

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111683.D
 Acq On : 21 Dec 2018 13:16
 Operator : JU/SJ
 Sample : J6378-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:10:37 PM

Quant Time: Dec 21 23:04:39 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	191387	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	742376	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	366408	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	624286	20.00	ng	0.00
76) Chrysene-d12	14.05	240	452405	20.00	ng	0.00
87) Perylene-d12	15.53	264	408662	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1272644	113.34	ng	0.00
7) Phenol-d6	6.53	99	1672992	117.08	ng	0.00
23) Nitrobenzene-d5	7.46	82	1074972	84.29	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	454154	104.90	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1662200	66.12	ng	0.00
79) Terphenyl-d14	13.00	244	1217246	51.03	ng	0.00
Target Compounds						
10) Phenol	6.53	94	104061	6.454	ng	92
50) Dimethylphthalate	9.64	163	117604	4.389	ng	98
75) Fluoranthene	12.62	202	89272	2.663	ng	96
78) Pyrene	12.85	202	77690	2.432	ng	96
81) Benzo(a)anthracene	14.04	228	86430	3.348	ng	99
83) Chrysene	14.07	228	98573	3.885	ng	95
86) Indeno(1,2,3-cd)pyrene	17.00	276	77509	3.593	ng	# 88
88) Benzo(b)fluoranthene	15.09	252	200586m	8.398	ng	
90) Benzo(a)pyrene	15.46	252	111533m	5.140	ng	
92) Benzo(g,h,i)perylene	17.45	276	70112m	3.779	ng	

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

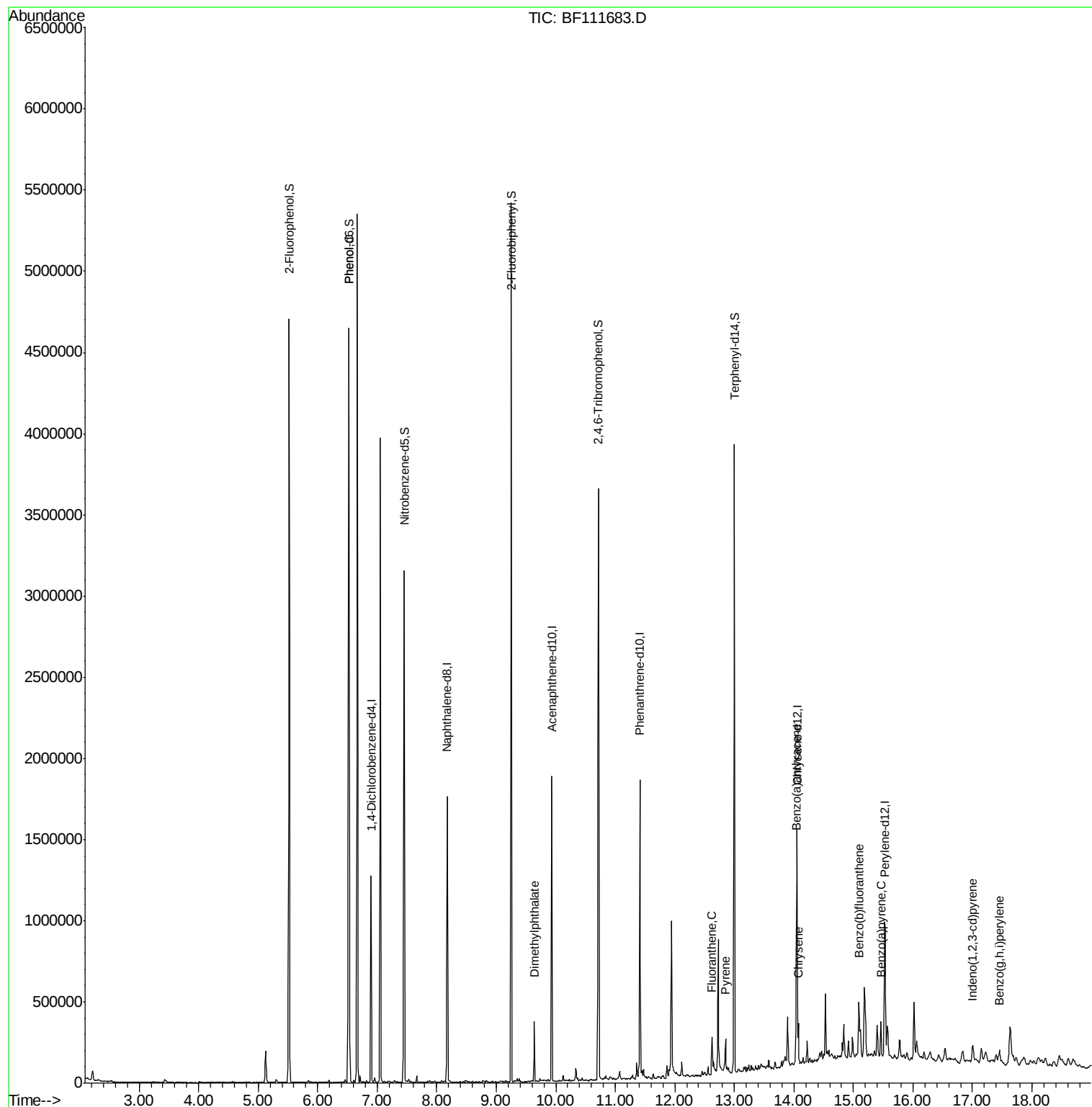
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
Data File : BF111683.D
Acq On : 21 Dec 2018 13:16
Operator : JU/SJ
Sample : J6378-16
Misc :
ALS Vial : 4 Sample Multiplier: 1

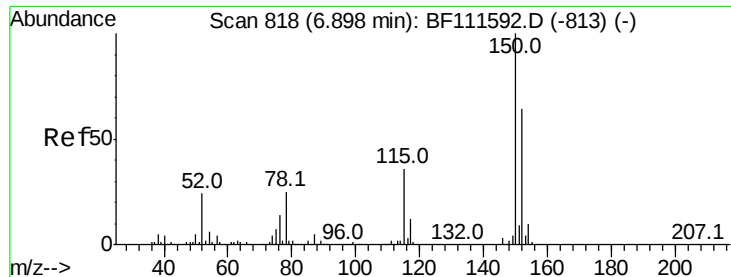
Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

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Quant Time: Dec 21 23:04:39 2018
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

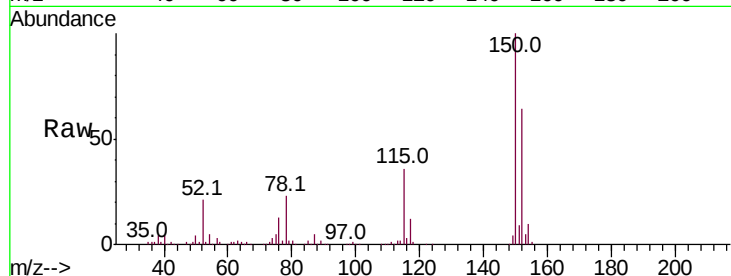
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	55.9	50.7	76.1

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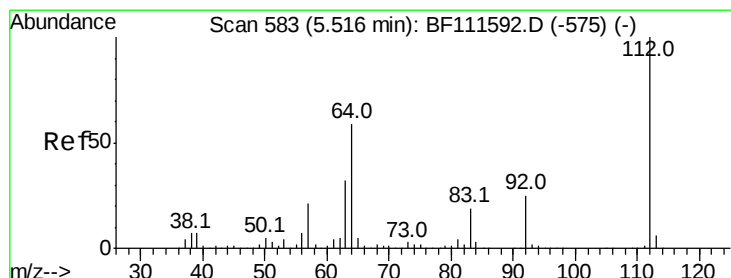
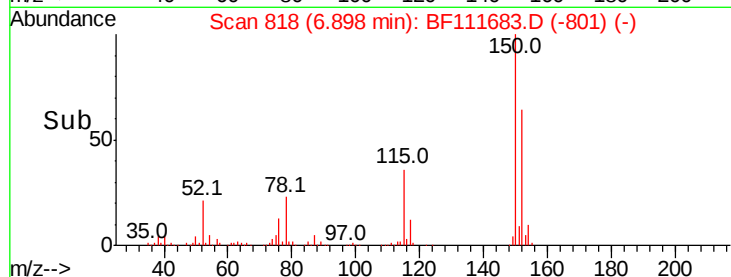
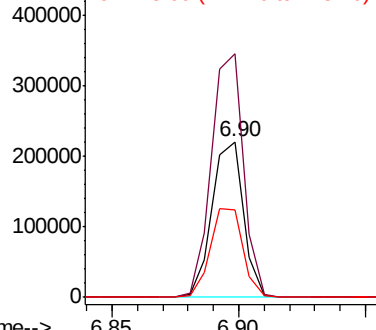


