

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110725.D
 Acq On : 13 Nov 2018 18:04
 Operator : JU/SJ
 Sample : J5909-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-S

Manual Integrations
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 11/14/2018 1:48:43 PM

Quant Time: Nov 13 18:44:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	79032	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	313694	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	137327	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	209110	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	148960	20.00	ng	-0.01
87) Perylene-d12	15.66	264	146354	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	518341	106.53	ng	0.00
7) Phenol-d6	6.57	99	656476	105.51	ng	0.00
23) Nitrobenzene-d5	7.51	82	416940	76.54	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	130954	94.64	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	621433	64.63	ng	0.00
79) Terphenyl-d14	13.06	244	406898	51.16	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.58	94	34477	4.779	ng	# 72
50) Dimethylphthalate	9.69	163	49453	4.826	ng	99
71) Phenanthrene	11.50	178	128881	11.504	ng	99
72) Anthracene	11.56	178	47955	4.243	ng	100
75) Fluoranthene	12.70	202	142414	12.680	ng	96
78) Pyrene	12.93	202	112205	9.783	ng	96
81) Benzo(a)anthracene	14.12	228	59085	6.636	ng	96
83) Chrysene	14.15	228	50439	5.946	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	25051	4.116	ng	98
88) Benzo(b)fluoranthene	15.20	252	70170m	8.014	ng	
89) Benzo(k)fluoranthene	15.23	252	19812m	2.290	ng	
90) Benzo(a)pyrene	15.59	252	48922	6.150	ng	97
92) Benzo(a,h,i)perylene	17.70	276	20580m	3.081	ng	

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

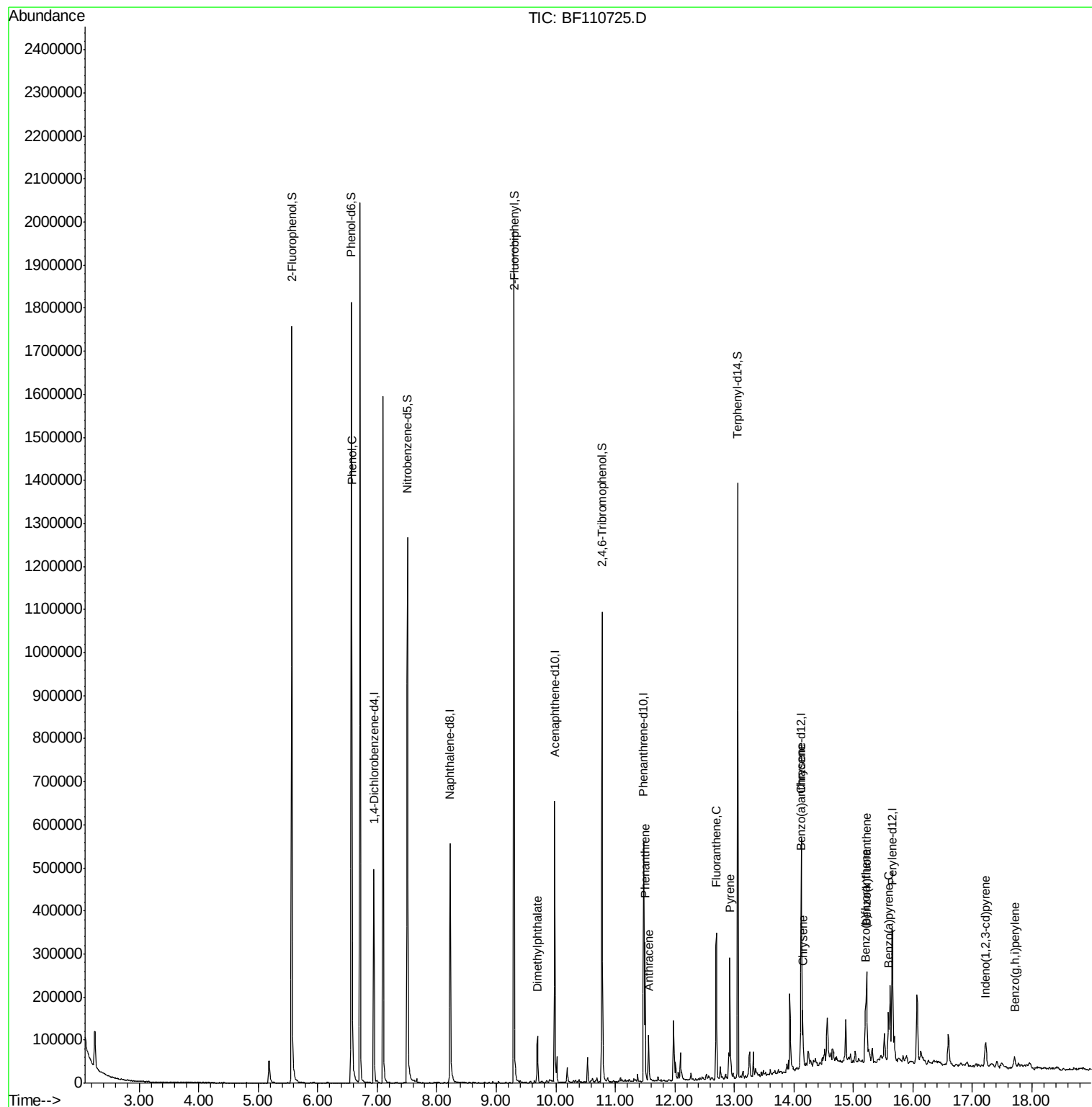
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110725.D
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Sample : J5909-03
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ALS Vial : 8 Sample Multiplier: 1

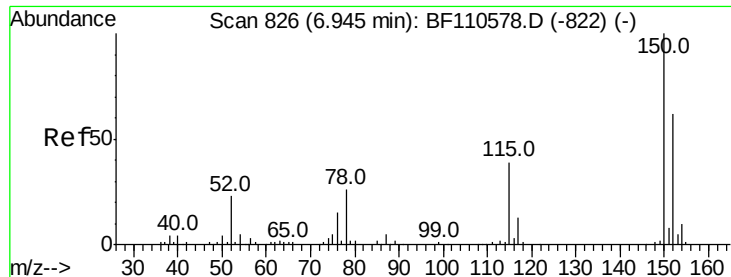
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

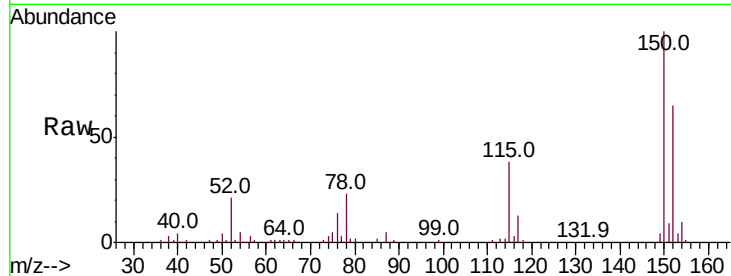
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampled :
SB-15-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	122.7	184.1
115	59.4	49.1	73.7

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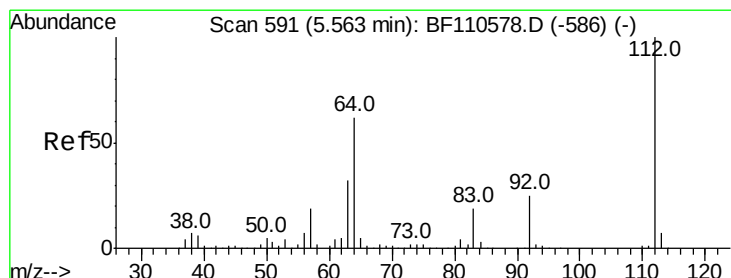
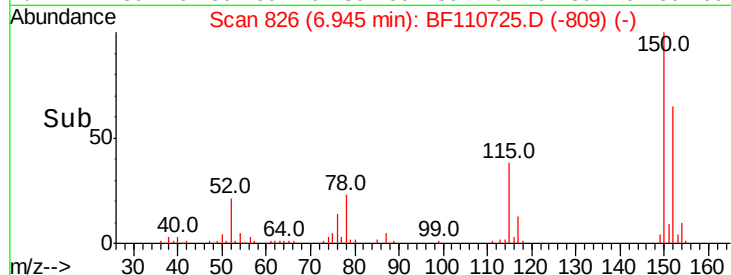
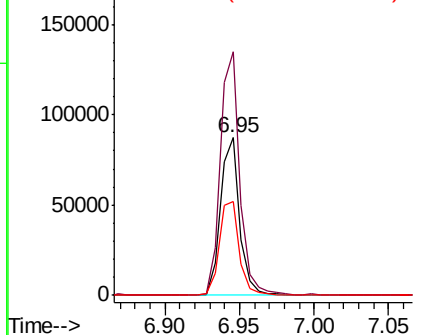


