

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110736.D
 Acq On : 13 Nov 2018 23:06
 Operator : JU/SJ
 Sample : J5770-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-111218-B

Manual Integrations
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Quant Time: Nov 14 06:28:12 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	86289	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	331264	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	126761	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	207350	20.00	ng	0.00
76) Chrysene-d12	14.13	240	175799	20.00	ng	0.00
87) Perylene-d12	15.66	264	118129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	304916	57.40	ng	0.00
7) Phenol-d6	6.57	99	376451	55.42	ng	0.00
23) Nitrobenzene-d5	7.51	82	226233	39.33	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	62116	48.63	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	358419	40.38	ng	0.00
79) Terphenyl-d14	13.06	244	287212	30.60	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	17951	2.279	ng	Qvalue # 73
75) Fluoranthene	12.70	202	41139	3.694	ng	99
78) Pyrene	12.93	202	47544	3.512	ng	98
81) Benzo(a)anthracene	14.12	228	21027	2.001	ng	91
83) Chrysene	14.16	228	24125	2.410	ng	98
88) Benzo(b)fluoranthene	15.20	252	25140m	3.557	ng	
90) Benzo(a)pyrene	15.59	252	16429	2.559	ng	# 91
92) Benzo(g,h,i)perylene	17.72	276	12560	2.330	ng	# 81

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

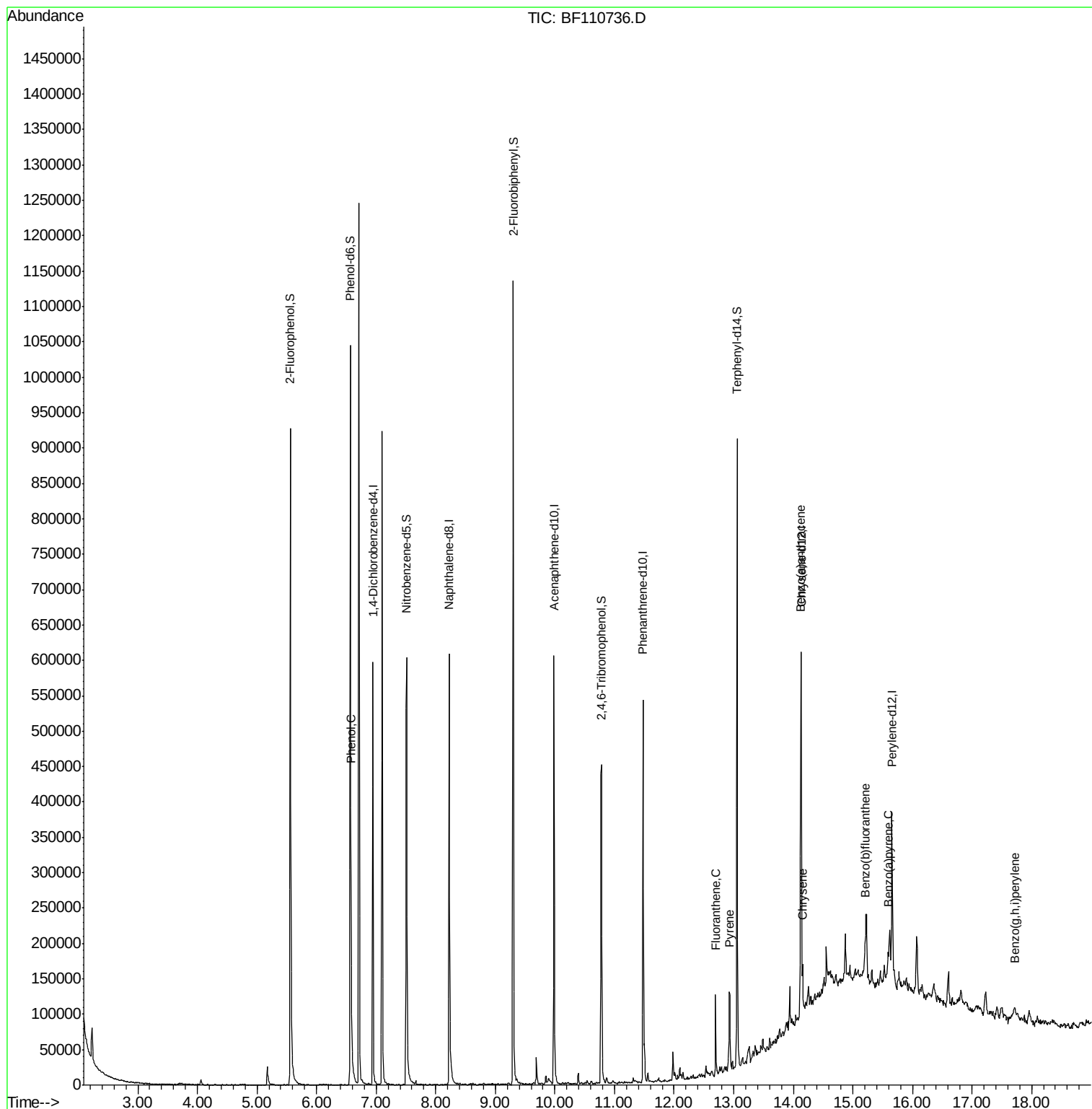
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110736.D
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Operator : JU/SJ
Sample : J5770-03 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

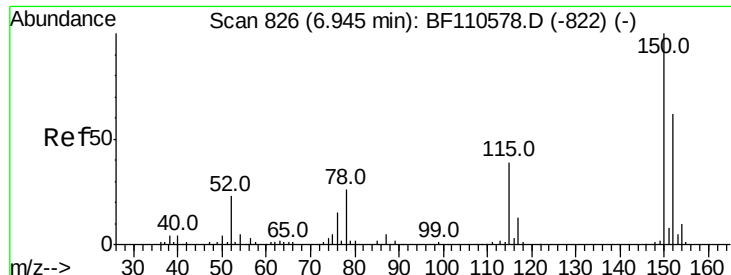
Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

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

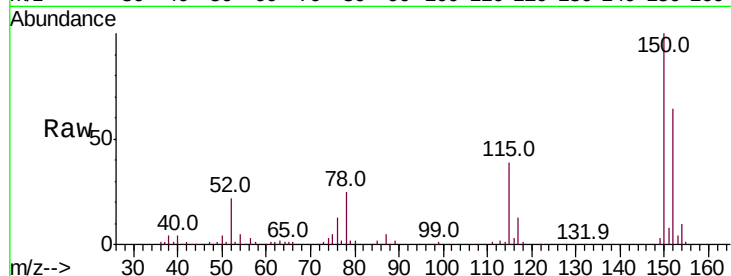
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.7	184.1
115	61.5	49.1	73.7

