

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112214.D
 Acq On : 24 Jan 2019 17:42
 Operator : JU/SJ
 Sample : K1223-02 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-N

Manual Integrations
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 1/25/2019 10:05:12 AM

Quant Time: Jan 25 00:29:38 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	6.85	152	255875	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	861130	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	440617	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	674564	20.00	ng	0.00
76) Chrysene-d12	14.03	240	477391	20.00	ng	0.00
87) Perylene-d12	15.50	264	345809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	697335	49.47	ng	0.00
7) Phenol-d6	6.50	99	860704	48.80	ng	0.00
23) Nitrobenzene-d5	7.41	82	538609	43.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	211910	44.58	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	980786	32.63	ng	0.00
79) Terphenyl-d14	12.96	244	685663	30.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	79736	2.481	ng	Qvalue # 99
71) Phenanthrene	11.40	178	286724	8.446	ng	97
75) Fluoranthene	12.60	202	562221	15.686	ng	97
78) Pyrene	12.83	202	478811	15.202	ng	96
81) Benzo(a)anthracene	14.02	228	219332	8.013	ng	99
83) Chrysene	14.05	228	213390	8.239	ng	96
86) Indeno(1,2,3-cd)pyrene	16.99	276	66897	2.800	ng	97
88) Benzo(b)fluoranthene	15.07	252	195819m	9.976	ng	
89) Benzo(k)fluoranthene	15.10	252	81949m	4.313	ng	
90) Benzo(a)pyrene	15.44	252	123003	6.833	ng	# 90
92) Benzo(g,h,i)perylene	17.44	276	64888	4.119	ng	# 91

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

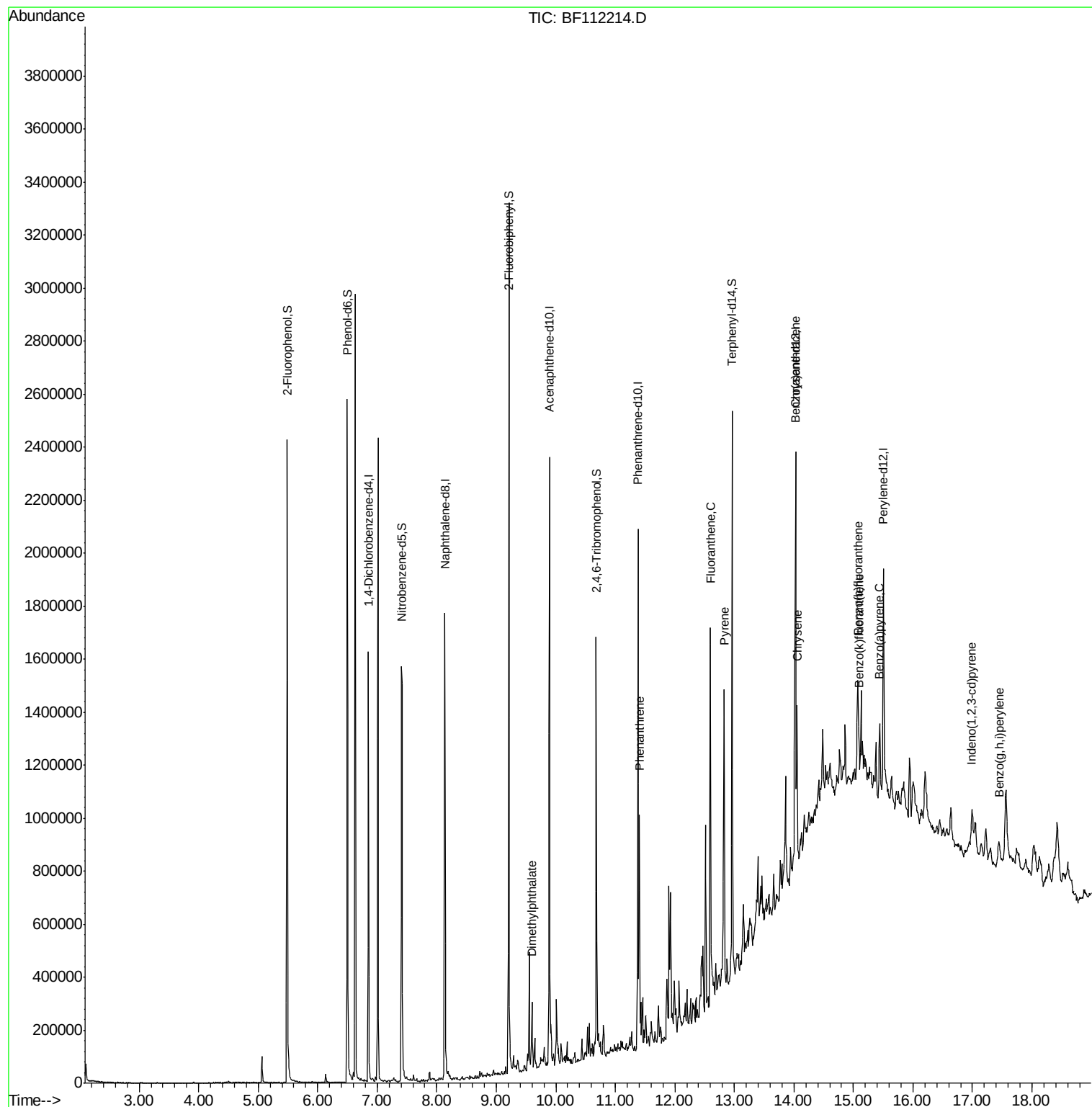
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112214.D
Acq On : 24 Jan 2019 17:42
Operator : JU/SJ
Sample : K1223-02 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

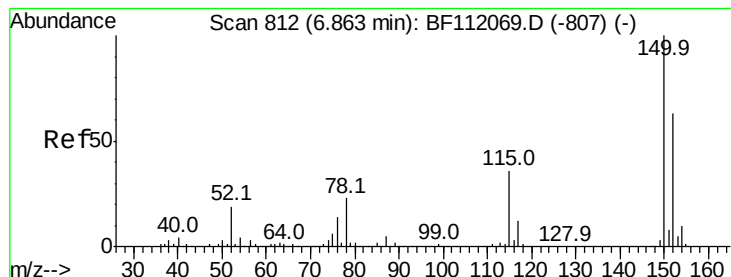
Instrument :
BNA_F
ClientSampled :
TS-N

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
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#1

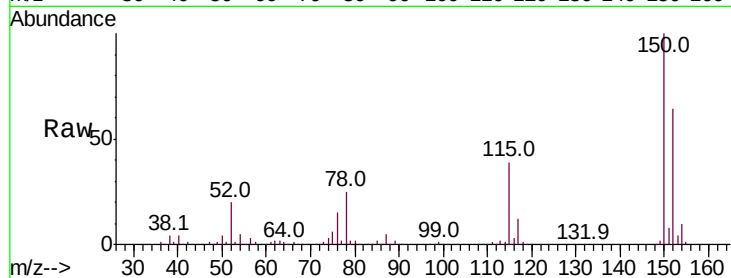
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Instrument :
BNA_F
ClientSampled :
TS-N

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	127.4	191.0
115	60.8	45.5	68.3

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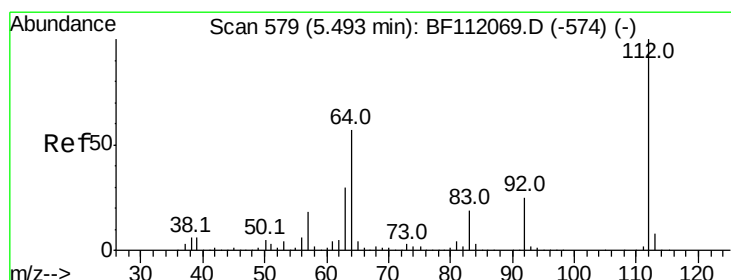
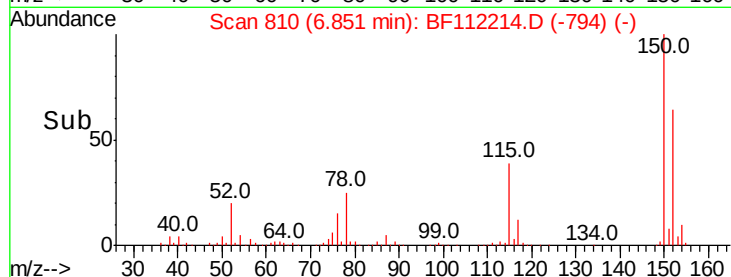
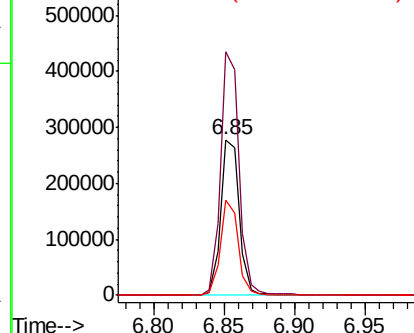


