

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112220.D
 Acq On : 24 Jan 2019 20:29
 Operator : JU/SJ
 Sample : K1223-08 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-T

Manual Integrations
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Sohil
 1/25/2019 10:05:23 AM

Quant Time: Jan 25 00:48:05 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	159746	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	636257	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	364230	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	596384	20.00	ng	0.00
76) Chrysene-d12	14.03	240	404210	20.00	ng	0.00
87) Perylene-d12	15.51	264	286912	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	417375	47.42	ng	0.00
7) Phenol-d6	6.50	99	522597	47.46	ng	0.00
23) Nitrobenzene-d5	7.42	82	318262	34.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	173852	44.25	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	793575	31.94	ng	0.00
79) Terphenyl-d14	12.96	244	595998	31.37	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	56692	2.134	ng	99
71) Phenanthrene	11.41	178	145154	4.836	ng	94
75) Fluoranthene	12.60	202	202417	6.388	ng	99
78) Pyrene	12.83	202	172167	6.456	ng	97
81) Benzo(a)anthracene	14.02	228	71462	3.083	ng	95
83) Chrysene	14.06	228	70977	3.237	ng	95
88) Benzo(b)fluoranthene	15.08	252	72557m	4.455	ng	
90) Benzo(a)pyrene	15.44	252	43257	2.896	ng	# 73
92) Benzo(g,h,i)perylene	17.46	276	26580	2.034	ng	# 85

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

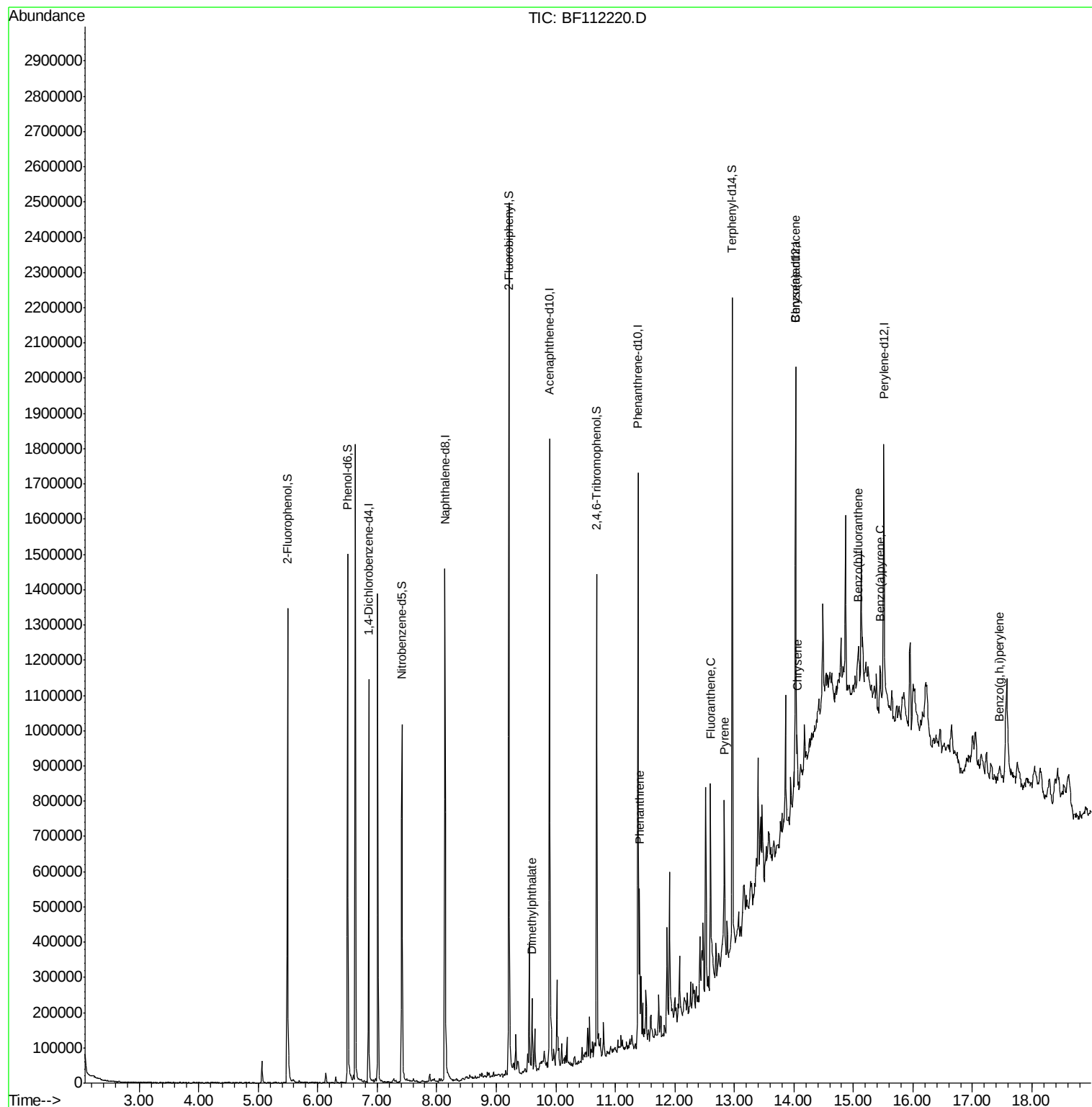
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
Data File : BF112220.D
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Operator : JU/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

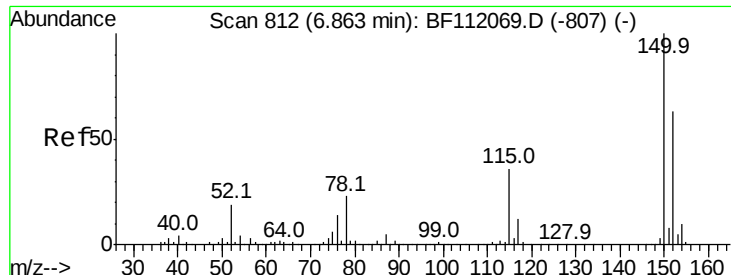
Instrument :
BNA_F
ClientSampleId :
TS-T

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

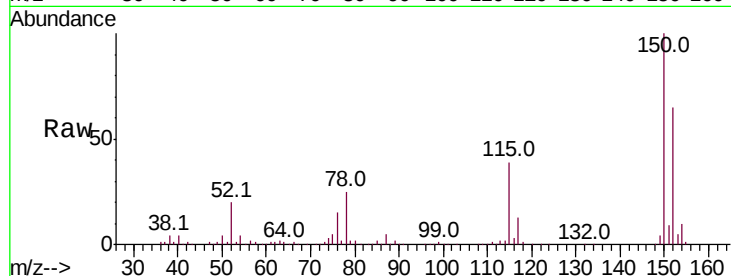
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Instrument :
BNA_F
ClientSampled :
TS-T

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.4	191.0
115	59.9	45.5	68.3

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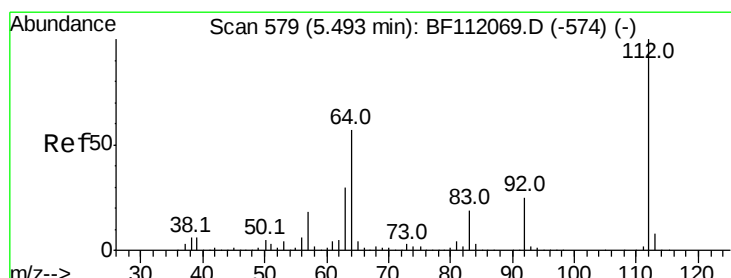
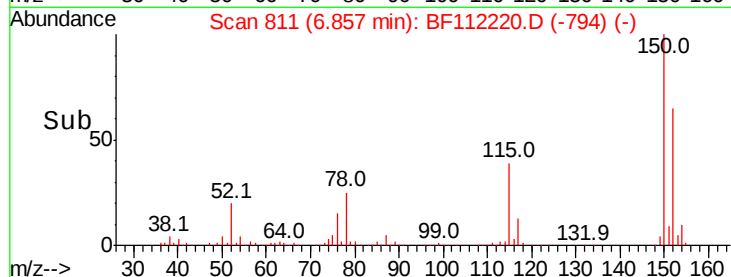
Abundance

