

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110271.D
 Acq On : 29 Oct 2018 19:31
 Operator : JU/SJ
 Sample : J5697-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-58-66-98-92

Manual Integrations
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Sohil
 10/30/2018 3:04:15 PM

Quant Time: Oct 30 08:08:24 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	105505	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	431756	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	188552	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	288191	20.00	ng	0.00
76) Chrysene-d12	14.15	240	205529	20.00	ng	0.00
87) Perylene-d12	15.69	264	171782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	629553	97.17	ng	0.00
7) Phenol-d6	6.59	99	792043	95.58	ng	0.00
23) Nitrobenzene-d5	7.53	82	502922	69.09	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	148675	79.60	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	906205	75.47	ng	0.00
79) Terphenyl-d14	13.09	244	588181	59.52	ng	0.00
Target Compounds						
10) Phenol	6.60	94	45633	5.152	ng	Qvalue # 62
50) Dimethylphthalate	9.72	163	131875	9.475	ng	99
71) Phenanthrene	11.53	178	54574	3.619	ng	99
75) Fluoranthene	12.72	202	69268	4.526	ng	99
78) Pyrene	12.95	202	54257	3.682	ng	96
88) Benzo(b)fluoranthene	15.23	252	34557m	3.484	ng	
90) Benzo(a)pyrene	15.62	252	19174	2.101	ng	94

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

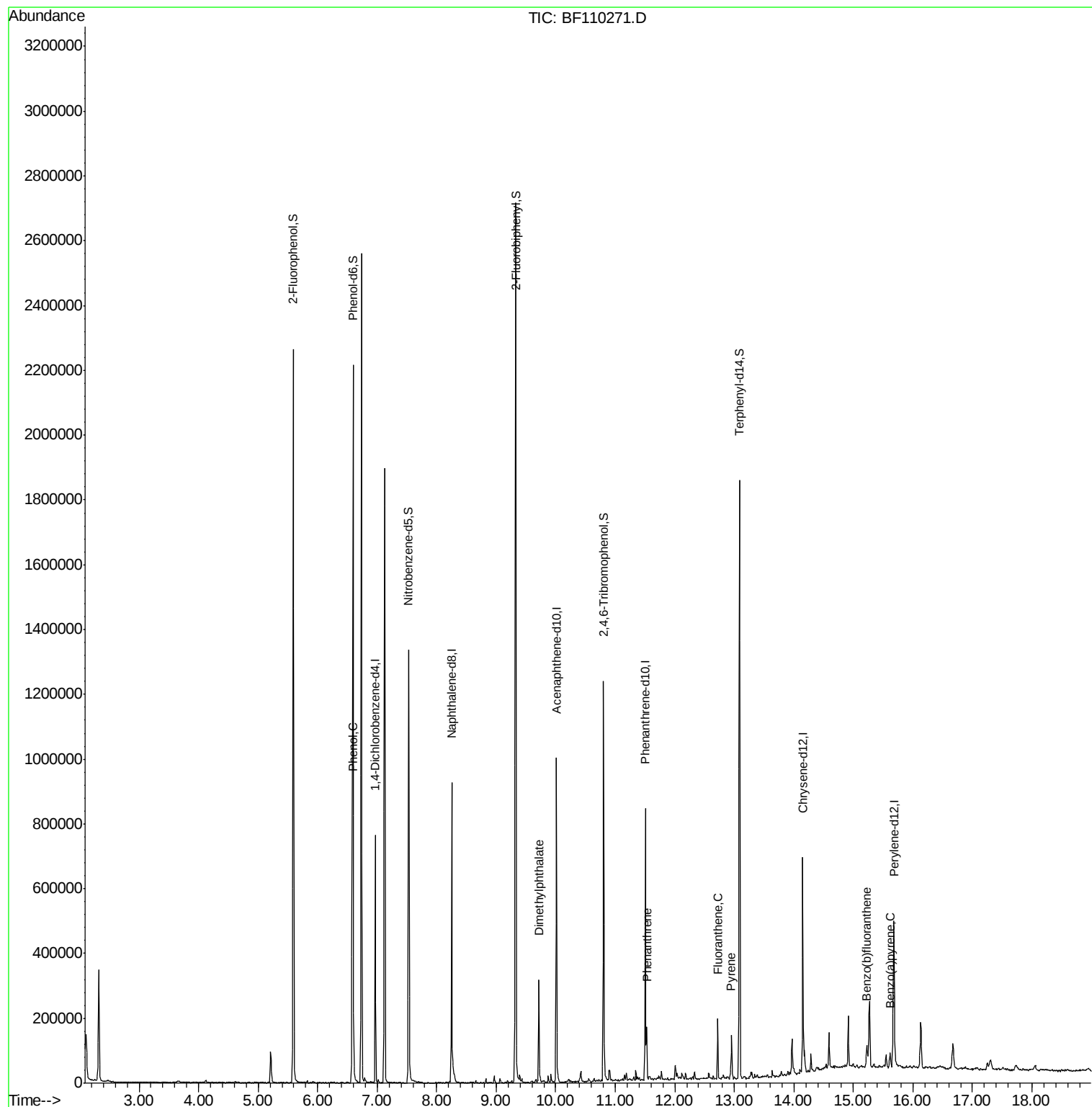
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
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ALS Vial : 21 Sample Multiplier: 1

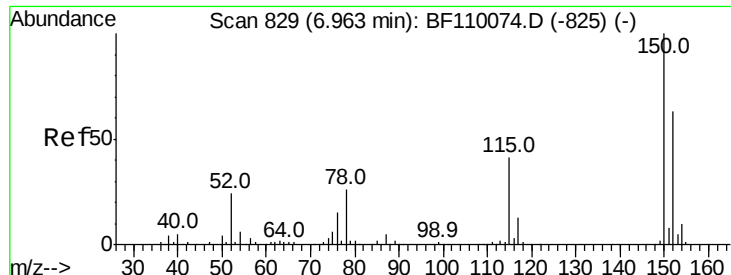
Instrument :
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ClientSampleId :
CHRT-58-66-98-92

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
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#1

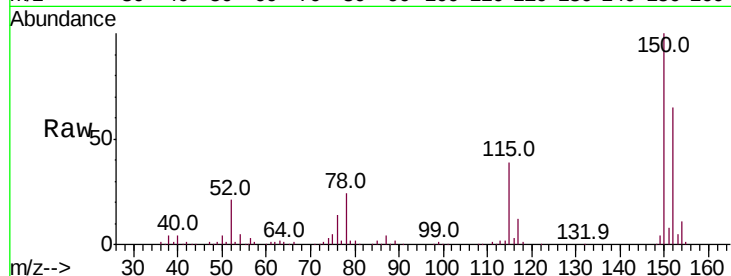
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.7	184.1
115	59.9	49.1	73.7

