

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110285.D
 Acq On : 30 Oct 2018 1:48
 Operator : JU/SJ
 Sample : J5685-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-31

Manual Integrations
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 10/30/2018 3:04:29 PM

Quant Time: Oct 30 09:09:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	93013	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	347368	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	135763	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	217681	20.00	ng	0.00
76) Chrysene-d12	14.16	240	143907	20.00	ng	0.00
87) Perylene-d12	15.69	264	104249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	496803	86.98	ng	0.00
7) Phenol-d6	6.59	99	612990	83.91	ng	0.00
23) Nitrobenzene-d5	7.53	82	364971	62.32	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	90227	67.09	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	684935	79.22	ng	0.00
79) Terphenyl-d14	13.09	244	518103	74.88	ng	0.00
Target Compounds						
10) Phenol	6.60	94	44044	5.640	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	112419	11.218	ng	100
71) Phenanthrene	11.53	178	230474	20.235	ng	98
72) Anthracene	11.58	178	53494	4.686	ng	99
75) Fluoranthene	12.73	202	398940	34.512	ng	99
78) Pyrene	12.96	202	331078	32.091	ng	98
81) Benzo(a)anthracene	14.14	228	145813	17.086	ng	99
83) Chrysene	14.18	228	131618	16.238	ng	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	56886	8.460	ng	98
88) Benzo(b)fluoranthene	15.23	252	140074m	23.268	ng	
89) Benzo(k)fluoranthene	15.26	252	47473m	8.021	ng	
90) Benzo(a)pyrene	15.62	252	91618	16.539	ng	# 96
91) Dibenzo(a,h)anthracene	17.26	278	15369	3.215	ng	# 79
92) Benzo(a,h,i)perylene	17.74	276	55876	11.863	ng	97

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

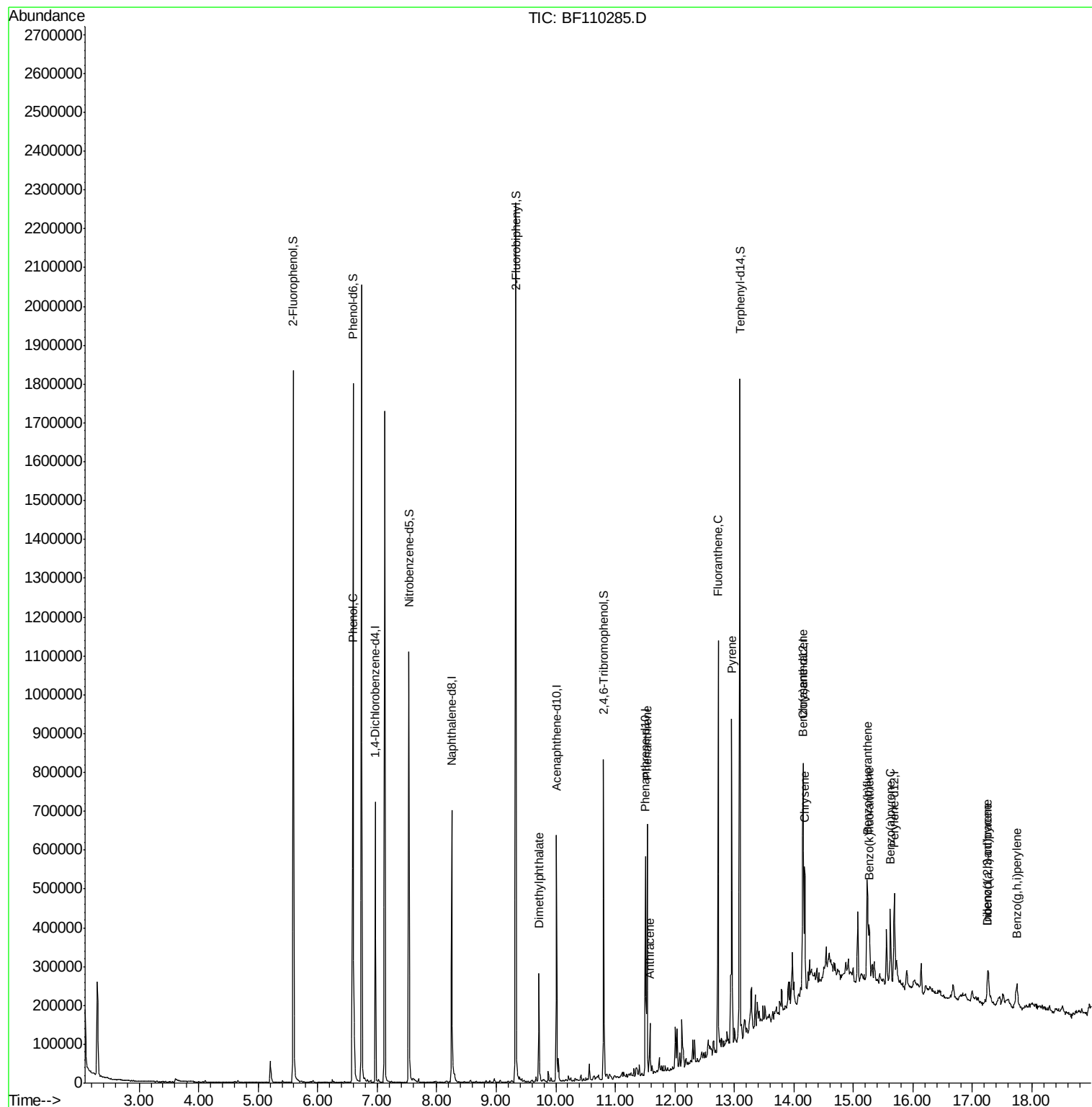
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110285.D
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Sample : J5685-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

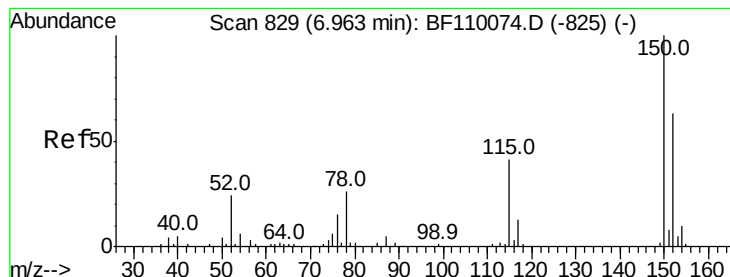
Instrument :
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#1

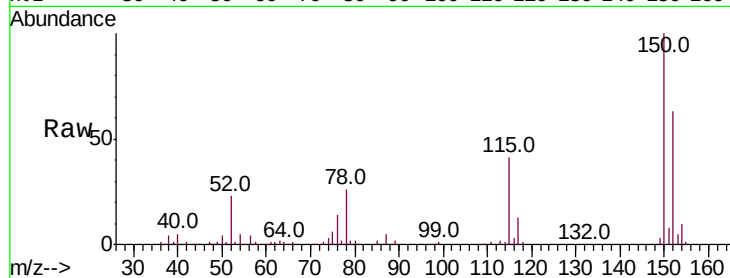
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-31

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.7	184.1
115	64.2	49.1	73.7

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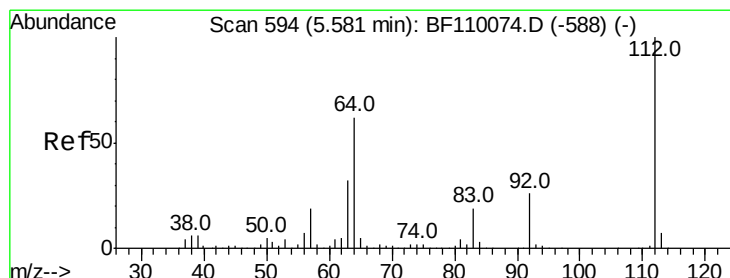
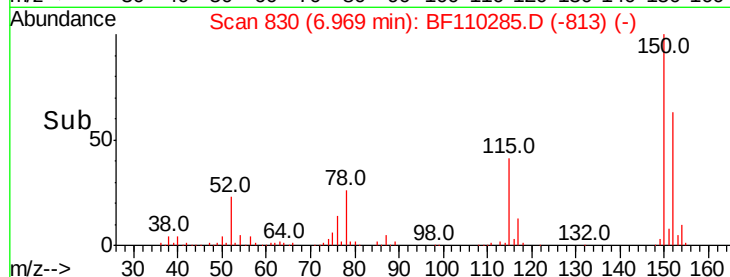
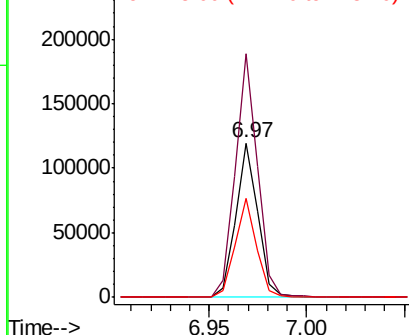


Abundance

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: 86.979 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

