

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110765.D
 Acq On : 14 Nov 2018 15:39
 Operator : JU/SJ
 Sample : J5930-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 32727-45914-21716

Manual Integrations
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Sohil
 11/15/2018 10:59:24 AM

Quant Time: Nov 14 16:25:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	85897	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	374985	20.00	ng	0.01
39) Acenaphthene-d10	9.99	164	158980	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	284902	20.00	ng	0.00
76) Chrysene-d12	14.13	240	176276	20.00	ng	-0.01
87) Perylene-d12	15.66	264	166310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	566012	107.03	ng	0.00
7) Phenol-d6	6.57	99	773755	114.42	ng	0.00
23) Nitrobenzene-d5	7.54	82	470268	72.22	ng	0.02
42) 2,4,6-Tribromophenol	10.78	330	160615	100.26	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	735730	66.09	ng	0.01
79) Terphenyl-d14	13.06	244	592981	63.00	ng	0.00
Target Compounds						
6) Aniline	6.61	93	522368	59.234	ng	Qvalue # 55
10) Phenol	6.59	94	22477	2.867	ng	94
31) Naphthalene	8.26	128	81536m	4.632	ng	
50) Dimethylphthalate	9.69	163	74921	6.316	ng	# 99
71) Phenanthrene	11.50	178	52543	3.442	ng	100
75) Fluoranthene	12.70	202	66996	4.378	ng	99
77) Benzydine	12.82	184	14359	2.962	ng	97
78) Pyrene	12.93	202	56733	4.180	ng	97
81) Benzo(a)anthracene	14.12	228	27244	2.586	ng	96
83) Chrysene	14.16	228	26951	2.685	ng	98
88) Benzo(b)fluoranthene	15.20	252	29615m	2.977	ng	
90) Benzo(a)pyrene	15.59	252	23155	2.562	ng	# 42

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

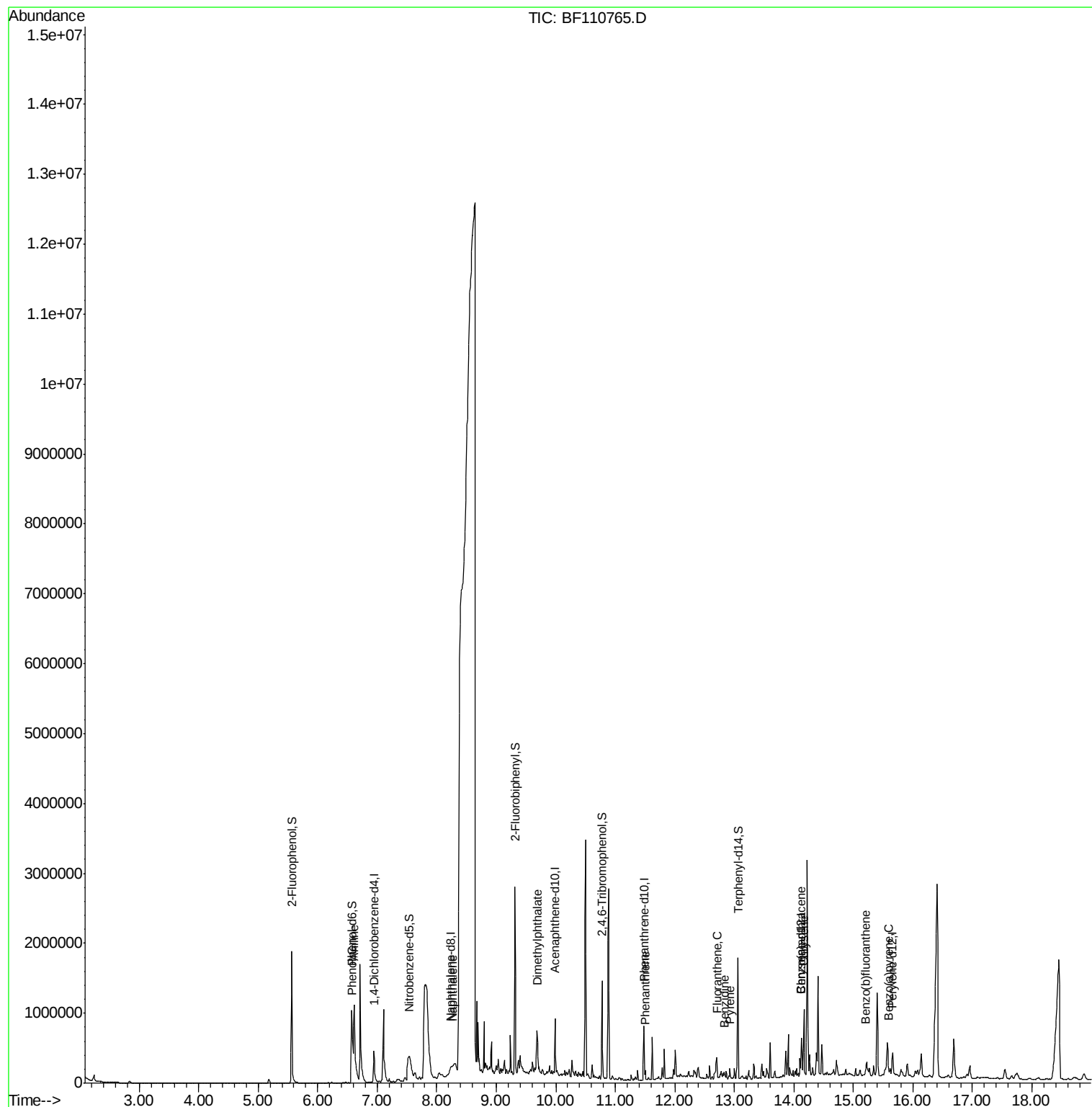
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
Data File : BF110765.D
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Sample : J5930-01
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

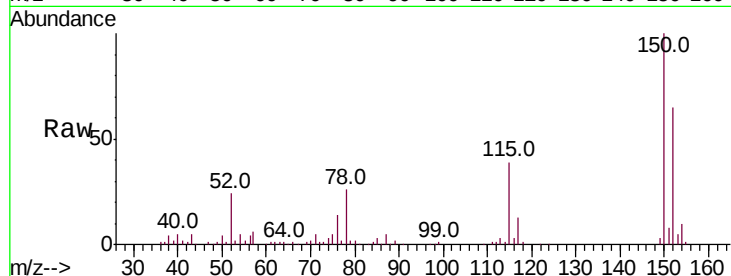
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.7	184.1
115	60.1	49.1	73.7

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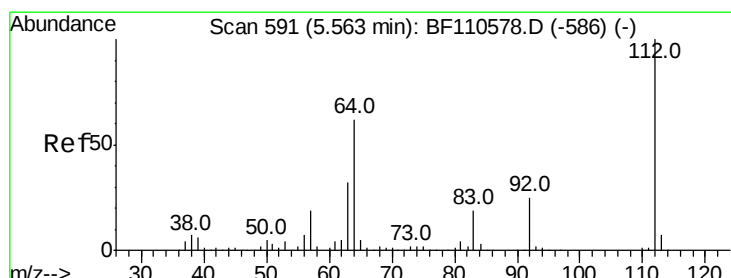
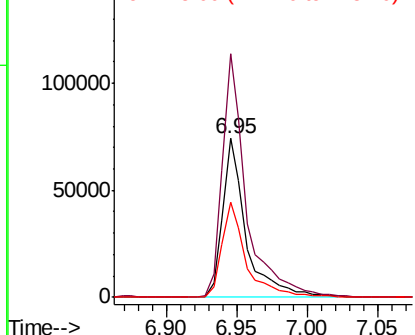
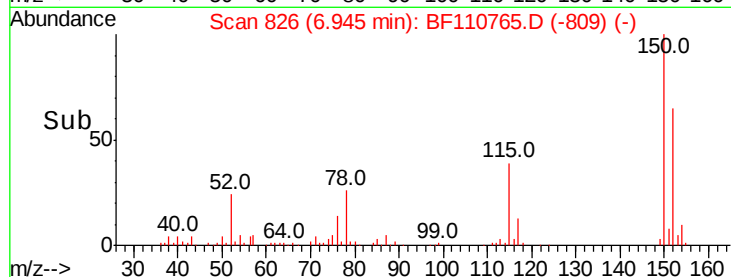