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

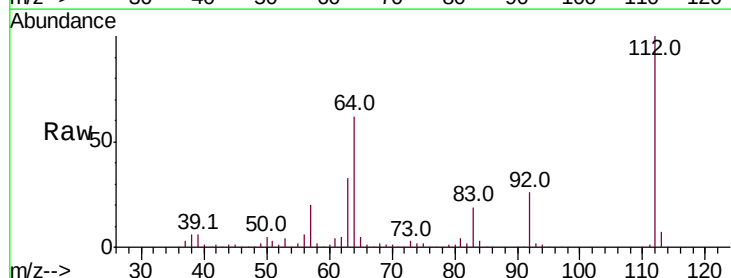
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.533 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	44.1	66.1
63	33.4	23.7	35.5

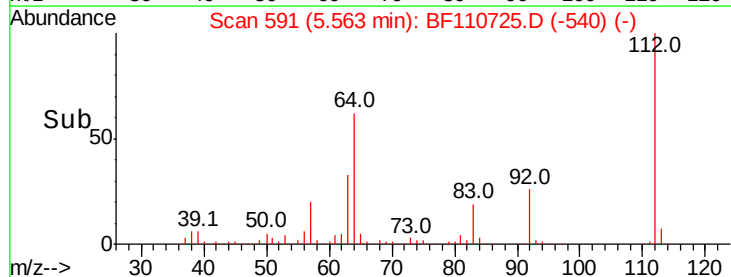
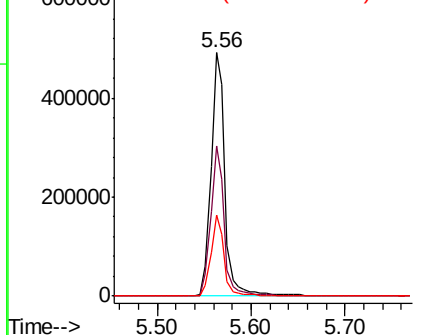


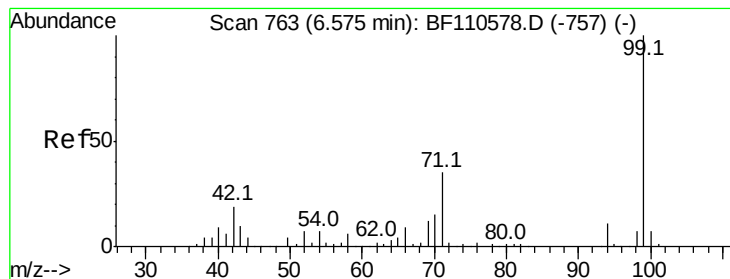
Abundance

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: 105.511 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110725.D

Acq: 13 Nov 2018 18:04

Instrument :

BNA_F

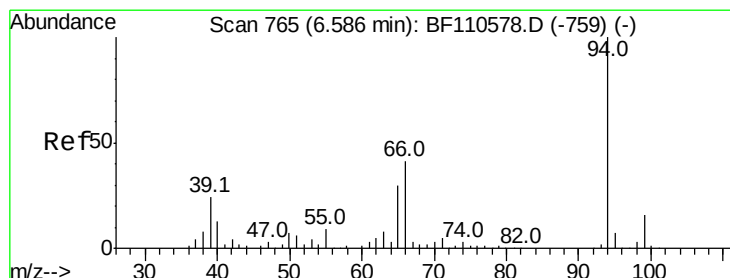
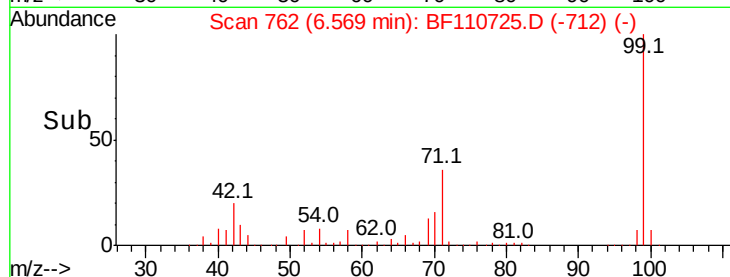
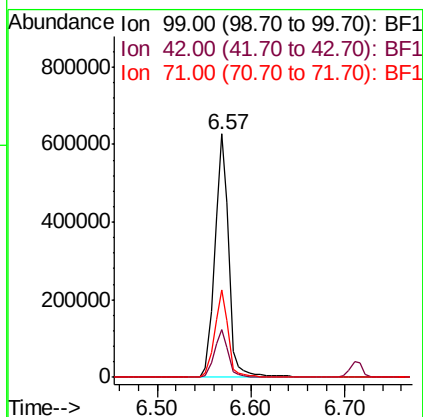
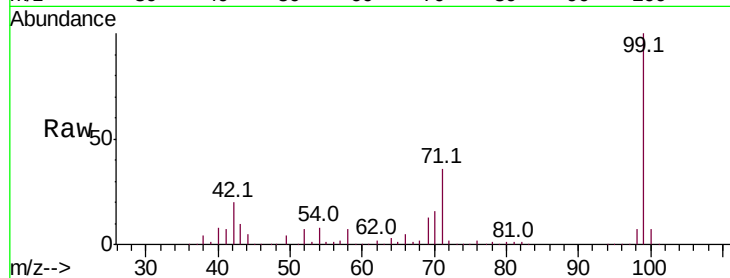
ClientSampleId :

SB-15-S

Tot Ion:	99	Resp:	656476
Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	35.7	28.0	42.0

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#10

Phenol

Concen: 4.779 ng

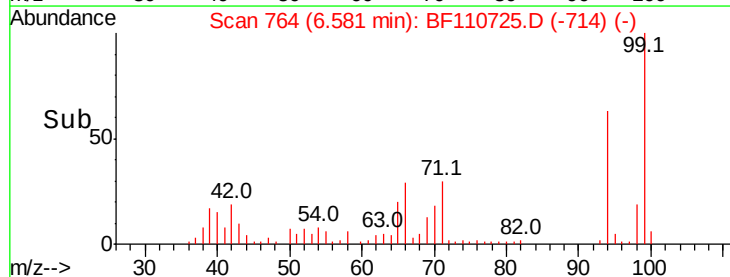
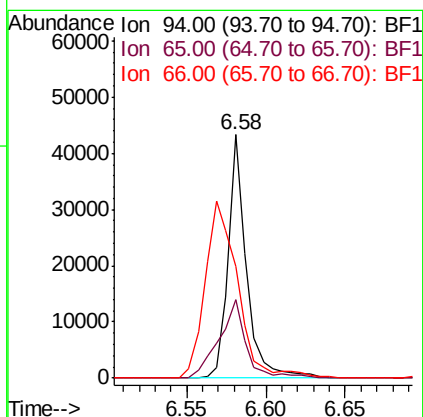
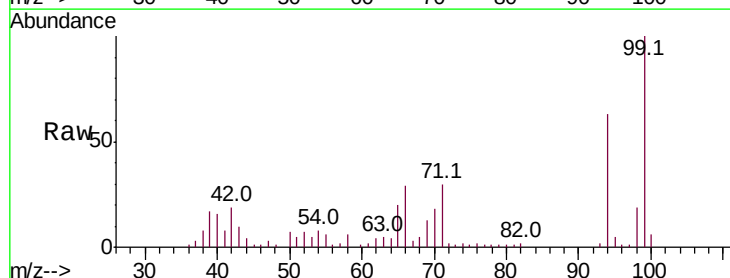
RT: 6.58 min Scan# 764

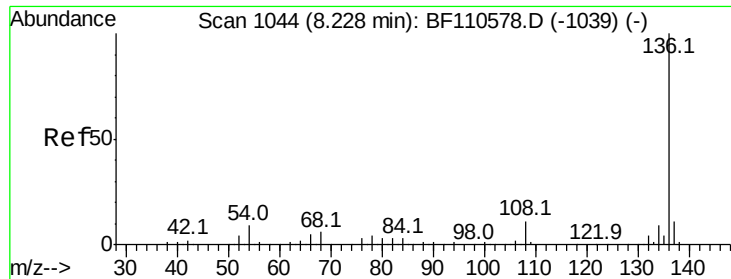
Delta R.T. -0.01 min

Lab File: BF110725.D

Acq: 13 Nov 2018 18:04

Tgt Ion:	94	Resp:	34477
Ion	Ratio	Lower	Upper
94	100		
65	32.4	25.3	65.3
66	45.9	54.5	94.5#





