

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110278.D
 Acq On : 29 Oct 2018 22:39
 Operator : JU/SJ
 Sample : J5685-05 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-29

Manual Integrations
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Quant Time: Oct 30 08:31:52 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	110389	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	440043	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	182739	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	267923	20.00	ng	0.00
76) Chrysene-d12	14.16	240	195491	20.00	ng	0.00
87) Perylene-d12	15.69	264	143218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	134658	19.86	ng	0.00
7) Phenol-d6	6.58	99	176258	20.33	ng	-0.01
23) Nitrobenzene-d5	7.53	82	102225	13.78	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	28362	15.67	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	209884	18.04	ng	0.00
79) Terphenyl-d14	13.09	244	134252	14.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.72	163	31814	2.358	ng	98
58) Fluorene	10.56	166	26231	2.173	ng	93
71) Phenanthrene	11.53	178	342568	24.436	ng	99
72) Anthracene	11.58	178	124598	8.867	ng	98
75) Fluoranthene	12.73	202	636179	44.714	ng	97
78) Pyrene	12.96	202	565581	40.355	ng	98
81) Benzo(a)anthracene	14.14	228	323762	27.927	ng	98
83) Chrysene	14.18	228	251747	22.863	ng	97
86) Indeno(1,2,3-cd)pyrene	17.25	276	110585	12.106	ng	99
88) Benzo(b)fluoranthene	15.23	252	306685m	37.083	ng	
89) Benzo(k)fluoranthene	15.26	252	92540m	11.382	ng	
90) Benzo(a)pyrene	15.62	252	203206	26.702	ng	99
91) Dibenzo(a,h)anthracene	17.26	278	29981m	4.566	ng	
92) Benzo(a,h,i)perylene	17.74	276	103928	16.062	ng	98

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

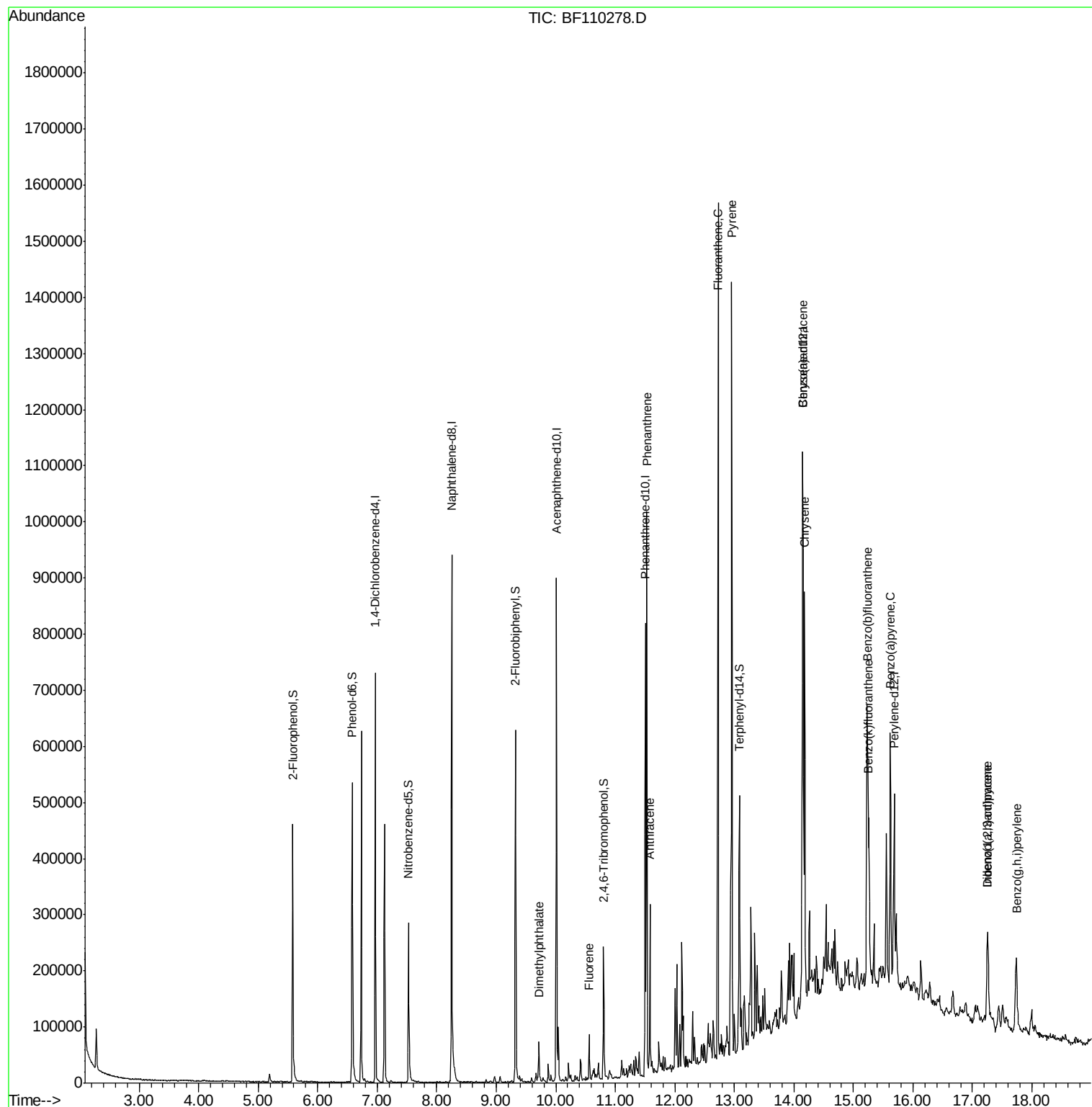
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110278.D
Acq On : 29 Oct 2018 22:39
Operator : JU/SJ
Sample : J5685-05 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

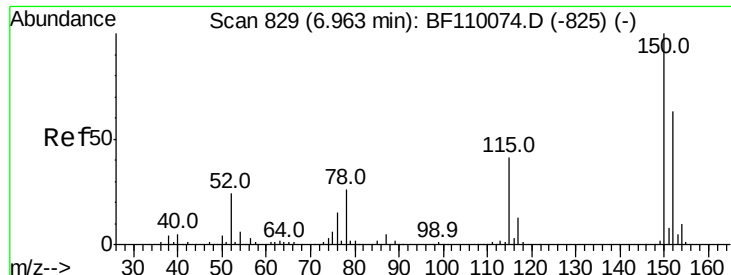
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

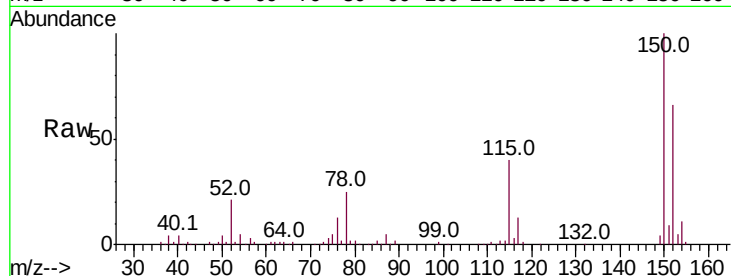
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.7	184.1
115	60.9	49.1	73.7

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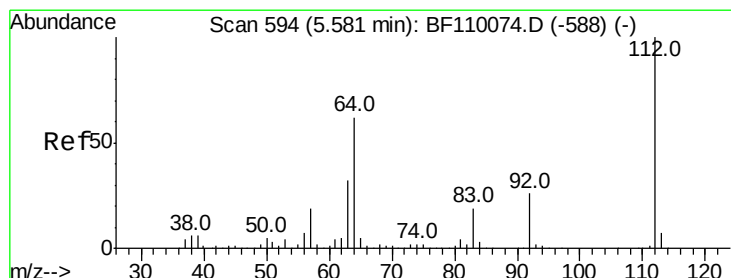
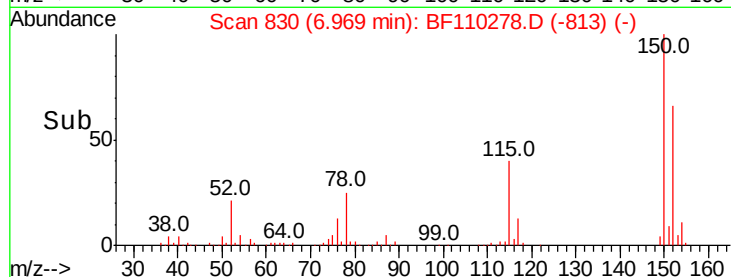
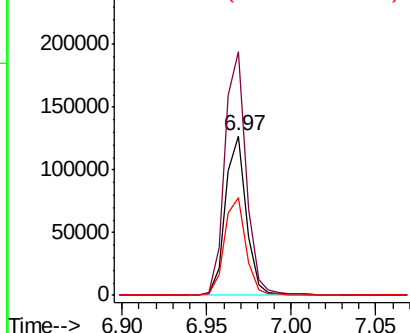


Abundance

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: 19.865 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