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

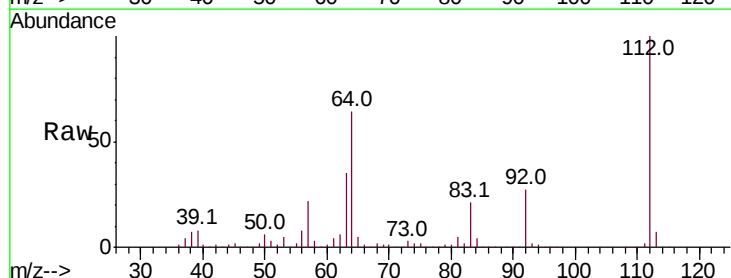
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.344 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	51.8	77.6
63	35.3	26.8	40.2

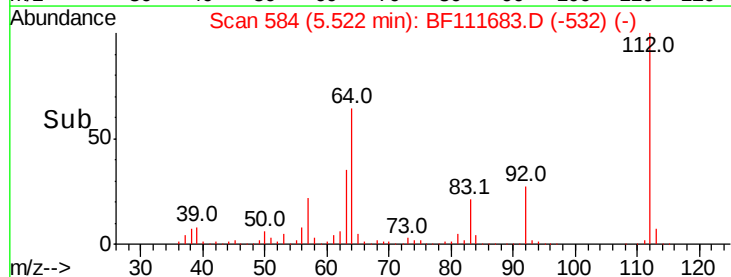
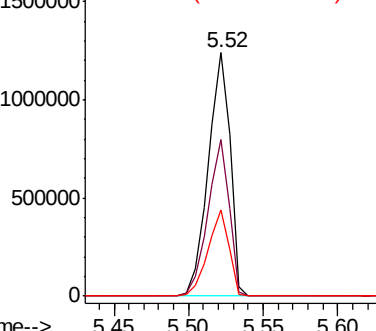


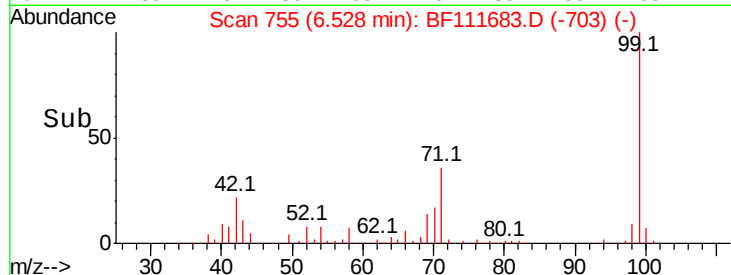
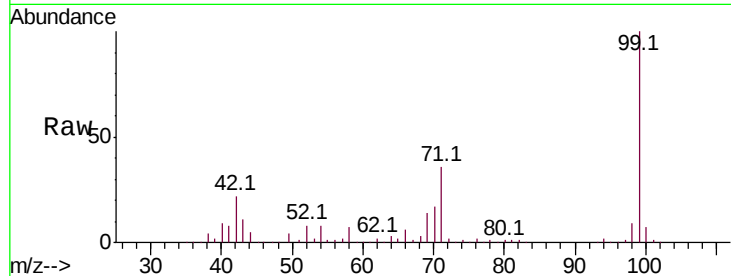
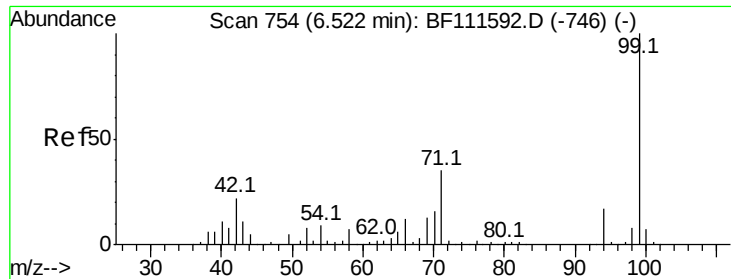
Abundance

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: 117.079 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111683.D

Acq: 21 Dec 2018 13:16

Tot Ion: 99 Resp: 1672992

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

71 35.9 26.1 39.1

Instrument :

BNA_F

ClientSampleId :

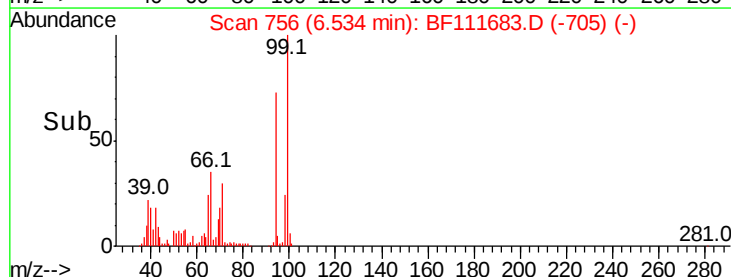
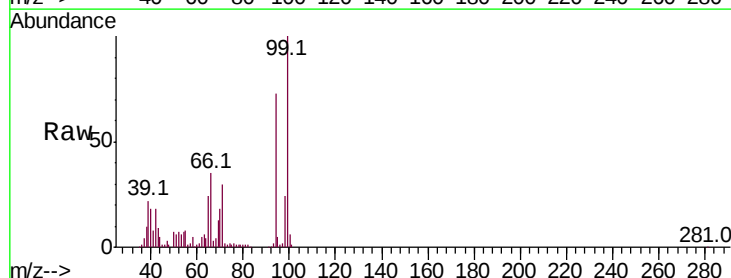
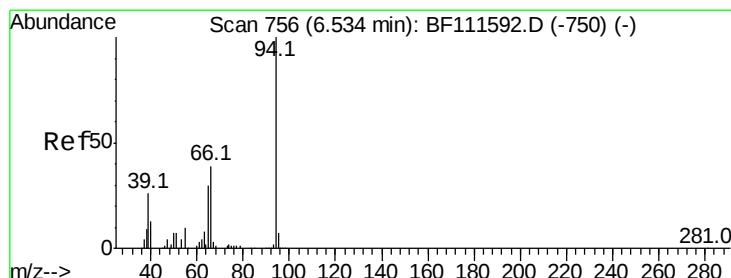
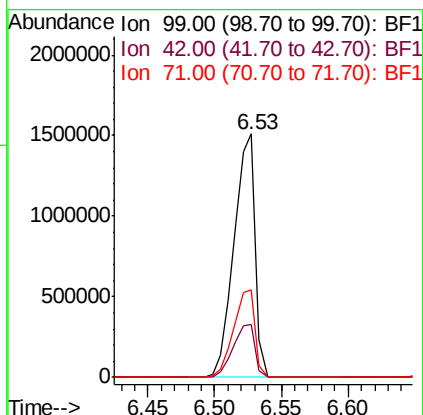
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#10

