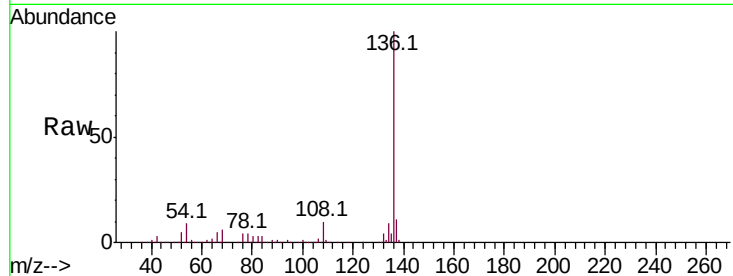
ClientSampleId :

DW-10

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	9.3	7.7	11.5	
68	5.8	4.9	7.3	

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#23

Nitrobenzene-d5

Concen: 57.830 ng

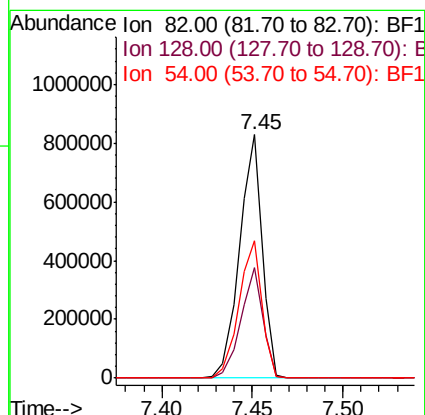
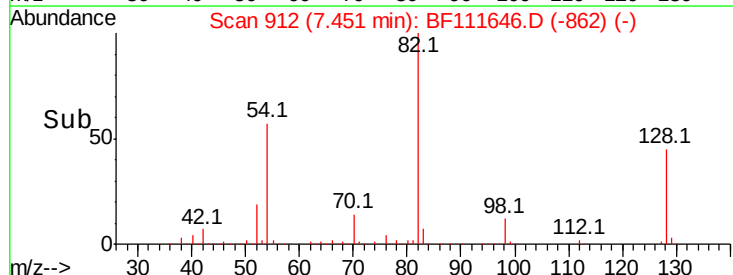
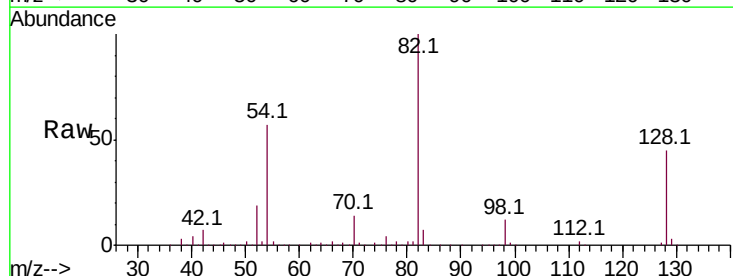
RT: 7.45 min Scan# 912

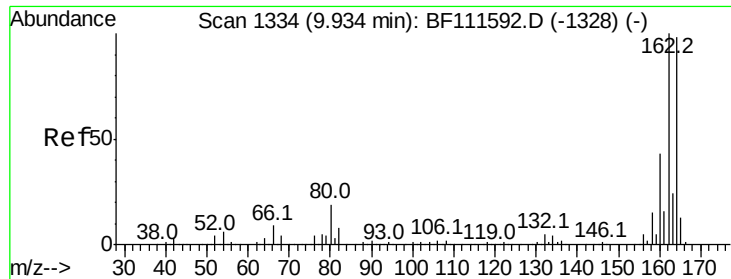
Delta R.T. -0.01 min

Lab File: BF111646.D

Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	37.4	56.2	
54	56.5	47.6	71.4	





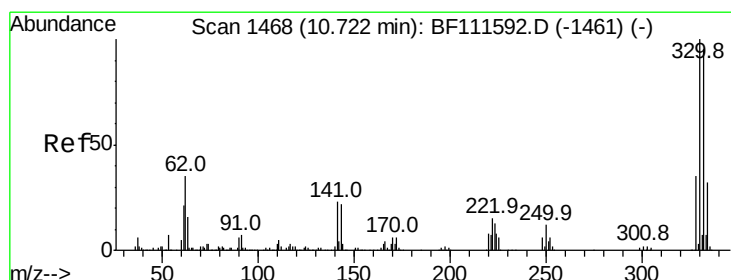
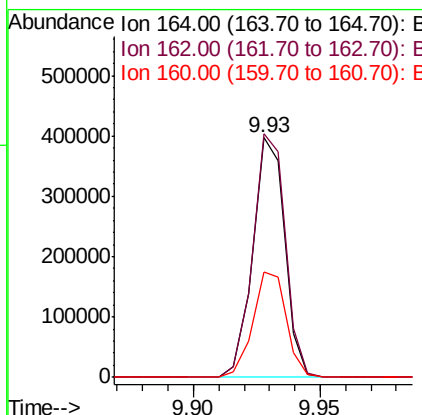
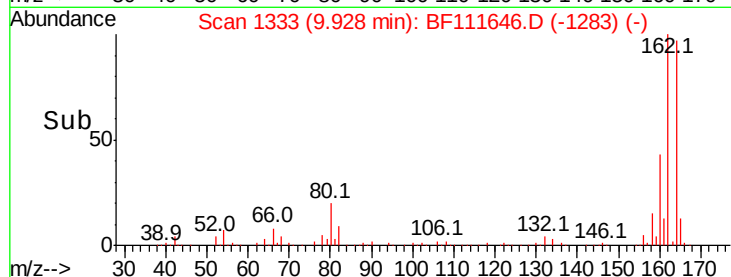
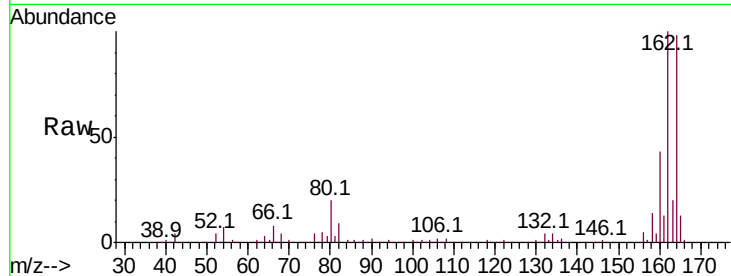
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampleId :
DW-10

