

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112148.D
 Acq On : 19 Jan 2019 2:02
 Operator : JU/SJ
 Sample : K1015-09 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-011719-A

Manual Integrations
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 1/21/2019 12:01:04 PM

Quant Time: Jan 19 03:58:32 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	246124	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	940736	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	406251	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	676515	20.00	ng	0.00
76) Chrysene-d12	14.02	240	568495	20.00	ng	0.00
87) Perylene-d12	15.50	264	442067	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	282738	20.85	ng	-0.01
7) Phenol-d6	6.49	99	363246	21.41	ng	-0.01
23) Nitrobenzene-d5	7.41	82	204081	14.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	70613	16.11	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	432963	15.63	ng	0.00
79) Terphenyl-d14	12.96	244	368843	13.80	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.60	163	111628	3.768	ng	98
71) Phenanthrene	11.40	178	423922	12.451	ng	96
72) Anthracene	11.45	178	171066	4.960	ng	97
75) Fluoranthene	12.59	202	751423	20.904	ng	100
78) Pyrene	12.82	202	670250	17.870	ng	99
81) Benzo(a)anthracene	14.01	228	368472	11.304	ng	99
83) Chrysene	14.04	228	309014	10.019	ng	97
86) Indeno(1,2,3-cd)pyrene	16.97	276	121163	4.258	ng	93
88) Benzo(b)fluoranthene	15.06	252	351218m	13.996	ng	
89) Benzo(k)fluoranthene	15.09	252	129428m	5.329	ng	
90) Benzo(a)pyrene	15.43	252	236727	10.287	ng	96
92) Benzo(a,h,i)perylene	17.42	276	111717	5.548	ng	98

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

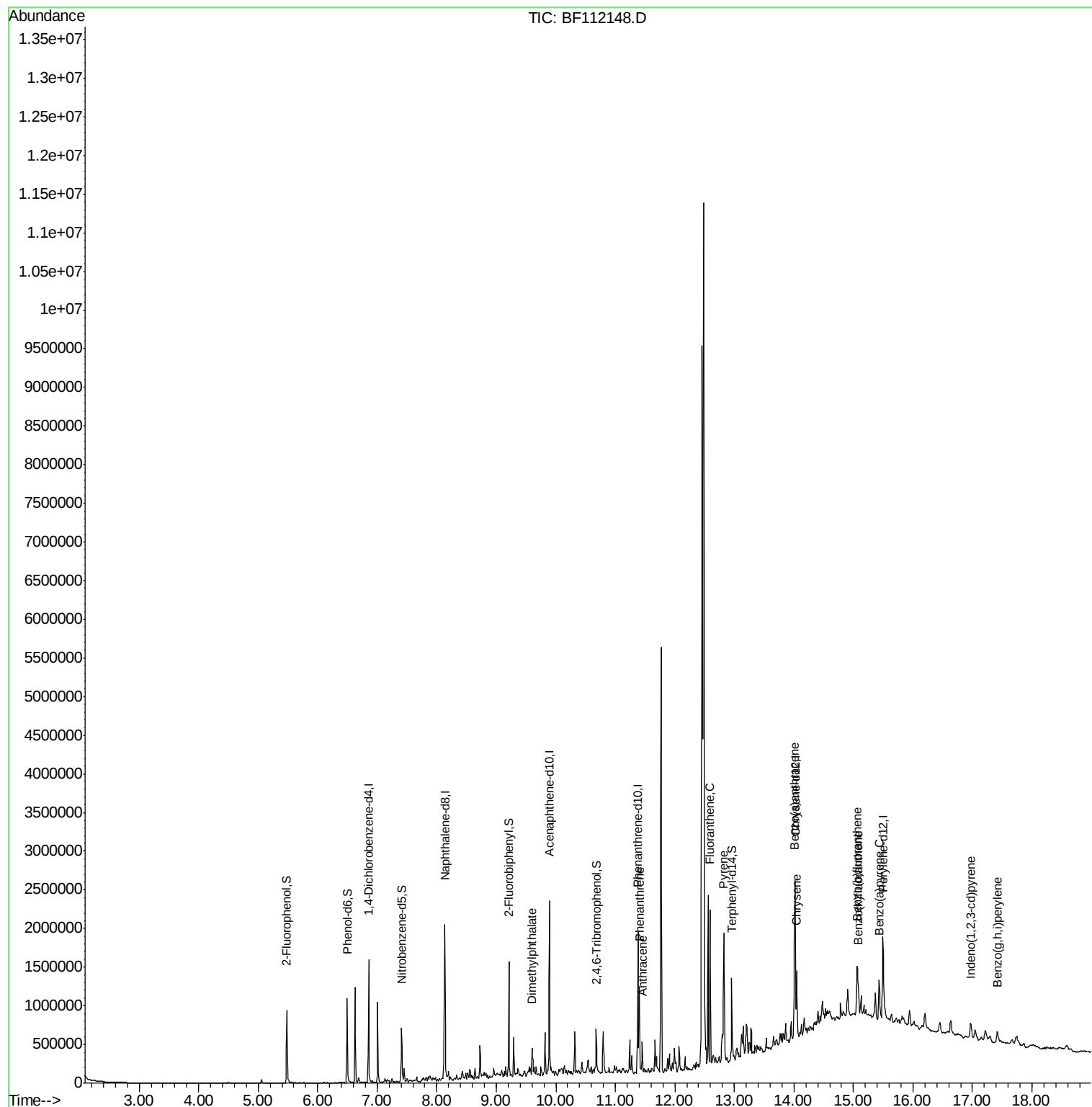
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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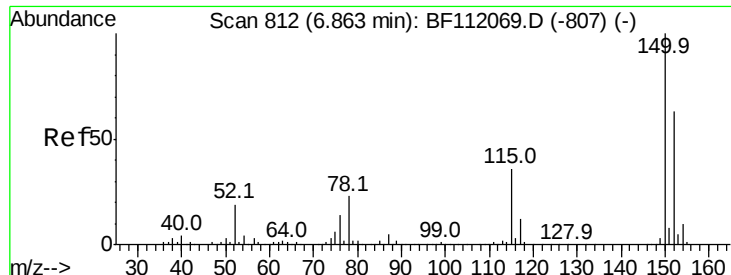
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