Abundance

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: 49.465 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

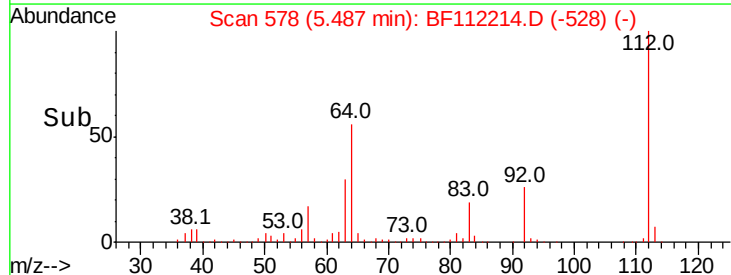
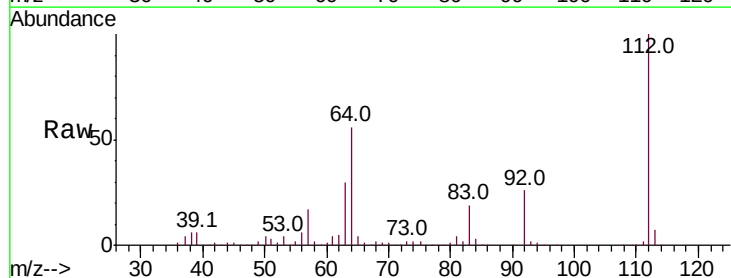
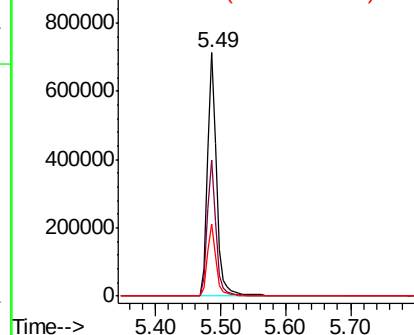
Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.7	68.5
63	29.5	23.6	35.4

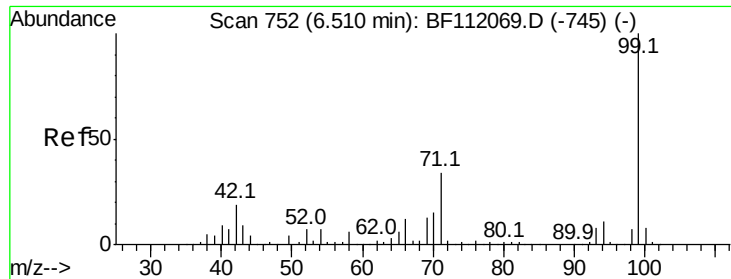
Abundance

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: 48.798 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112214.D

Acq: 24 Jan 2019 17:42

Instrument :

BNA_F

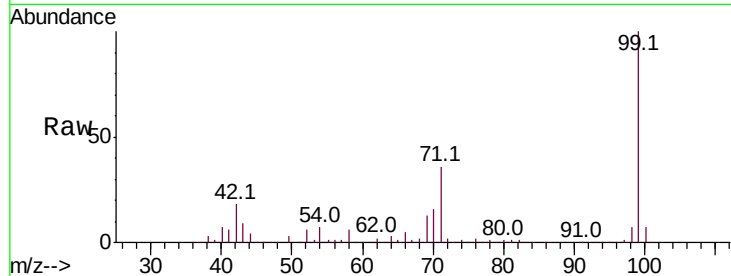
ClientSampleId :

TS-N

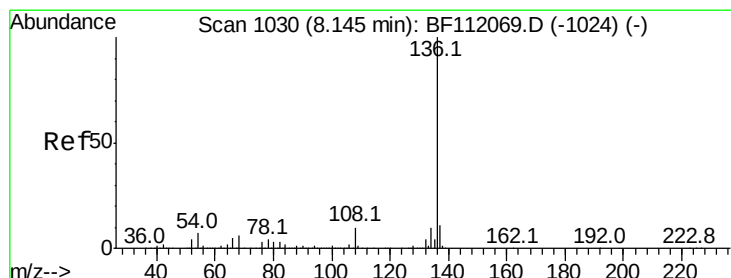
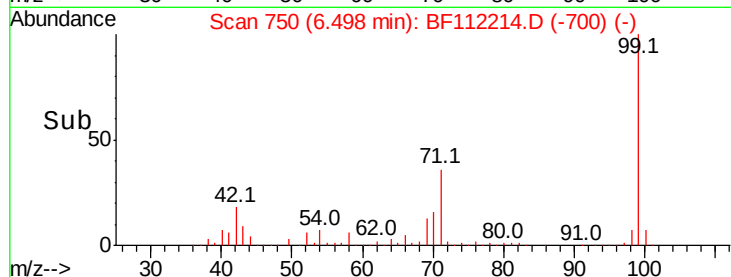
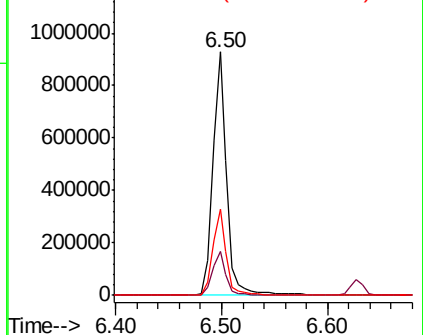
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		860704		
42	17.9	15.1	22.7		
71	35.5	26.9	40.3		

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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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

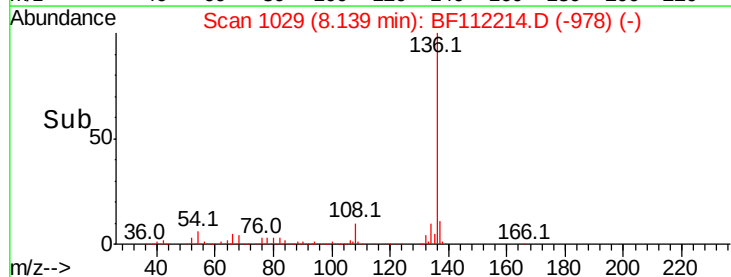
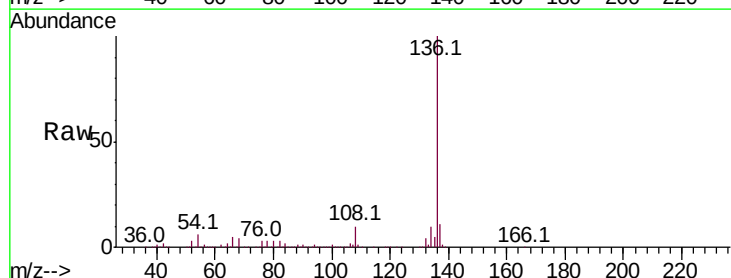
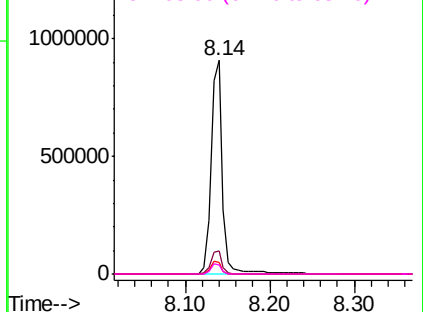
Delta R.T. 0.00 min

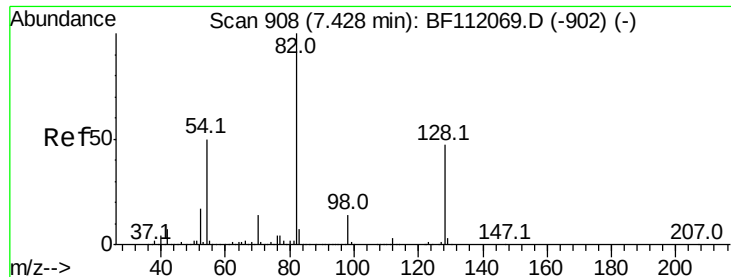
Lab File: BF112214.D

Acq: 24 Jan 2019 17:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		861130		
137	10.9	9.1	13.7		
54	5.7	5.9	8.9#		
68	4.3	5.1	7.7#		