Tot Ion	Ratio	Resp	Lower	Upper
164	100	349916		
162	101.7	81.4	122.0	
160	43.8	35.7	53.5	

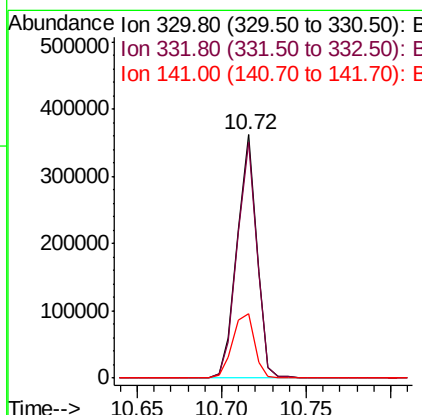
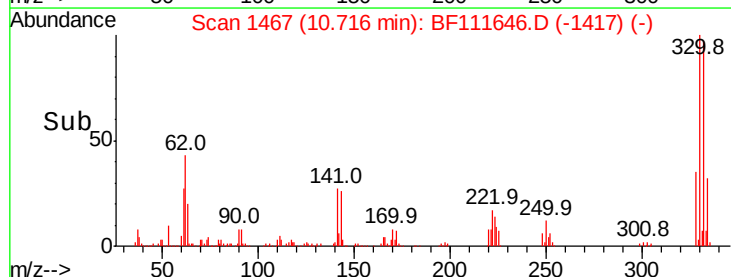
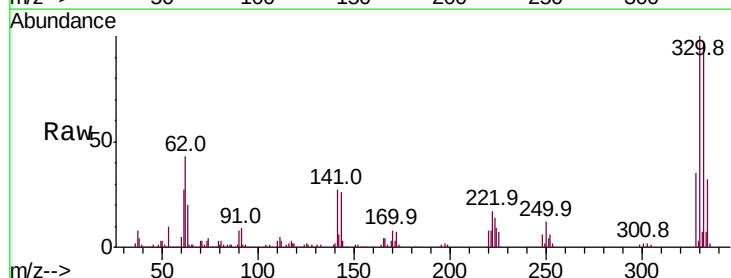
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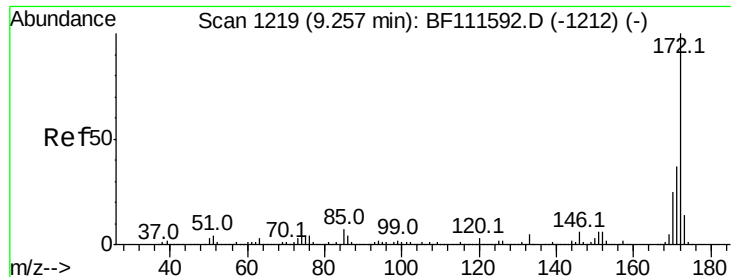
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#42
2,4,6-Tribromophenol
Concen: 71.151 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	294174		
332	97.2	76.0	114.0	
141	29.4	31.0	46.6#	





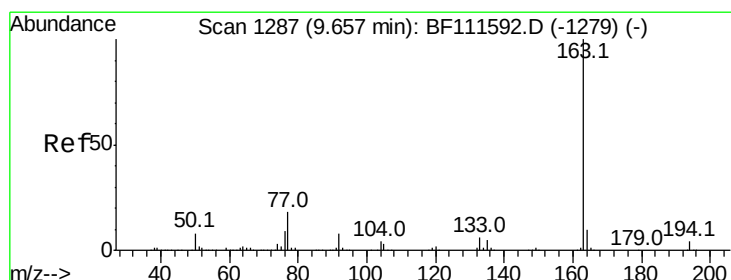
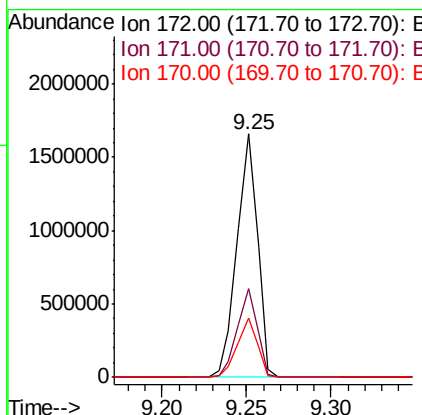
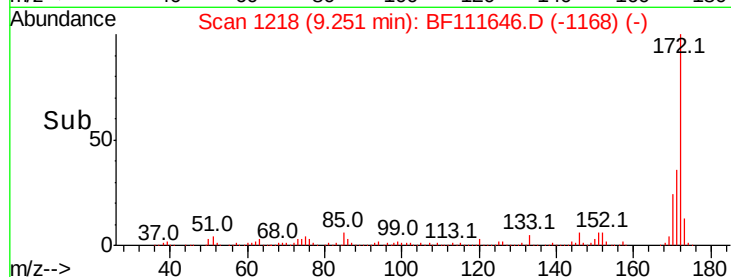
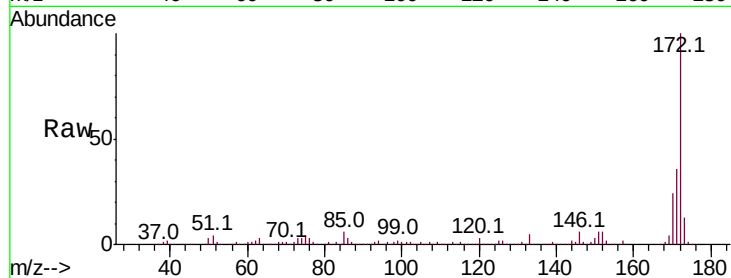
#45
2-Fluorobiphenyl
Concen: 58.522 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampled :
DW-10

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	33.0	49.4
170	24.2	22.3	33.5

