

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112218.D
 Acq On : 24 Jan 2019 19:33
 Operator : JU/SJ
 Sample : K1223-06 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-R

Manual Integrations
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Sohil
 1/25/2019 10:05:19 AM

Quant Time: Jan 25 00:40:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	194420	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	867593	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	383404	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	608614	20.00	ng	0.00
76) Chrysene-d12	14.03	240	424881	20.00	ng	0.00
87) Perylene-d12	15.51	264	300198	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	659282	61.55	ng	0.00
7) Phenol-d6	6.50	99	630217	47.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	429112	34.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	200770	48.54	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	861312	32.94	ng	0.00
79) Terphenyl-d14	12.96	244	625122	31.30	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.00	79	475192	47.591	ng	97
50) Dimethylphthalate	9.60	163	110184	3.941	ng	99
71) Phenanthrene	11.41	178	297574	9.715	ng	97
72) Anthracene	11.46	178	68474	2.207	ng	98
75) Fluoranthene	12.60	202	369418	11.423	ng	98
78) Pyrene	12.83	202	315376	11.251	ng	99
81) Benzo(a)anthracene	14.02	228	139237	5.715	ng	99
83) Chrysene	14.06	228	121728	5.281	ng	95
88) Benzo(b)fluoranthene	15.07	252	114833m	6.739	ng	
89) Benzo(k)fluoranthene	15.10	252	42690m	2.588	ng	
90) Benzo(a)pyrene	15.44	252	75414	4.826	ng	# 86
92) Benzo(a,h,i)perylene	17.46	276	35573	2.602	ng	# 88

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

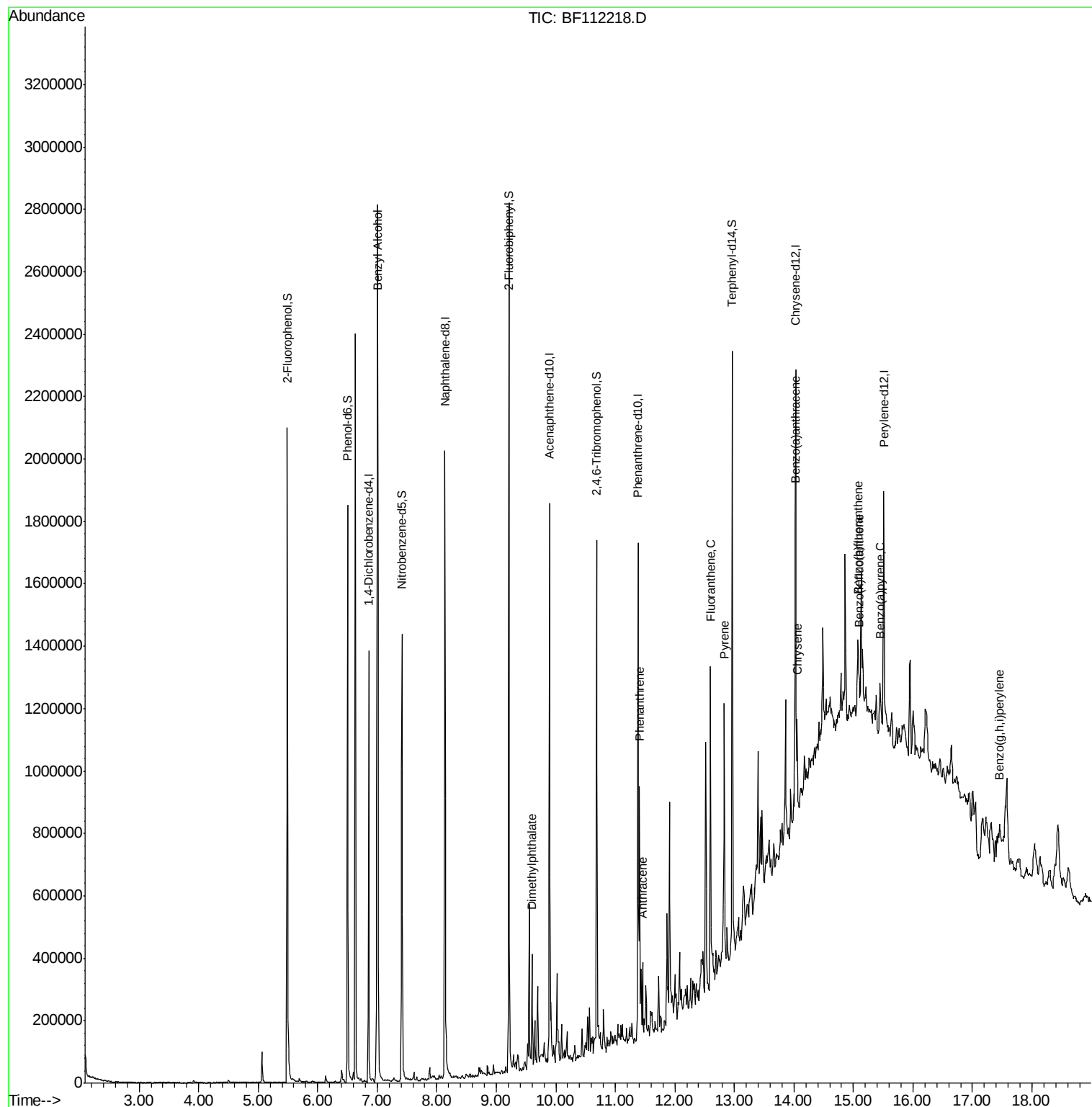
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112218.D
Acq On : 24 Jan 2019 19:33
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Sample : K1223-06 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

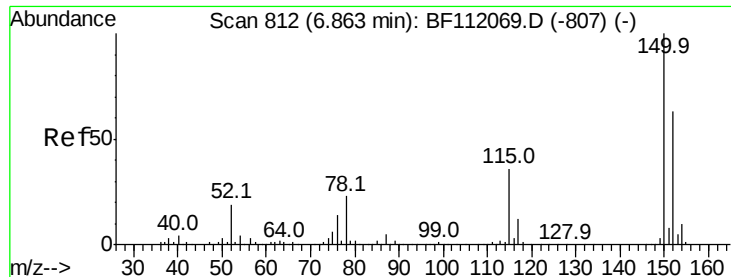
Instrument :
BNA_F
ClientSampled :
TS-R

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Quant Time: Jan 25 00:40:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

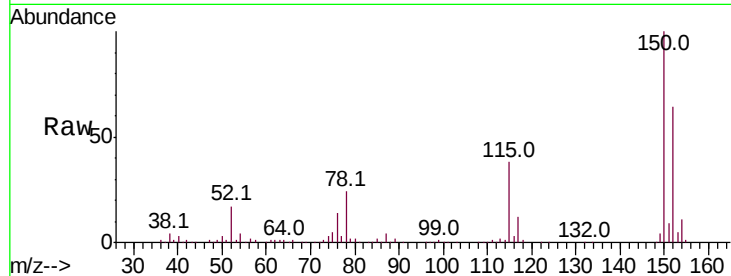
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Instrument :
BNA_F
ClientSampled :
TS-R

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	127.4	191.0
115	59.4	45.5	68.3

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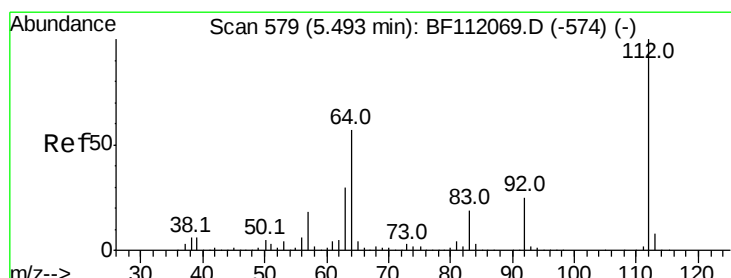
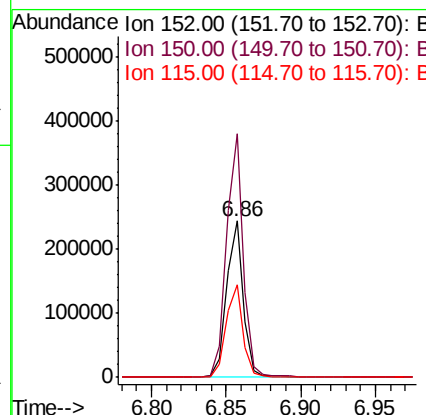
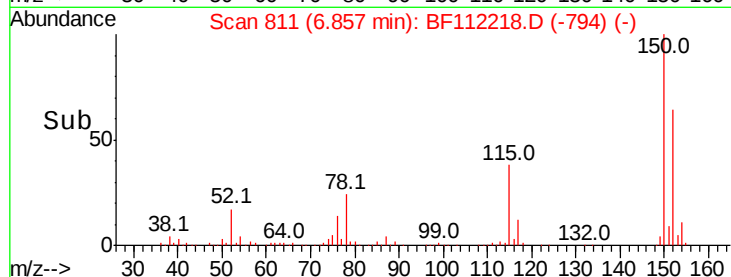