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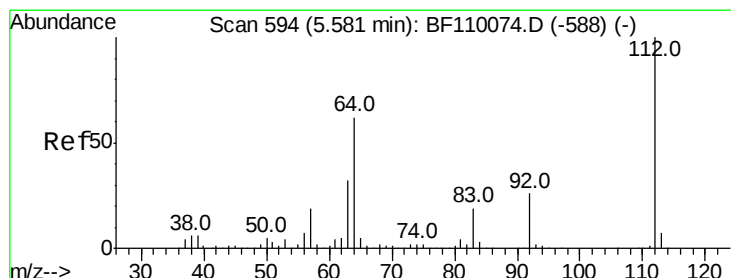
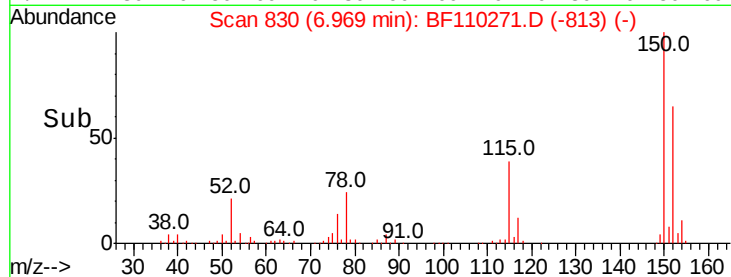
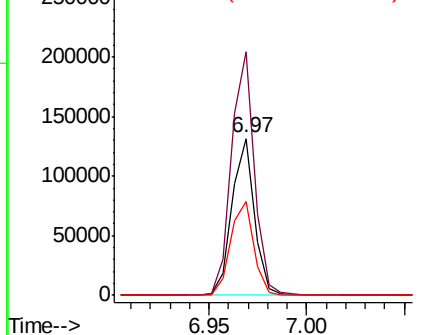


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

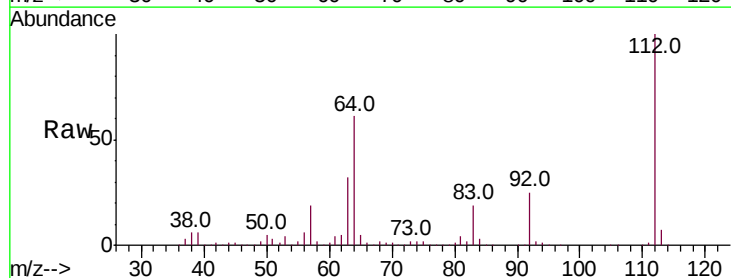
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.170 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	31.8	23.7	35.5

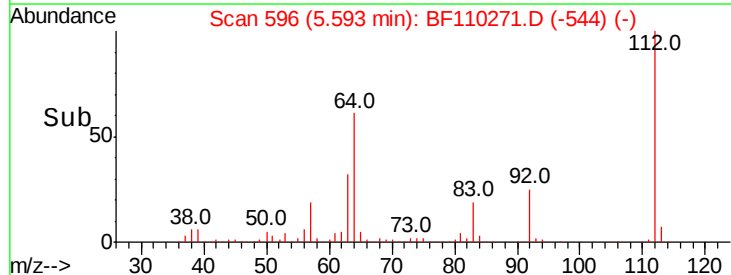
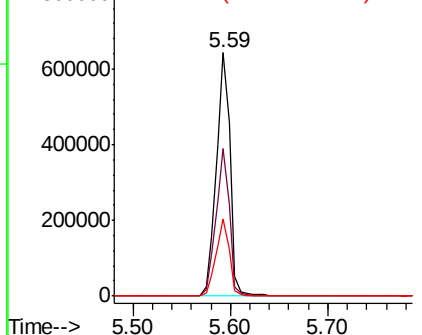


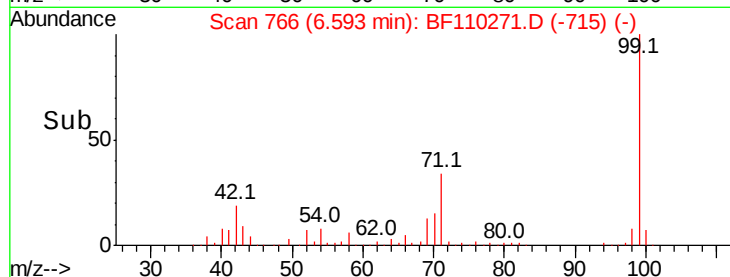
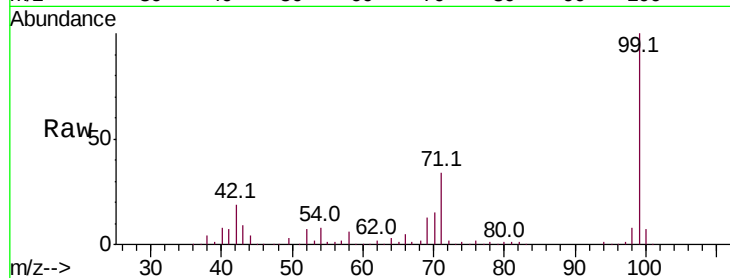
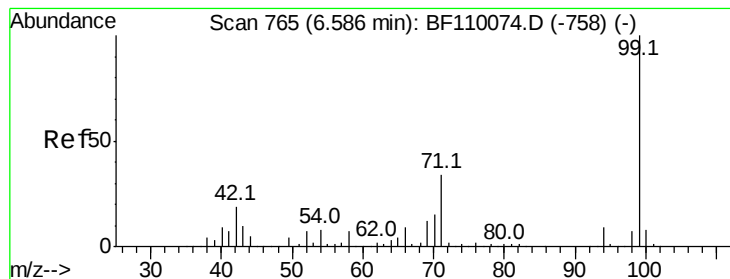
Abundance

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: 95.577 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110271.D

Acq: 29 Oct 2018 19:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		792043		
42	18.8	15.8	23.6		
71	34.3	28.0	42.0		

Instrument :