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

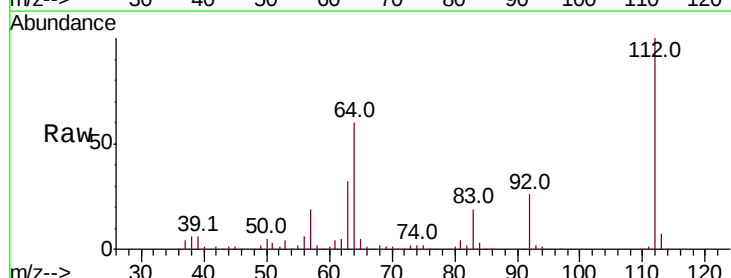
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.033 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	44.1	66.1
63	32.3	23.7	35.5

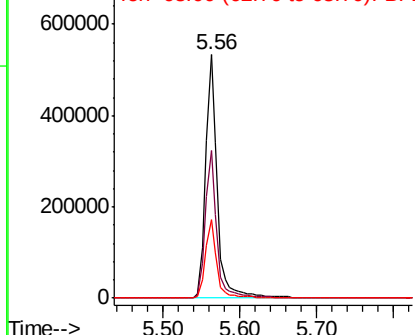
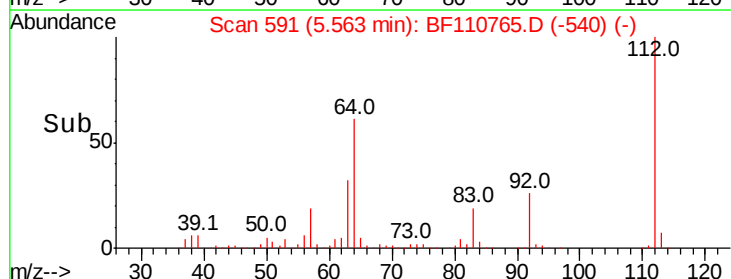


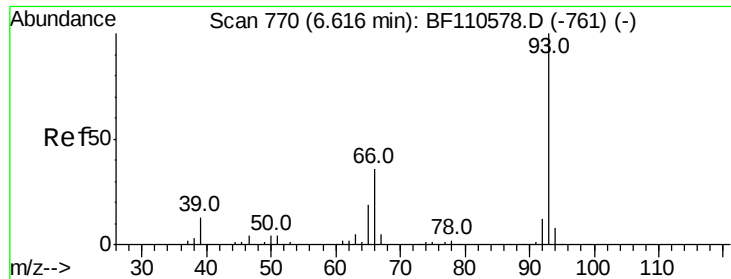
Abundance

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





#6

Aniline

Concen: 59.234 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

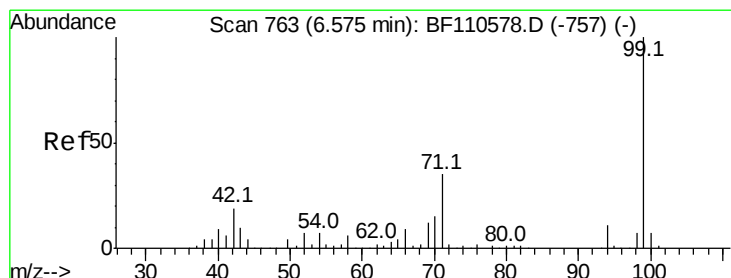
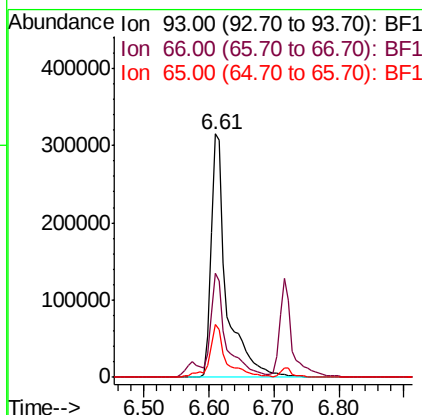
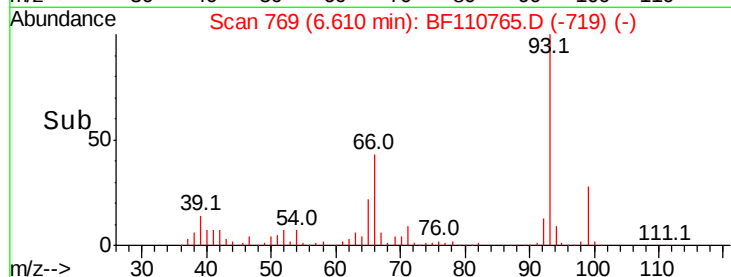
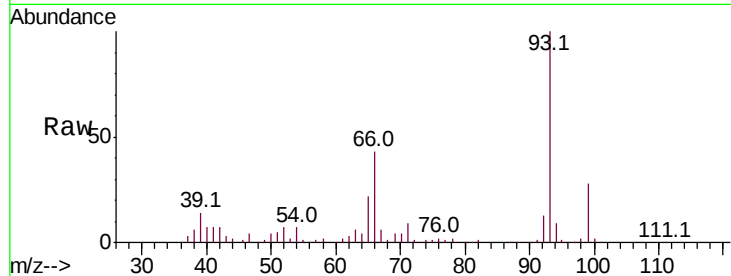
ClientSampleId :

32727-45914-21716

Tot Ion:	93	Resp:	522368
Ion Ratio	Lower	Upper	
93	100		
66	42.5	67.4	101.0#
65	21.6	41.0	61.4#

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#7

Phenol-d6

Concen: 114.421 ng

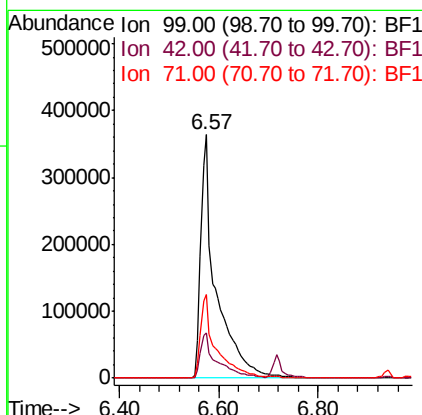
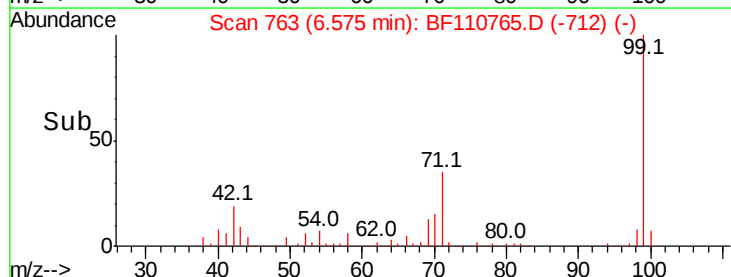
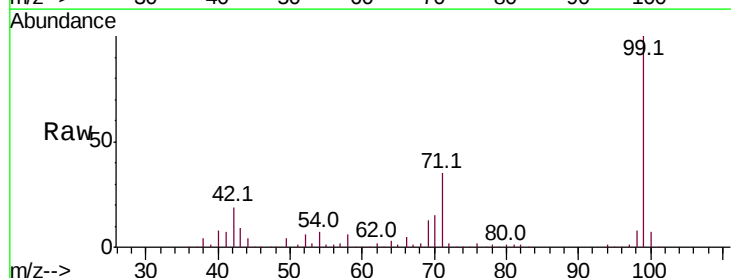
RT: 6.57 min Scan# 763

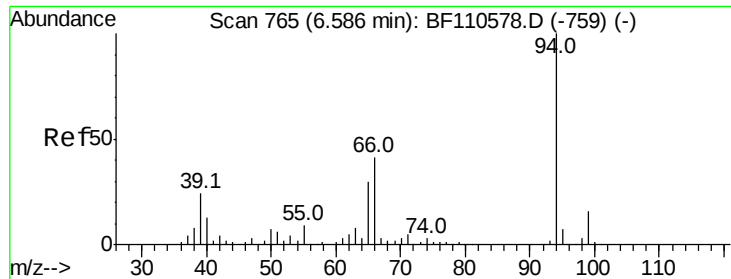
Delta R.T. 0.00 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Tgt Ion:	99	Resp:	773755
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.8	23.6
71	34.5	28.0	42.0