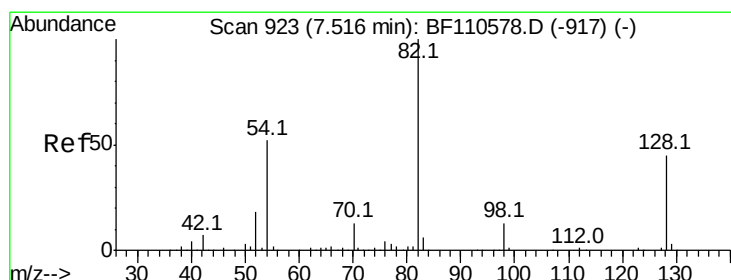
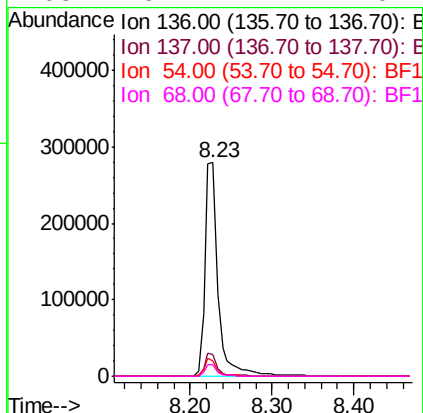
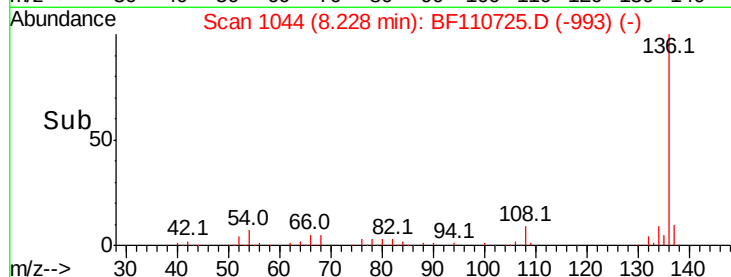
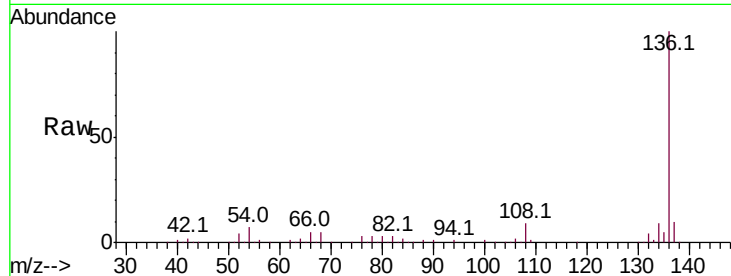
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampleId :
SB-15-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.4		8.8	13.2	
54	7.2		5.4	8.2	
68	5.2		4.2	6.2	

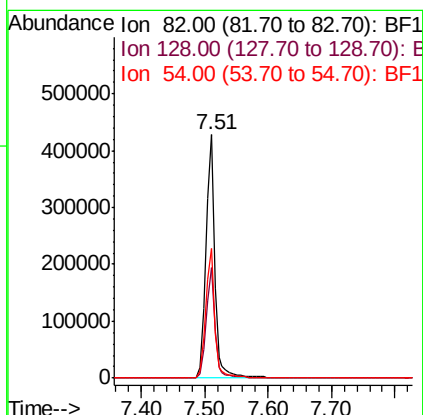
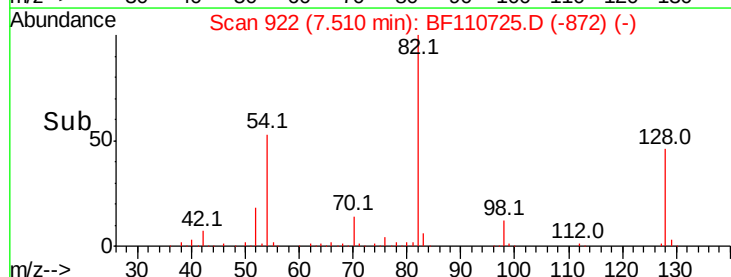
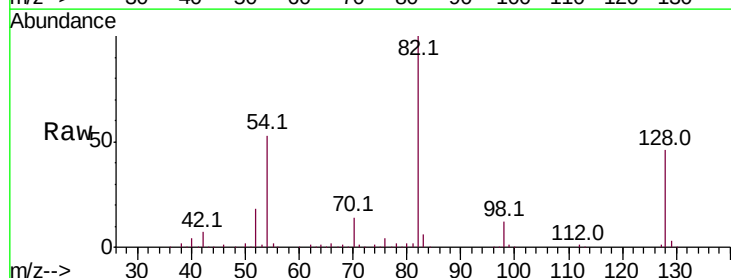
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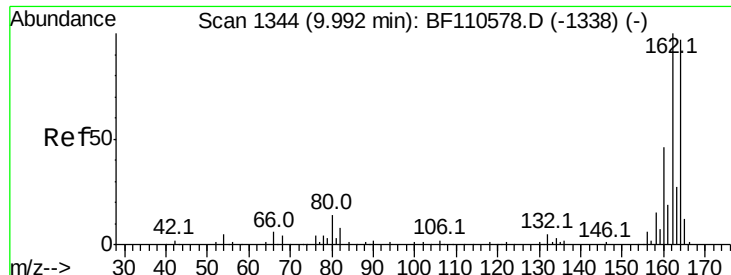
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#23
Nitrobenzene-d5
Concen: 76.544 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	45.6		34.2	51.2	
54	53.1		38.6	58.0	





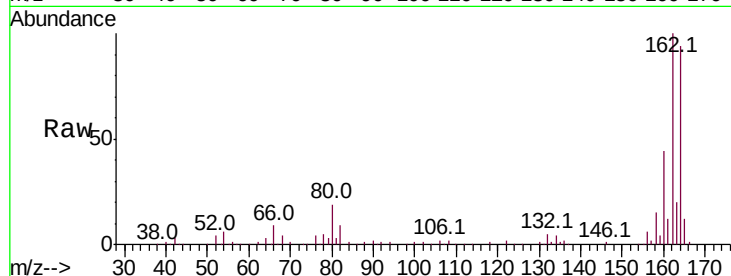
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampleId :
SB-15-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.0	124.6
160	46.3	37.0	55.6

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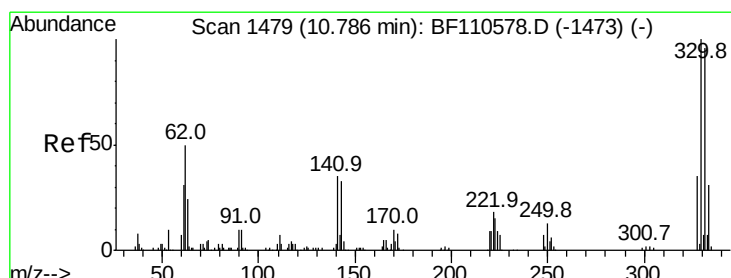
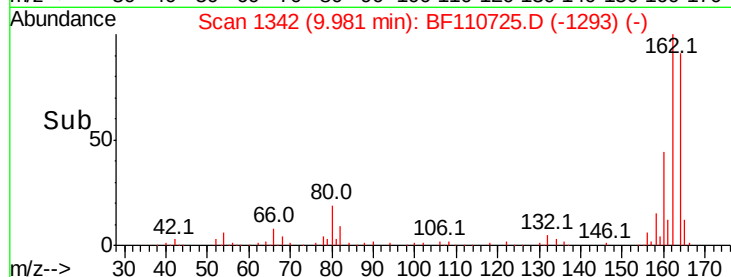
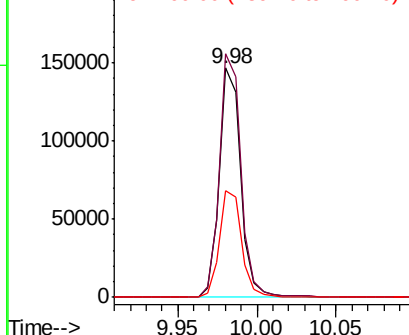


Abundance

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: 94.638 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

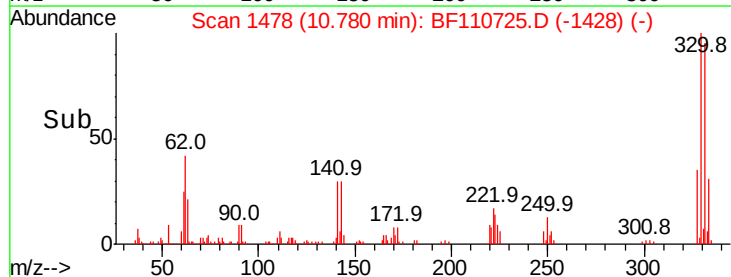
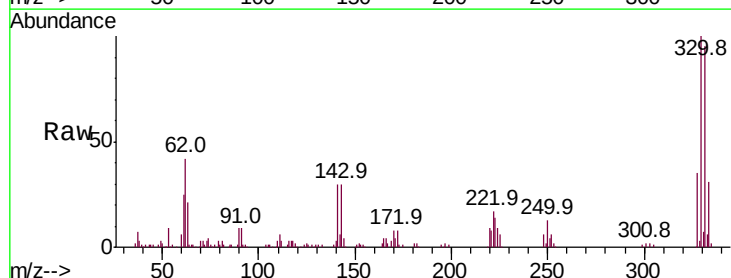
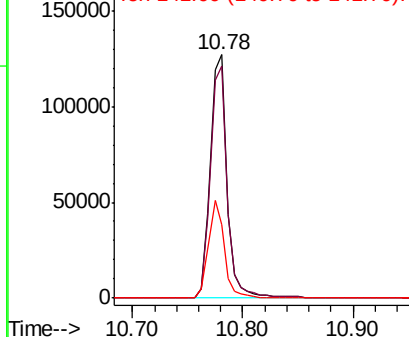
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	37.9	27.0	40.4