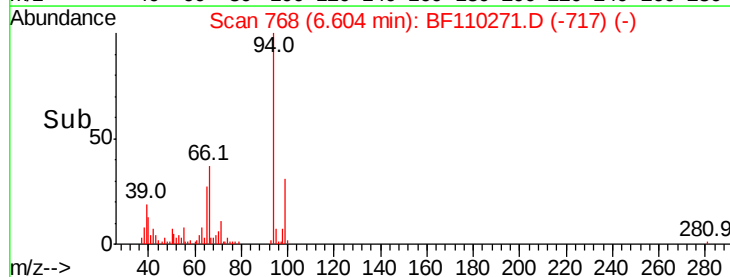
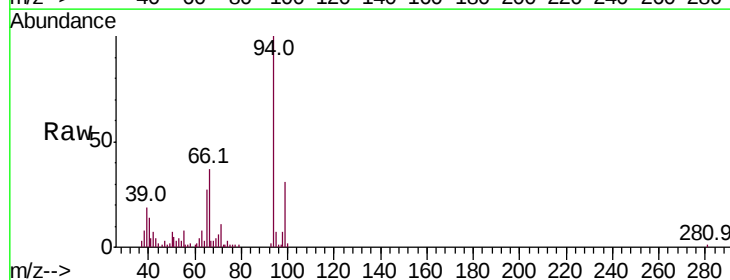
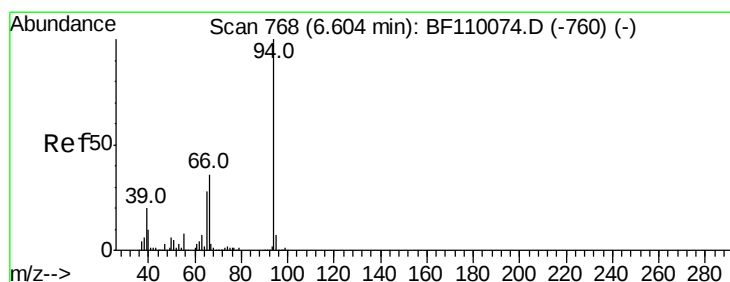
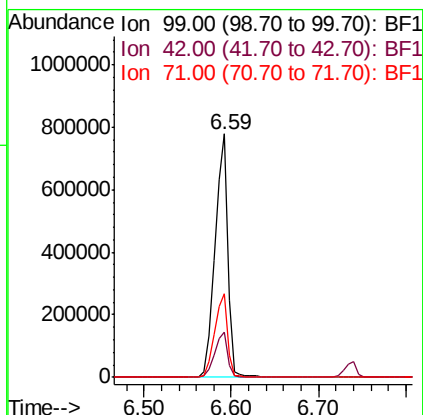
BNA_F

ClientSampleId :

CHRT-58-66-98-92

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#10

Phenol

Concen: 5.152 ng

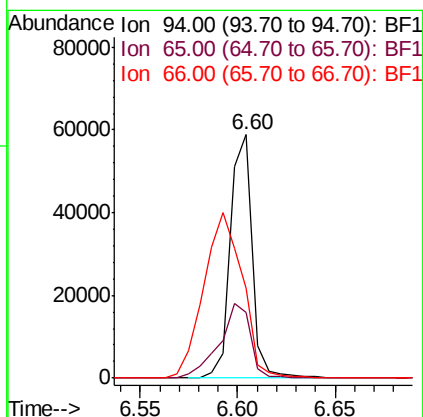
RT: 6.60 min Scan# 768

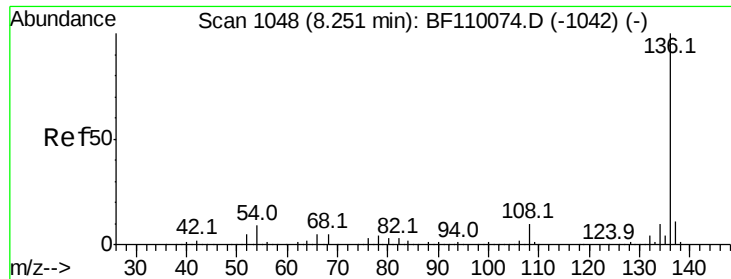
Delta R.T. 0.00 min

Lab File: BF110271.D

Acq: 29 Oct 2018 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		45633		
65	27.2	25.3	65.3		
66	37.1	54.5	94.5#		





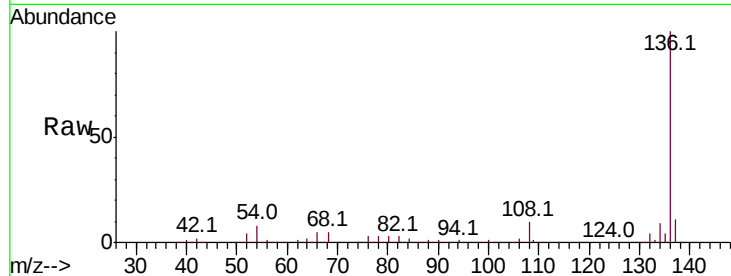
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

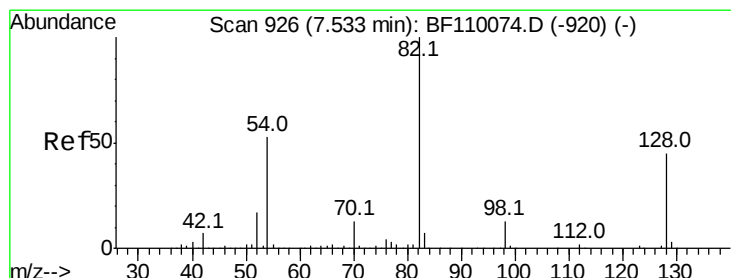
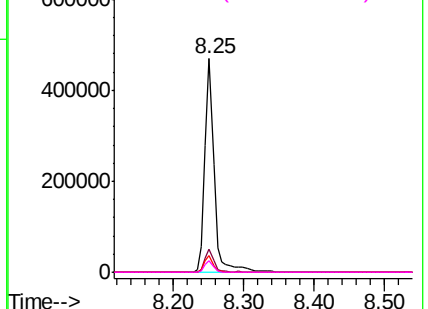
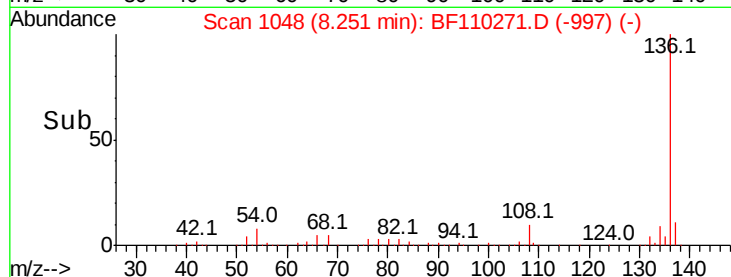
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.8	13.2	
54	7.6	5.4	8.2	
68	5.3	4.2	6.2	

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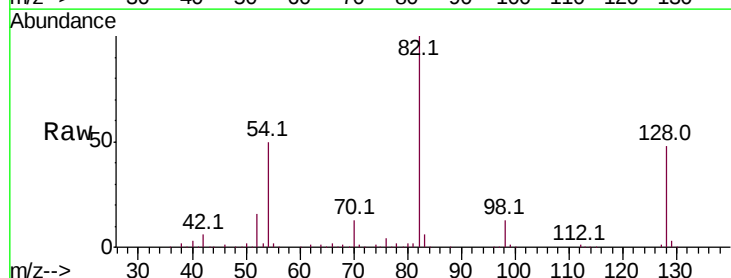