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

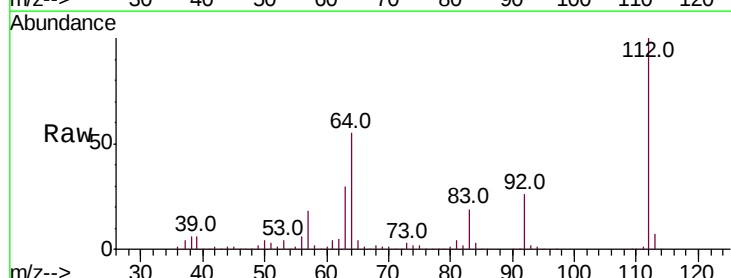
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 61.548 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	45.7	68.5
63	30.5	23.6	35.4

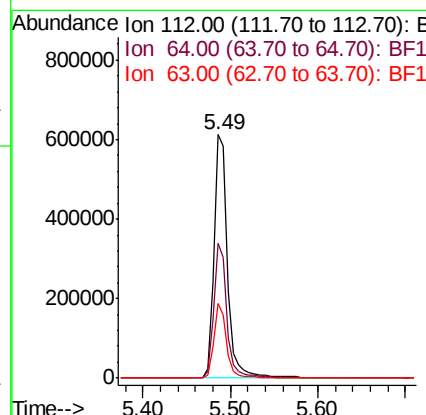
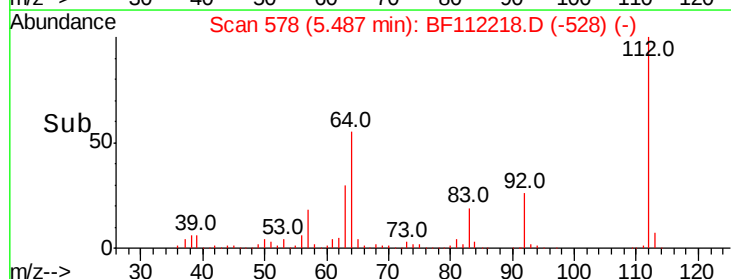


Abundance

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: 47.025 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112218.D

Acq: 24 Jan 2019 19:33

Instrument :

BNA_F

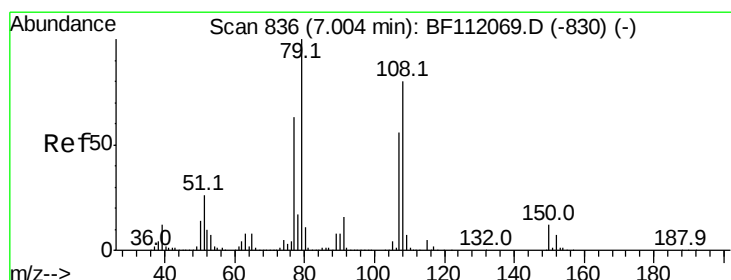
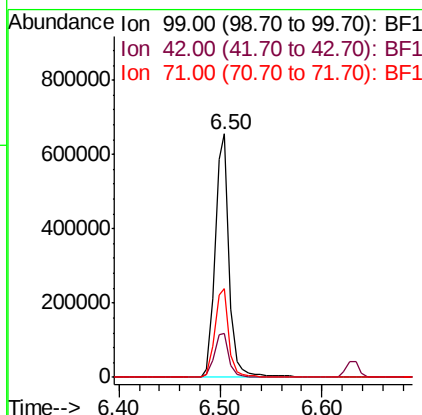
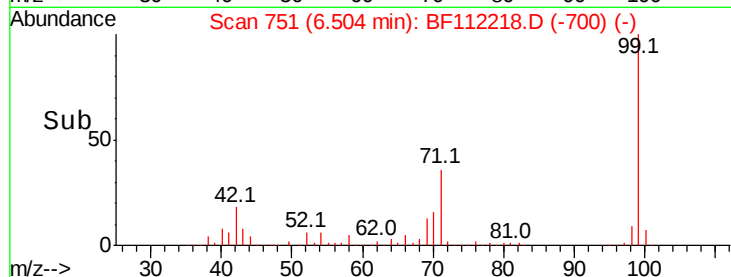
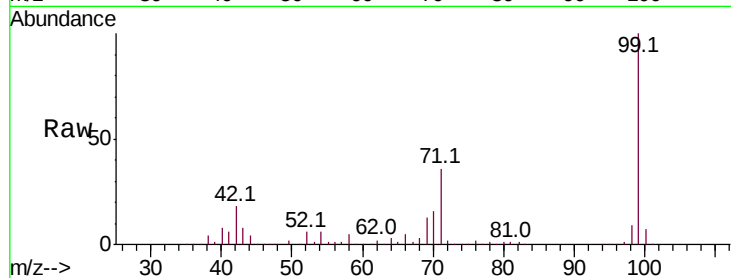
ClientSampled :

TS-R

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		630217		
42	17.8	15.1	22.7		
71	36.3	26.9	40.3		

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#15

Benzyl Alcohol

Concen: 47.591 ng

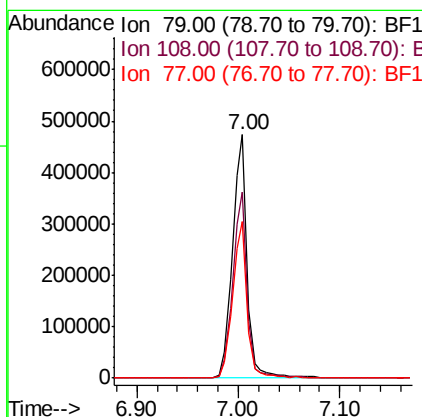
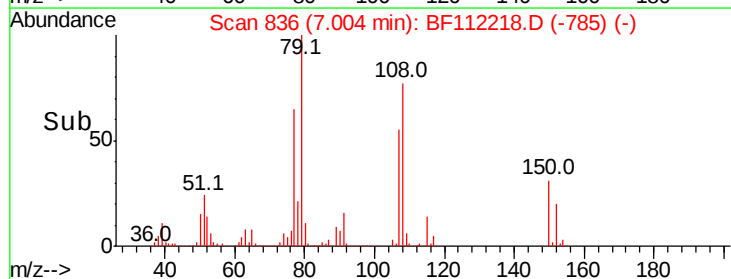
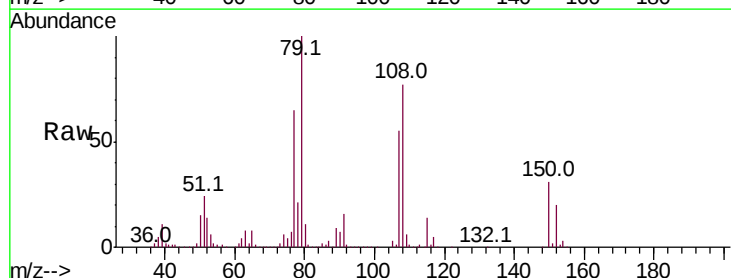
RT: 7.00 min Scan# 836

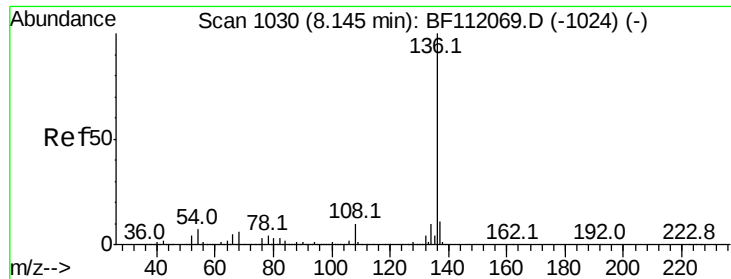
Delta R.T. -0.00 min

Lab File: BF112218.D

Acq: 24 Jan 2019 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
79	100		475192		
108	76.5	64.2	96.2		
77	64.5	50.3	75.5		