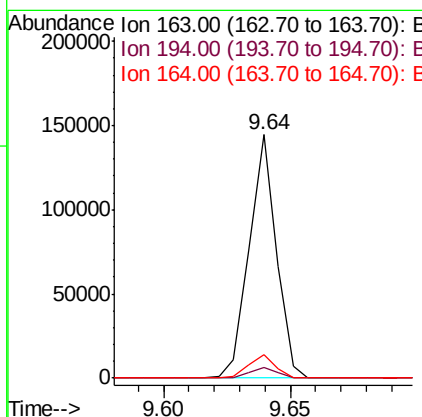
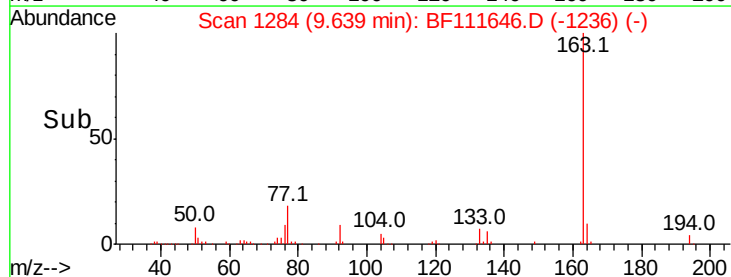
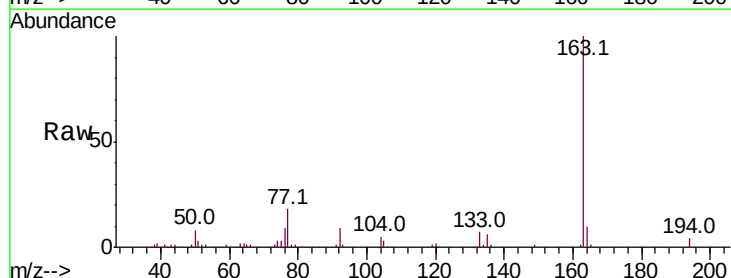
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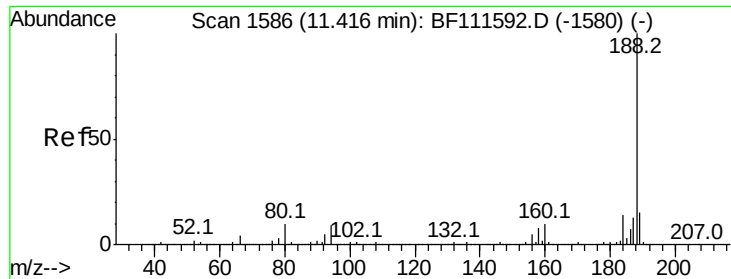
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#50
Dimethylphthalate
Concen: 4.228 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.5	8.9	13.3





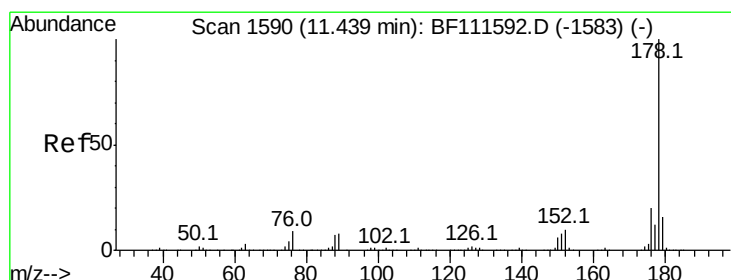
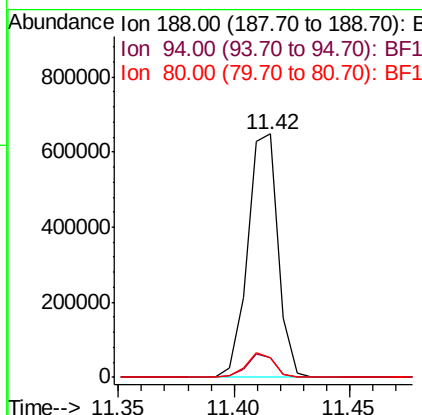
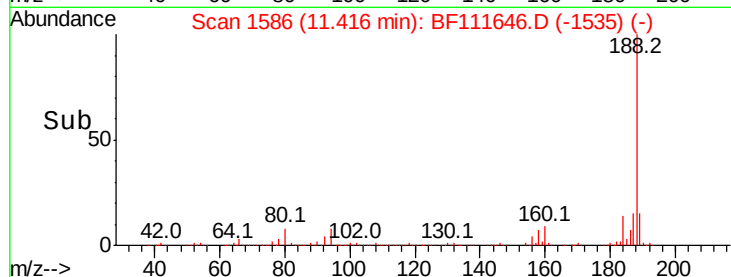
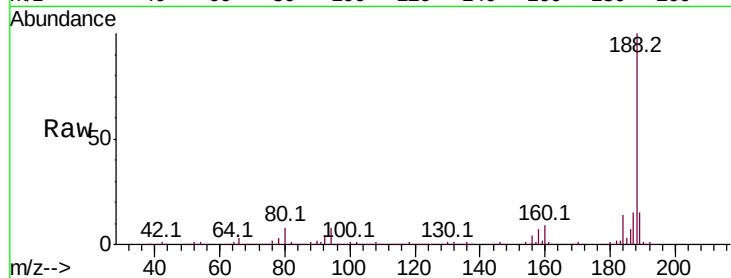
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111646.D
 Acq: 20 Dec 2018 18:42