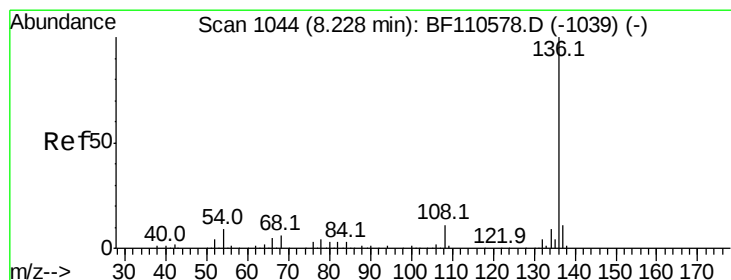
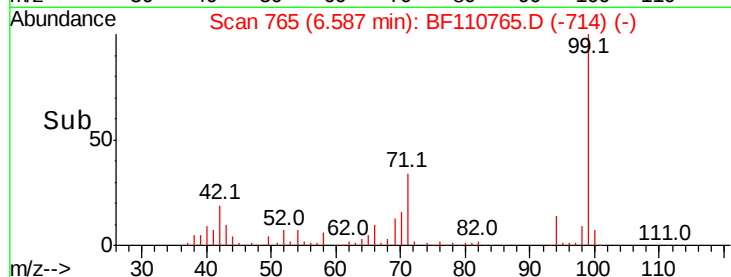
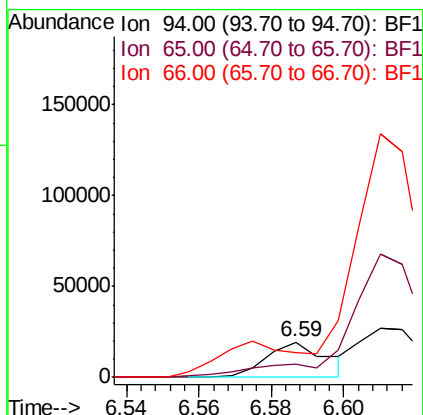
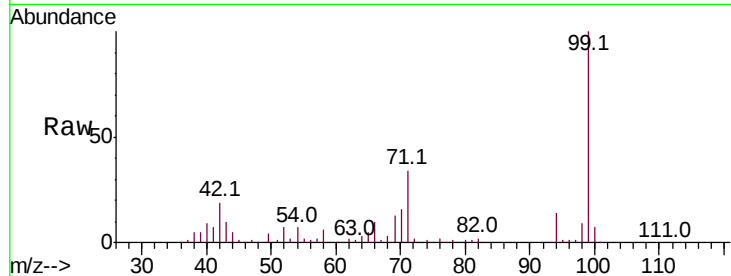
#10
Phenol
Concen: 2.867 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion	Ratio	Lower	Upper
94	100		
65	38.6	25.3	65.3
66	71.6	54.5	94.5

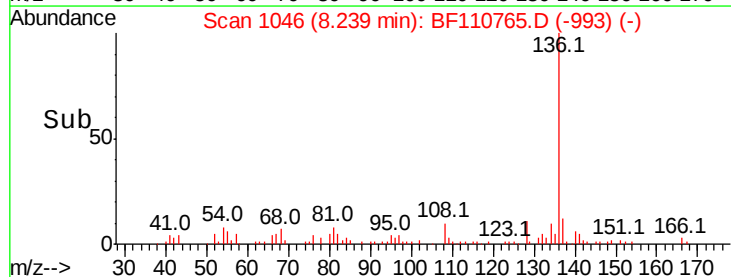
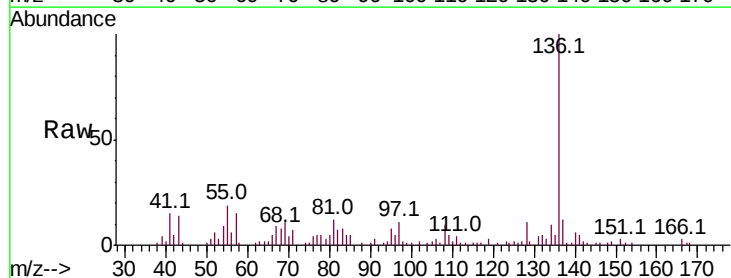
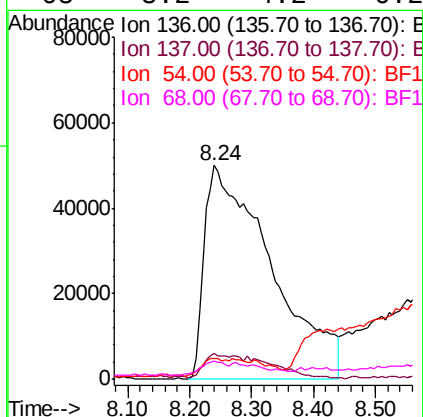
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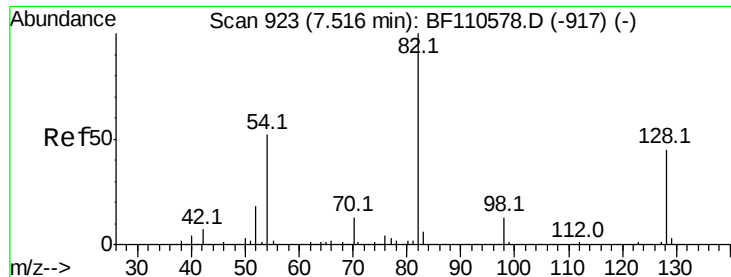
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	9.3	5.4	8.2#
68	8.2	4.2	6.2#





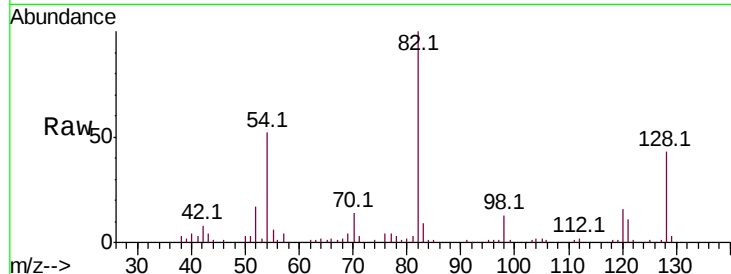
#23
 Nitrobenzene-d5
 Concen: 72.223 ng
 RT: 7.54 min Scan# 927
 Delta R.T. 0.02 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 32727-45914-21716

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.2	51.2
54	52.0	38.6	58.0

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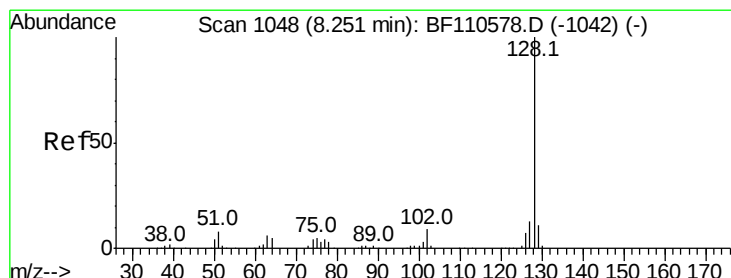
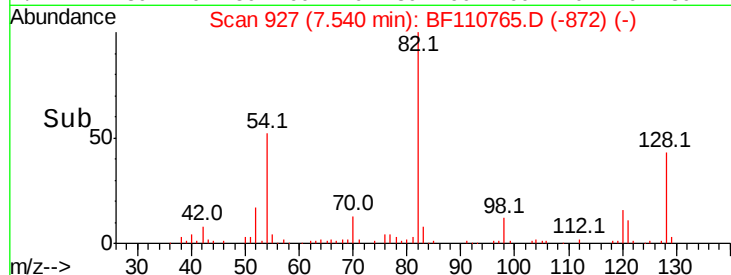
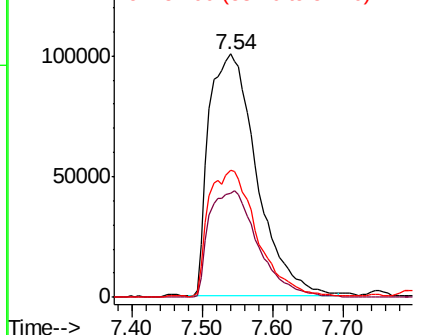


Abundance

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



#31
 Naphthalene
 Concen: 4.632 ng m
 RT: 8.26 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