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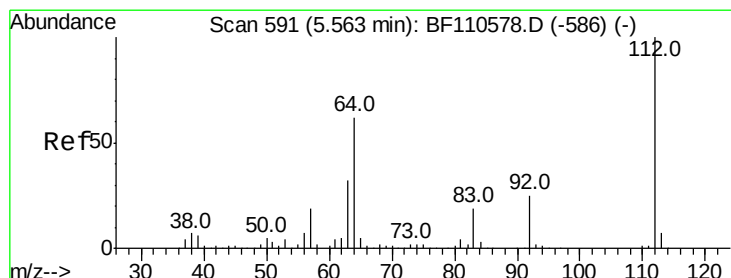
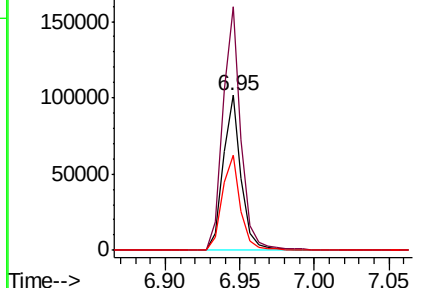
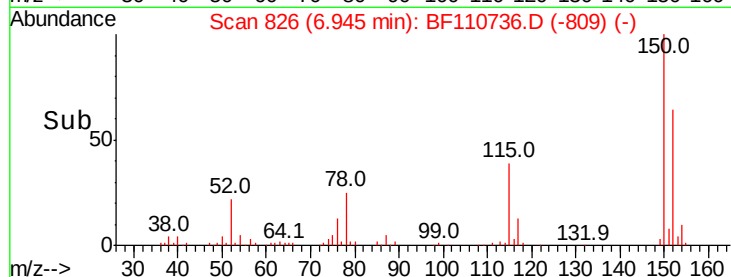


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

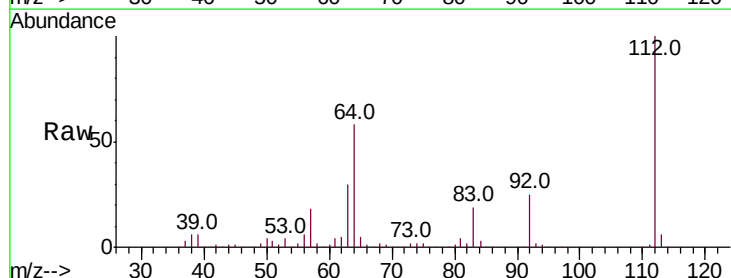
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.398 ng
RT: 5.56 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	44.1	66.1
63	30.0	23.7	35.5

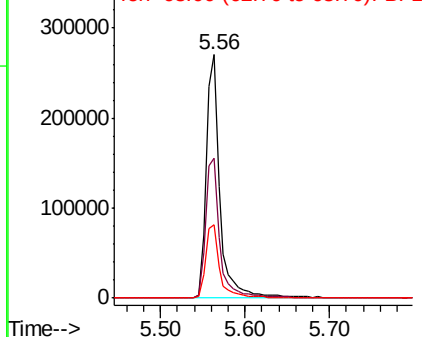
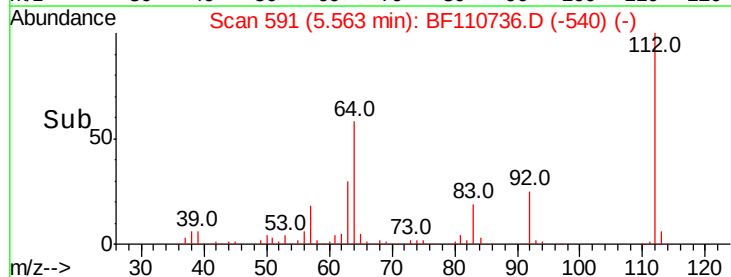


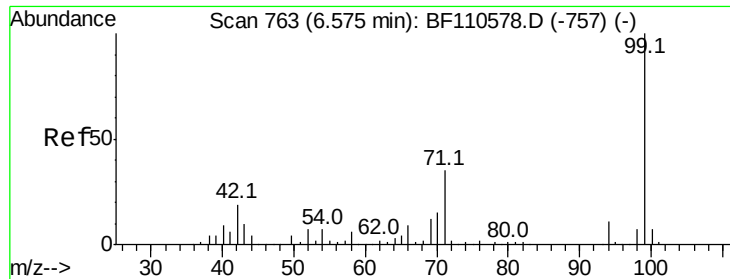
Abundance

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: 55.416 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110736.D

Acq: 13 Nov 2018 23:06

Instrument :

BNA_F

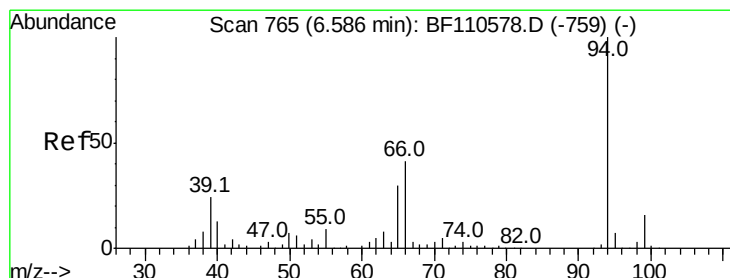
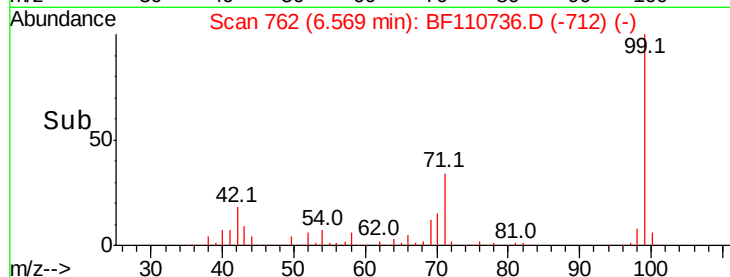
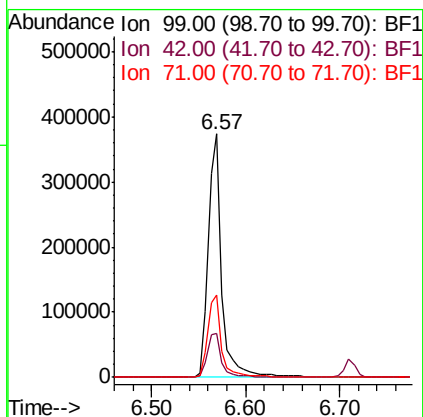
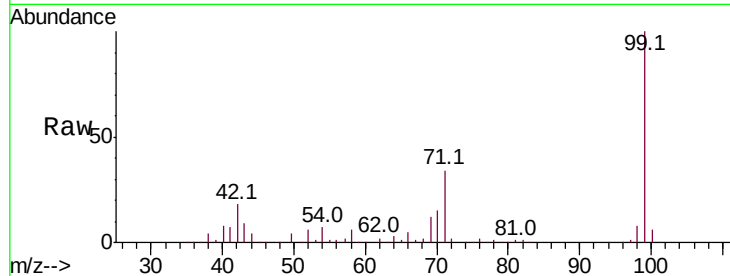
ClientSampleId :

OR-01-111218-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		376451		
42	18.2	15.8	23.6		
71	33.7	28.0	42.0		