Instrument :
 BNA_F
 ClientSampled :
 DW-10

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	8.0	9.8	14.6#

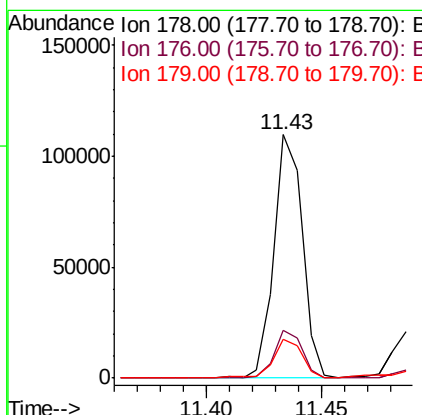
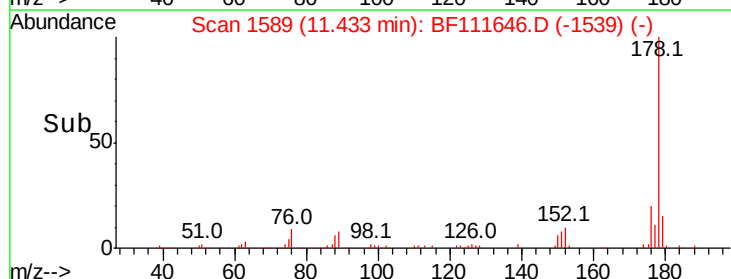
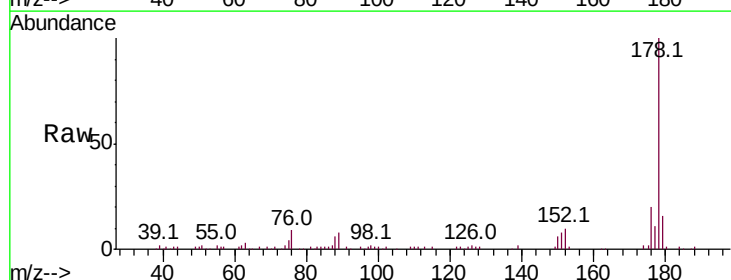
Manual Integrations
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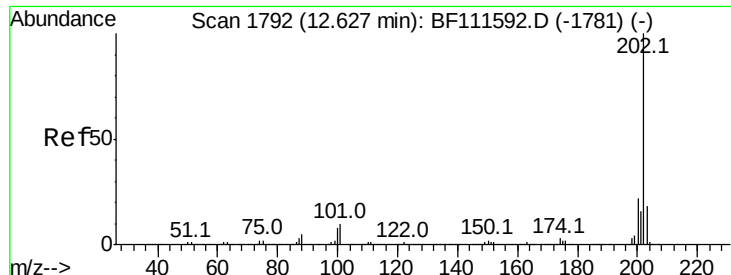
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#71
 Phenanthrene
 Concen: 2.991 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF111646.D
 Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	18.1	27.1
179	15.9	14.0	21.0





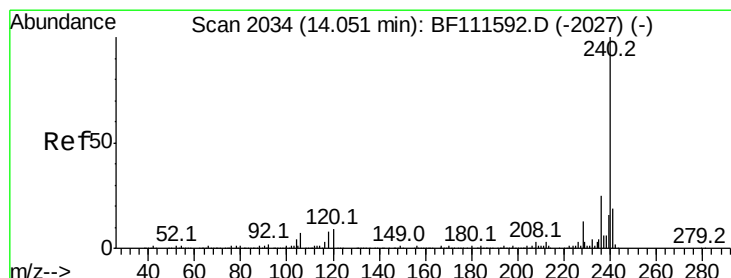
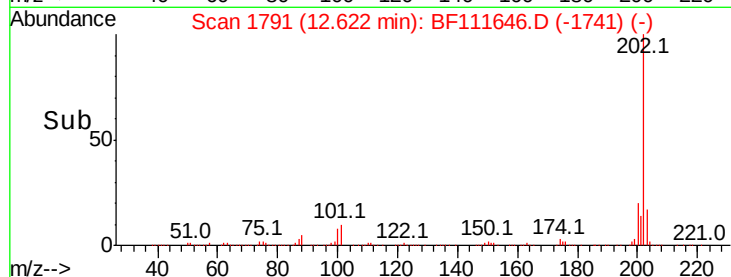
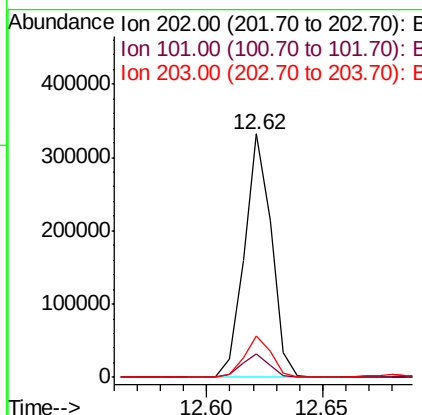
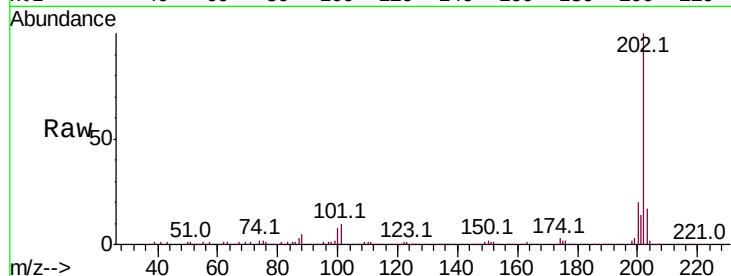
#75
Fluoranthene
Concen: 8.503 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampleId :
DW-10

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	33.8
203	17.1	0.0	38.6

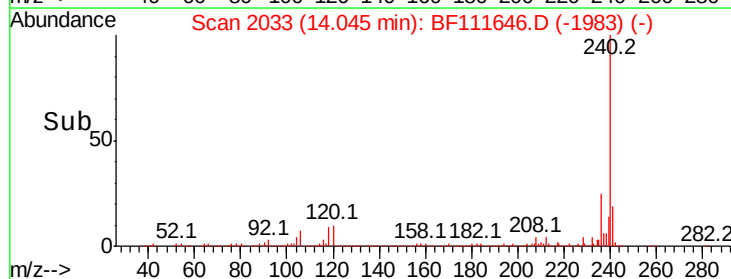
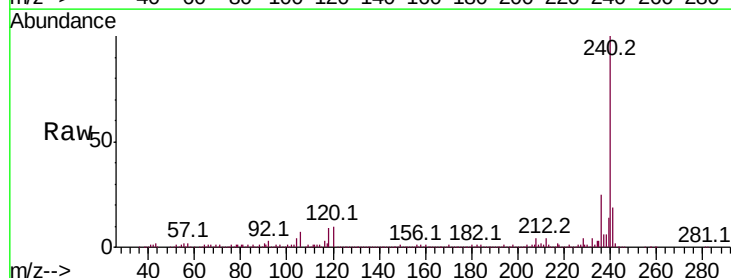
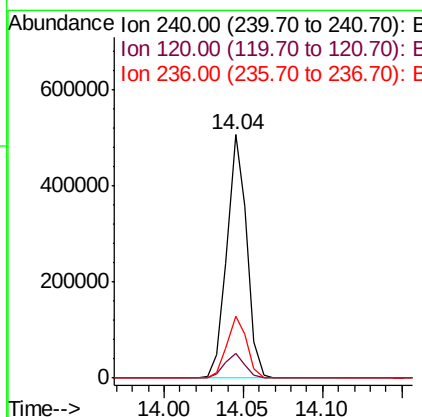
Manual Integrations
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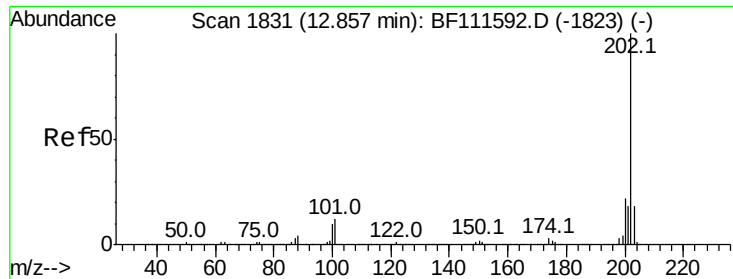
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.9	12.2	18.2#
236	25.2	20.2	30.2