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

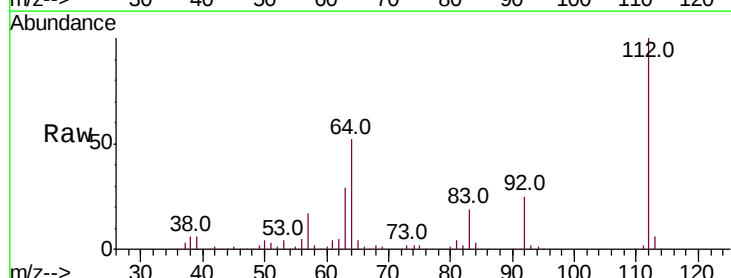
Time-->



#5

2-Fluorophenol
Concen: 47.422 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	45.7	68.5
63	28.7	23.6	35.4



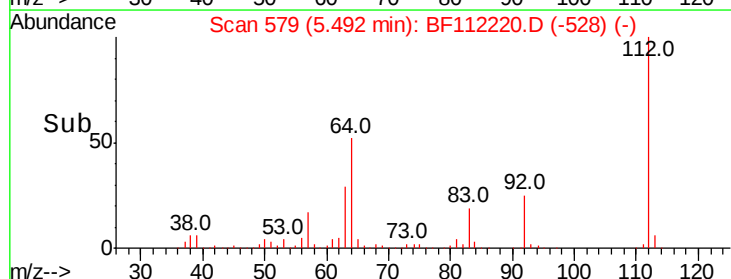
Abundance

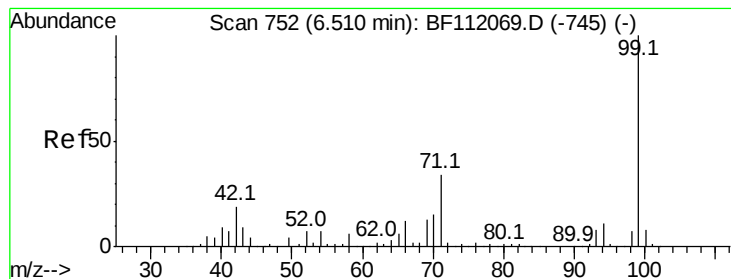
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Time-->





#7

Phenol-d6

Concen: 47.458 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112220.D

Acq: 24 Jan 2019 20:29

Instrument :

BNA_F

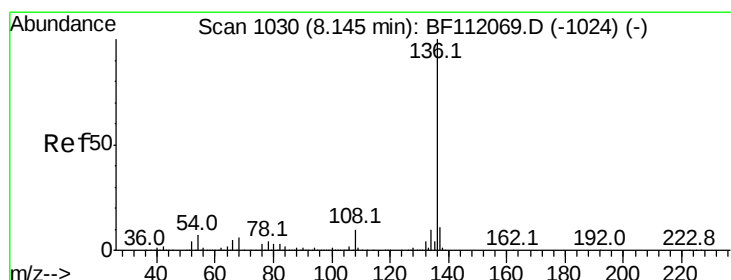
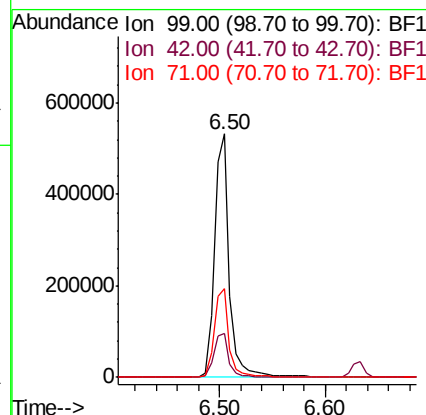
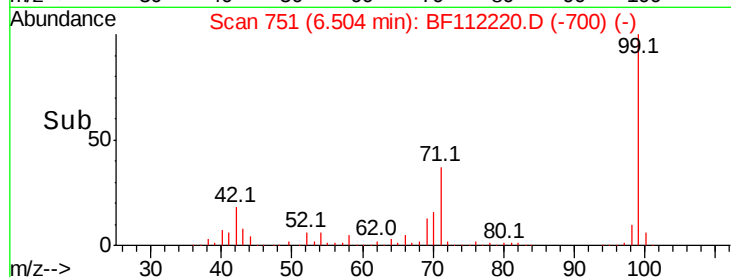
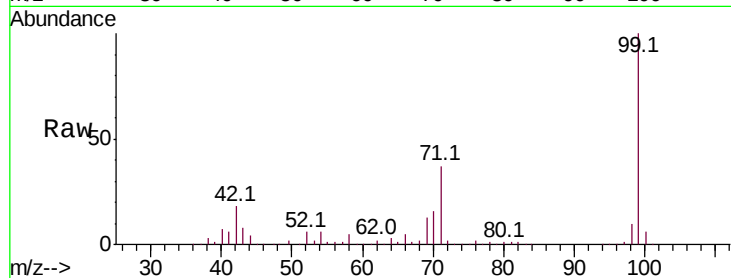
ClientSampled :

TS-T

Tot Ion:	99	Resp:	522597
Ion Ratio	Lower	Upper	
99	100		
42	17.8	15.1	22.7
71	36.5	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

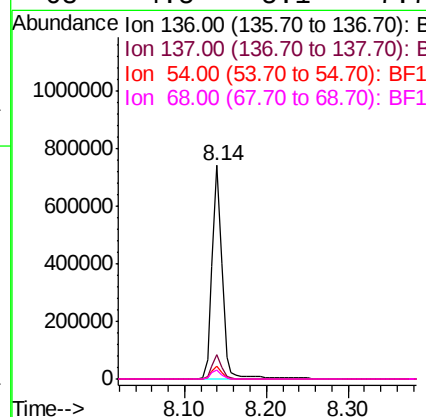
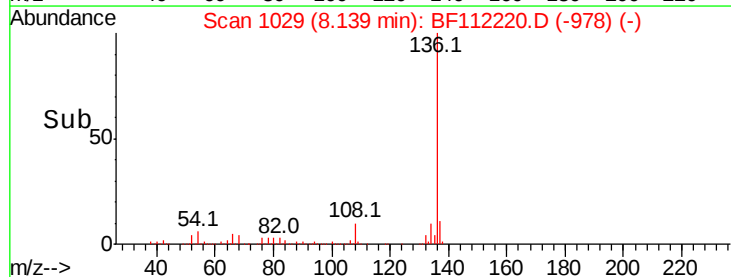
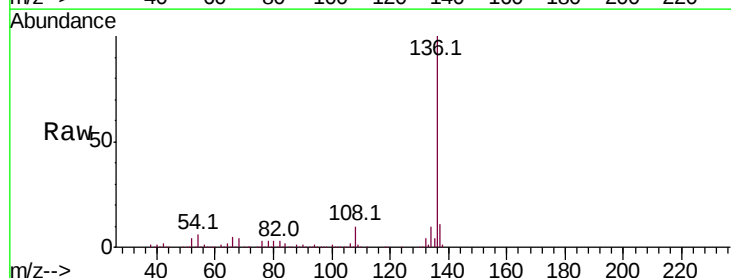
RT: 8.14 min Scan# 1029