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#10

Phenol

Concen: 2.279 ng

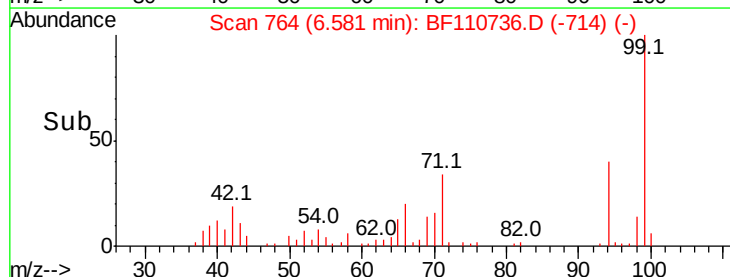
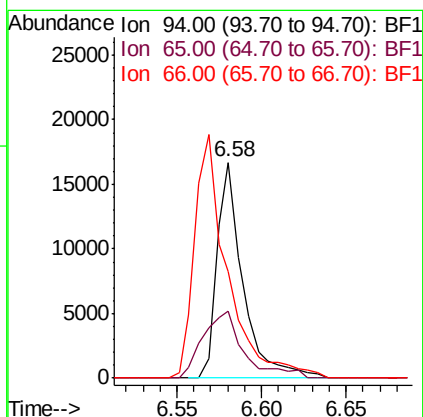
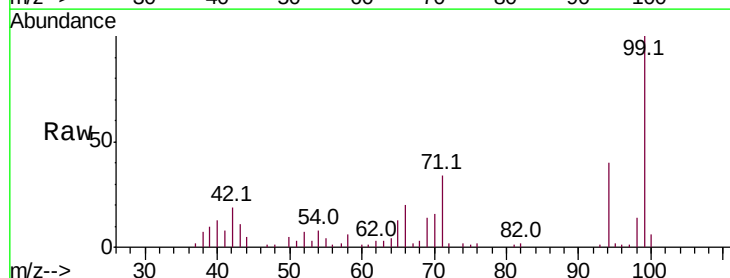
RT: 6.58 min Scan# 764

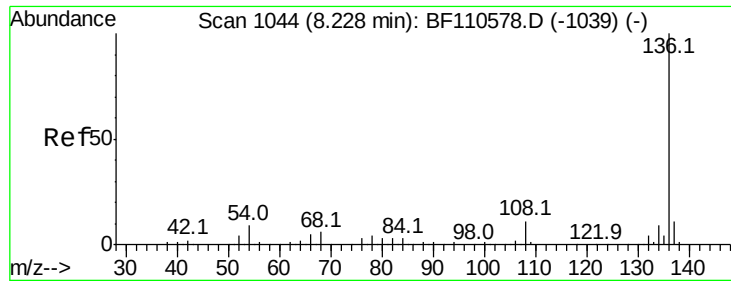
Delta R.T. -0.01 min

Lab File: BF110736.D

Acq: 13 Nov 2018 23:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		17951		
65	31.3	25.3	65.3		
66	49.1	54.5	94.5#		





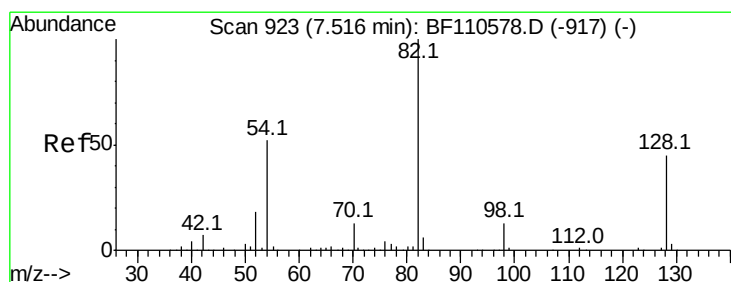
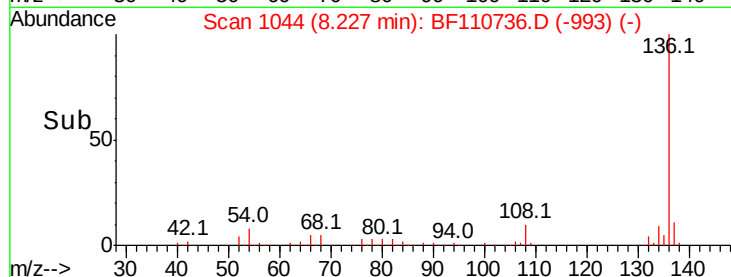
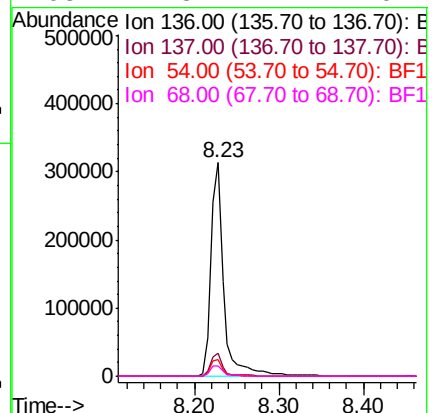
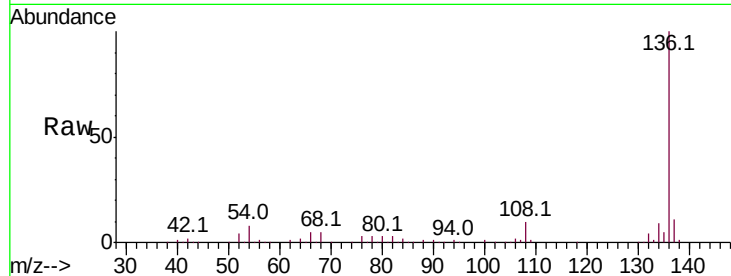
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.8	13.2	
54	7.6	5.4	8.2	
68	4.8	4.2	6.2	

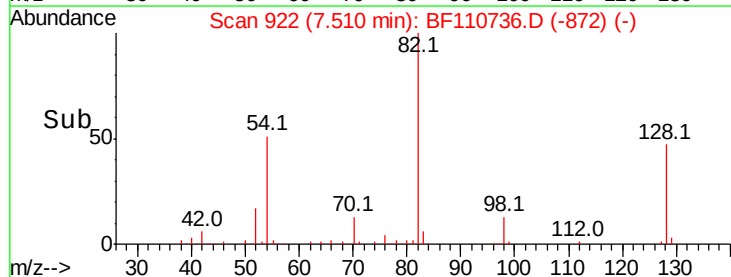
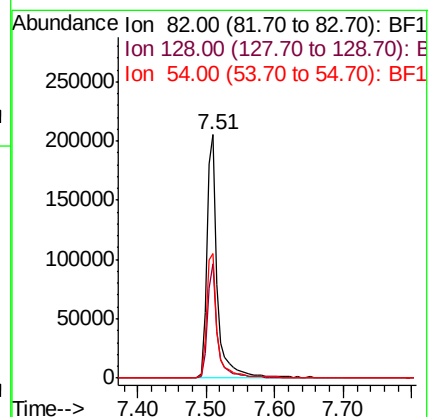
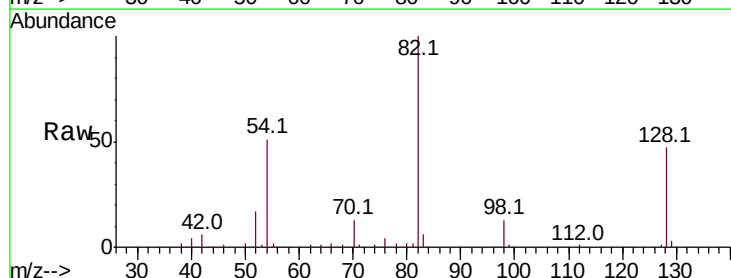
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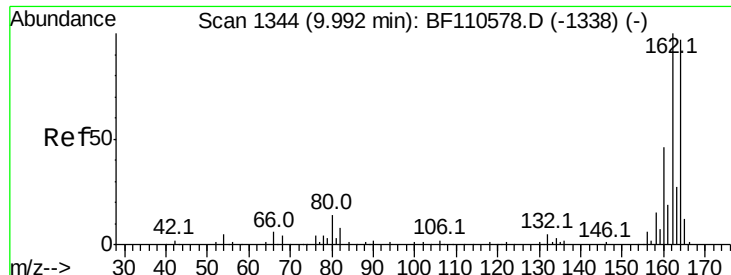
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#23
Nitrobenzene-d5
Concen: 39.330 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	34.2	51.2	
54	51.4	38.6	58.0	