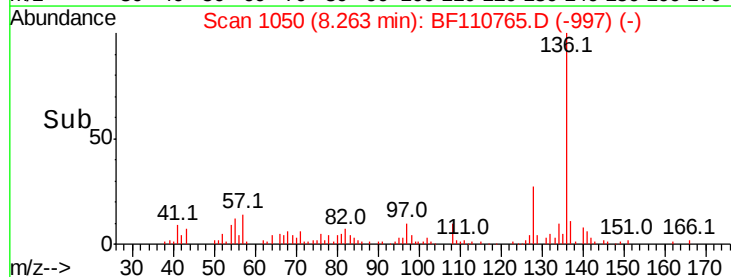
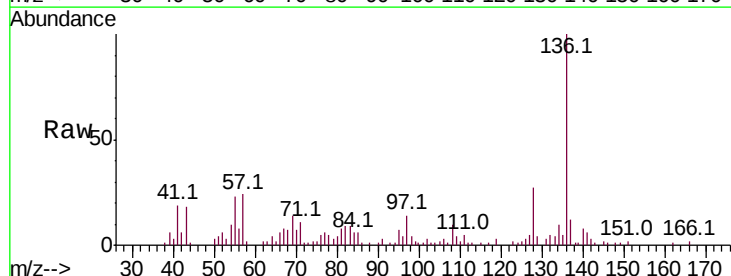
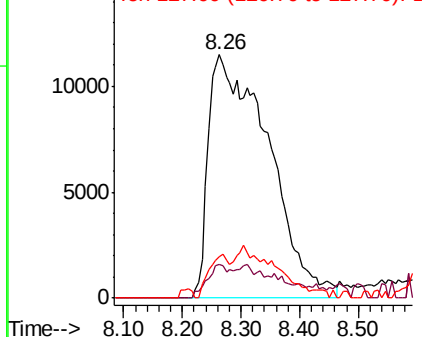
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.8	13.2#
127	17.2	10.8	16.2#

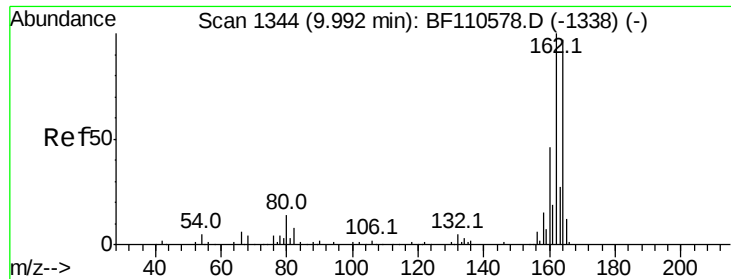
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





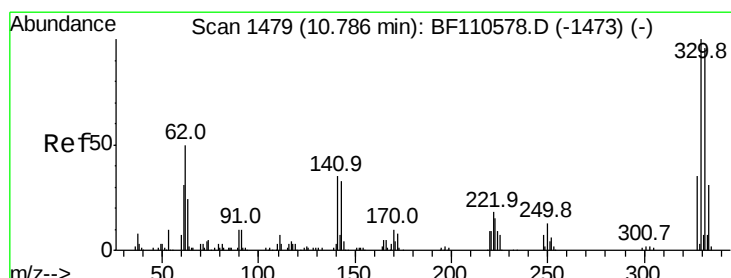
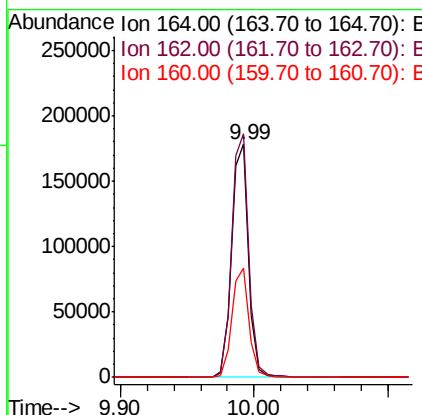
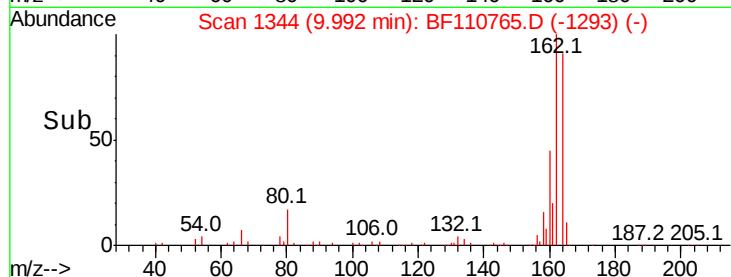
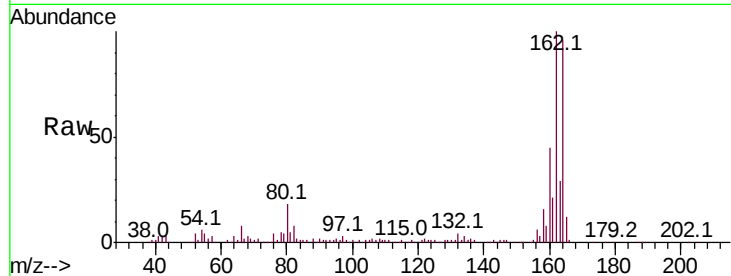
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	83.0	124.6	
160	47.1	37.0	55.6	

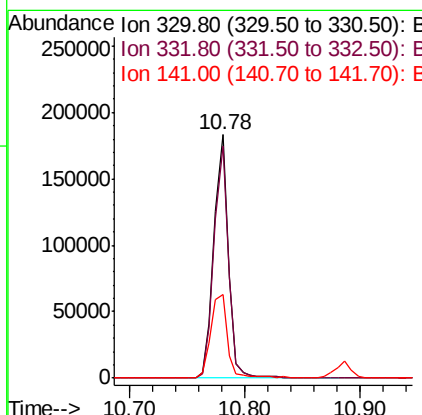
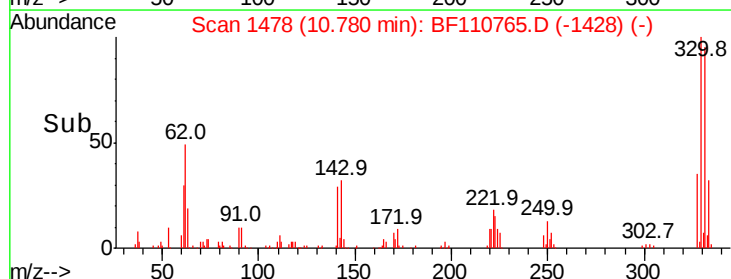
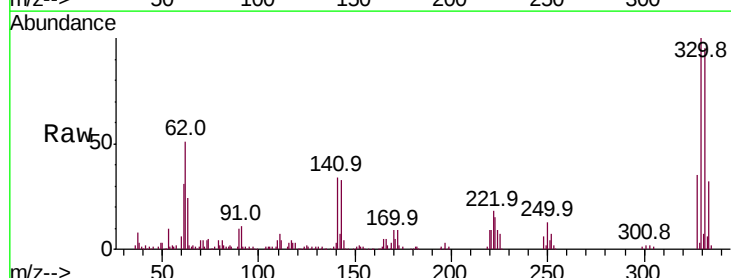
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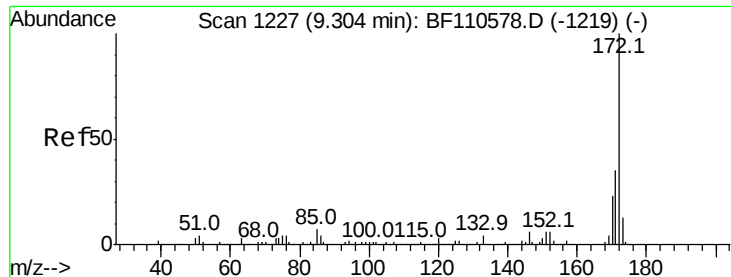
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#42
2,4,6-Tribromophenol
Concen: 100.264 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.1	115.7	
141	38.8	27.0	40.4	





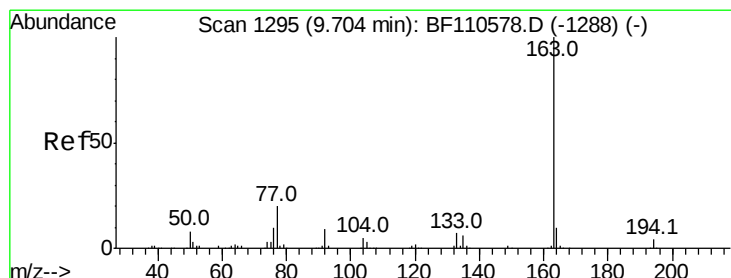
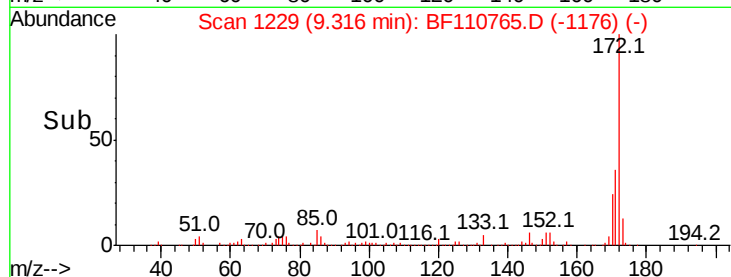
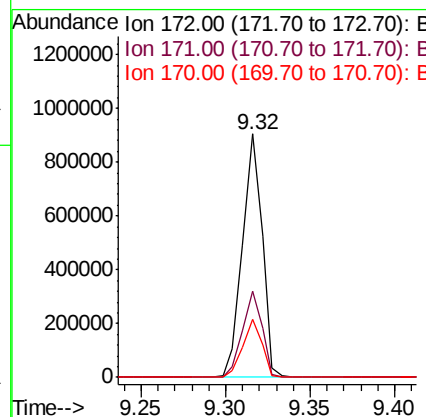
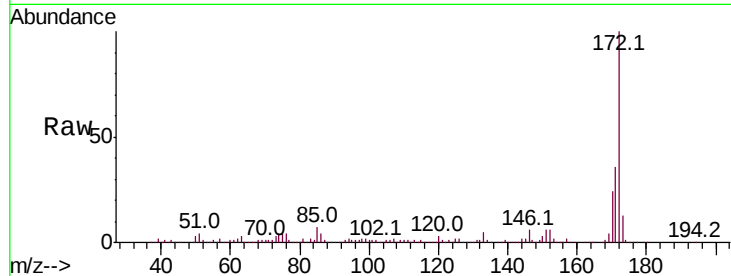
#45
2-Fluorobiphenyl
Concen: 66.094 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
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32727-45914-21716

