

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
 Data File : BF110569.D
 Acq On : 7 Nov 2018 21:28
 Operator : JU/SJ
 Sample : J5813-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-J

Manual Integrations
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 11/9/2018 1:35:19 PM

Quant Time: Nov 09 10:48:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 10:28:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	64209	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	224808	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	85246	20.00	ng	-0.01
64) Phenanthrene-d10	11.49	188	153430	20.00	ng	0.00
76) Chrysene-d12	14.14	240	156994	20.00	ng	0.00
87) Perylene-d12	15.67	264	103822	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	345038	87.51	ng	0.00
7) Phenol-d6	6.57	99	410717	81.44	ng	-0.01
23) Nitrobenzene-d5	7.52	82	245249	64.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.79	330	70615	83.63	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	390248	71.88	ng	-0.01
79) Terphenyl-d14	13.07	244	362830	48.06	ng	-0.01
Target Compounds						
10) Phenol	6.59	94	24851	4.610	ng	Qvalue # 69
50) Dimethylphthalate	9.70	163	52200	8.295	ng	100
71) Phenanthrene	11.51	178	24513	3.053	ng	97
75) Fluoranthene	12.70	202	62154	7.628	ng	98
78) Pyrene	12.94	202	51142	4.544	ng	97
81) Benzo(a)anthracene	14.13	228	22379	2.404	ng	97
83) Chrysene	14.16	228	25697	2.906	ng	97
88) Benzo(b)fluoranthene	15.22	252	27585m	4.601	ng	
90) Benzo(a)pyrene	15.60	252	14383	2.607	ng	# 87
92) Benzo(g,h,i)perylene	17.73	276	10433	2.224	ng	# 93

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

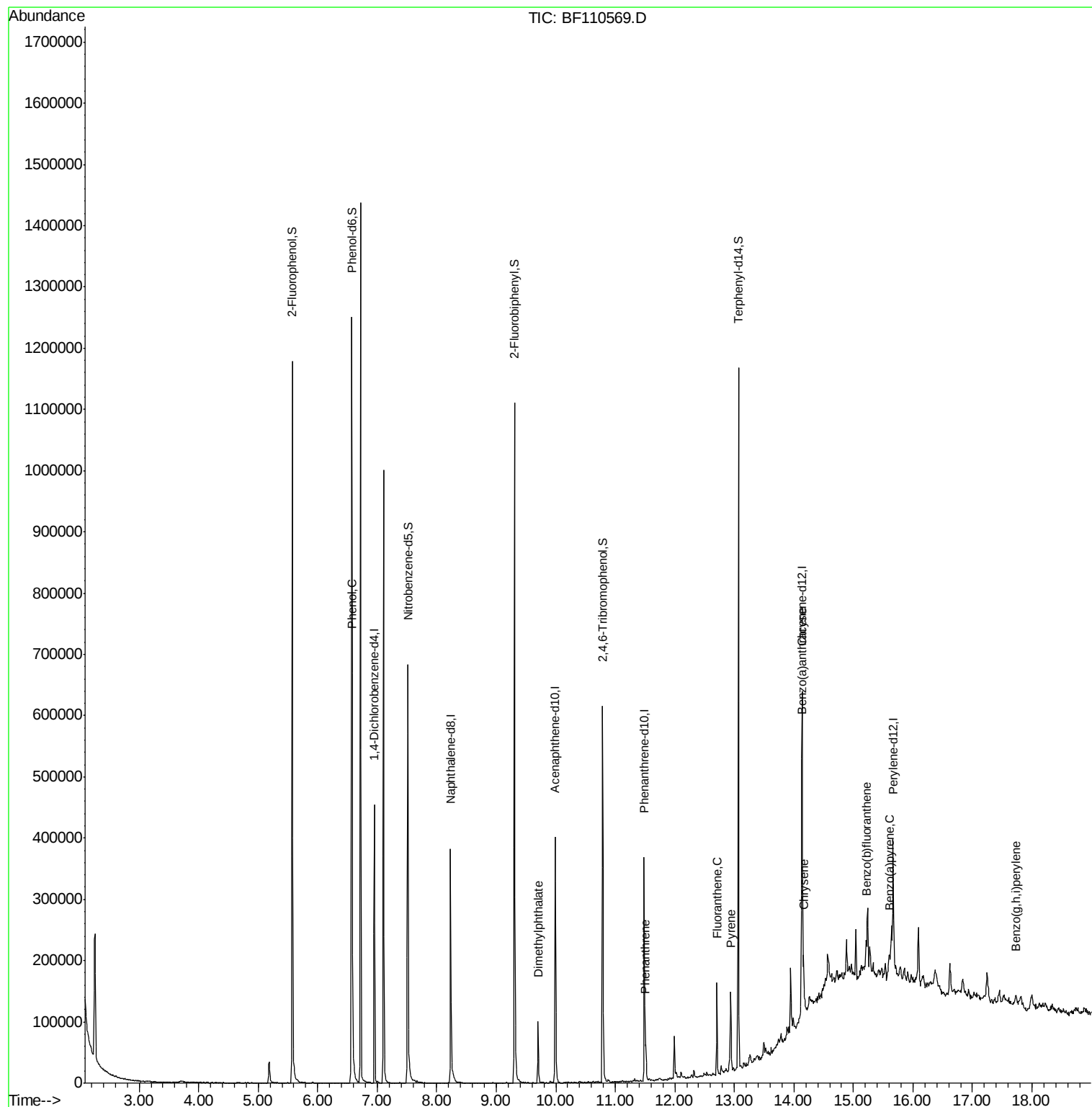
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110718\
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#1

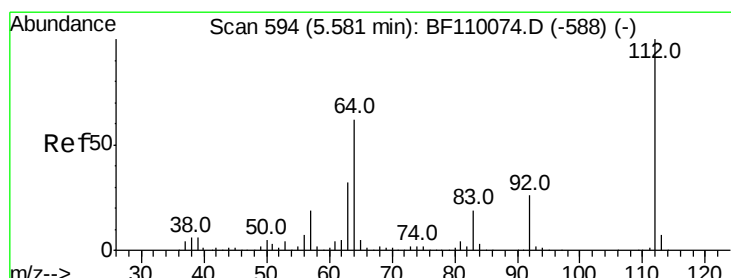
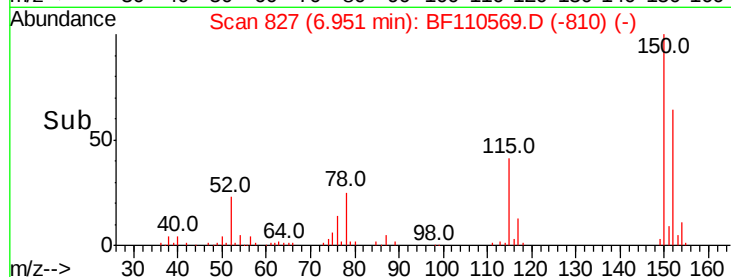
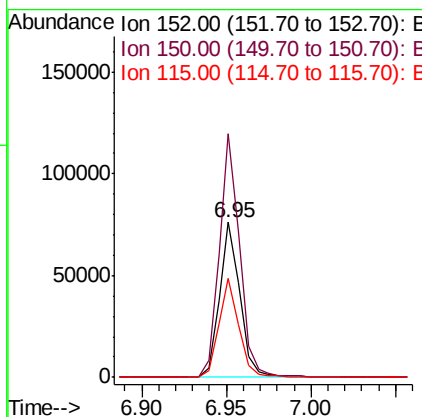
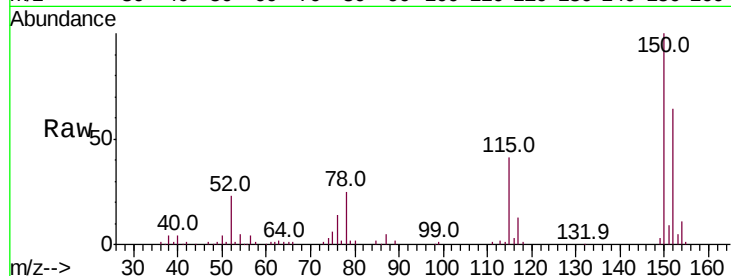
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampled :
TS-J

