

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110566.D
 Acq On : 7 Nov 2018 20:08
 Operator : JU/SJ
 Sample : J5813-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-F

Manual Integrations
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Quant Time: Nov 09 10:41:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69467	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	269233	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	113004	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	192065	20.00	ng	0.00
76) Chrysene-d12	14.14	240	170515	20.00	ng	0.00
87) Perylene-d12	15.66	264	125604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	379483	88.96	ng	0.00
7) Phenol-d6	6.57	99	480112	87.99	ng	0.00
23) Nitrobenzene-d5	7.52	82	293414	64.64	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	93143	83.21	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	510826	70.98	ng	-0.01
79) Terphenyl-d14	13.07	244	424010	51.71	ng	0.00
Target Compounds						
10) Phenol	6.59	94	30967	5.309	ng	Qvalue # 68
50) Dimethylphthalate	9.70	163	70043	8.397	ng	99
71) Phenanthrene	11.51	178	25563	2.544	ng	98
75) Fluoranthene	12.70	202	61822	6.061	ng	99
78) Pyrene	12.94	202	48416	3.961	ng	96
83) Chrysene	14.16	228	25198	2.624	ng	95
88) Benzo(b)fluoranthene	15.21	252	27175m	3.747	ng	
90) Benzo(a)pyrene	15.60	252	16024	2.401	ng	# 91

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

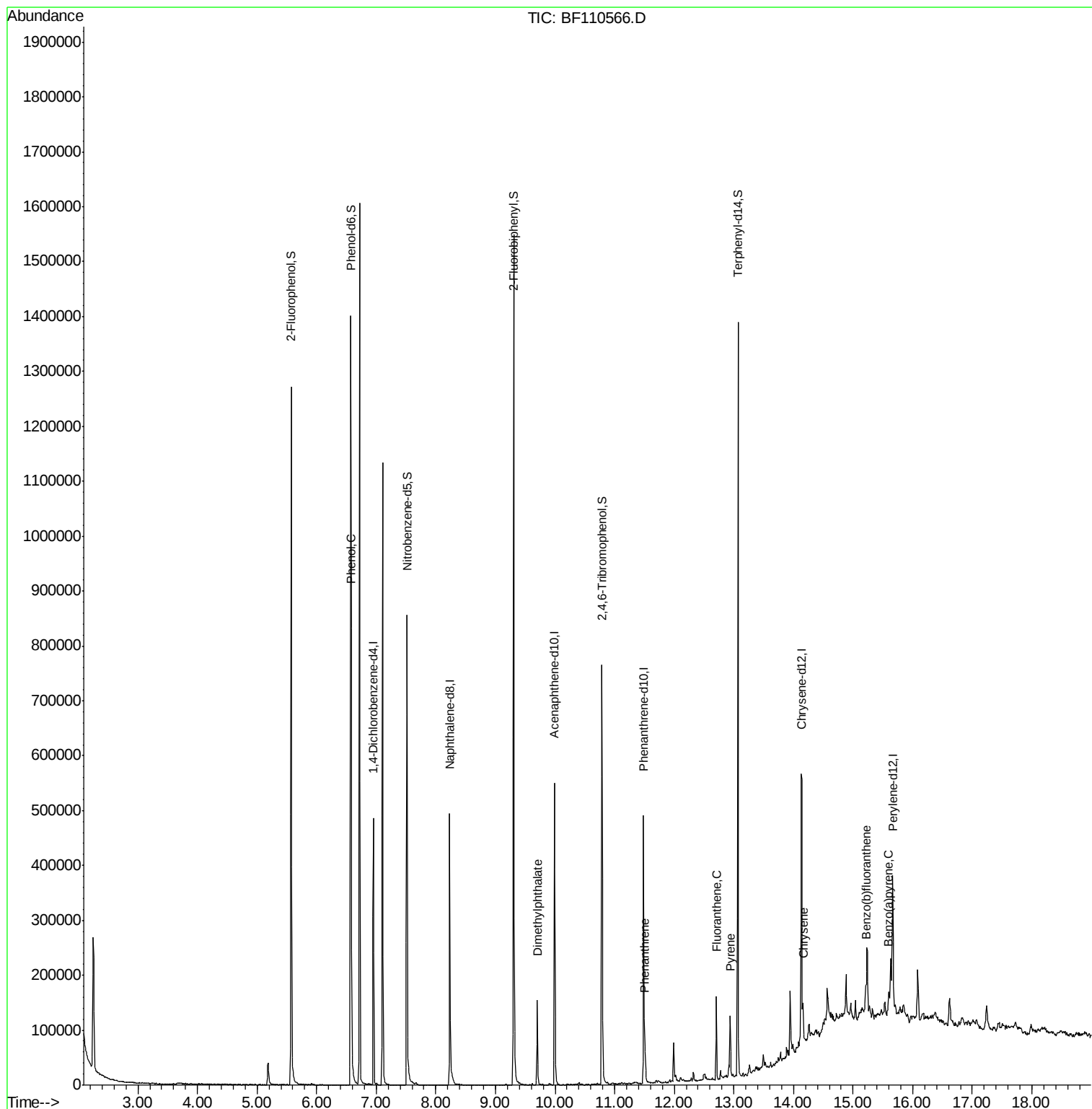
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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#1

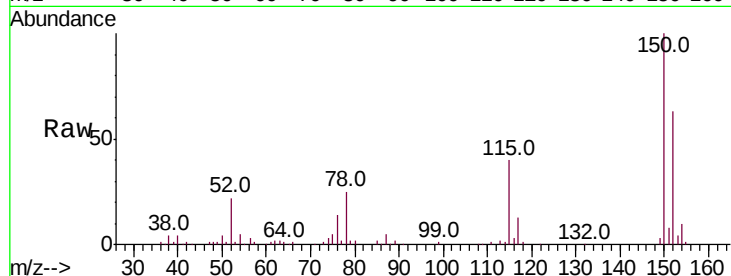
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Instrument :
BNA_F
ClientSampleId :
TS-F

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	62.9	49.1	73.7

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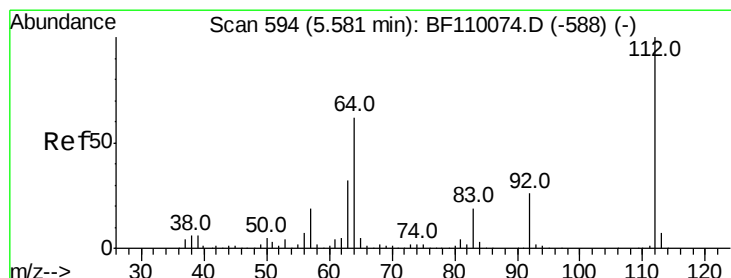
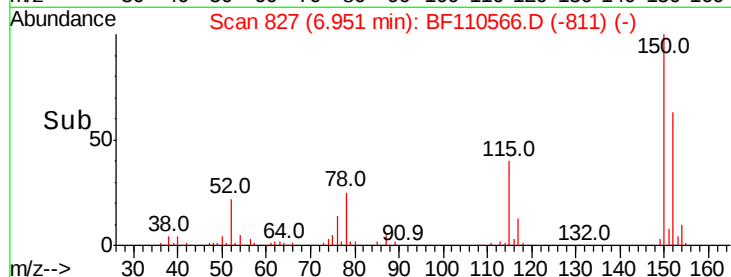
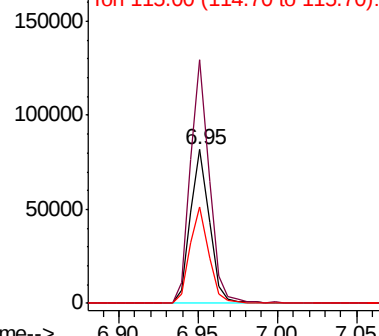