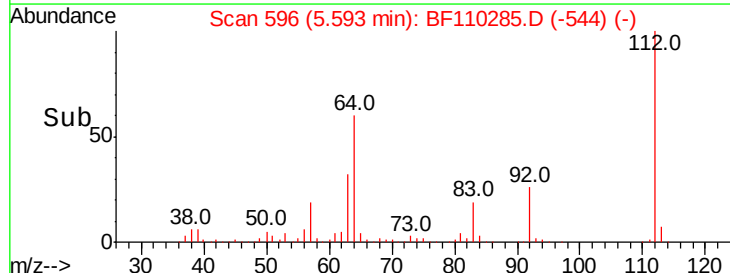
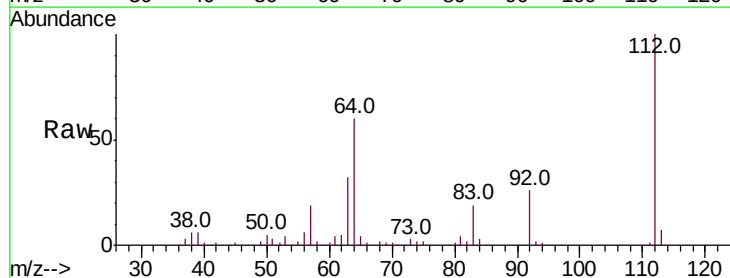
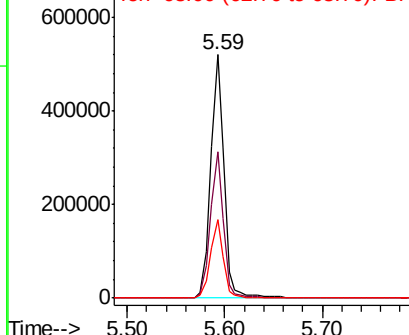
Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	44.1	66.1
63	32.5	23.7	35.5

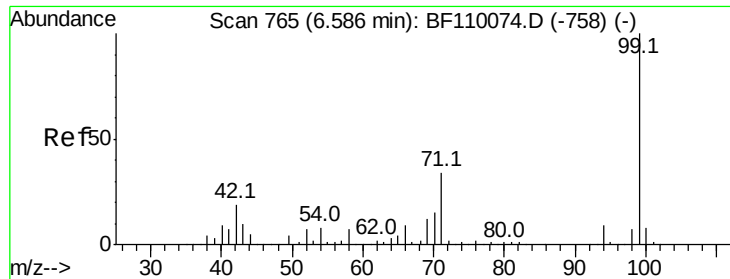
Abundance

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: 83.905 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Instrument :

BNA_F

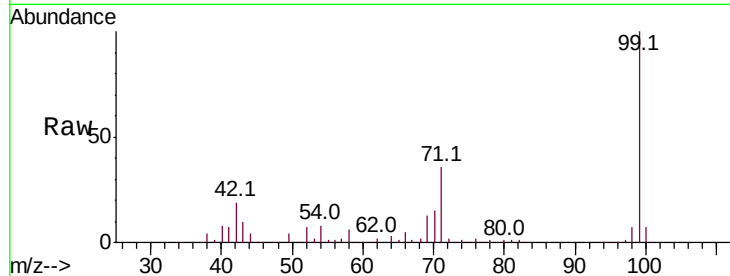
ClientSampleId :

DOCUMENTATION-31

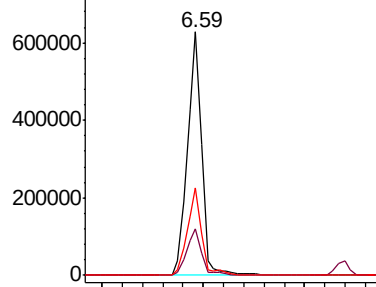
Tot Ion:	99	Resp:	612990
Ion Ratio	Lower	Upper	
99	100		
42	19.3	15.8	23.6
71	35.9	28.0	42.0

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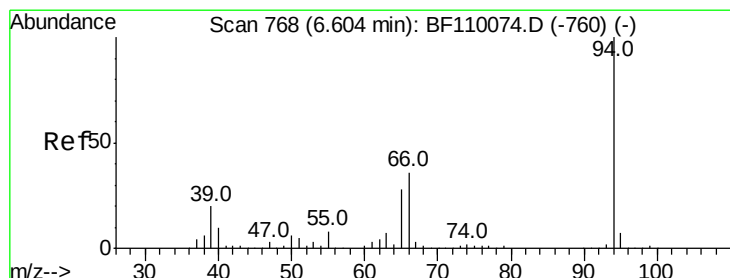
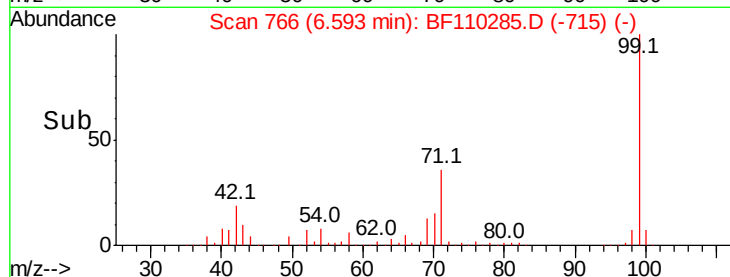
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time--> 6.50 6.60 6.70



#10

Phenol

Concen: 5.640 ng

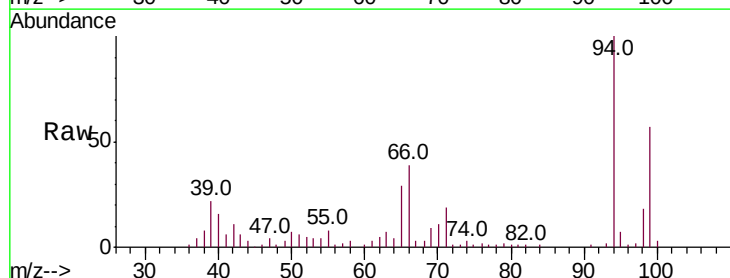
RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

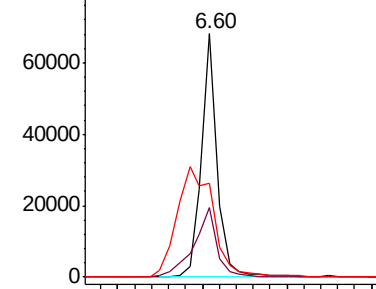
Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

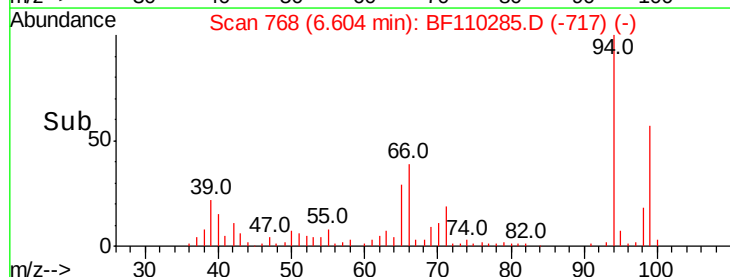
Tgt Ion:	94	Resp:	44044
Ion Ratio	Lower	Upper	
94	100		
65	28.7	25.3	65.3
66	38.6	54.5	94.5#

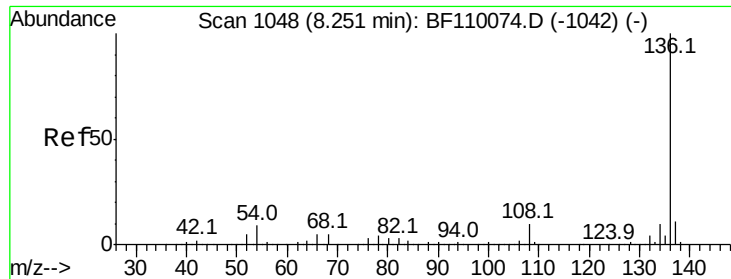


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



Time--> 6.55 6.60 6.65





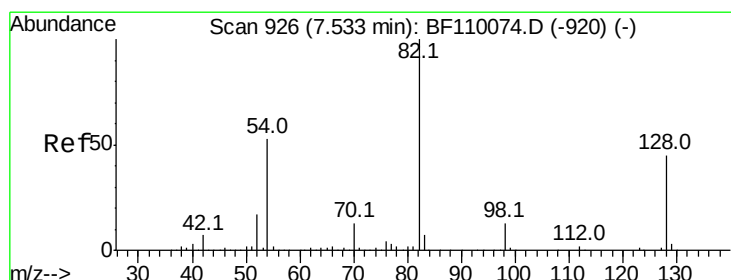
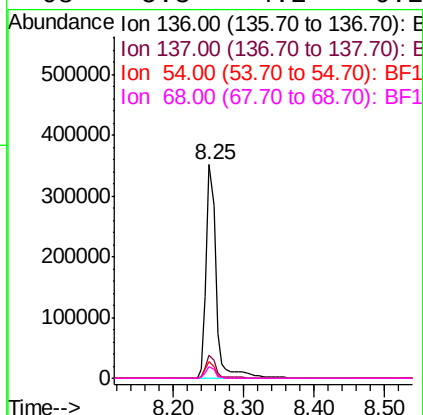
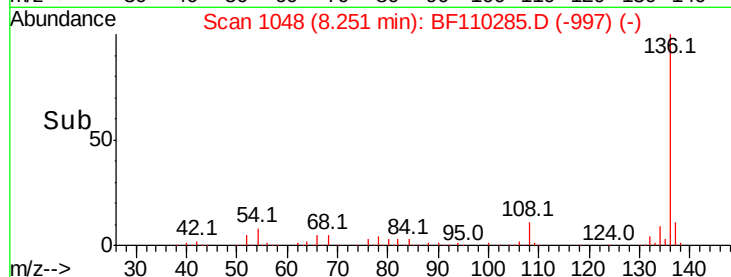
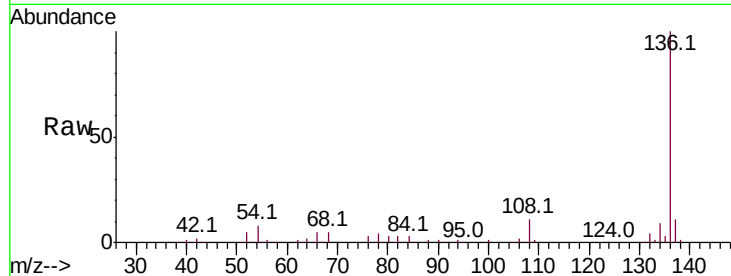
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	5.4	8.2
68	5.3	4.2	6.2