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.7	19.7	29.5

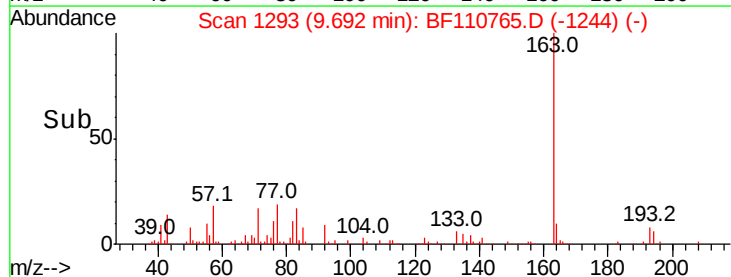
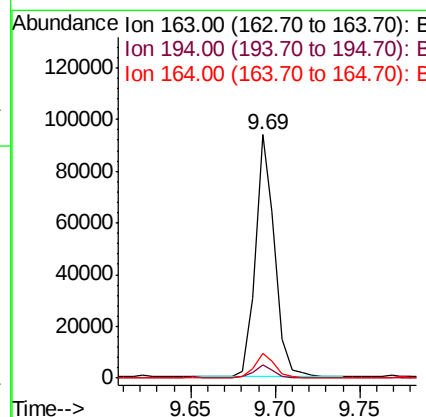
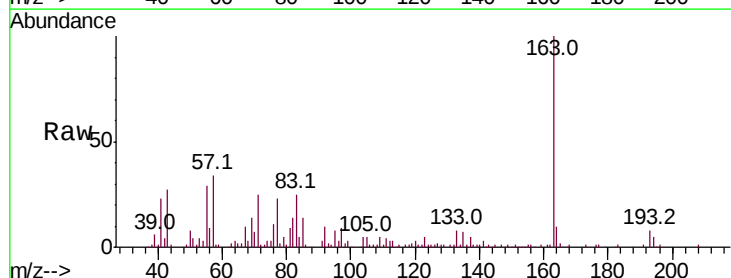
Manual Integrations
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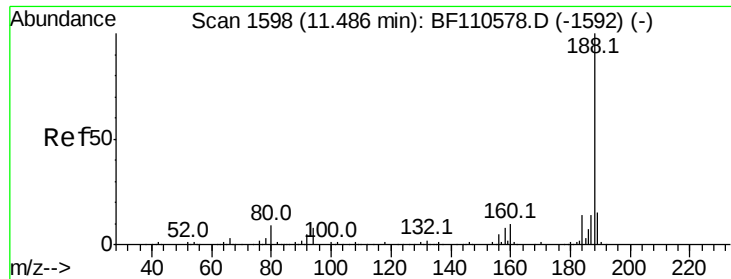
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#50
Dimethylphthalate
Concen: 6.316 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.2	4.8#
164	10.1	8.1	12.1





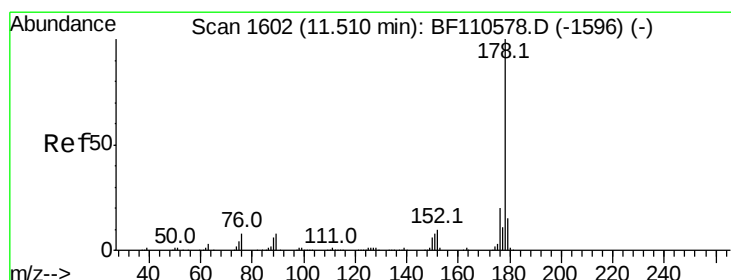
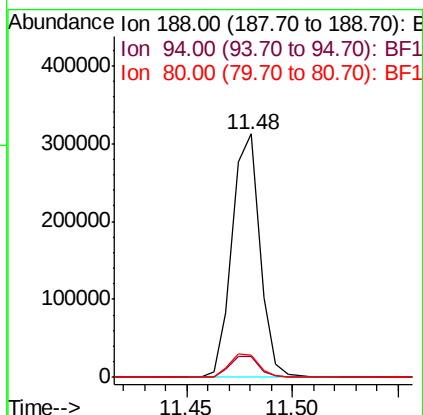
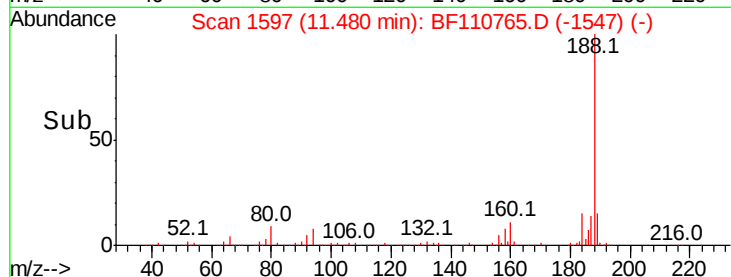
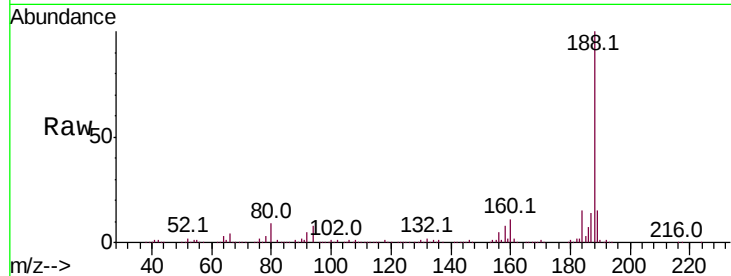
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion	Ratio	Resp	Lower	Upper
188	100	284902		
94	8.4		7.2	10.8
80	9.1		7.9	11.9

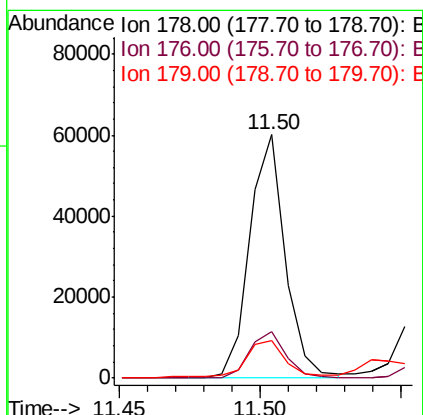
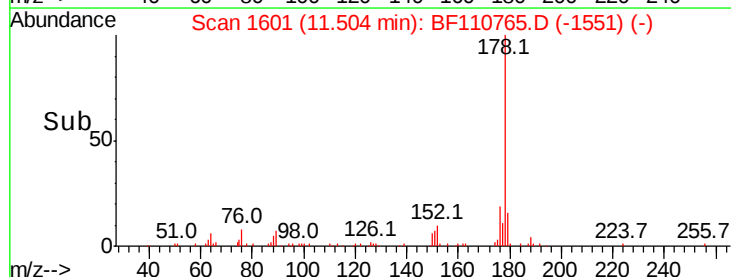
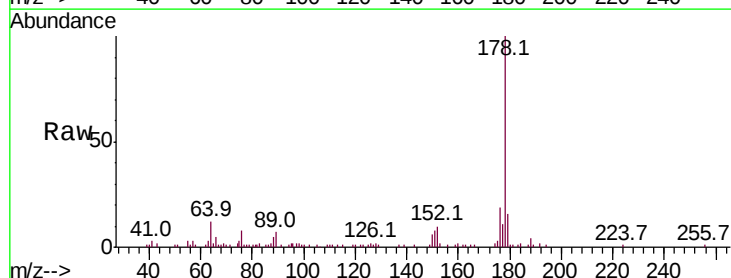
Manual Integrations
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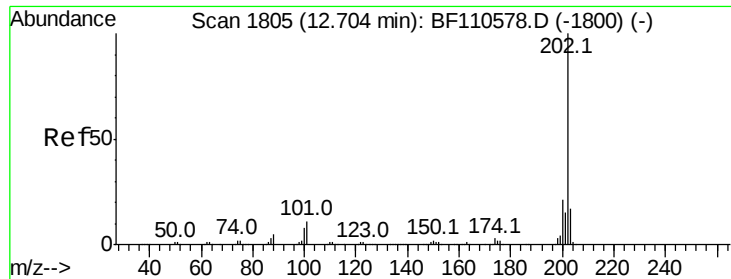
Sohil
11/15/2018 10:59:24 AM