Phenol

Concen: 6.454 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111683.D

Acq: 21 Dec 2018 13:16

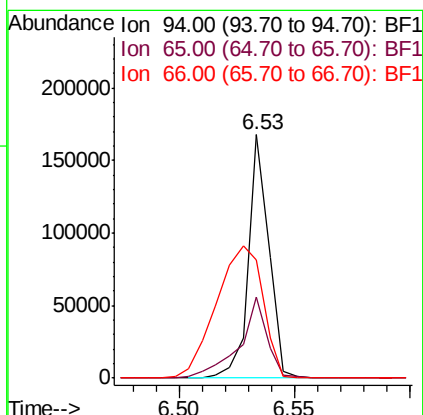
Tgt Ion: 94 Resp: 104061

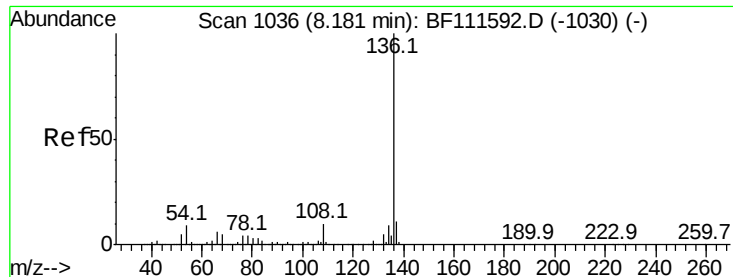
Ion Ratio Lower Upper

94 100

65 33.5 11.7 51.7

66 48.3 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: BF111683.D

Acq: 21 Dec 2018 13:16

Instrument :

BNA_F

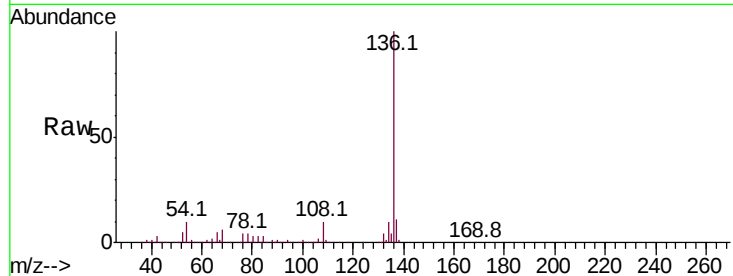
ClientSampleId :

P001-SS001-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	9.6	7.7	11.5	
68	5.6	4.9	7.3	

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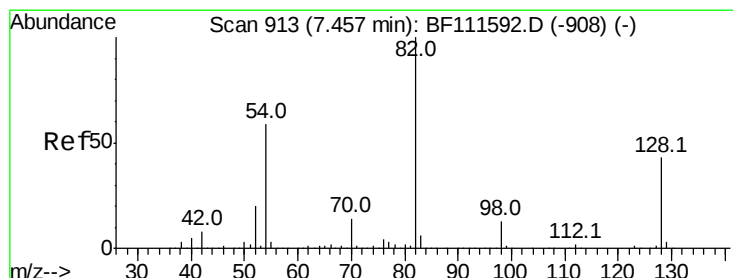
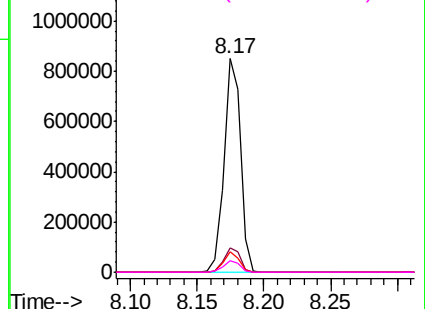
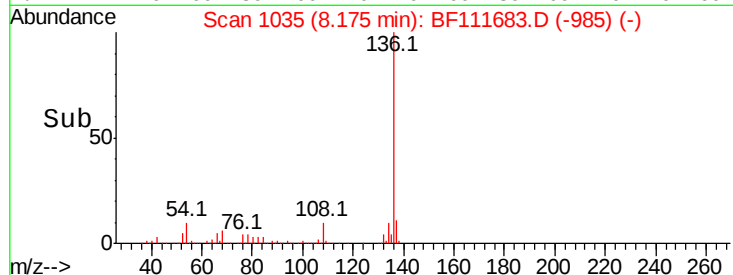
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 84.286 ng

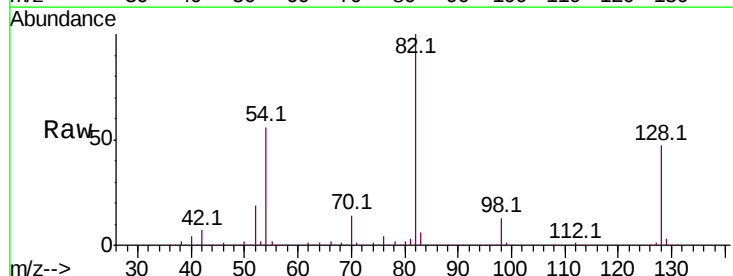
RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111683.D

Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	37.4	56.2	
54	55.8	47.6	71.4	

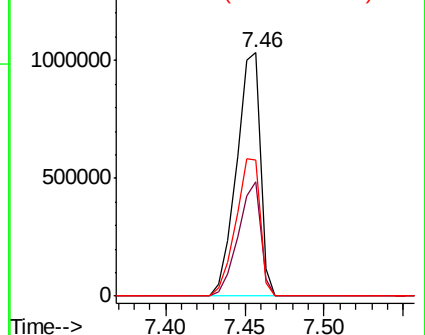
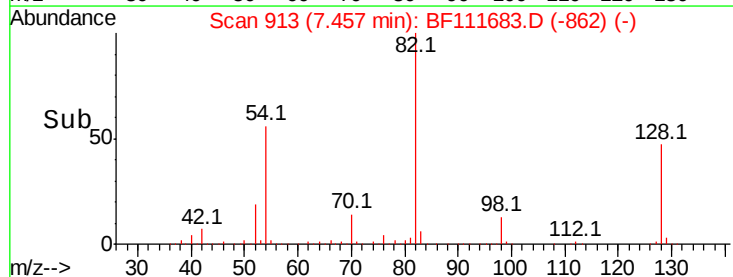


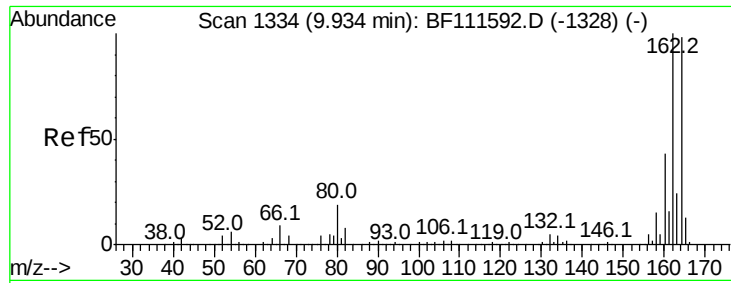
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





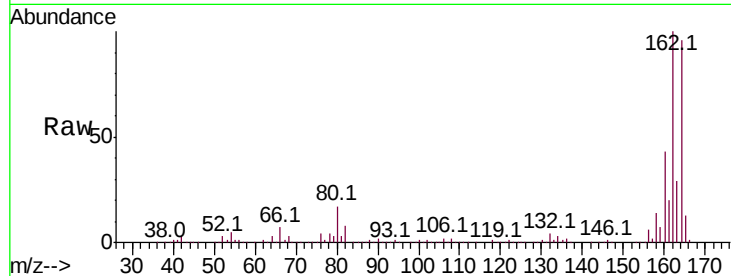
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	81.4	122.0	
160	44.9	35.7	53.5	