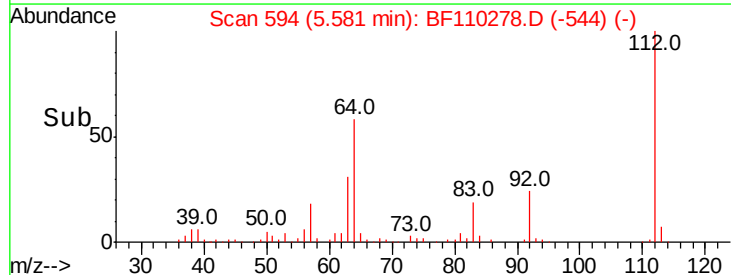
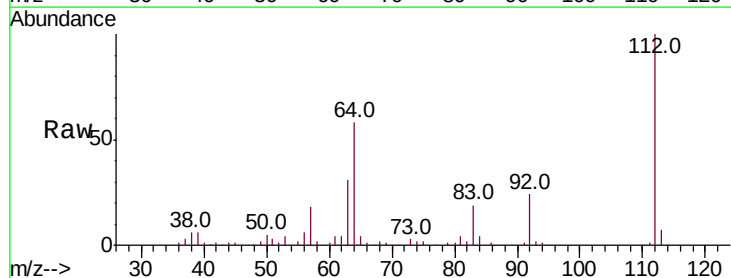
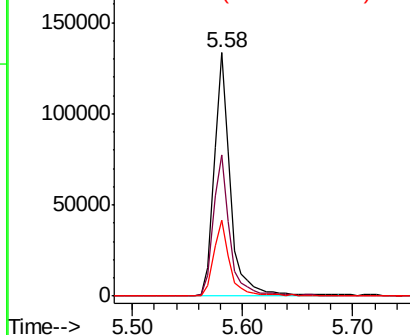
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.1	66.1
63	31.4	23.7	35.5

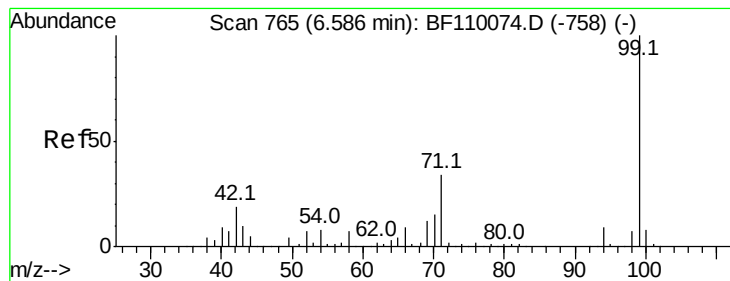
Abundance

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: 20.328 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110278.D

Acq: 29 Oct 2018 22:39

Instrument :

BNA_F

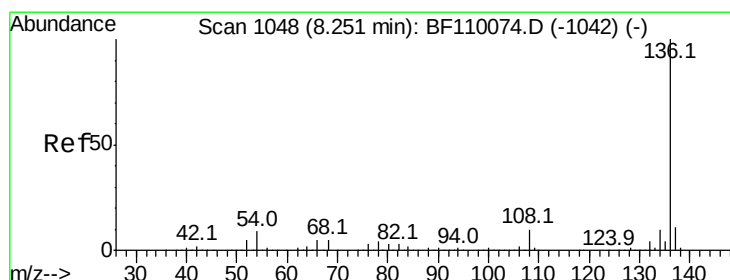
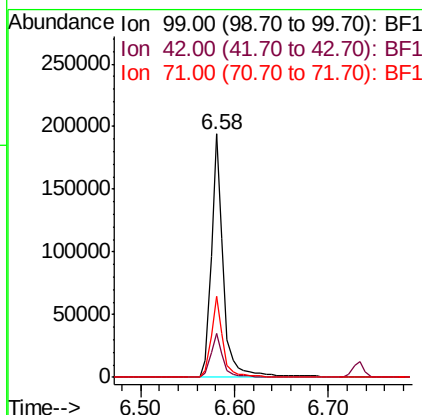
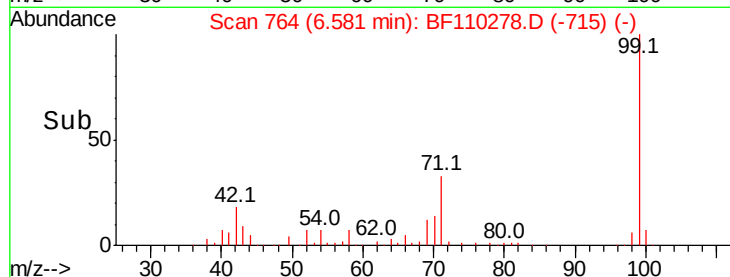
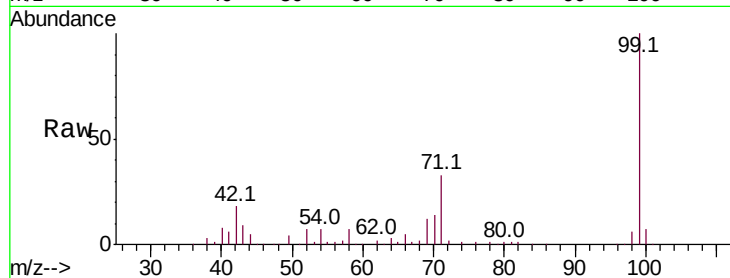
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		176258		
42	18.1	15.8	23.6		
71	33.5	28.0	42.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

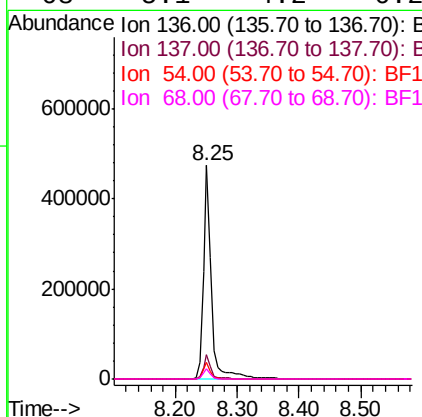
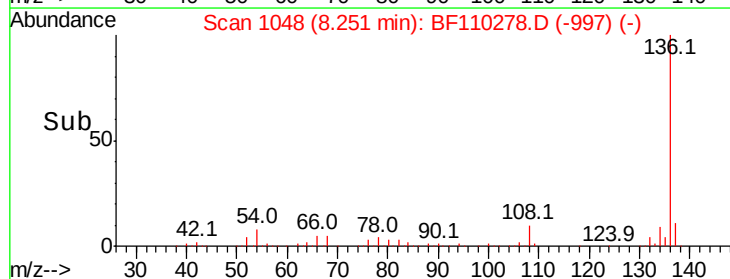
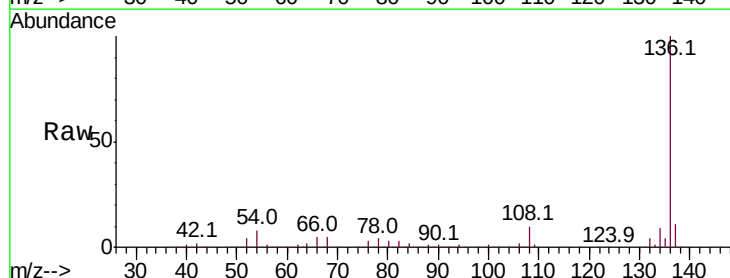
RT: 8.25 min Scan# 1048

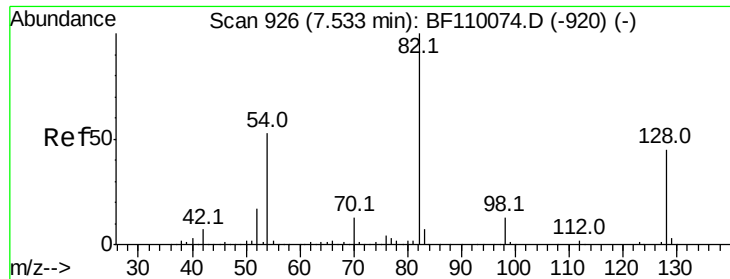
Delta R.T. -0.00 min

Lab File: BF110278.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		440043		
137	11.5	8.8	13.2		
54	7.7	5.4	8.2		
68	5.1	4.2	6.2		





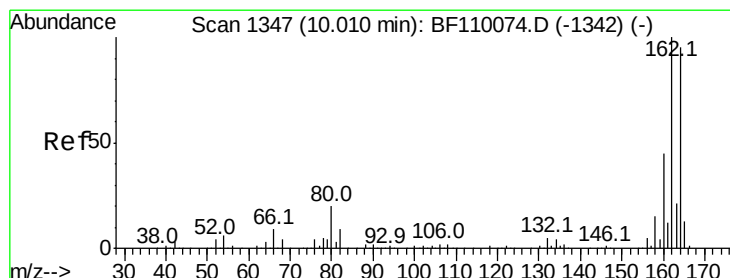
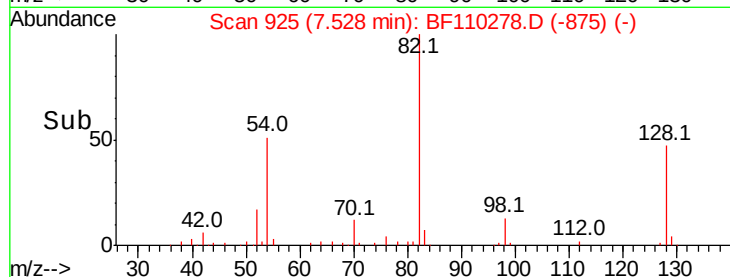
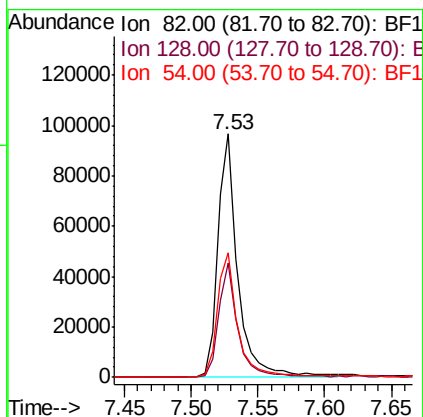
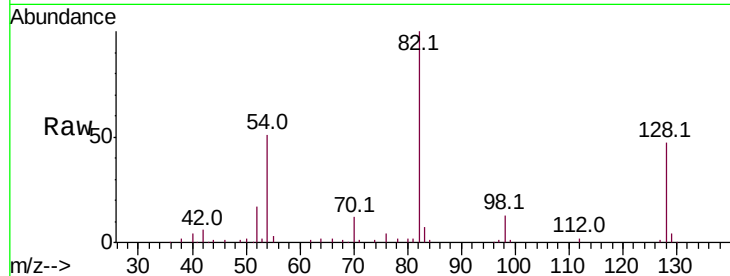
#23
 Nitrobenzene-d5
 Concen: 13.779 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.2	51.2
54	51.4	38.6	58.0