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





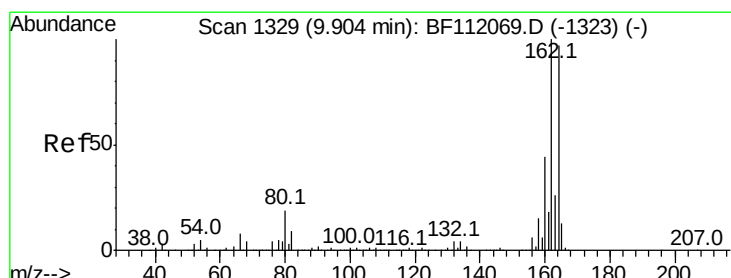
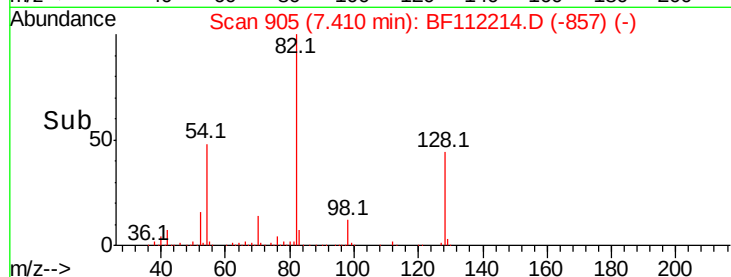
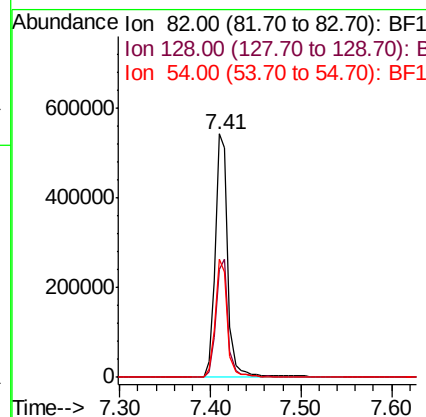
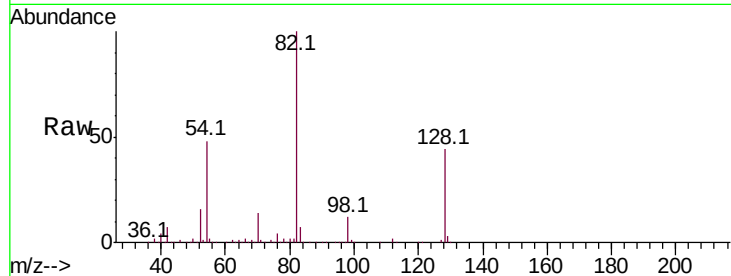
#23
Nitrobenzene-d5
Concen: 43.213 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Instrument :
BNA_F
ClientSampled :
TS-N

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.8	56.8
54	48.3	39.7	59.5

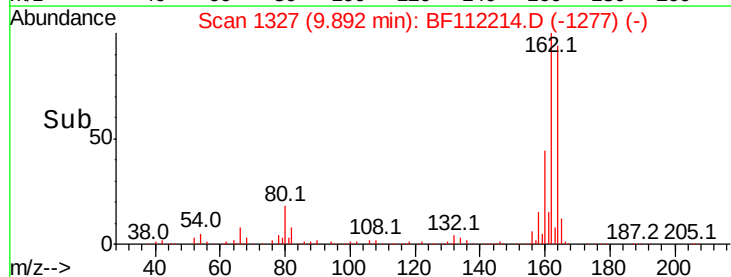
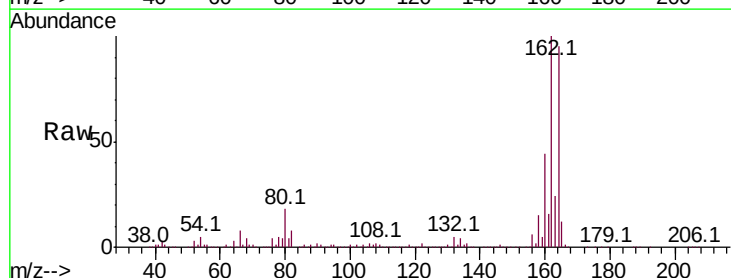
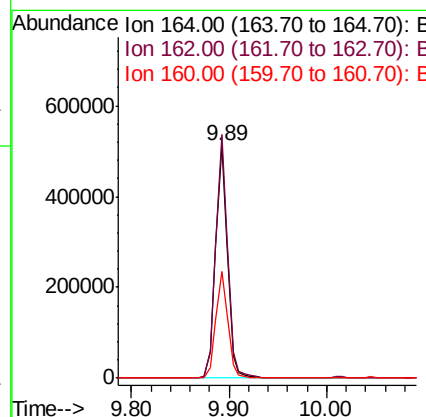
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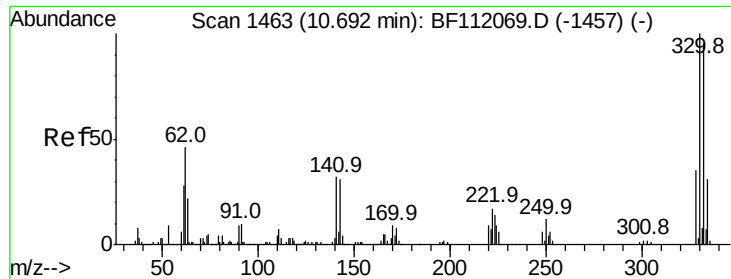
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	46.0	36.2	54.4





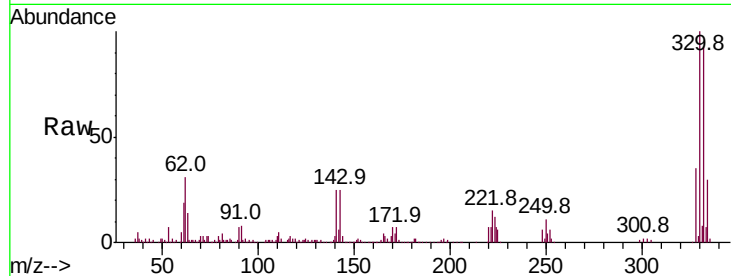
#42
 2,4,6-Tribromophenol
 Concen: 44.582 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112214.D
 Acq: 24 Jan 2019 17:42

Instrument :
 BNA_F
 ClientSampled :
 TS-N

Tot Ion	Ratio	Resp	Lower	Upper
330	100	211910		
332	94.2	76.6	114.8	
141	31.7	24.3	36.5	

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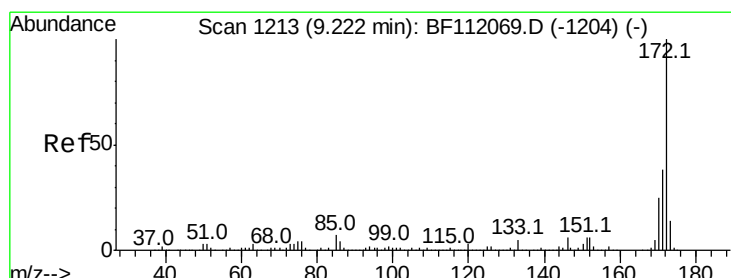
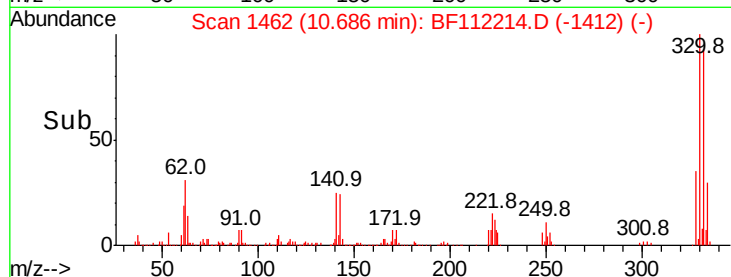
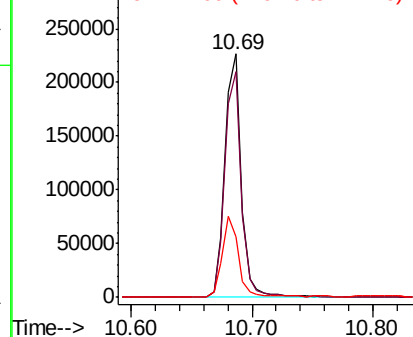