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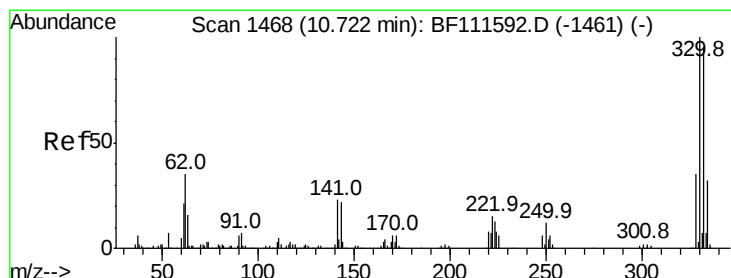
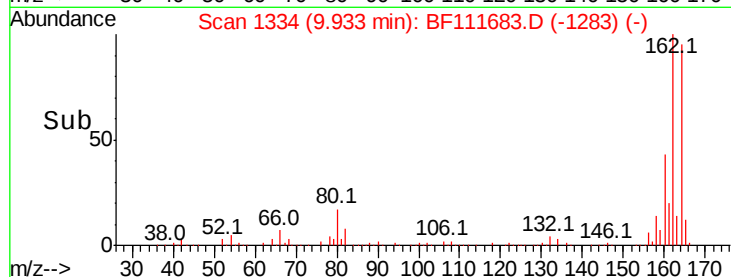
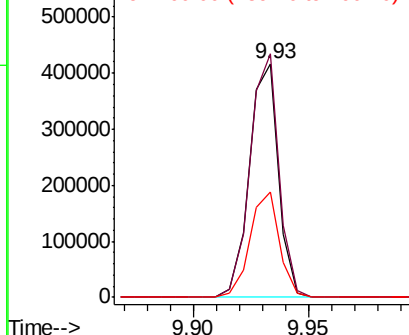


Abundance

Ion 164.00 (163.70 to 164.70): E

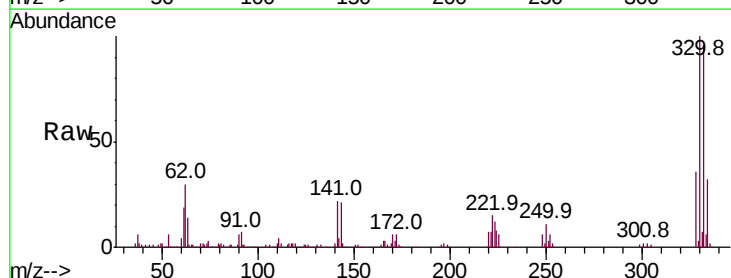
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 104.900 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.0	114.0	
141	29.9	31.0	46.6	

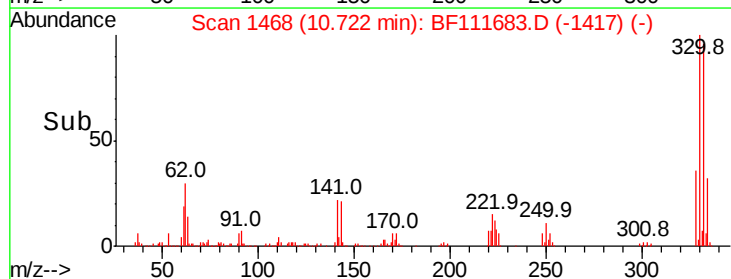
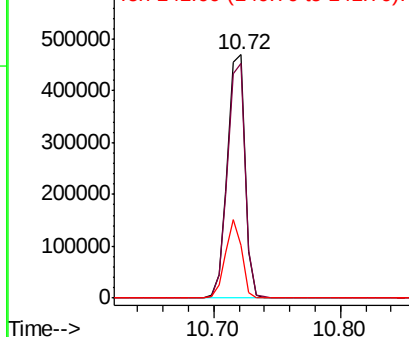


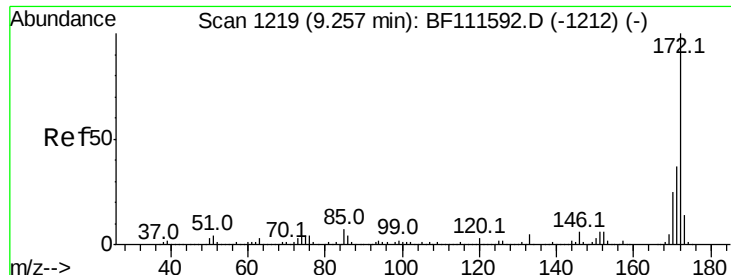
Abundance

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





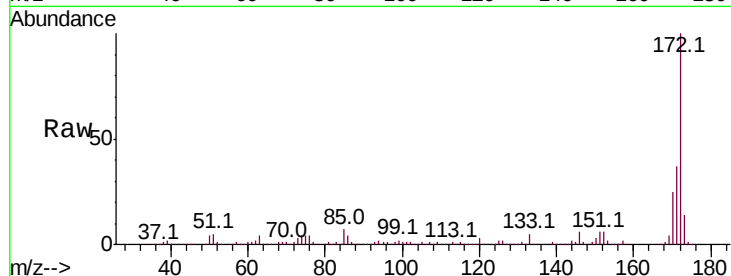
#45
2-Fluorobiphenyl
Concen: 66.123 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	33.0	49.4
170	24.6	22.3	33.5

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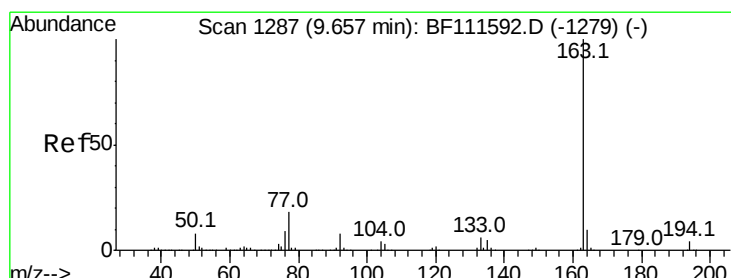
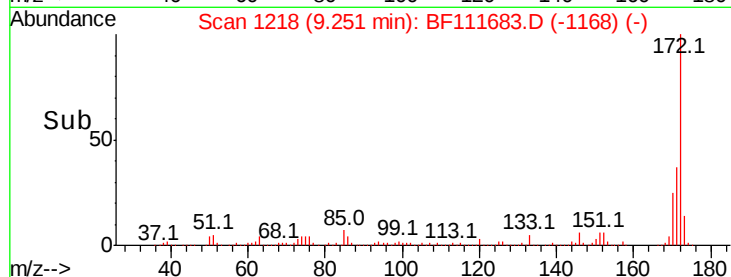
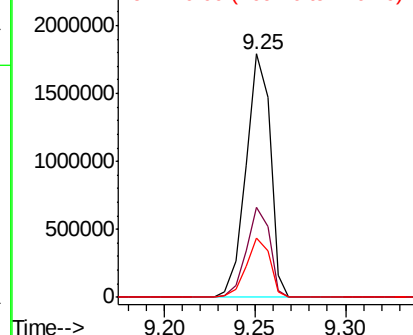


Abundance

Ion 172.00 (171.70 to 172.70): E

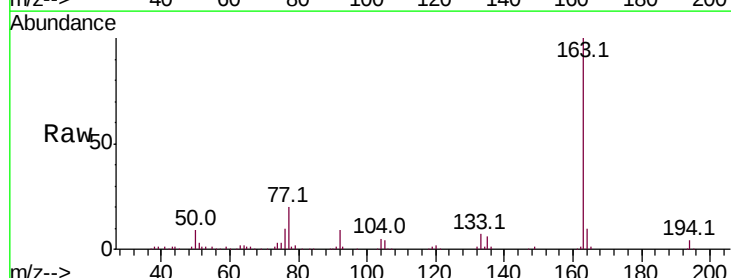
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.389 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.2	8.9	13.3

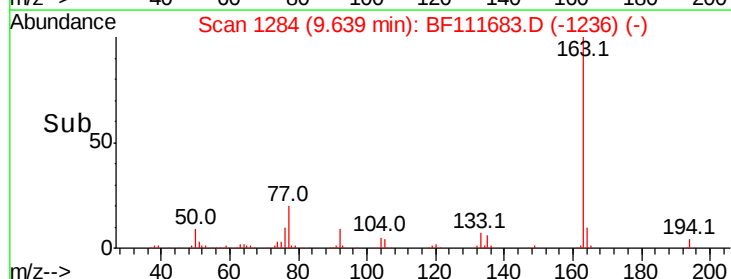
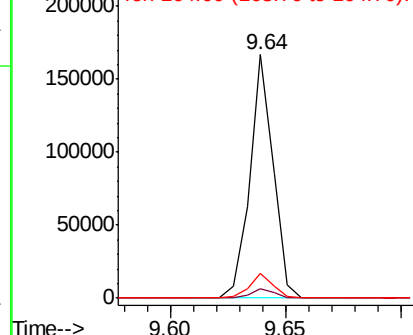