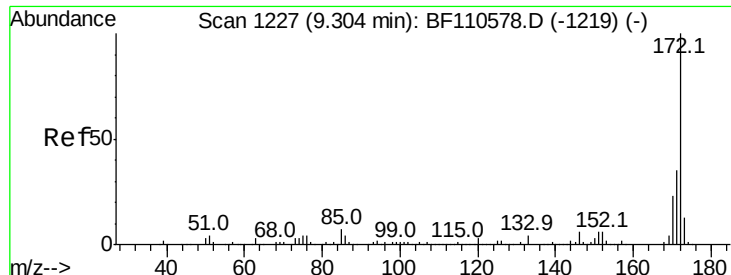
Abundance

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





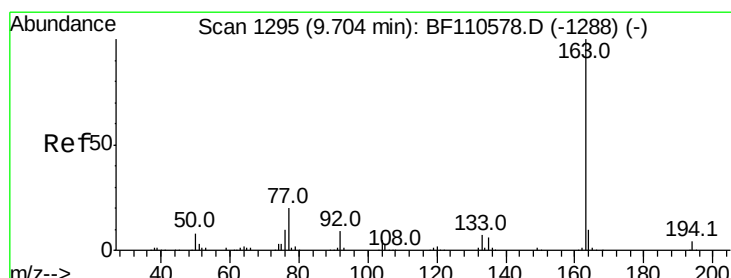
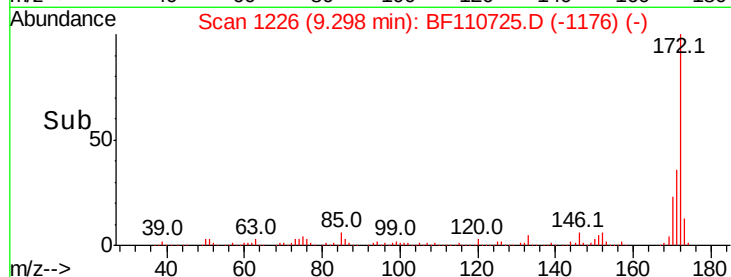
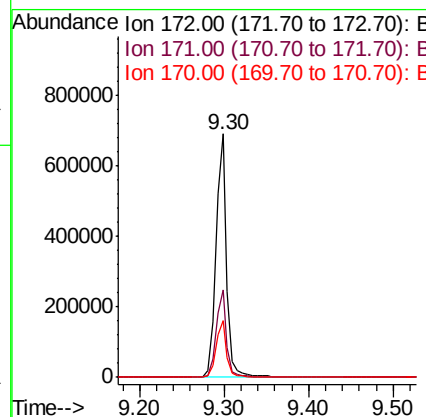
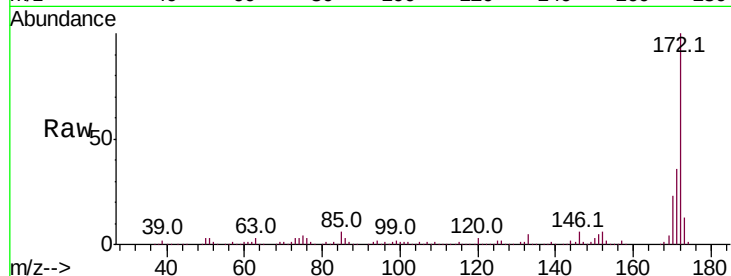
#45
2-Fluorobiphenyl
Concen: 64.628 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampleId :
SB-15-S

Tot Ion	Ratio	Resp	Lower	Upper
172	100	621433		
171	36.0		28.6	43.0
170	23.3		19.7	29.5

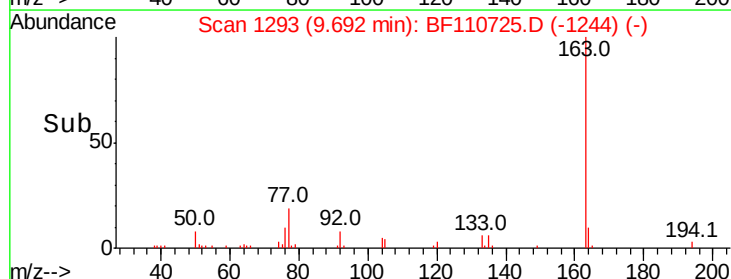
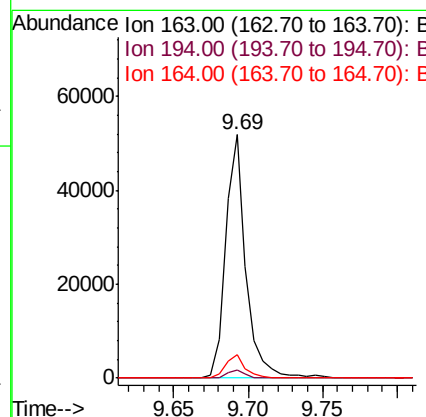
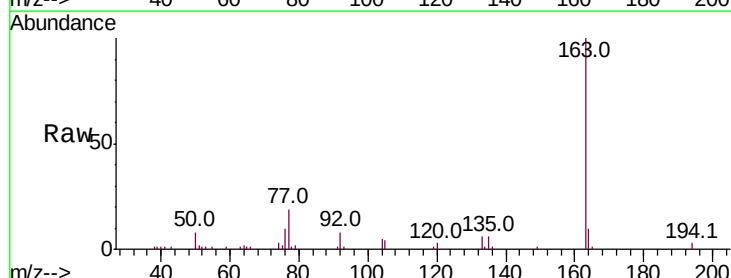
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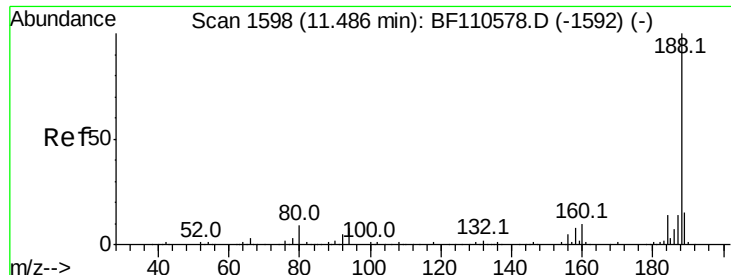
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#50
Dimethylphthalate
Concen: 4.826 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	49453		
194	3.5		3.2	4.8
164	9.9		8.1	12.1





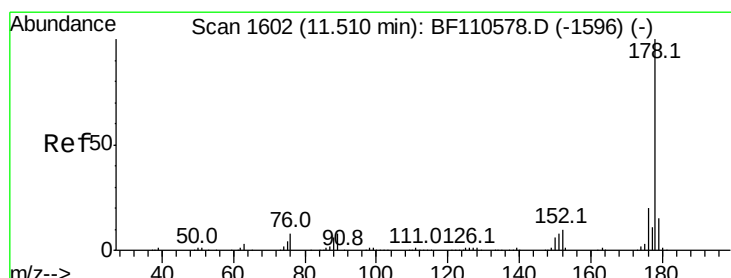
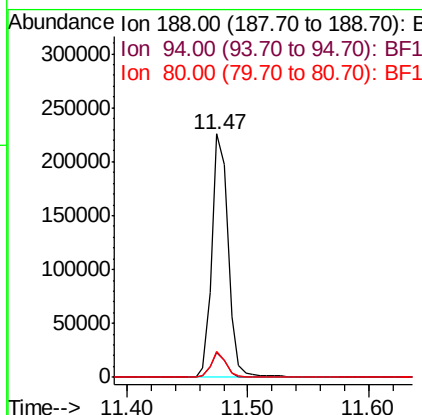
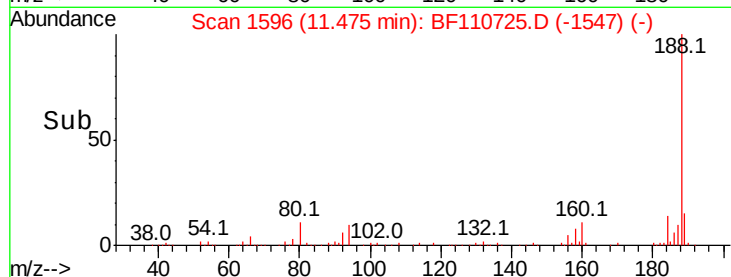
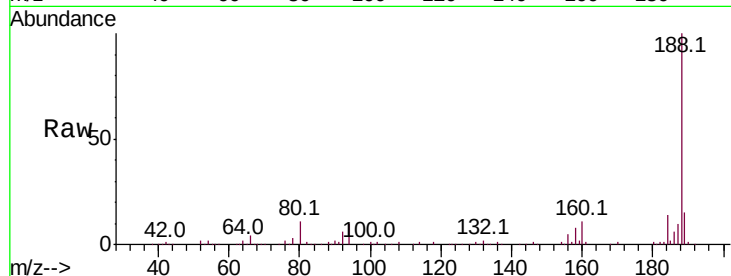
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampleId :
SB-15-S

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.0	7.2	10.8	
80	10.5	7.9	11.9	