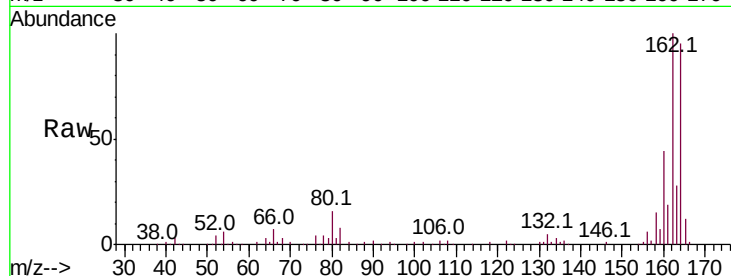
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

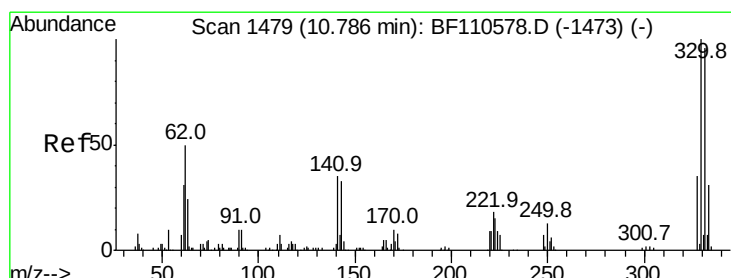
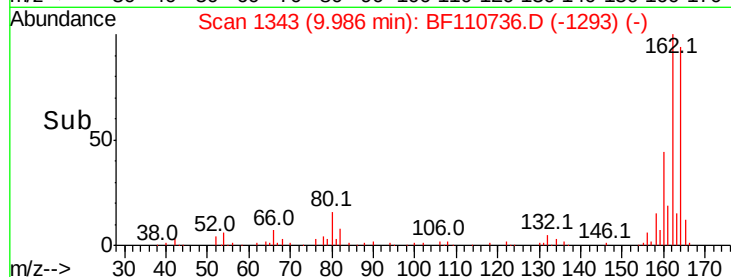
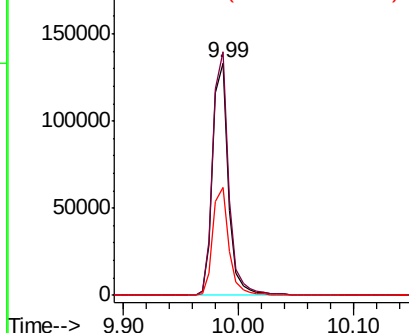
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	83.0	124.6	
160	46.2	37.0	55.6	

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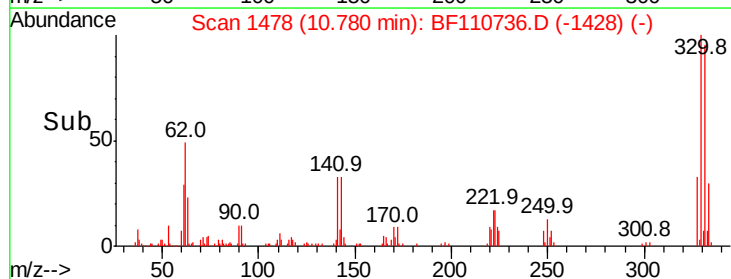
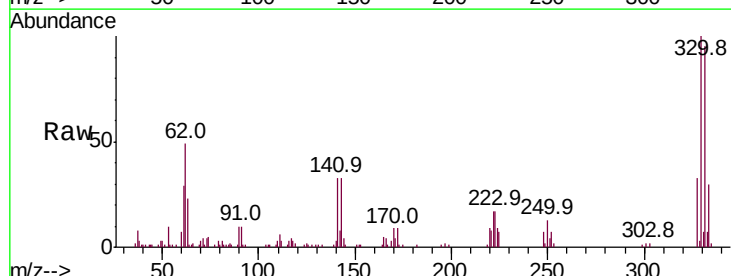
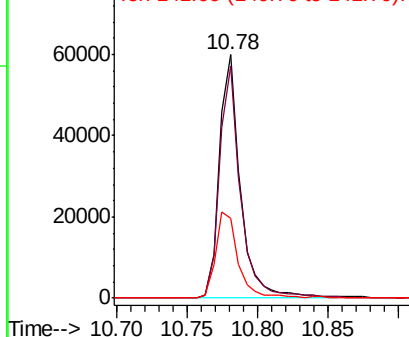
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

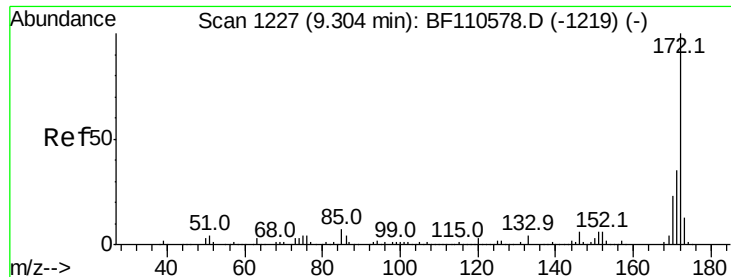


#42
2,4,6-Tribromophenol
Concen: 48.632 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.1	115.7	
141	37.8	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





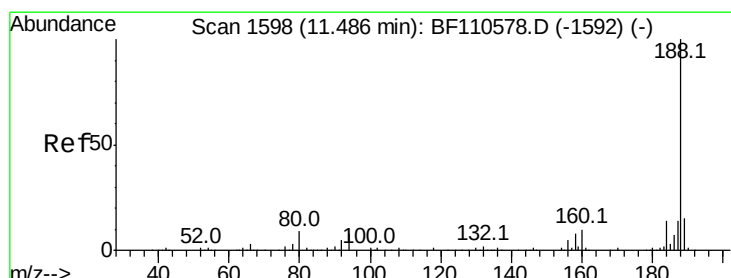
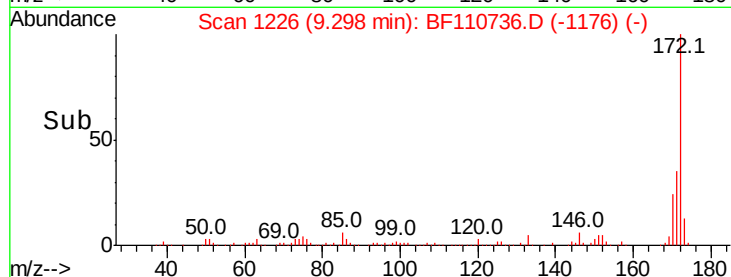
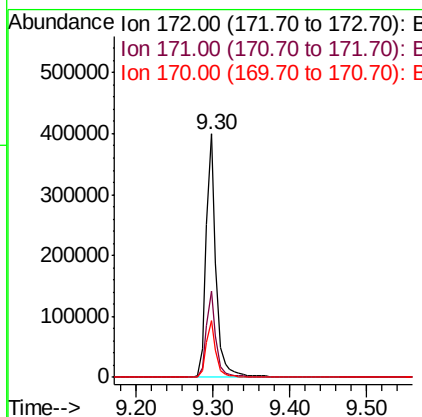
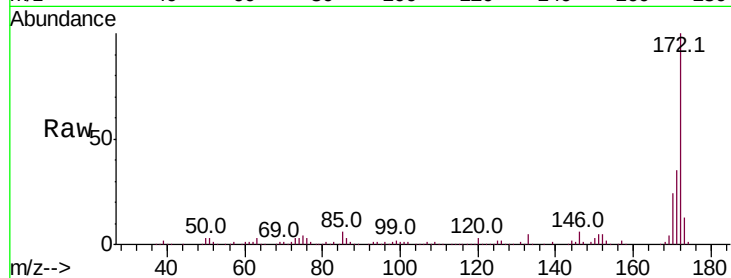
#45
2-Fluorobiphenyl
Concen: 40.382 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