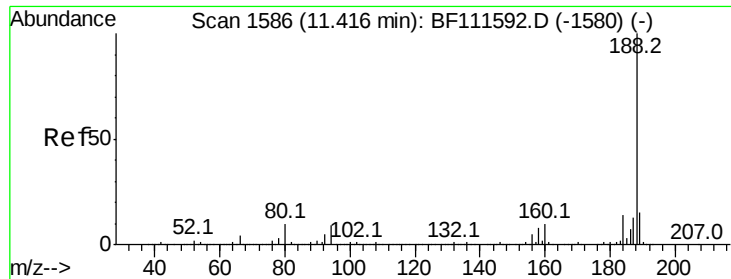
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





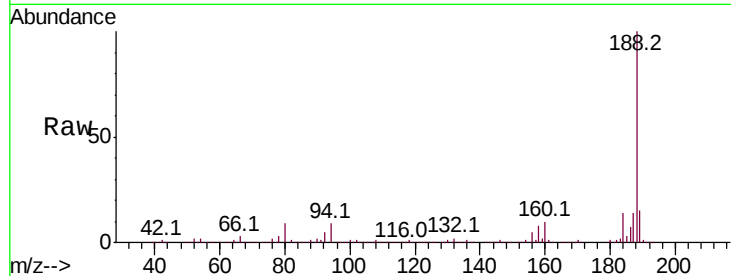
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

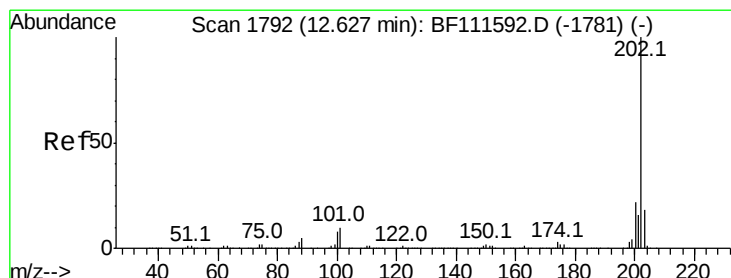
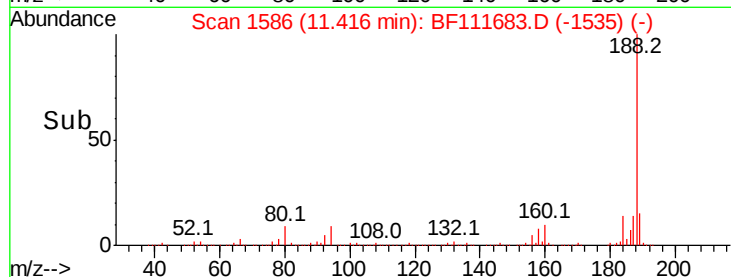
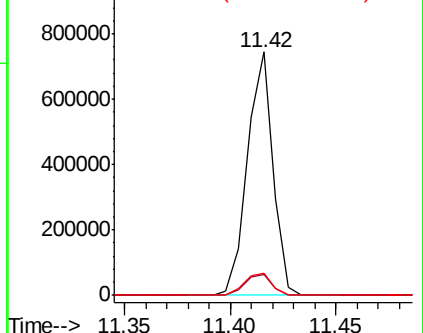
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.3	9.8	14.6#

Manual Integrations
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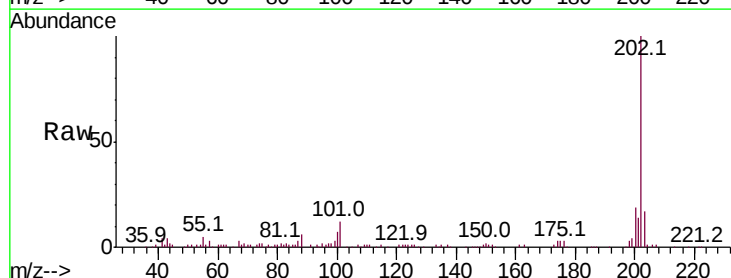


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

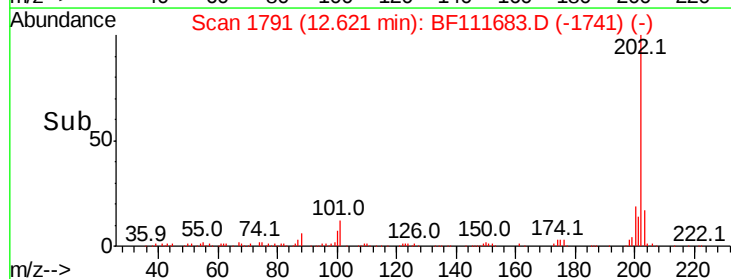
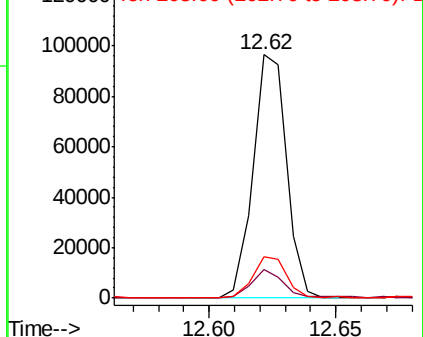


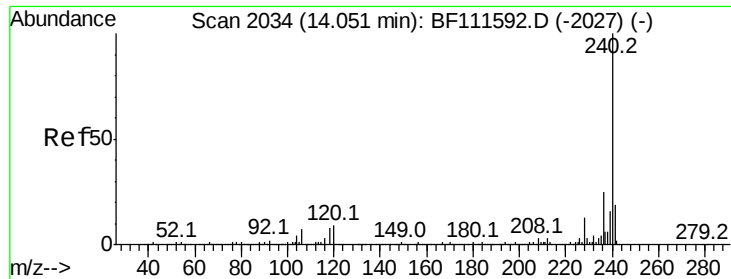
#75
Fluoranthene
Concen: 2.663 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	33.8
203	16.8	0.0	38.6



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





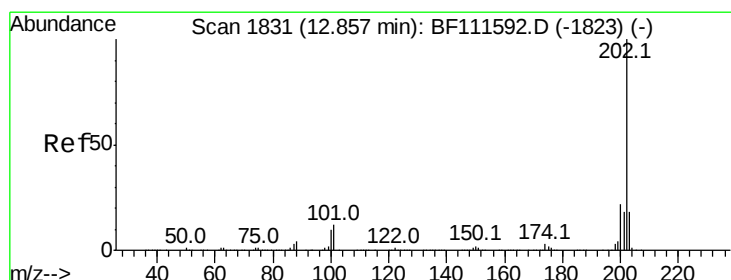
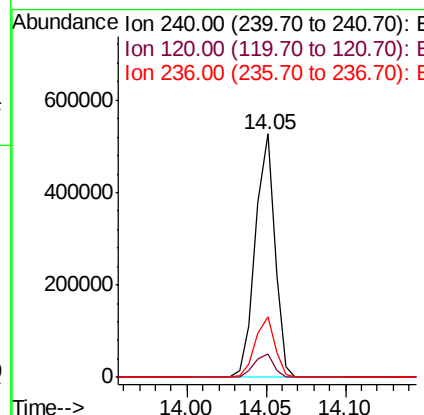
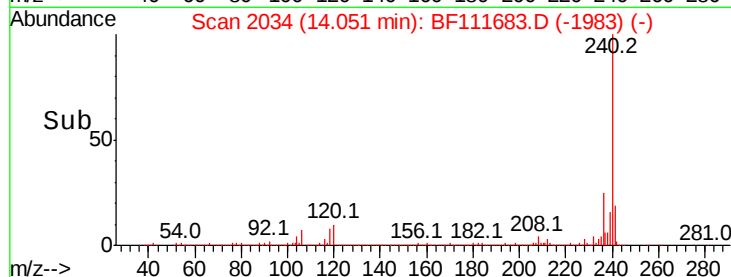
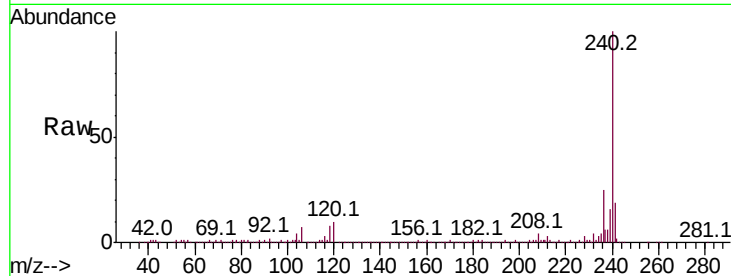
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion	Ratio	Resp	Lower	Upper
240	100	452405		
120	9.7	12.2	18.2	
236	25.1	20.2	30.2	