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

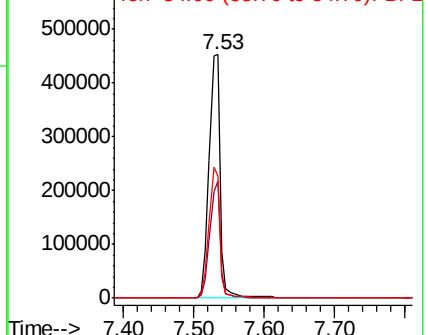
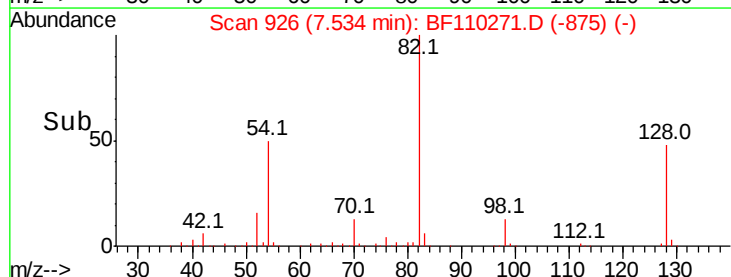


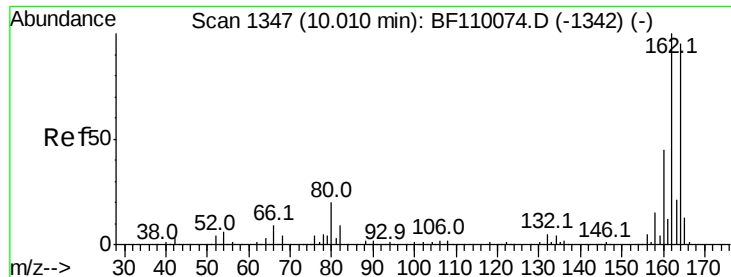
#23
Nitrobenzene-d5
Concen: 69.090 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.9	34.2	51.2	
54	50.2	38.6	58.0	



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





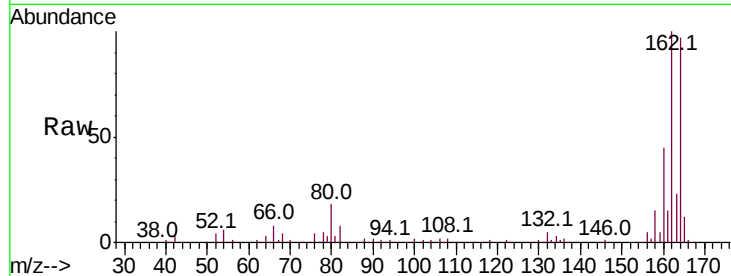
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.0	124.6
160	46.1	37.0	55.6

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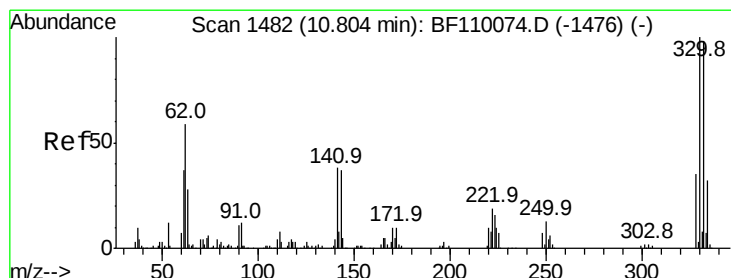
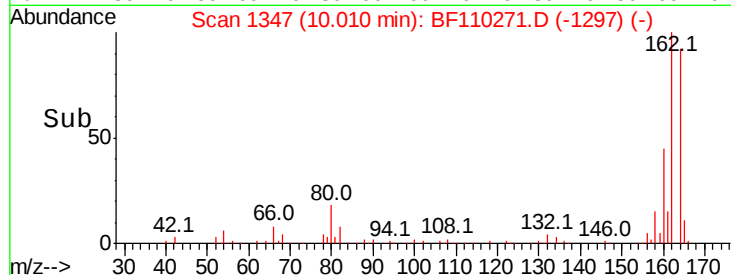
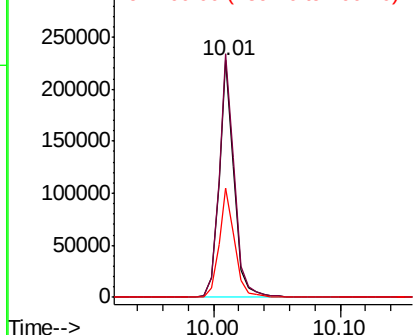


Abundance

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: 79.602 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

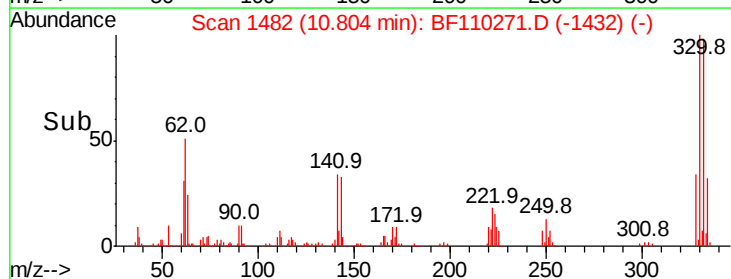
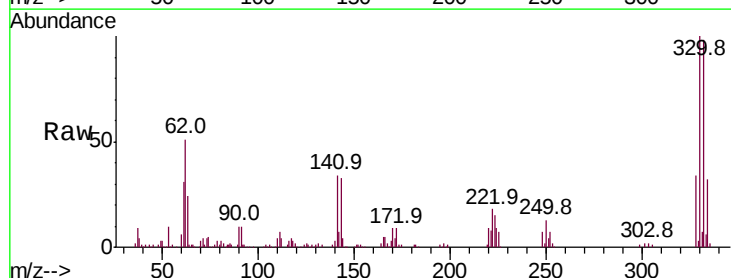
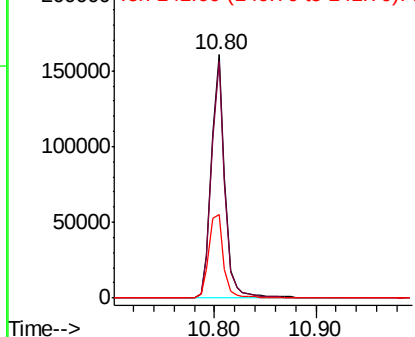
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	37.8	27.0	40.4