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.7	184.1
115	64.0	49.1	73.7

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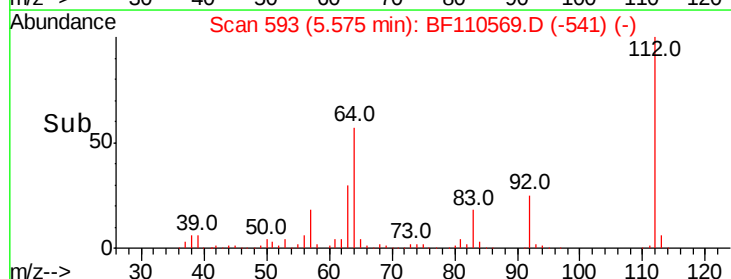
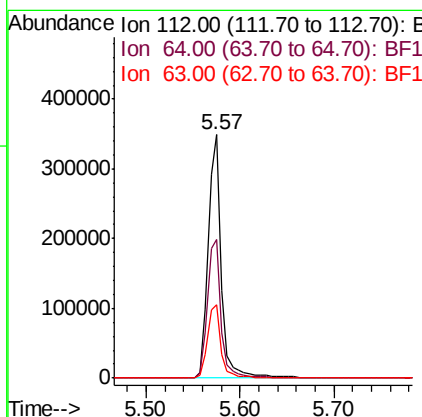
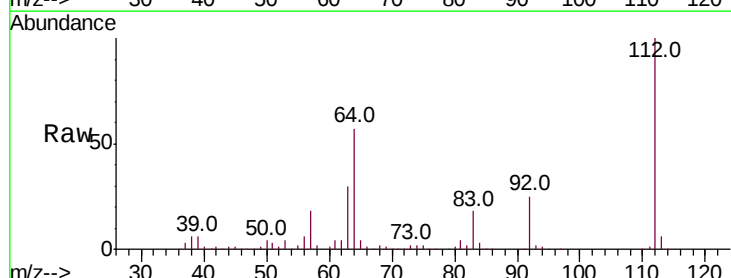
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#5

2-Fluorophenol
Concen: 87.508 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	44.1	66.1
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 81.438 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110569.D

Acq: 7 Nov 2018 21:28

Instrument :

BNA_F

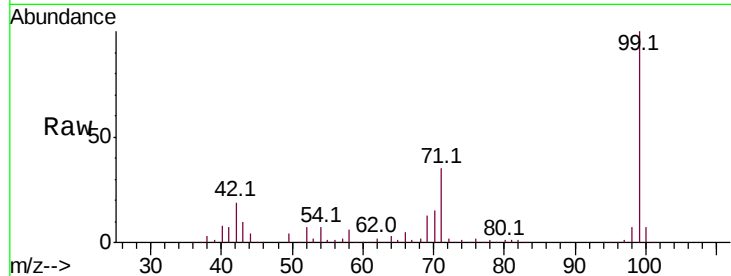
ClientSampled :

TS-J

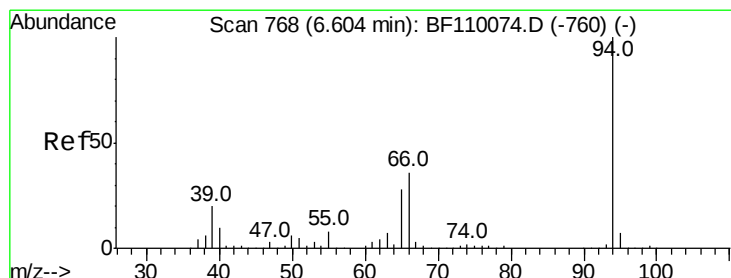
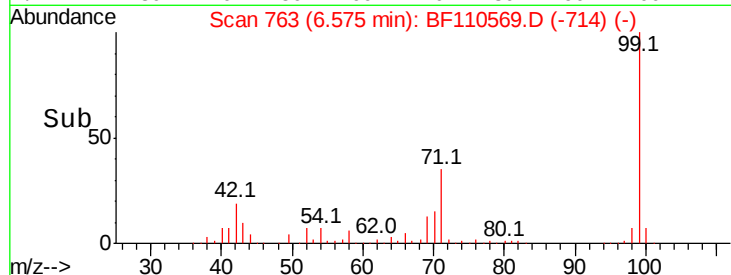
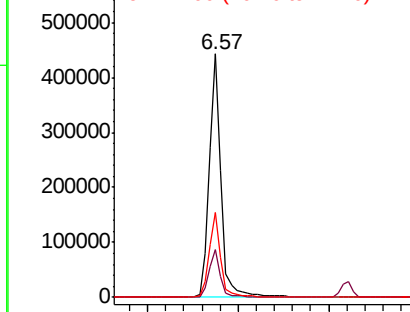
Tot Ion:	99	Resp:	410717
Ion Ratio	Lower	Upper	
99	100		
42	19.4	15.8	23.6
71	35.0	28.0	42.0

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.610 ng

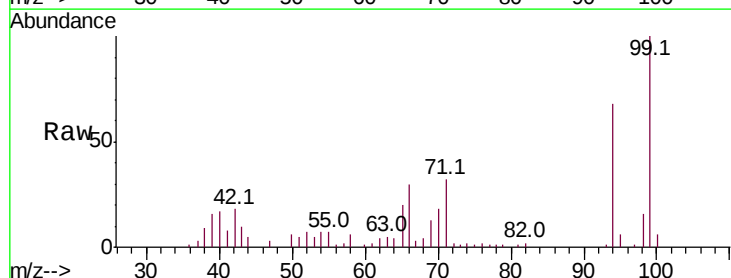
RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

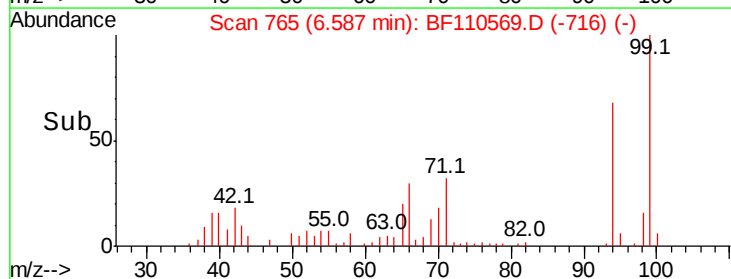
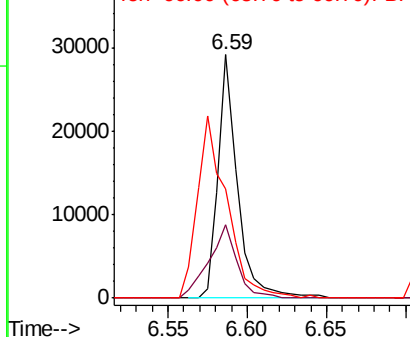
Lab File: BF110569.D

Acq: 7 Nov 2018 21:28

Tgt Ion:	94	Resp:	24851
Ion Ratio	Lower	Upper	
94	100		
65	30.1	25.3	65.3
66	44.7	54.5	94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