Tot Ion	Ratio	Resp	Lower	Upper
172	100	358419		
171	35.3		28.6	43.0
170	23.5		19.7	29.5

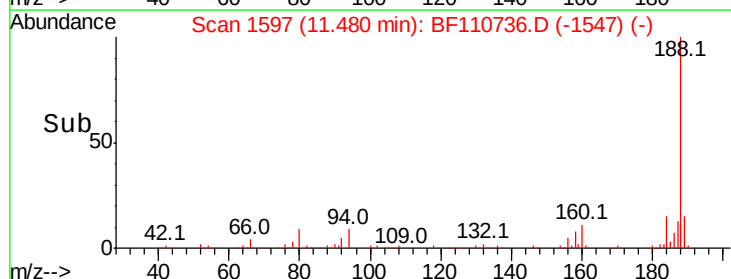
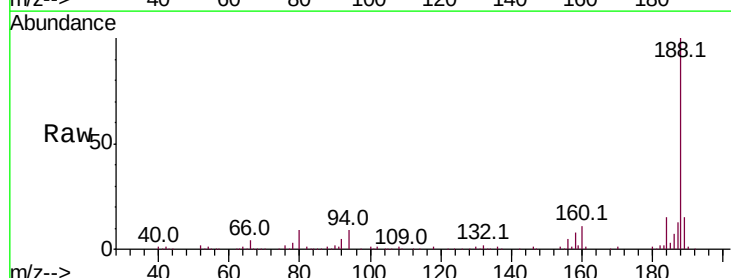
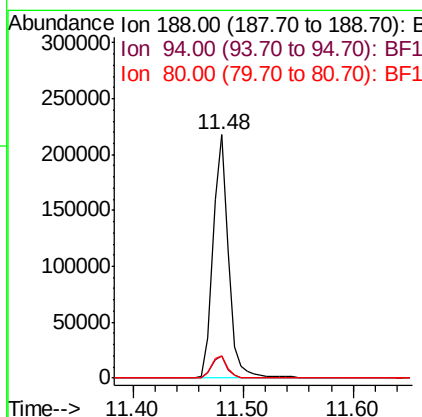
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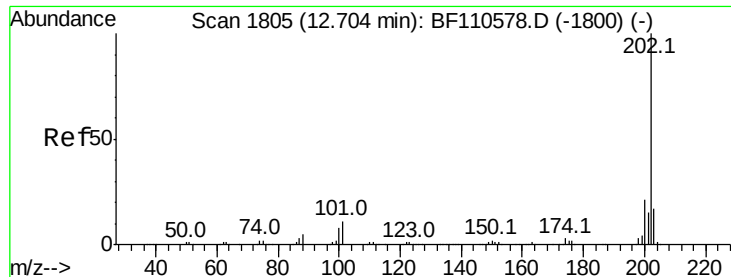
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	207350		
94	8.9		7.2	10.8
80	9.2		7.9	11.9





#75

Fluoranthene

Concen: 3.694 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110736.D

Acq: 13 Nov 2018 23:06

Instrument :

BNA_F

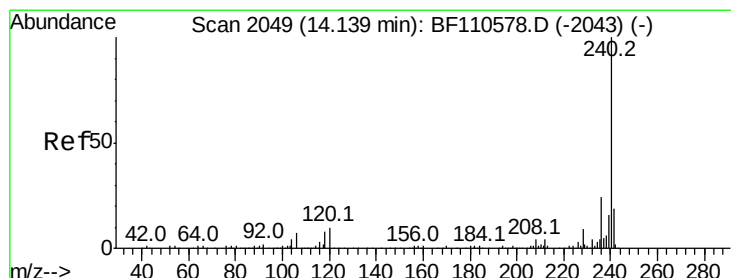
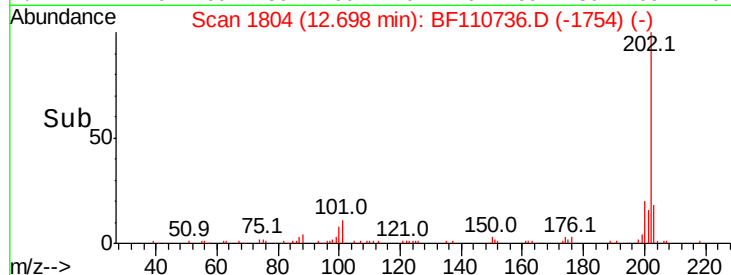
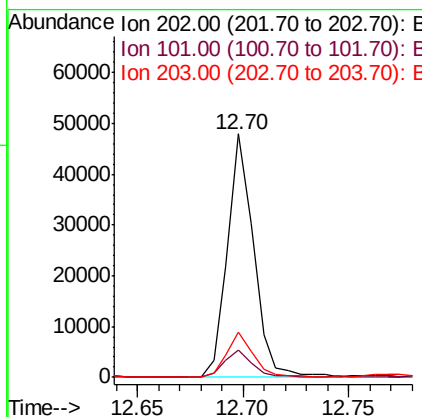
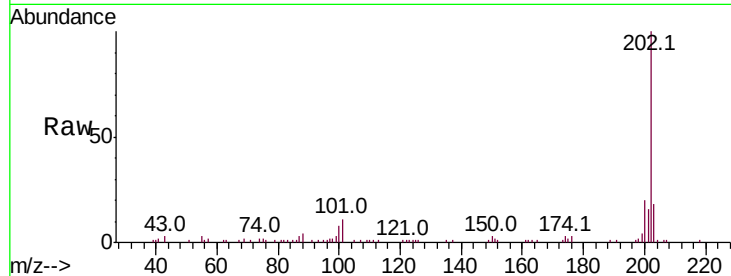
ClientSampleId :

OR-01-111218-B

Tot Ion:	202	Resp:	41139
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.4
203	18.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