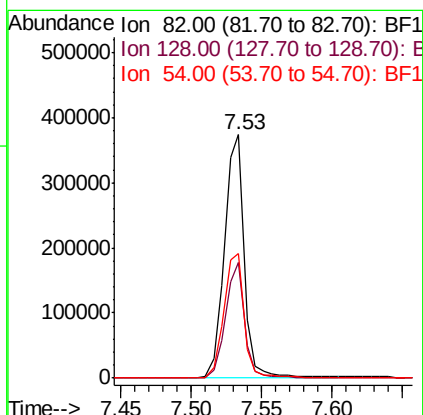
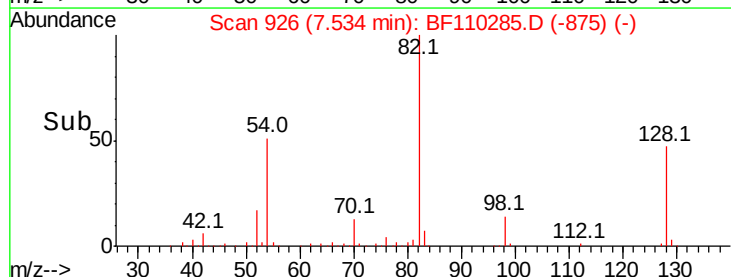
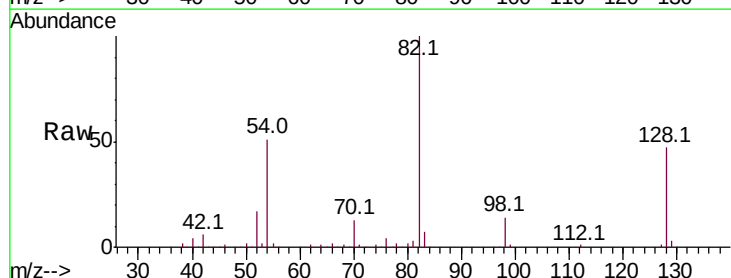
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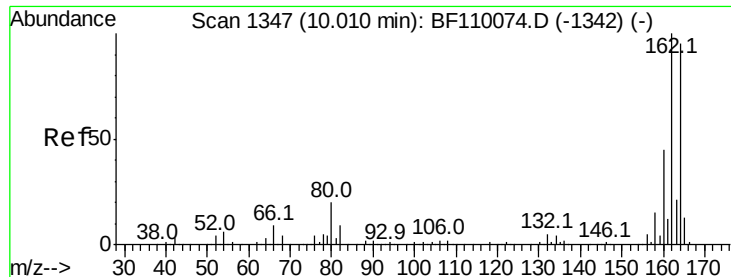
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#23
Nitrobenzene-d5
Concen: 62.319 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	47.5	34.2	51.2
54	50.9	38.6	58.0





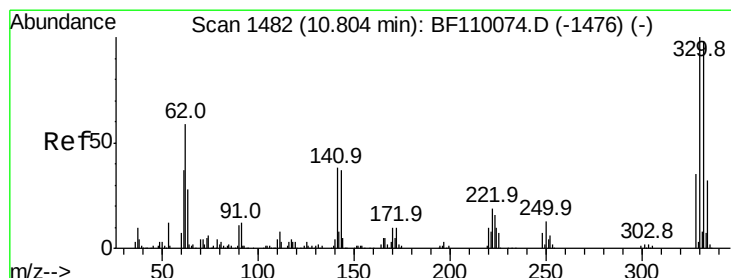
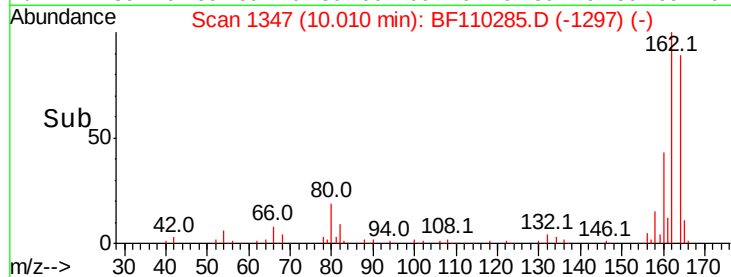
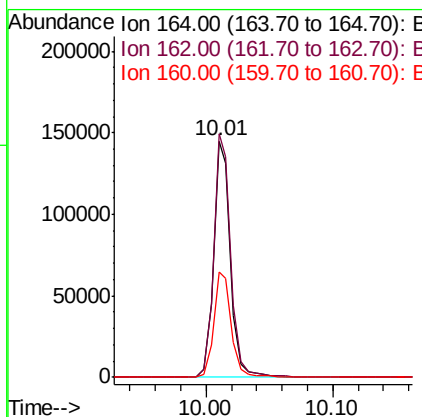
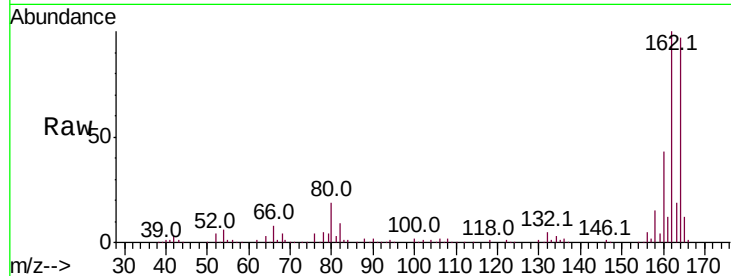
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-31

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	44.6	37.0	55.6

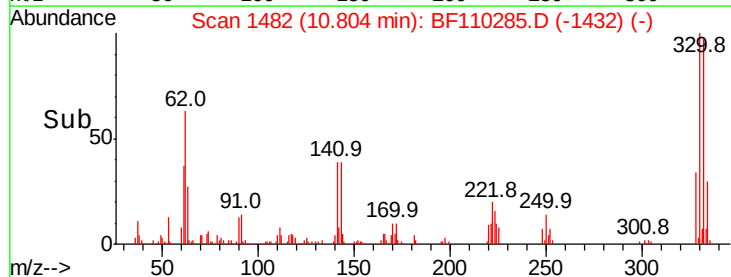
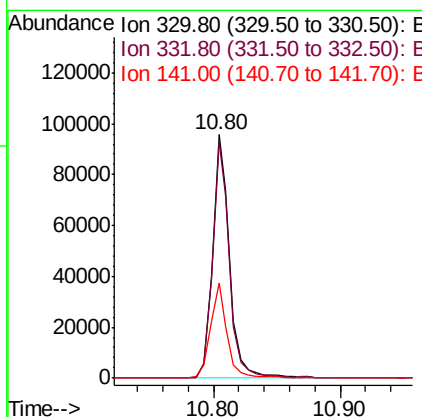
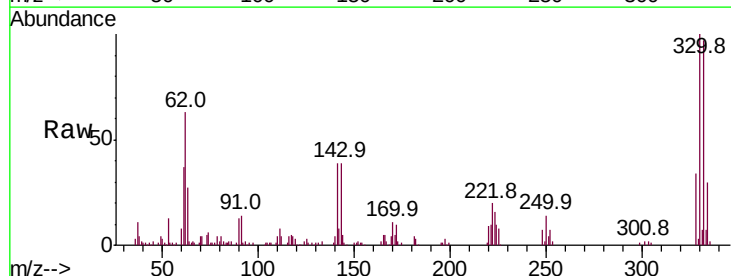
Manual Integrations
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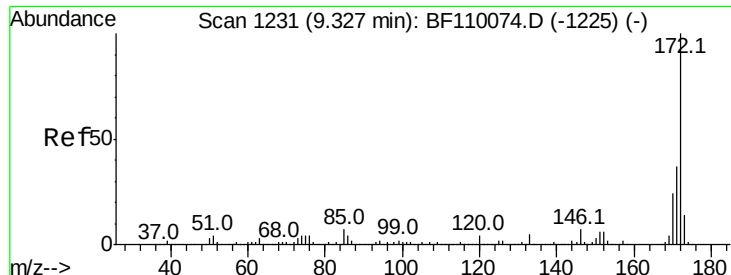
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#42
2,4,6-Tribromophenol
Concen: 67.092 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.1	115.7
141	38.4	27.0	40.4