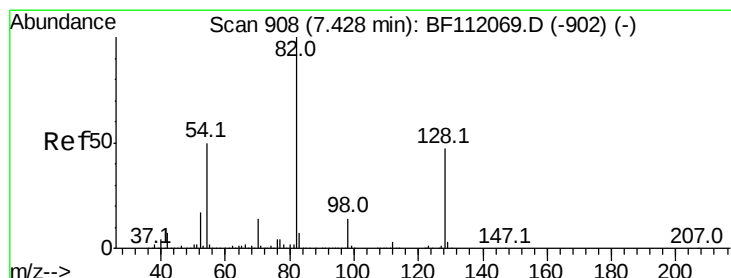
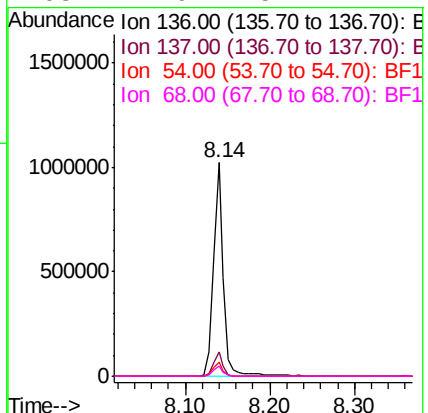
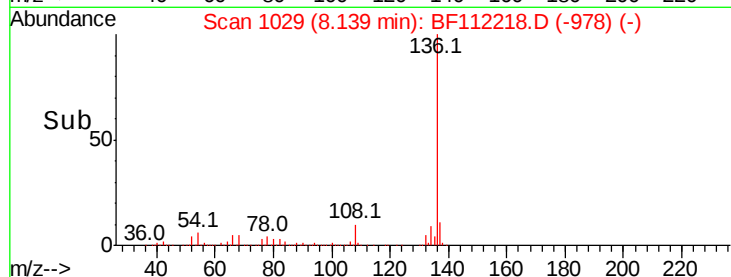
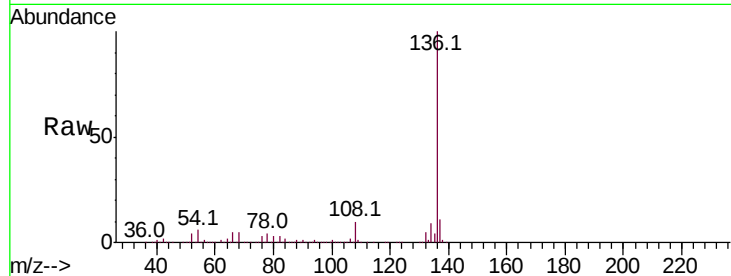
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Instrument :
BNA_F
ClientSampled :
TS-R

Tot Ion	Ratio	Resp	Lower	Upper
136	100	867593		
137	11.1		9.1	13.7
54	6.4		5.9	8.9
68	4.9		5.1	7.7#

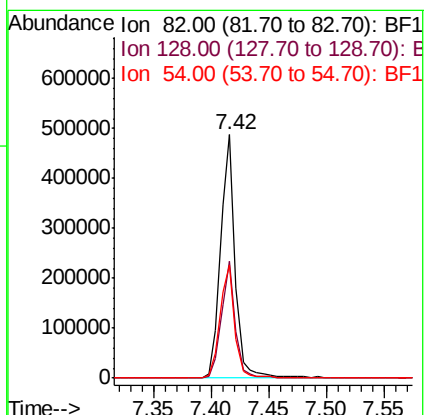
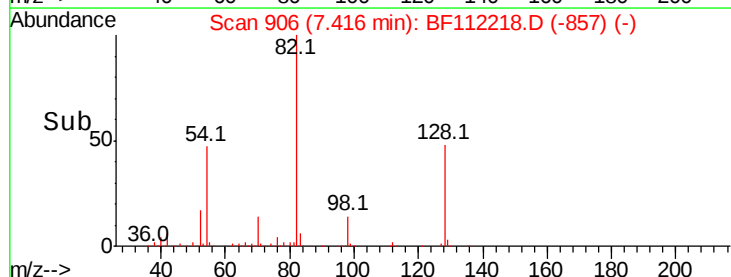
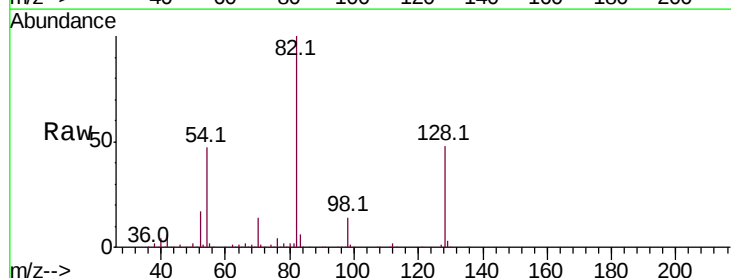
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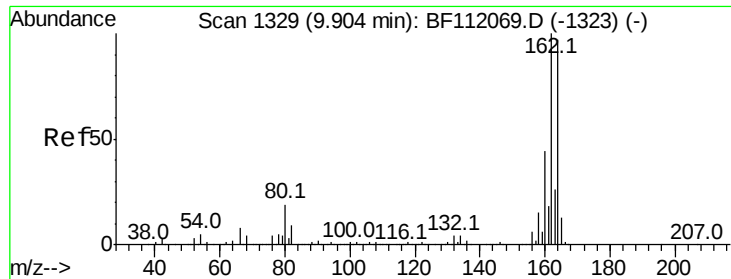
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#23
Nitrobenzene-d5
Concen: 34.171 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	429112		
128	48.2		37.8	56.8
54	46.6		39.7	59.5





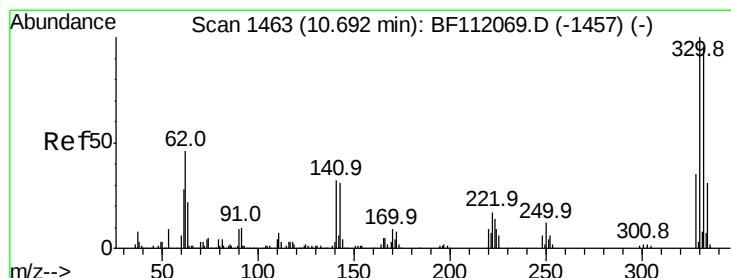
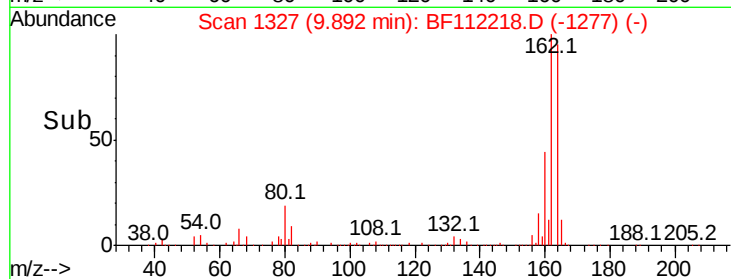
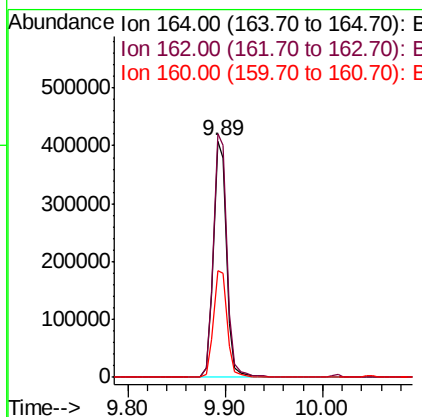
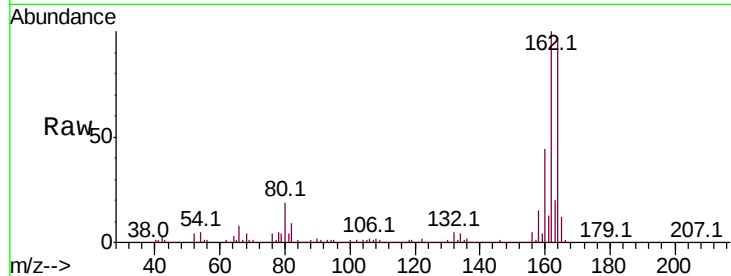
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Instrument :
BNA_F
ClientSampled :
TS-R