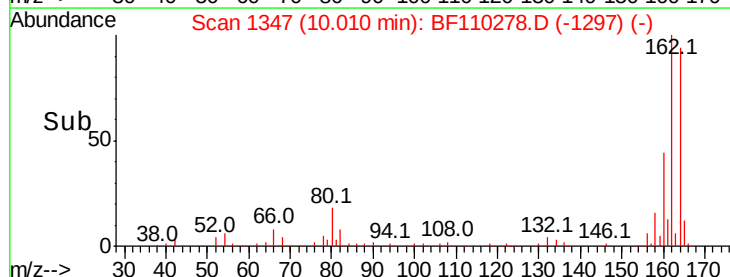
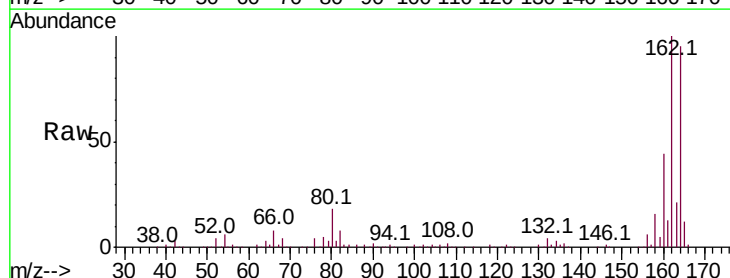
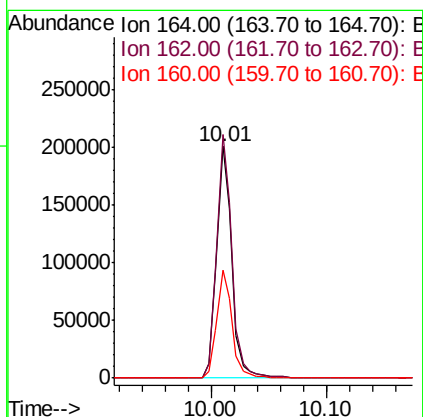
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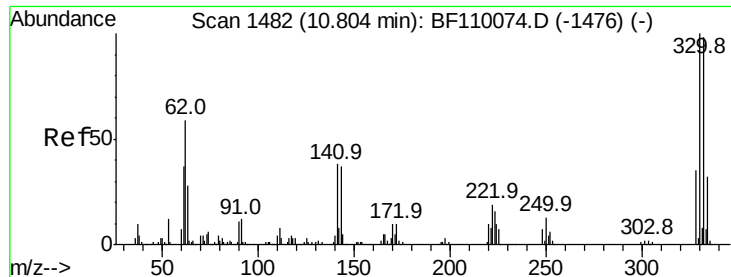
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.0	124.6
160	46.7	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 15.668 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110278.D

Acq: 29 Oct 2018 22:39

Instrument :

BNA_F

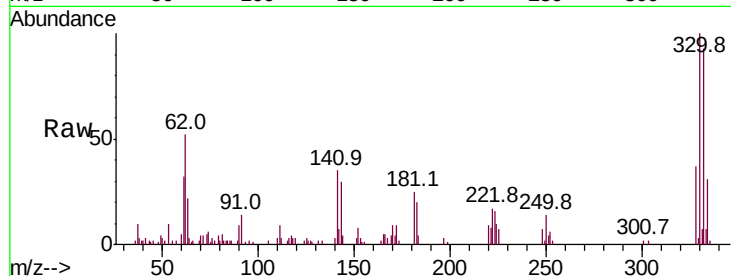
ClientSampleId :

DOCUMENTATION-29

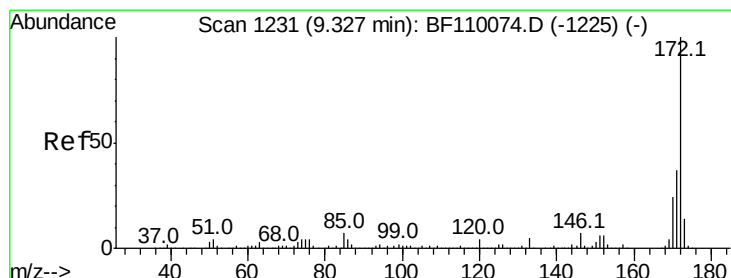
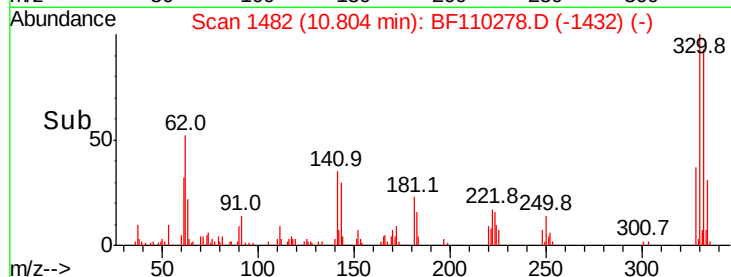
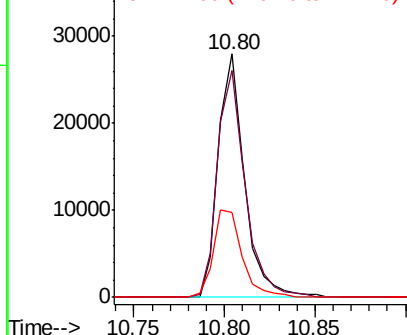
Tot Ion:	330	Resp:	28362
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.1	115.7
141	38.9	27.0	40.4

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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: 18.035 ng

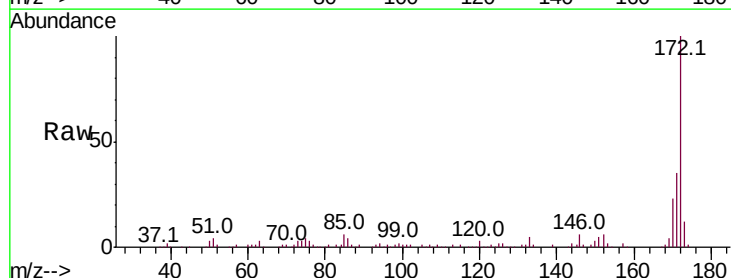
RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

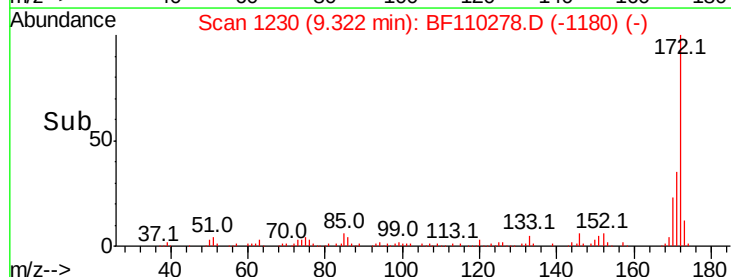
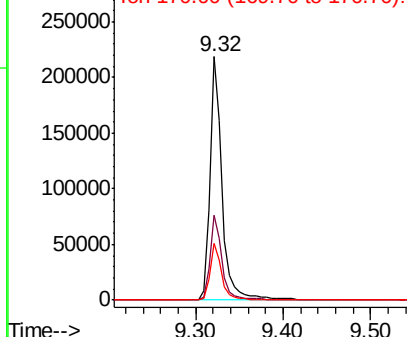
Lab File: BF110278.D

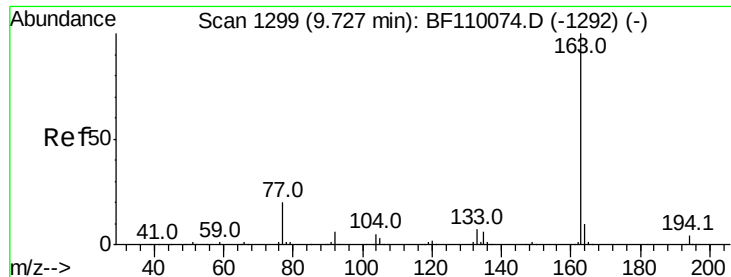
Acq: 29 Oct 2018 22:39

Tgt Ion:	172	Resp:	209884
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.6	43.0
170	23.5	19.7	29.5