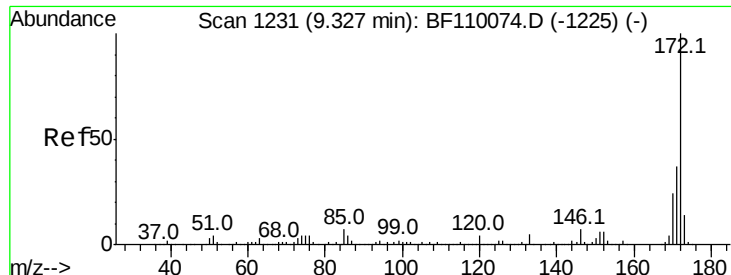
Abundance

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





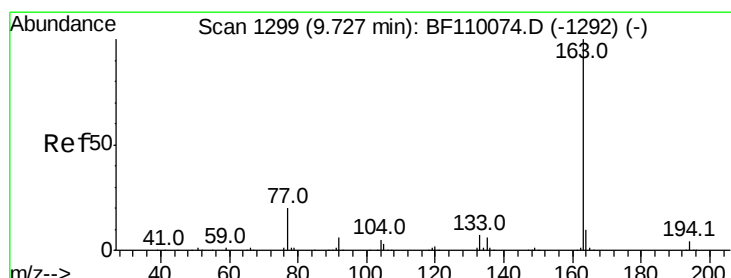
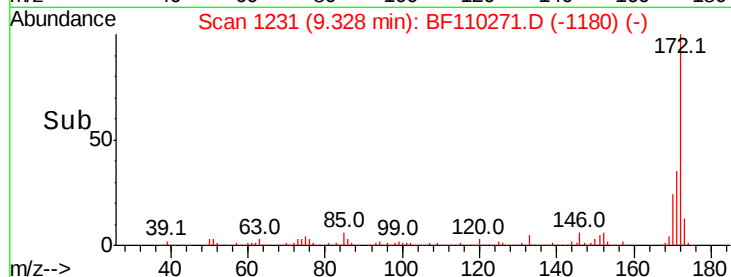
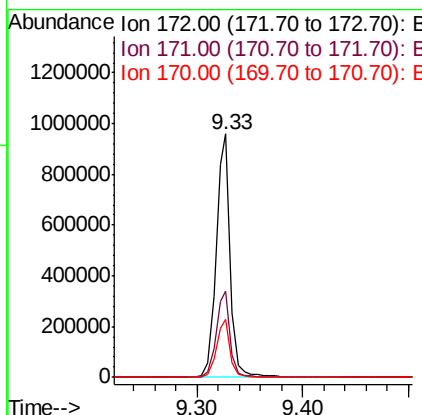
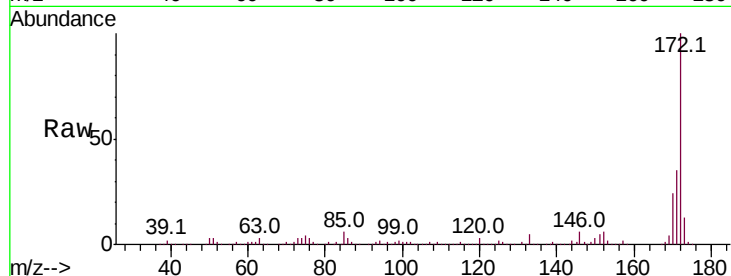
#45
2-Fluorobiphenyl
Concen: 75.469 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

Tot Ion	Ratio	Resp	Lower	Upper
172	100	906205		
171	35.5		28.6	43.0
170	23.6		19.7	29.5

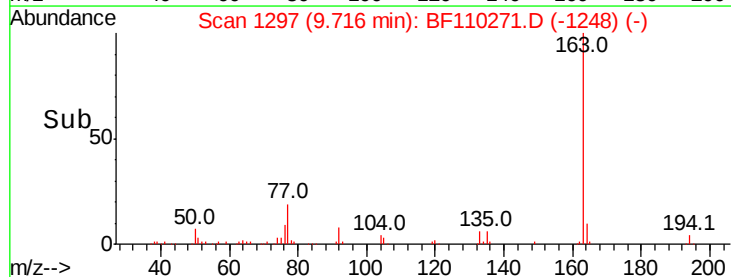
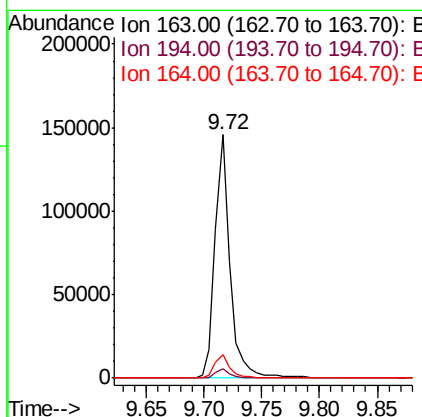
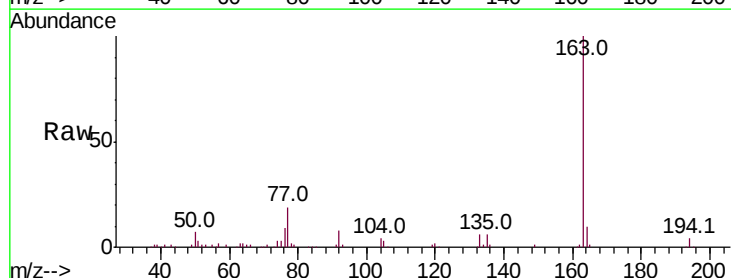
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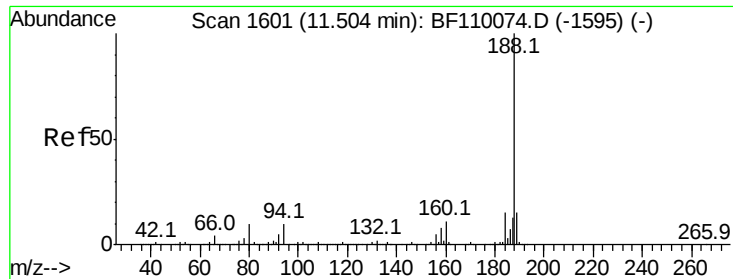
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#50
Dimethylphthalate
Concen: 9.475 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	131875		
194	3.8		3.2	4.8
164	9.6		8.1	12.1





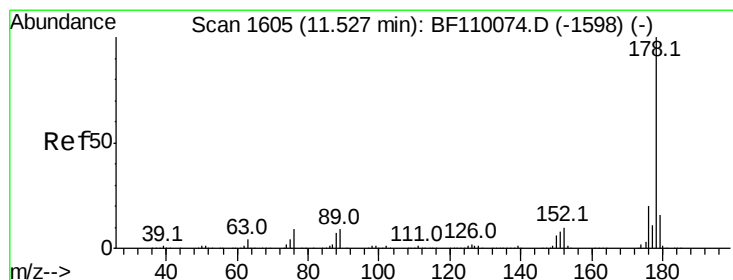
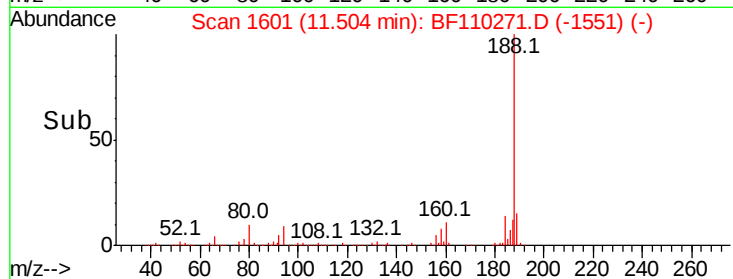
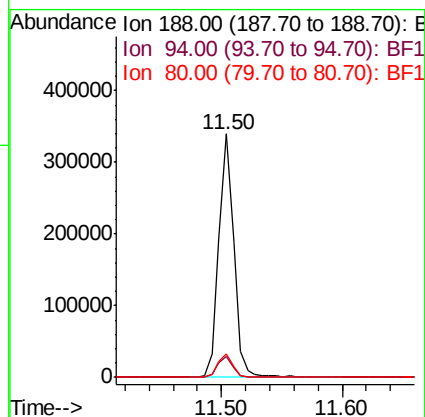
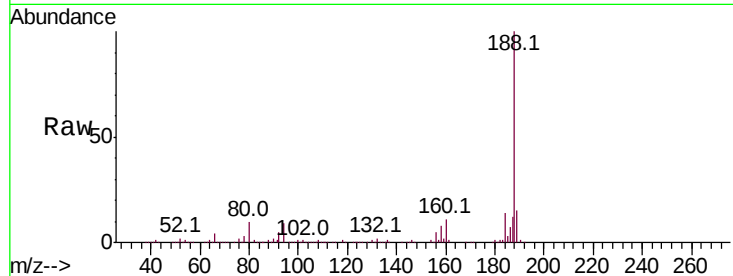
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.8	7.9	11.9