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.4
160	45.4	36.2	54.4

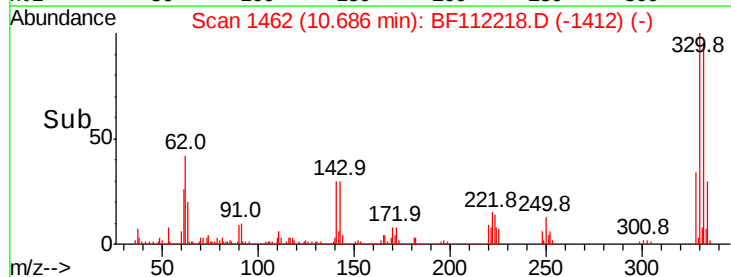
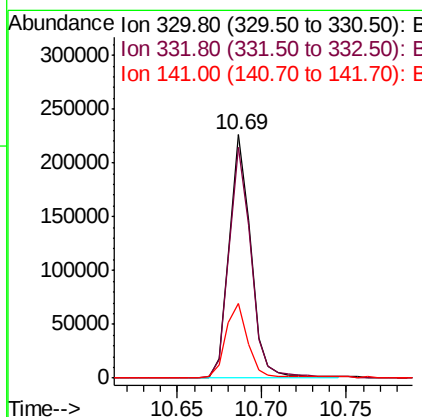
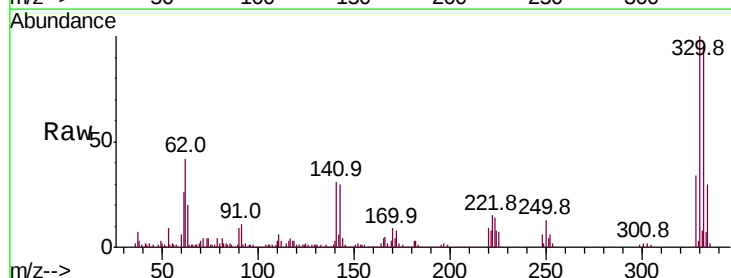
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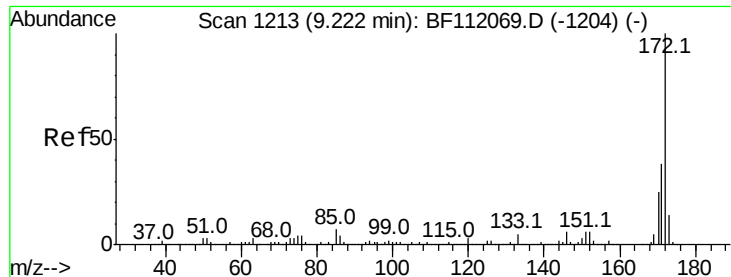
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#42
2,4,6-Tribromophenol
Concen: 48.541 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	31.3	24.3	36.5





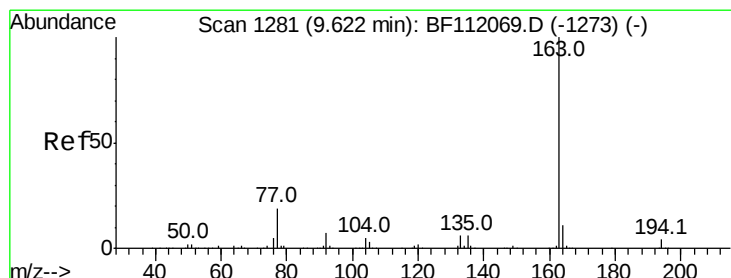
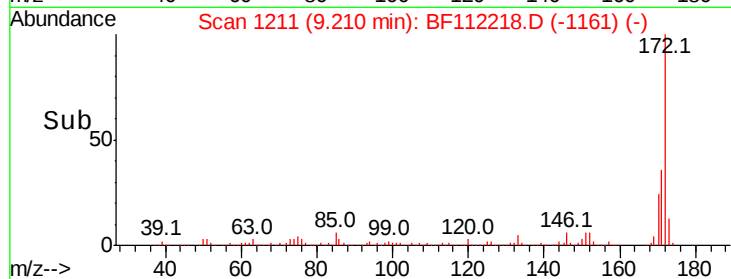
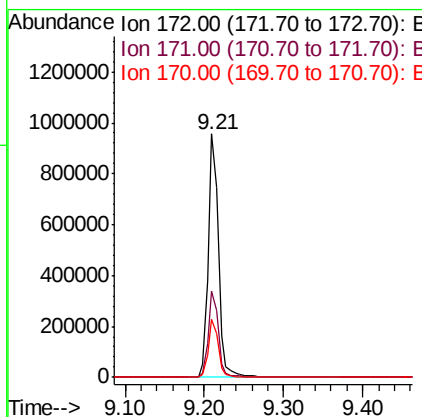
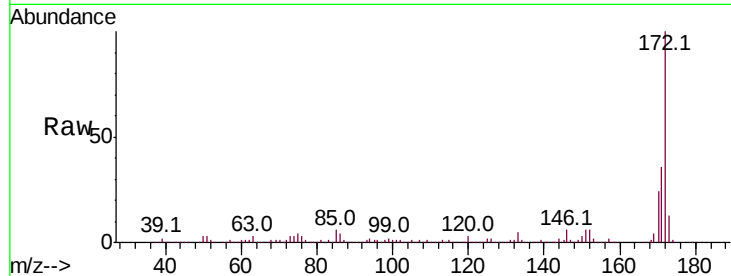
#45
 2-Fluorobiphenyl
 Concen: 32.936 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Instrument :
 BNA_F
 ClientSampleId :
 TS-R

Tot Ion	Ratio	Resp	Lower	Upper
172	100	861312		
171	35.5		30.5	45.7
170	24.0		20.2	30.4

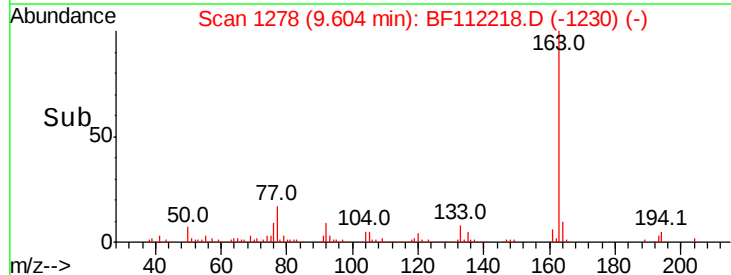
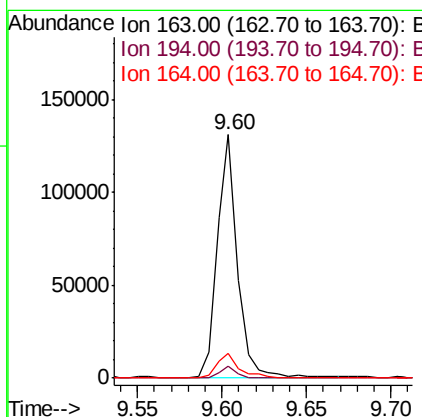
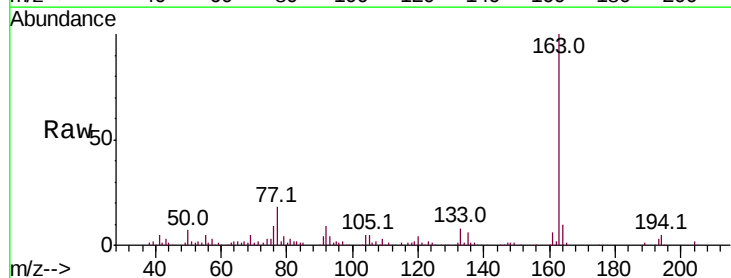
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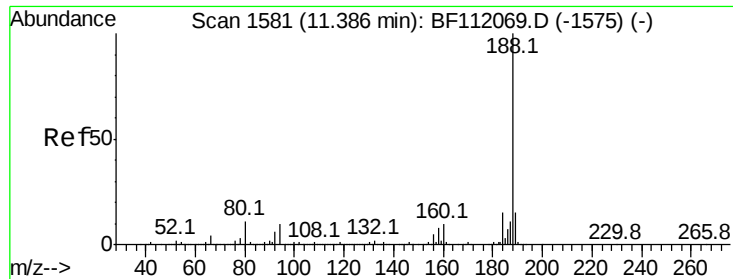
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#50
 Dimethylphthalate
 Concen: 3.941 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	110184		
194	4.7		3.3	4.9
164	10.1		8.5	12.7





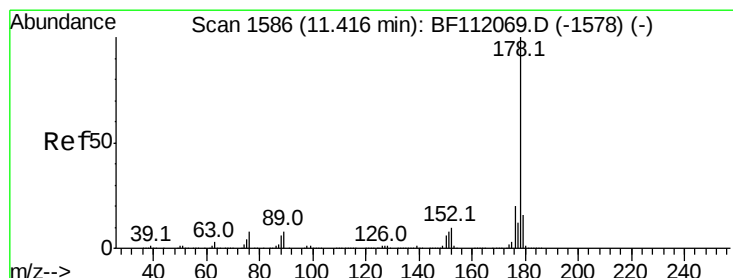
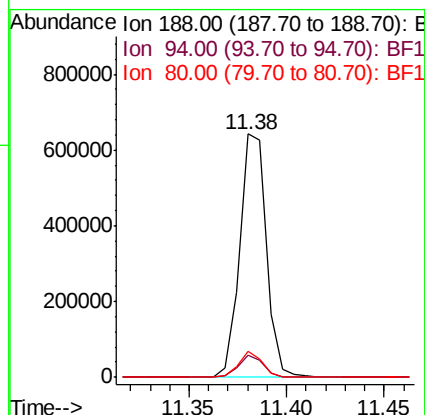
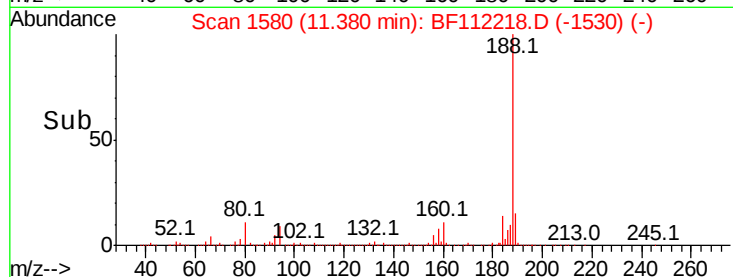
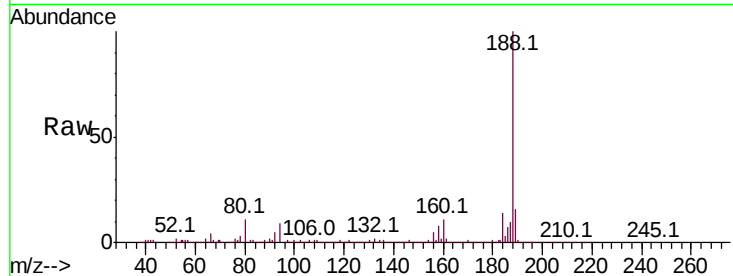
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Instrument :
BNA_F
ClientSampleId :
TS-R