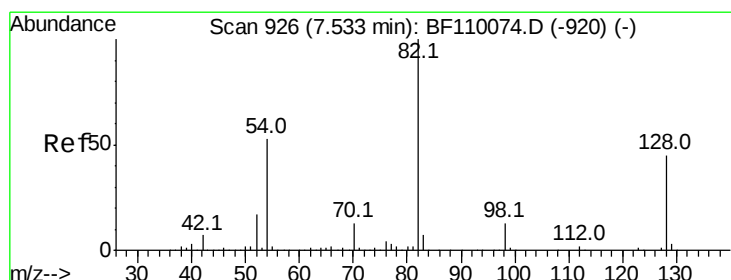
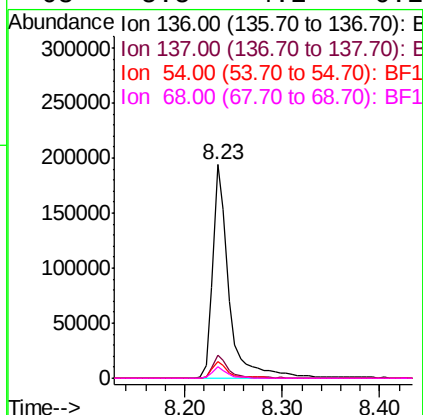
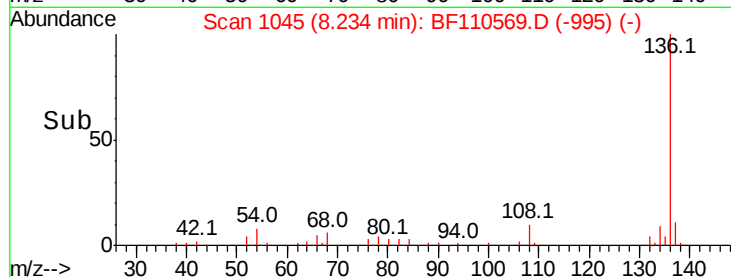
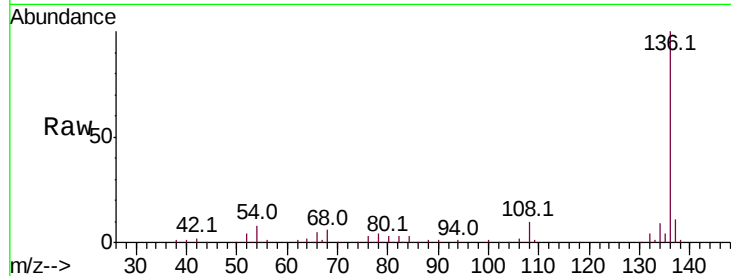
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TS-J

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	7.9	5.4	8.2	
68	5.5	4.2	6.2	

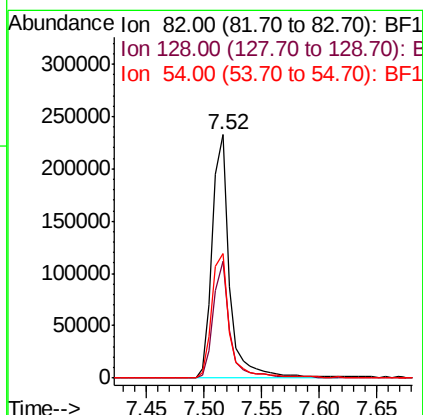
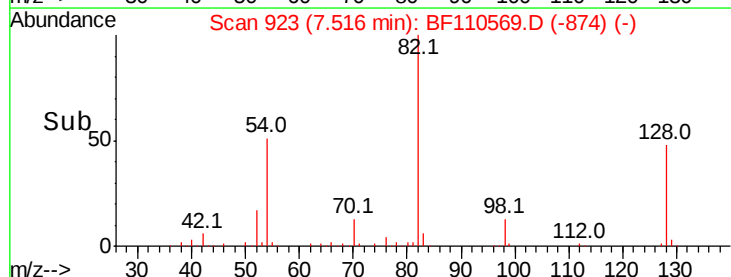
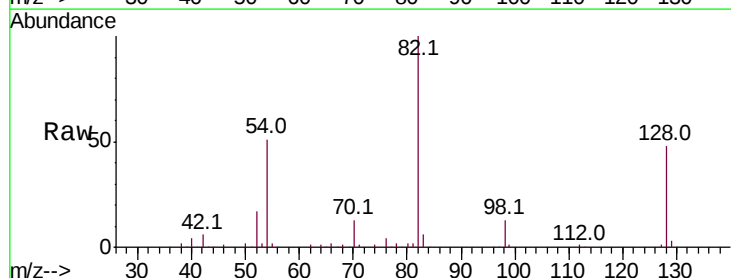
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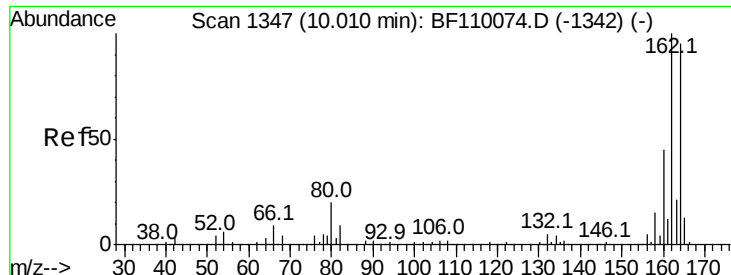
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#23
Nitrobenzene-d5
Concen: 64.706 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.9	34.2	51.2	
54	51.3	38.6	58.0	





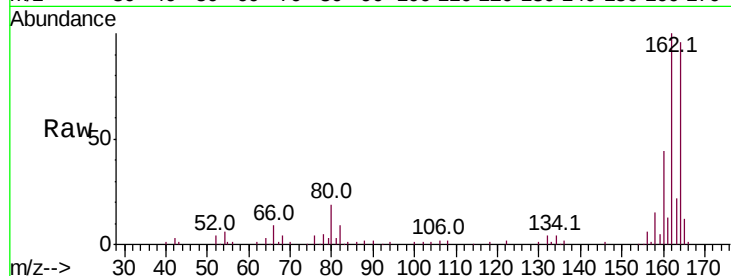
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TS-J

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	46.2	37.0	55.6

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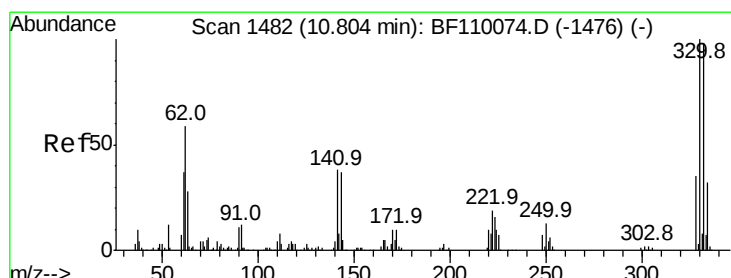
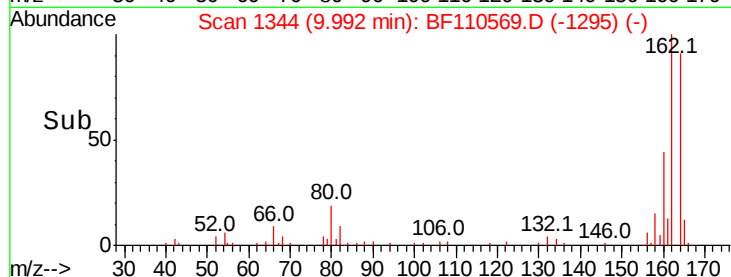
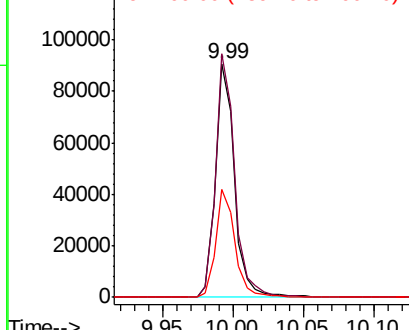


