

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112213.D
 Acq On : 24 Jan 2019 17:14
 Operator : JU/SJ
 Sample : K1223-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-M

Manual Integrations
 APPROVED

Sohil
 1/25/2019 10:05:09 AM

Quant Time: Jan 25 00:23:03 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	229253	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	893067	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	362699	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	625410	20.00	ng	0.00
76) Chrysene-d12	14.02	240	476903	20.00	ng	0.00
87) Perylene-d12	15.50	264	352245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	619068	49.01	ng	0.00
7) Phenol-d6	6.50	99	777852	49.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	502054	38.84	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	190663	48.73	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	843192	34.08	ng	0.00
79) Terphenyl-d14	12.96	244	602186	26.86	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	63903	2.416	ng	97
71) Phenanthrene	11.40	178	170551	5.419	ng	98
75) Fluoranthene	12.59	202	244088	7.345	ng	97
78) Pyrene	12.82	202	215979	6.864	ng	98
81) Benzo(a)anthracene	14.02	228	104463	3.820	ng	95
83) Chrysene	14.05	228	102475	3.961	ng	97
88) Benzo(b)fluoranthene	15.07	252	100842m	5.043	ng	
90) Benzo(a)pyrene	15.44	252	65793	3.588	ng	# 81
92) Benzo(g,h,i)perylene	17.44	276	35927	2.239	ng	# 87

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

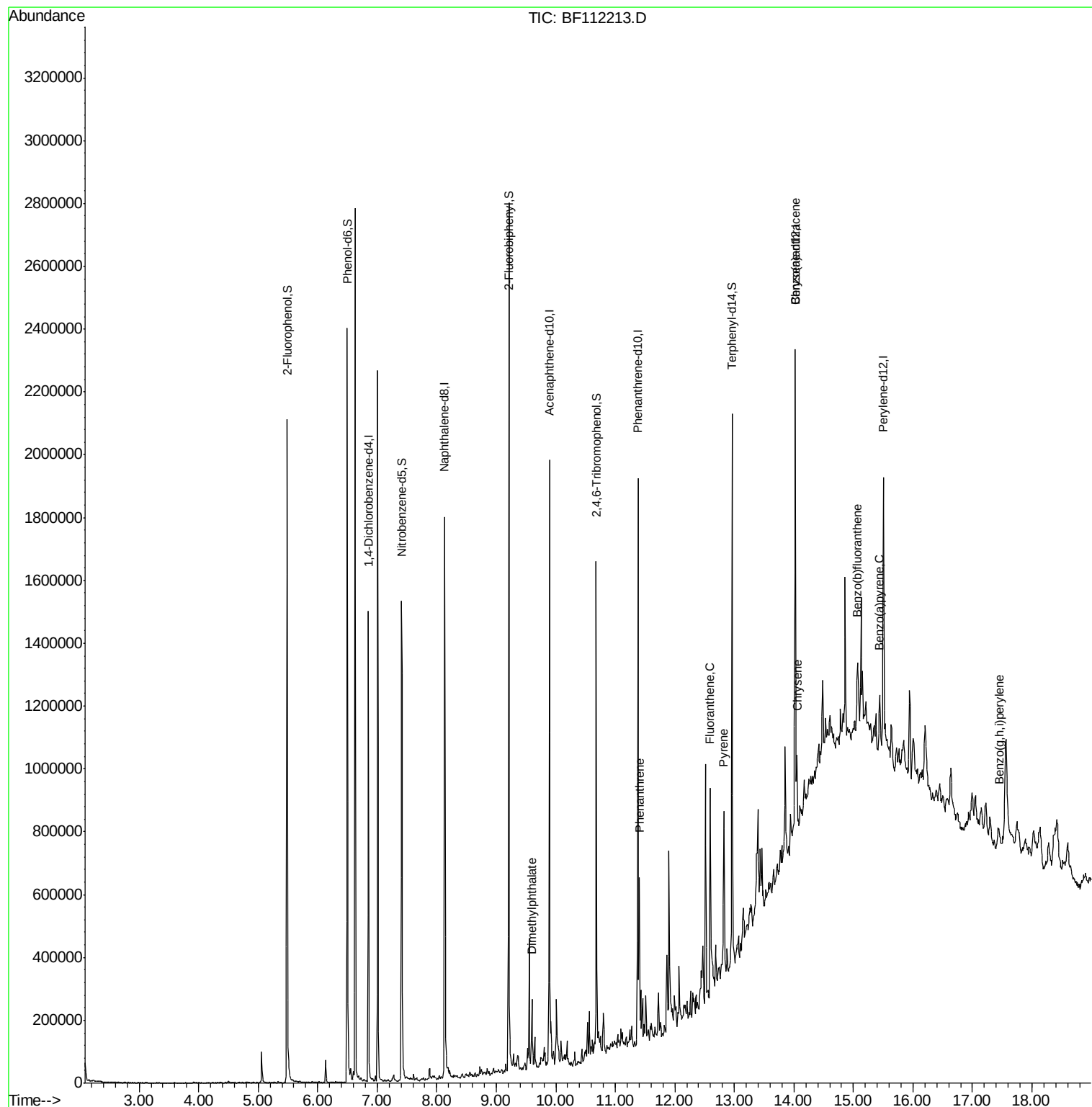
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112213.D
Acq On : 24 Jan 2019 17:14
Operator : JU/SJ
Sample : K1223-01 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

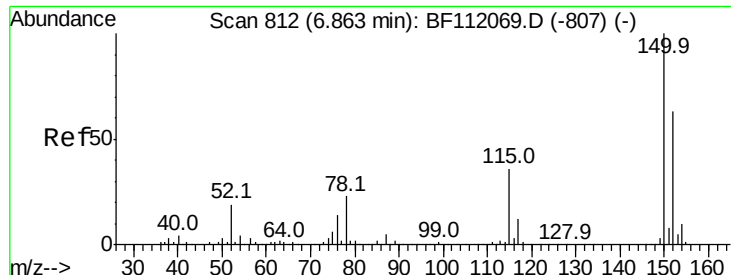
Instrument :
BNA_F
ClientSampled :
TS-M

Manual Integrations
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Quant Time: Jan 25 00:23:03 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





#1

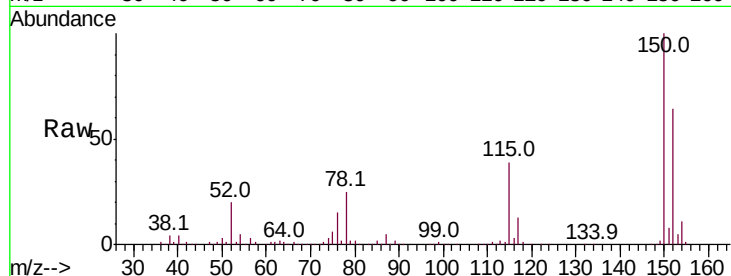
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112213.D
 Acq: 24 Jan 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 TS-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	127.4	191.0
115	61.9	45.5	68.3