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

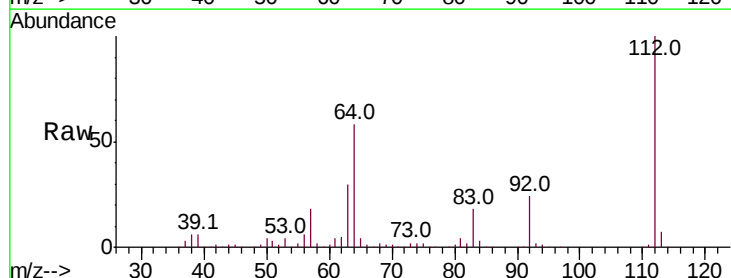
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 88.959 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	30.3	23.7	35.5

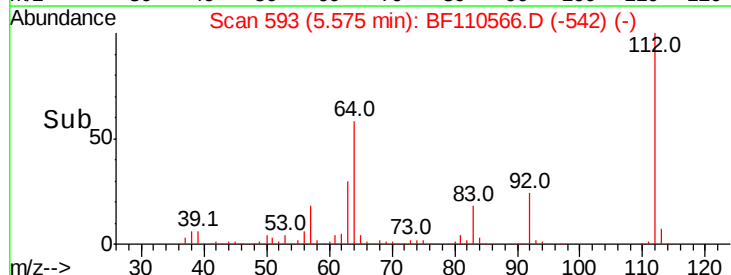
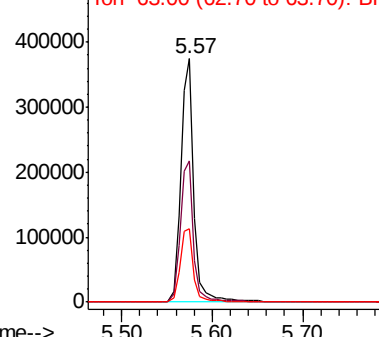


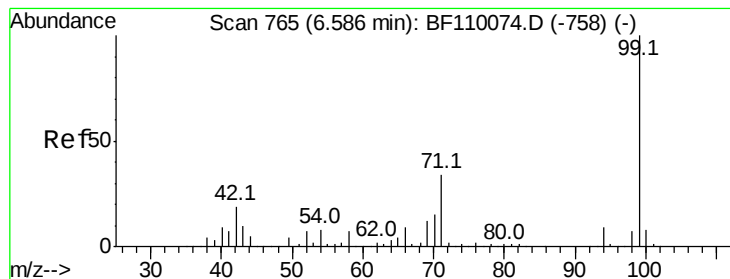
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 87.992 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110566.D

Acq: 7 Nov 2018 20:08

Instrument :

BNA_F

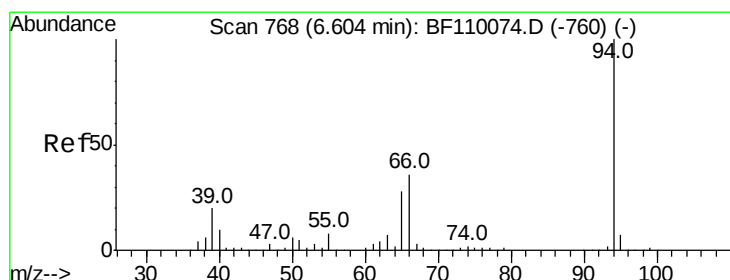
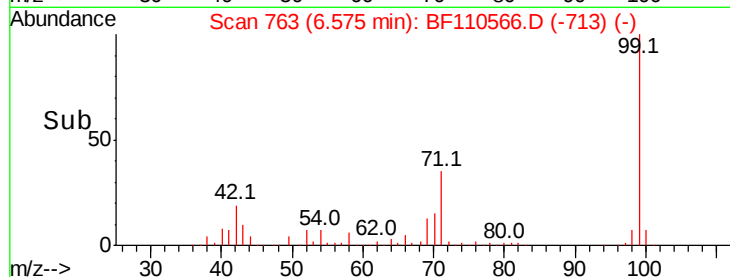
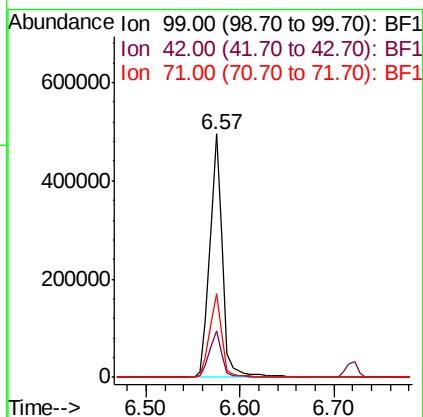
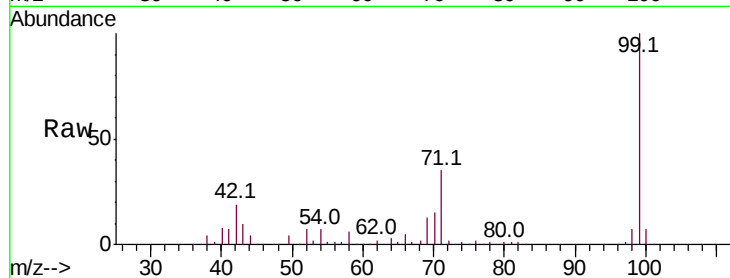
ClientSampled :

TS-F

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		480112		
42	19.3	15.8	23.6		
71	34.6	28.0	42.0		

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#10

Phenol

Concen: 5.309 ng

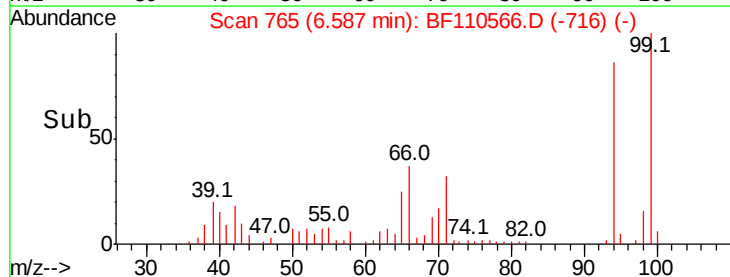
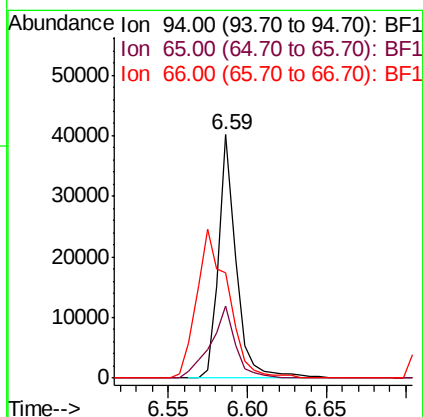
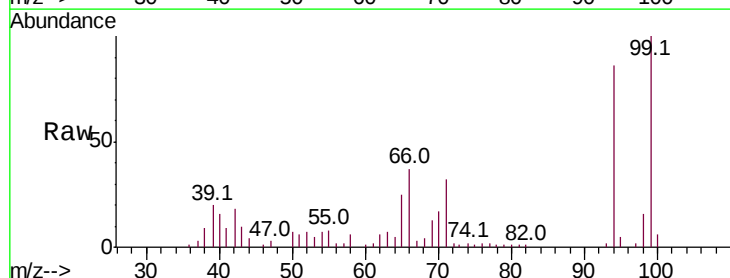
RT: 6.59 min Scan# 765