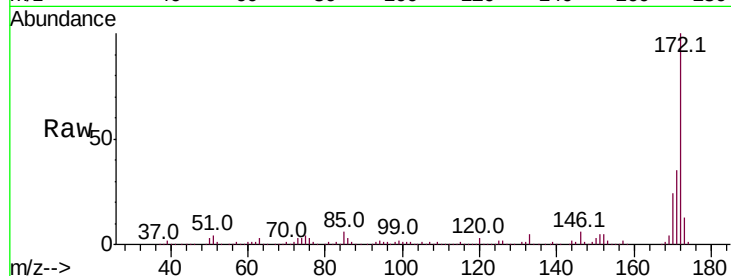
#45
2-Fluorobiphenyl
Concen: 79.221 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-31

Tot Ion	Ratio	Resp	Lower	Upper
172	100	684935		
171	35.4		28.6	43.0
170	23.9		19.7	29.5

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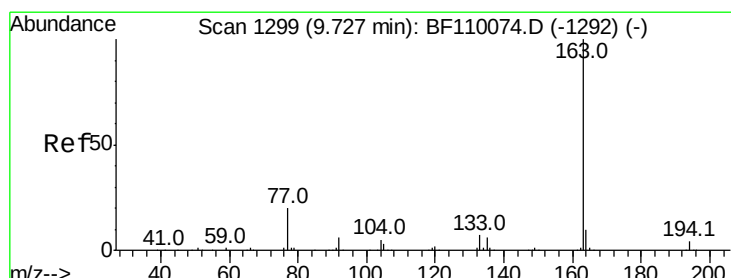
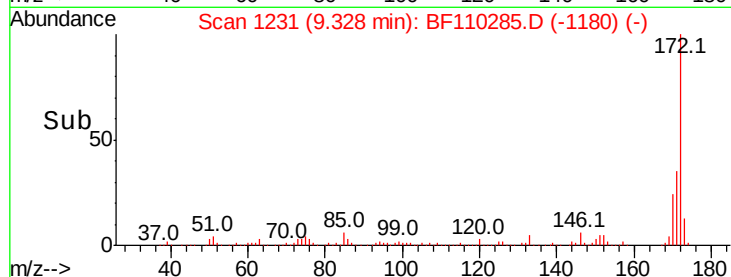
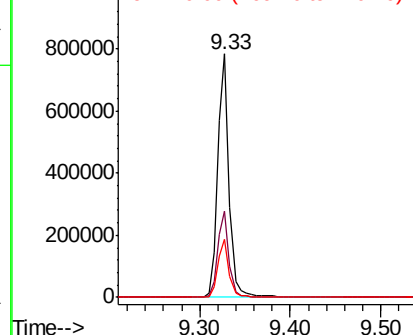


Abundance

Ion 172.00 (171.70 to 172.70): E

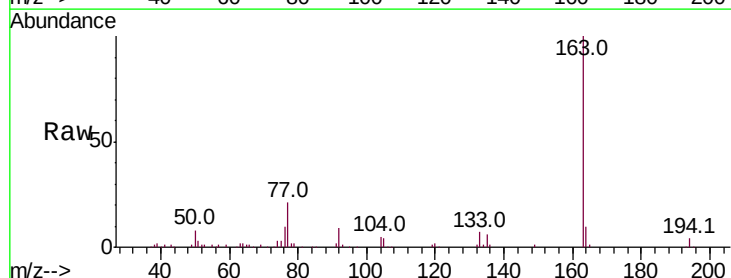
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 11.218 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	112419		
194	3.7		3.2	4.8
164	10.0		8.1	12.1

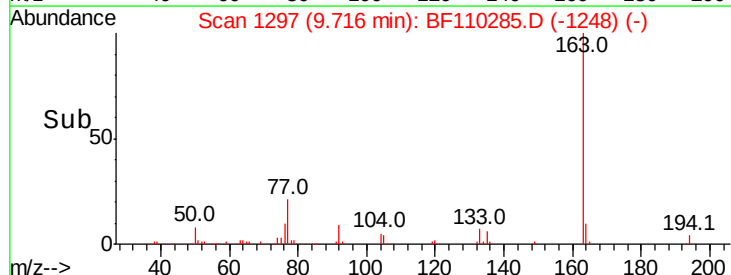
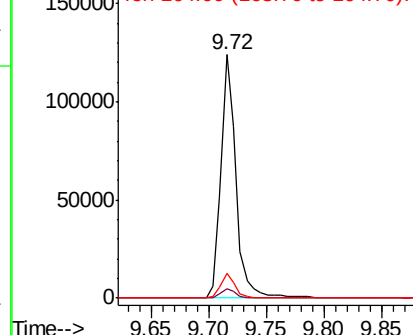


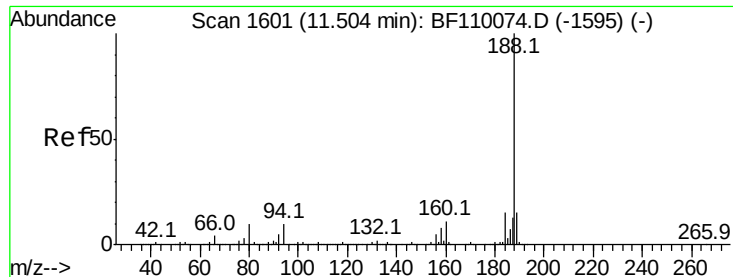
Abundance

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: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Instrument :

BNA_F

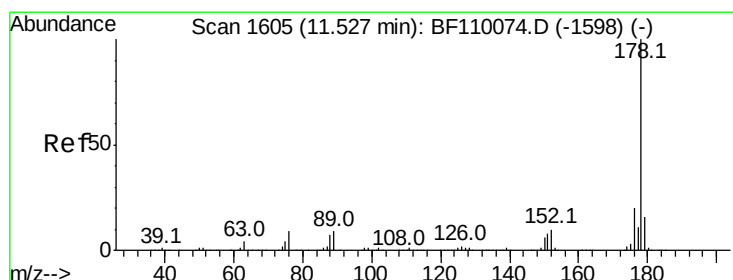
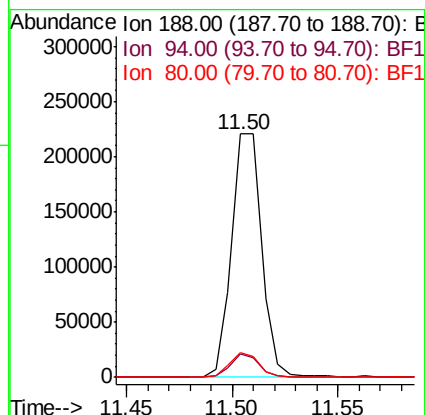
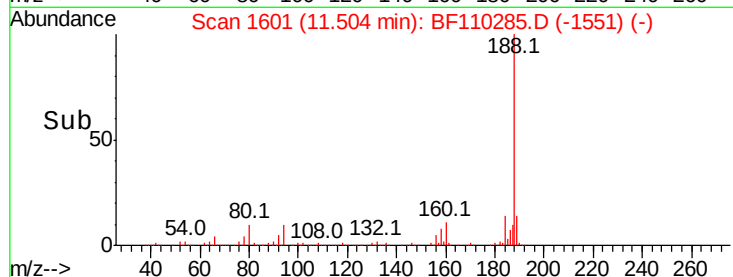
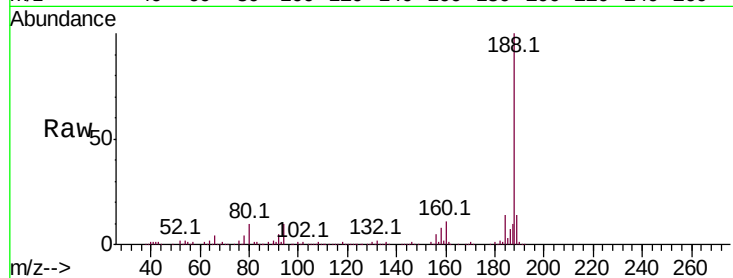
ClientSampleId :

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Tot Ion:188	Resp:	217681
Ion Ratio	Lower	Upper
188 100		
94 9.9	7.2	10.8
80 10.2	7.9	11.9

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#71

Phenanthrene

Concen: 20.235 ng

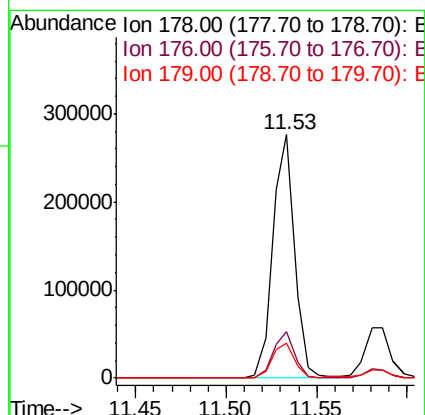
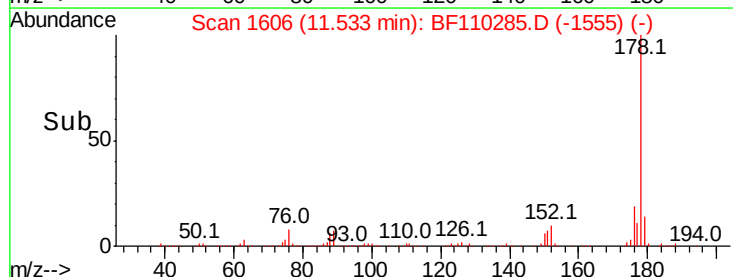
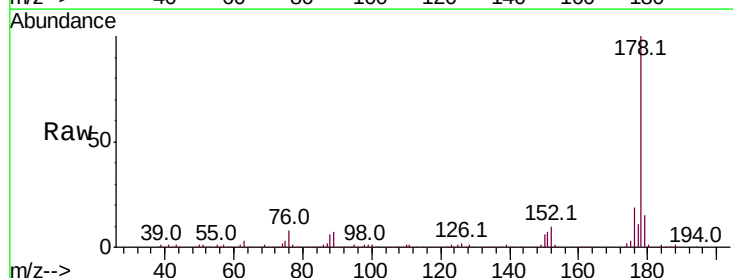
RT: 11.53 min Scan# 1606