Abundance

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: 83.626 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

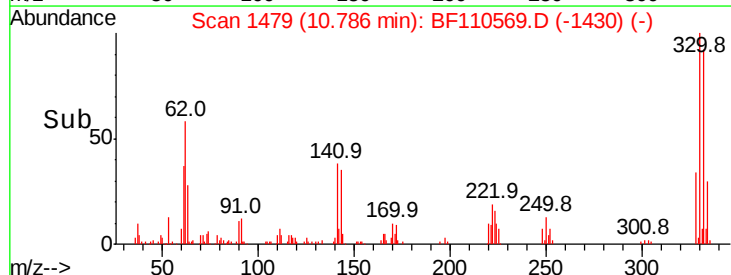
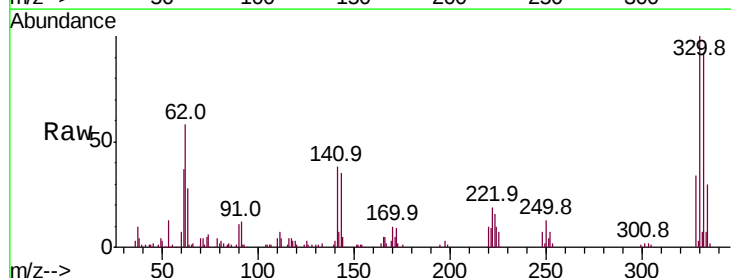
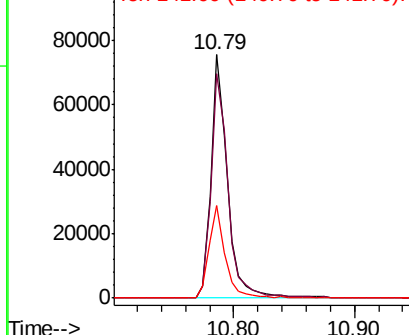
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	37.5	27.0	40.4

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





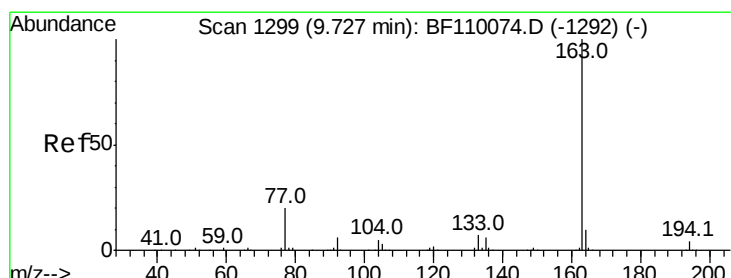
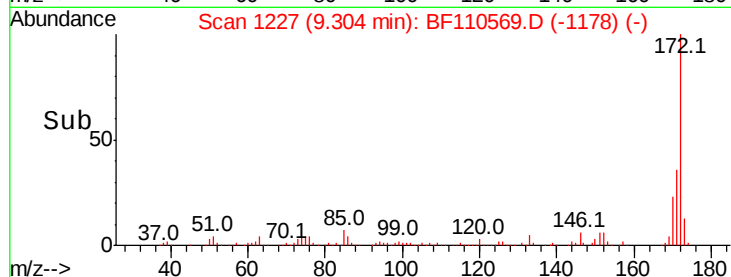
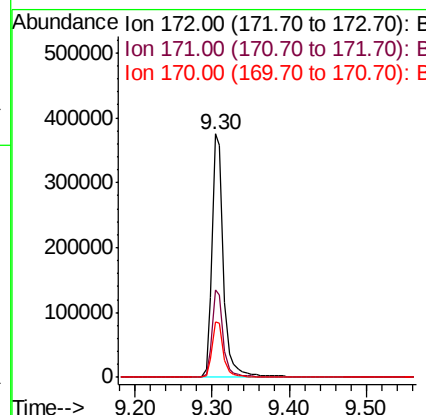
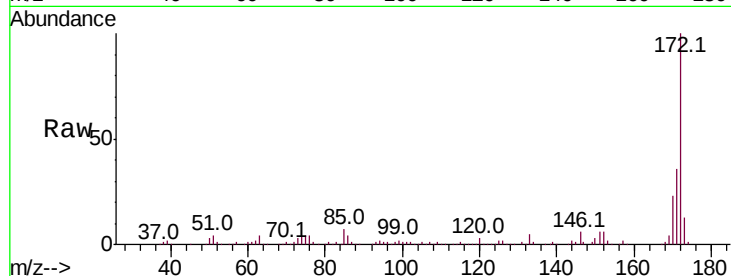
#45
2-Fluorobiphenyl
Concen: 71.885 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampled :
TS-J

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	28.6	43.0	
170	22.8	19.7	29.5	

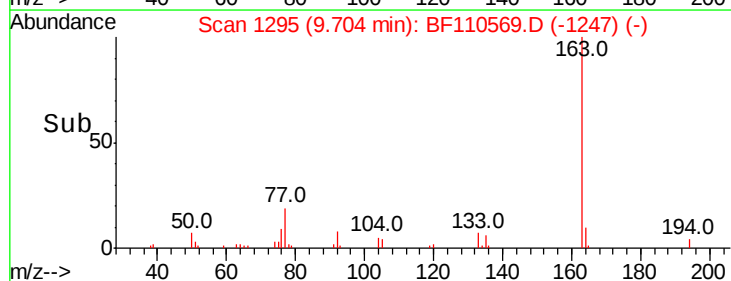
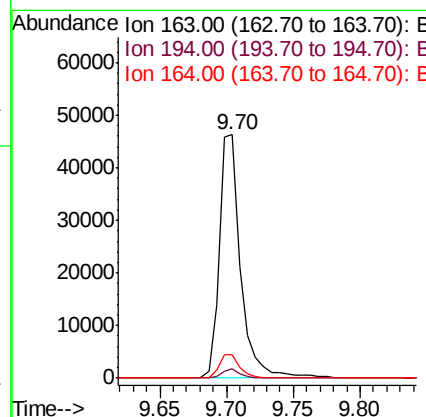
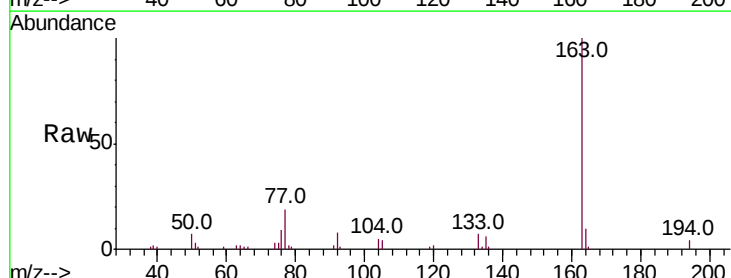
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#50
Dimethylphthalate
Concen: 8.295 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF110569.D
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	3.2	4.8	
164	9.9	8.1	12.1	