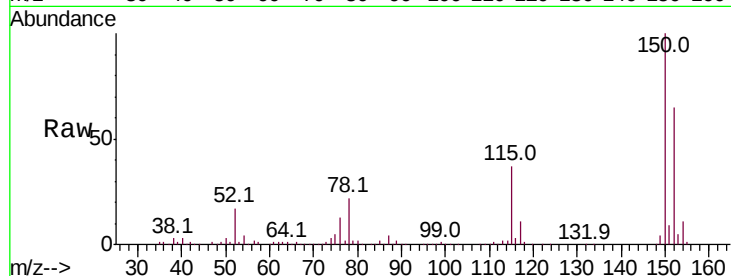
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	56.7	45.5	68.3

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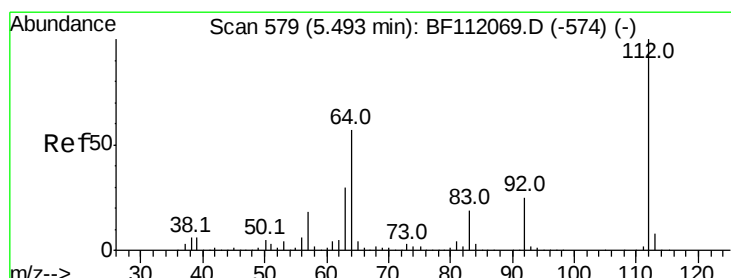
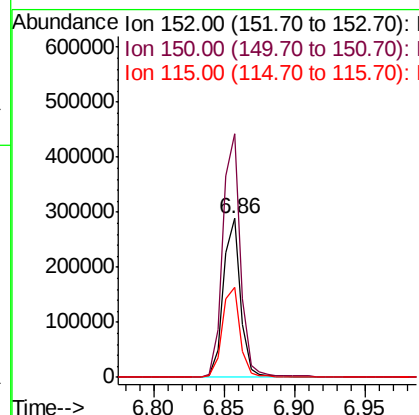
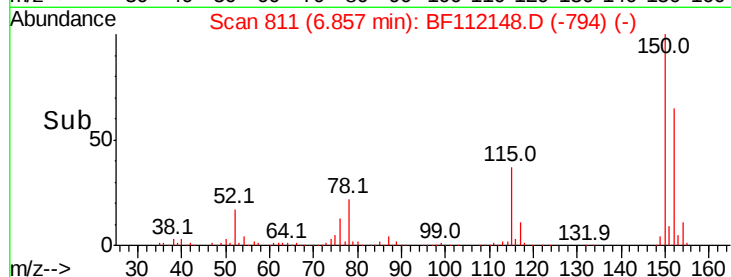


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

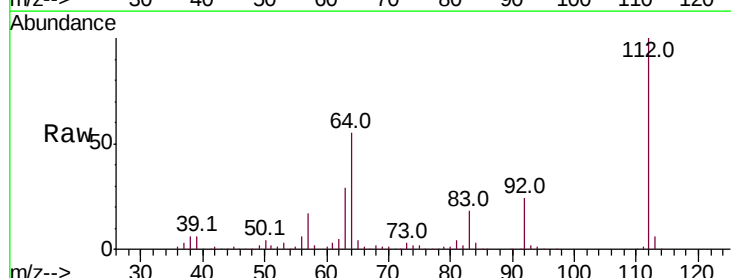
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.850 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	45.7	68.5
63	29.0	23.6	35.4