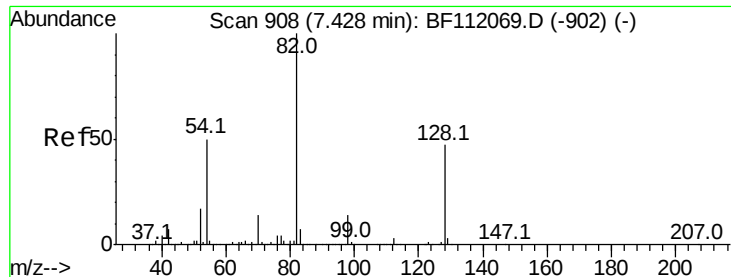
Delta R.T. 0.00 min

Lab File: BF112220.D

Acq: 24 Jan 2019 20:29

Tgt Ion:	136	Resp:	636257
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.1	13.7
54	6.0	5.9	8.9
68	4.5	5.1	7.7#





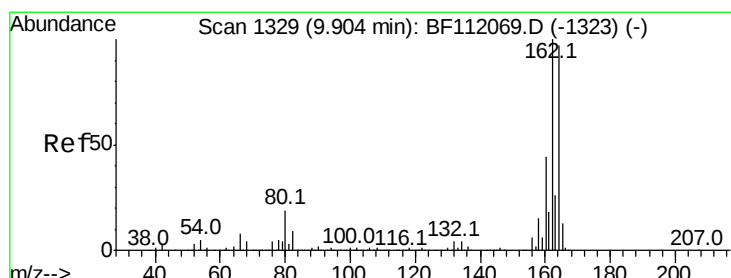
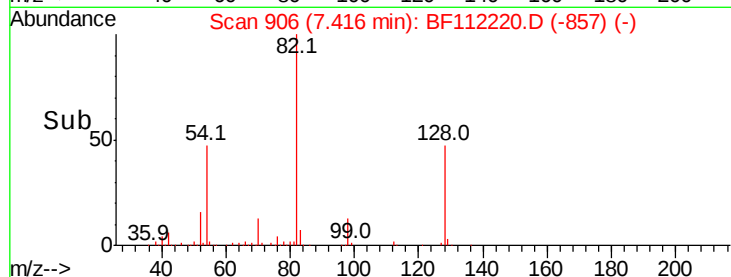
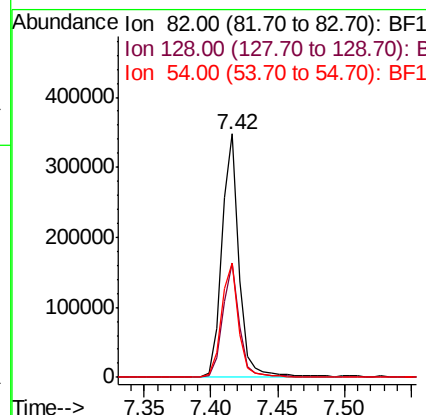
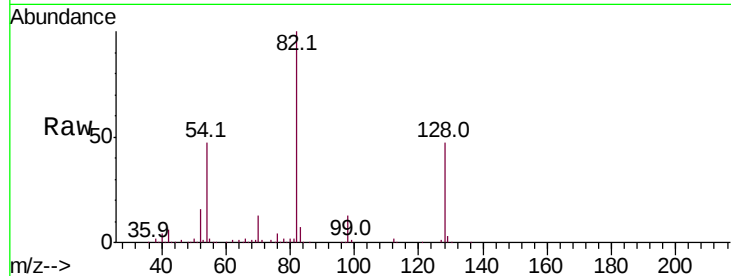
#23
Nitrobenzene-d5
Concen: 34.559 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Instrument :
BNA_F
ClientSampled :
TS-T

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	37.8	56.8	
54	47.0	39.7	59.5	

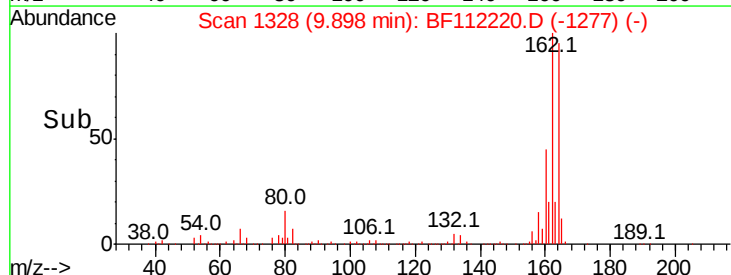
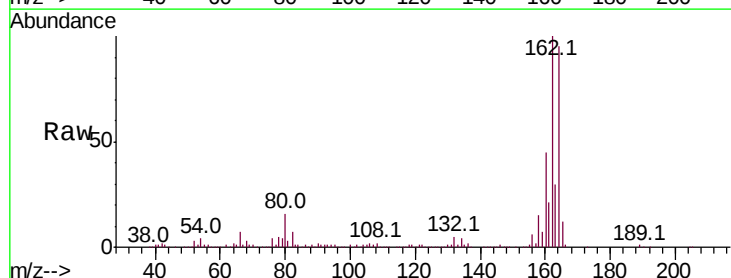
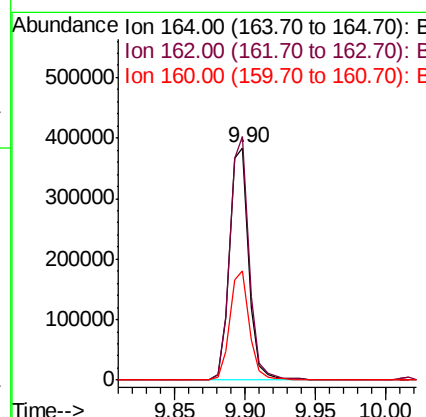
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	82.2	123.4	
160	47.2	36.2	54.4	





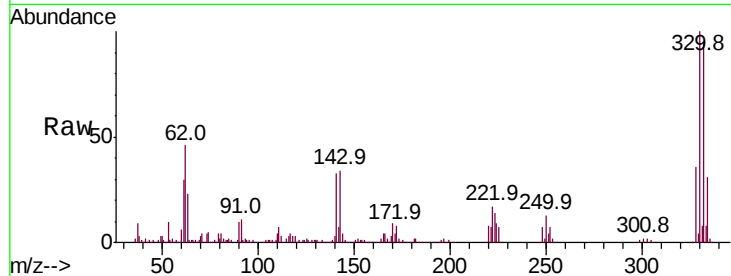
#42
 2,4,6-Tribromophenol
 Concen: 44.246 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112220.D
 Acq: 24 Jan 2019 20:29