#71
Phenanthrene
Concen: 3.442 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52543		
176	19.2		15.5	23.3
179	15.7		12.5	18.7





#75

Fluoranthene

Concen: 4.378 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

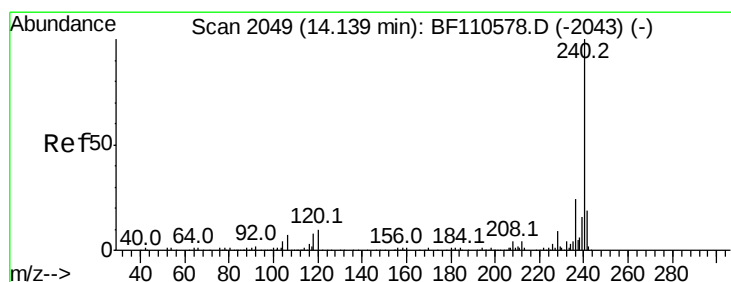
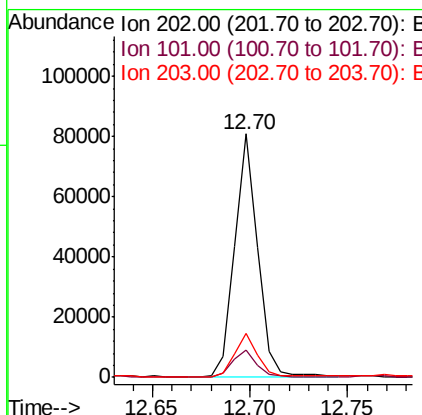
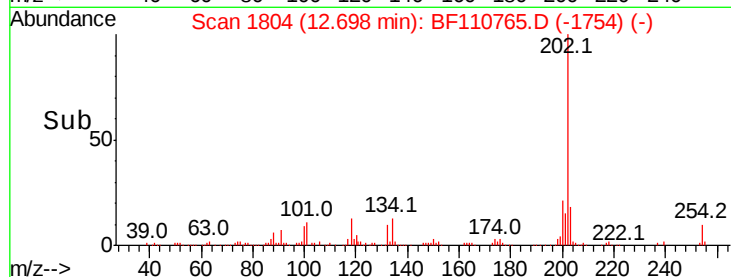
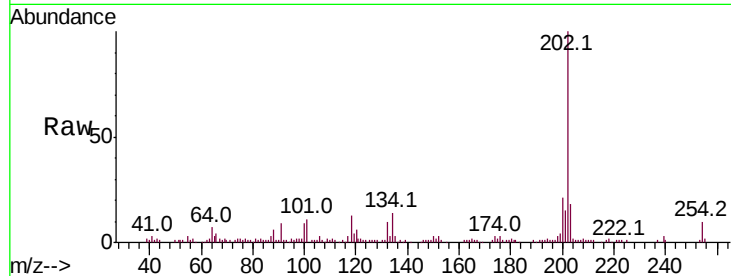
ClientSampleId :

32727-45914-21716

Tot Ion:	202	Resp:	66996
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.4
203	17.9	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

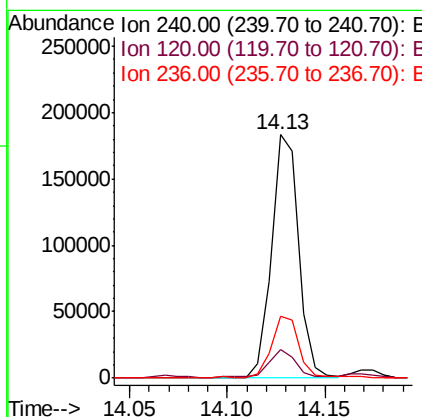
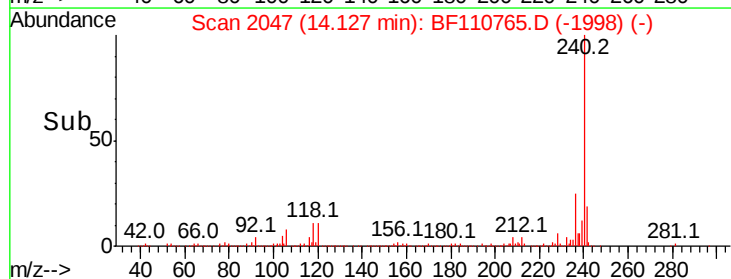
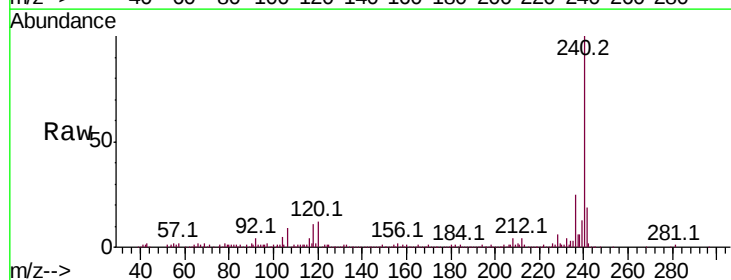
RT: 14.13 min Scan# 2047

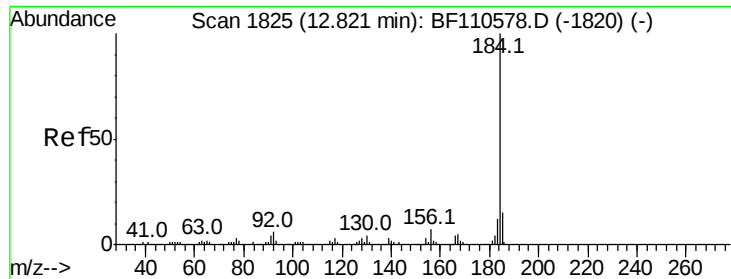
Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Tgt Ion:	240	Resp:	176276
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.3	12.5
236	25.3	21.2	31.8





#77

Benzidine

Concen: 2.962 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

Instrument :

BNA_F

ClientSampleId :

32727-45914-21716

Tot Ion:184 Resp: 14359

Ion Ratio Lower Upper

184 100

185 17.3 13.4 20.2

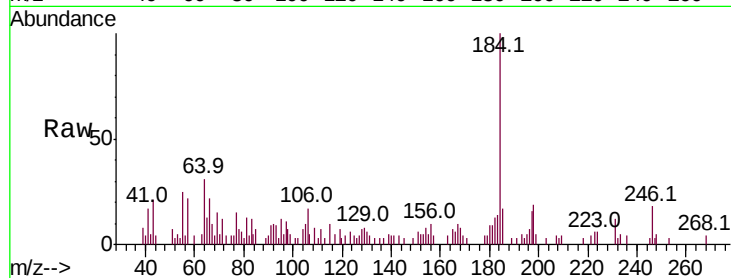
183 13.9 9.4 14.2

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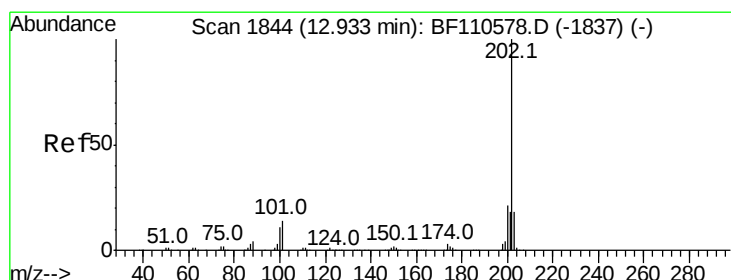
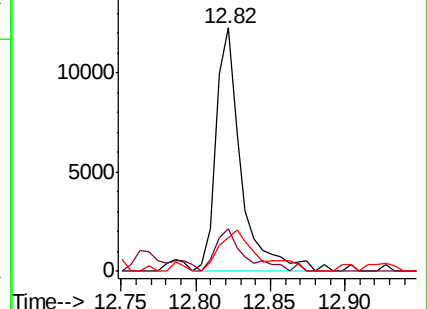
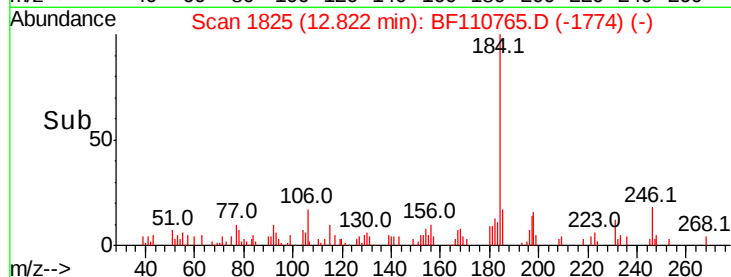
11/15/2018 10:59:24 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 4.180 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110765.D