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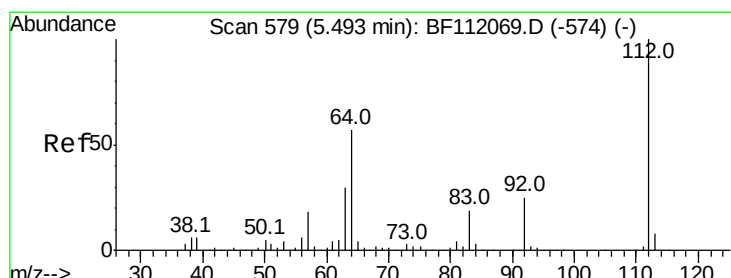
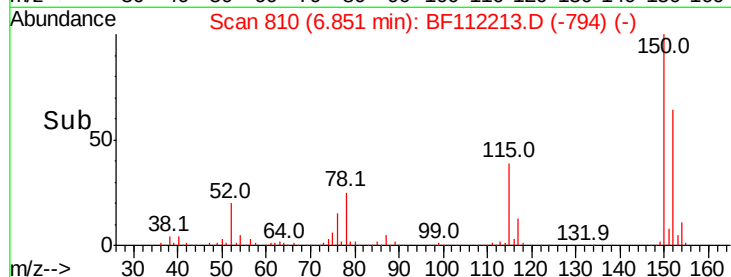
Abundance

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

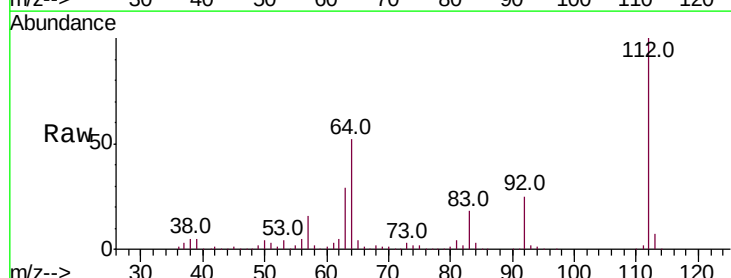
Time-->



#5

2-Fluorophenol
 Concen: 49.013 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF112213.D
 Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	45.7	68.5
63	28.5	23.6	35.4



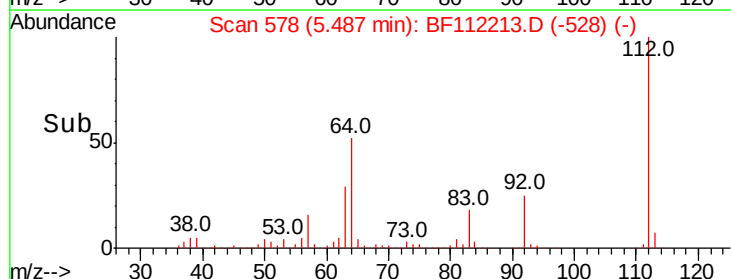
Abundance

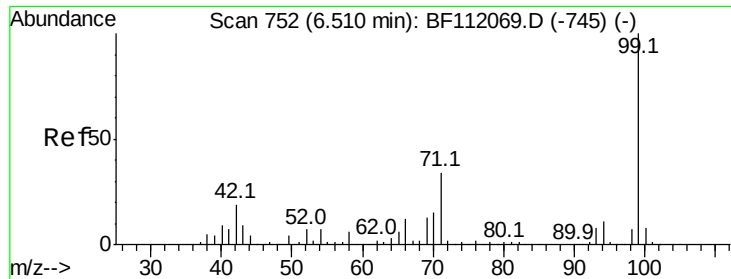
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 49.222 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112213.D

Acq: 24 Jan 2019 17:14

Instrument :

BNA_F

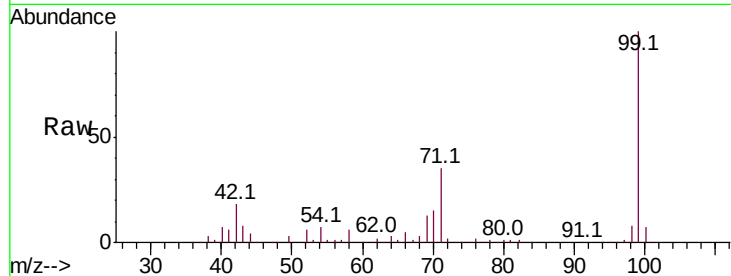
ClientSampled :

TS-M

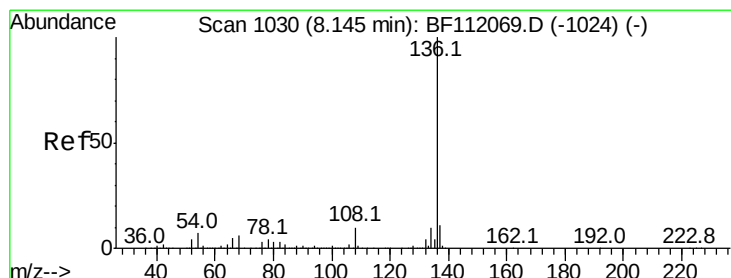
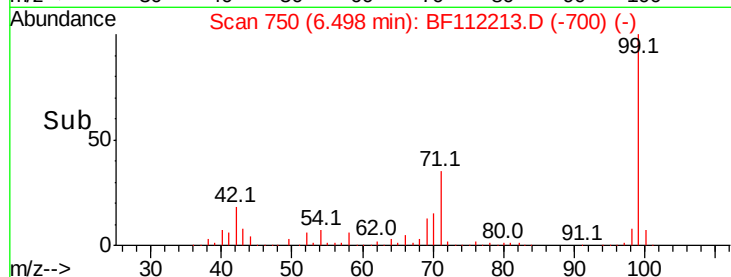
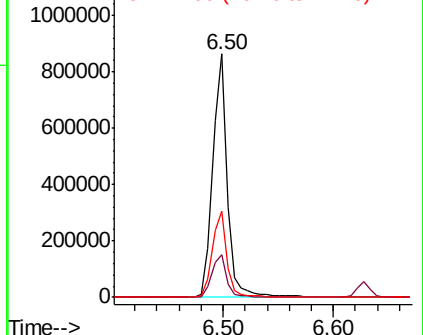
Tot Ion:	99	Resp:	777852
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.1	22.7
71	35.4	26.9	40.3

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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: 8.13 min Scan# 1028

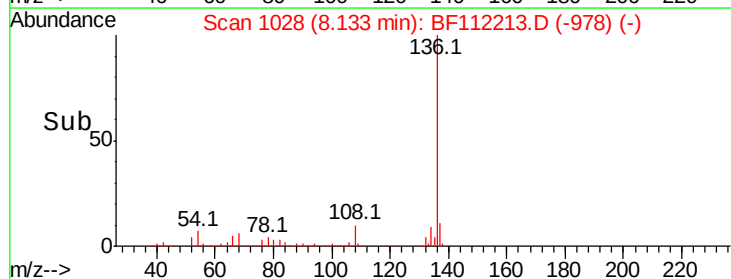
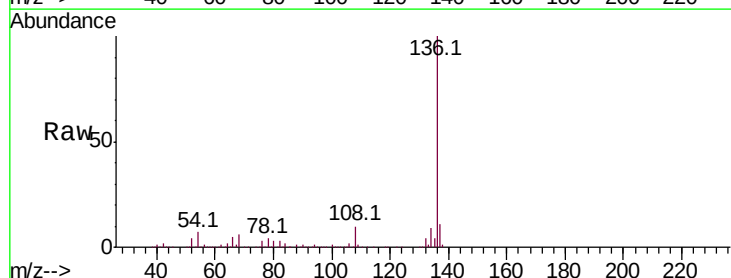
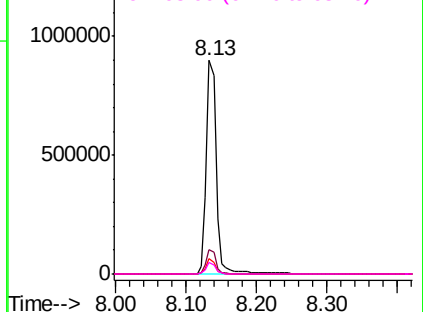
Delta R.T. -0.01 min