Instrument :
 BNA_F
 ClientSampled :
 TS-T

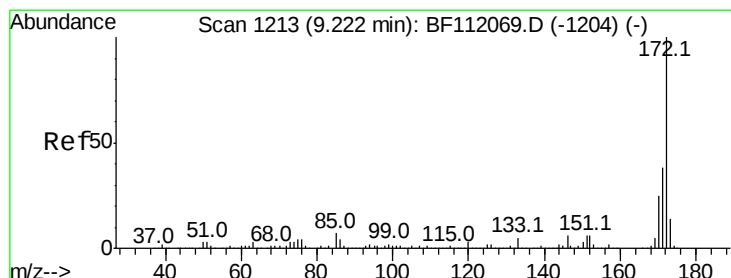
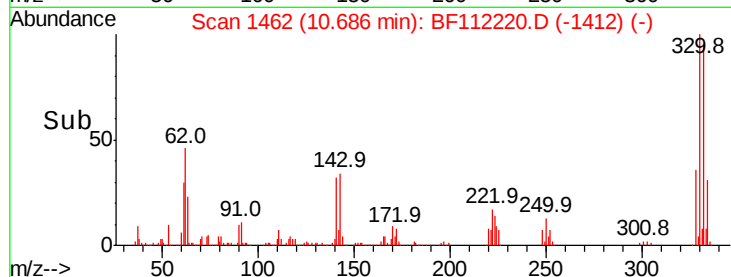
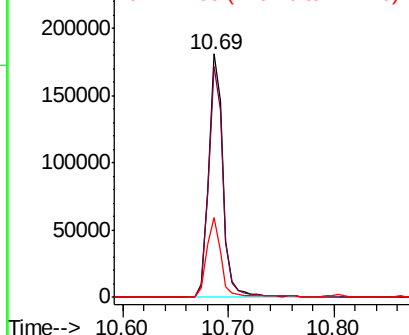
Tot Ion	Ratio	Resp	Lower	Upper
330	100	173852		
332	95.1	76.6	114.8	
141	31.6	24.3	36.5	

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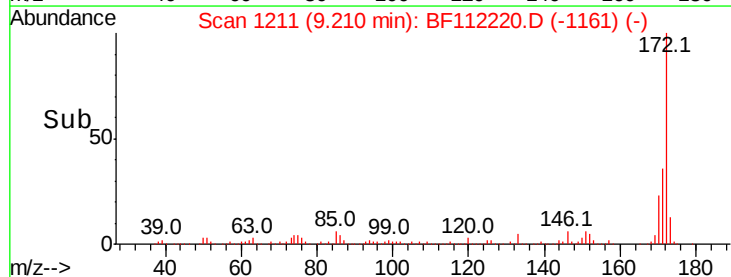
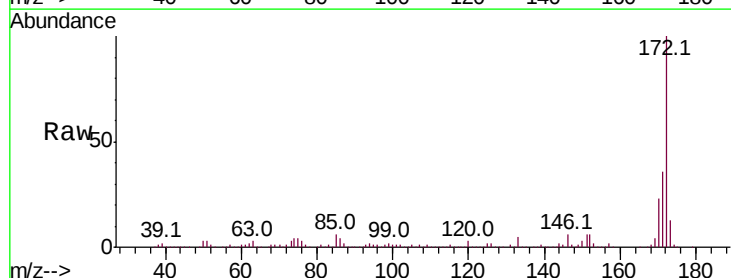
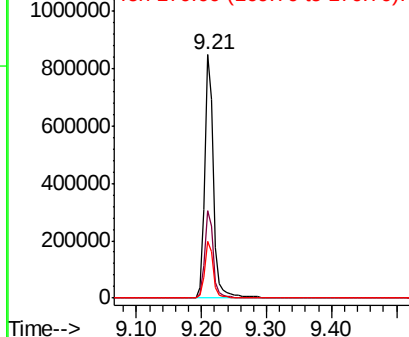
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

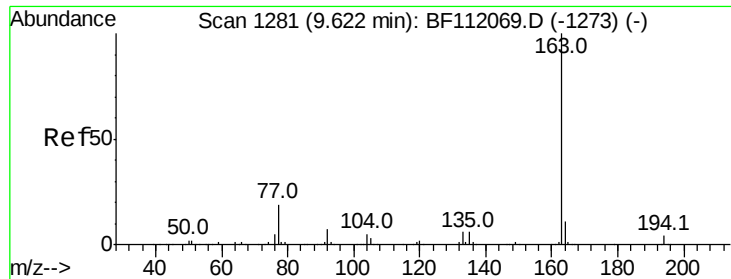


#45
 2-Fluorobiphenyl
 Concen: 31.943 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112220.D
 Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	793575		
171	35.8	30.5	45.7	
170	23.1	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





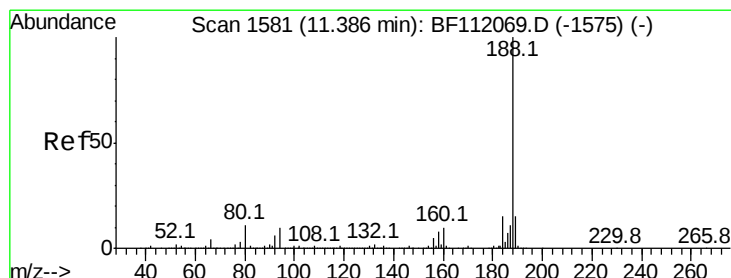
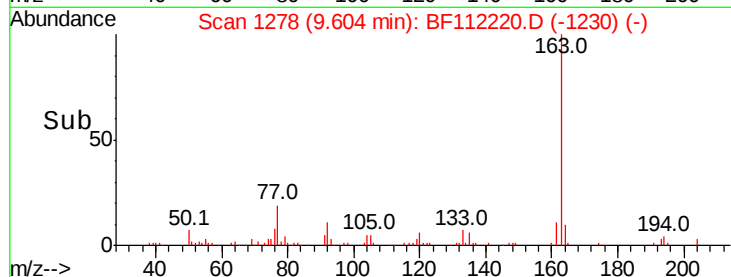
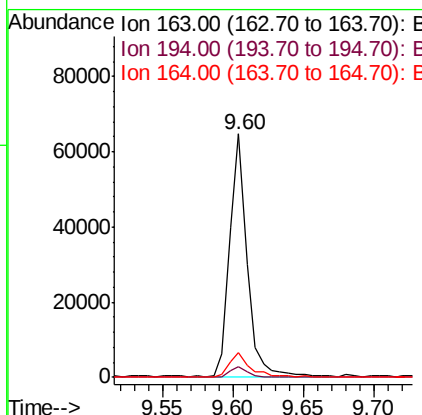
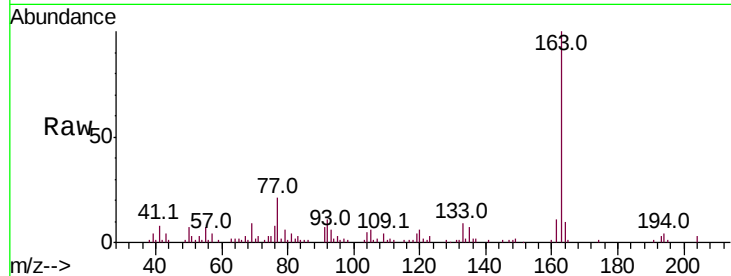
#50
Dimethylphthalate
Concen: 2.134 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
TS-T