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	8.2	12.2
80	10.6	8.9	13.3

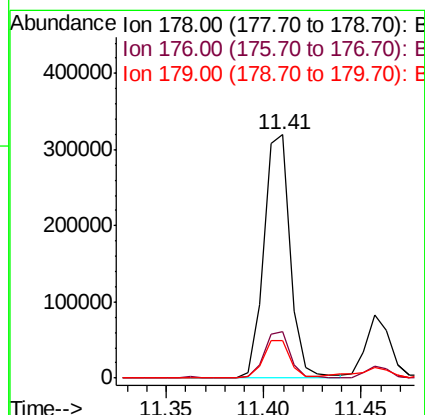
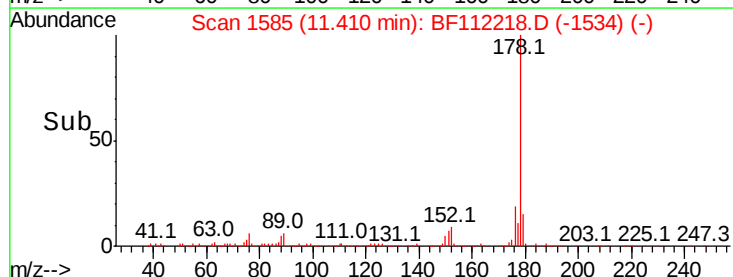
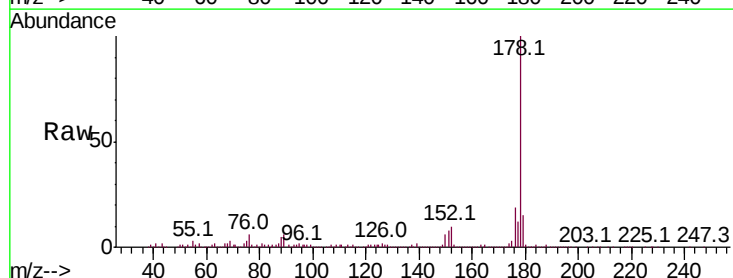
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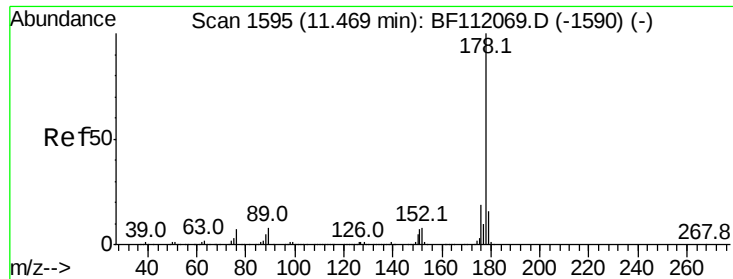
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#71
Phenanthrene
Concen: 9.715 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.0	16.3	24.5
179	15.2	13.0	19.4





#72

Anthracene

Concen: 2.207 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF112218.D

Acq: 24 Jan 2019 19:33

Instrument :

BNA_F

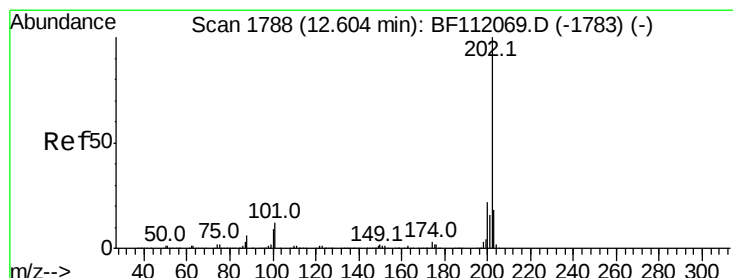
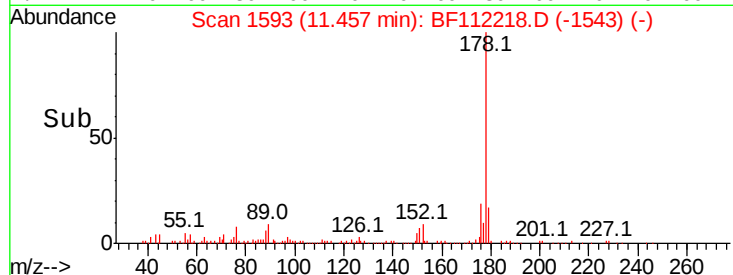
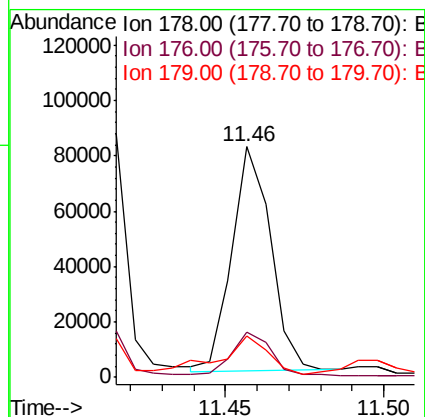
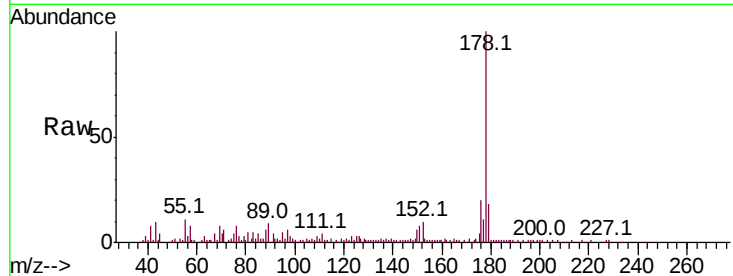
ClientSampleId :

TS-R

Tot Ion:	178	Resp:	68474
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	17.8	12.8	19.2

Manual Integrations
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#75

Fluoranthene

Concen: 11.423 ng

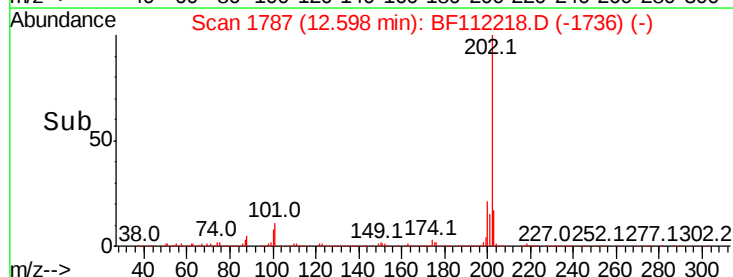
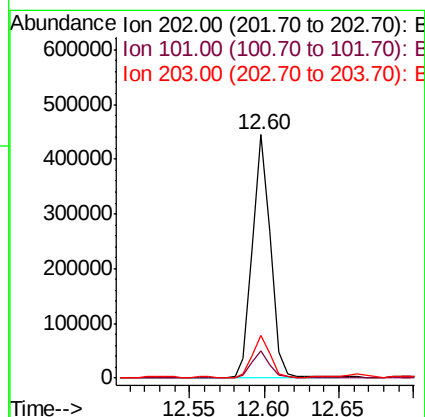
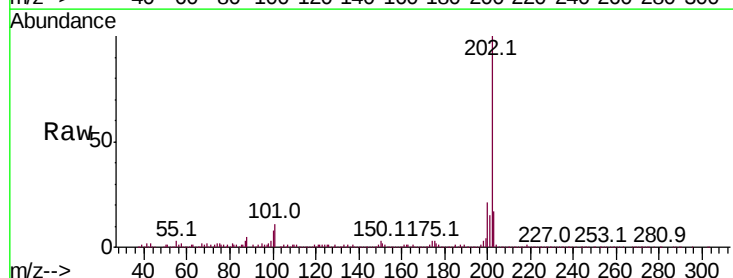
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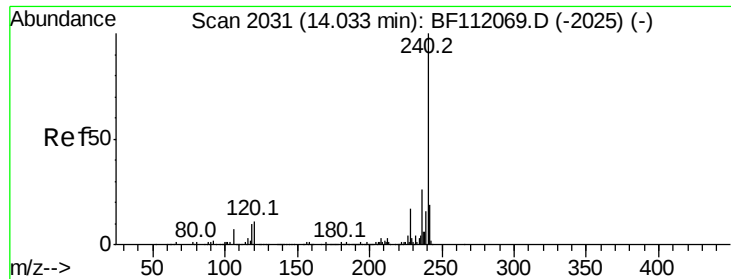
Delta R.T. -0.00 min