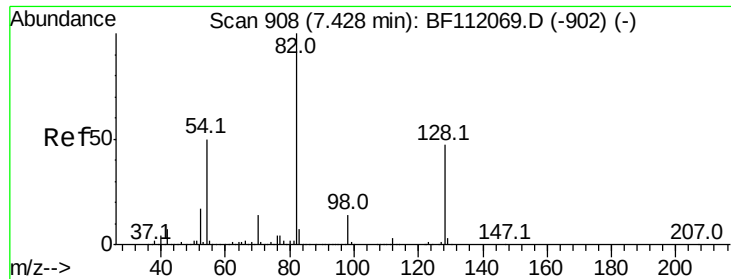
Lab File: BF112213.D

Acq: 24 Jan 2019 17:14

Tgt Ion:	136	Resp:	893067
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.9	5.9	8.9
68	5.5	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





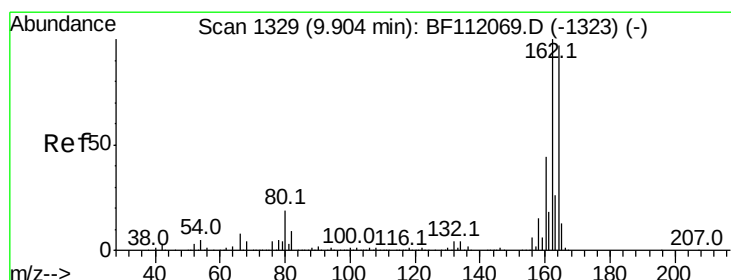
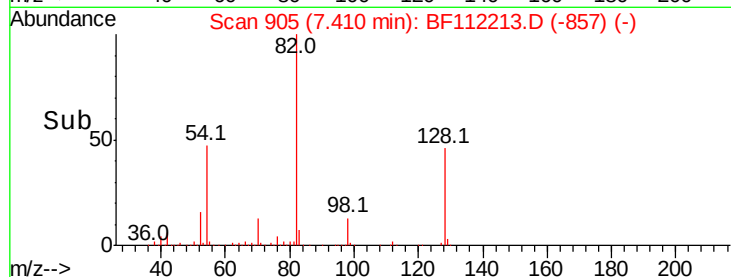
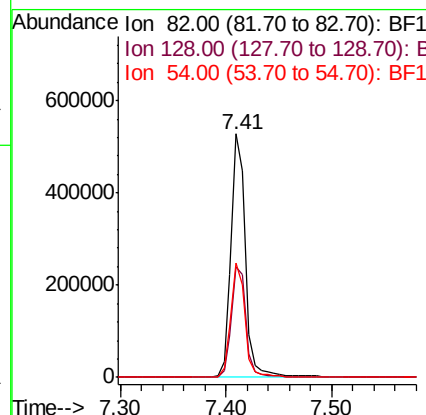
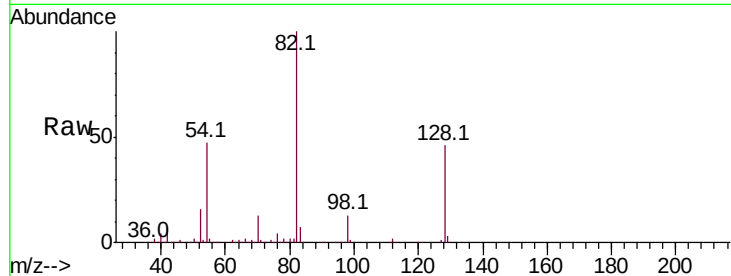
#23
Nitrobenzene-d5
Concen: 38.840 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Instrument :
BNA_F
ClientSampled :
TS-M

Tot Ion	Ratio	Resp	Lower	Upper
82	100	502054		
128	45.5		37.8	56.8
54	47.0		39.7	59.5

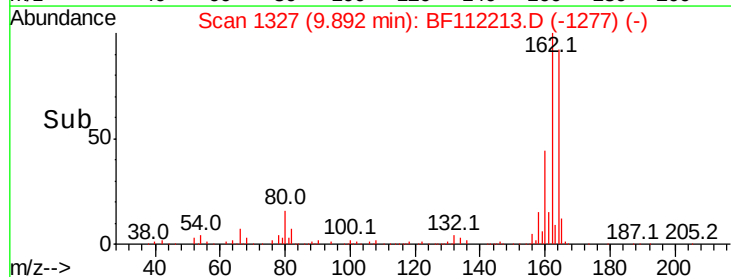
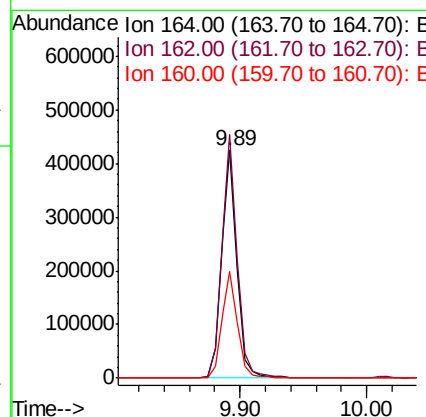
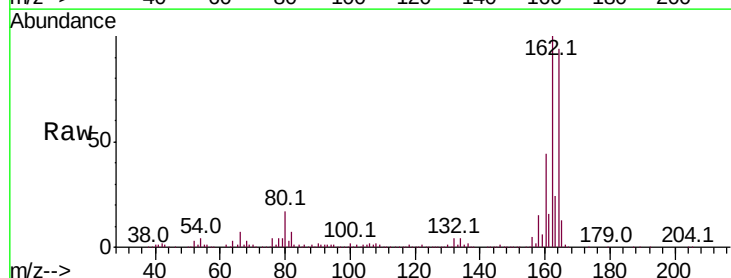
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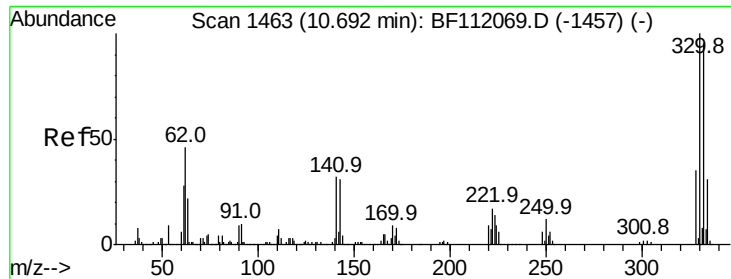
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	362699		
162	106.9		82.2	123.4
160	46.7		36.2	54.4