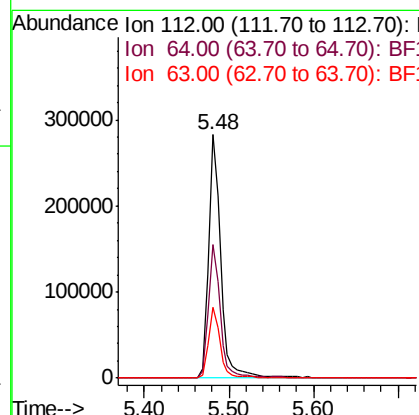
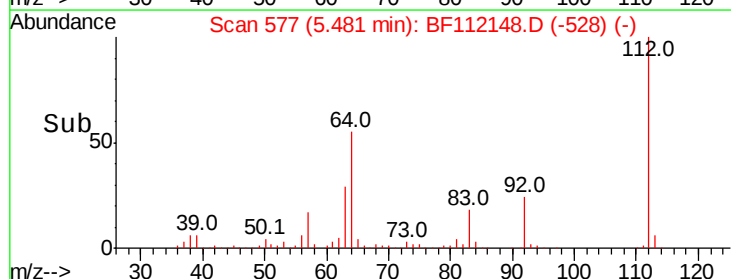


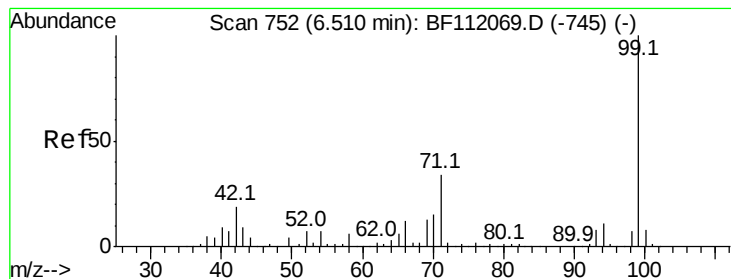
Abundance

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: 21.410 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Instrument :

BNA_F

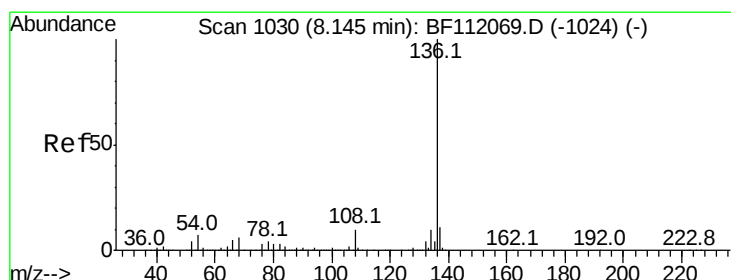
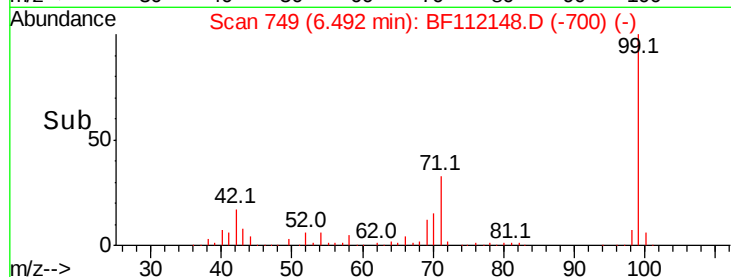
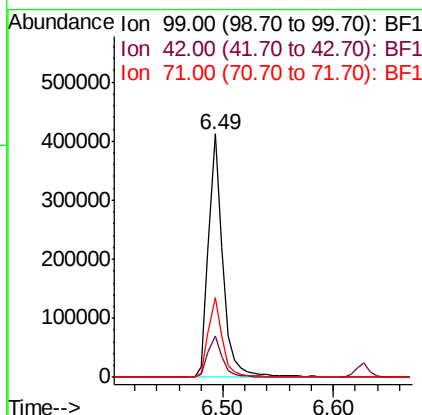
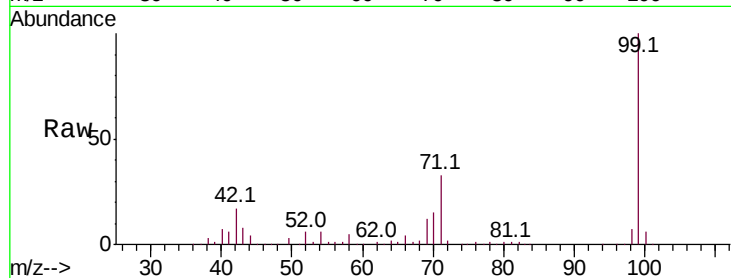
ClientSampleId :