Lab File: BF112218.D

Acq: 24 Jan 2019 19:33

Tgt Ion:	202	Resp:	369418
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	31.8
203	17.5	0.0	38.4





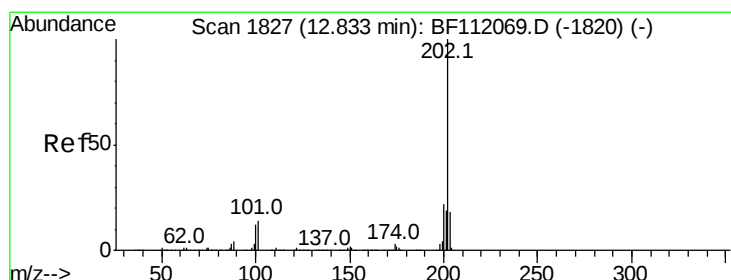
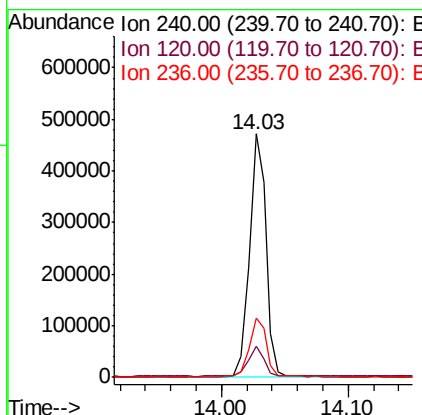
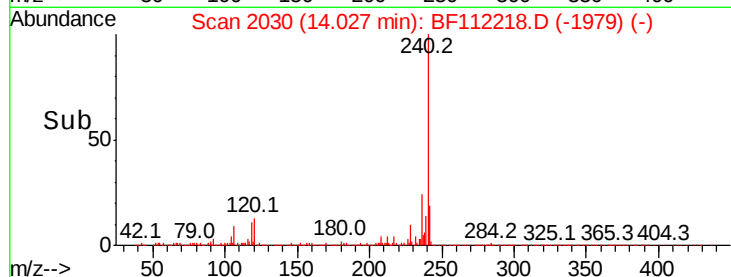
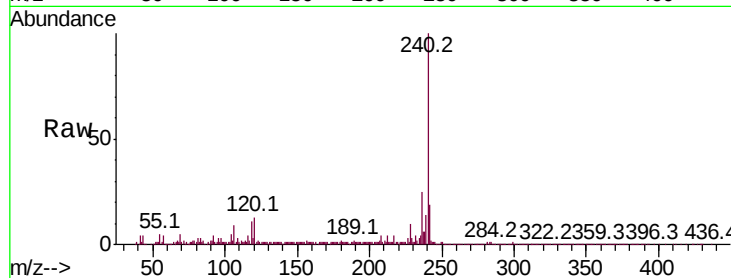
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Instrument :
BNA_F
ClientSampleId :
TS-R

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.0	13.6
236	24.6	20.7	31.1

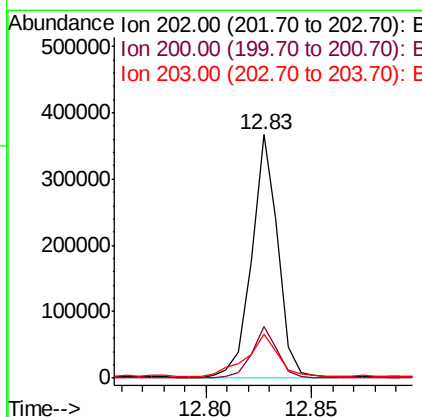
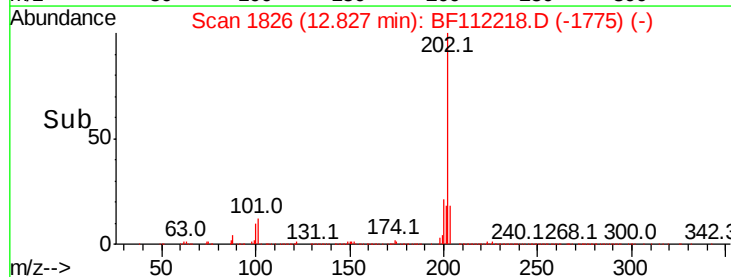
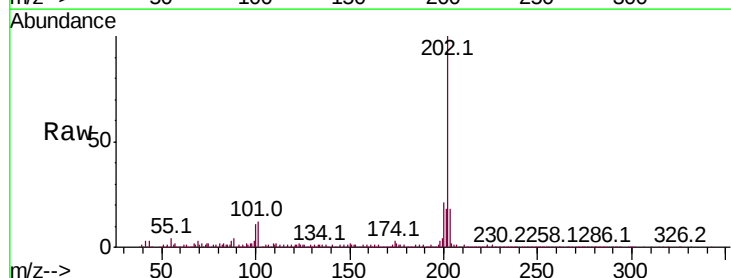
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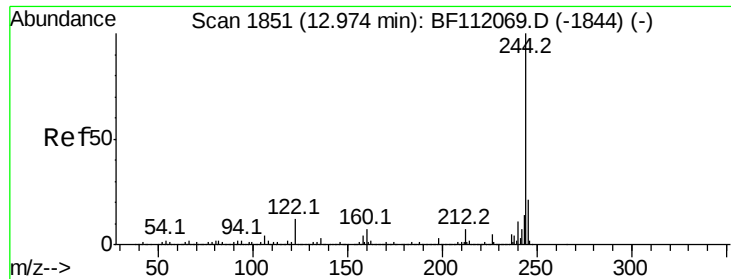
Sohil
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#78
Pyrene
Concen: 11.251 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	18.1	14.6	22.0





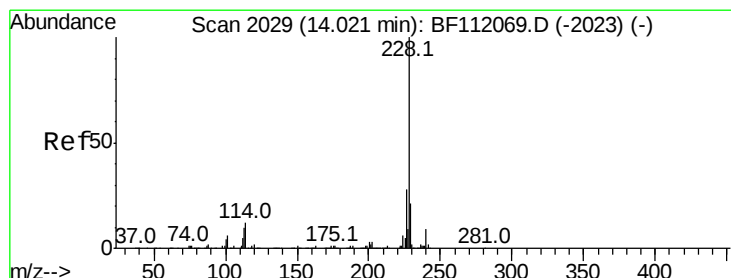
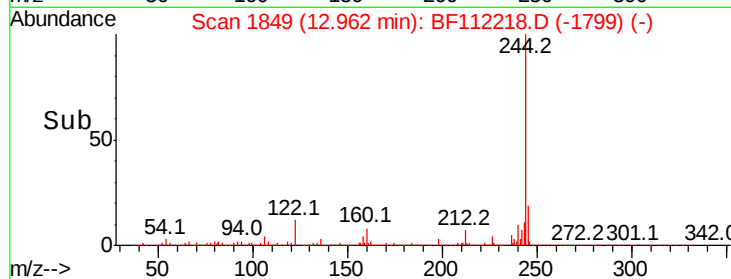
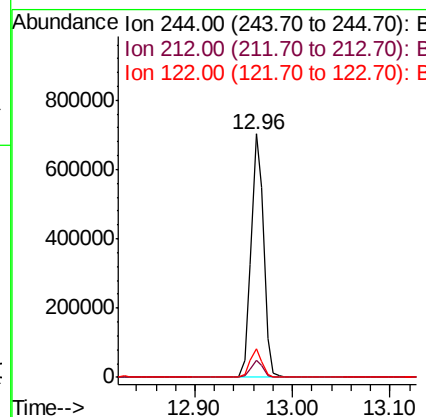
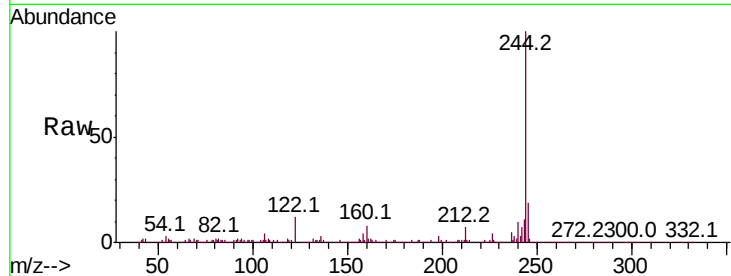
#79
 Terphenyl-d14
 Concen: 31.300 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Instrument :
 BNA_F
 ClientSampled :
 TS-R