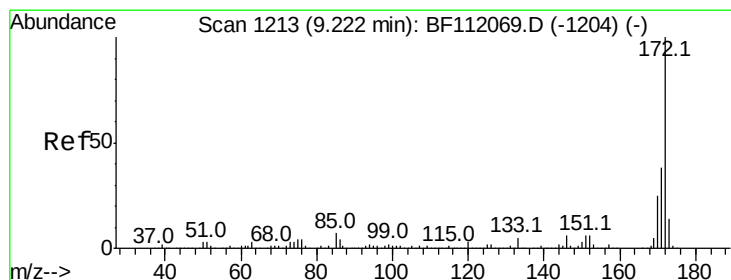
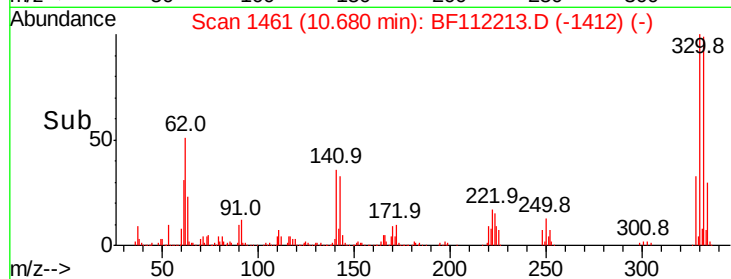
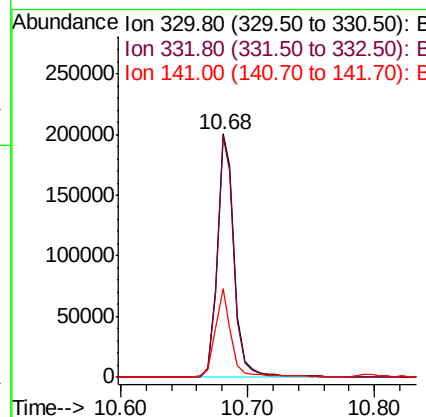
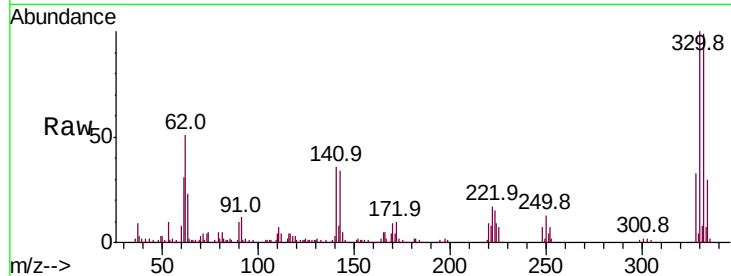
#42
 2,4,6-Tribromophenol
 Concen: 48.729 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112213.D
 Acq: 24 Jan 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 TS-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	33.2	24.3	36.5

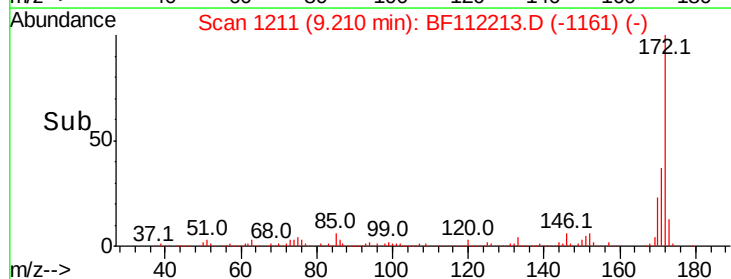
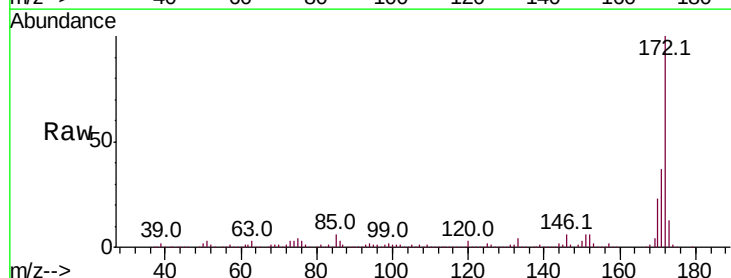
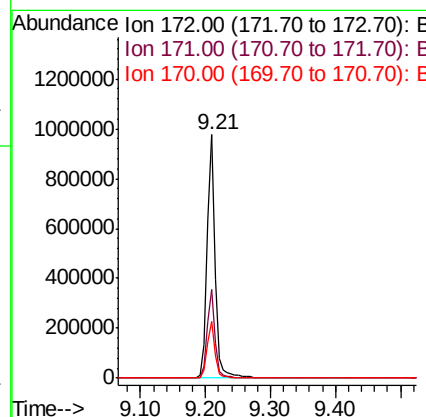
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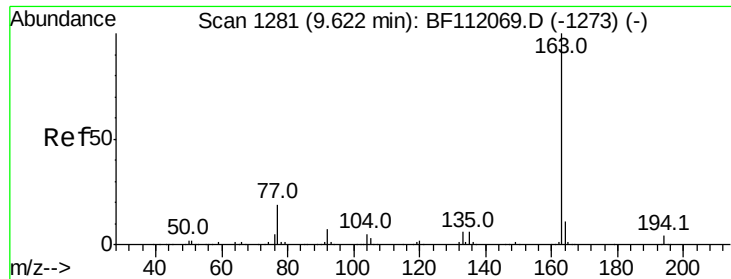
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#45
 2-Fluorobiphenyl
 Concen: 34.084 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112213.D
 Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.3	20.2	30.4





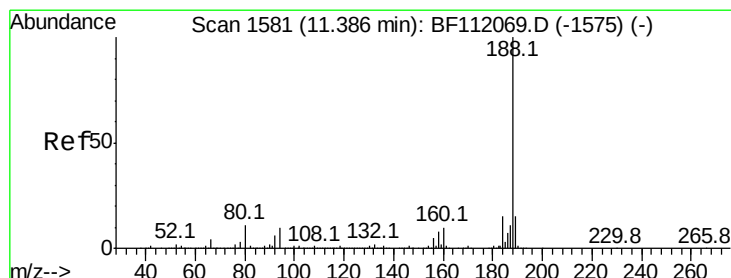
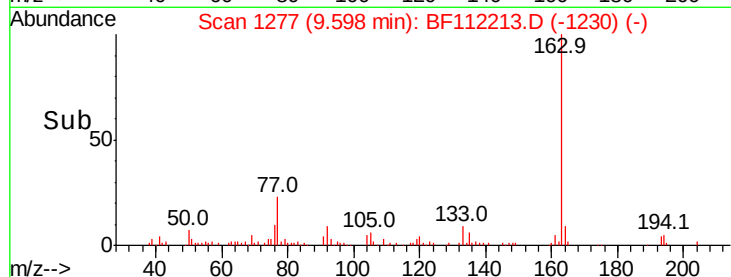
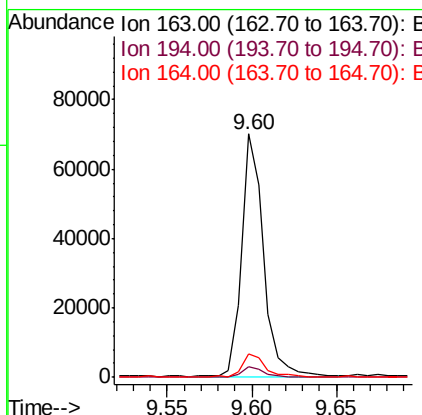
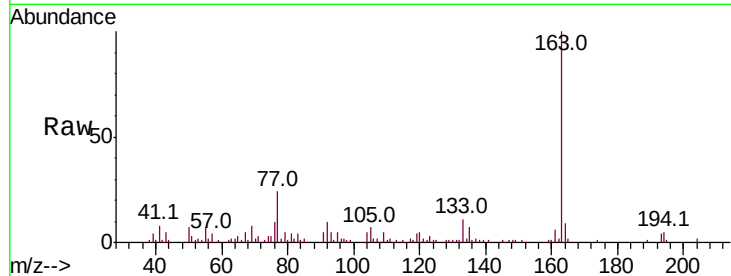
#50
Dimethylphthalate
Concen: 2.416 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Instrument :
BNA_F
ClientSampleId :
TS-M

Tot Ion:	163	Resp:	63903
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.3	4.9
164	9.5	8.5	12.7