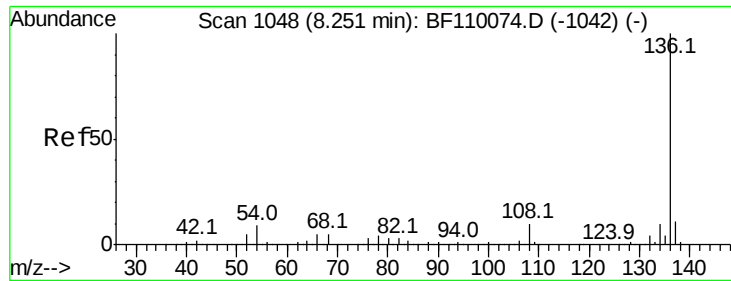
Delta R.T. -0.01 min

Lab File: BF110566.D

Acq: 7 Nov 2018 20:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		30967		
65	29.6	25.3	65.3		
66	43.4	54.5	94.5#		





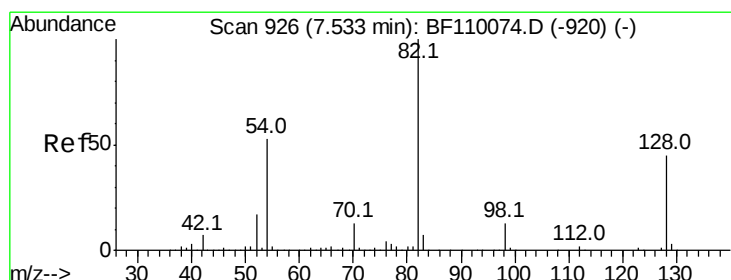
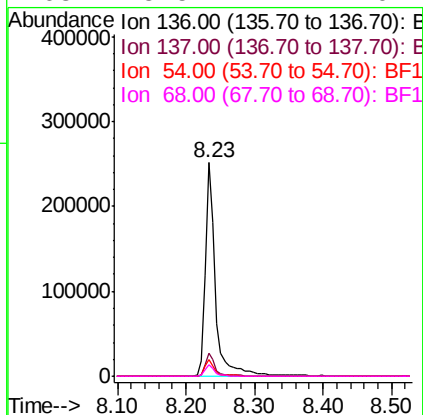
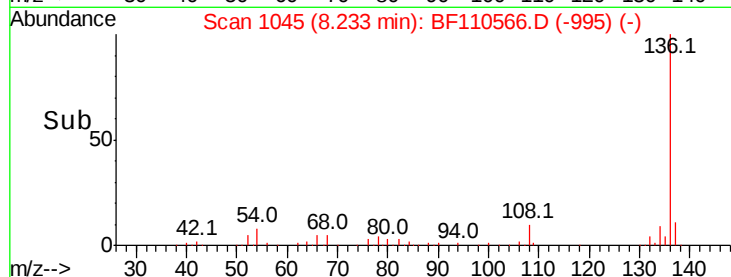
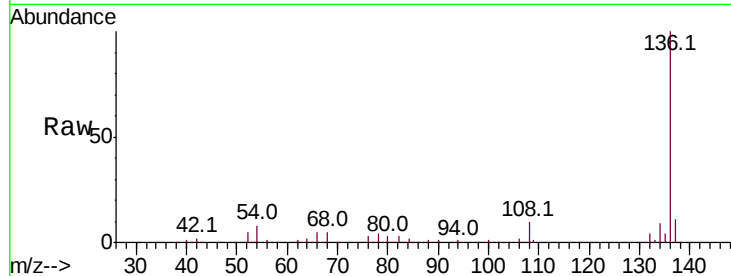
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Instrument :
BNA_F
ClientSampleId :
TS-F

Tot Ion	Ratio	Resp	Lower	Upper
136	100	269233		
137	10.6		8.8	13.2
54	8.0		5.4	8.2
68	5.5		4.2	6.2

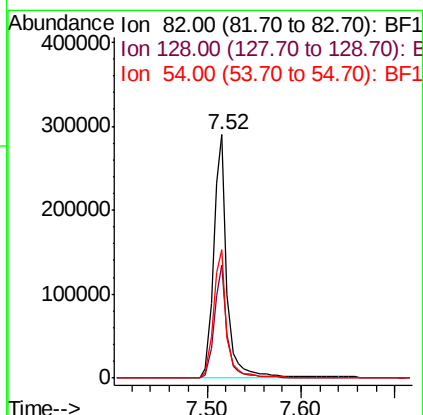
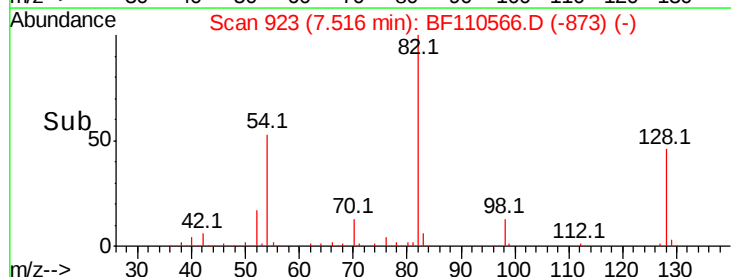
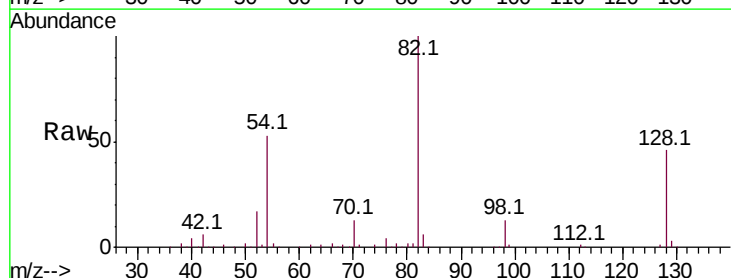
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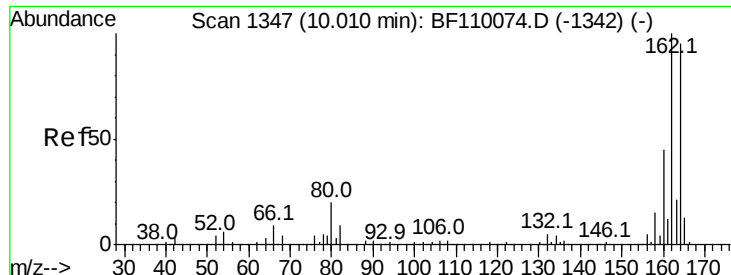
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#23
Nitrobenzene-d5
Concen: 64.640 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	293414		
128	46.5		34.2	51.2
54	52.5		38.6	58.0