Acq: 14 Nov 2018 15:39

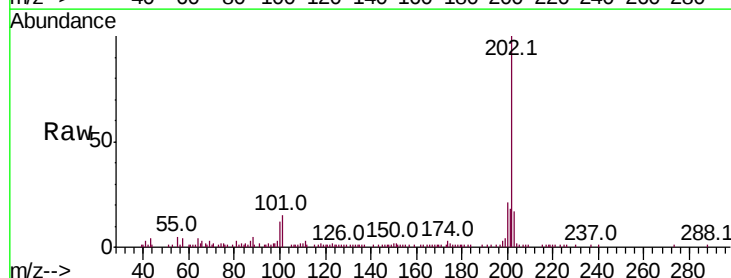
Tgt Ion:202 Resp: 56733

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

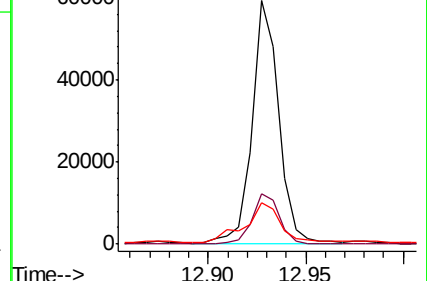
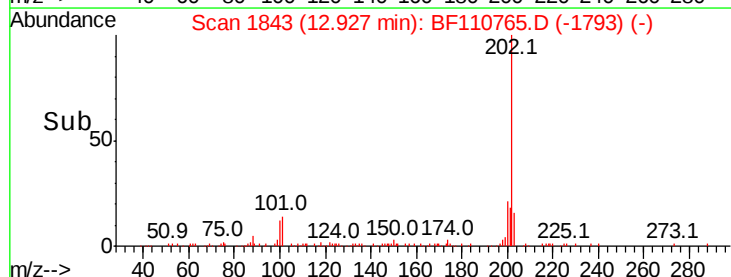
203 17.0 14.2 21.4

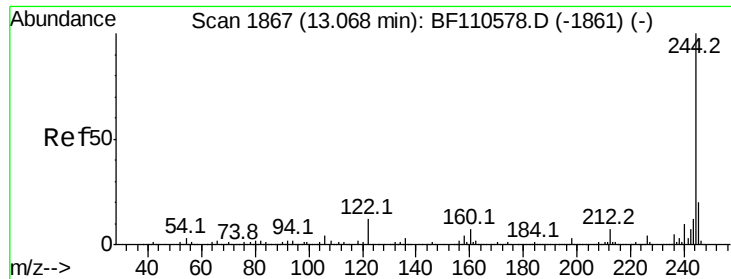


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





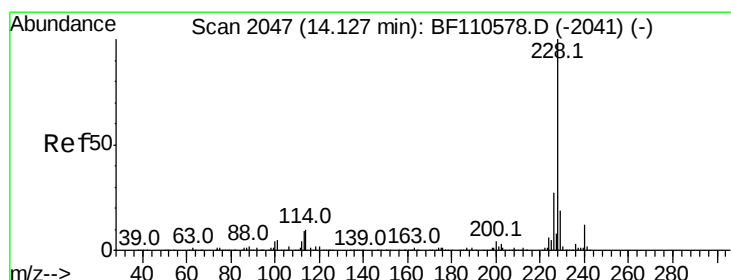
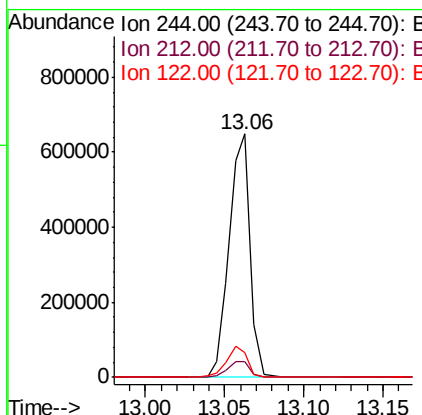
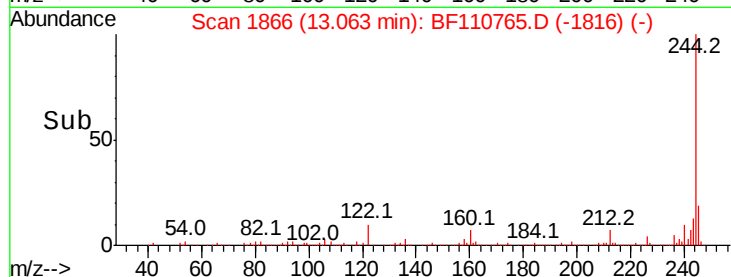
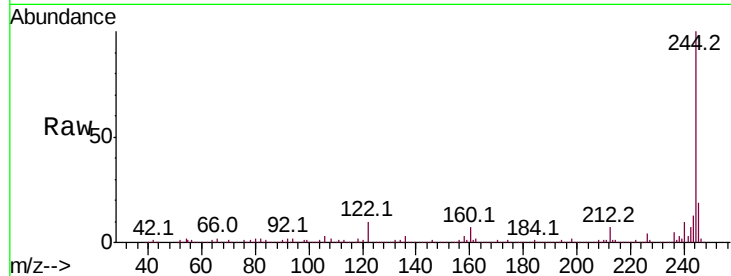
#79
 Terphenyl-d14
 Concen: 62.999 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

Instrument :
 BNA_F
 ClientSampleId :
 32727-45914-21716

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.2	8.7	13.1

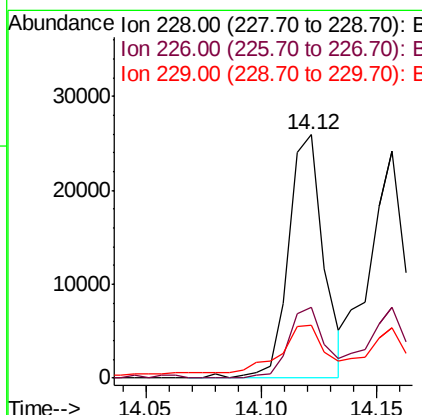
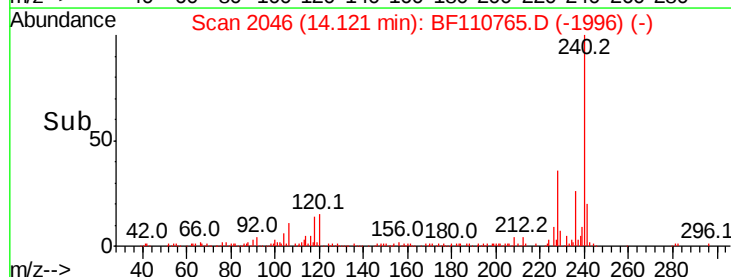
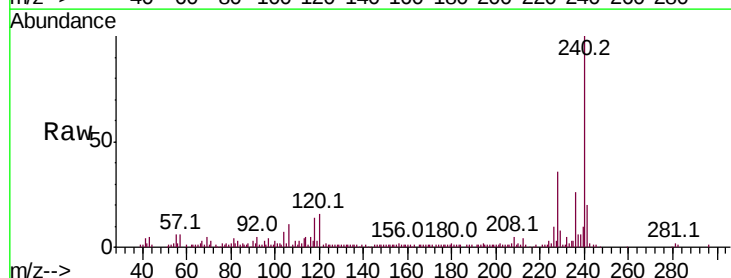
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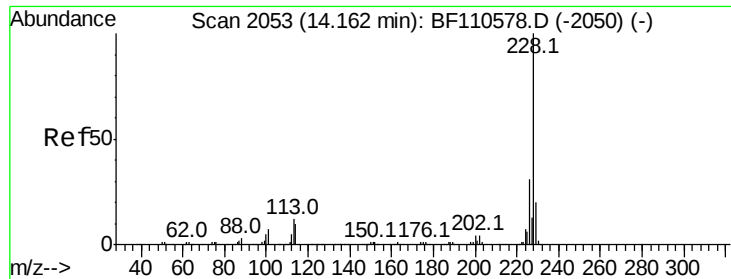
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#81
 Benzo(a)anthracene
 Concen: 2.586 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF110765.D
 Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.1	33.1
229	21.9	15.6	23.4