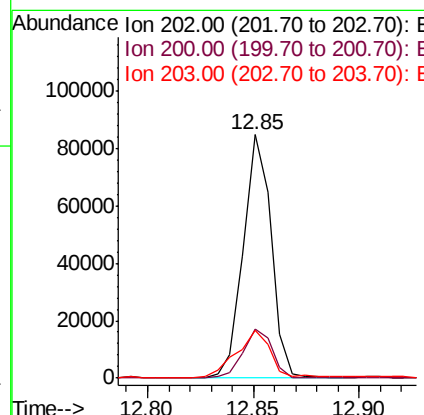
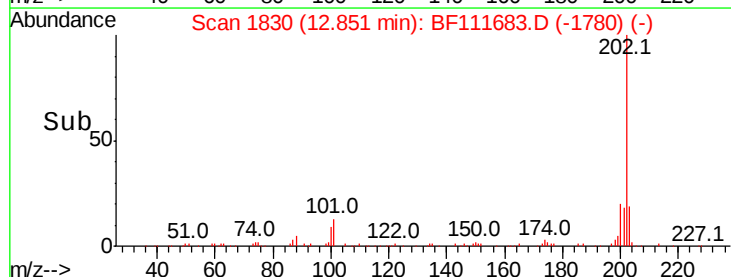
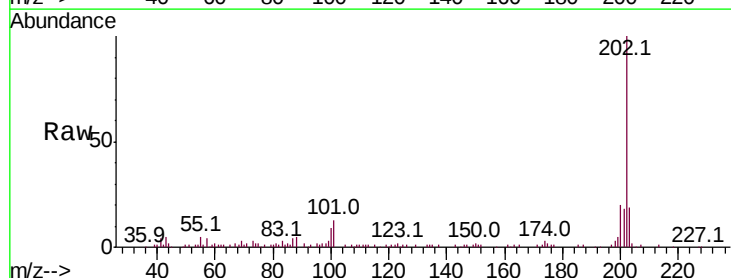
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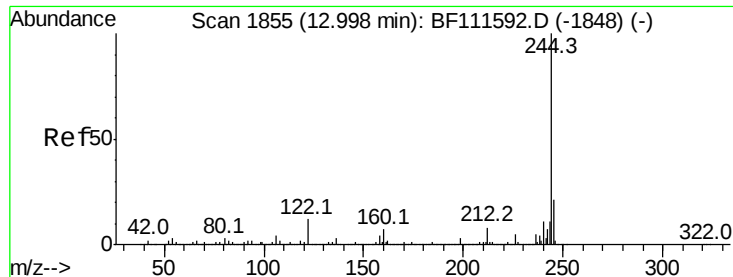
Sohil
12/26/2018 3:10:37 PM



#78
Pyrene
Concen: 2.432 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	77690		
200	20.3	19.0	28.4	
203	19.5	15.2	22.8	





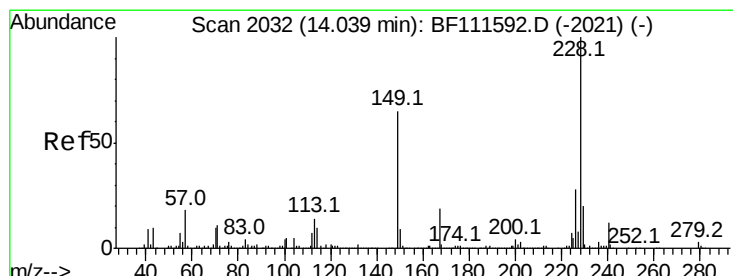
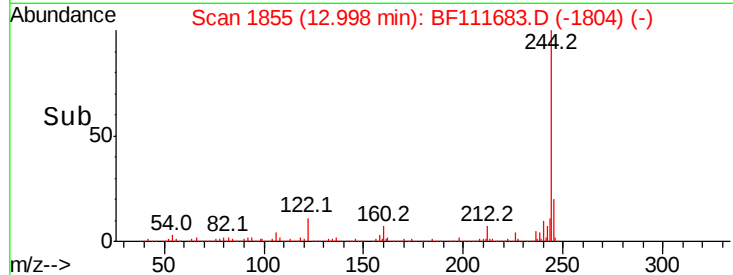
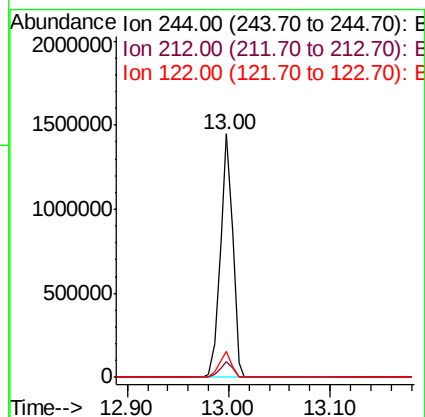
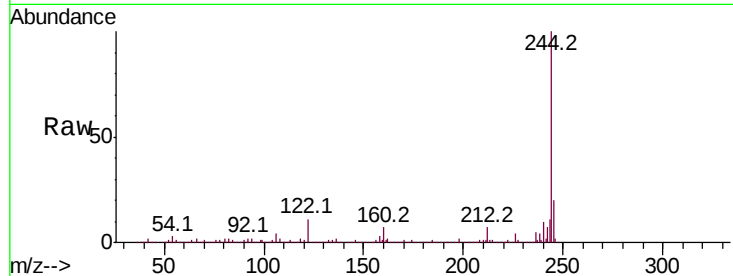
#79
 Terphenyl-d14
 Concen: 51.025 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111683.D
 Acq: 21 Dec 2018 13:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS001-0006-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.7	13.1	19.7