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.3	8.5	12.7

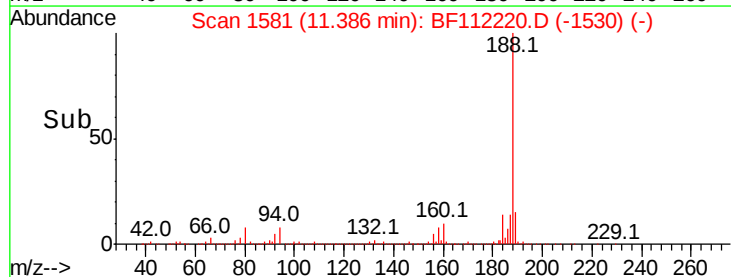
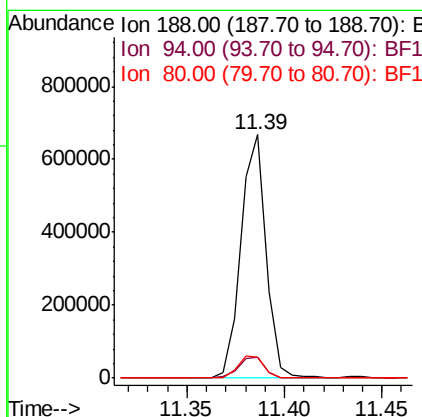
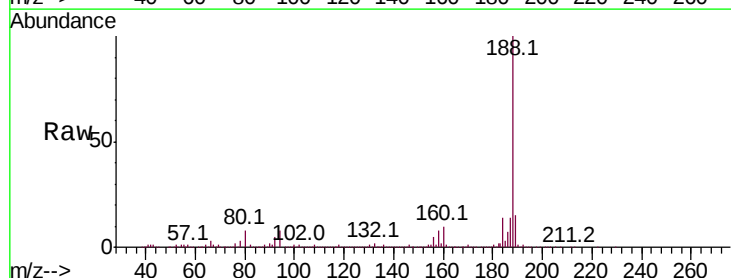
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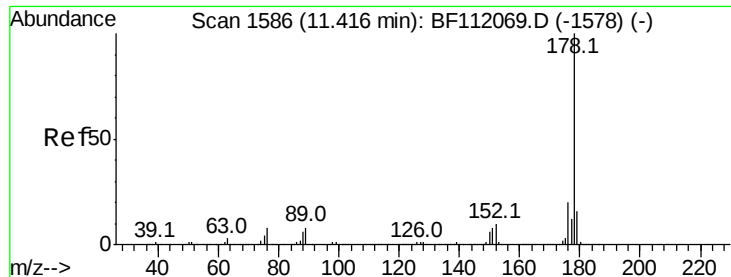
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.5	8.9	13.3#





#71

Phenanthrene

Concen: 4.836 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF112220.D

Acq: 24 Jan 2019 20:29

Instrument :

BNA_F

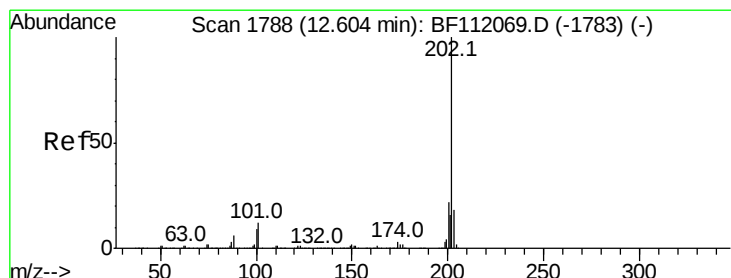
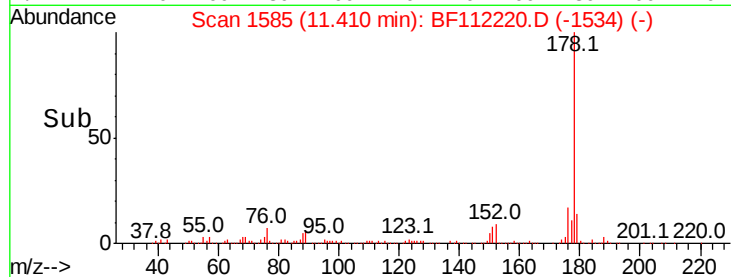
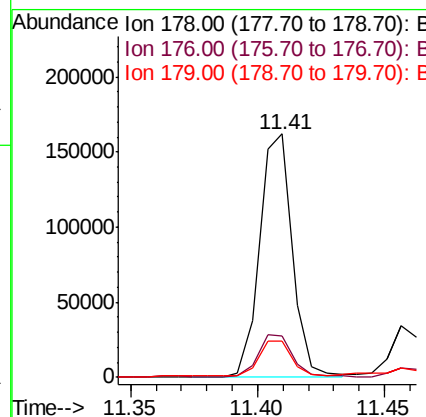
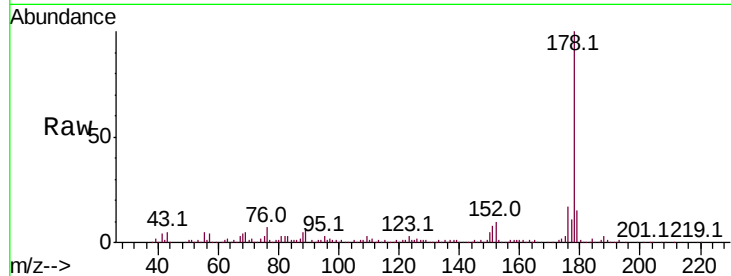
ClientSampleId :

TS-T

Tot Ion:	178	Resp:	145154
Ion Ratio	Lower	Upper	
178	100		
176	16.9	16.3	24.5
179	14.7	13.0	19.4

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#75

Fluoranthene

Concen: 6.388 ng

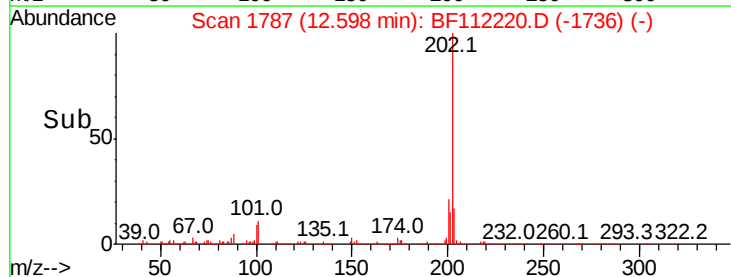
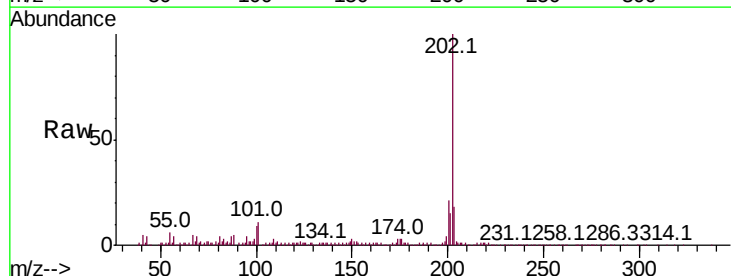
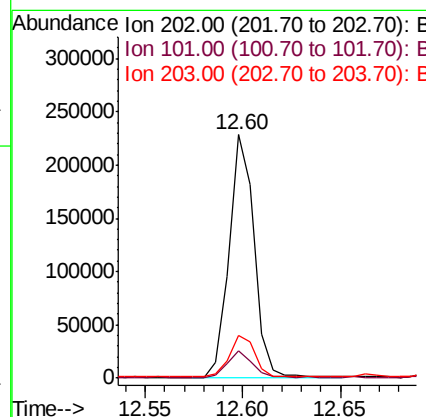
RT: 12.60 min Scan# 1787

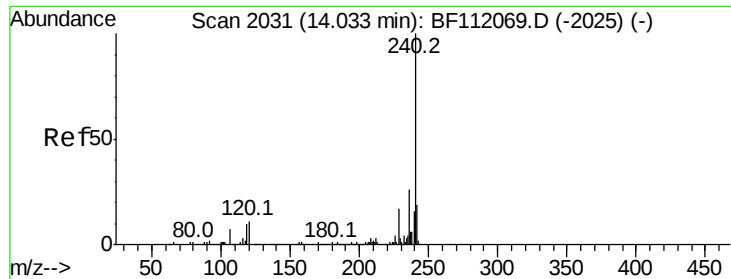
Delta R.T. 0.00 min

Lab File: BF112220.D

Acq: 24 Jan 2019 20:29

Tgt Ion:	202	Resp:	202417
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	31.8
203	17.7	0.0	38.4