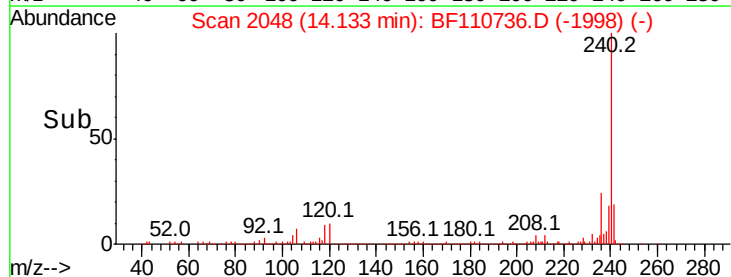
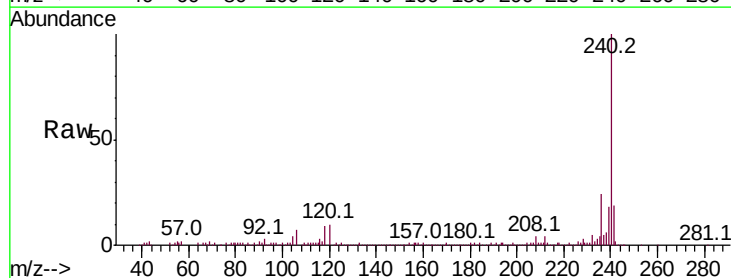
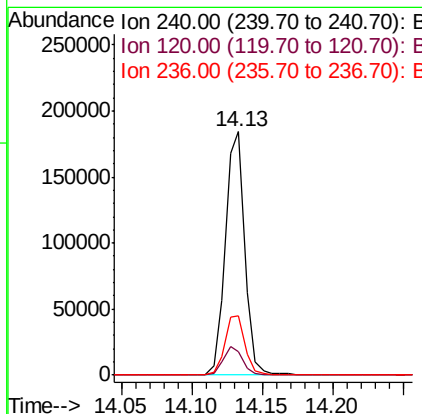
RT: 14.13 min Scan# 2048

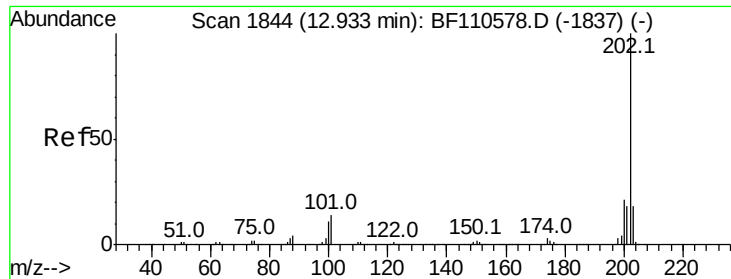
Delta R.T. -0.01 min

Lab File: BF110736.D

Acq: 13 Nov 2018 23:06

Tgt Ion:	240	Resp:	175799
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.3	12.5
236	24.2	21.2	31.8





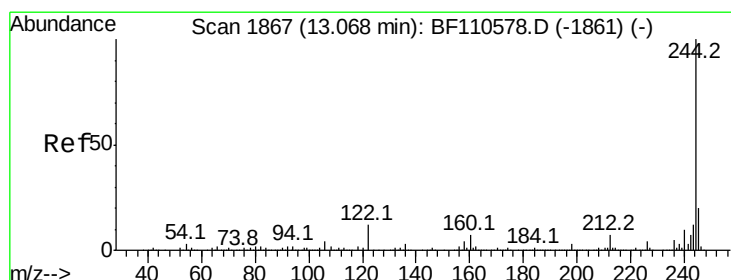
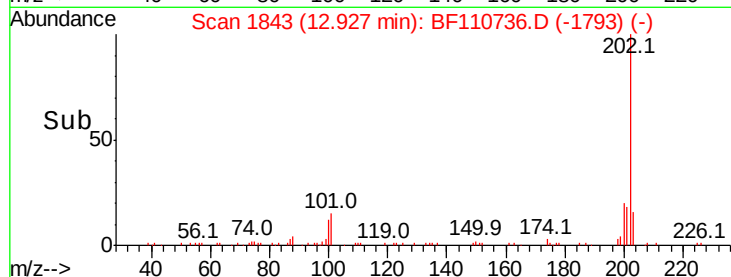
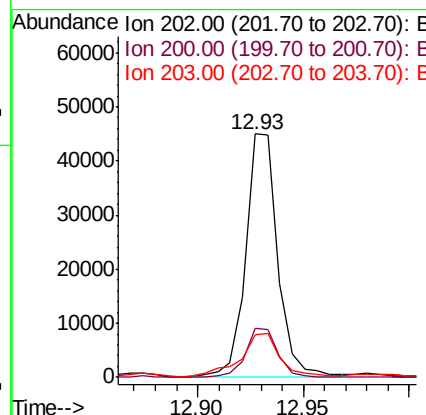
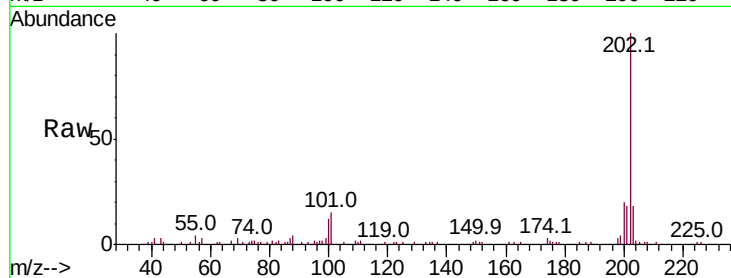
#78
Pvrene
Concen: 3.512 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.8	26.6
203	17.6	14.2	21.4

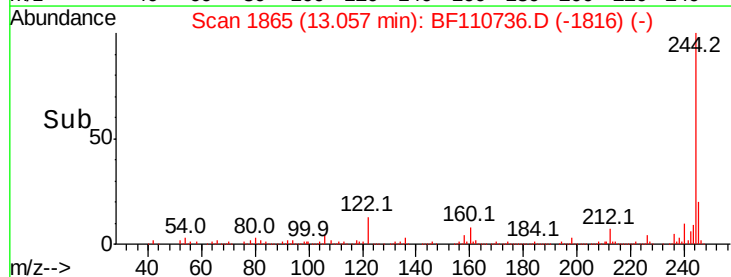
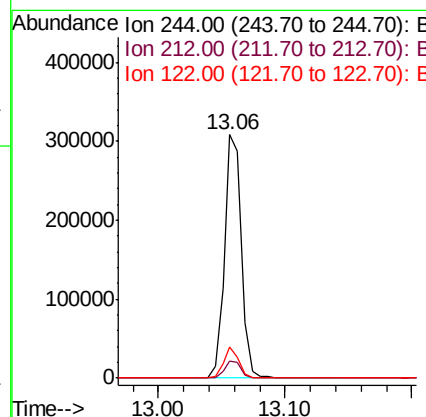
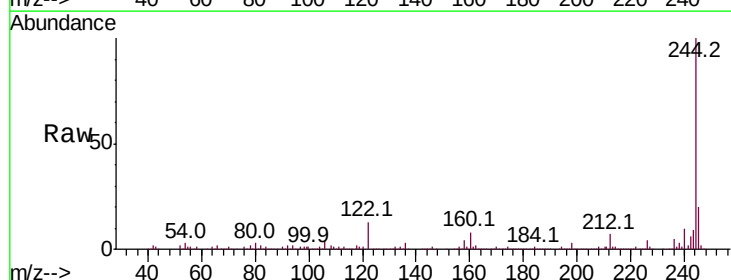
Manual Integrations
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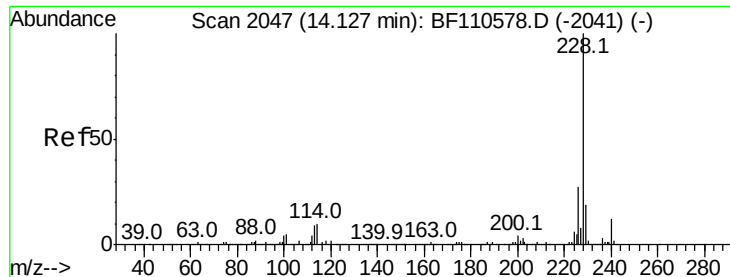
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#79
Terphenyl-d14
Concen: 30.596 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.8	8.7	13.1