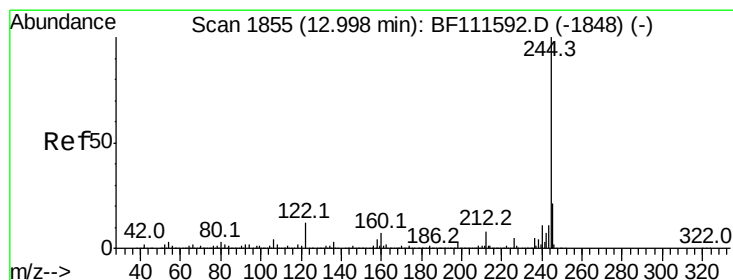
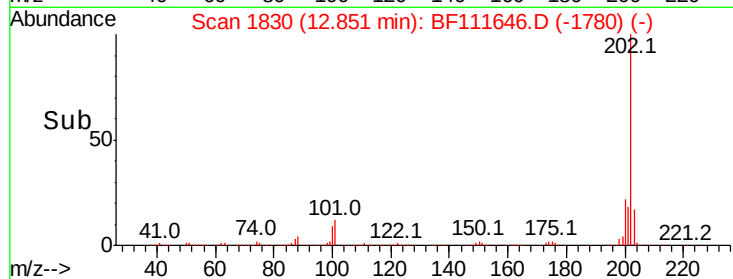
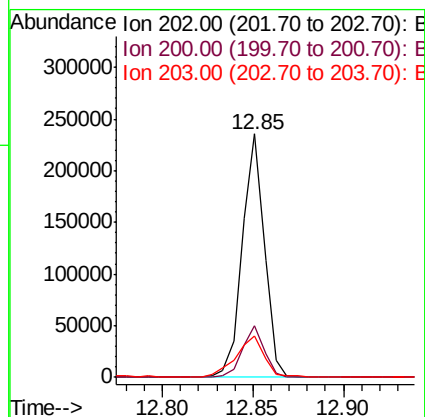
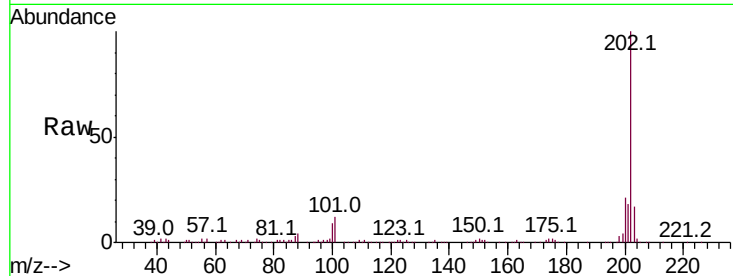
#78
Pvrene
Concen: 6.466 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampleId :
DW-10

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	19.0	28.4
203	17.2	15.2	22.8

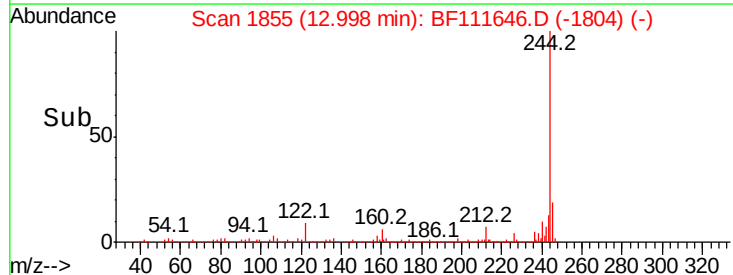
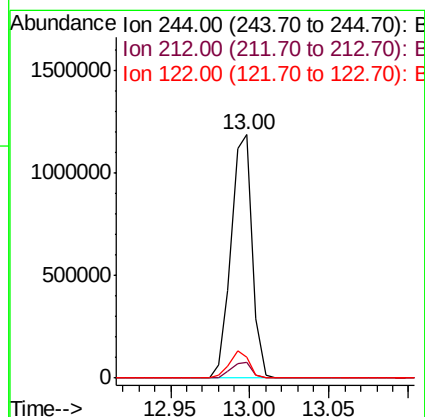
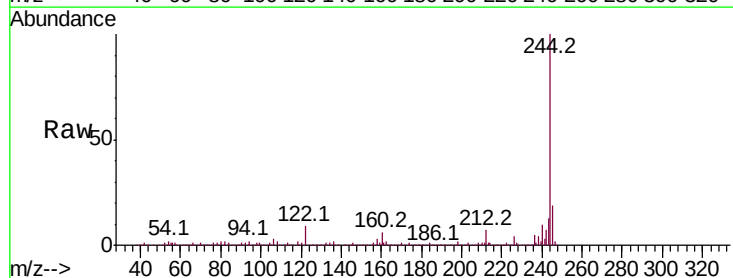
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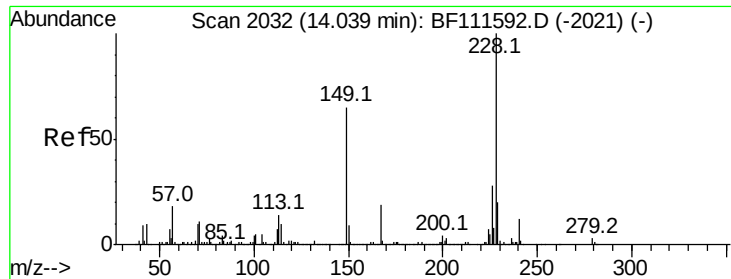
Sohil
12/21/2018 2:46:48 PM