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.9	9.8	14.6

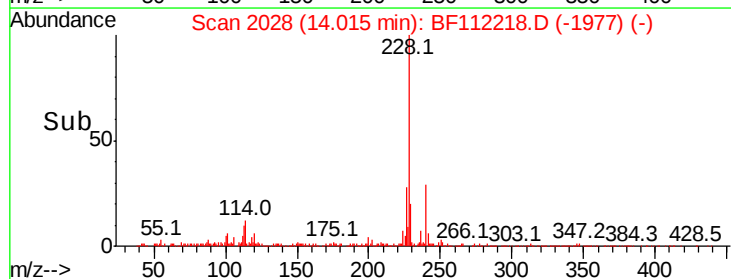
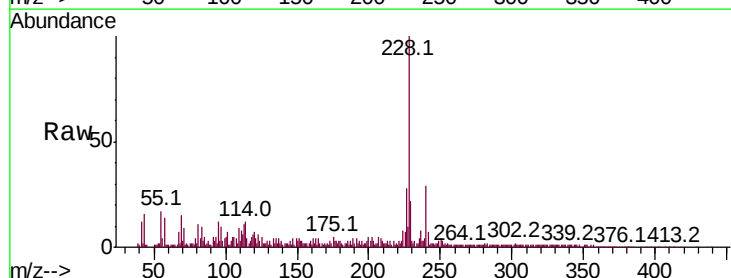
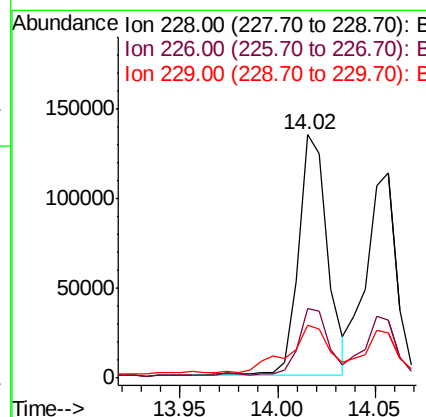
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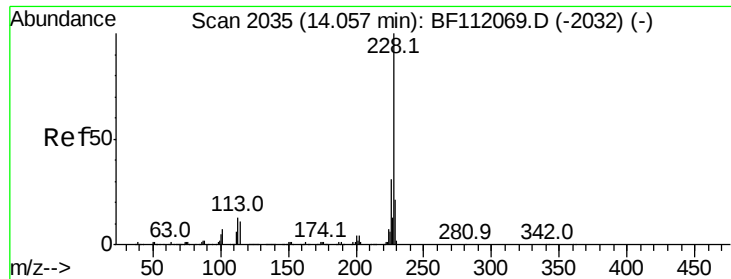
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#81
 Benzo(a)anthracene
 Concen: 5.715 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF112218.D
 Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	34.0
229	22.0	16.5	24.7





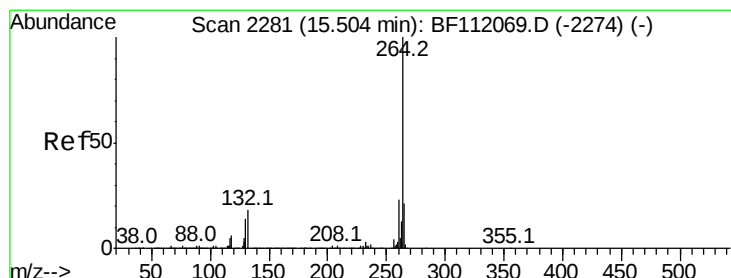
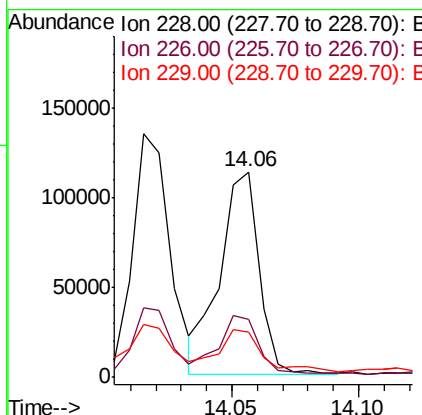
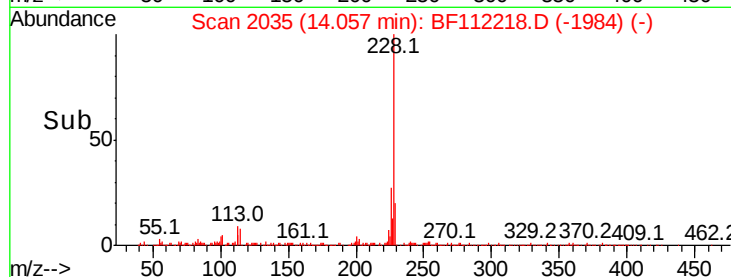
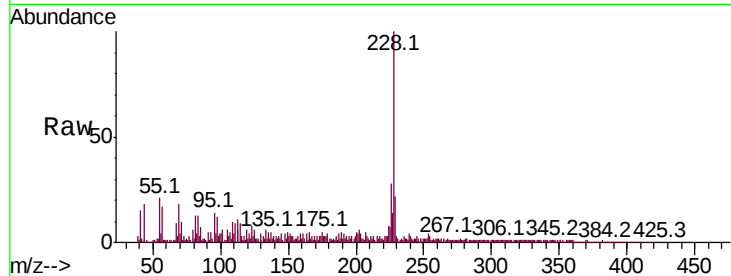
#83
Chrysene
Concen: 5.281 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Instrument :
BNA_F
ClientSampleId :
TS-R

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.3	25.0	37.6	
229	22.3	16.6	24.8	

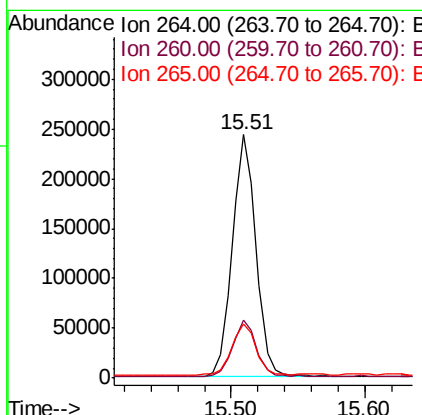
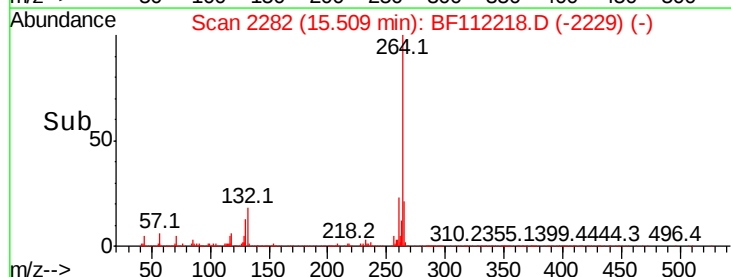
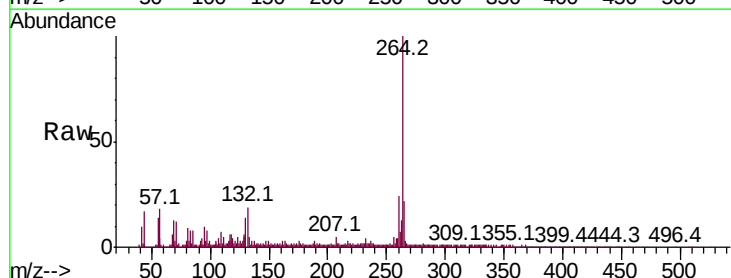
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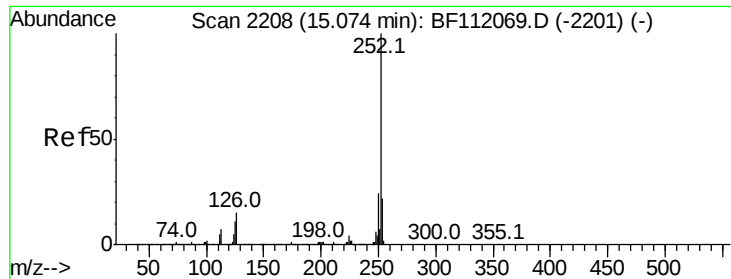
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.8	18.2	27.2	
265	22.3	17.0	25.4	





#88

Benzo(b)fluoranthene

Concen: 6.739 ng m

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF112218.D

Acq: 24 Jan 2019 19:33

Instrument :