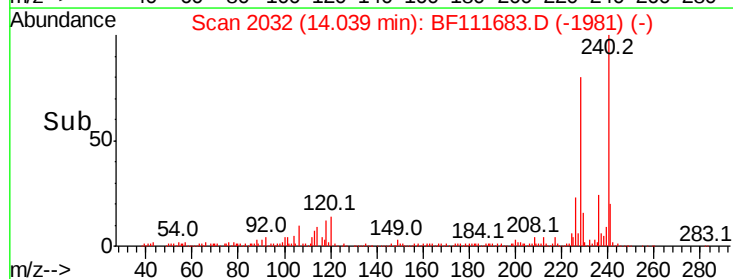
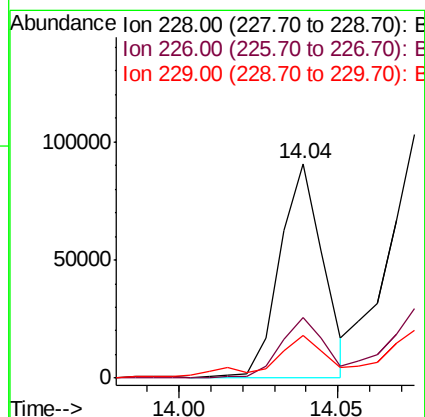
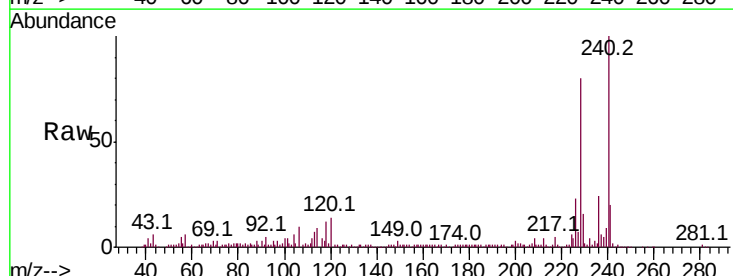
Manual Integrations
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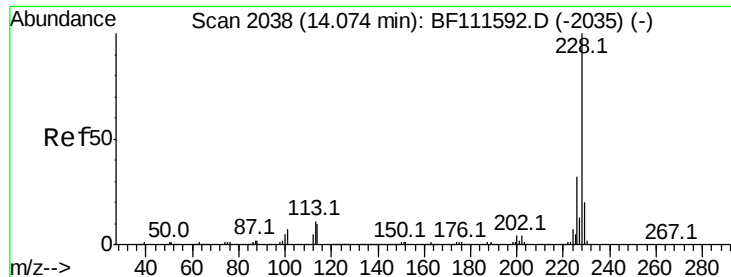
Sohil
 12/26/2018 3:10:37 PM



#81
 Benzo(a)anthracene
 Concen: 3.348 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF111683.D
 Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	19.8	16.3	24.5





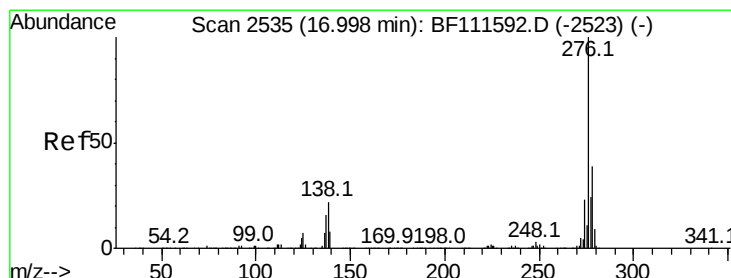
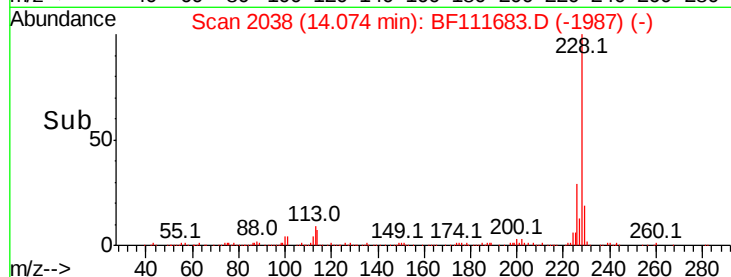
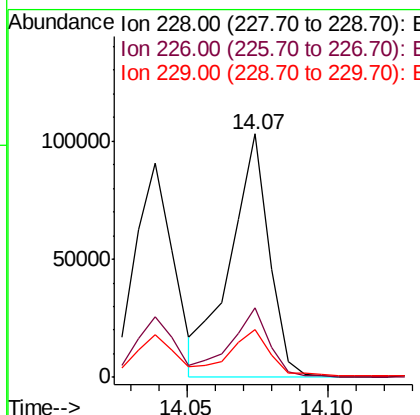
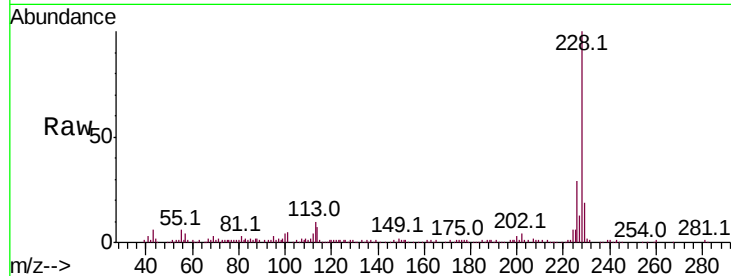
#83
Chrysene
Concen: 3.885 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion:	228	Resp:	98573
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.3	37.9
229	19.4	17.2	25.8

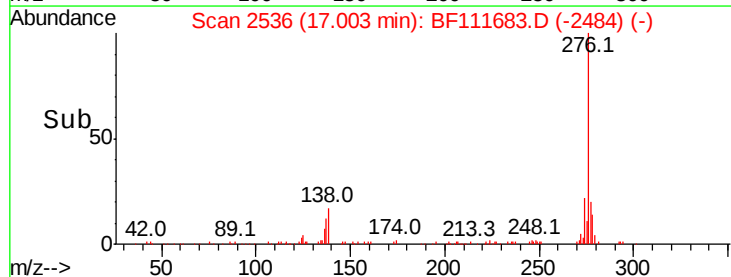
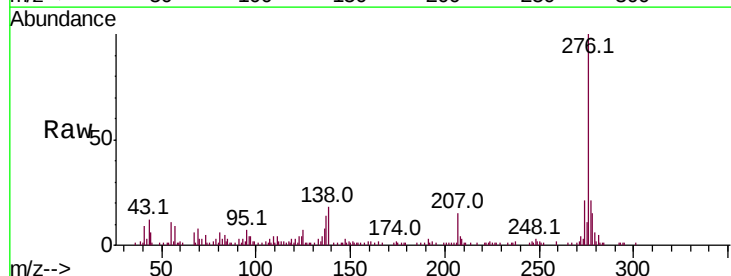
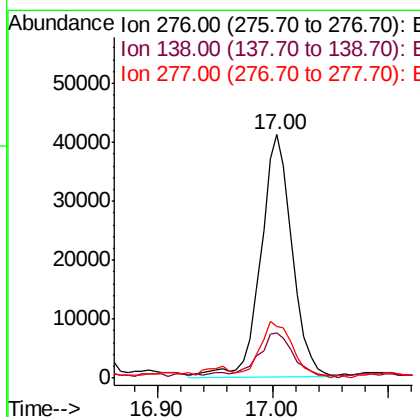
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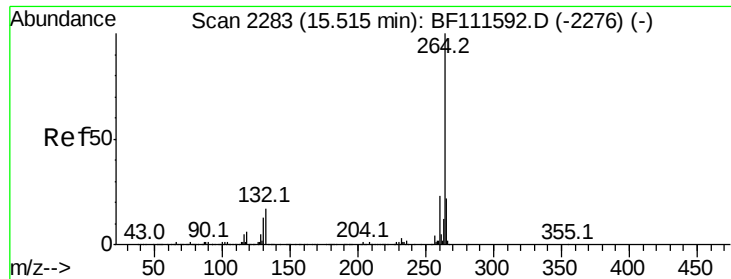
Sohil
12/26/2018 3:10:37 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 3.593 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion:	276	Resp:	77509
Ion Ratio	Lower	Upper	
276	100		
138	23.0	27.8	41.6#
277	24.7	20.1	30.1