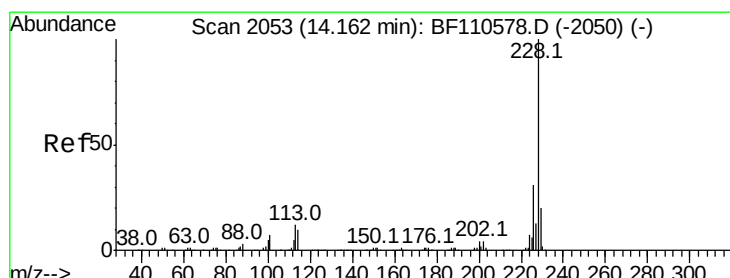
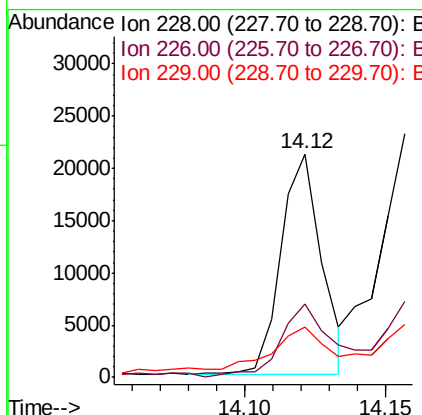
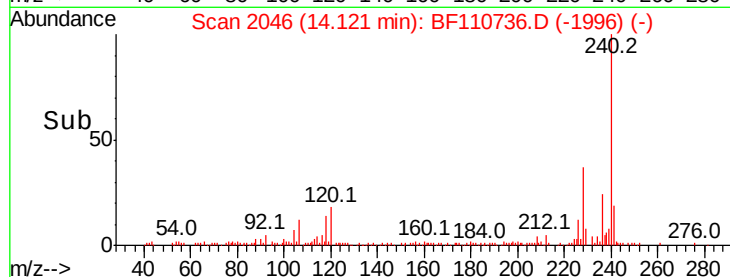
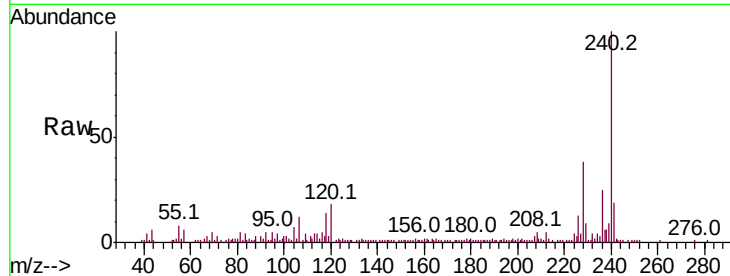
#81
Benzo(a)anthracene
Concen: 2.001 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	22.1	33.1
229	22.5	15.6	23.4

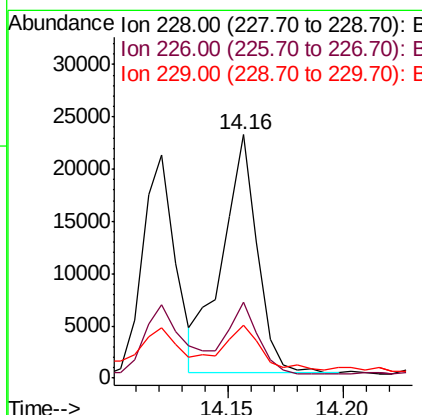
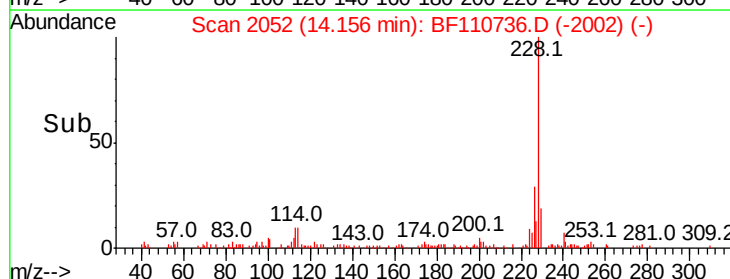
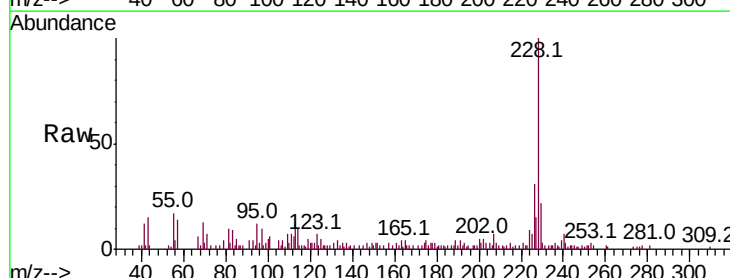
Manual Integrations
APPROVED

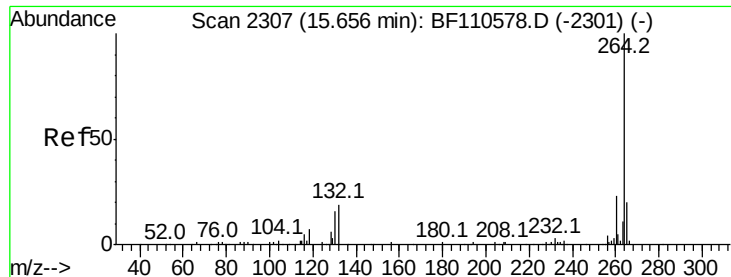
Sohil
11/14/2018 1:52:29 PM



#83
Chrysene
Concen: 2.410 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	21.8	15.9	23.9





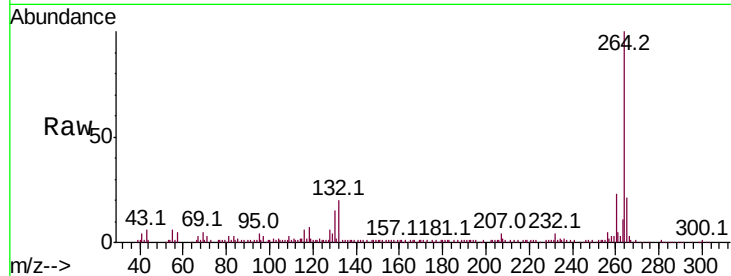
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampleId :
OR-01-111218-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.7	28.1
265	21.2	16.7	25.1