Abundance

Ion 329.80 (329.50 to 330.50): E

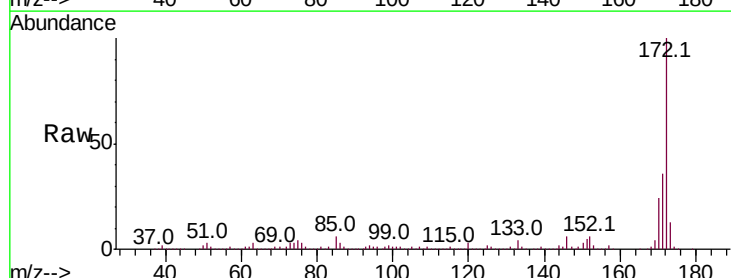
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 32.635 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112214.D
 Acq: 24 Jan 2019 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	980786		
171	36.4	30.5	45.7	
170	24.0	20.2	30.4	

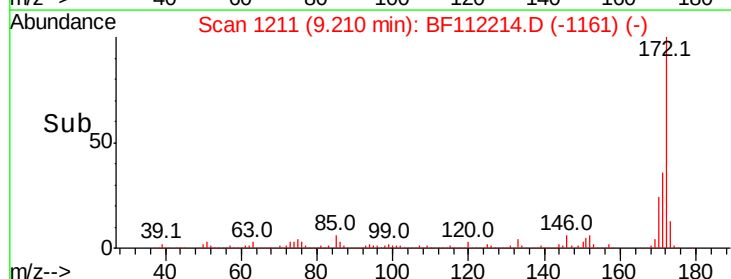
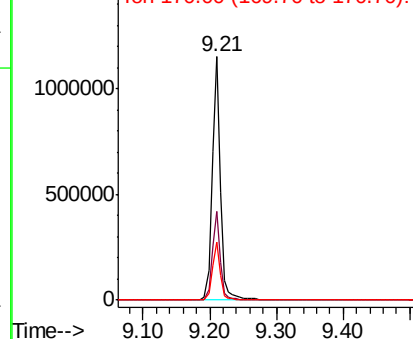


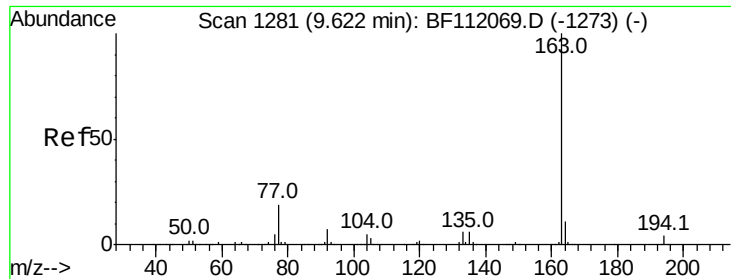
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





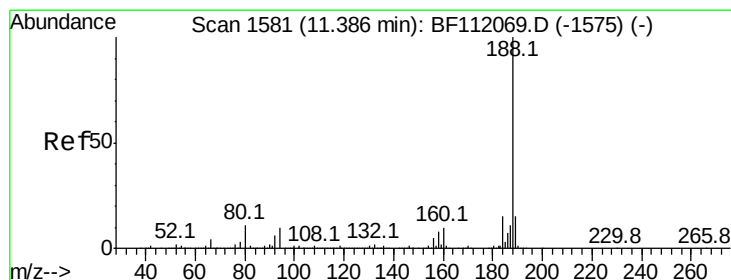
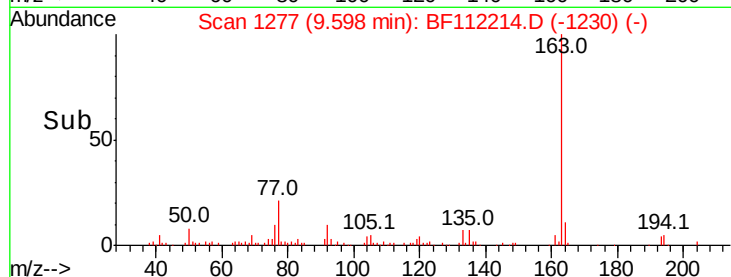
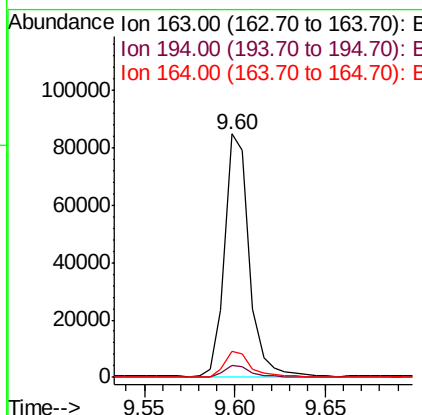
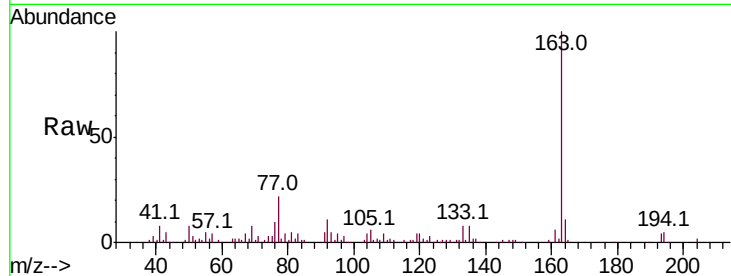
#50
Dimethylphthalate
Concen: 2.481 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Instrument :
BNA_F
ClientSampled :
TS-N

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.3	4.9#
164	10.6	8.5	12.7

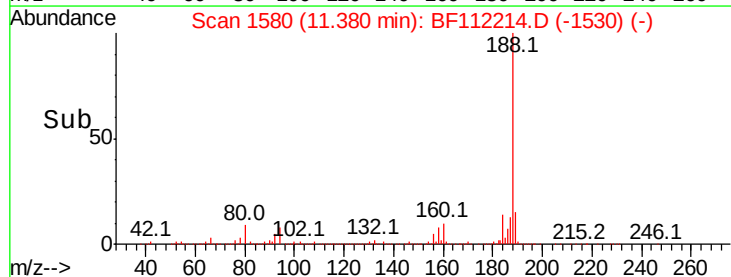
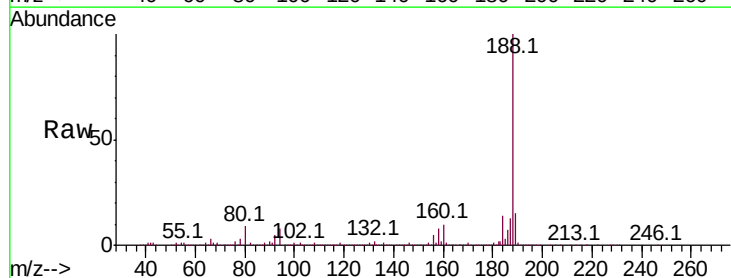
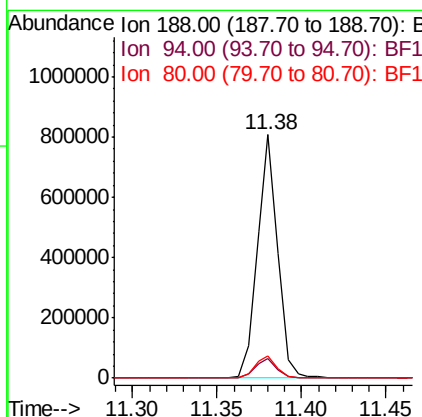
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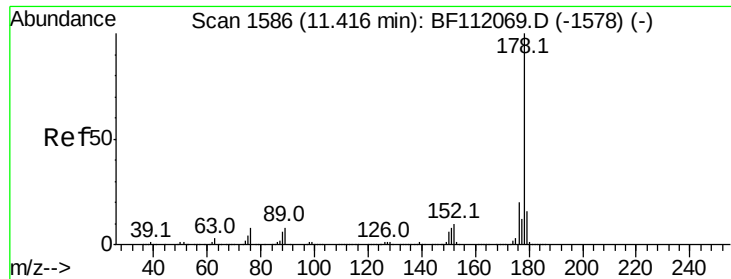
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.2	12.2#
80	9.3	8.9	13.3





#71

Phenanthrene

Concen: 8.446 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112214.D

Acq: 24 Jan 2019 17:42

Instrument :