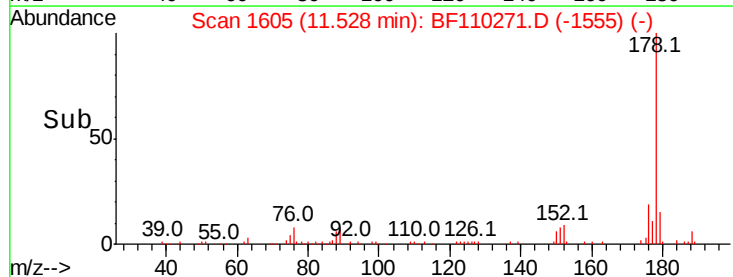
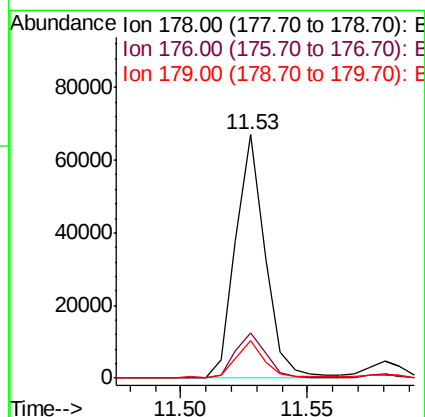
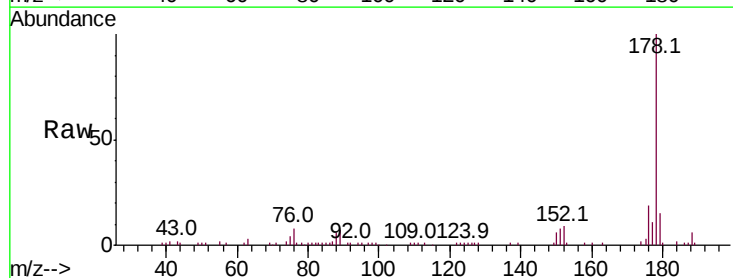
Manual Integrations
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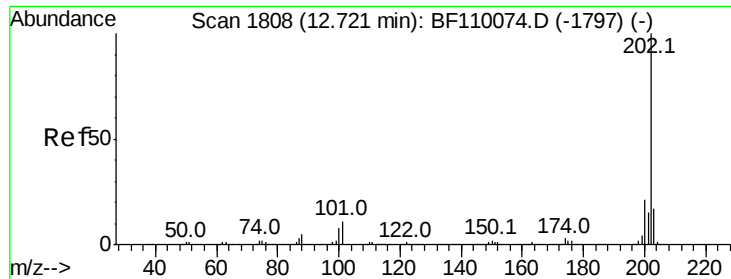
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#71
Phenanthrene
Concen: 3.619 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.2	12.5	18.7





#75

Fluoranthene

Concen: 4.526 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110271.D

Acq: 29 Oct 2018 19:31

Instrument :

BNA_F

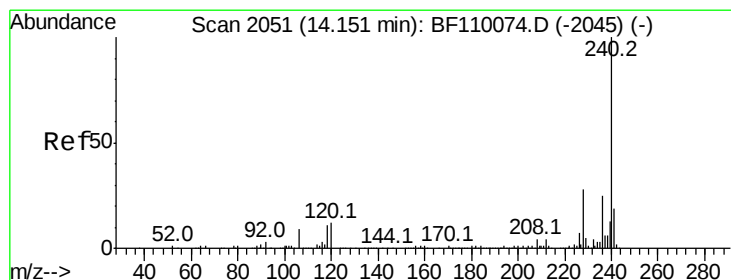
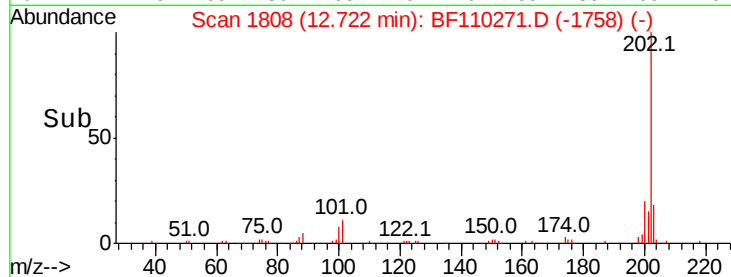
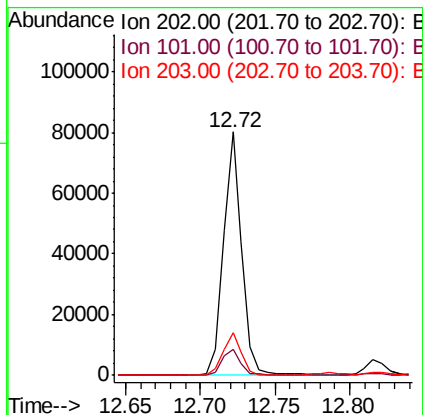
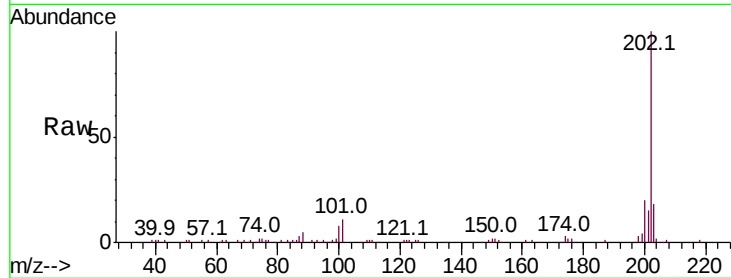
ClientSampleId :

CHRT-58-66-98-92

Tot Ion:	202	Resp:	69268
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.7	0.0	37.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