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





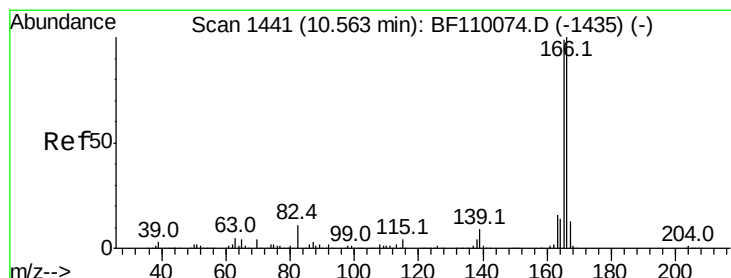
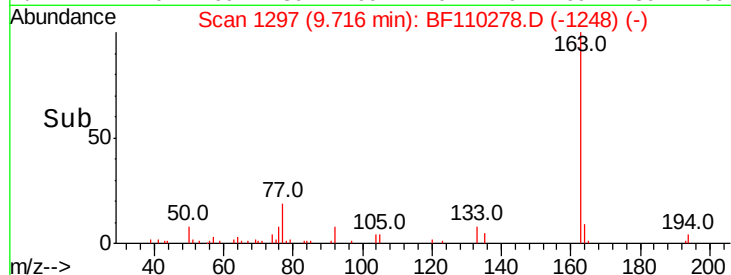
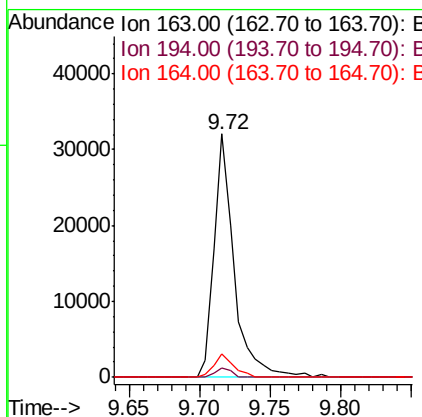
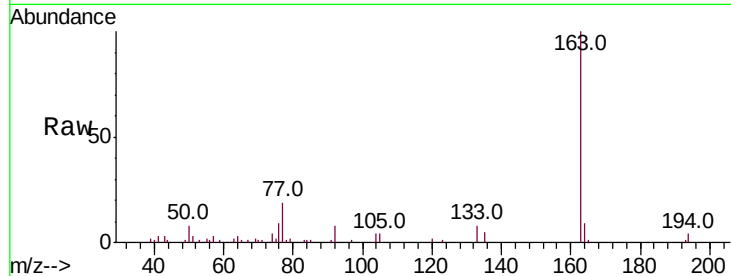
#50
Dimethylphthalate
Concen: 2.358 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

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BNA_F
ClientSampleId :
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Tot Ion:	163	Resp:	31814
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	9.4	8.1	12.1

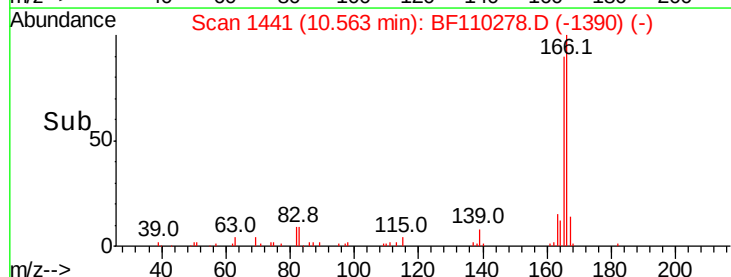
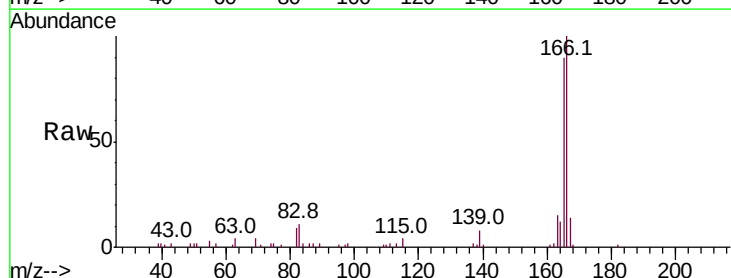
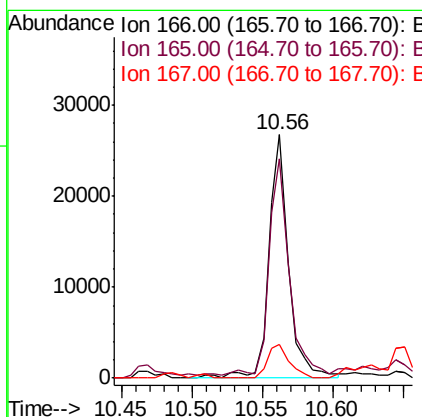
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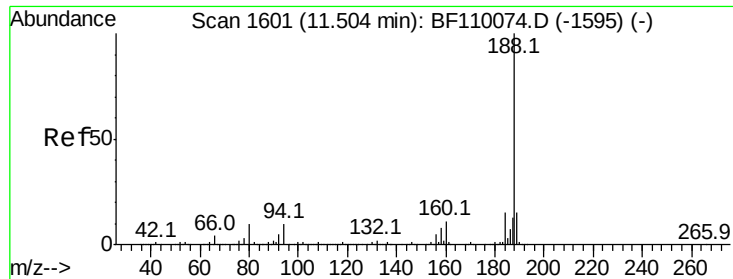
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#58
Fluorene
Concen: 2.173 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Tgt Ion:	166	Resp:	26231
Ion Ratio	Lower	Upper	
166	100		
165	89.9	78.6	117.8
167	13.9	10.8	16.2





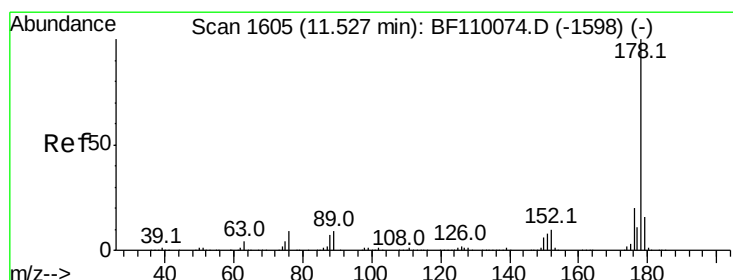
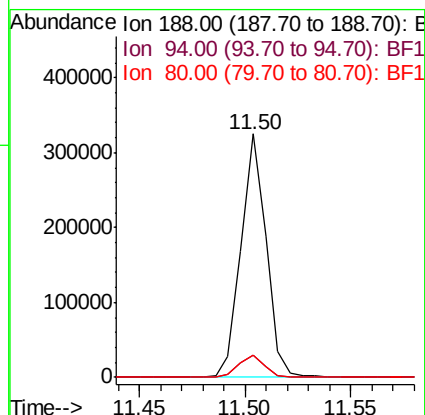
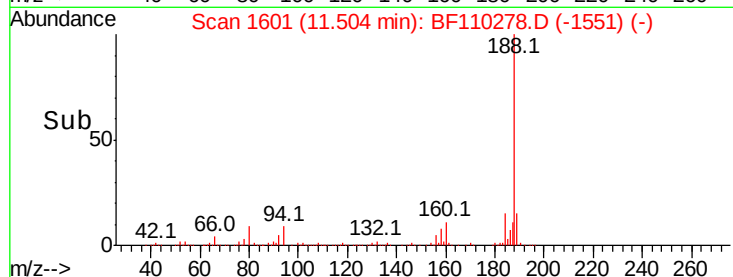
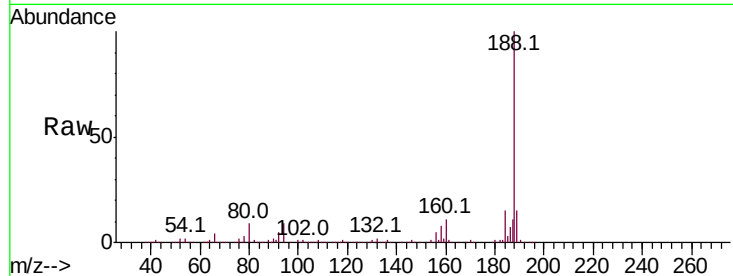
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	267923		
94	9.2		7.2	10.8
80	9.3		7.9	11.9

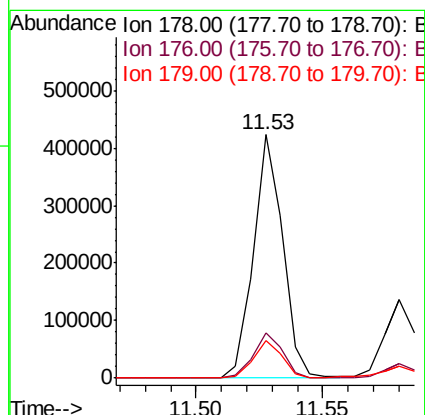
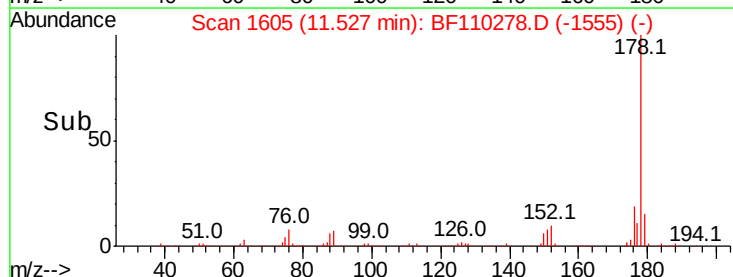
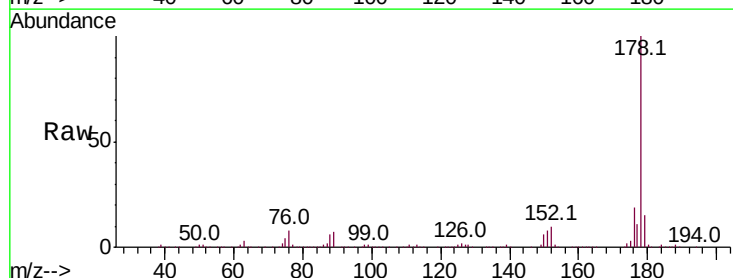
Manual Integrations
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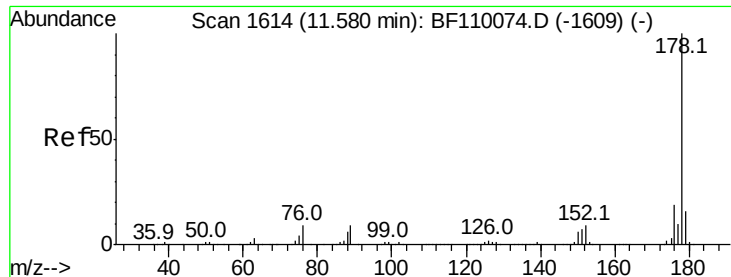
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#71
Phenanthrene
Concen: 24.436 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	342568		
176	18.8		15.5	23.3
179	15.3		12.5	18.7