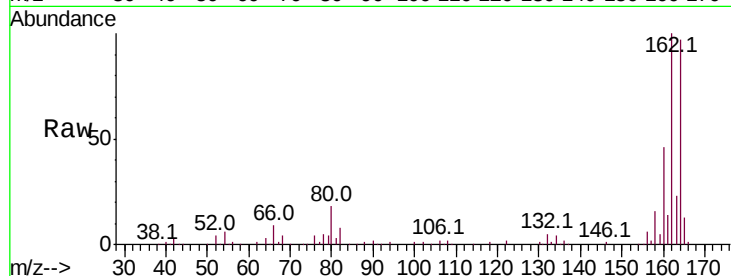
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Instrument :
BNA_F
ClientSampleId :
TS-F

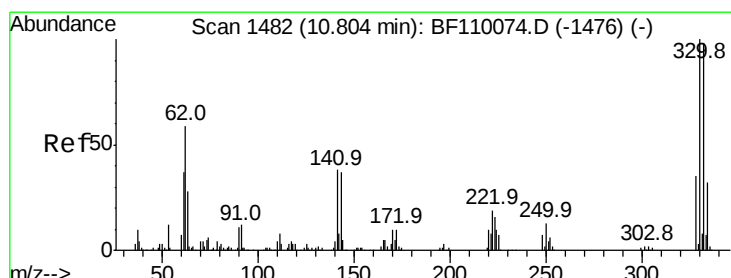
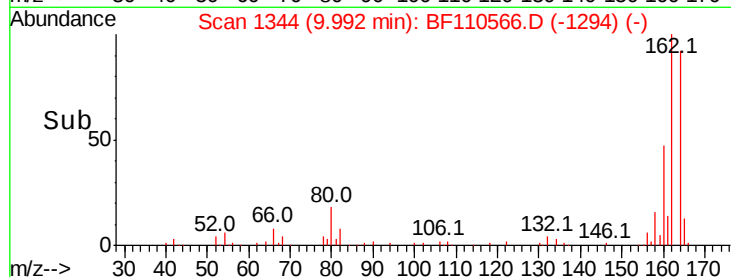
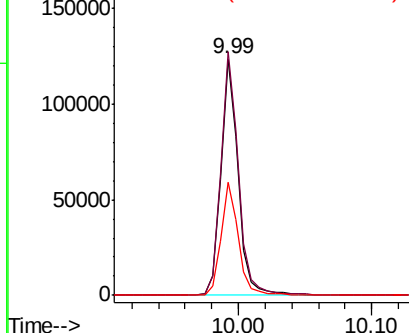
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	47.7	37.0	55.6

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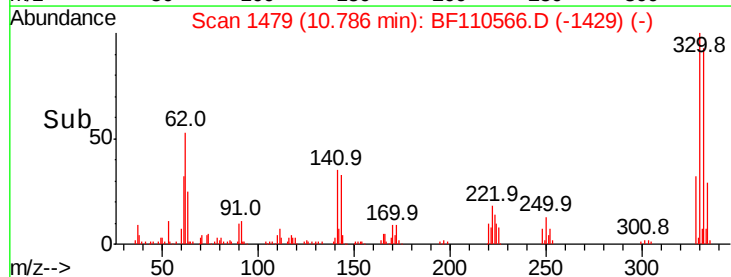
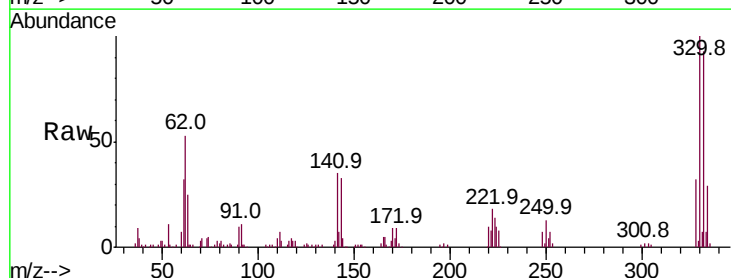
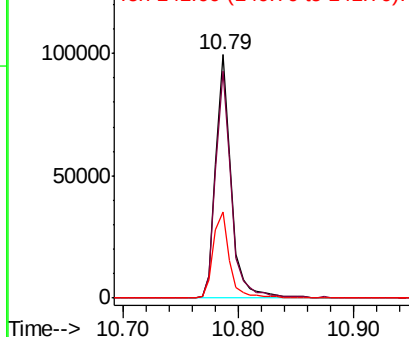
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 83.209 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.1	115.7
141	37.3	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





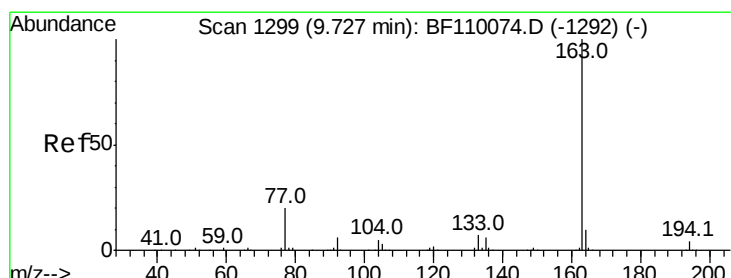
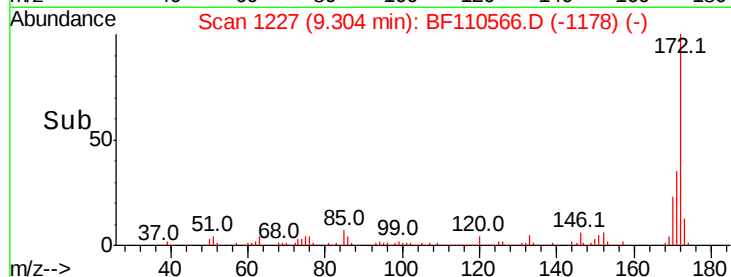
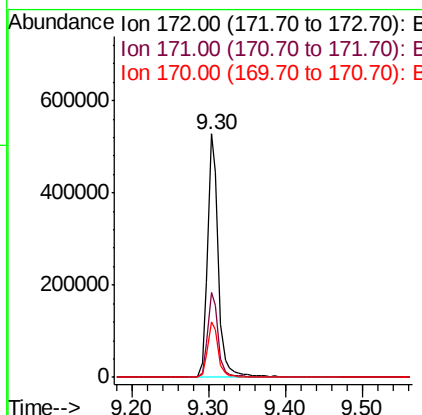
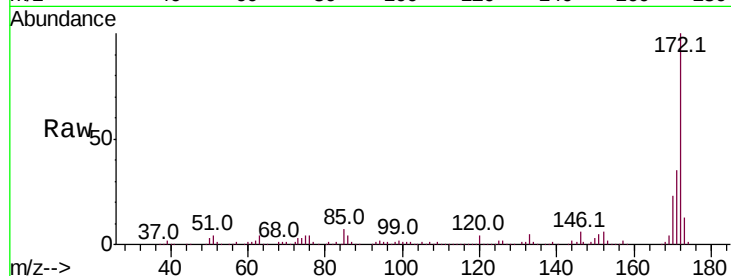
#45
2-Fluorobiphenyl
Concen: 70.982 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Instrument :
BNA_F
ClientSampleId :
TS-F