BNA_F

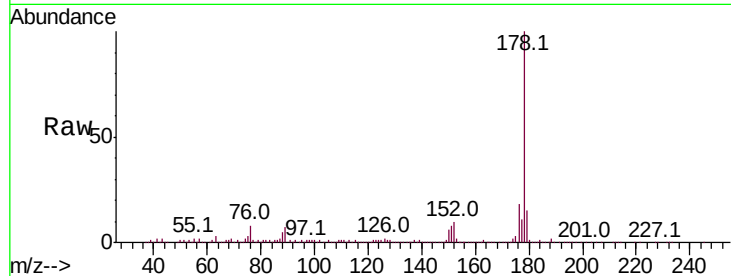
ClientSampled :

TS-N

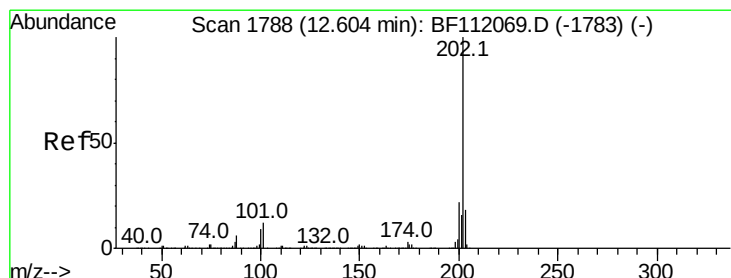
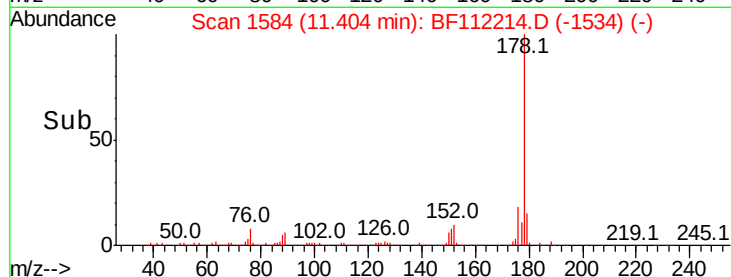
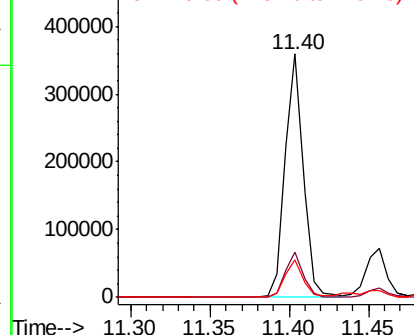
Tot Ion:	178	Resp:	286724
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.3	24.5
179	15.4	13.0	19.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 15.686 ng

RT: 12.60 min Scan# 1787

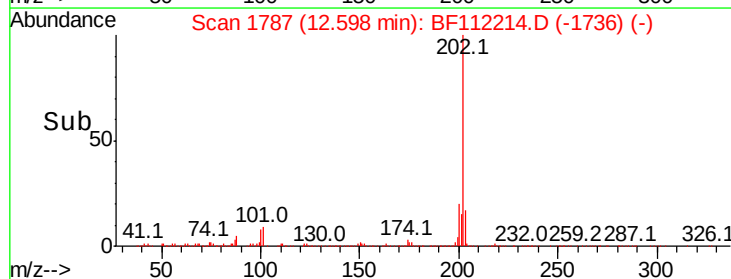
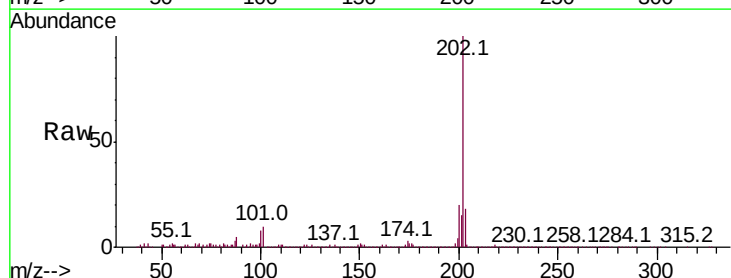
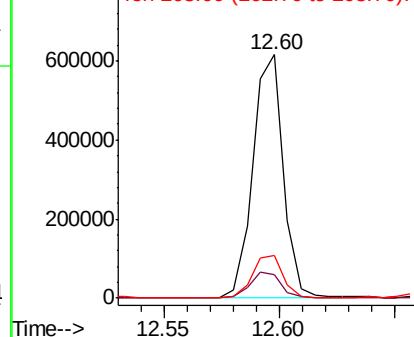
Delta R.T. 0.00 min

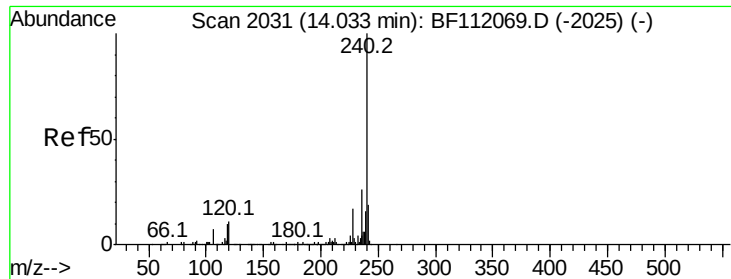
Lab File: BF112214.D

Acq: 24 Jan 2019 17:42

Tgt Ion:	202	Resp:	562221
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	31.8
203	17.6	0.0	38.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





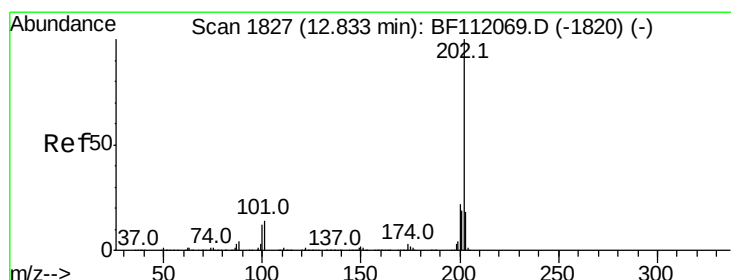
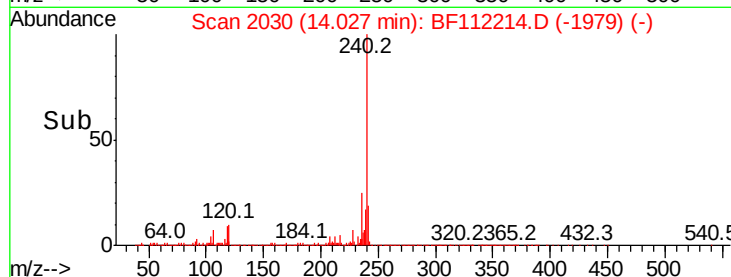
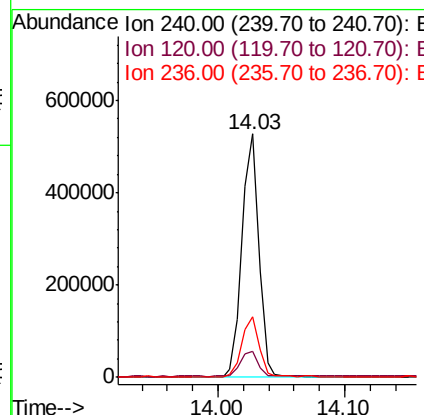
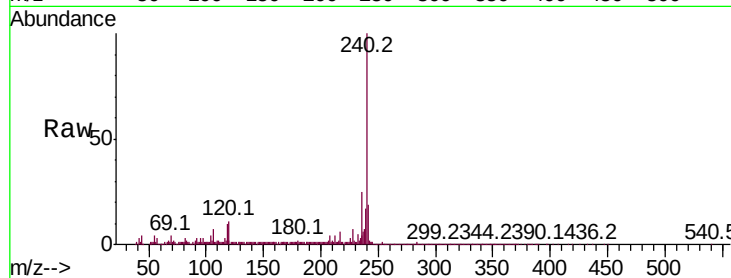
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Instrument :
BNA_F
ClientSampleId :
TS-N