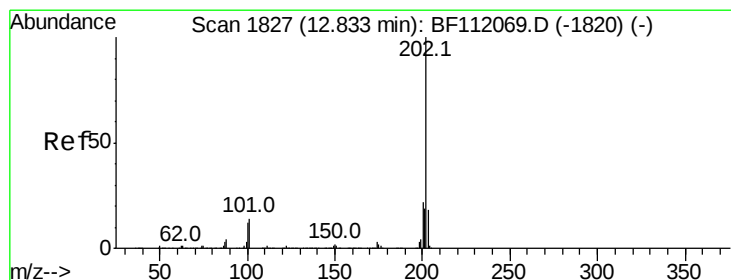
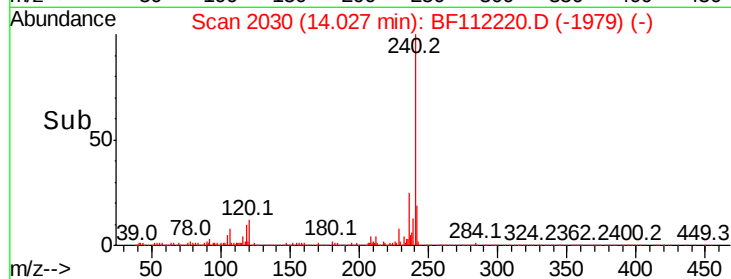
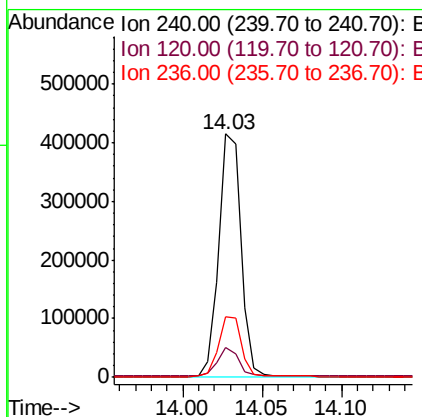
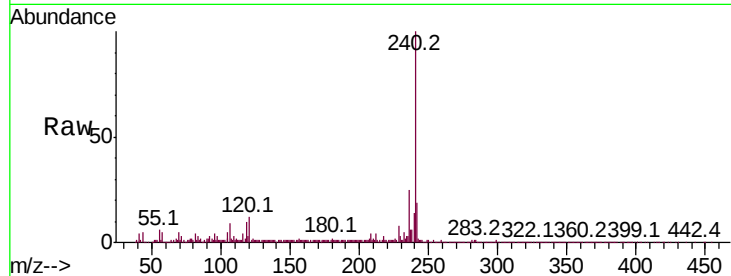
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Instrument :
BNA_F
ClientSampled :
TS-T

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.1	9.0	13.6	
236	25.1	20.7	31.1	

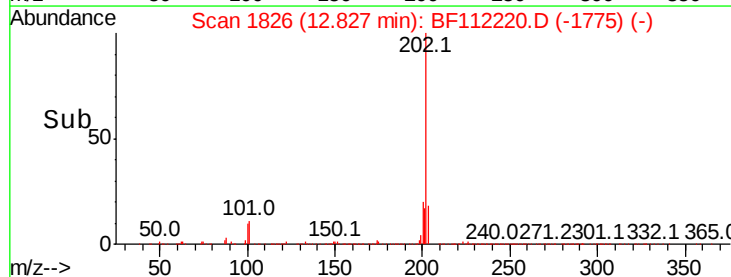
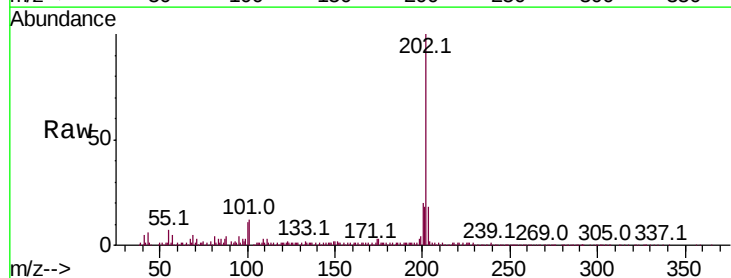
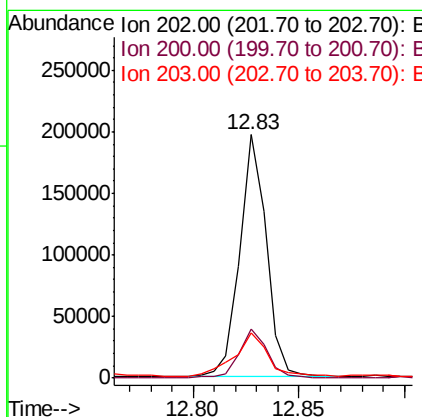
Manual Integrations
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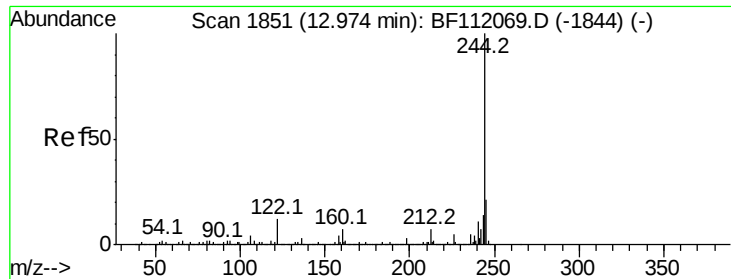
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#78
Pyrene
Concen: 6.456 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.9	17.7	26.5	
203	18.4	14.6	22.0	





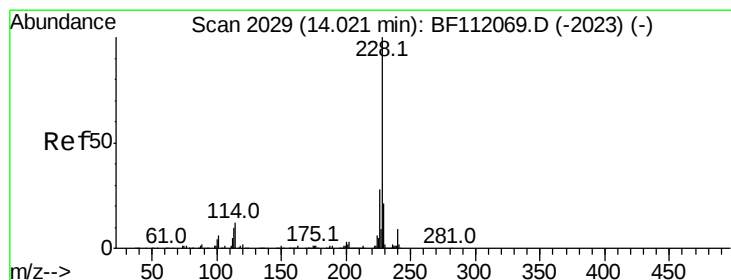
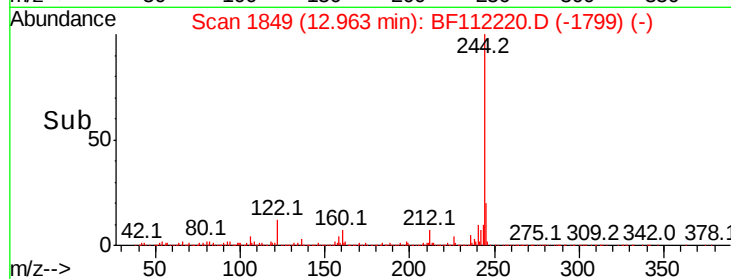
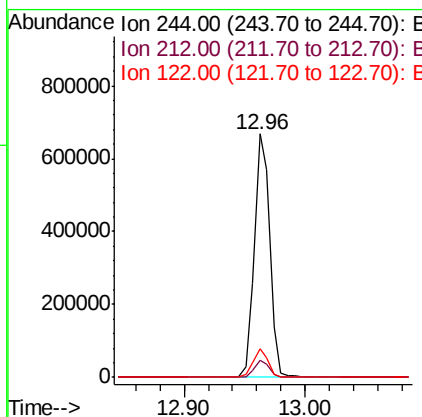
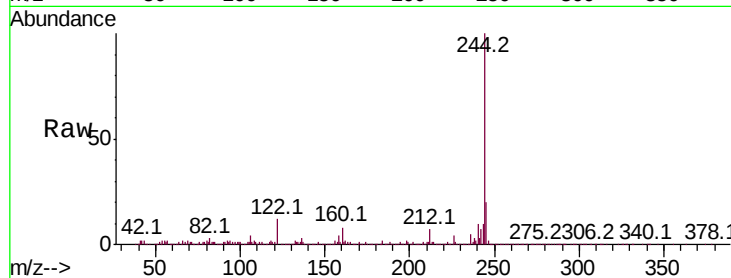
#79
 Terphenyl-d14
 Concen: 31.368 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF112220.D
 Acq: 24 Jan 2019 20:29