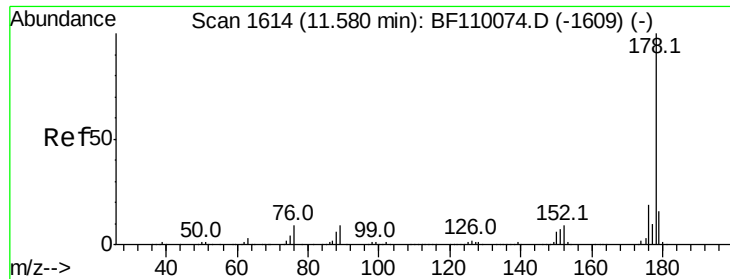
Delta R.T. 0.00 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Tgt Ion:178	Resp:	230474
Ion Ratio	Lower	Upper
178 100		
176 18.9	15.5	23.3
179 14.6	12.5	18.7





#72

Anthracene

Concen: 4.686 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:178 Resp: 53494

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

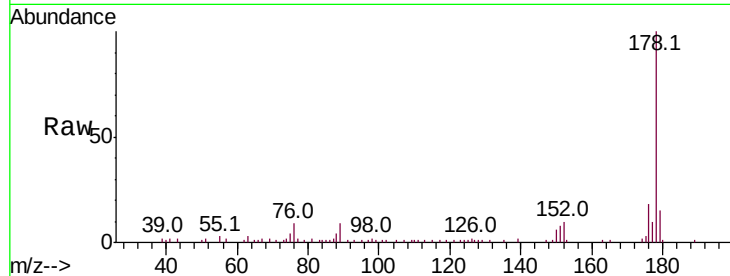
179 15.5 12.6 18.8

Manual Integrations

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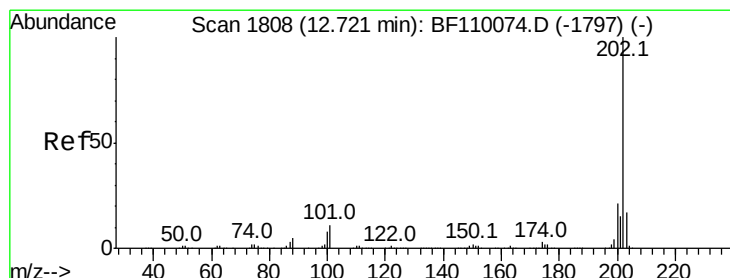
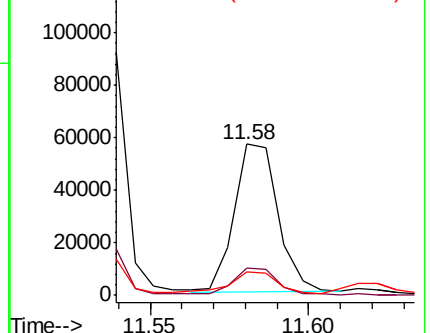
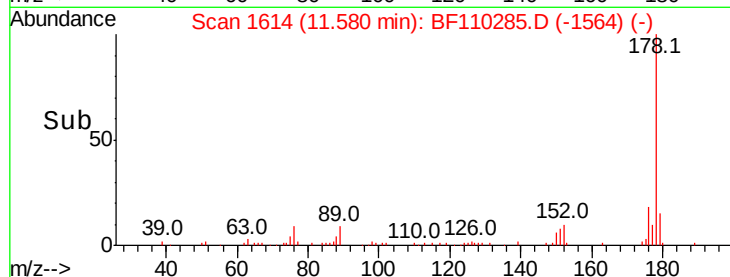
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 34.512 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

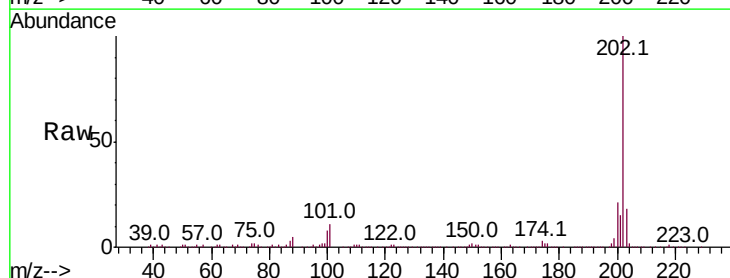
Tgt Ion:202 Resp: 398940

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

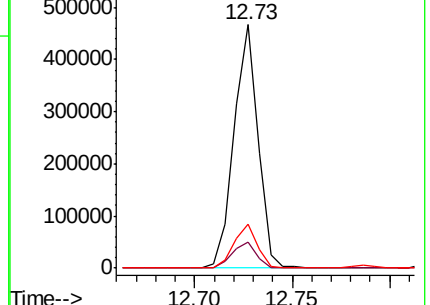
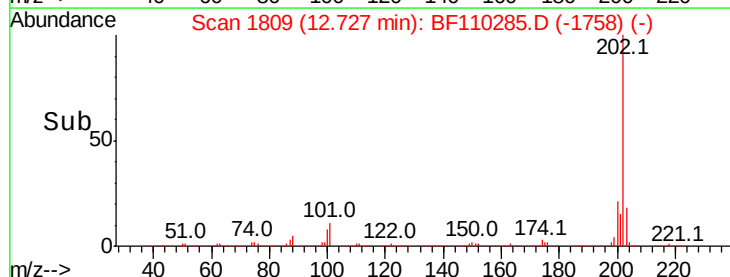
203 17.8 0.0 37.7

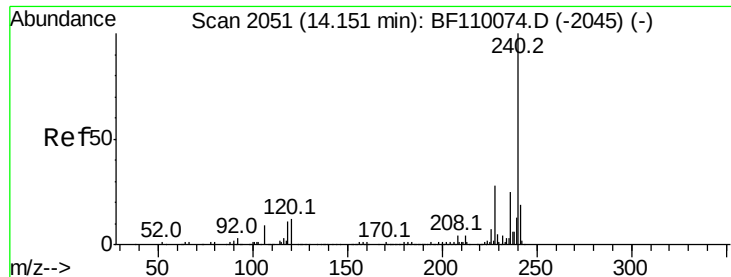


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





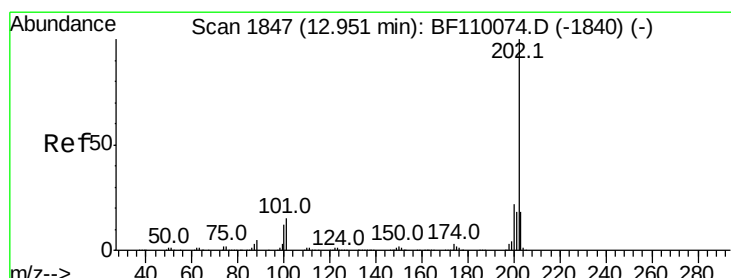
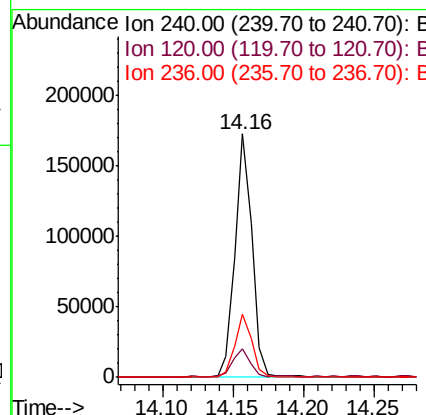
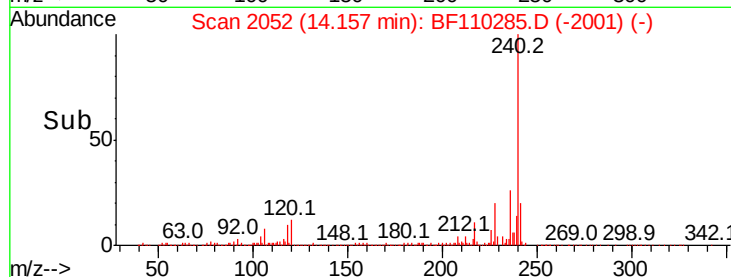
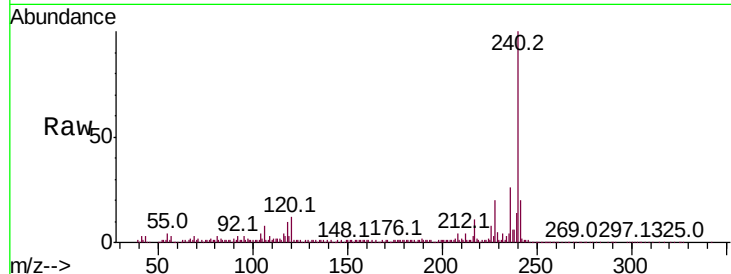
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-31