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.6
236	25.0	20.7	31.1

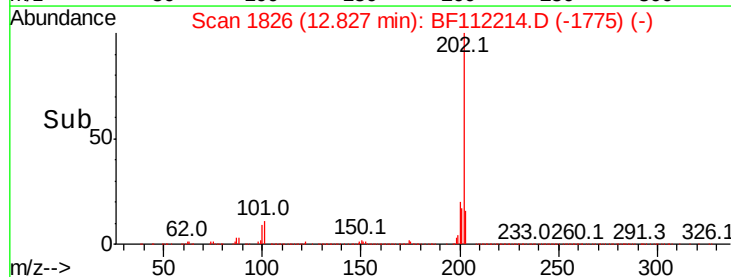
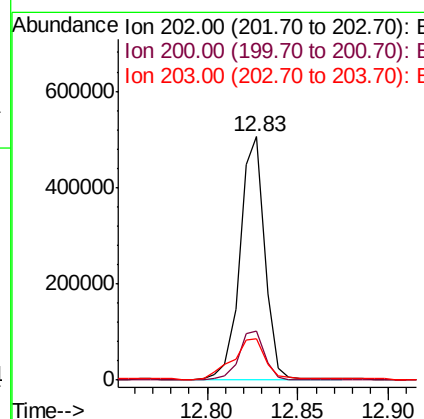
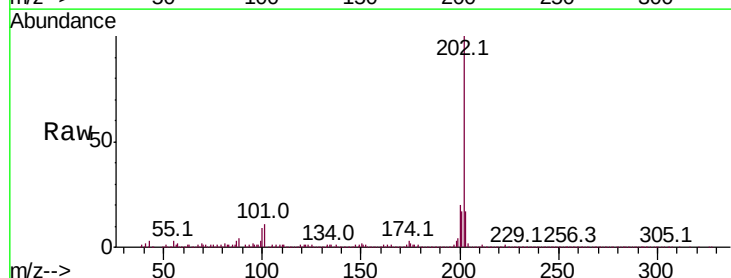
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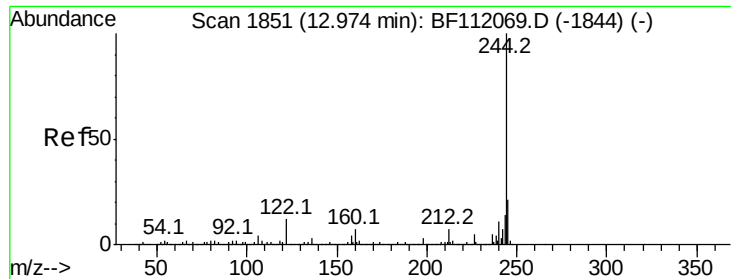
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1/25/2019 10:05:12 AM



#78
Pyrene
Concen: 15.202 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.7	26.5
203	16.9	14.6	22.0





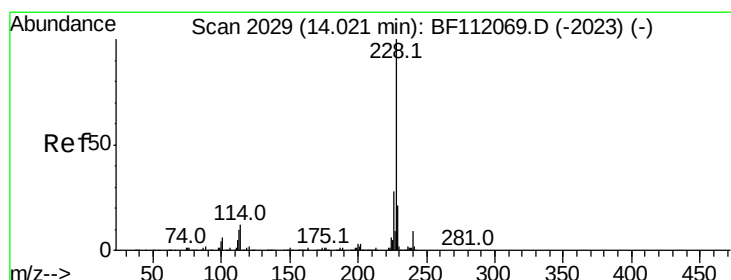
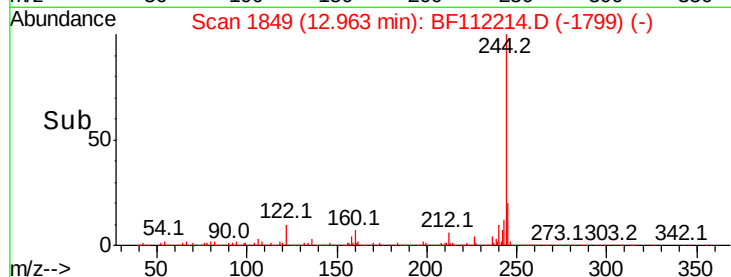
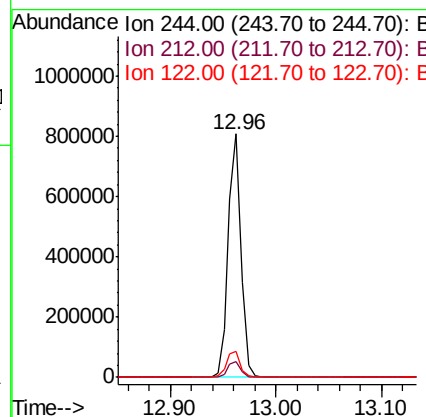
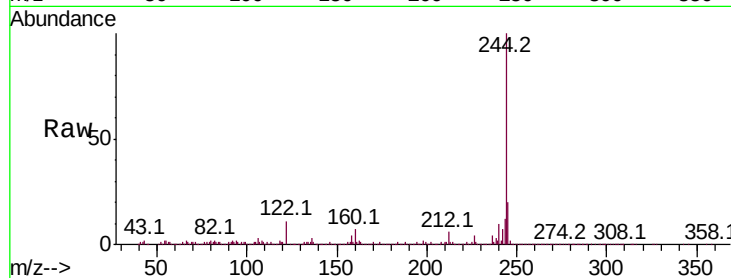
#79
 Terphenyl-d14
 Concen: 30.555 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112214.D
 Acq: 24 Jan 2019 17:42

Instrument :
 BNA_F
 ClientSampled :
 TS-N

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	10.6	9.8	14.6

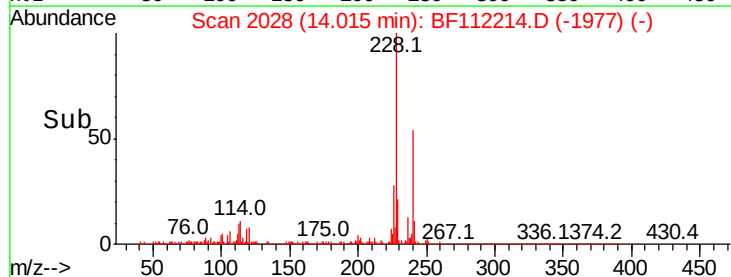
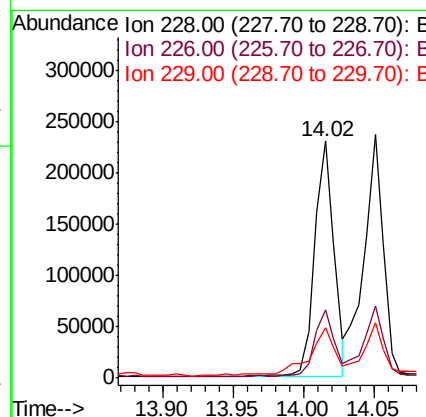
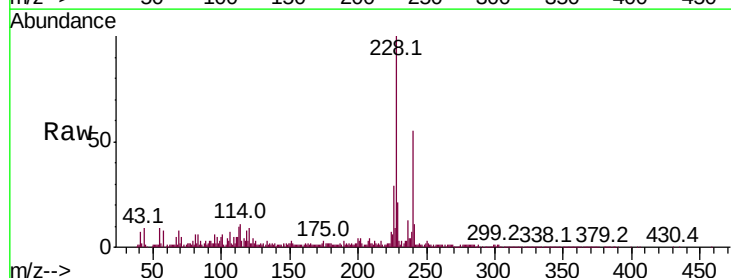
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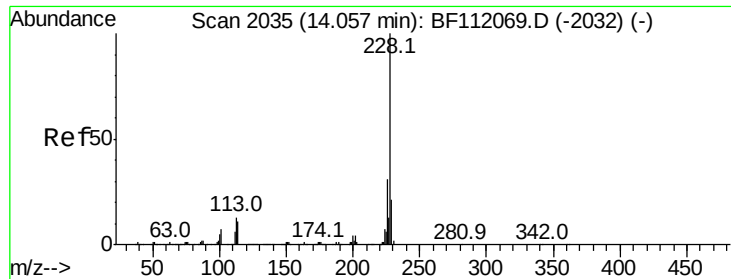
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#81
 Benzo(a)anthracene
 Concen: 8.013 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF112214.D
 Acq: 24 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.4	16.5	24.7