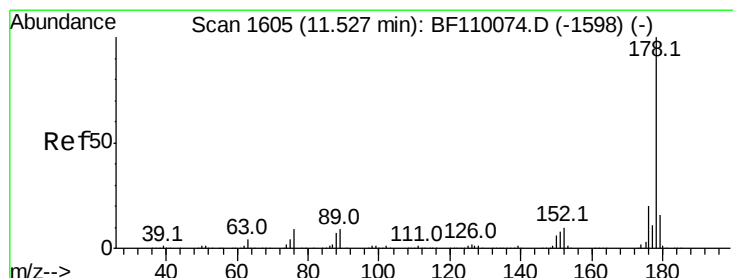
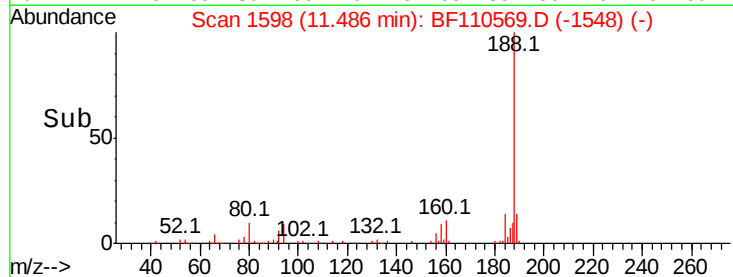
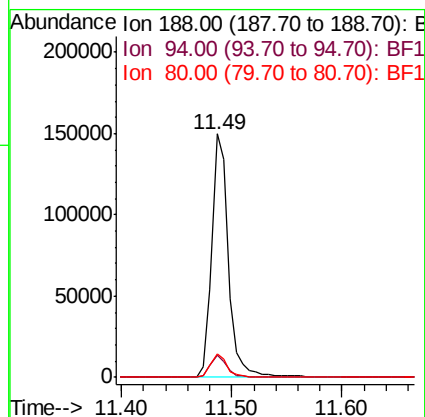
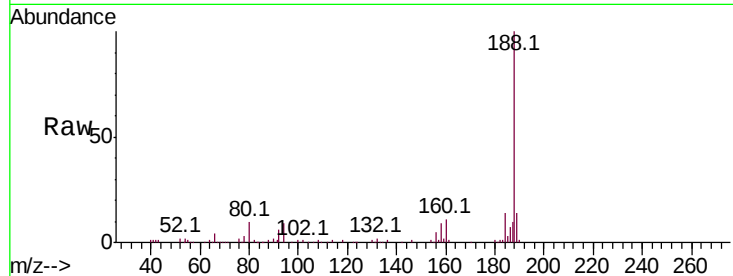
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TS-J

Tot Ion	Ratio	Resp	Lower	Upper
188	100	153430		
94	9.2		7.2	10.8
80	9.7		7.9	11.9

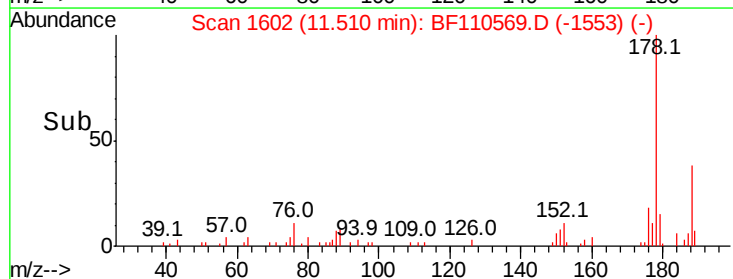
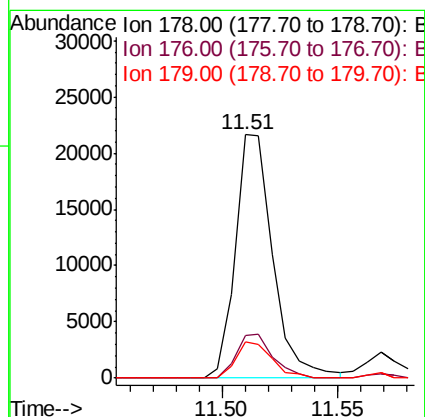
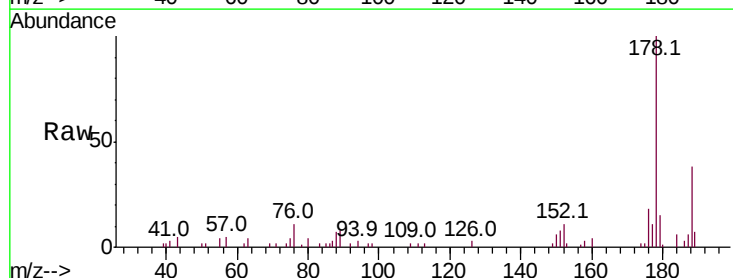
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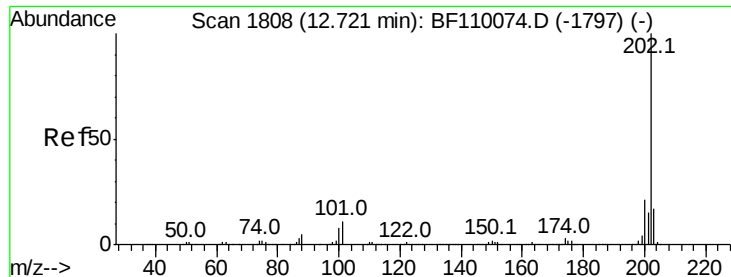
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#71
Phenanthrene
Concen: 3.053 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	24513		
176	17.7		15.5	23.3
179	15.1		12.5	18.7





#75

Fluoranthene

Concen: 7.628 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF110569.D

Acq: 7 Nov 2018 21:28

Instrument :

BNA_F

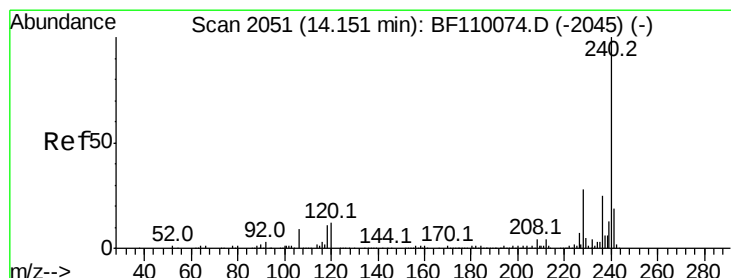
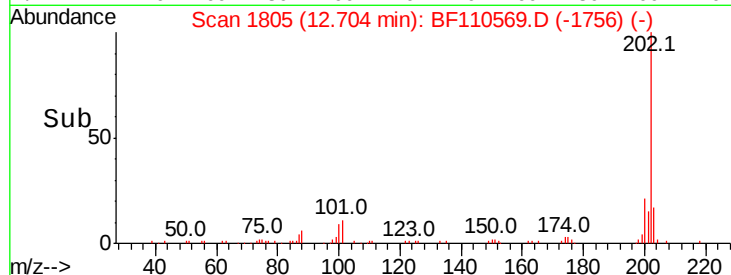
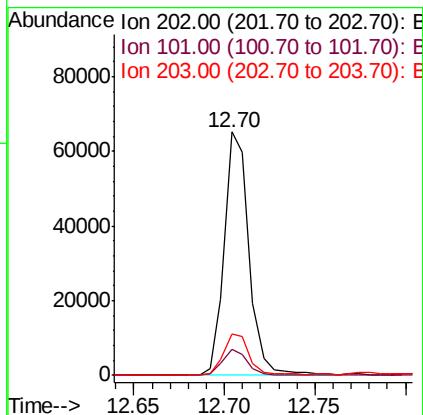
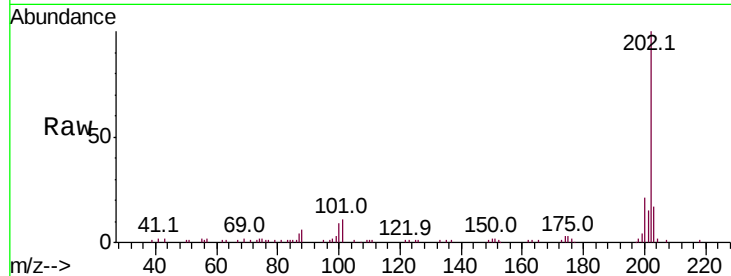
ClientSampleId :