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.1	28.6	43.0	
170	23.0	19.7	29.5	

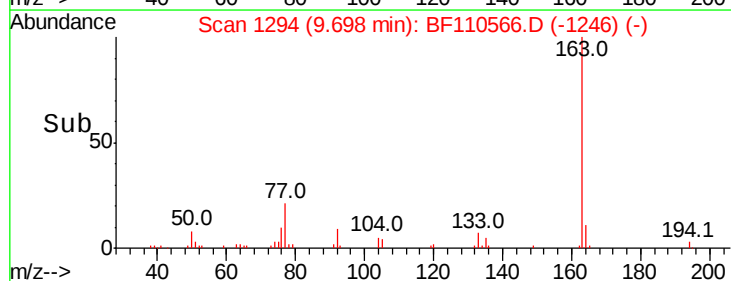
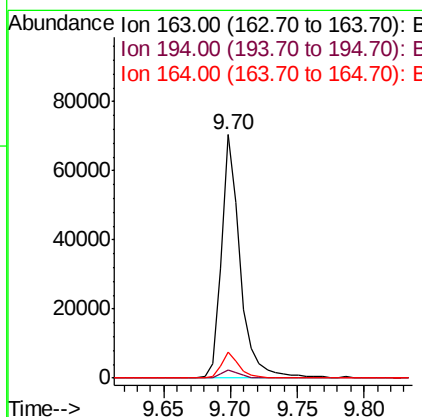
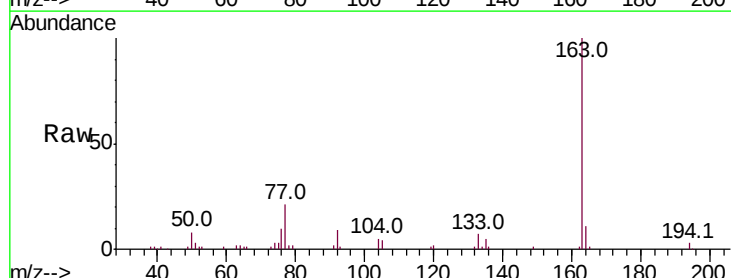
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#50
Dimethylphthalate
Concen: 8.397 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	3.2	4.8	
164	10.5	8.1	12.1	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110566.D

Acq: 7 Nov 2018 20:08

Instrument :

BNA_F

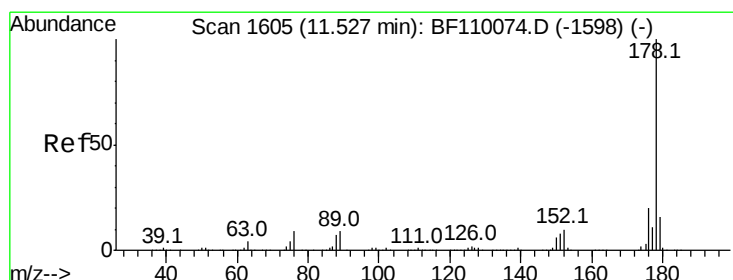
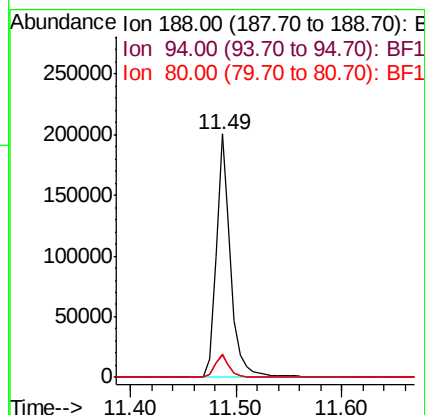
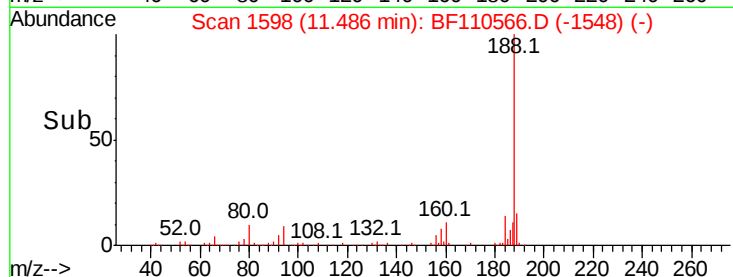
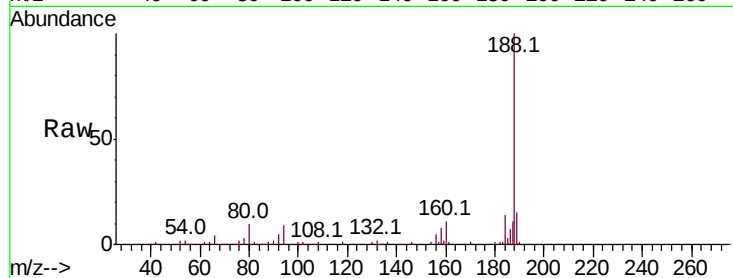
ClientSampleID :

TS-F

Tot Ion:188	Resp:	192065
Ion Ratio	Lower	Upper
188 100		
94 8.9	7.2	10.8
80 9.5	7.9	11.9

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#71

Phenanthrene

Concen: 2.544 ng

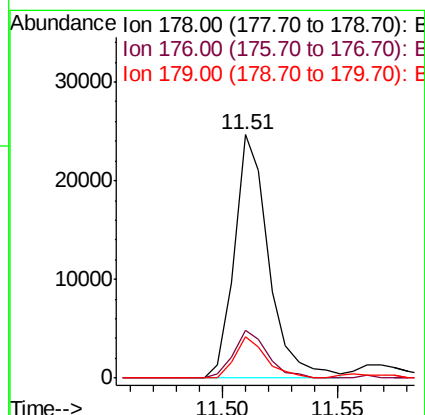
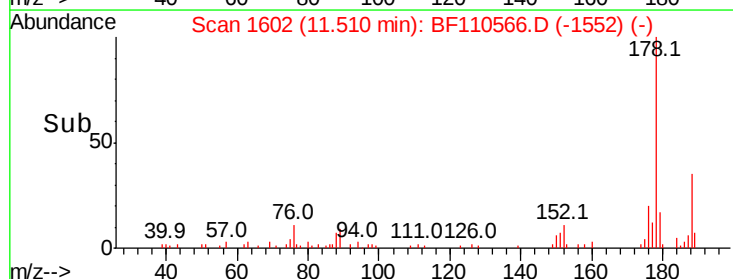
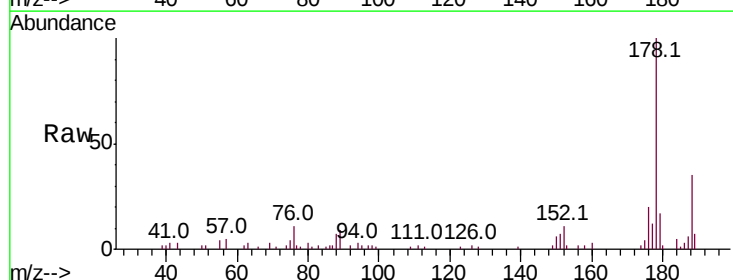
RT: 11.51 min Scan# 1602