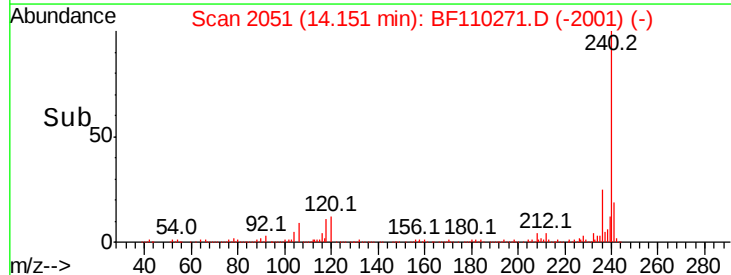
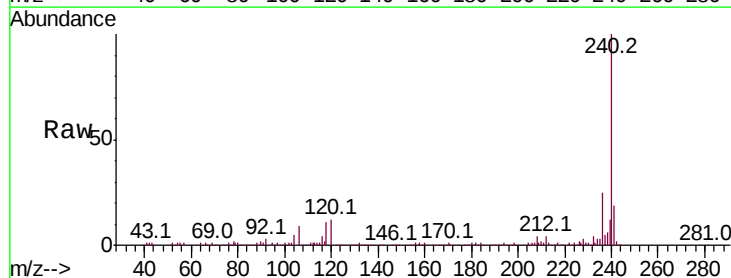
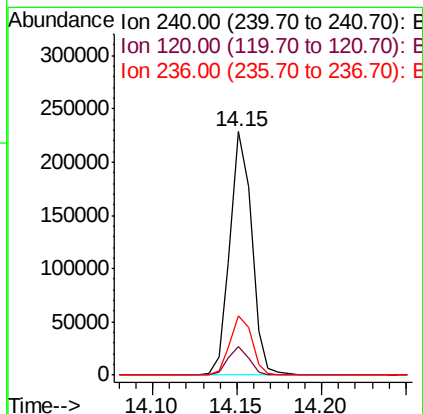
RT: 14.15 min Scan# 2051

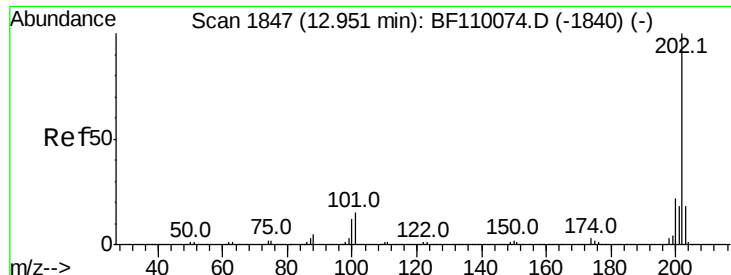
Delta R.T. -0.01 min

Lab File: BF110271.D

Acq: 29 Oct 2018 19:31

Tgt Ion:	240	Resp:	205529
Ion Ratio	Lower	Upper	
240	100		
120	11.8	8.3	12.5
236	24.6	21.2	31.8





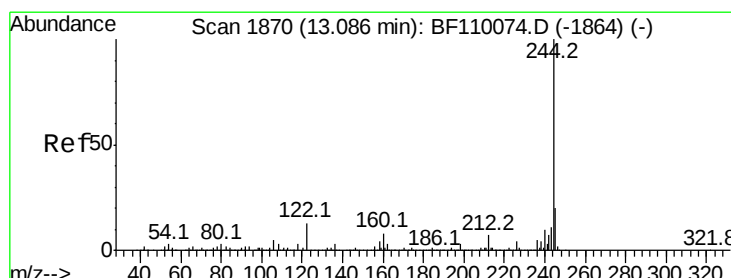
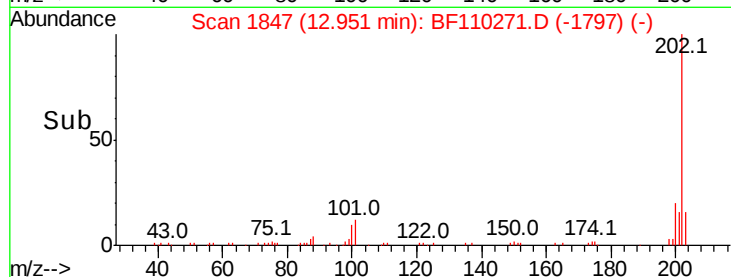
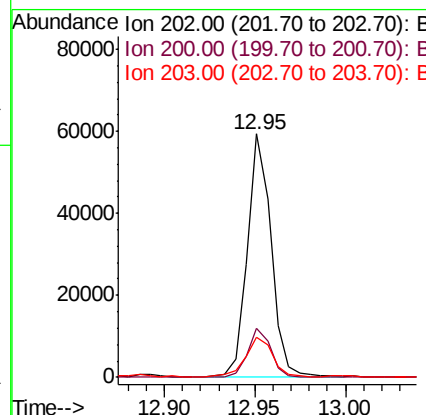
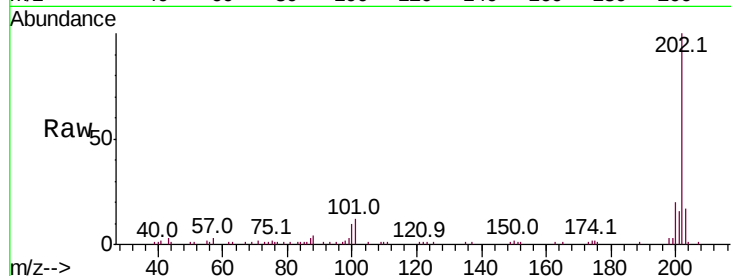
#78
Pvrene
Concen: 3.682 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.8	26.6
203	16.5	14.2	21.4

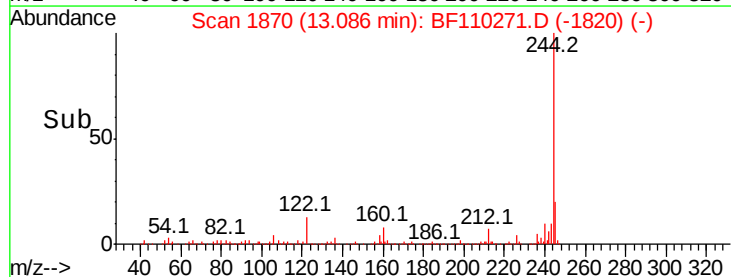
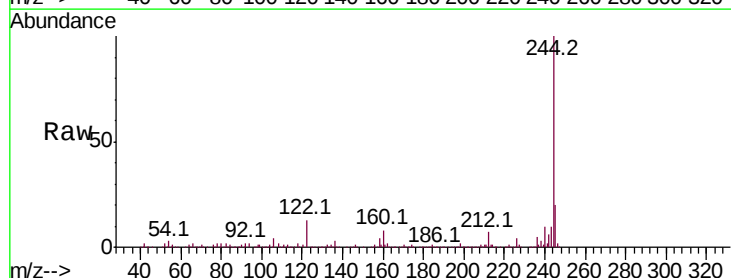
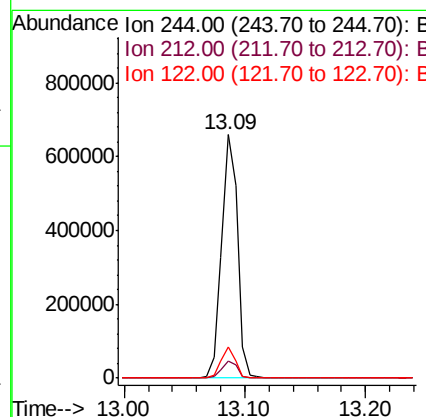
Manual Integrations
APPROVED