#79
Terphenyl-d14
Concen: 47.521 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.7	8.5
122	8.8	13.1	19.7#





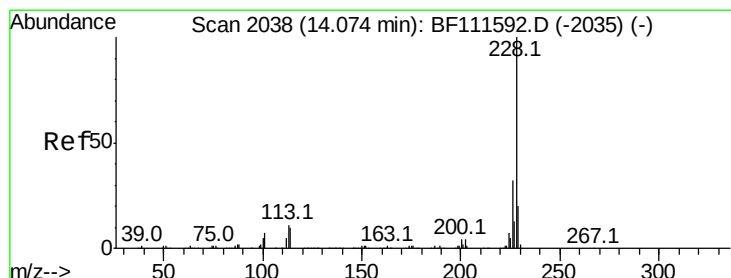
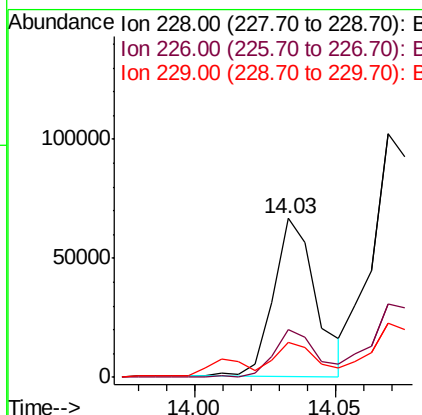
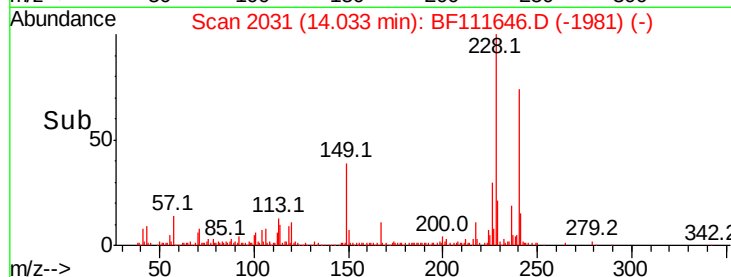
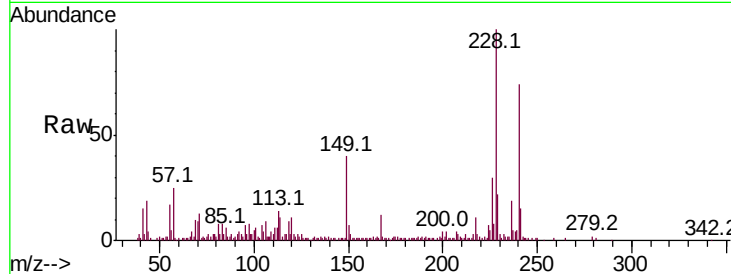
#81
Benzo(a)anthracene
Concen: 2.765 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampleId :
DW-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	34.0
229	21.7	16.3	24.5

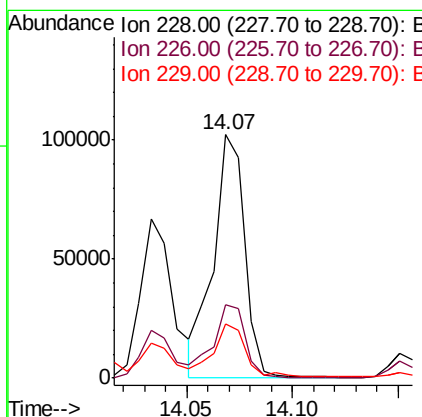
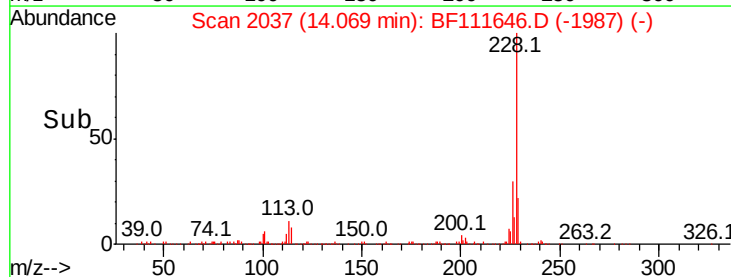
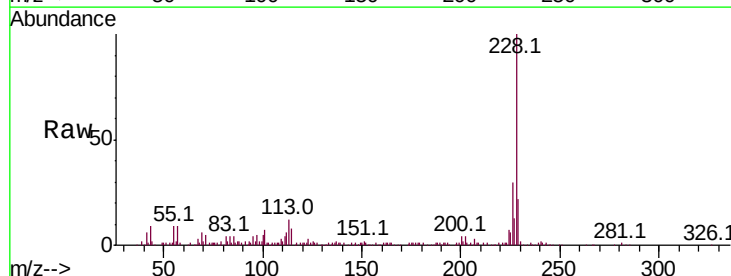
Manual Integrations
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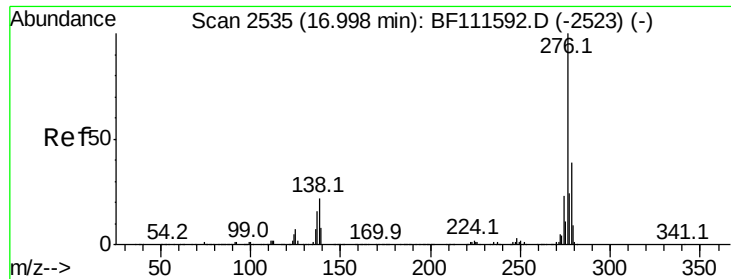
Sohil
12/21/2018 2:46:48 PM