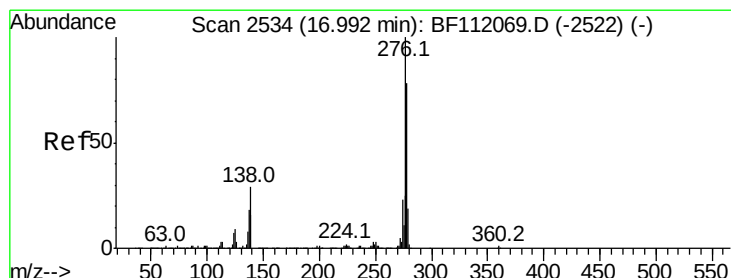
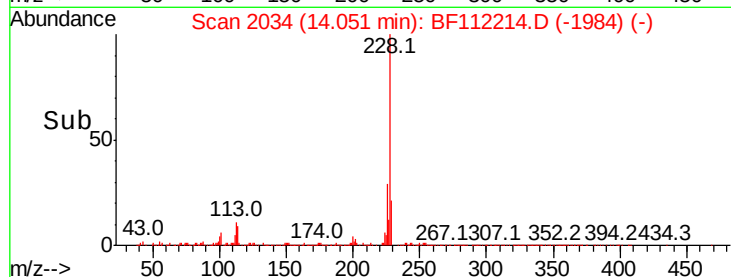
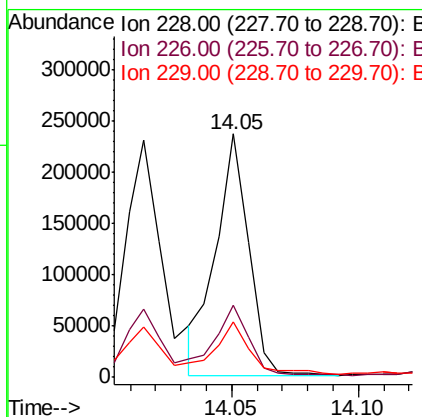
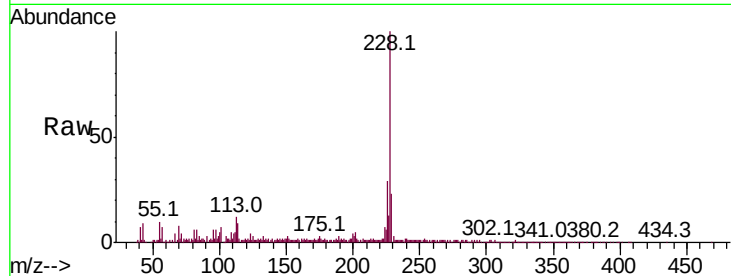
#83
Chrysene
Concen: 8.239 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Instrument :
BNA_F
ClientSampleId :
TS-N

Tot Ion:	228	Resp:	213390
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.0	37.6
229	22.7	16.6	24.8

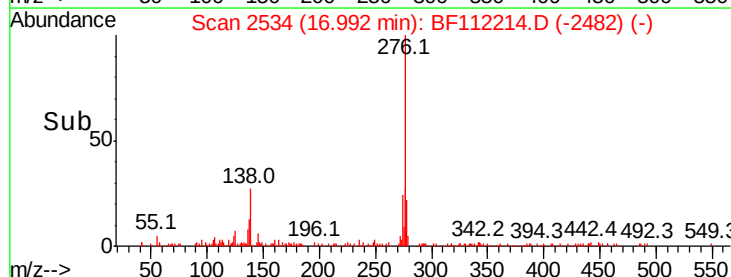
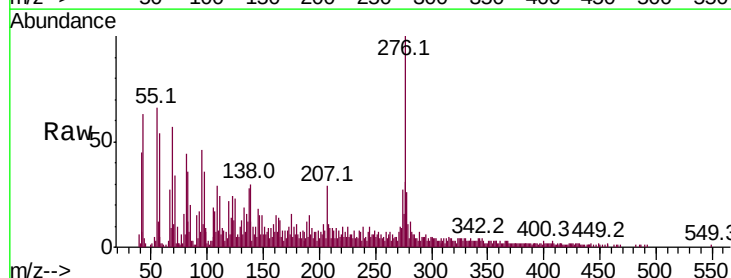
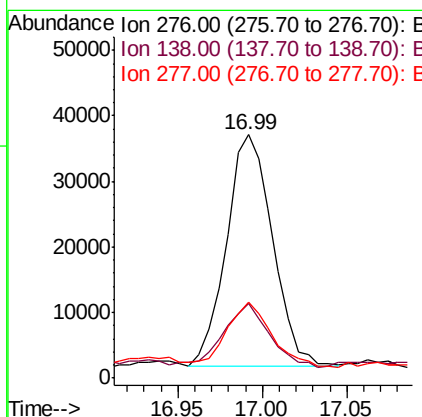
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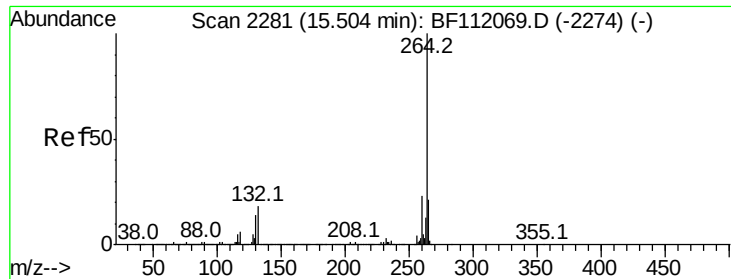
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.800 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Tgt Ion:	276	Resp:	66897
Ion Ratio	Lower	Upper	
276	100		
138	27.4	22.6	34.0
277	27.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF112214.D

Acq: 24 Jan 2019 17:42

Instrument :

BNA_F

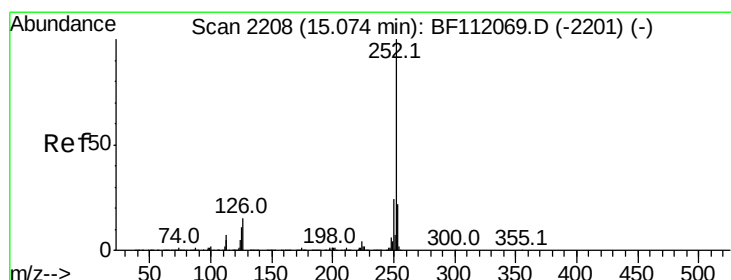
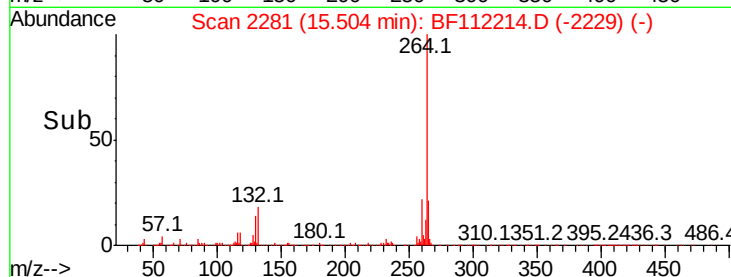
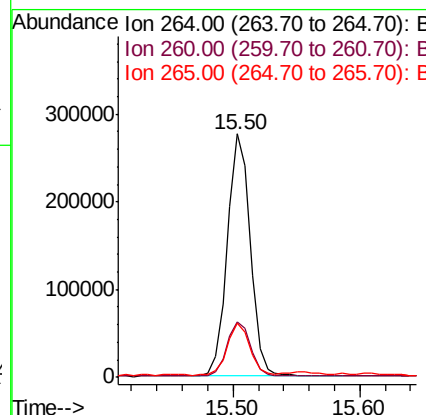
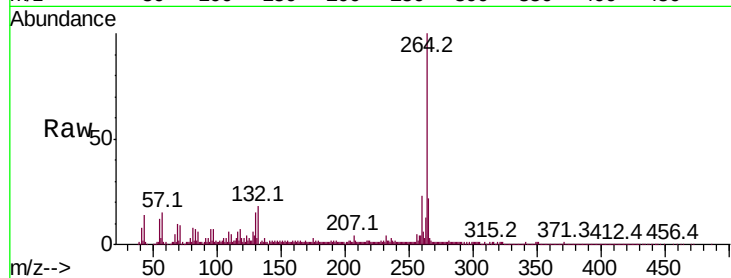
ClientSampled :

TS-N

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	22.1	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 9.976 ng m