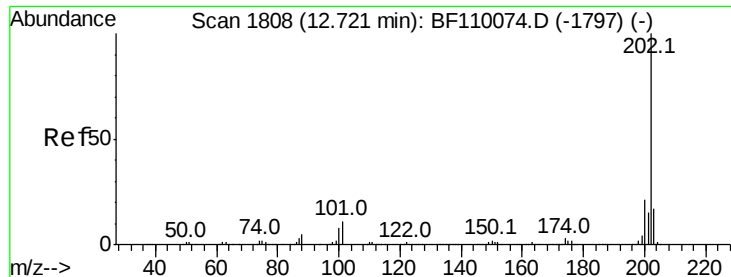
Delta R.T. -0.01 min

Lab File: BF110566.D

Acq: 7 Nov 2018 20:08

Tgt Ion:178	Resp:	25563
Ion Ratio	Lower	Upper
178 100		
176 19.6	15.5	23.3
179 17.0	12.5	18.7





#75

Fluoranthene

Concen: 6.061 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110566.D

Acq: 7 Nov 2018 20:08

Instrument :

BNA_F

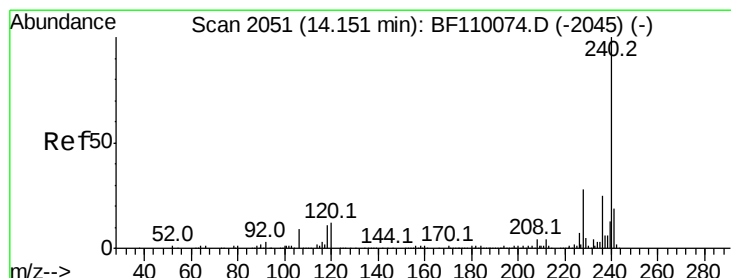
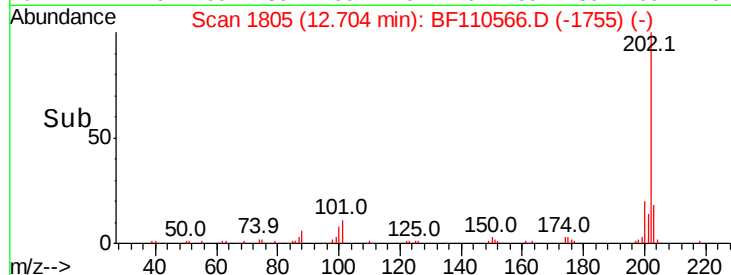
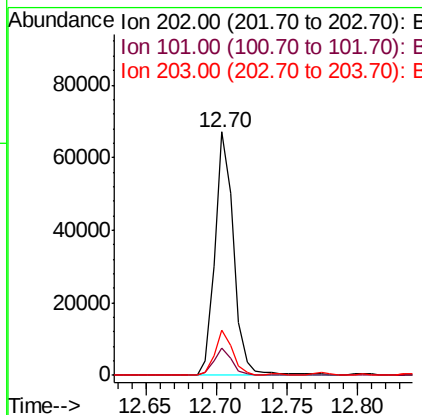
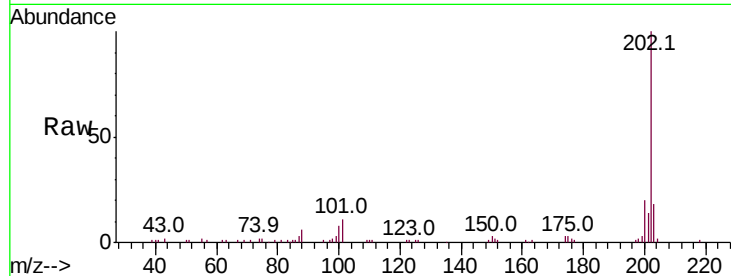
ClientSampled :

TS-F

Tot Ion:	202	Resp:	61822
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	31.4
203	18.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

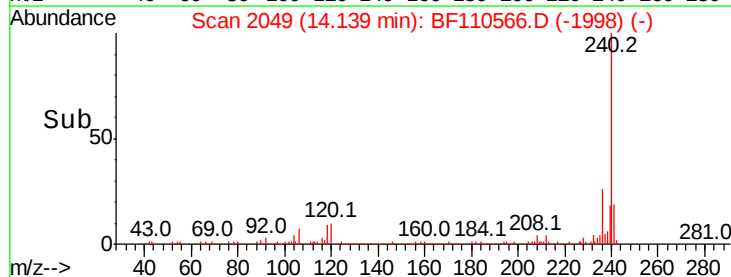
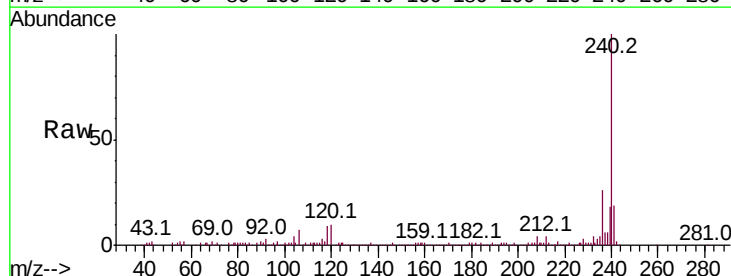
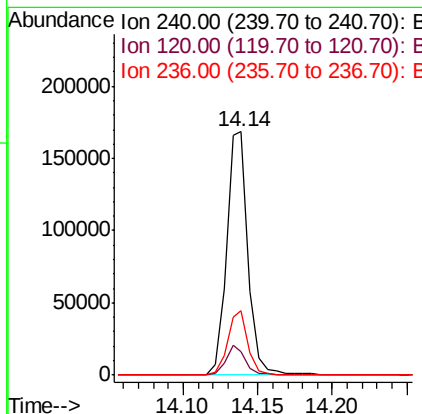
RT: 14.14 min Scan# 2049

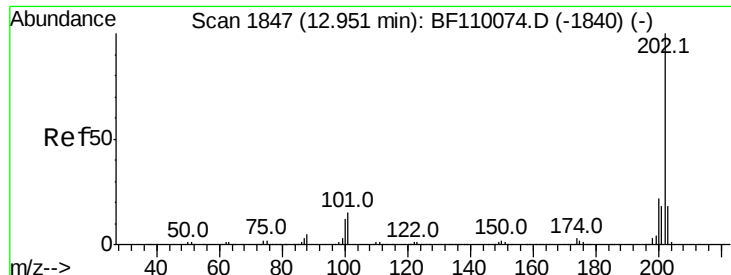
Delta R.T. 0.00 min

Lab File: BF110566.D

Acq: 7 Nov 2018 20:08

Tgt Ion:	240	Resp:	170515
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.3	12.5
236	26.4	21.2	31.8