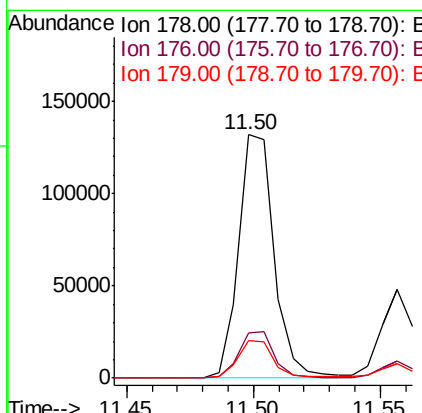
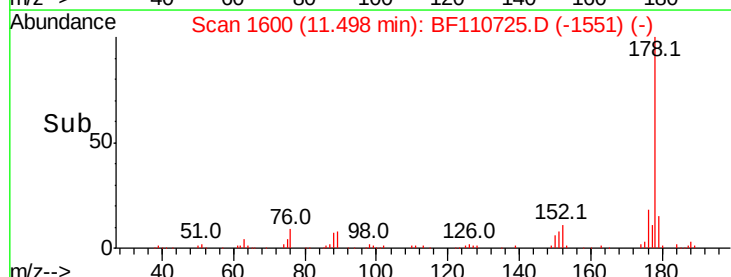
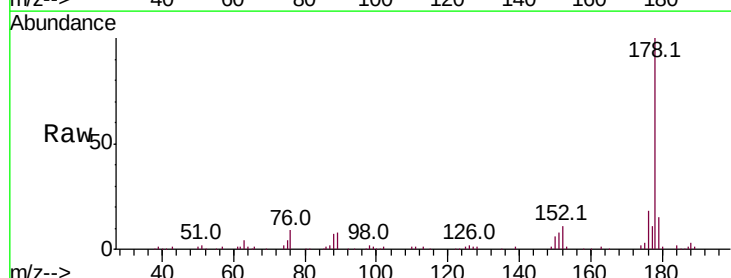
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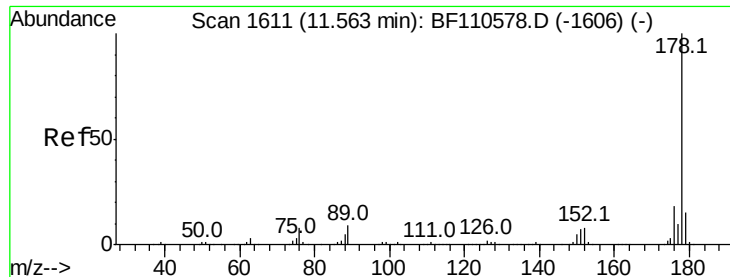
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#71
Phenanthrene
Concen: 11.504 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.5	15.5	23.3	
179	15.4	12.5	18.7	





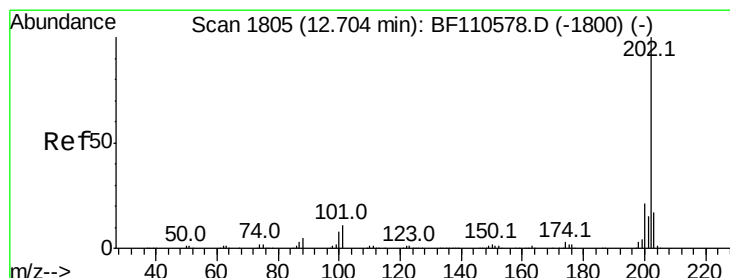
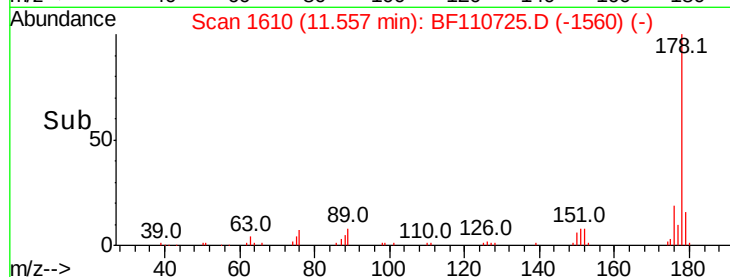
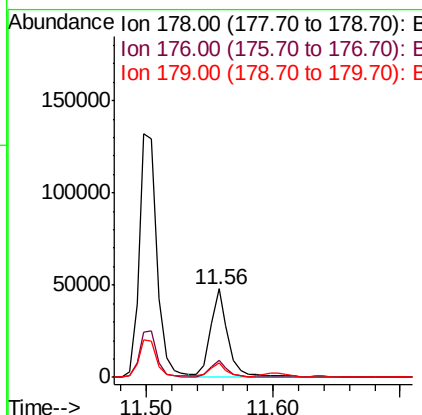
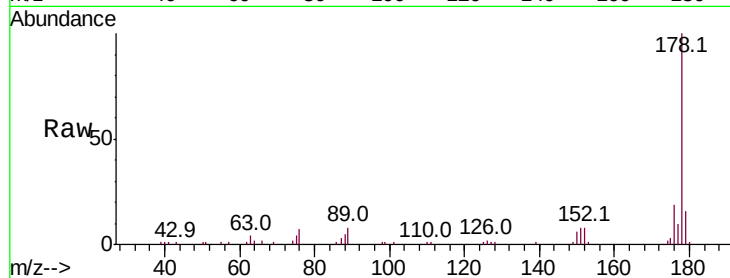
#72
 Anthracene
 Concen: 4.243 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF110725.D
 Acq: 13 Nov 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.1	12.6	18.8

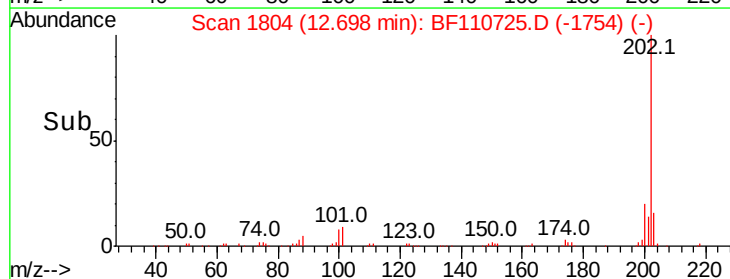
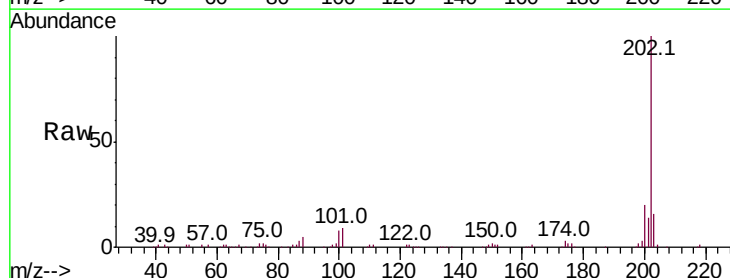
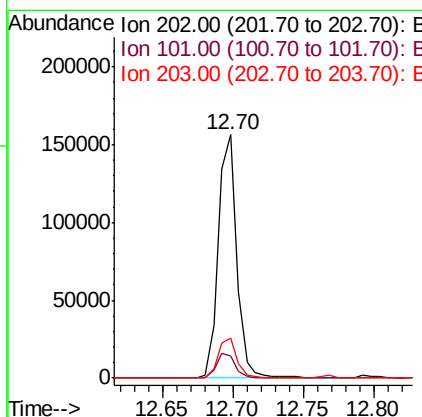
Manual Integrations
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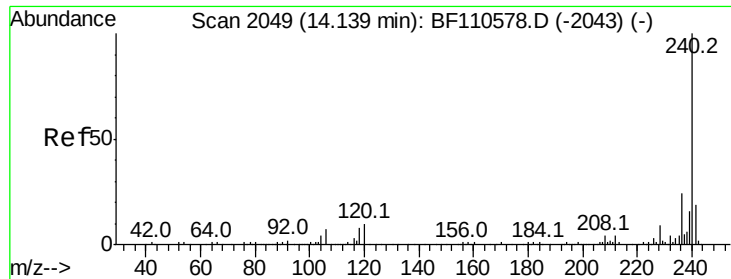
Sohil
 11/14/2018 1:48:43 PM



#75
 Fluoranthene
 Concen: 12.680 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110725.D
 Acq: 13 Nov 2018 18:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.4
203	16.4	0.0	37.7