Instrument :
 BNA_F
 ClientSampled :
 TS-T

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	11.8	9.8	14.6

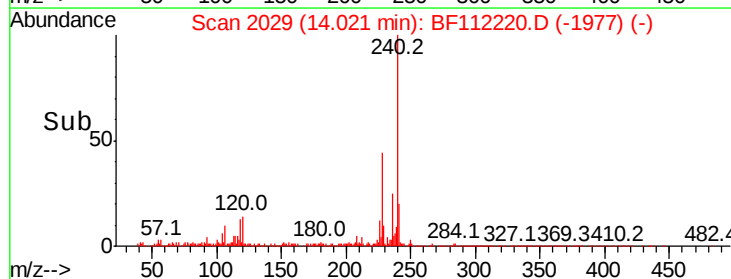
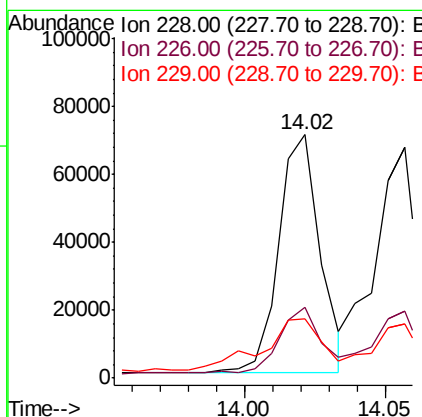
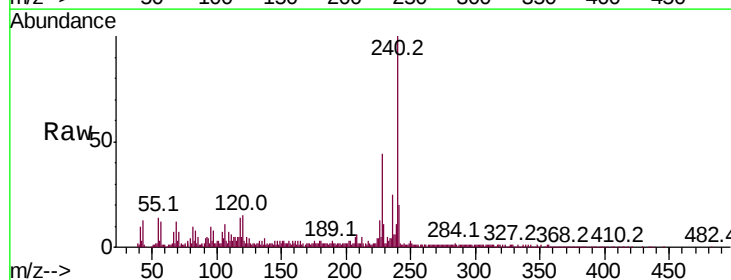
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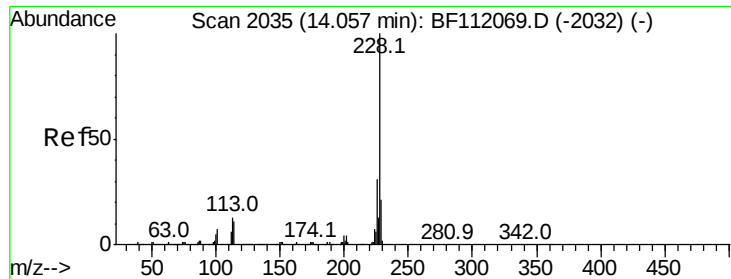
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#81
 Benzo(a)anthracene
 Concen: 3.083 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF112220.D
 Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	34.0
229	24.6	16.5	24.7





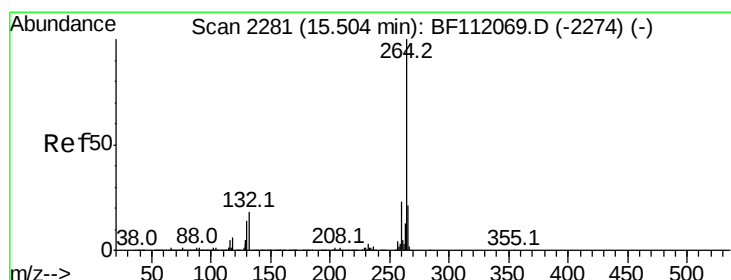
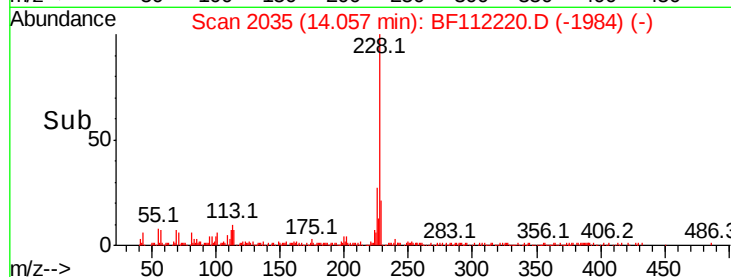
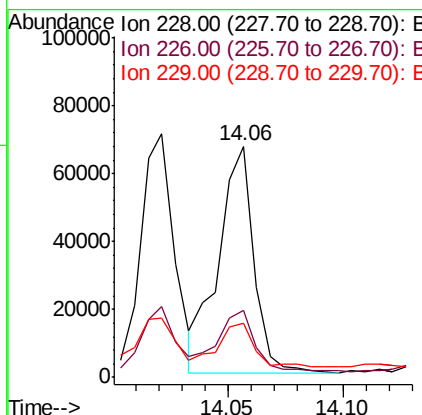
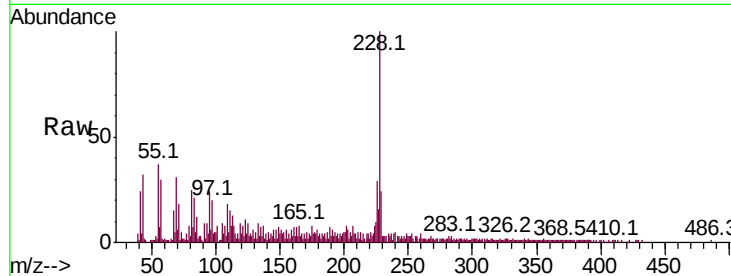
#83
Chrysene
Concen: 3.237 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Instrument :
BNA_F
ClientSampled :
TS-T