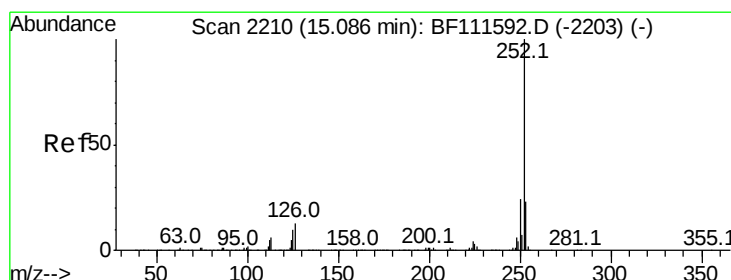
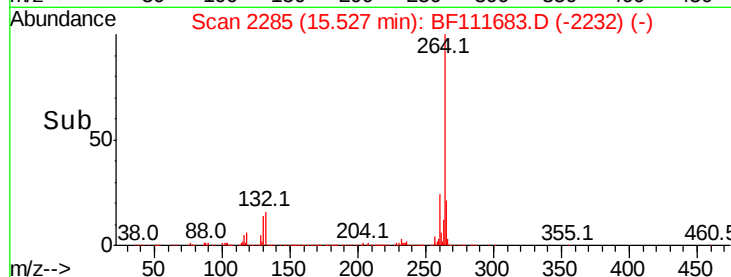
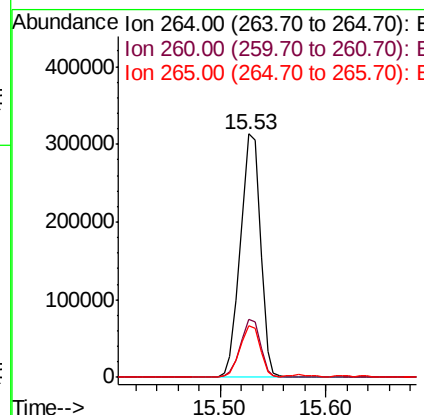
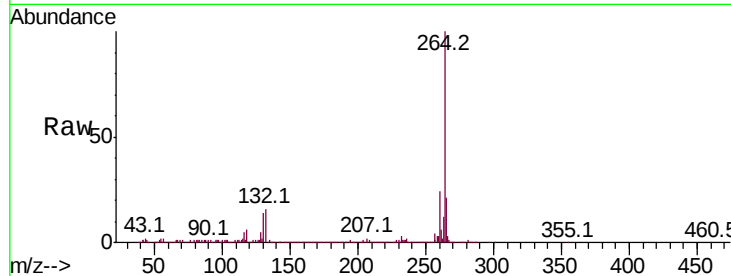
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.3	27.5
265	21.0	17.7	26.5

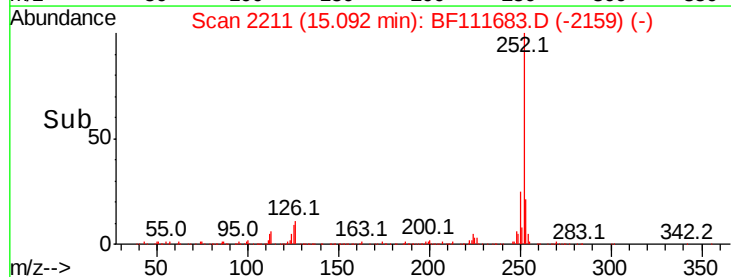
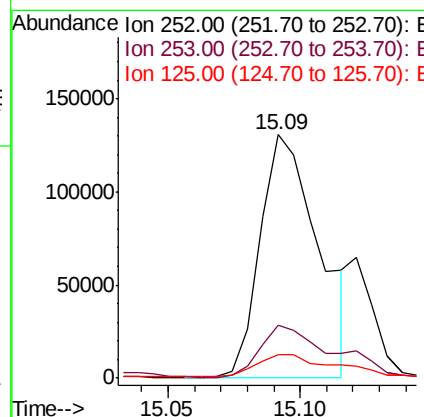
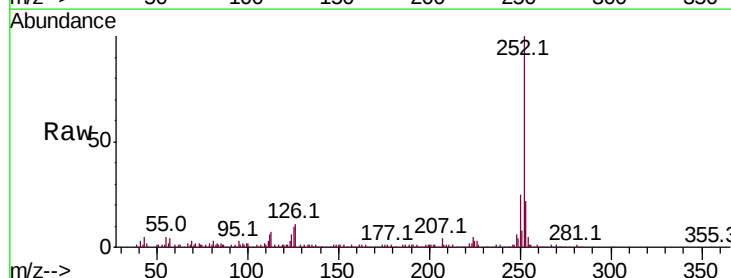
Manual Integrations
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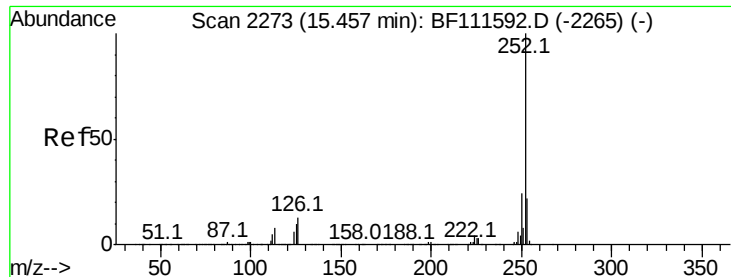
Sohil
12/26/2018 3:10:37 PM



#88
Benzo(b)fluoranthene
Concen: 8.398 ng m
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.6	10.4	15.6#





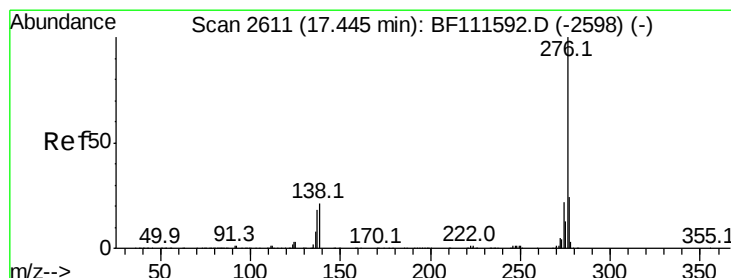
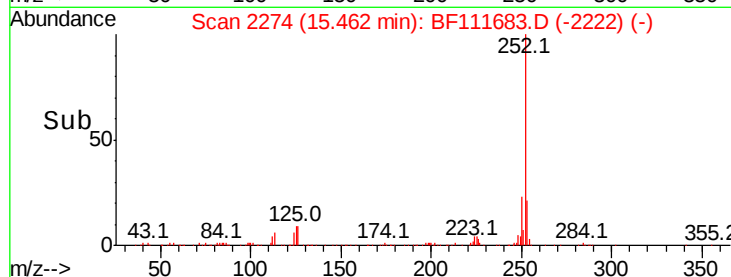
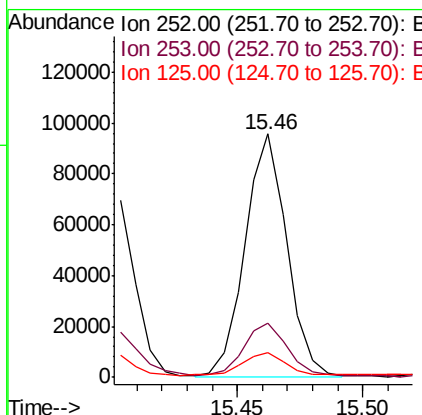
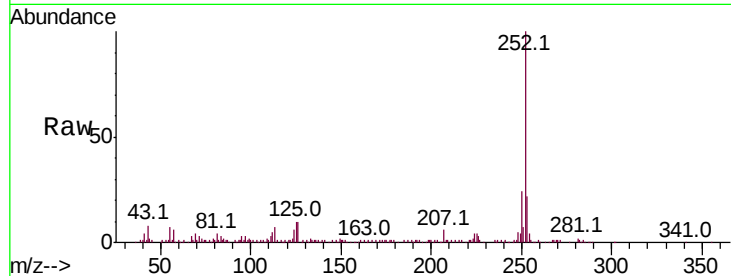
#90
Benzo(a)pyrene
Concen: 5.140 ng m
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0006-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.1	12.3	18.5

Manual Integrations
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Sohil
12/26/2018 3:10:37 PM



#92
Benzo(g,h,i)perylene
Concen: 3.779 ng m
RT: 17.45 min Scan# 2612
Delta R.T. 0.01 min
Lab File: BF111683.D
Acq: 21 Dec 2018 13:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.2	28.8
138	20.5	24.9	37.3