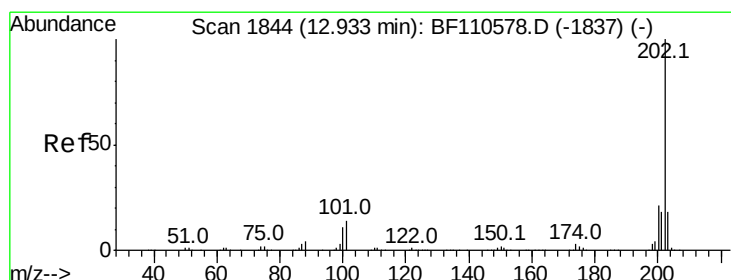
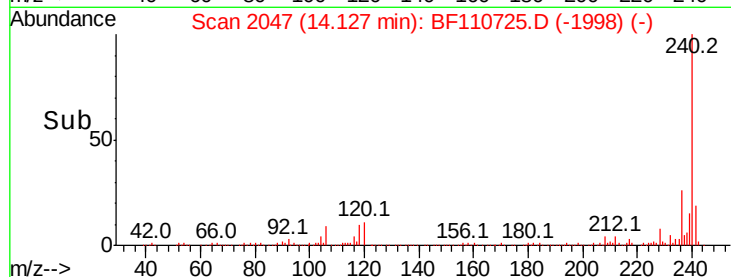
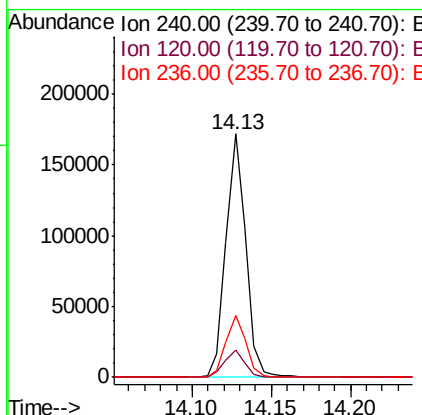
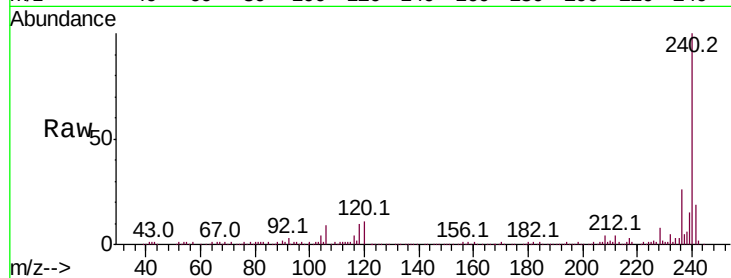
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampleId :
SB-15-S

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	11.5	8.3	12.5	
236	25.6	21.2	31.8	

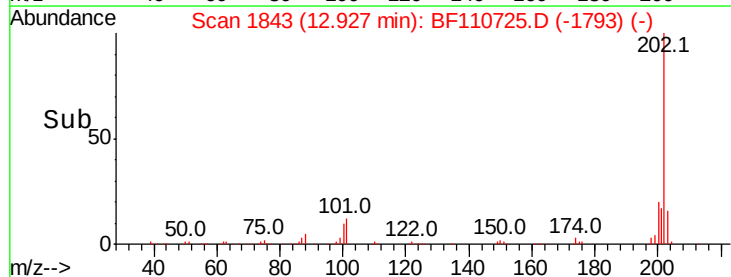
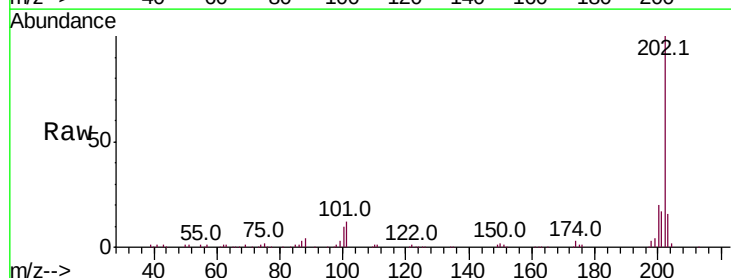
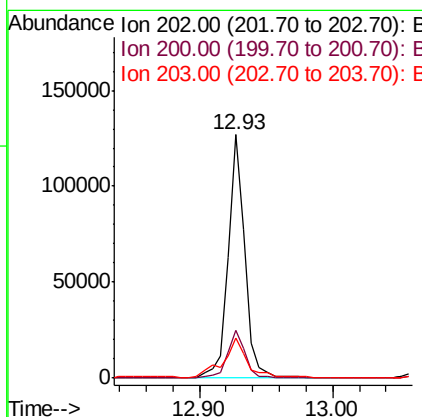
Manual Integrations
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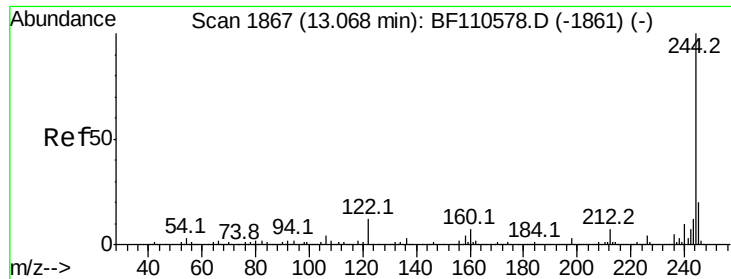
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#78
Pyrene
Concen: 9.783 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.9	17.8	26.6	
203	16.3	14.2	21.4	





#79

Terphenyl-d14

Concen: 51.156 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110725.D

Acq: 13 Nov 2018 18:04

Instrument :

BNA_F

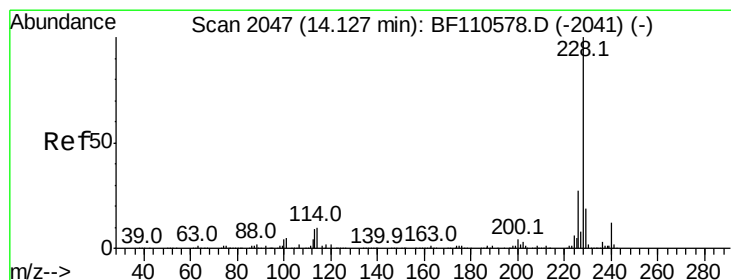
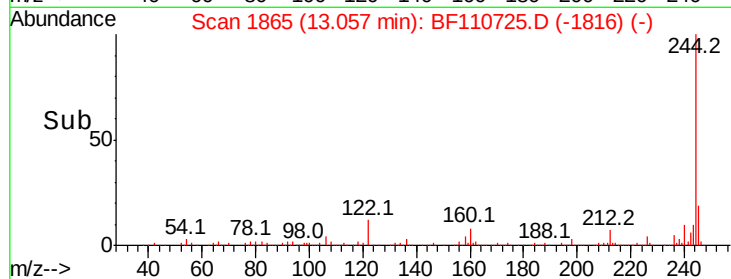
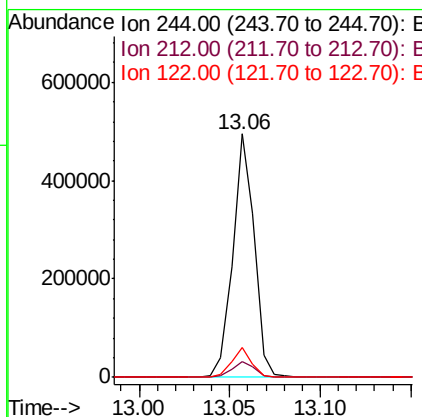
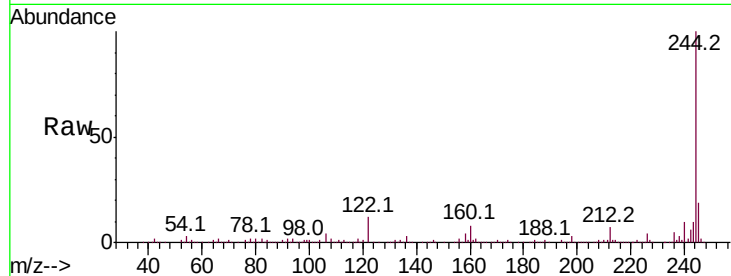
ClientSampled :

SB-15-S

Tot Ion:	244	Resp:	406898
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	12.3	8.7	13.1

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#81

Benzo(a)anthracene

Concen: 6.636 ng

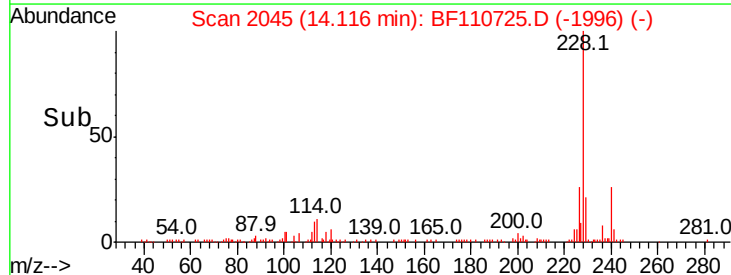
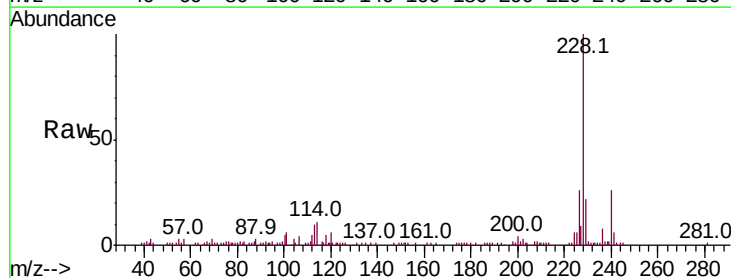
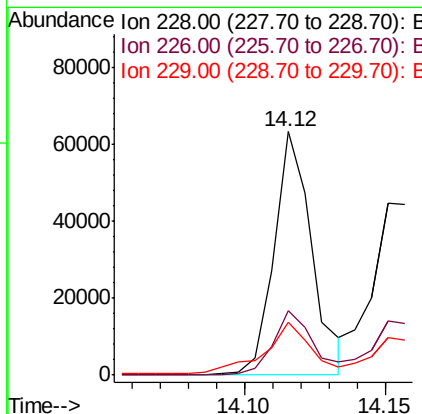
RT: 14.12 min Scan# 2045