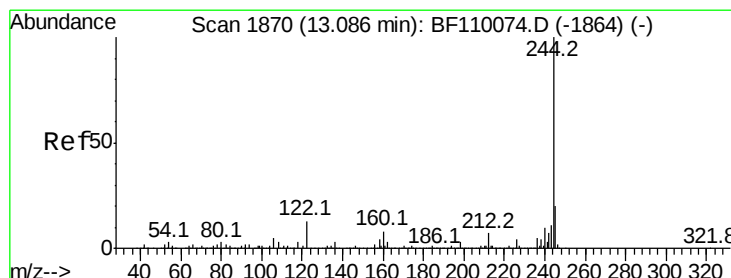
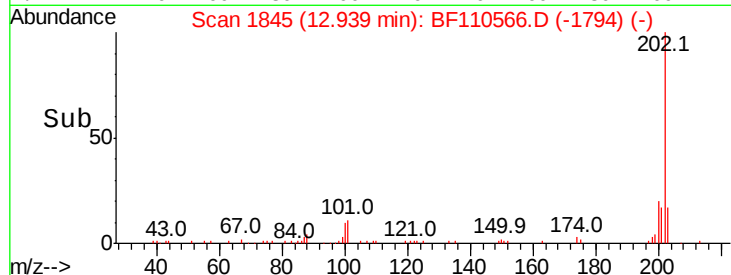
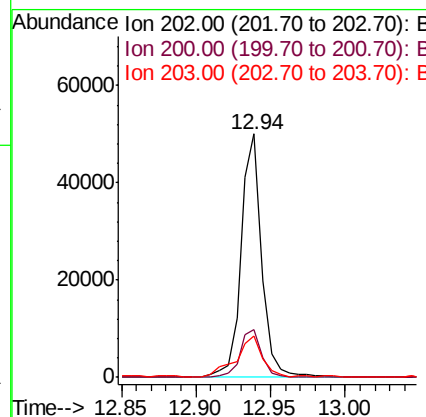
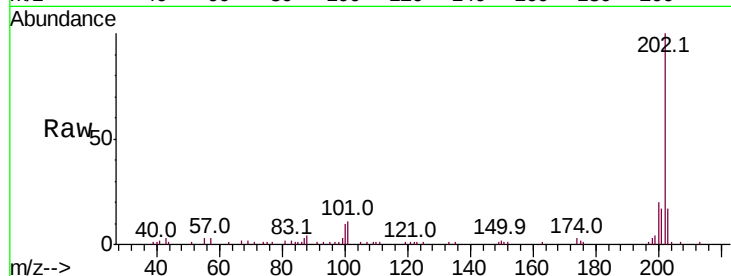
#78
Pvrene
Concen: 3.961 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Instrument :
BNA_F
ClientSampleId :
TS-F

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.6
203	17.0	14.2	21.4

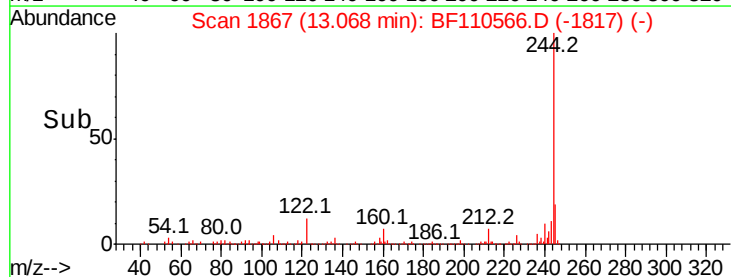
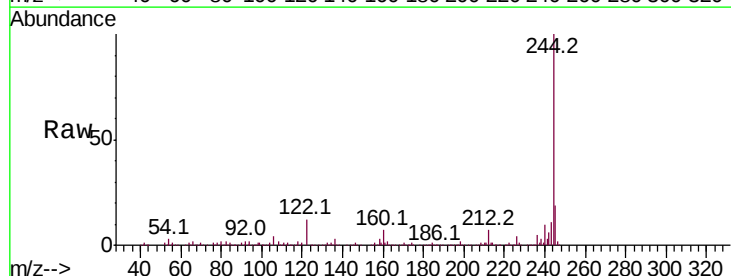
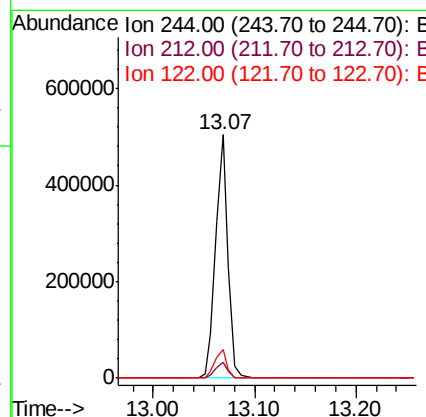
Manual Integrations
APPROVED

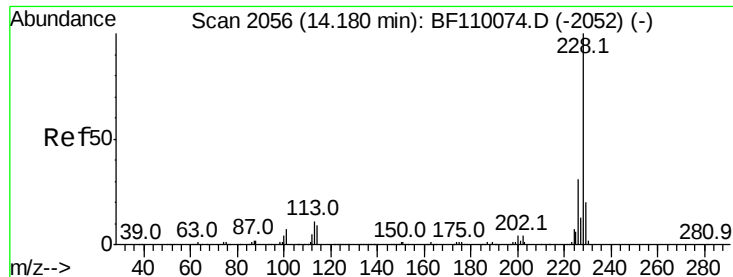
Sohil
11/9/2018 1:35:16 PM



#79
Terphenyl-d14
Concen: 51.715 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	8.7	13.1