TS-J

Tot Ion:	202	Resp:	62154
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	31.4
203	16.8	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

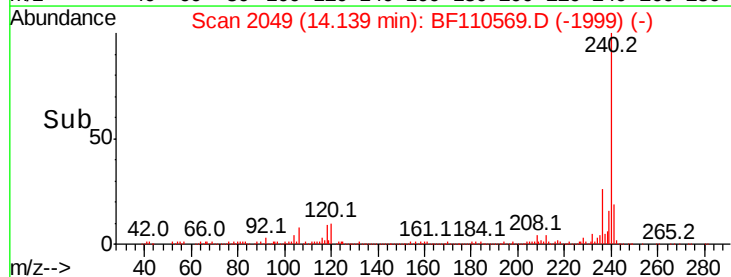
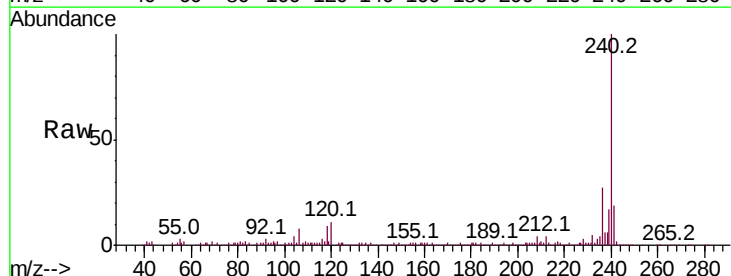
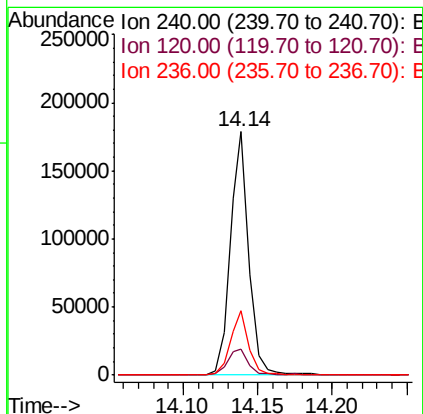
RT: 14.14 min Scan# 2049

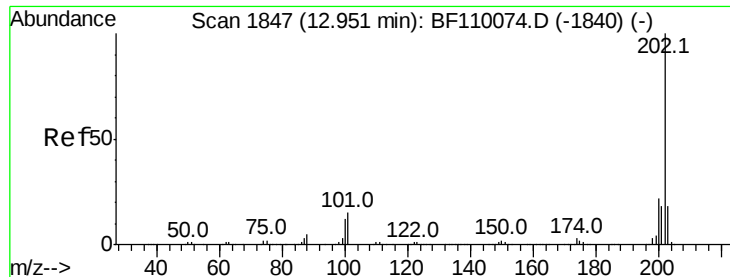
Delta R.T. -0.01 min

Lab File: BF110569.D

Acq: 7 Nov 2018 21:28

Tgt Ion:	240	Resp:	156994
Ion Ratio	Lower	Upper	
240	100		
120	10.6	8.3	12.5
236	26.5	21.2	31.8





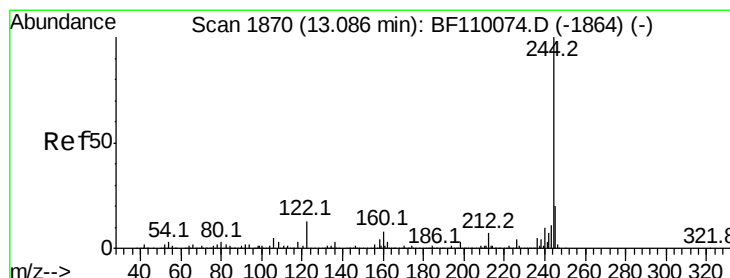
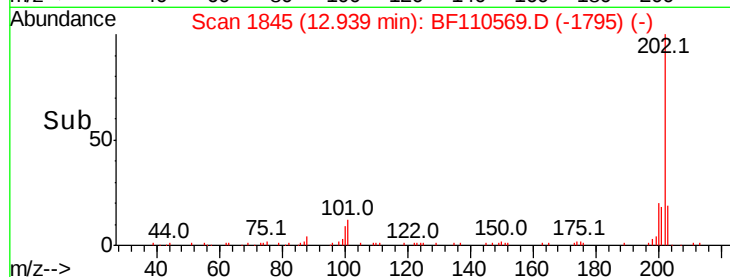
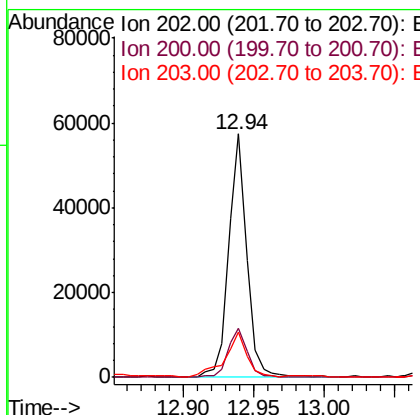
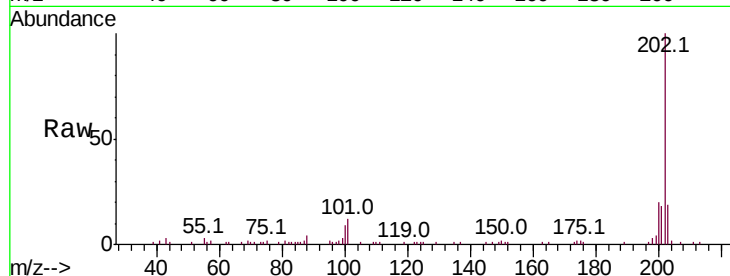
#78
Pvrene
Concen: 4.544 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampleId :
TS-J

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.3		17.8	26.6
203	18.6		14.2	21.4

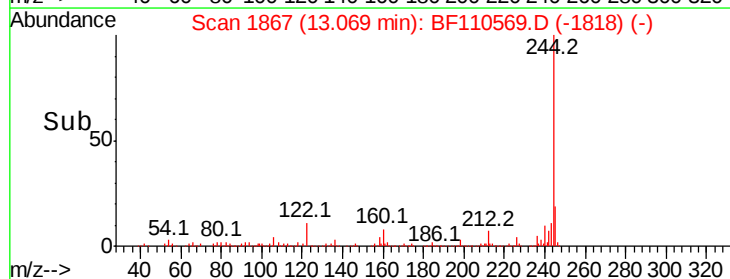
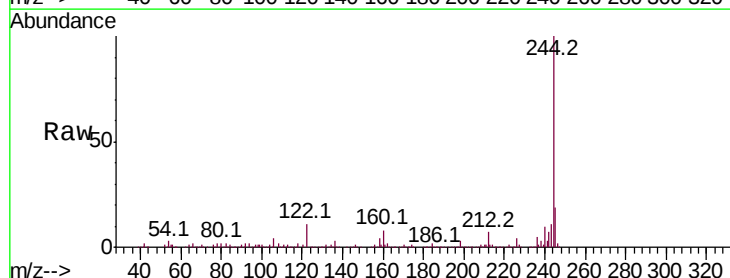
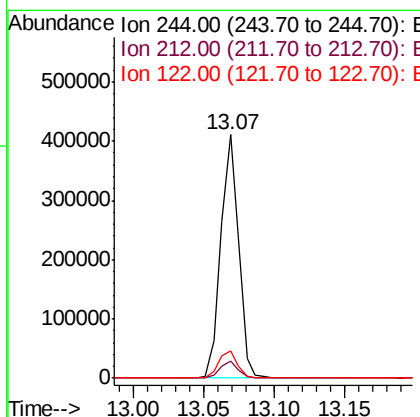
Manual Integrations
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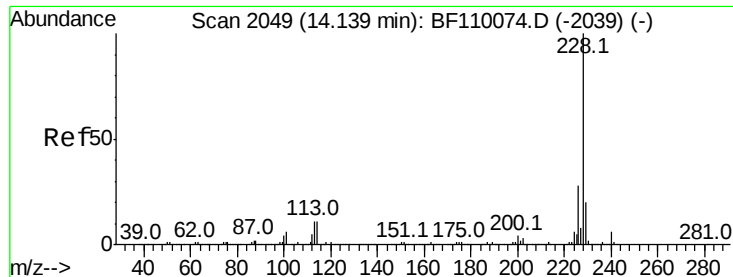
Sohil
11/9/2018 1:35:19 PM