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.3	12.5
236	25.9	21.2	31.8

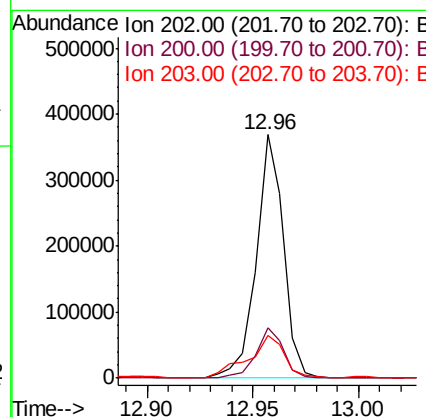
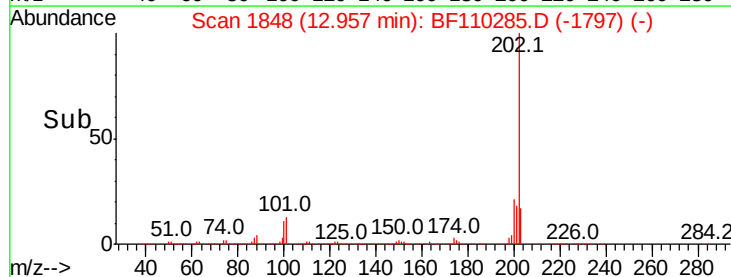
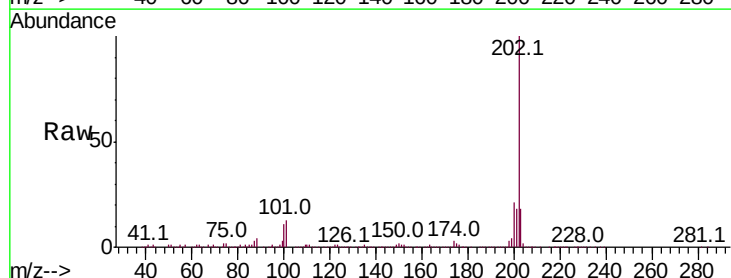
Manual Integrations
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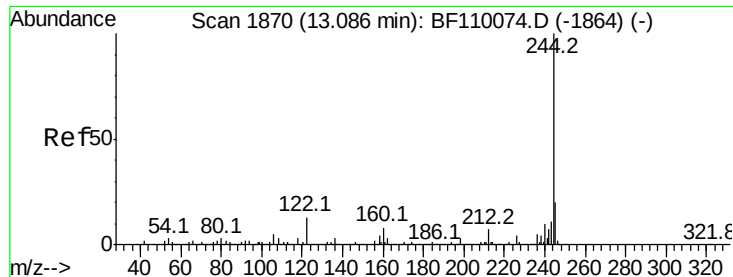
Sohil
10/30/2018 3:04:29 PM



#78
Pyrene
Concen: 32.091 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.5	14.2	21.4





#79

Terphenyl-d14

Concen: 74.875 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Instrument :

BNA_F

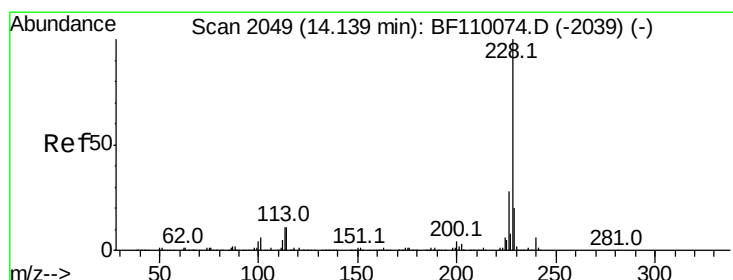
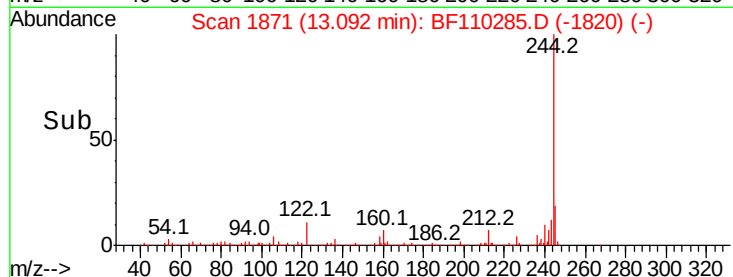
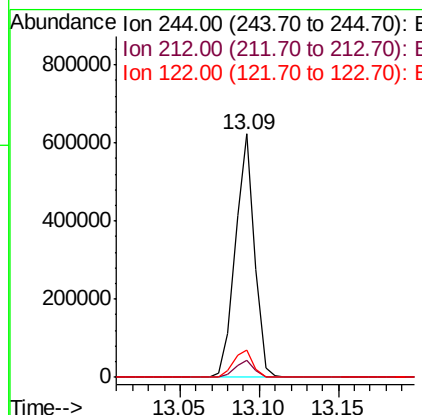
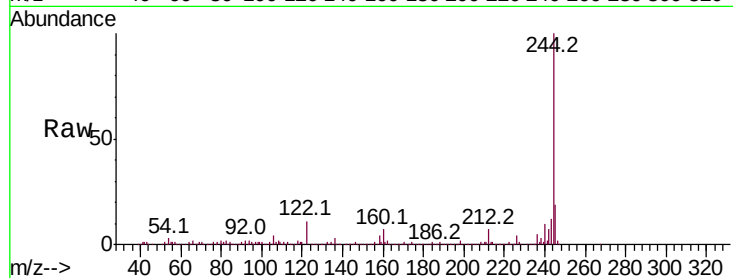
ClientSampleId :

DOCUMENTATION-31

Tot Ion:	244	Resp:	518103
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	11.4	8.7	13.1

Manual Integrations
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#81

Benzo(a)anthracene

Concen: 17.086 ng

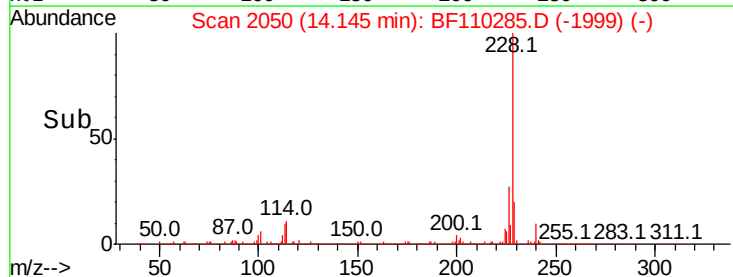
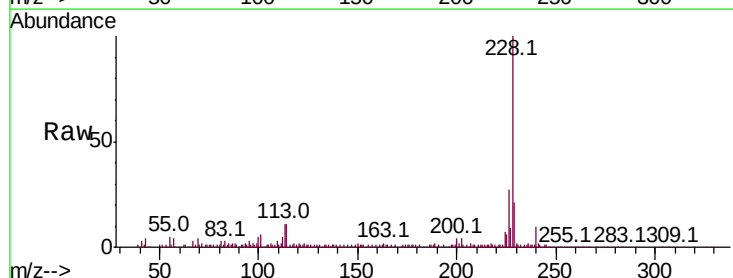
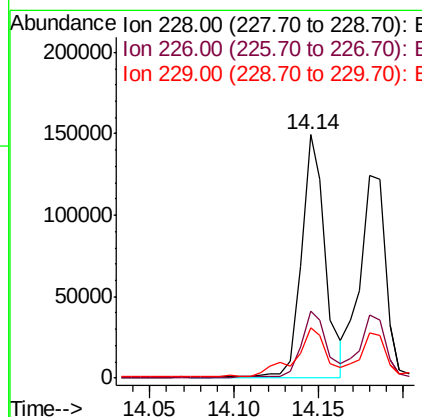
RT: 14.14 min Scan# 2050

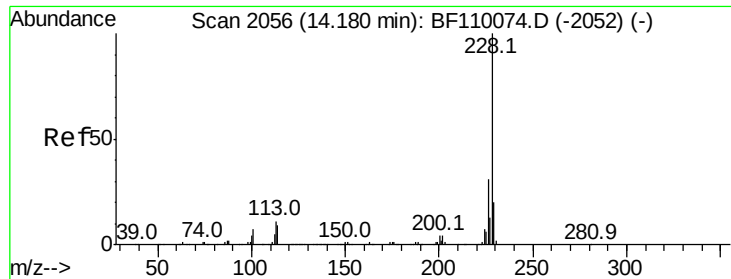
Delta R.T. 0.00 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Tgt Ion:	228	Resp:	145813
Ion Ratio		Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.7	15.6	23.4





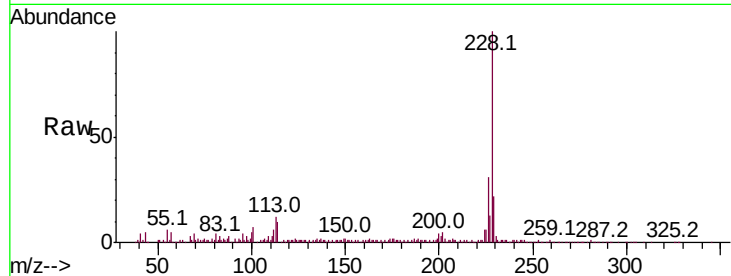
#83
Chrysene
Concen: 16.238 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-31