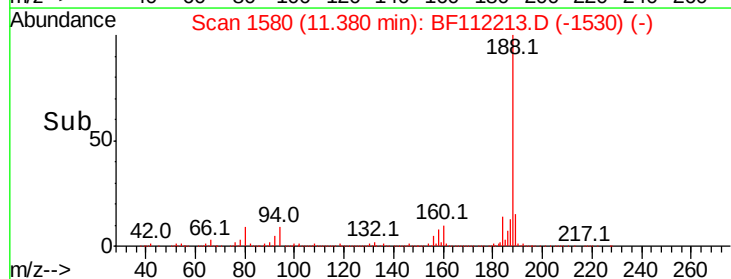
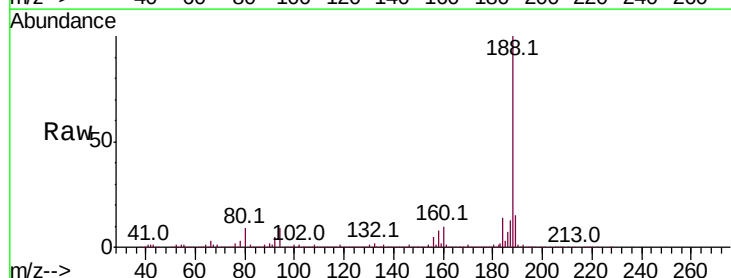
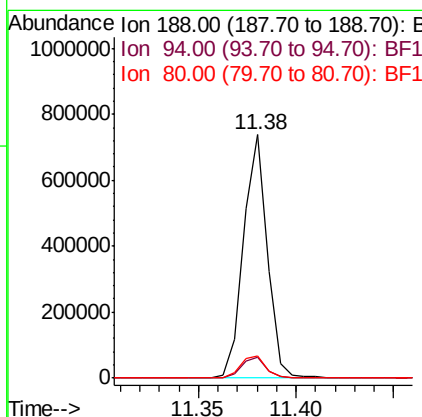
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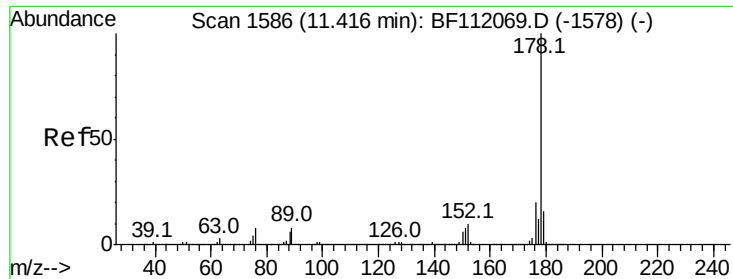
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Tgt Ion:	188	Resp:	625410
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.2	12.2
80	9.3	8.9	13.3





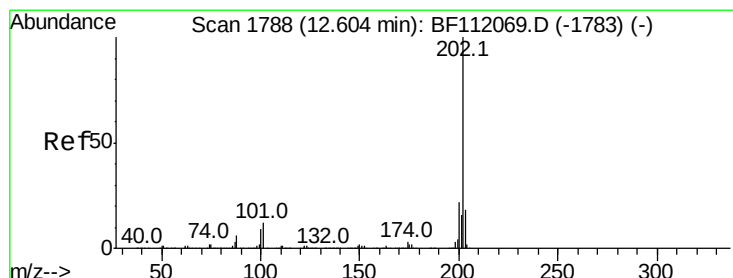
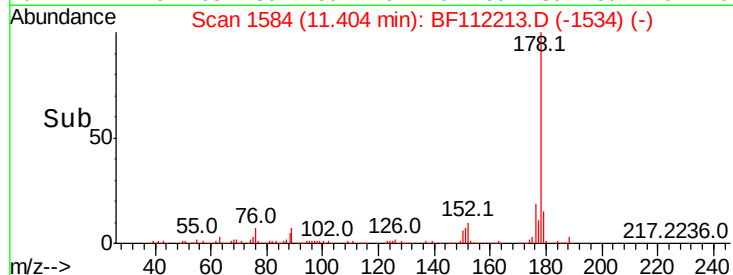
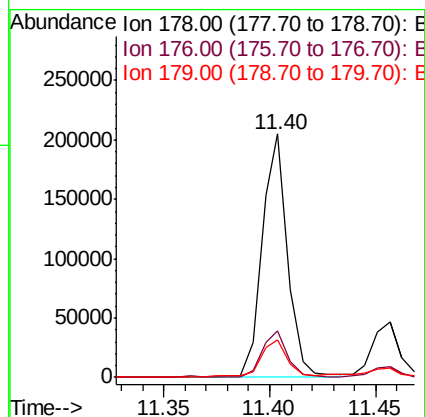
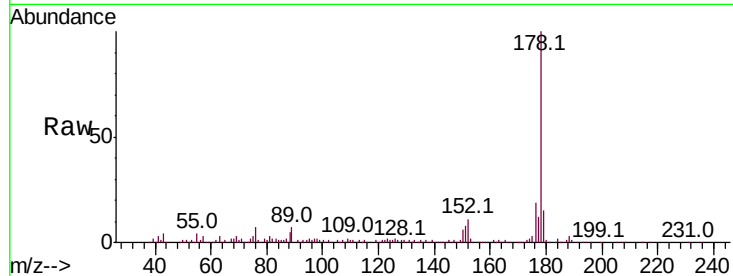
#71
Phenanthrene
Concen: 5.419 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Instrument :
BNA_F
ClientSampled :
TS-M

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.3	24.5
179	15.3	13.0	19.4

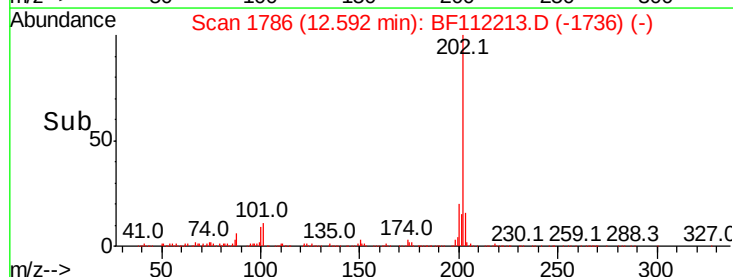
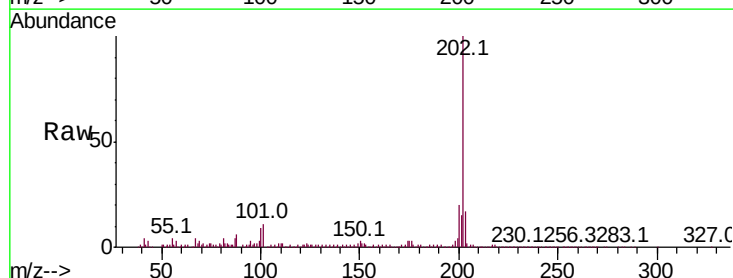
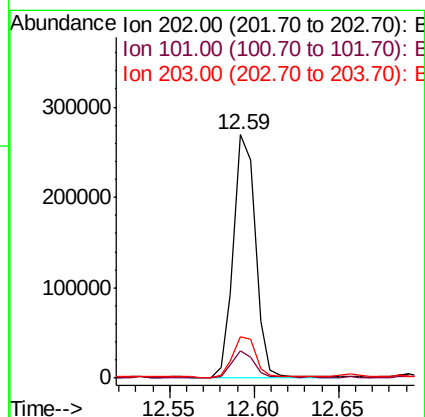
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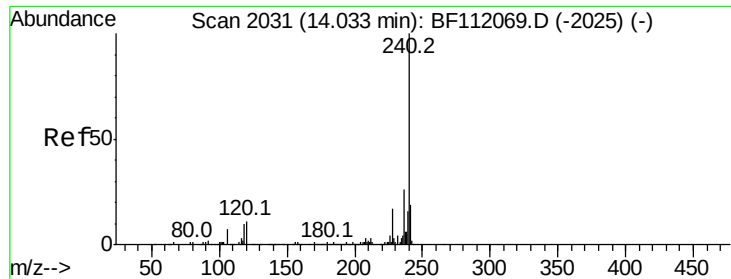
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#75
Fluoranthene
Concen: 7.345 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.8
203	16.8	0.0	38.4