#79
Terphenyl-d14
Concen: 48.064 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8		5.8	8.8
122	11.5		8.7	13.1





#81

Benzo(a)anthracene

Concen: 2.404 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110569.D

Acq: 7 Nov 2018 21:28

Instrument :

BNA_F

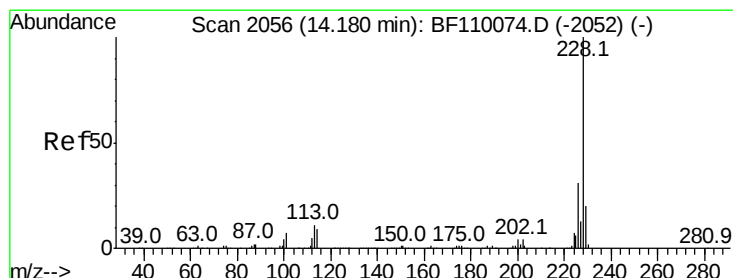
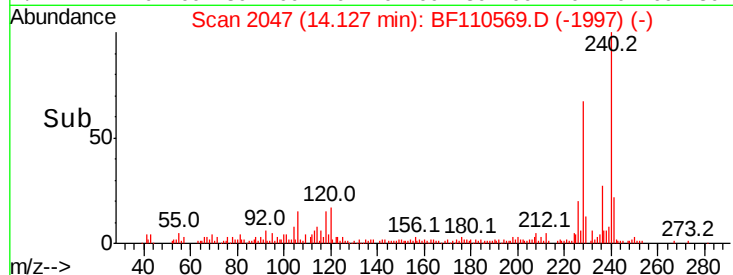
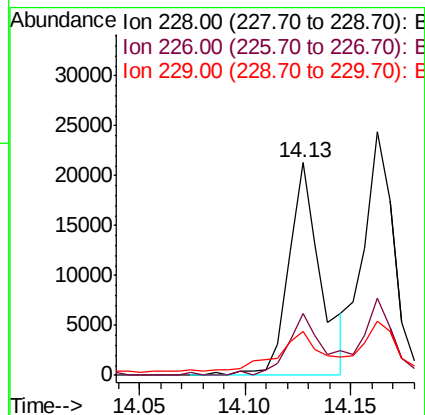
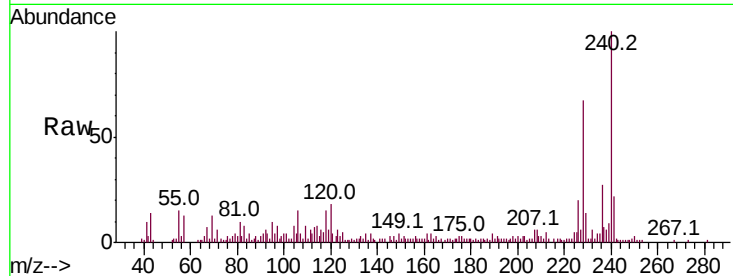
ClientSampleId :

TS-J

Tot Ion:	228	Resp:	22379
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.1	33.1
229	21.0	15.6	23.4

Manual Integrations
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11/9/2018 1:35:19 PM



#83

Chrysene

Concen: 2.906 ng

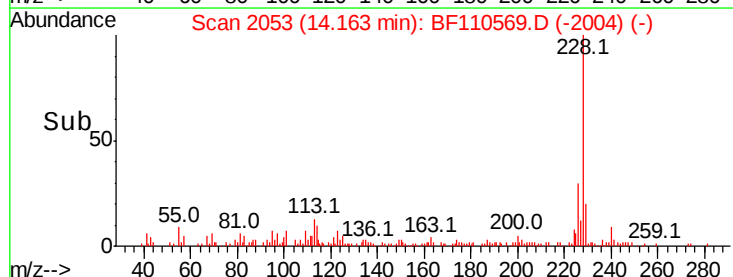
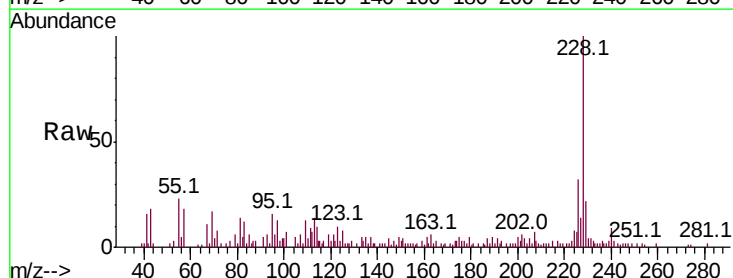
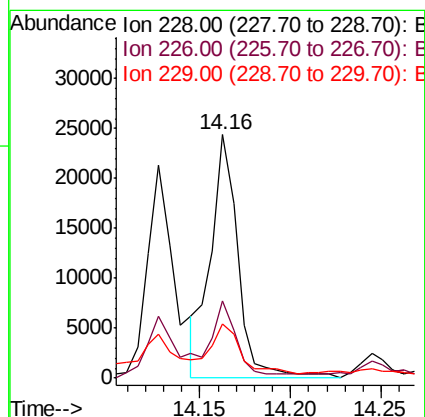
RT: 14.16 min Scan# 2053

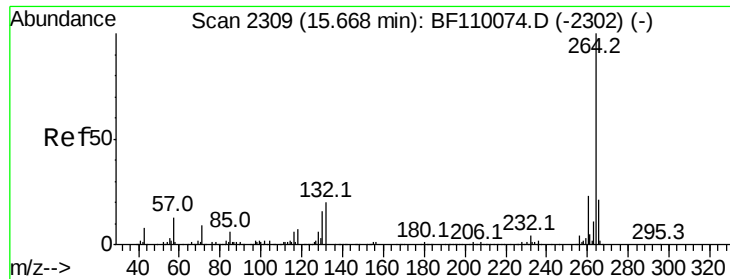
Delta R.T. -0.01 min

Lab File: BF110569.D

Acq: 7 Nov 2018 21:28

Tgt Ion:	228	Resp:	25697
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.7	37.1
229	22.2	15.9	23.9