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	22.2	15.9	23.9

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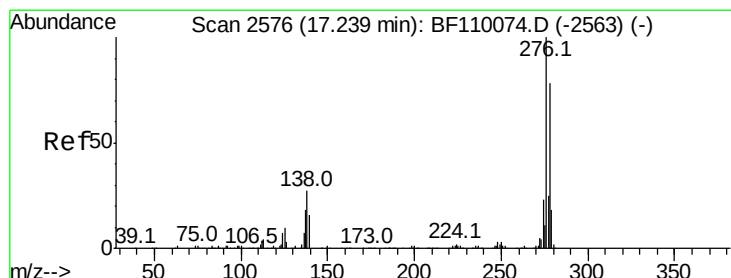
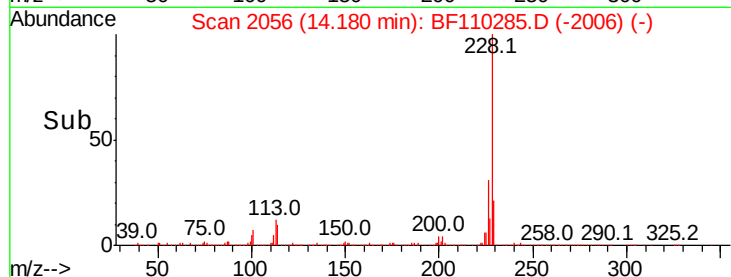
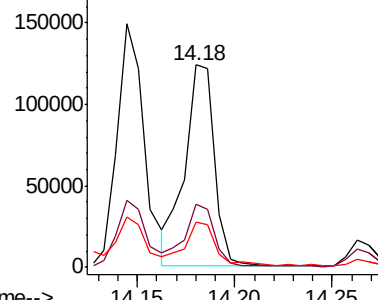


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.460 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

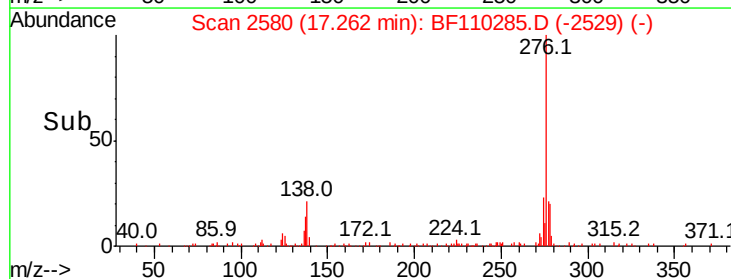
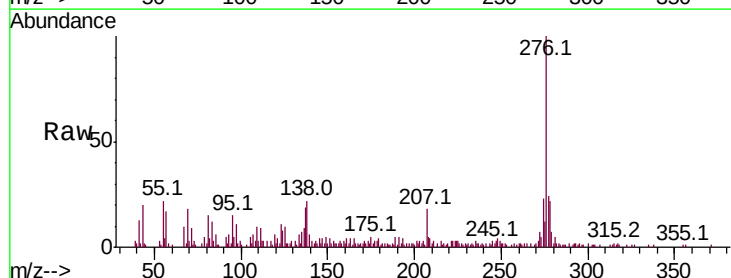
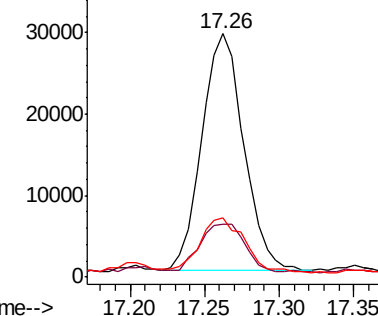
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.5	27.7
277	26.1	20.0	30.0

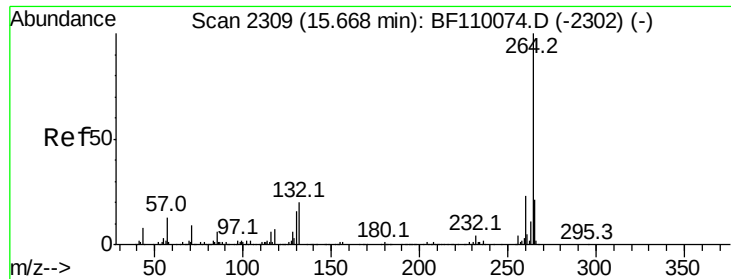
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

Delta R.T. 0.01 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Instrument :

BNA_F

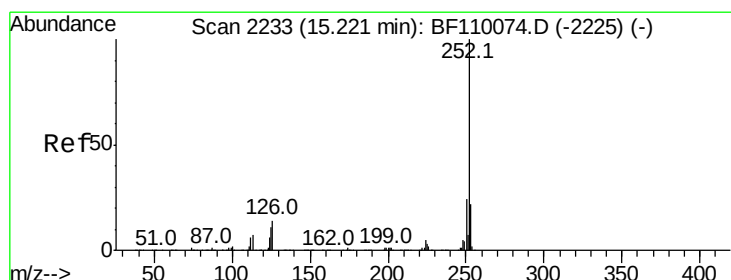
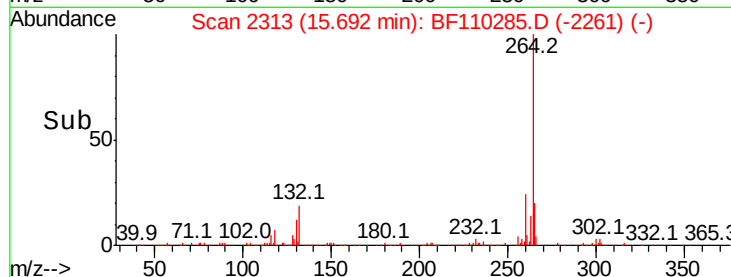
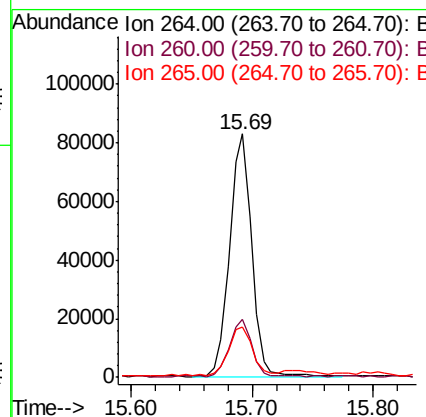
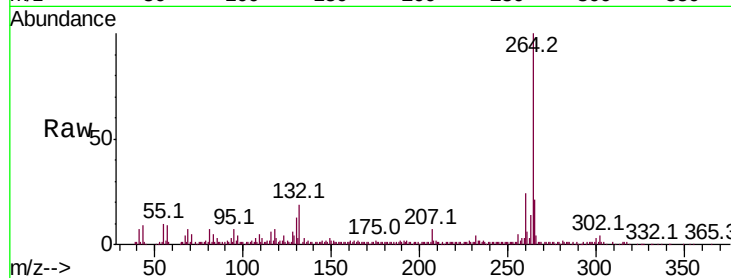
ClientSampleId :

DOCUMENTATION-31

Tot Ion:	264	Resp:	104249
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.7	28.1
265	20.8	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 23.268 ng m

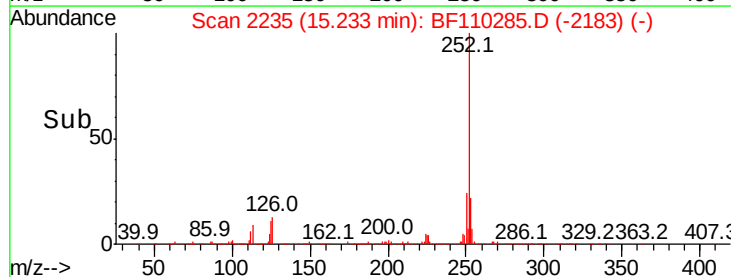
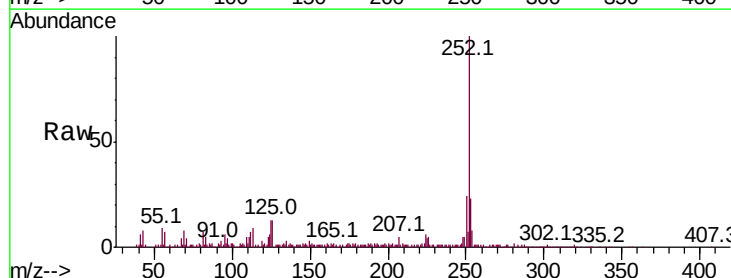
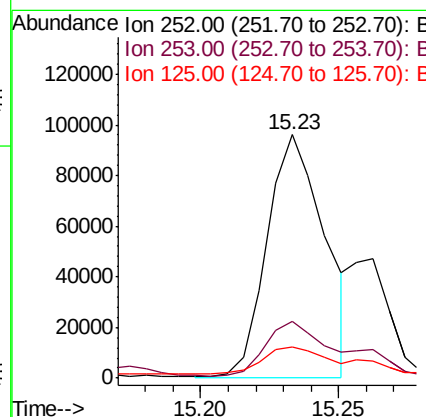
RT: 15.23 min Scan# 2235