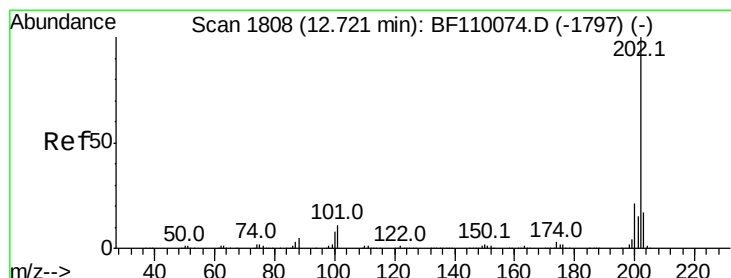
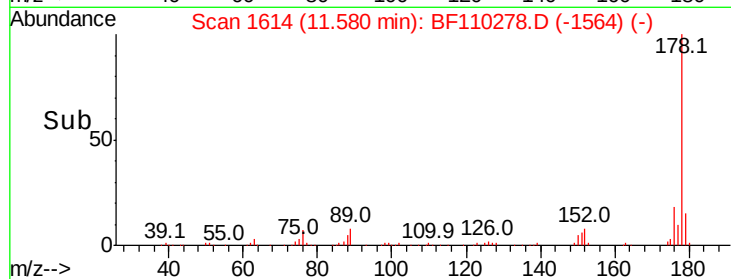
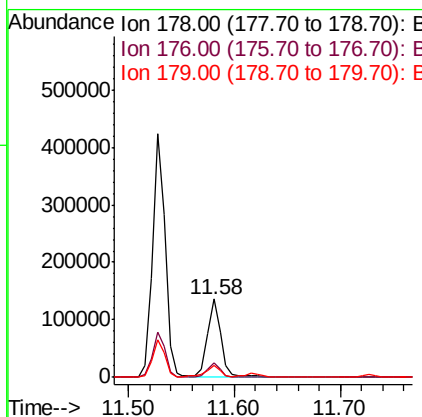
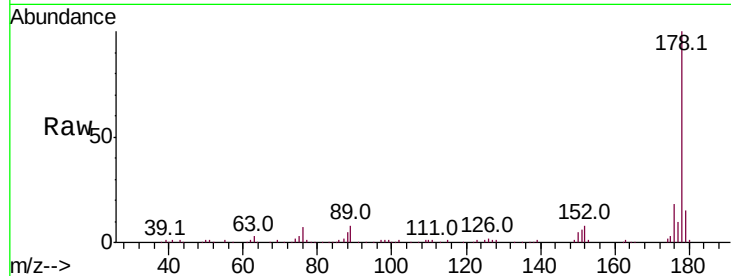
#72
 Anthracene
 Concen: 8.867 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	14.8	12.6	18.8

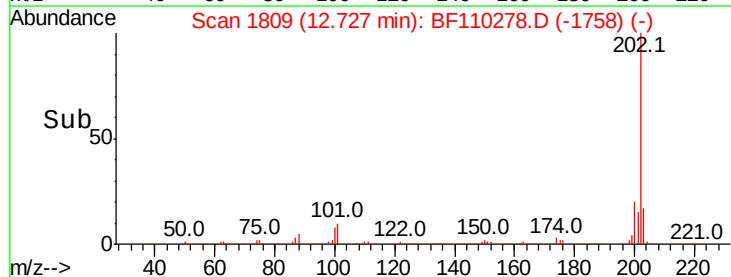
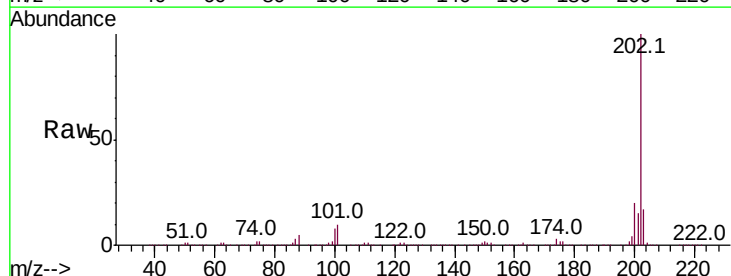
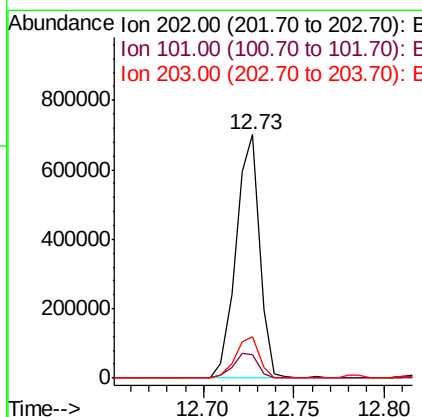
Manual Integrations
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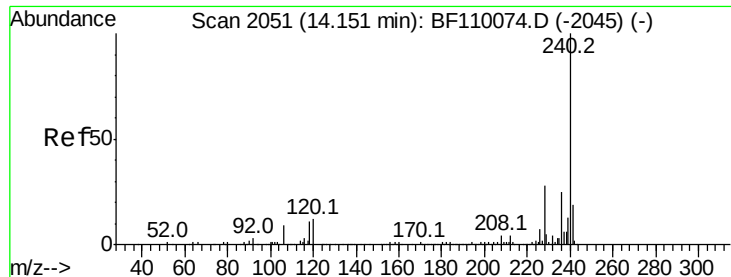
Sohil
 10/30/2018 3:04:20 PM



#75
 Fluoranthene
 Concen: 44.714 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	31.4
203	16.9	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF110278.D

Acq: 29 Oct 2018 22:39

Instrument :

BNA_F

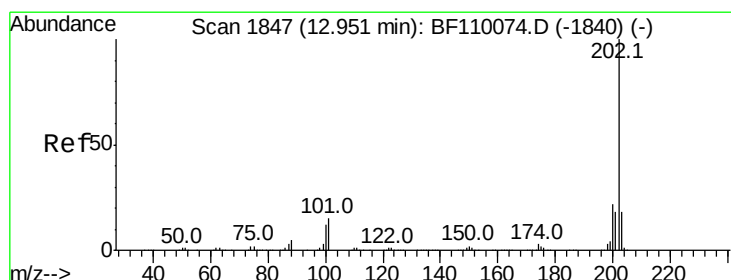
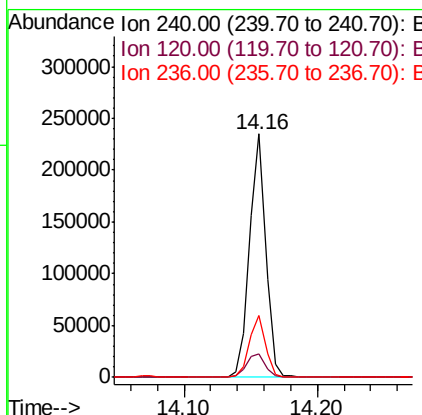
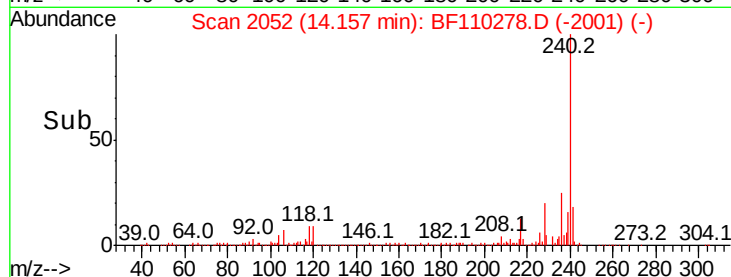
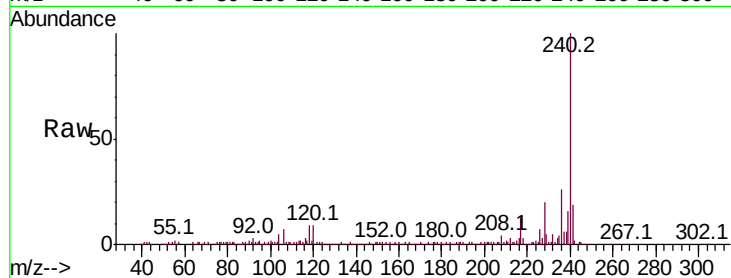
ClientSampleId :