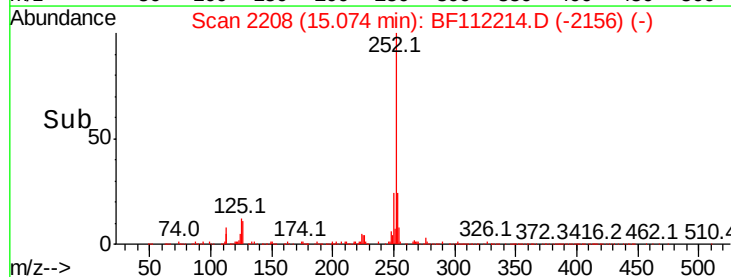
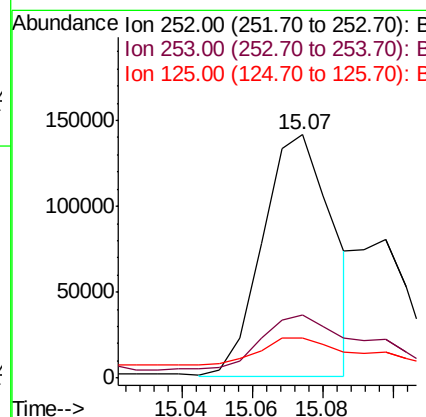
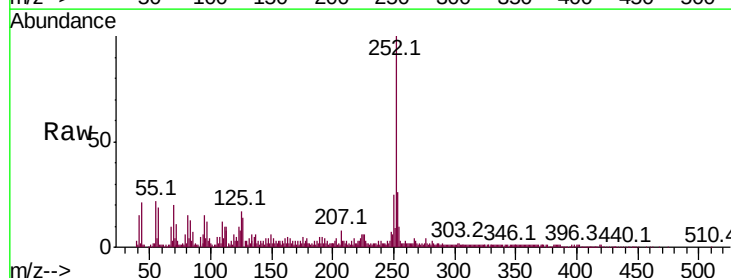
RT: 15.07 min Scan# 2208

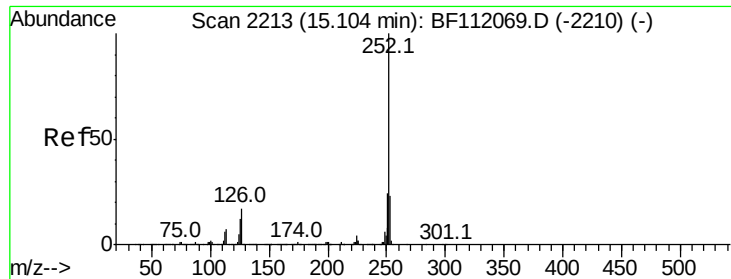
Delta R.T. 0.01 min

Lab File: BF112214.D

Acq: 24 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.0	27.0
125	16.5	8.7	13.1#





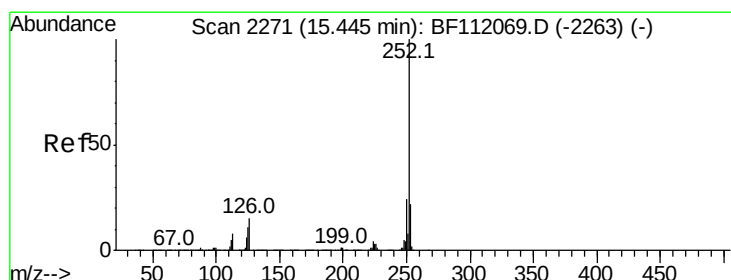
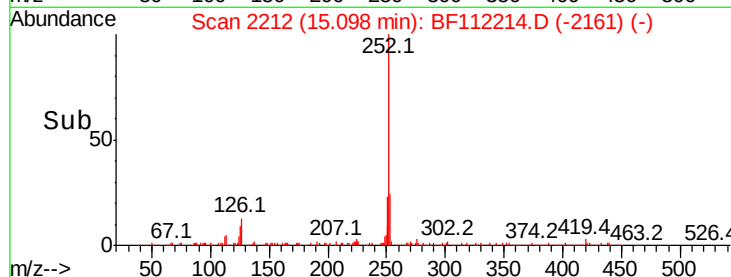
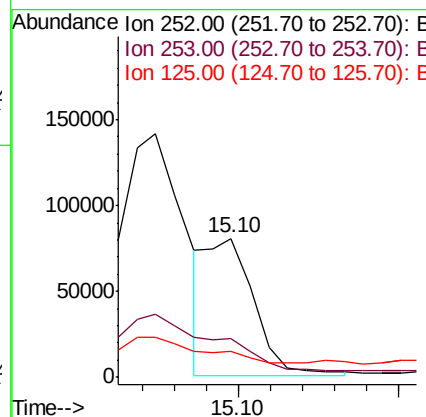
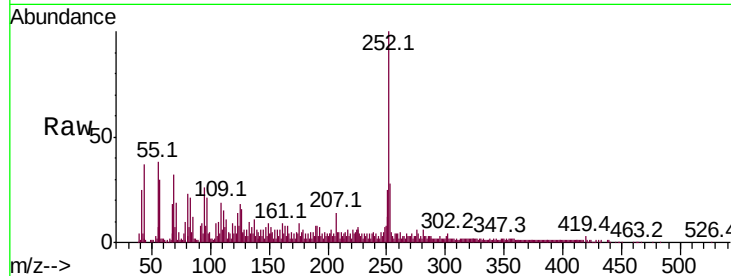
#89
Benzo(k)fluoranthene
Concen: 4.313 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Instrument :
BNA_F
ClientSampled :
TS-N

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.0	27.0#
125	18.3	9.1	13.7#

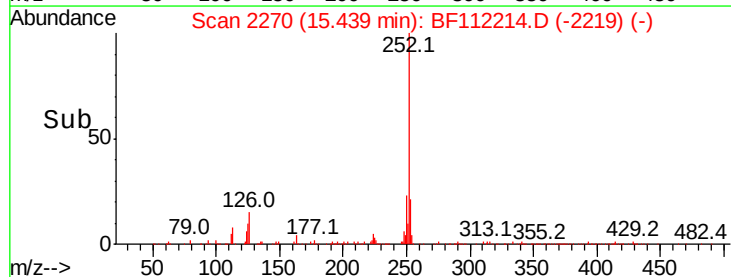
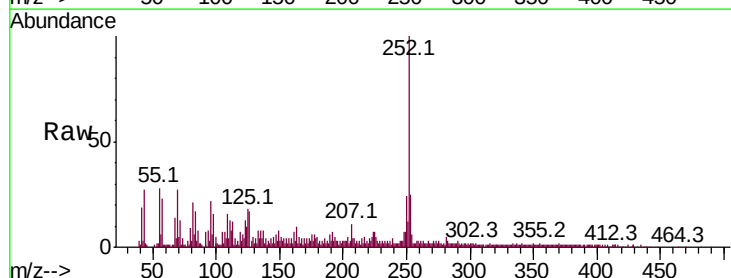
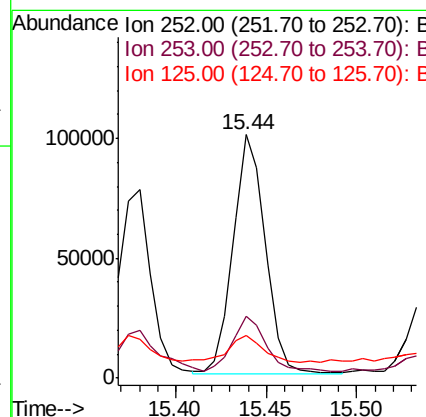
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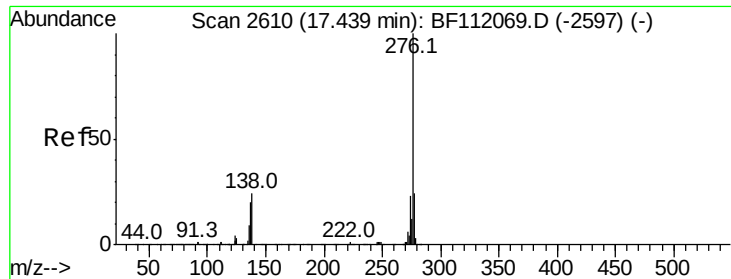
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#90
Benzo(a)pyrene
Concen: 6.833 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112214.D
Acq: 24 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.5	26.3
125	17.5	9.0	13.4#





#92
 Benzo(a,h,i)perylene
 Concen: 4.119 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF112214.D
 Acq: 24 Jan 2019 17:42

Instrument :
 BNA_F
 ClientSampleId :
 TS-N

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.5	19.4	29.0#
138	27.1	19.1	28.7

Manual Integrations
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