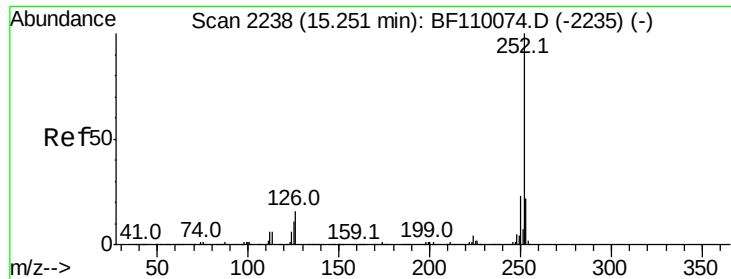
Delta R.T. 0.01 min

Lab File: BF110285.D

Acq: 30 Oct 2018 1:48

Tgt Ion:	252	Resp:	140074
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	12.7	8.2	12.4#





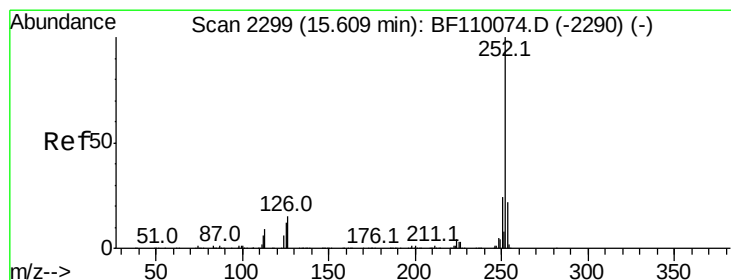
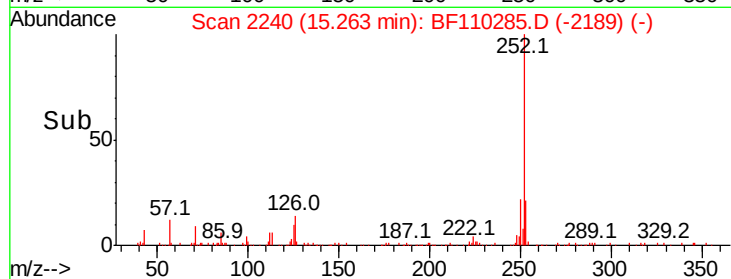
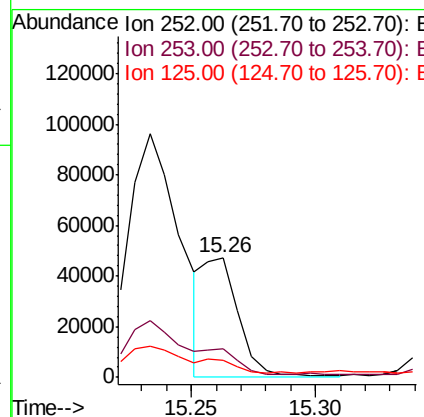
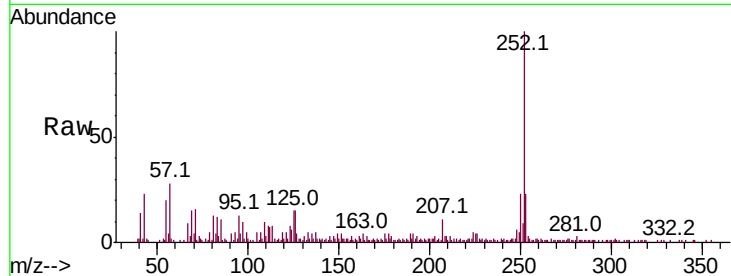
#89
Benzo(k)fluoranthene
Concen: 8.021 ng/mL
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-31

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	14.6	7.4	11.0

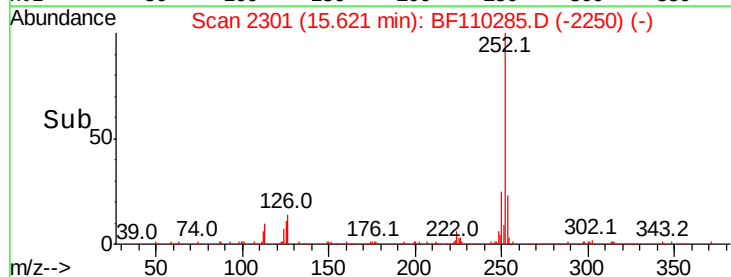
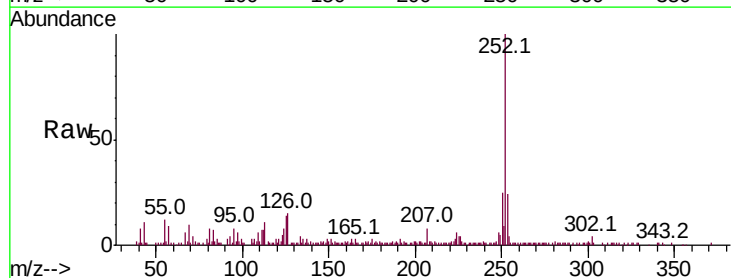
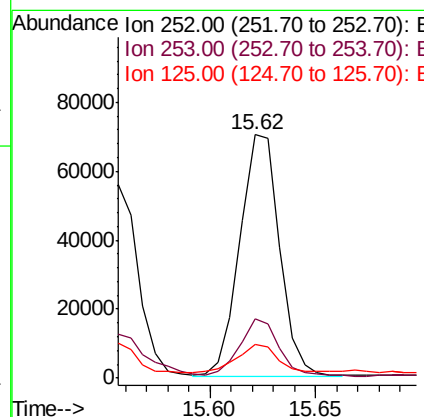
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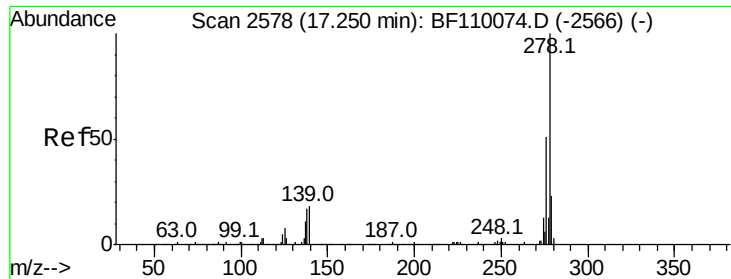
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#90
Benzo(a)pyrene
Concen: 16.539 ng/mL
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	13.9	9.0	13.6





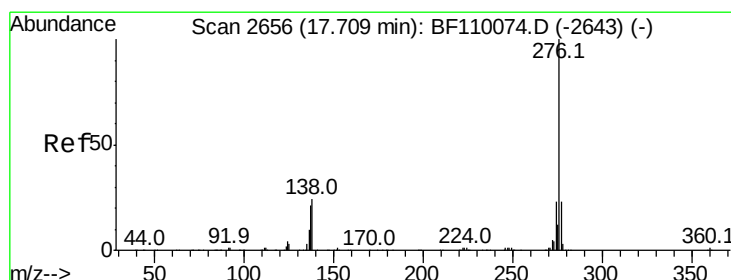
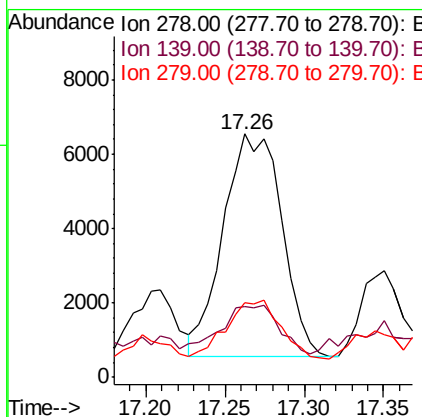
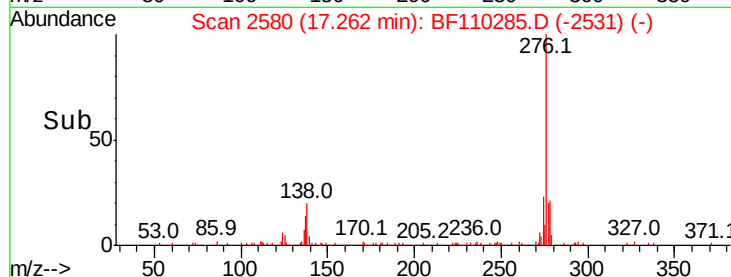
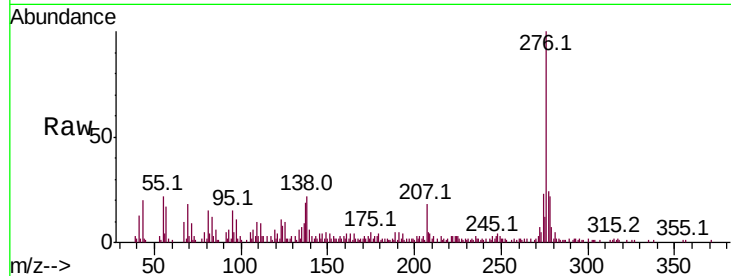
#91
Dibenzo(a,h)anthracene
Concen: 3.215 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-31

Tot Ion	Ratio	Lower	Upper
278	100		
139	28.9	12.7	19.1#
279	30.6	19.0	28.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 11.863 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF110285.D
Acq: 30 Oct 2018 1:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.7	16.0	24.0