DOCUMENTATION-29

Tot Ion:	240	Resp:	195491
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.3	12.5
236	25.7	21.2	31.8

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#78

Pyrene

Concen: 40.355 ng

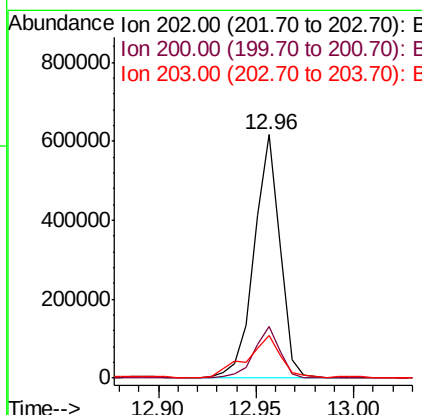
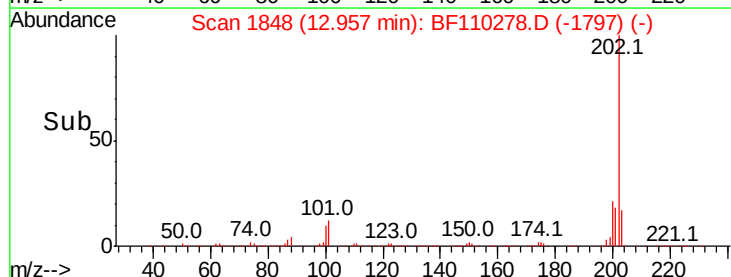
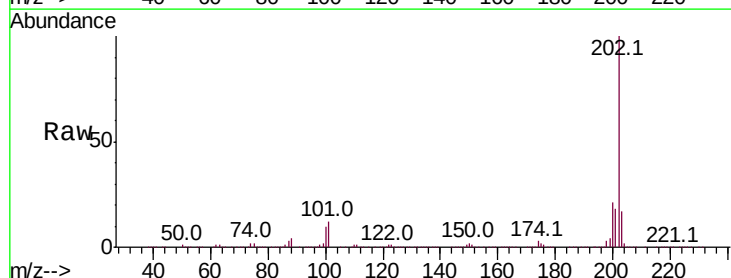
RT: 12.96 min Scan# 1848

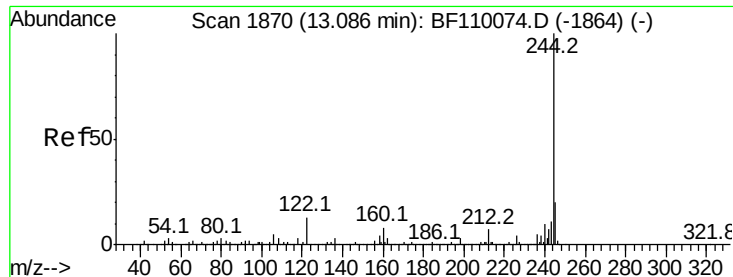
Delta R.T. -0.00 min

Lab File: BF110278.D

Acq: 29 Oct 2018 22:39

Tgt Ion:	202	Resp:	565581
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.8	26.6
203	17.3	14.2	21.4





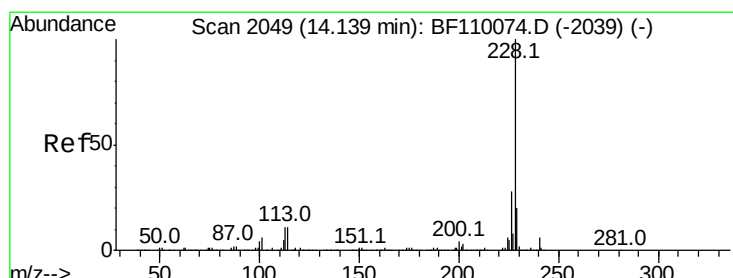
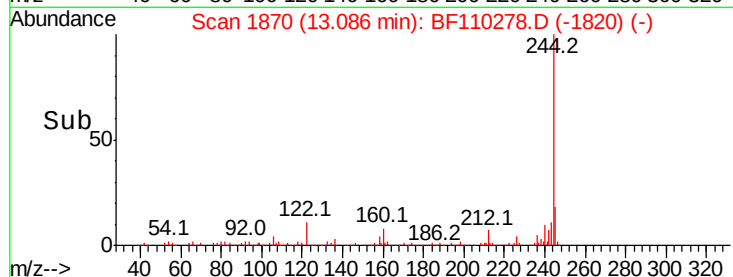
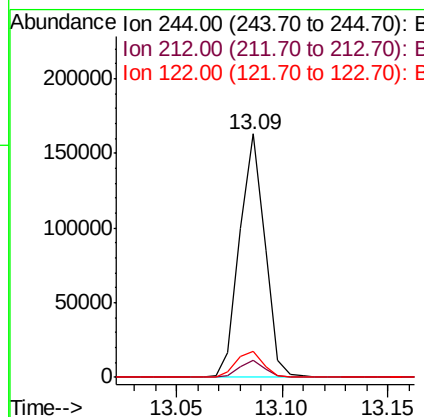
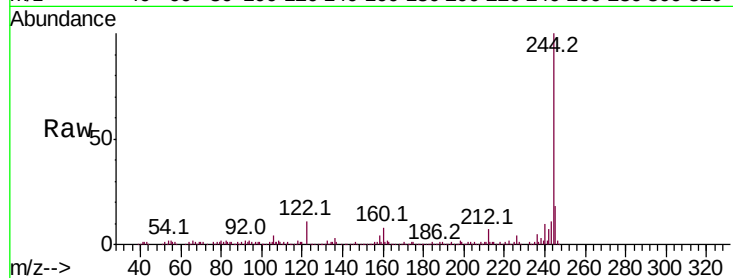
#79
 Terphenyl-d14
 Concen: 14.282 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-29

Tot Ion	Ratio	Resp	Lower	Upper
244	100	134252		
212	6.8		5.8	8.8
122	10.6		8.7	13.1

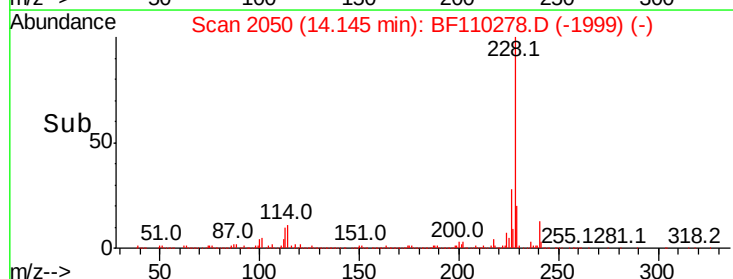
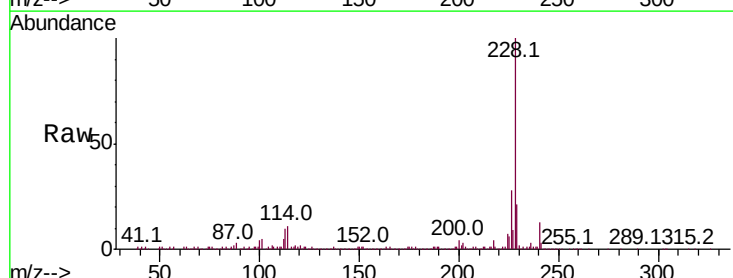
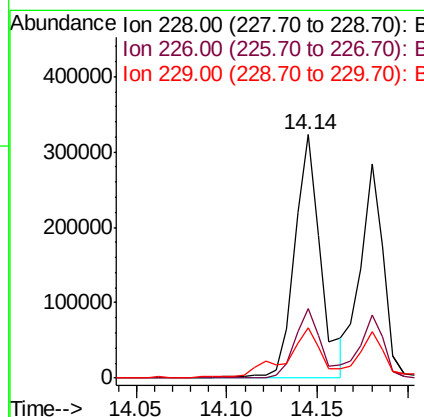
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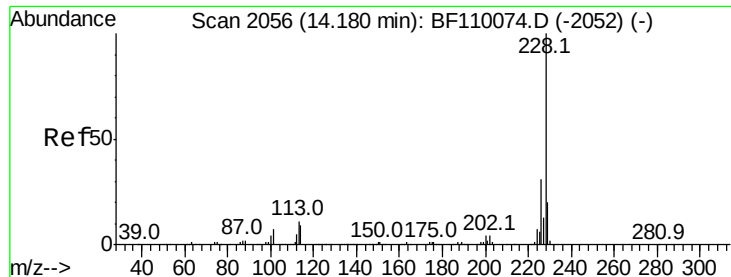
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#81
 Benzo(a)anthracene
 Concen: 27.927 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	323762		
226	28.4		22.1	33.1
229	20.6		15.6	23.4