BNA_F

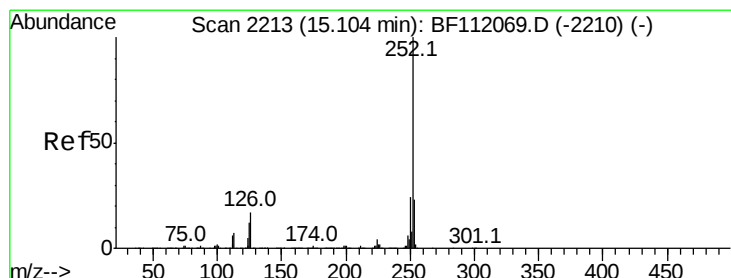
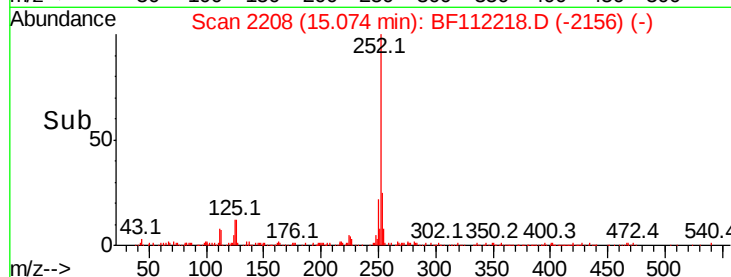
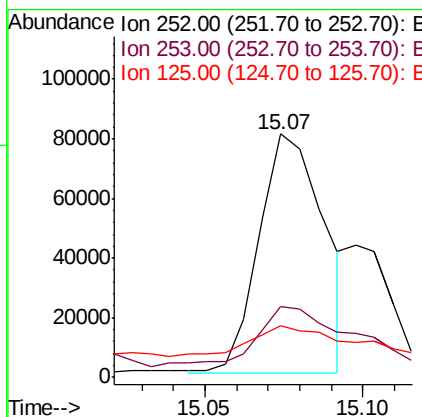
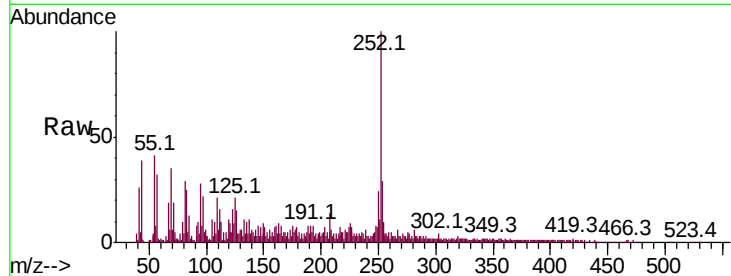
ClientSampled :

TS-R

Tot Ion:	252	Resp:	114833
Ion Ratio	Lower	Upper	
252	100		
253	28.9	18.0	27.0#
125	21.2	8.7	13.1#

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#89

Benzo(k)fluoranthene

Concen: 2.588 ng m

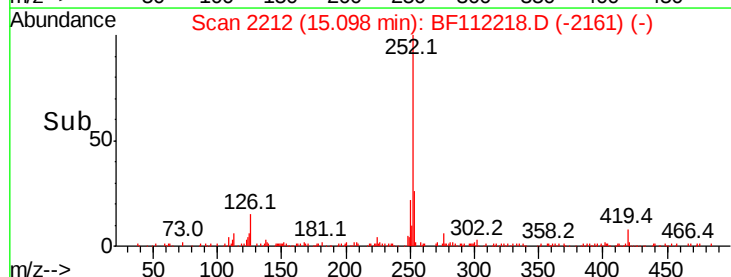
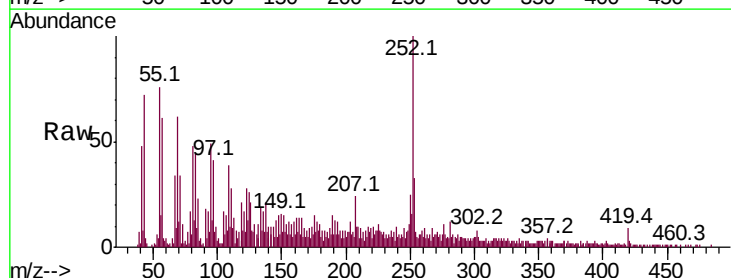
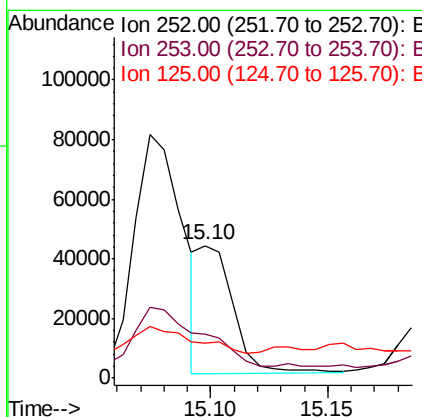
RT: 15.10 min Scan# 2212

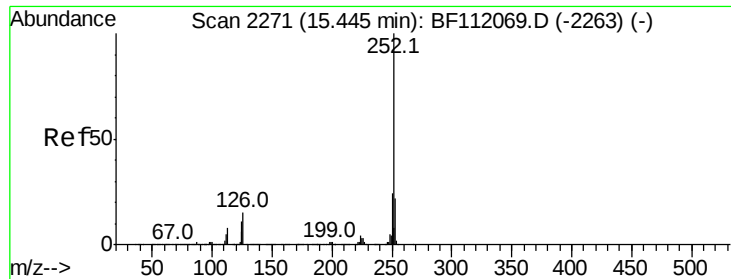
Delta R.T. 0.00 min

Lab File: BF112218.D

Acq: 24 Jan 2019 19:33

Tgt Ion:	252	Resp:	42690
Ion Ratio	Lower	Upper	
252	100		
253	33.3	18.0	27.0#
125	25.9	9.1	13.7#





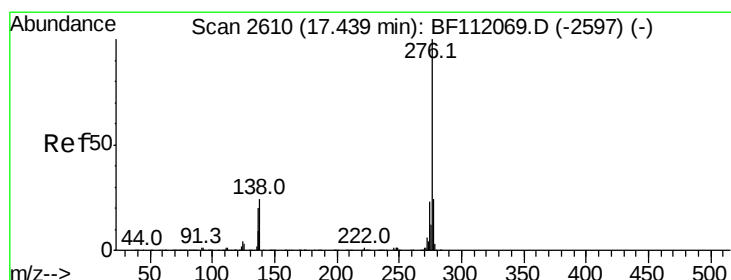
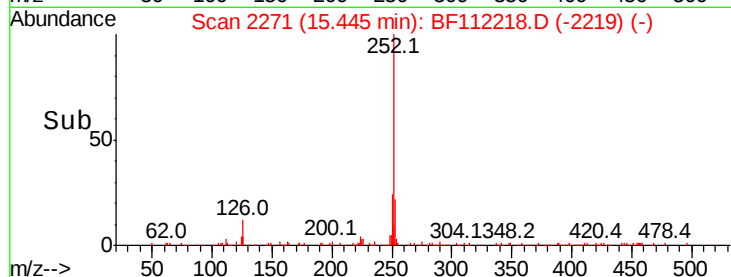
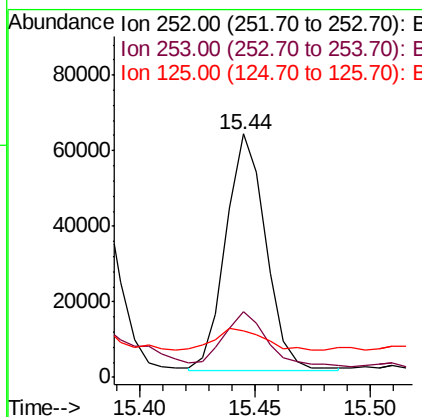
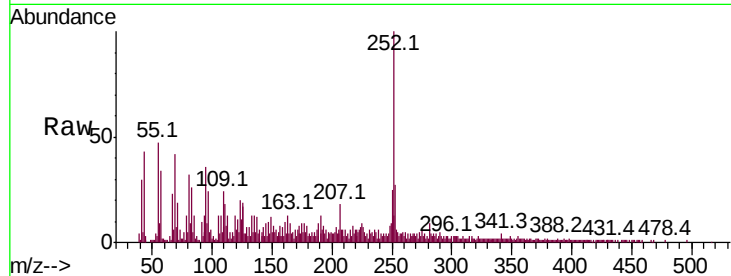
#90
Benzo(a)pyrene
Concen: 4.826 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Instrument :
BNA_F
ClientSampleId :
TS-R

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.5	26.3#
125	19.1	9.0	13.4#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.602 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.03 min
Lab File: BF112218.D
Acq: 24 Jan 2019 19:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.2	19.4	29.0#
138	28.8	19.1	28.7#