#83
Chrysene
Concen: 4.295 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.3	37.9
229	22.3	17.2	25.8





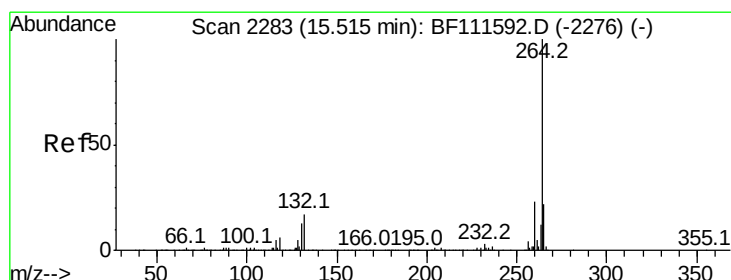
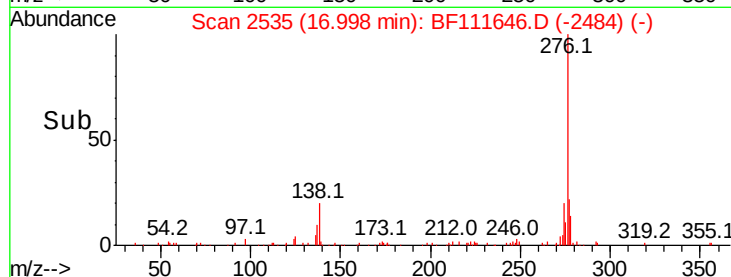
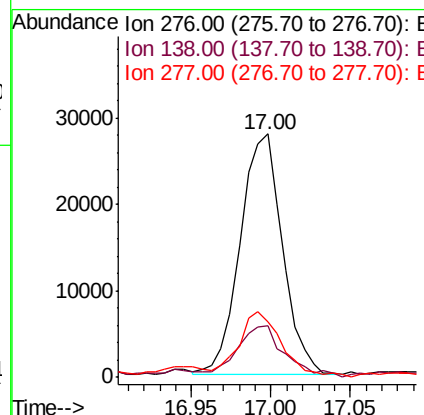
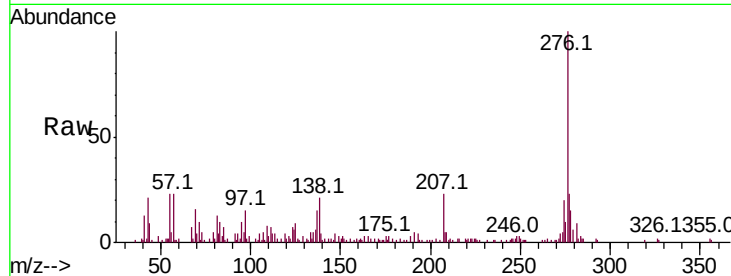
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.462 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.00 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampleId :
DW-10

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	27.8	41.6#
277	28.0	20.1	30.1

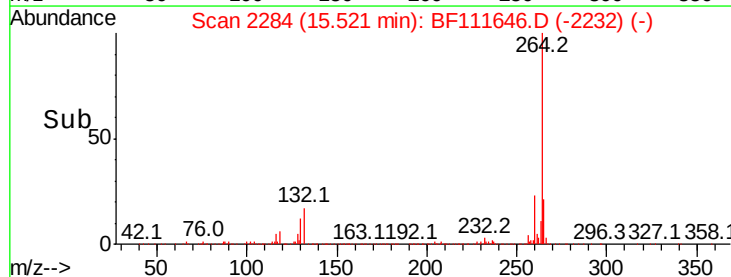
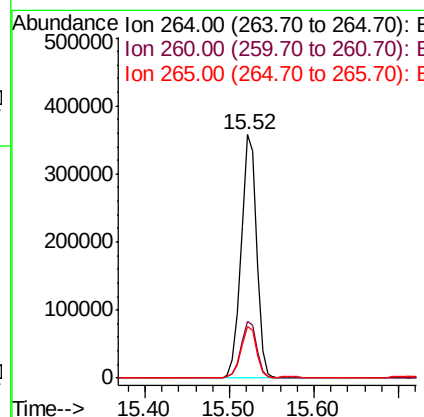
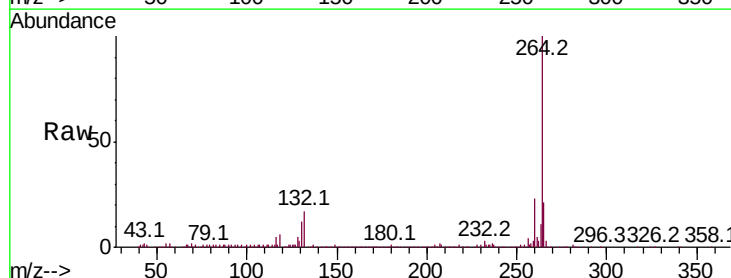
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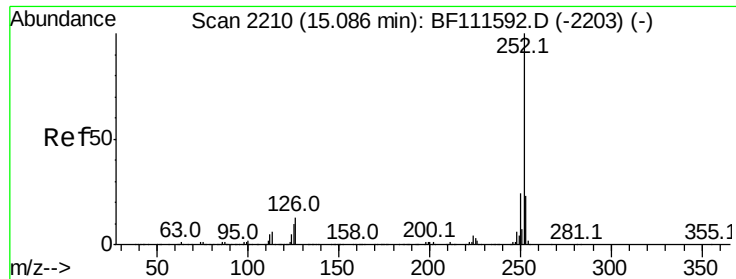
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.2	17.7	26.5