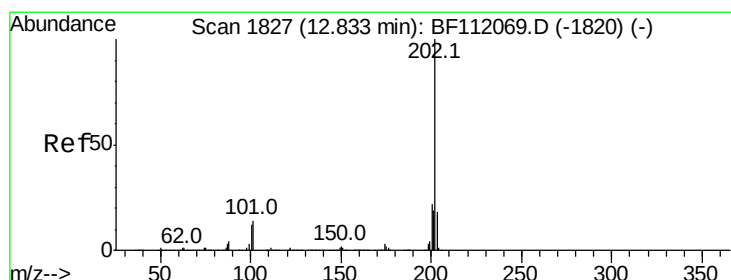
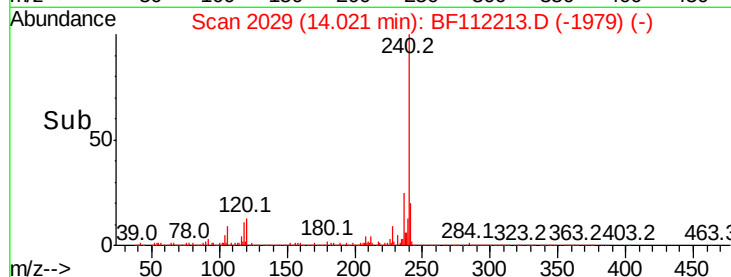
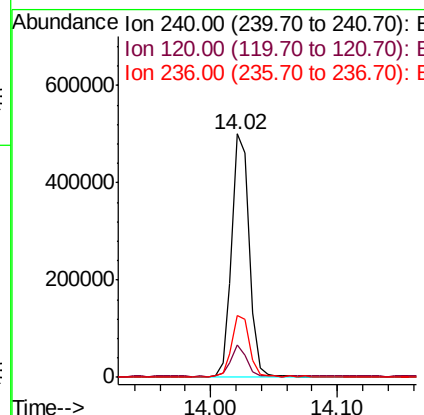
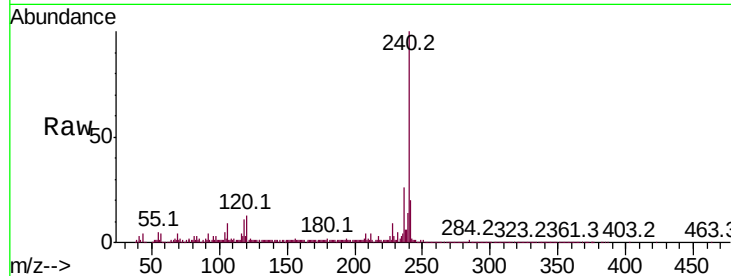
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Instrument :
BNA_F
ClientSampleId :
TS-M

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.1	9.0	13.6	
236	25.5	20.7	31.1	

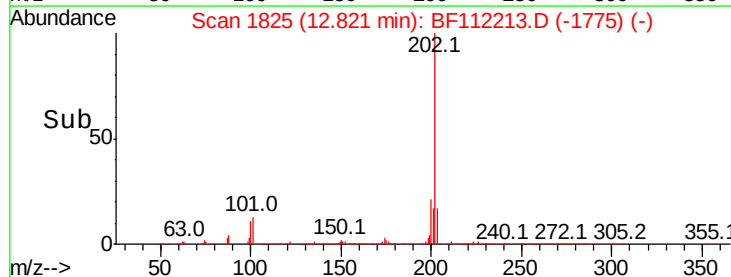
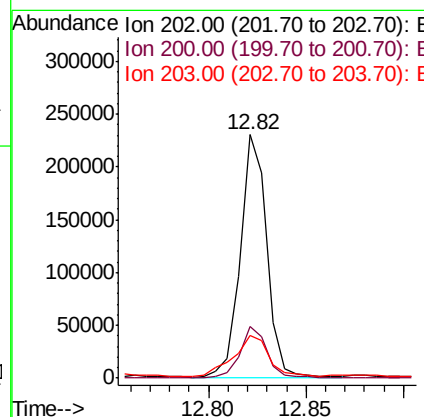
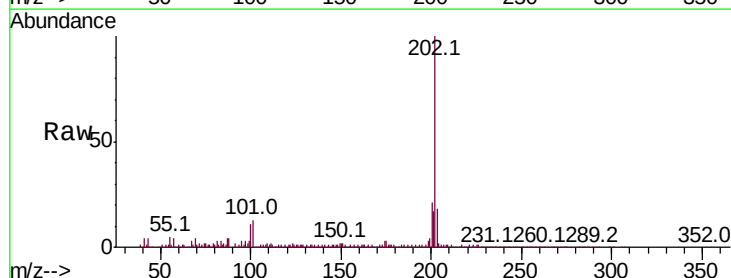
Manual Integrations
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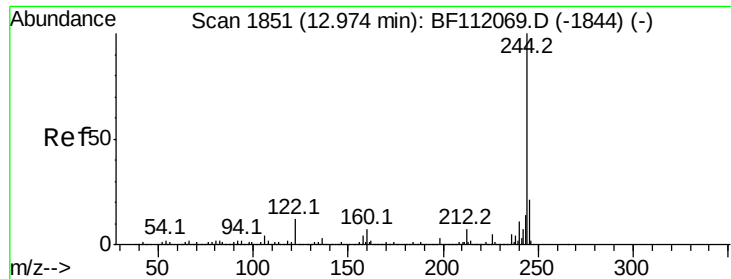
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#78
Pyrene
Concen: 6.864 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.7	26.5	
203	17.6	14.6	22.0	





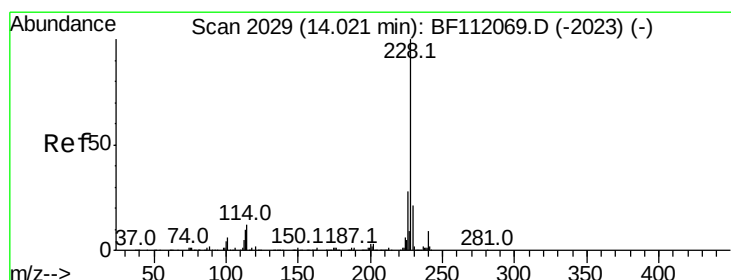
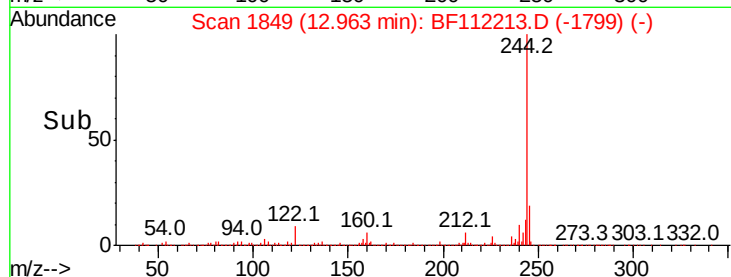
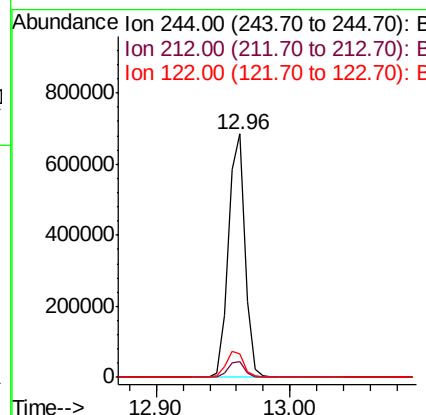
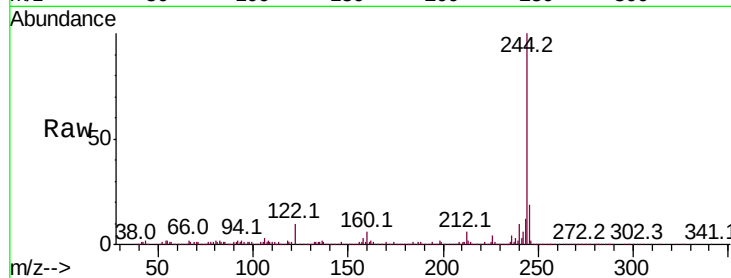
#79
 Terphenyl-d14
 Concen: 26.862 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112213.D
 Acq: 24 Jan 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 TS-M