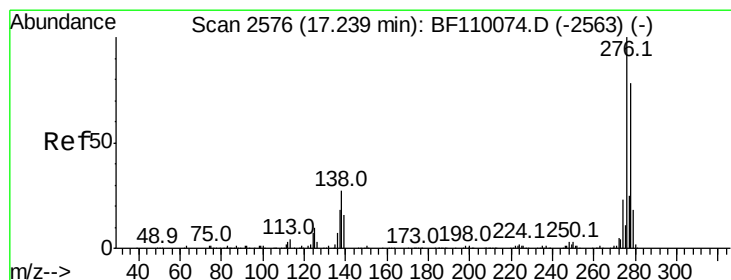
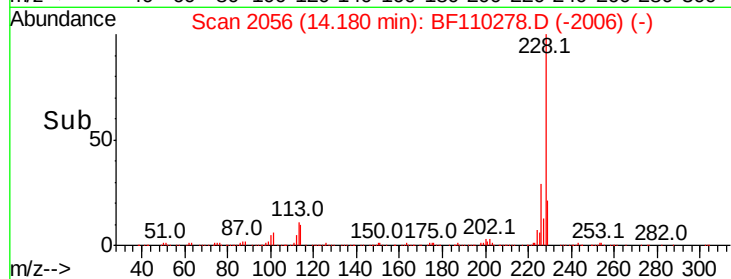
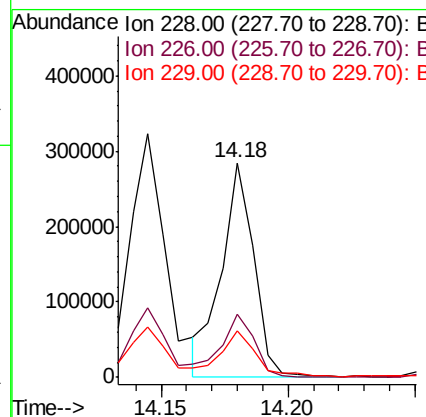
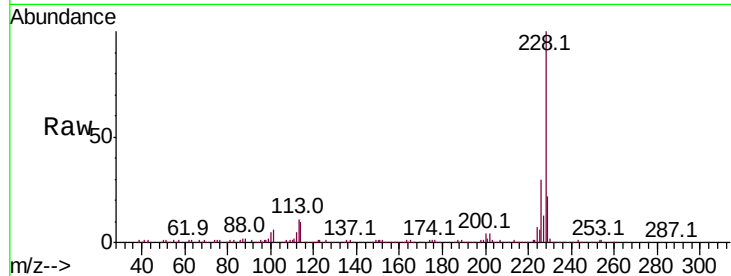
#83
Chrysene
Concen: 22.863 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-29

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	21.6	15.9	23.9

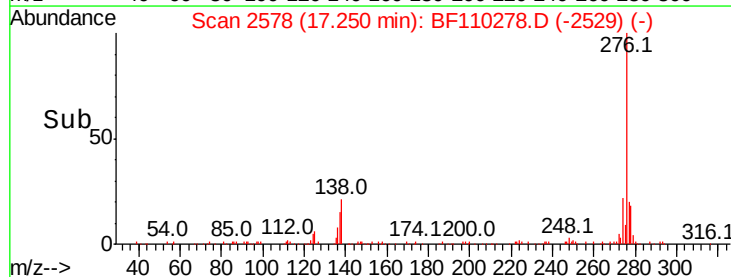
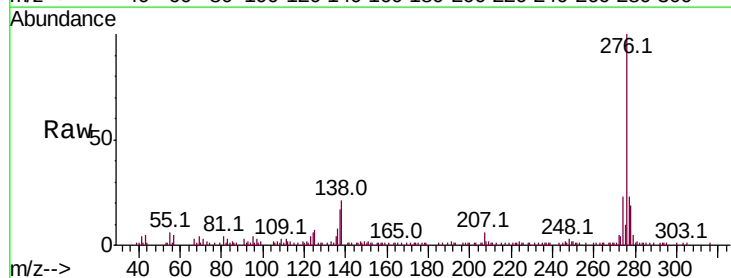
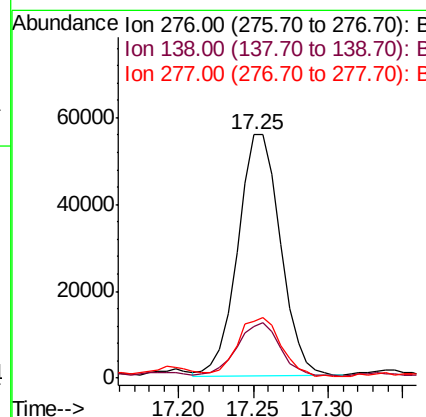
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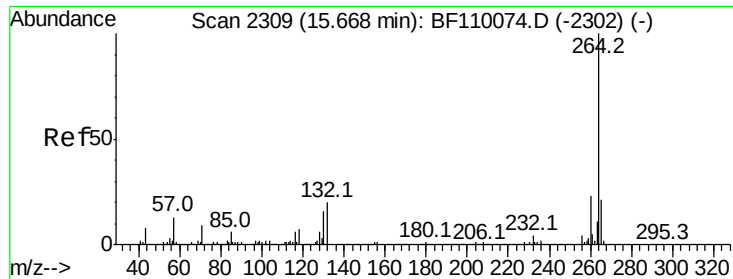
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 12.106 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.5	27.7
277	24.7	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BF110278.D

Acq: 29 Oct 2018 22:39

Instrument :

BNA_F

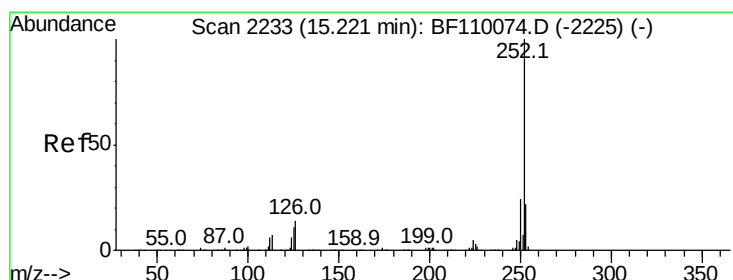
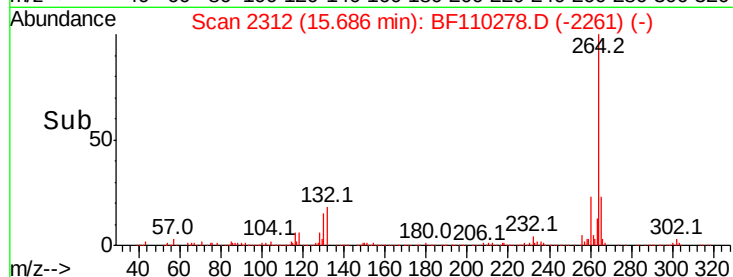
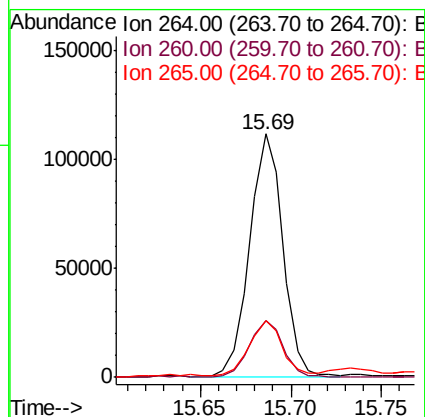
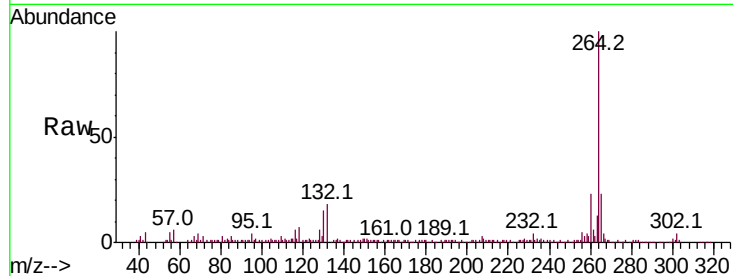
ClientSampleId :

DOCUMENTATION-29

Tot Ion:	264	Resp:	143218
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	23.2	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 37.083 ng m

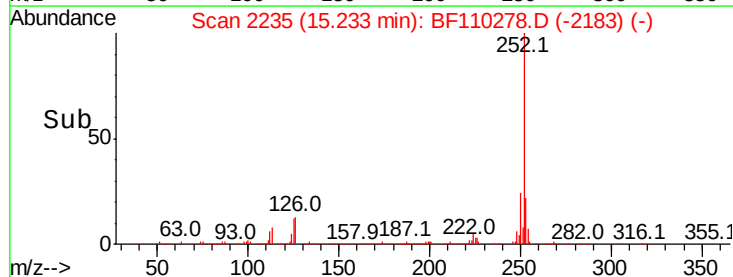
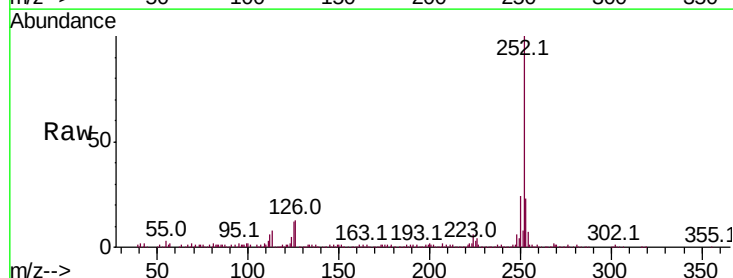
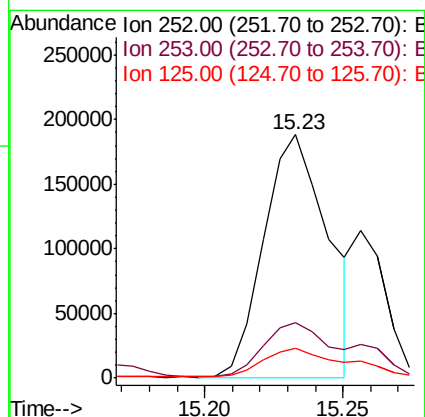
RT: 15.23 min Scan# 2235