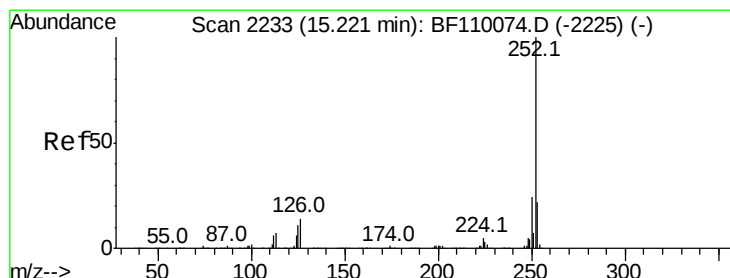
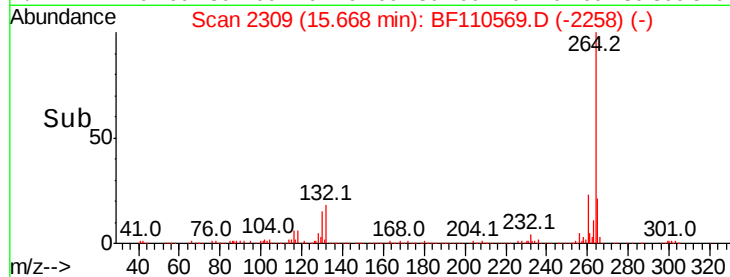
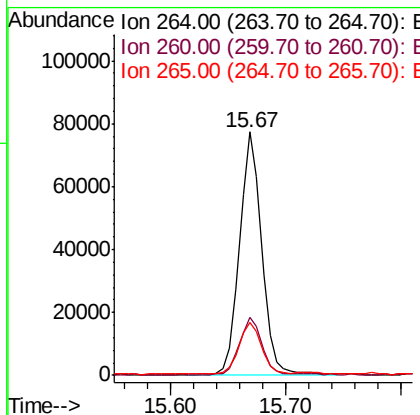
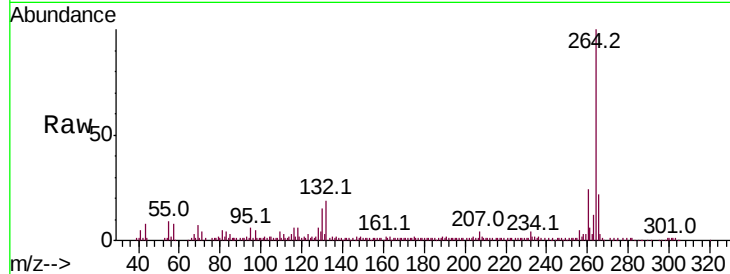
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampled :
TS-J

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	16.7	25.1

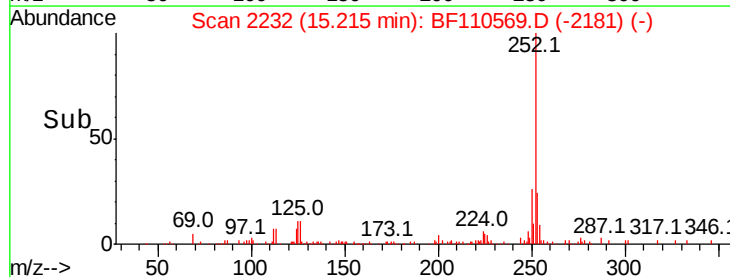
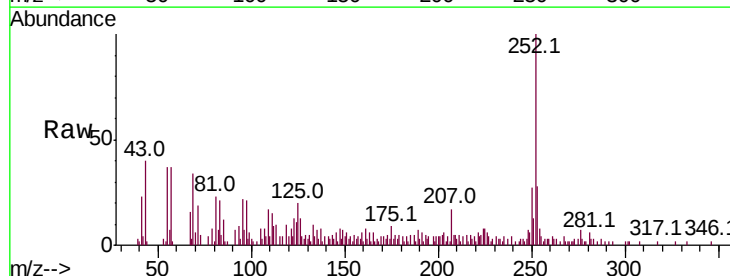
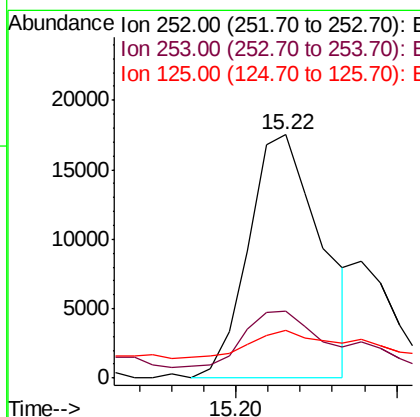
Manual Integrations
APPROVED

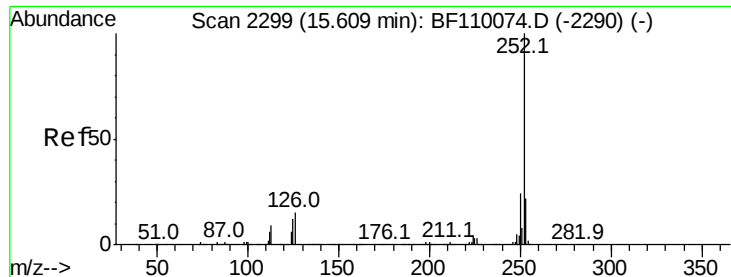
Sohil
11/9/2018 1:35:19 PM



#88
Benzo(b)fluoranthene
Concen: 4.601 ng m
RT: 15.22 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.2	25.8#
125	19.8	8.2	12.4#





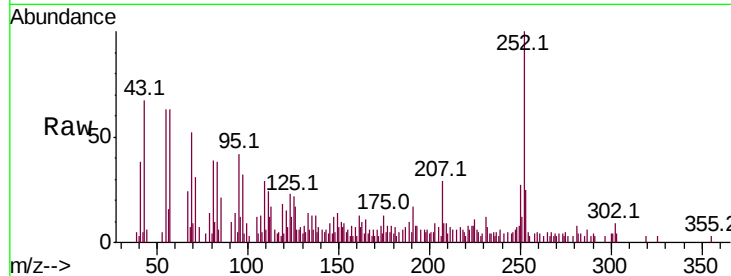
#90
Benzo(a)pyrene
Concen: 2.607 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.00 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Instrument :
BNA_F
ClientSampled :
TS-J

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.2	27.4
125	22.3	9.0	13.6

Manual Integrations
APPROVED

Sohil
11/9/2018 1:35:19 PM

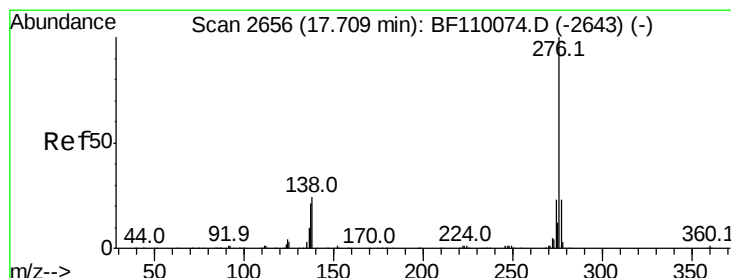
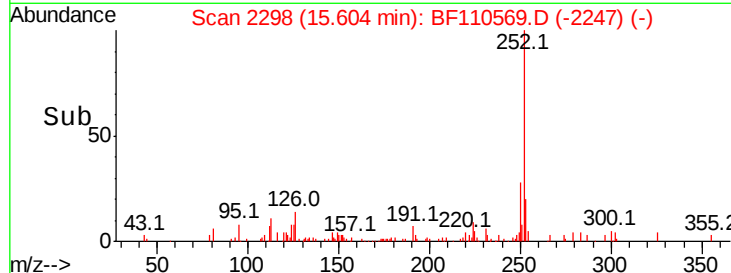
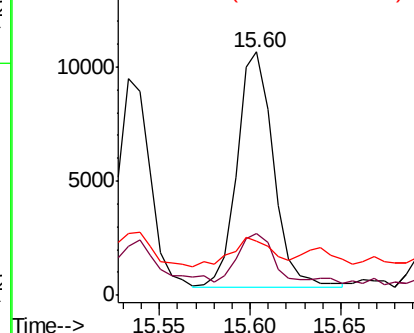


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 2.224 ng
RT: 17.73 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF110569.D
Acq: 7 Nov 2018 21:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.8	28.2
138	26.0	16.0	24.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