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	9.6	9.8	14.6

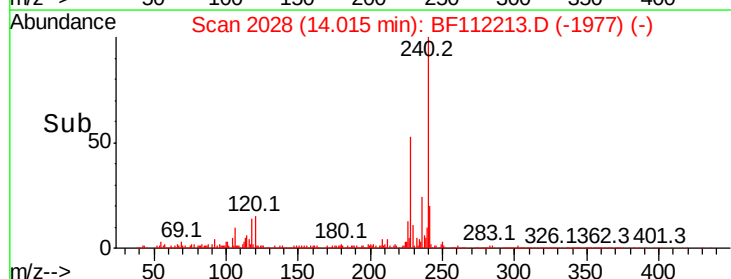
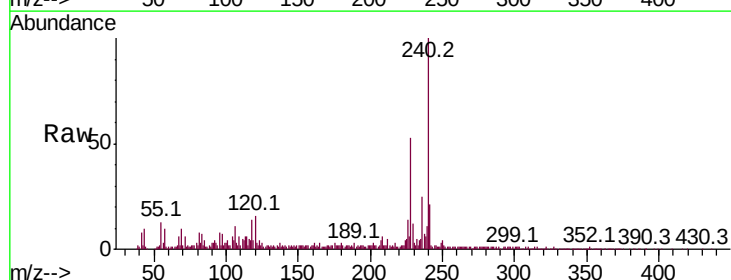
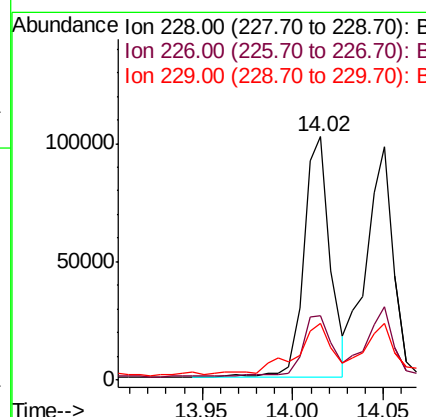
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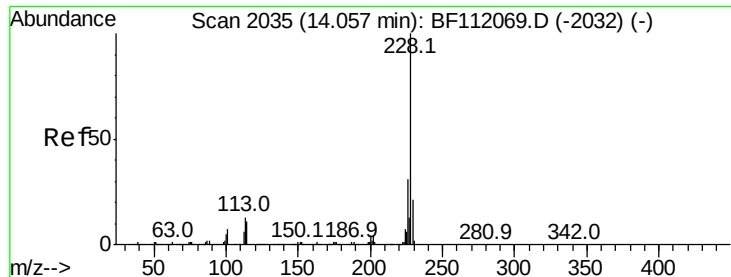
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 1/25/2019 10:05:09 AM



#81
 Benzo(a)anthracene
 Concen: 3.820 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF112213.D
 Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	34.0
229	23.3	16.5	24.7





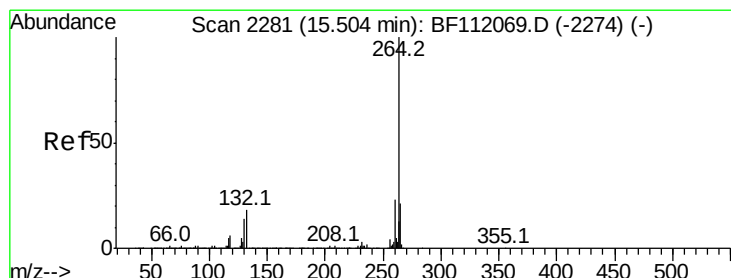
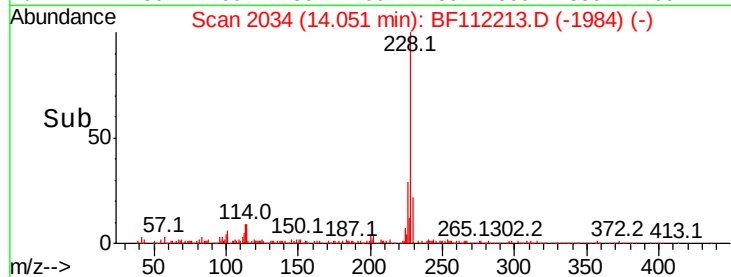
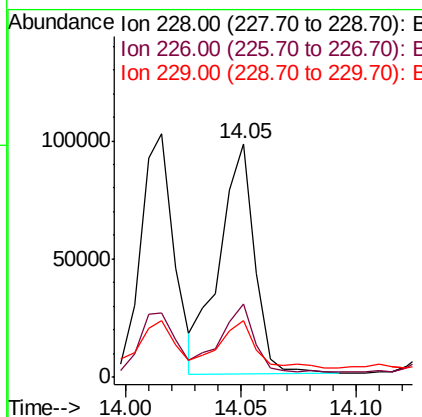
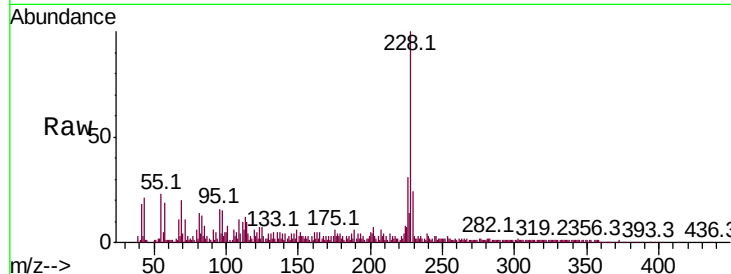
#83
Chrysene
Concen: 3.961 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Instrument :
BNA_F
ClientSampled :
TS-M