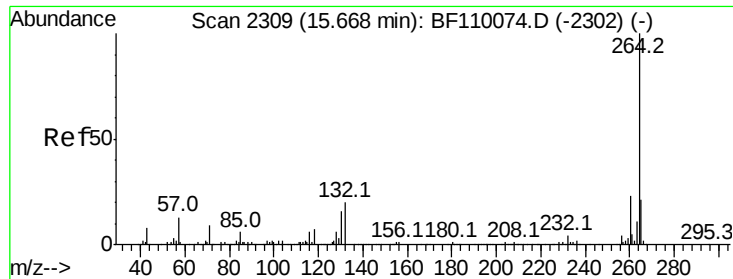
Sohil
10/30/2018 3:04:15 PM



#79
Terphenyl-d14
Concen: 59.517 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.9	8.7	13.1





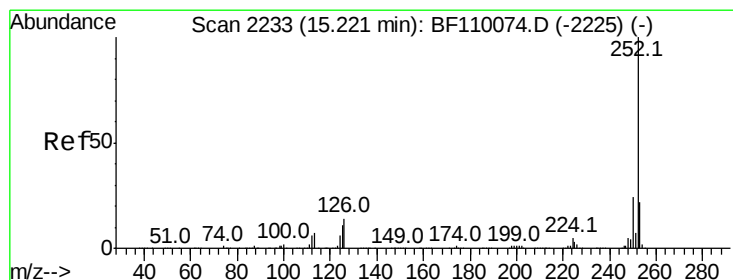
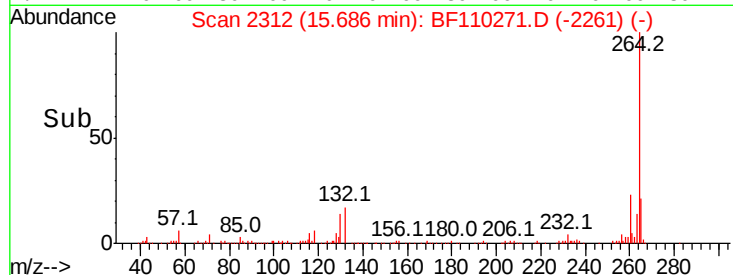
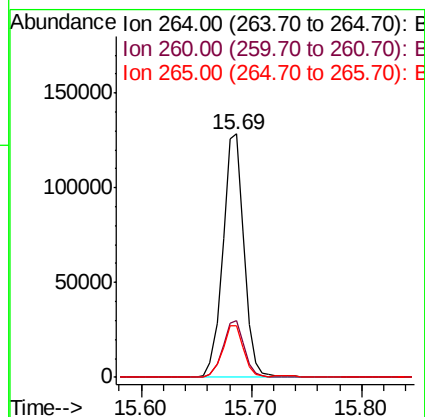
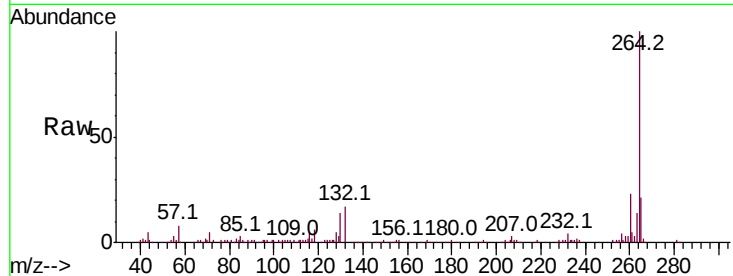
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.0	16.7	25.1

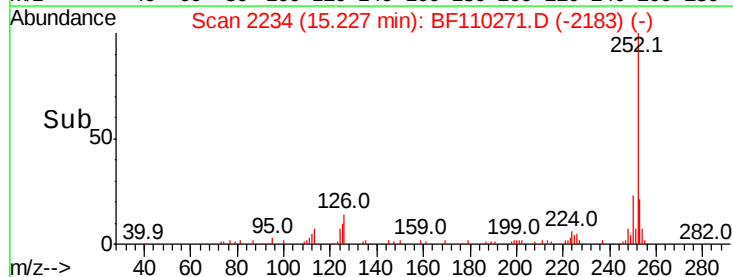
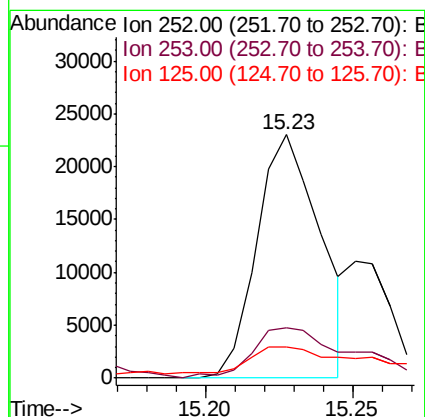
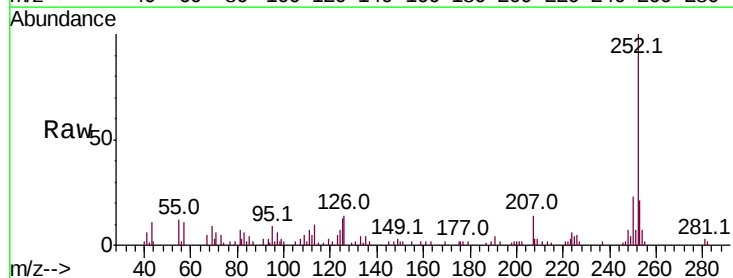
Manual Integrations
APPROVED

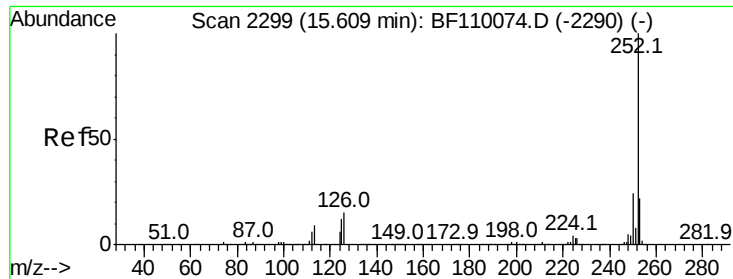
Sohil
10/30/2018 3:04:15 PM



#88
Benzo(b)fluoranthene
Concen: 3.484 ng m
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	12.9	8.2	12.4#





#90
Benzo(a)pyrene
Concen: 2.101 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BF110271.D
Acq: 29 Oct 2018 19:31

Instrument :
BNA_F
ClientSampleId :
CHRT-58-66-98-92

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.2	27.4
125	13.2	9.0	13.6

Manual Integrations
APPROVED

Sohil
10/30/2018 3:04:15 PM