Manual Integrations
APPROVED

Sohil
11/14/2018 1:52:29 PM

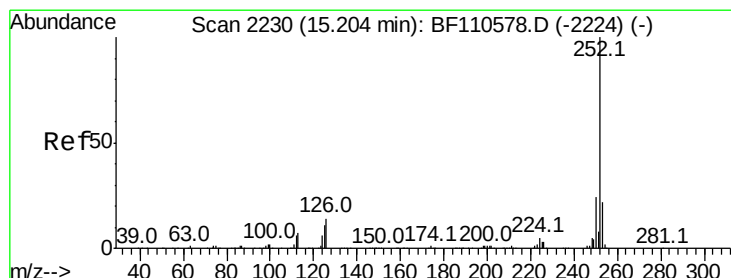
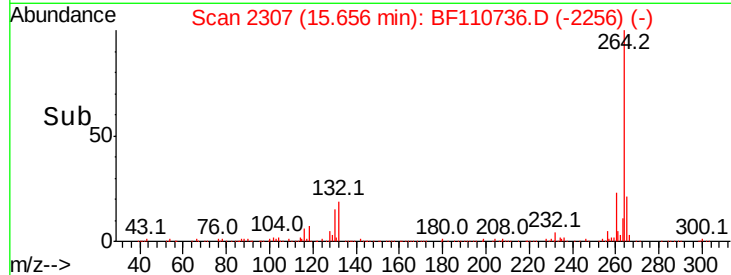
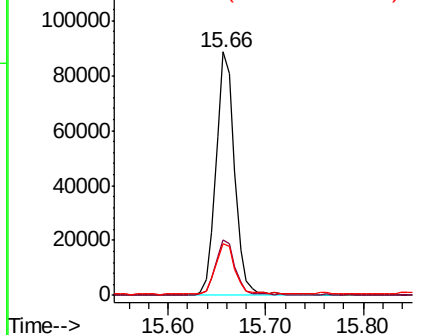


Abundance

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: 3.557 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

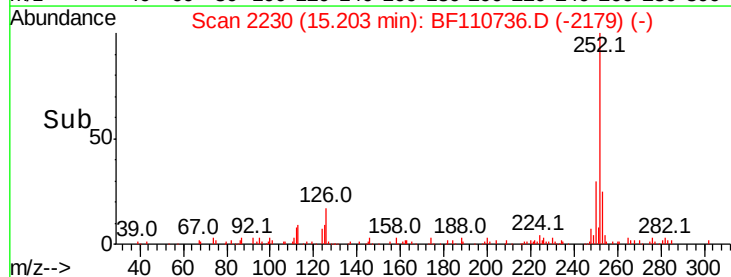
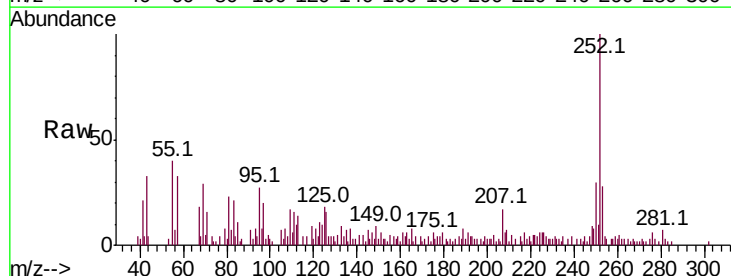
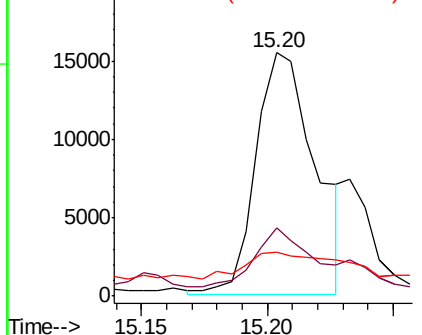
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.2	25.8#
125	17.9	8.2	12.4#

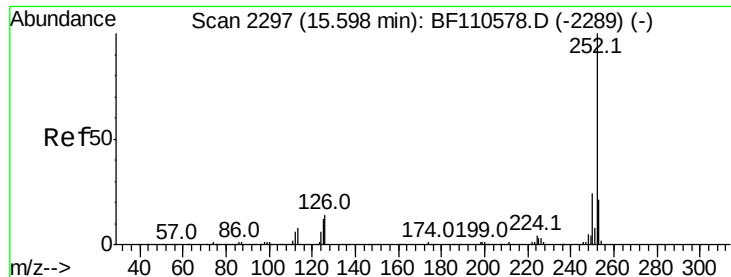
Abundance

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





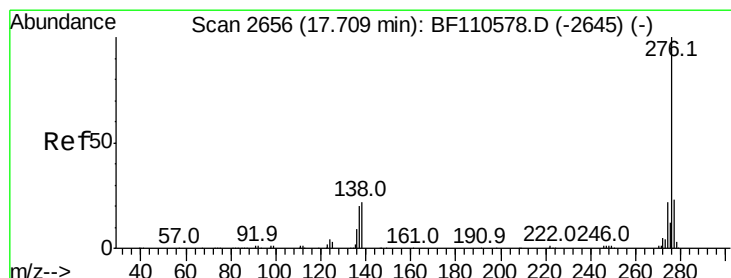
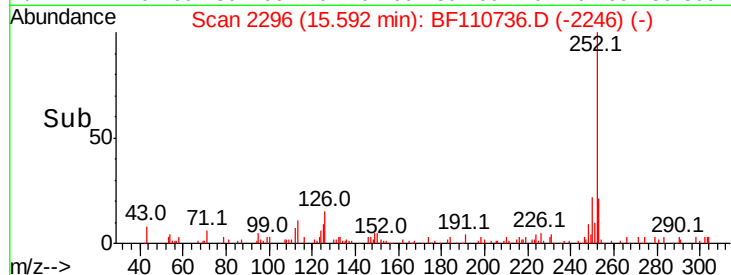
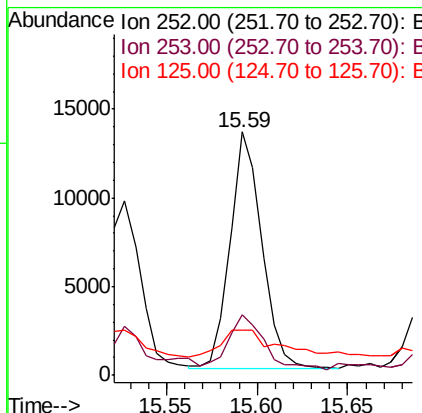
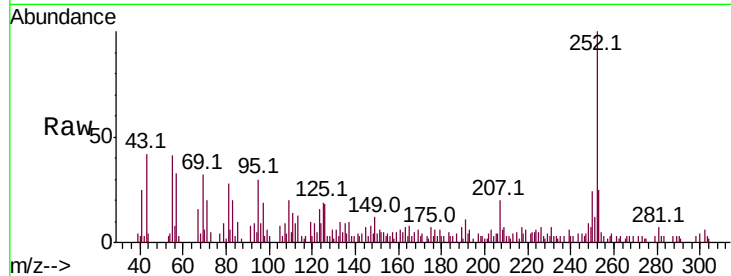
#90
Benzo(a)pyrene
Concen: 2.559 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Instrument :
BNA_F
ClientSampled :
OR-01-111218-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	18.6	9.0	13.6

Manual Integrations
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Sohil
11/14/2018 1:52:29 PM



#92
Benzo(g,h,i)perylene
Concen: 2.330 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110736.D
Acq: 13 Nov 2018 23:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.8	18.8	28.2
138	30.9	16.0	24.0