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	23.7	16.6	24.8

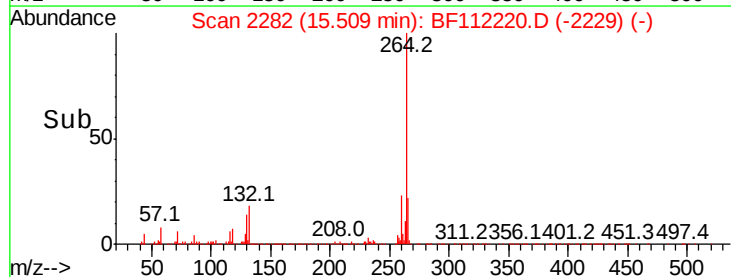
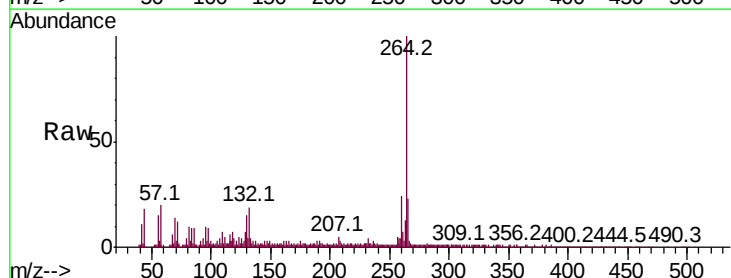
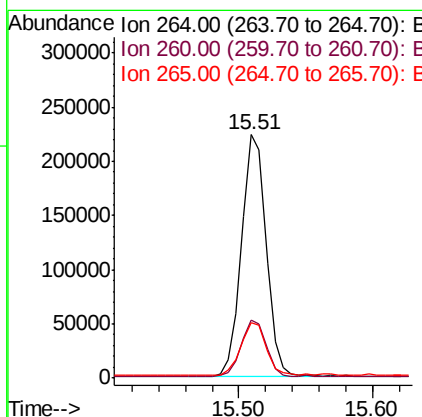
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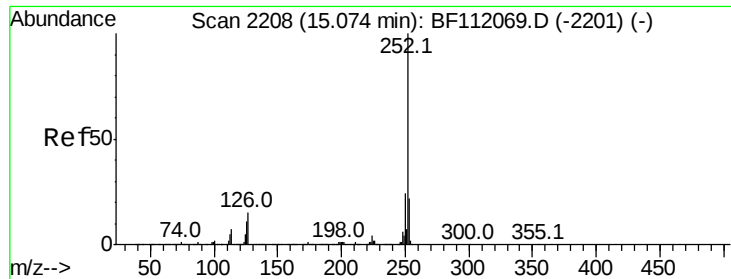
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	22.8	17.0	25.4





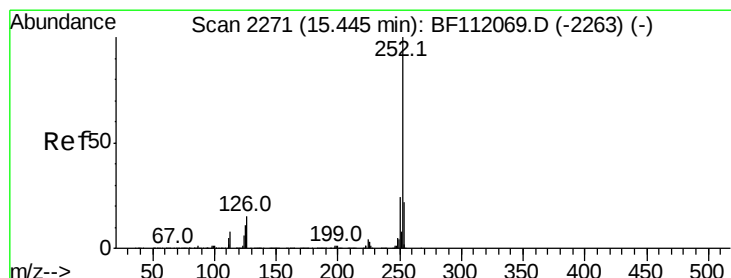
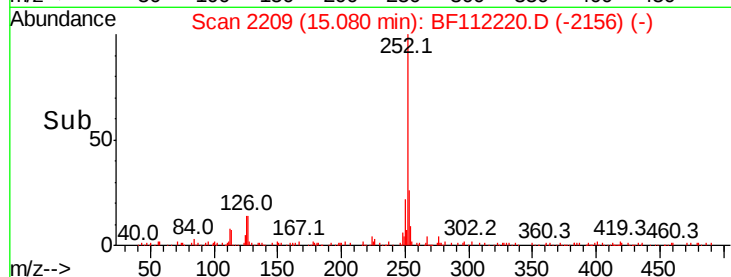
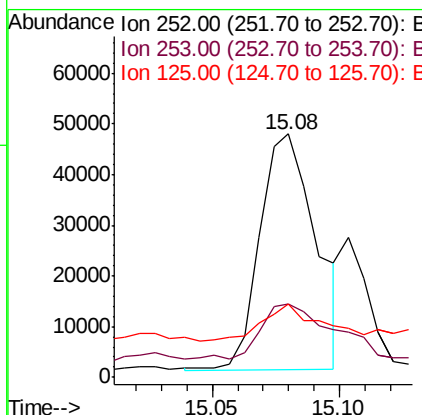
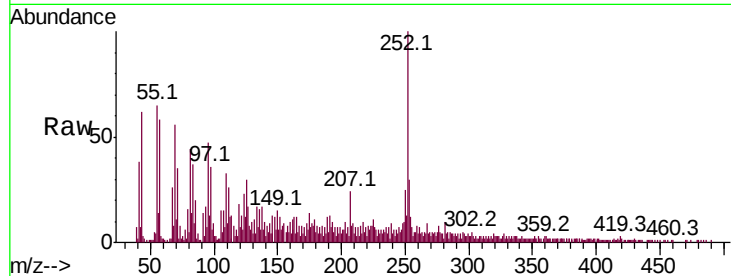
#88
Benzo(b)fluoranthene
Concen: 4.455 ng m
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Instrument :
BNA_F
ClientSampleId :
TS-T

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	18.0	27.0#
125	30.1	8.7	13.1#

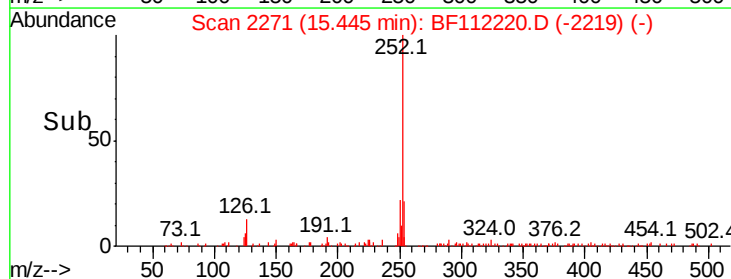
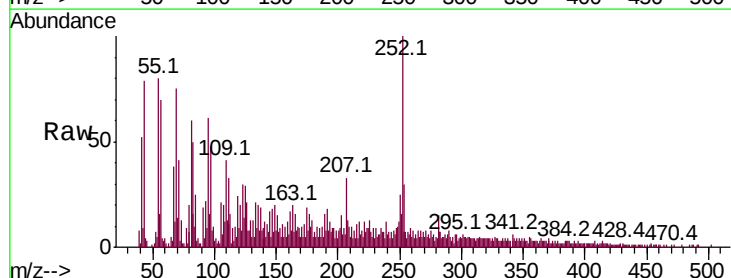
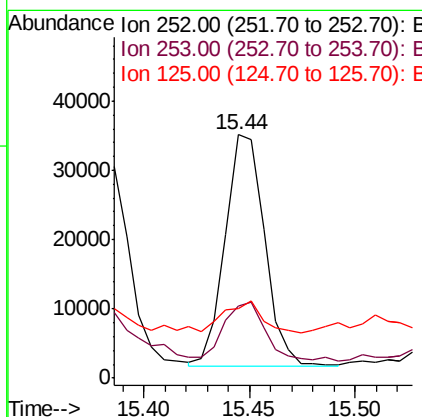
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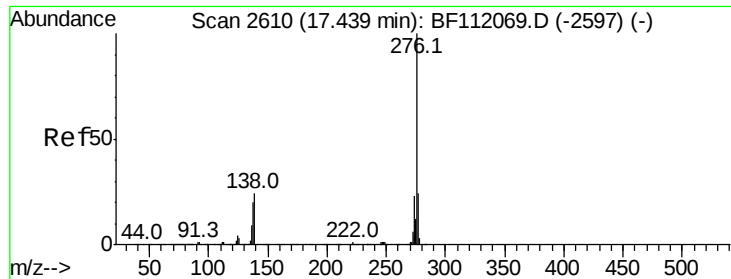
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#90
Benzo(a)pyrene
Concen: 2.896 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF112220.D
Acq: 24 Jan 2019 20:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.5	26.3#
125	28.7	9.0	13.4#





#92
 Benzo(a,h,i)perylene
 Concen: 2.034 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. 0.04 min
 Lab File: BF112220.D
 Acq: 24 Jan 2019 20:29

Instrument :
 BNA_F
 ClientSampleId :
 TS-T

Tot Ion	Ratio	Lower	Upper
276	100		
277	34.6	19.4	29.0#
138	28.1	19.1	28.7

Manual Integrations
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