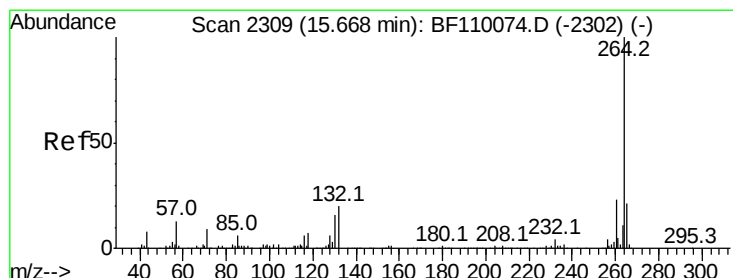
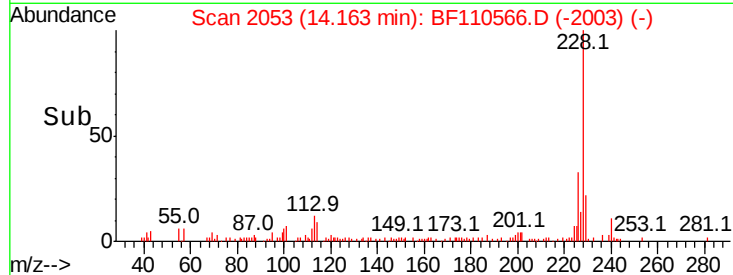
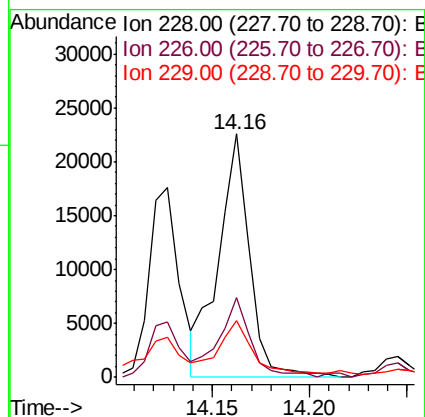
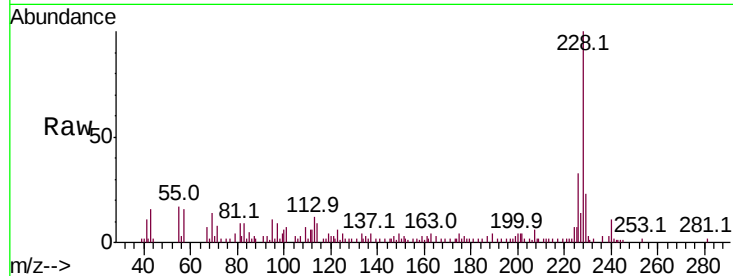
#83
Chrysene
Concen: 2.624 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Instrument :
BNA_F
ClientSampleId :
TS-F

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.7	37.1
229	23.5	15.9	23.9

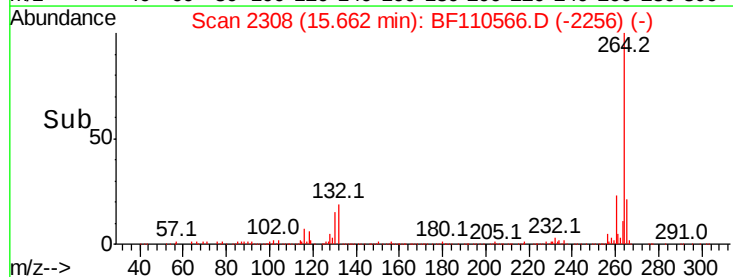
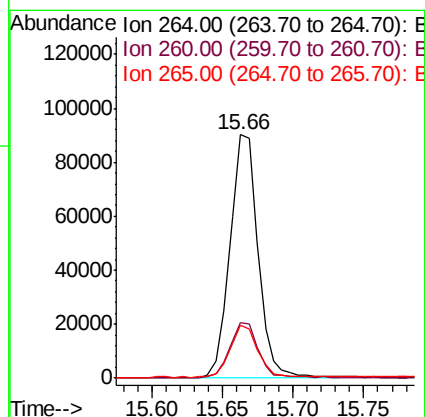
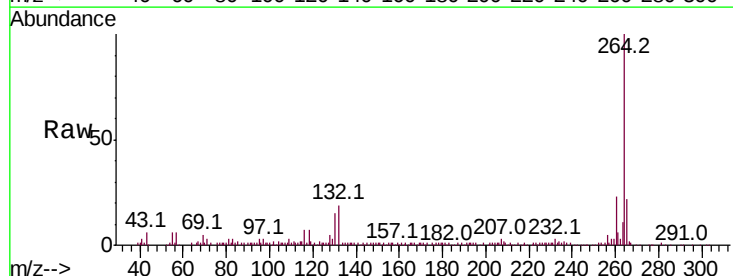
Manual Integrations
APPROVED

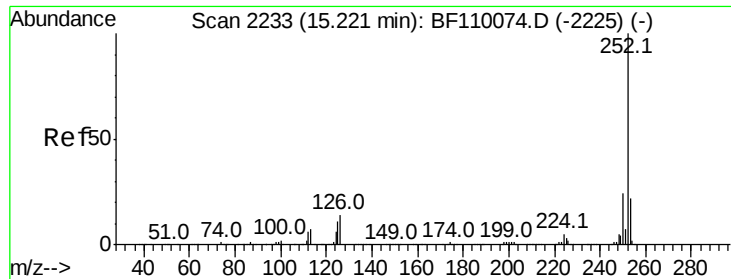
Sohil
11/9/2018 1:35:16 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.7	28.1
265	21.7	16.7	25.1





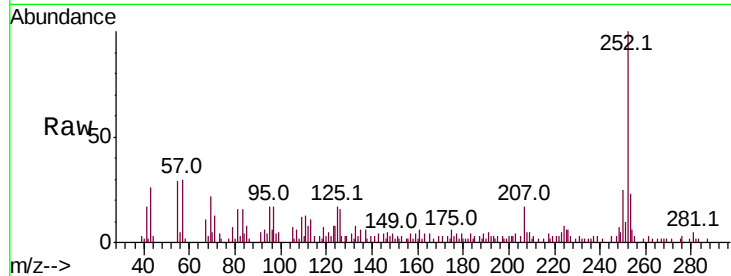
#88
Benzo(b)fluoranthene
Concen: 3.747 ng m
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Instrument :
BNA_F
ClientSampled :
TS-F

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	16.7	8.2	12.4

Manual Integrations
APPROVED

Sohil
11/9/2018 1:35:16 PM

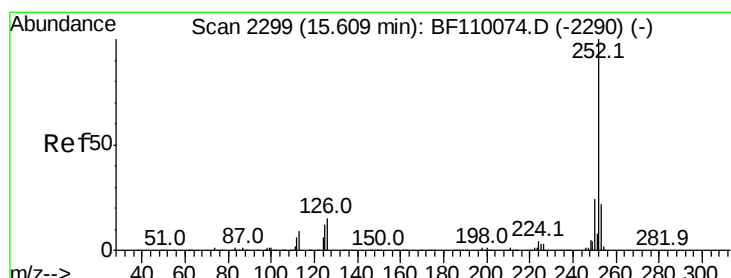
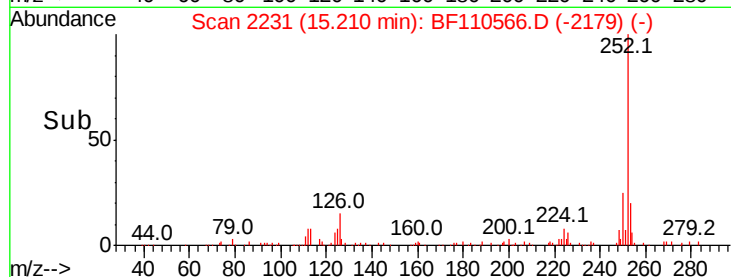
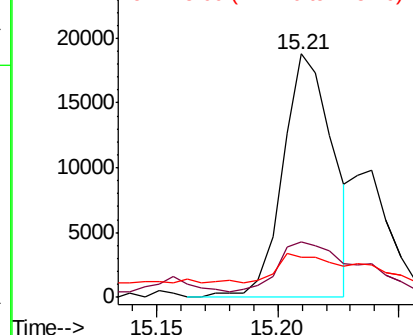


Abundance

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: 2.401 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110566.D
Acq: 7 Nov 2018 20:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	17.1	9.0	13.6

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