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	24.2	16.6	24.8

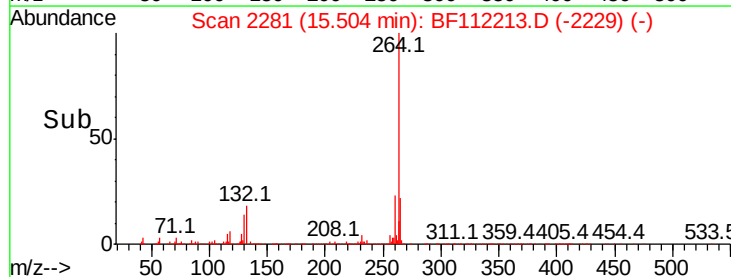
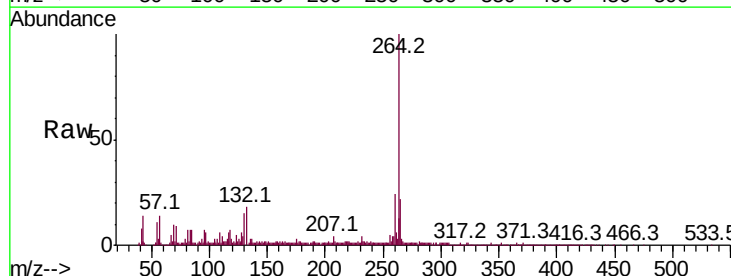
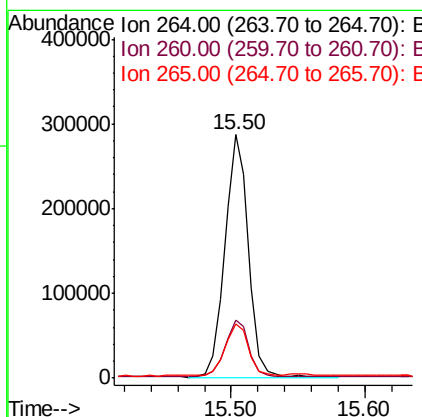
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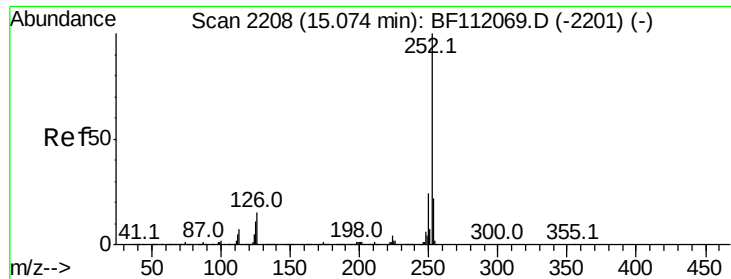
Sohil
1/25/2019 10:05:09 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.2	17.0	25.4





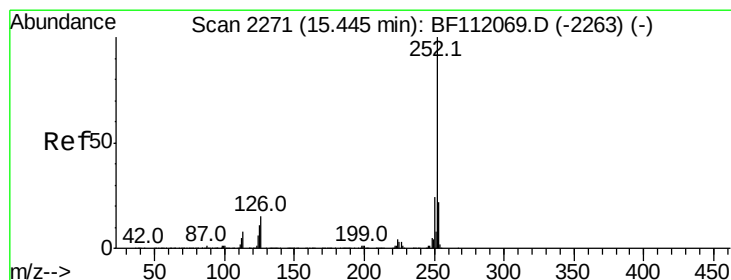
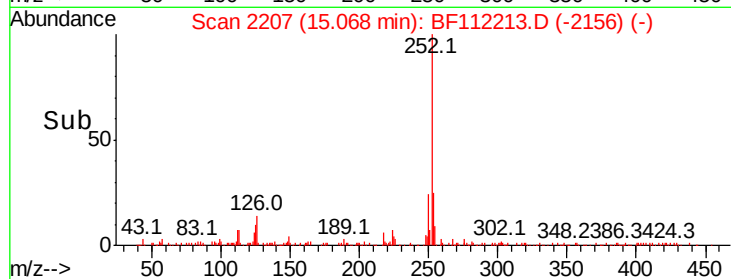
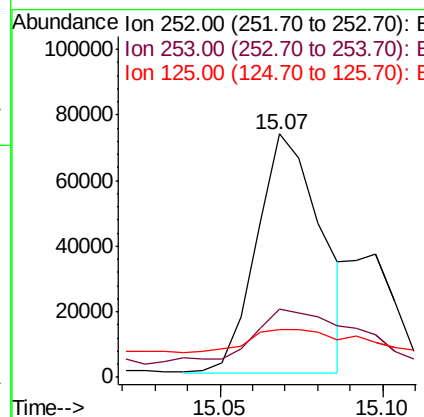
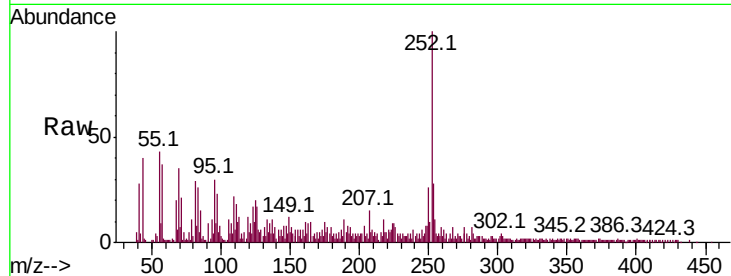
#88
Benzo(b)fluoranthene
Concen: 5.043 ng/mL
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Instrument :
BNA_F
ClientSampled :
TS-M

Tot Ion	Ratio	Resp	Lower	Upper
252	100	100842		
253	28.2		18.0	27.0#
125	19.6		8.7	13.1#

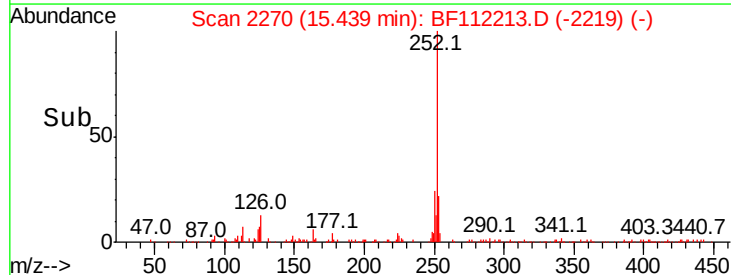
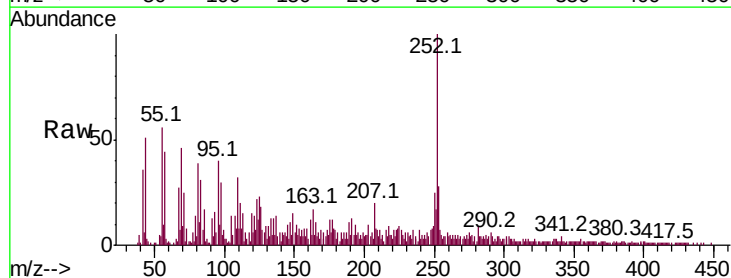
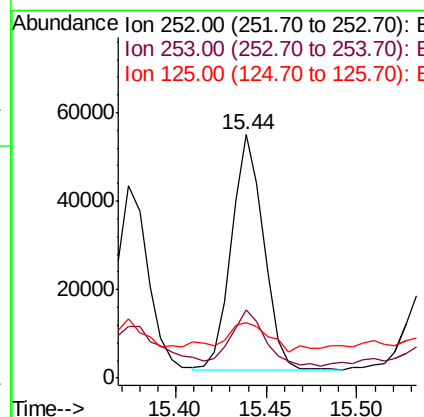
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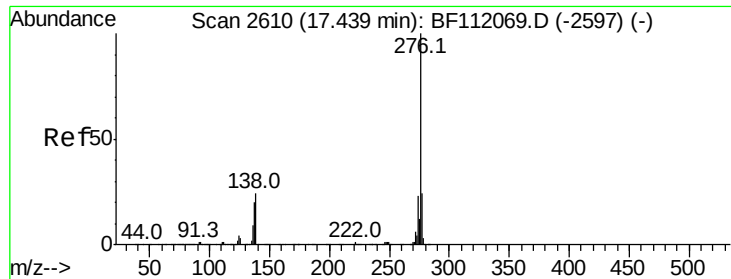
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1/25/2019 10:05:09 AM



#90
Benzo(a)pyrene
Concen: 3.588 ng/mL
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF112213.D
Acq: 24 Jan 2019 17:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	65793		
253	28.2		17.5	26.3#
125	22.7		9.0	13.4#





#92
 Benzo(a,h,i)perylene
 Concen: 2.239 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.02 min
 Lab File: BF112213.D
 Acq: 24 Jan 2019 17:14

Instrument :
 BNA_F
 ClientSampled :
 TS-M

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.9	19.4	29.0#
138	28.6	19.1	28.7

Manual Integrations
 APPROVED

Sohil
 1/25/2019 10:05:09 AM