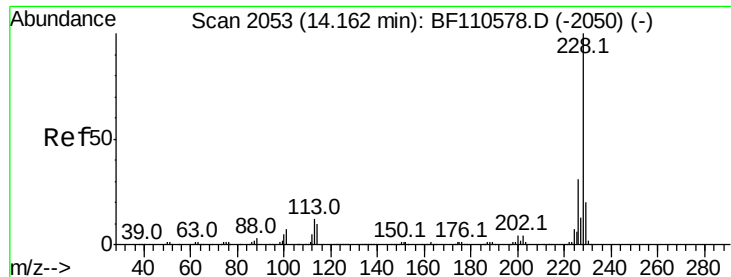
Delta R.T. -0.01 min

Lab File: BF110725.D

Acq: 13 Nov 2018 18:04

Tgt Ion:	228	Resp:	59085
Ion Ratio	Lower	Upper	
228	100		
226	26.3	22.1	33.1
229	22.0	15.6	23.4





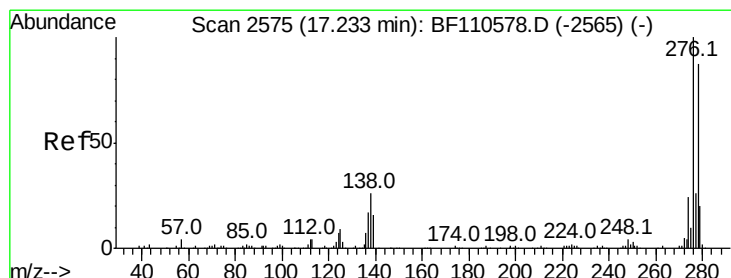
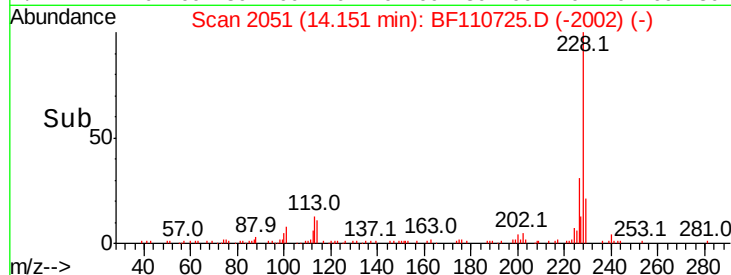
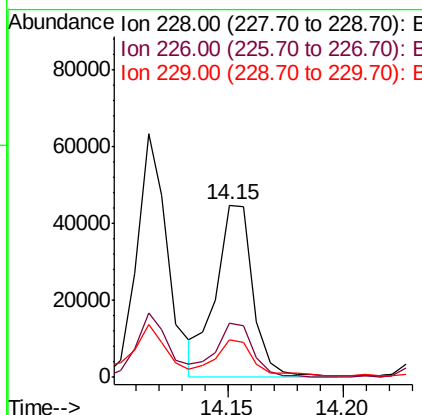
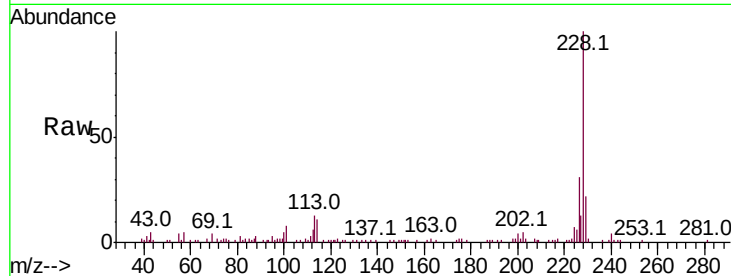
#83
Chrysene
Concen: 5.946 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampled :
SB-15-S

Tot Ion:	228	Resp:	50439
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.7	37.1
229	22.1	15.9	23.9

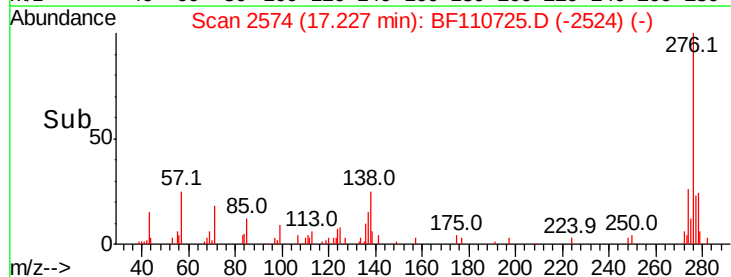
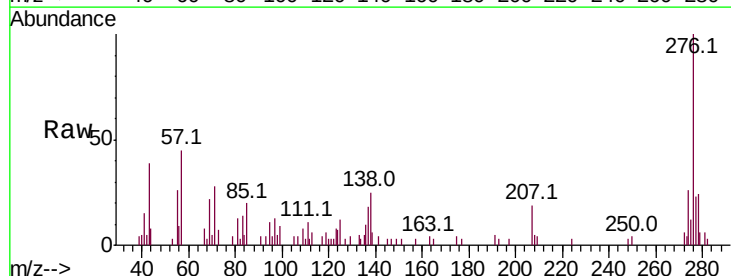
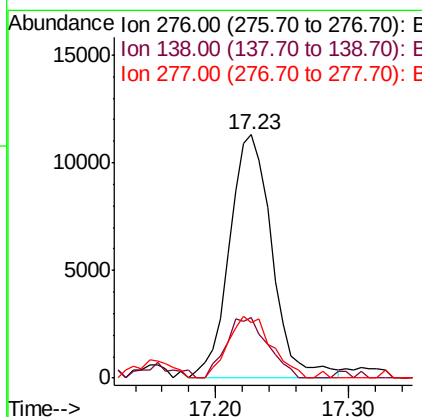
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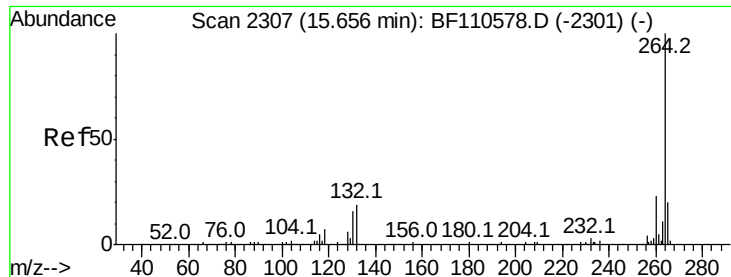
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.116 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion:	276	Resp:	25051
Ion Ratio	Lower	Upper	
276	100		
138	24.6	18.5	27.7
277	25.7	20.0	30.0





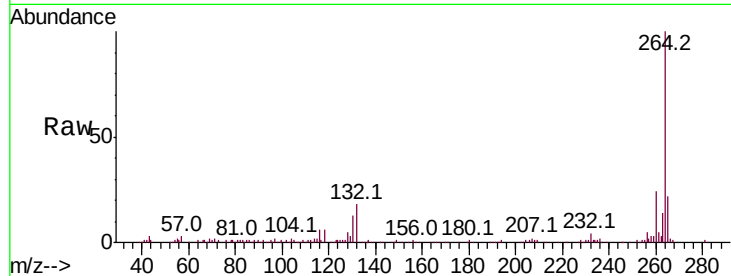
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampled :
SB-15-S

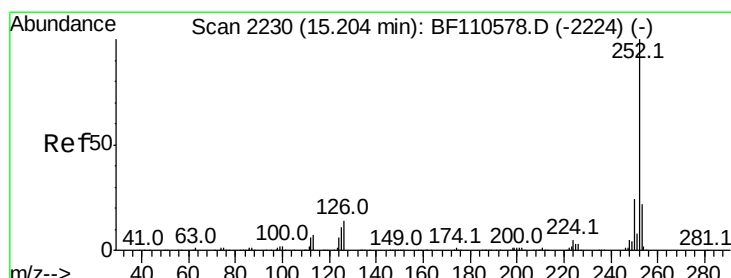
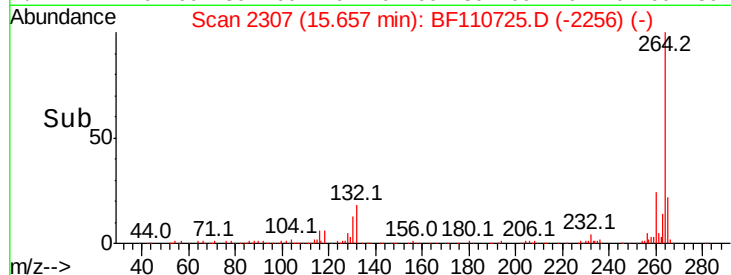
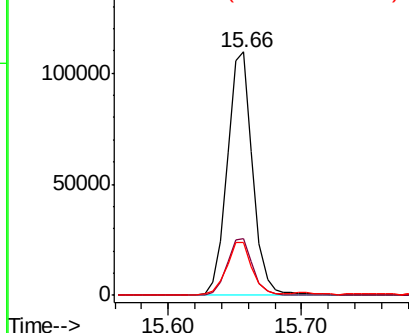
Tot Ion:264	Resp:	146354
Ion Ratio	Lower	Upper
264 100		
260 23.5	18.7	28.1
265 21.6	16.7	25.1