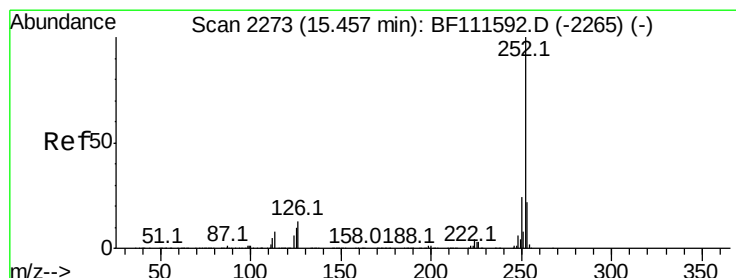
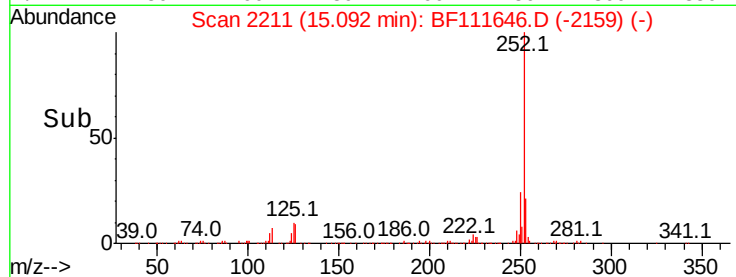
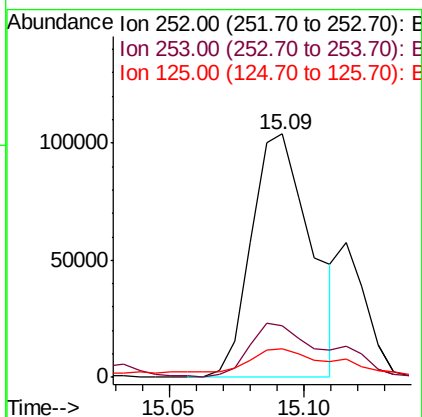
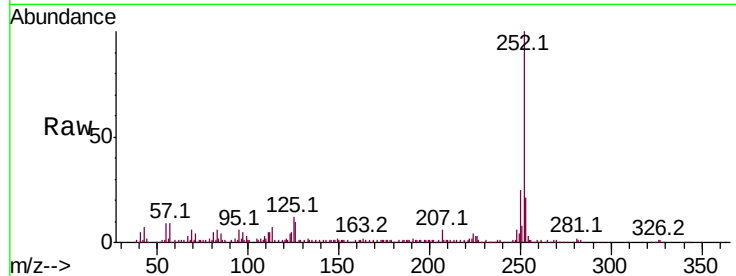
#88
Benzo(b)fluoranthene
Concen: 6.194 ng/mL
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Instrument :
BNA_F
ClientSampleID :
DW-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	11.6	10.4	15.6

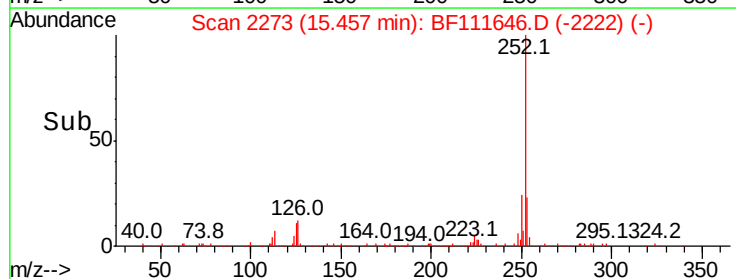
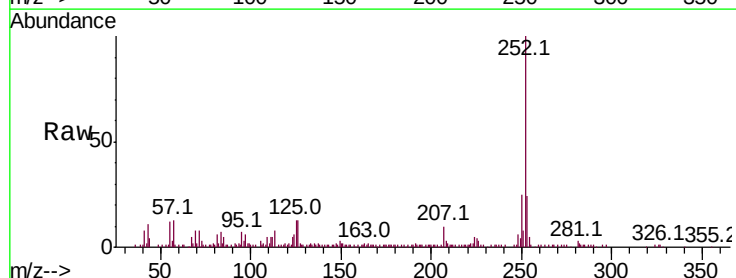
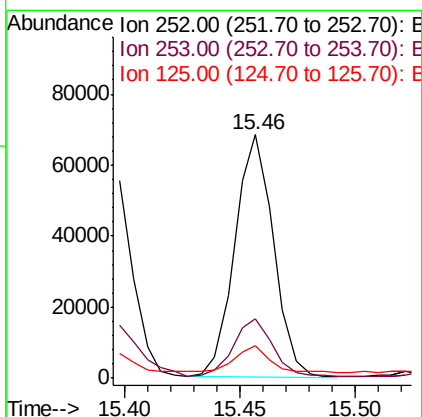
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APPROVED

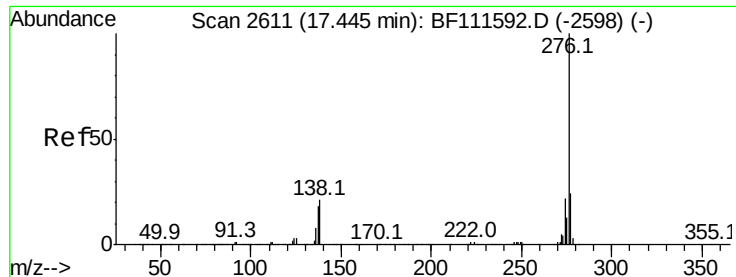
Sohil
12/21/2018 2:46:48 PM



#90
Benzo(a)pyrene
Concen: 3.378 ng/mL
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF111646.D
Acq: 20 Dec 2018 18:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	13.4	12.3	18.5





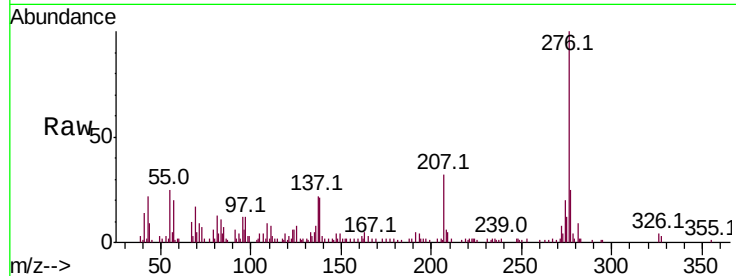
#92
 Benzo(a,h,i)perylene
 Concen: 2.427 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF111646.D
 Acq: 20 Dec 2018 18:42

Instrument :
 BNA_F
 ClientSampleId :
 DW-10

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	20.6	24.9	37.3

Manual Integrations
 APPROVED

Sohil
 12/21/2018 2:46:48 PM



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