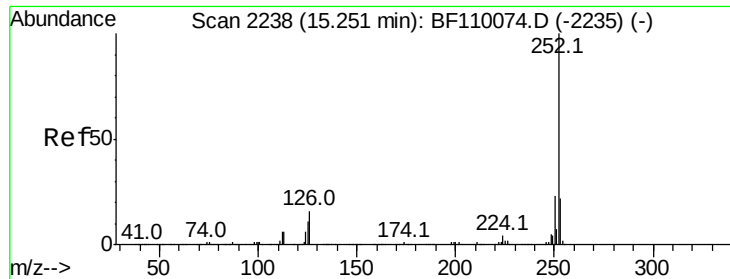
Delta R.T. 0.01 min

Lab File: BF110278.D

Acq: 29 Oct 2018 22:39

Tgt Ion:	252	Resp:	306685
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	12.2	8.2	12.4





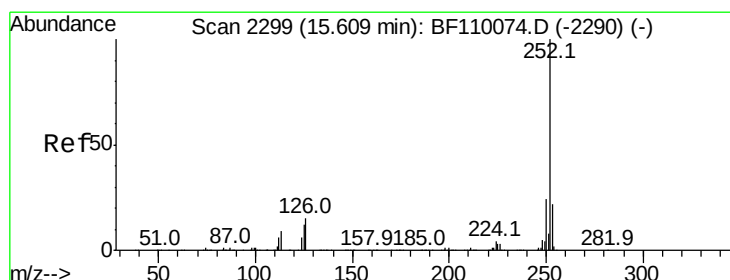
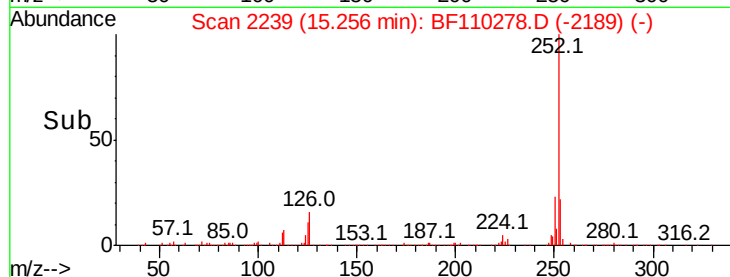
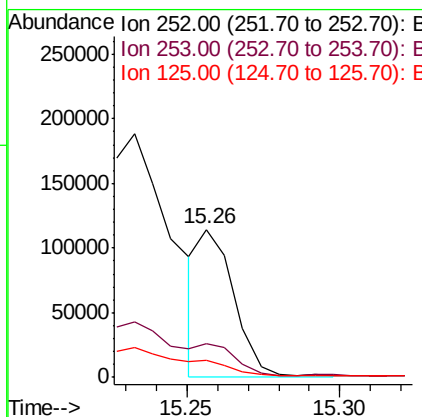
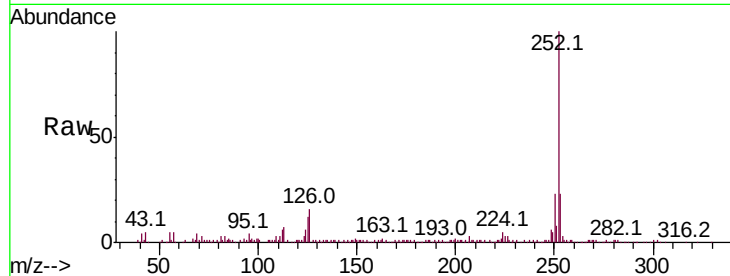
#89
Benzo(k)fluoranthene
Concen: 11.382 ng m
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Instrument :
BNA_F
ClientSampleId :
DOCUMENTATION-29

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.9	7.4	11.0

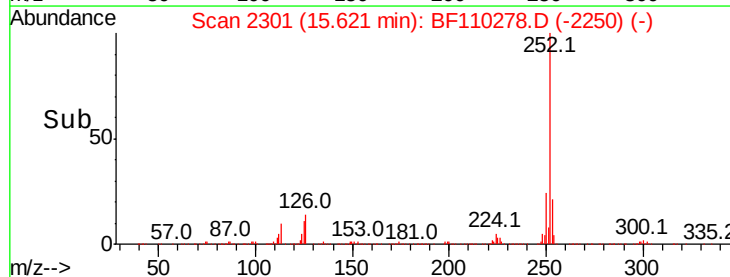
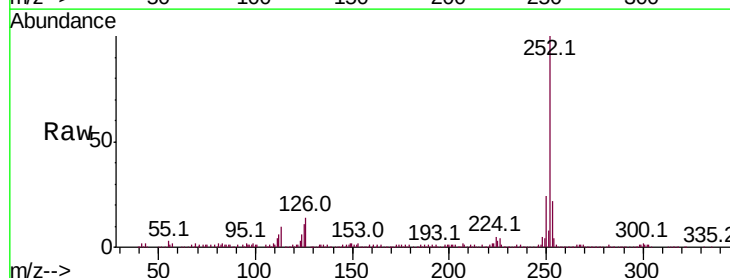
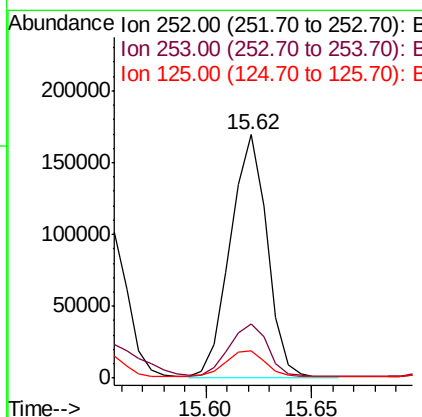
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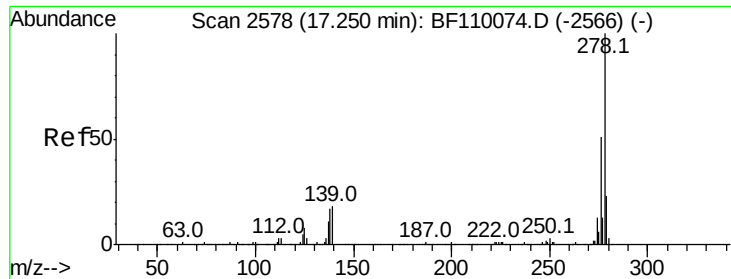
Sohil
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#90
Benzo(a)pyrene
Concen: 26.702 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF110278.D
Acq: 29 Oct 2018 22:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.4	9.0	13.6





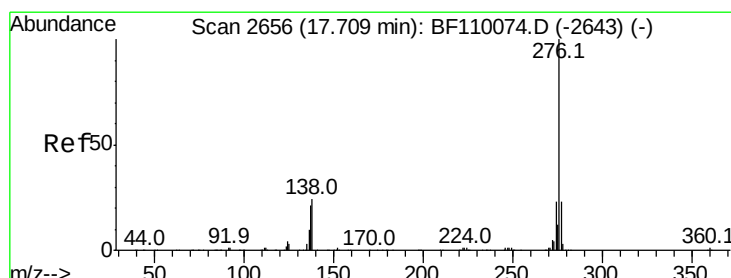
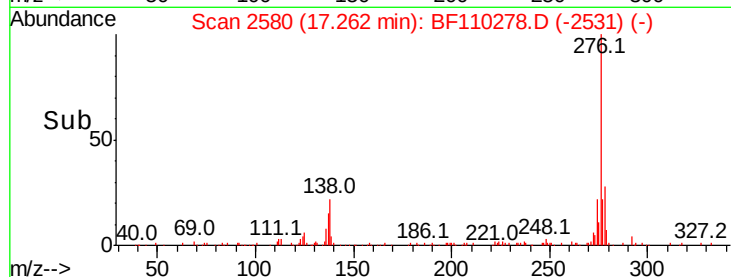
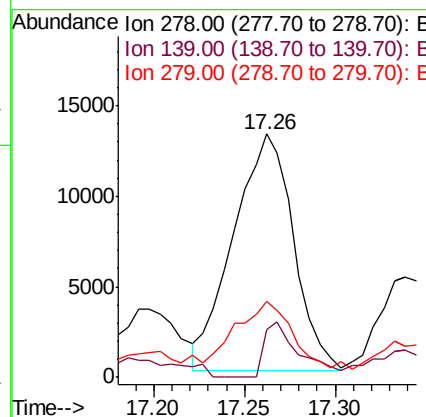
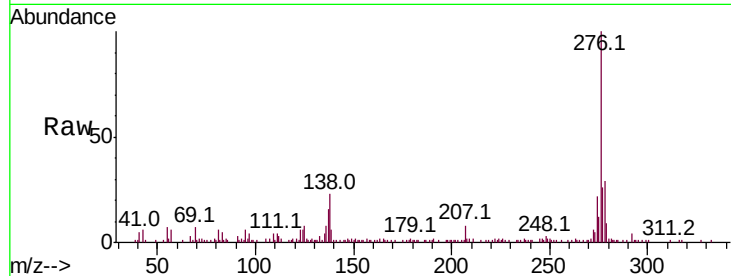
#91
 Dibenzo(a,h)anthracene
 Concen: 4.566 ng m
 RT: 17.26 min Scan# 2580
 Delta R.T. -0.01 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Instrument :
 BNA_F
 ClientSampleId :
 DOCUMENTATION-29

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	12.7	19.1#
279	31.1	19.0	28.4#

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#92
 Benzo(g,h,i)perylene
 Concen: 16.062 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.00 min
 Lab File: BF110278.D
 Acq: 29 Oct 2018 22:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.0	16.0	24.0