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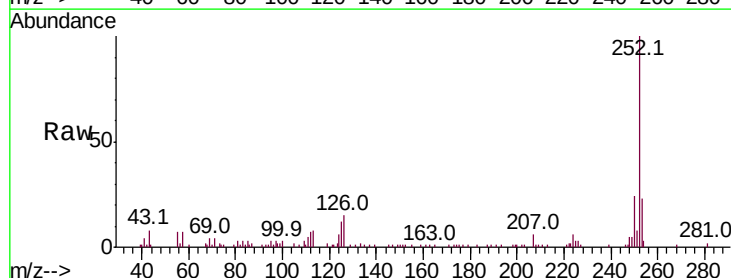


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

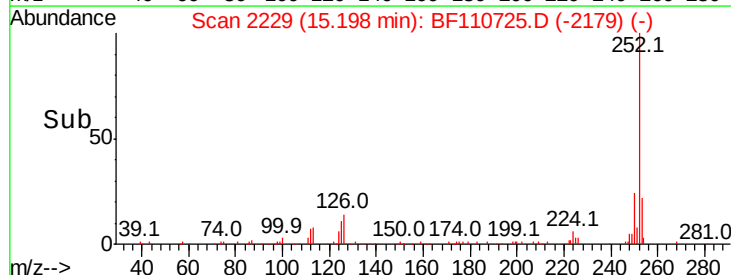
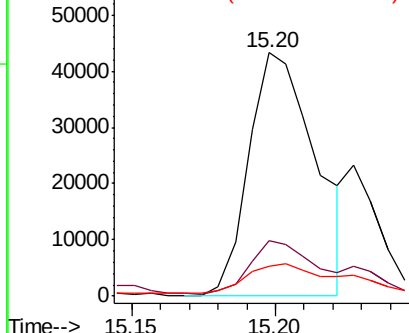


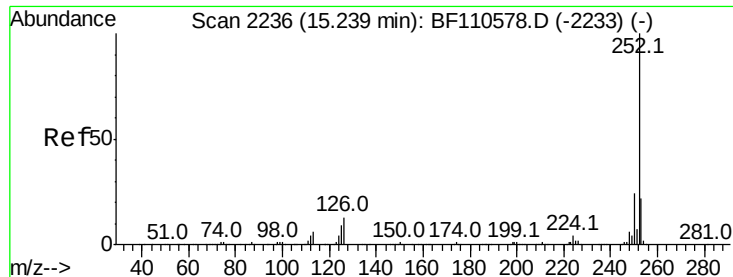
#88
Benzo(b)fluoranthene
Concen: 8.014 ng m
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion:252	Resp:	70170
Ion Ratio	Lower	Upper
252 100		
253 22.8	17.2	25.8
125 12.2	8.2	12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





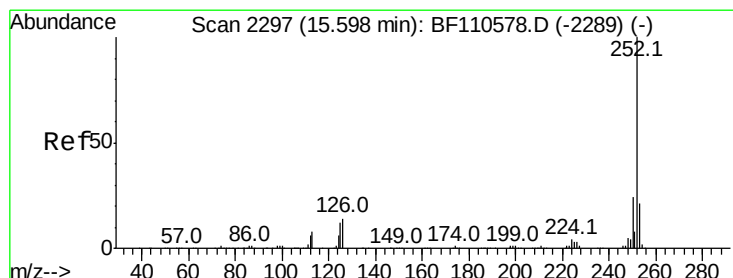
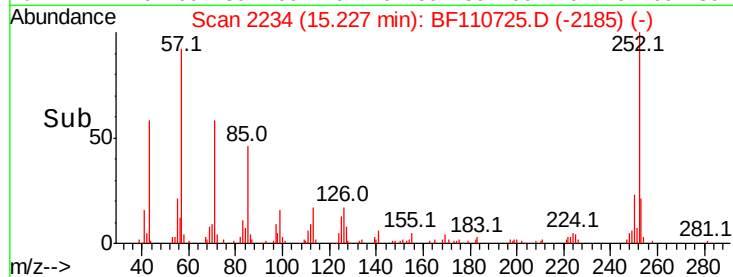
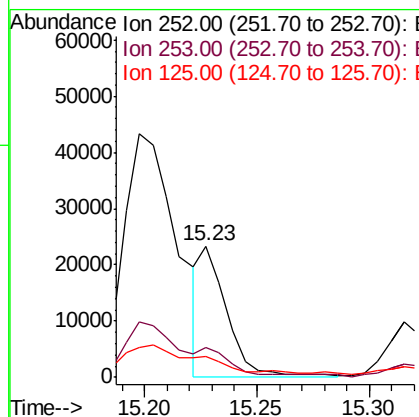
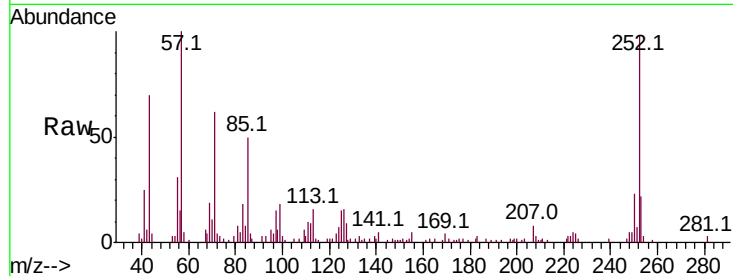
#89
Benzo(k)fluoranthene
Concen: 2.290 ng m
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Instrument :
BNA_F
ClientSampled :
SB-15-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	15.8	7.4	11.0

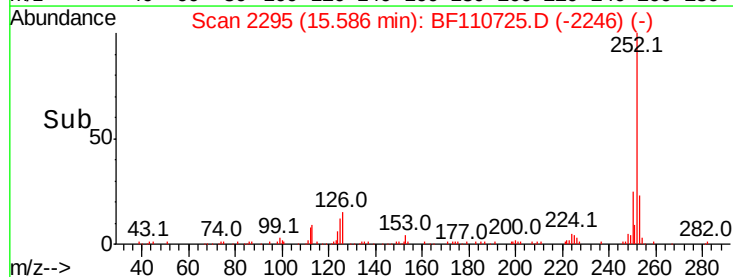
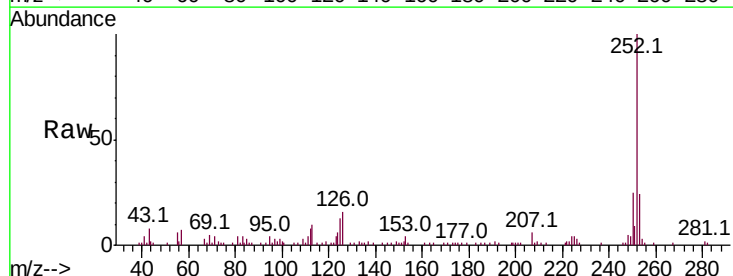
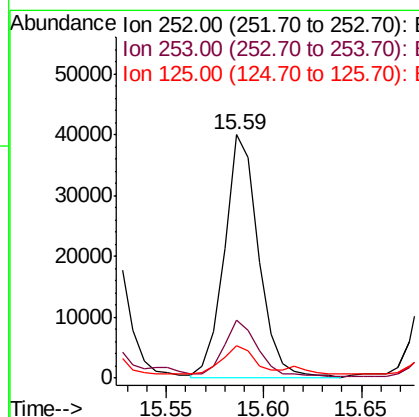
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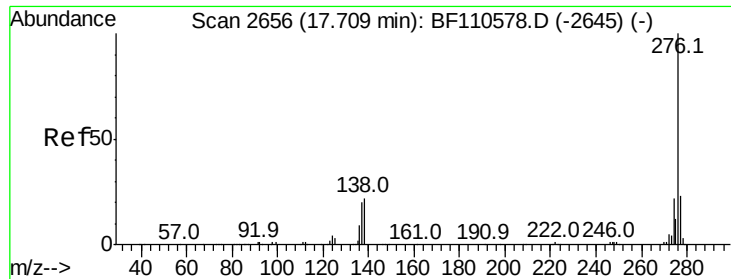
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#90
Benzo(a)pyrene
Concen: 6.150 ng
RT: 15.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BF110725.D
Acq: 13 Nov 2018 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	13.2	9.0	13.6





#92

Benzo(a,h,i)perylene

Concen: 3.081 ng/mL

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BF110725.D

Acq: 13 Nov 2018 18:04

Instrument :

BNA_F

ClientSampleId :

SB-15-S

Tot Ion:	276	Resp:	20580
Ion Ratio	Lower	Upper	
276	100		
277	29.5	18.8	28.2#
138	21.8	16.0	24.0

Manual Integrations
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