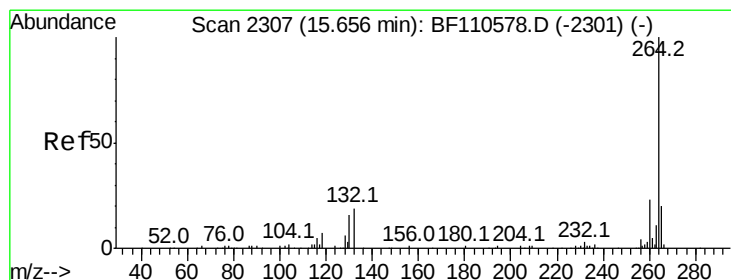
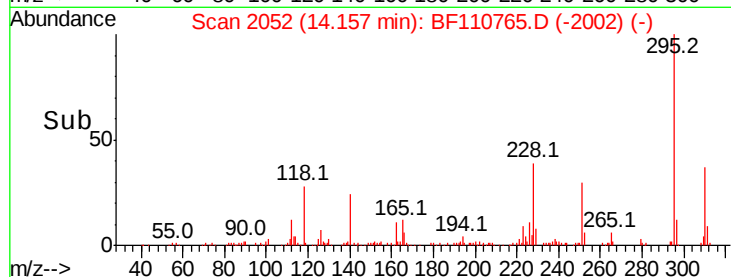
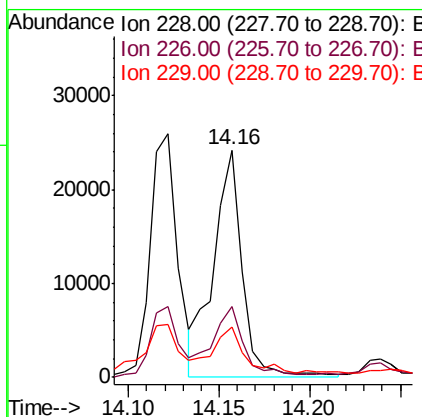
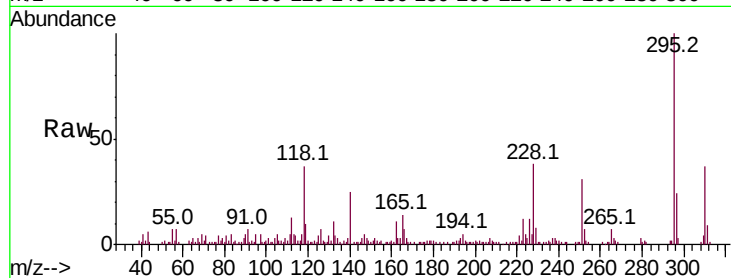
#83
Chrysene
Concen: 2.685 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	22.0	15.9	23.9

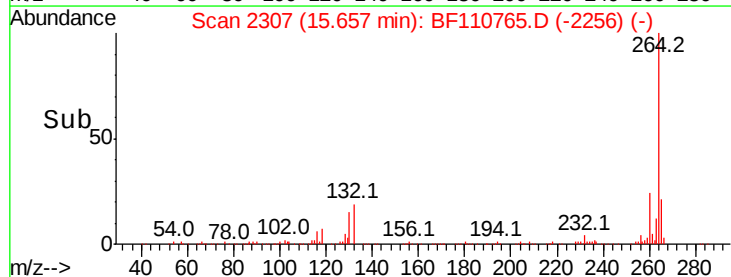
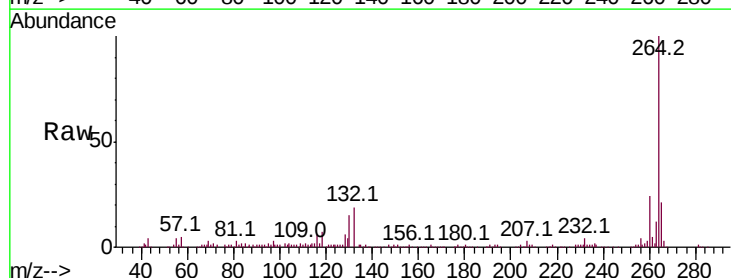
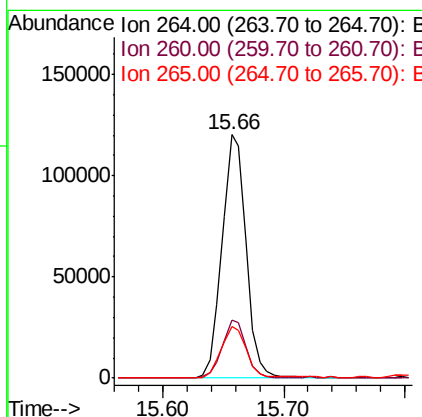
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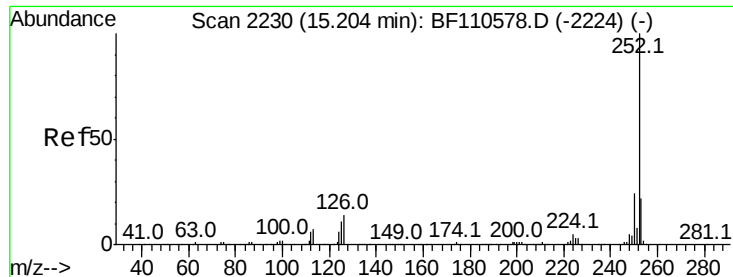
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.2	16.7	25.1





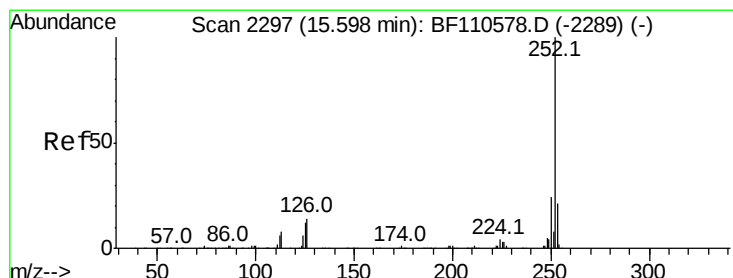
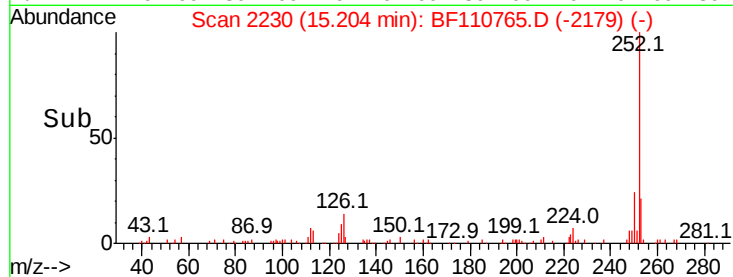
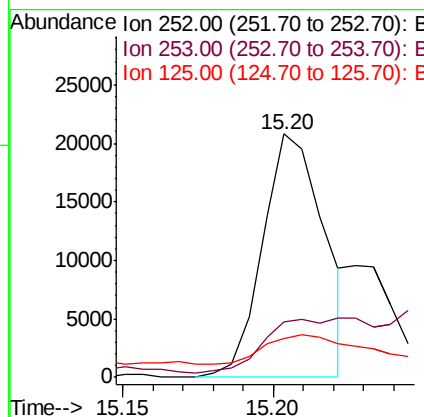
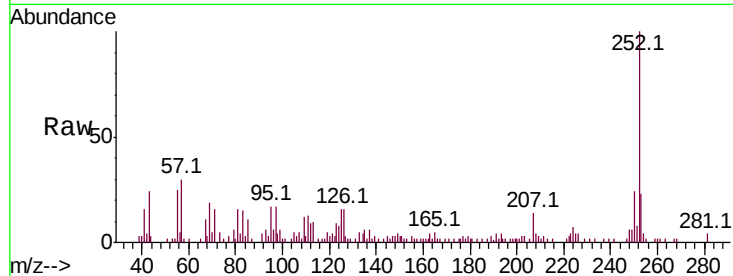
#88
Benzo(b)fluoranthene
Concen: 2.977 ng m
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Instrument :
BNA_F
ClientSampleId :
32727-45914-21716

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	15.9	8.2	12.4

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.562 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110765.D
Acq: 14 Nov 2018 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	60.6	18.2	27.4
125	17.6	9.0	13.6