SU-01-011719-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		363246		
42	16.8	15.1	22.7		
71	32.7	26.9	40.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

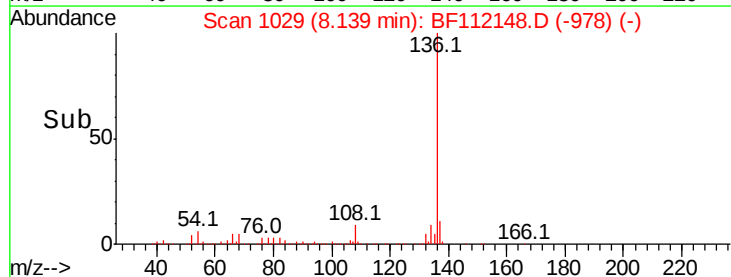
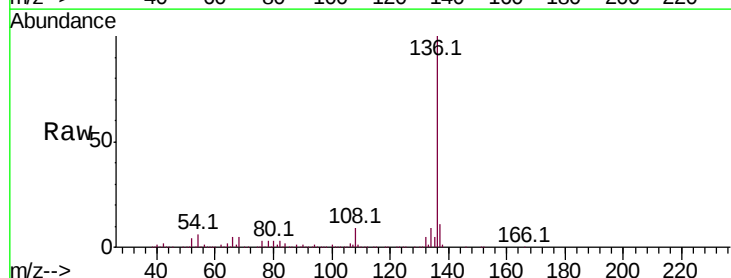
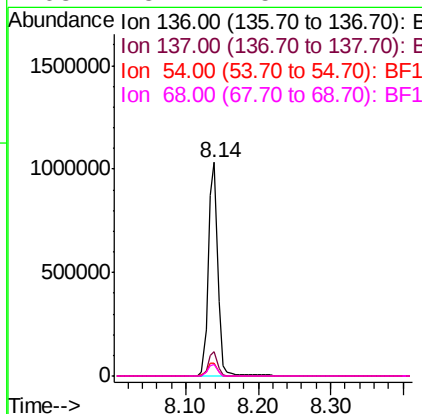
RT: 8.14 min Scan# 1029

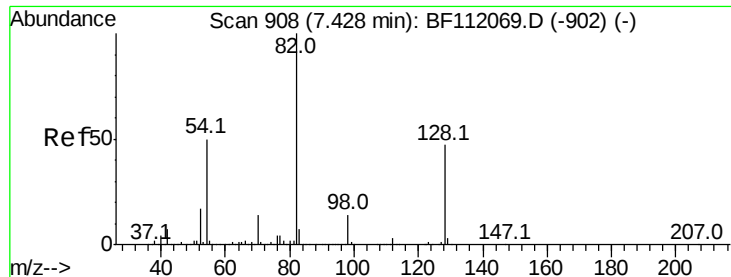
Delta R.T. 0.00 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		940736		
137	11.2	9.1	13.7		
54	6.2	5.9	8.9		
68	5.1	5.1	7.7#		





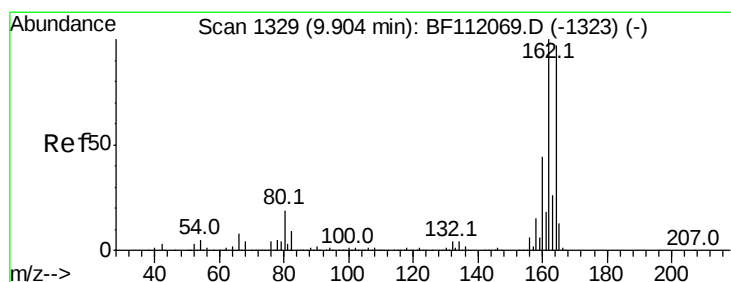
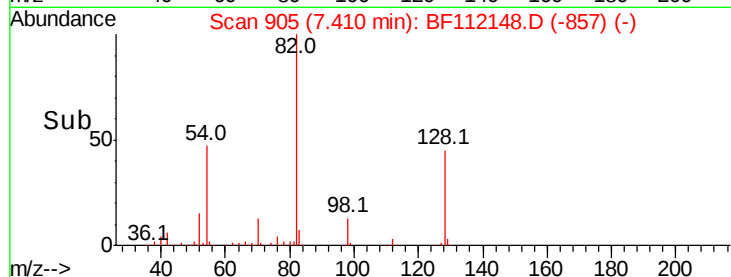
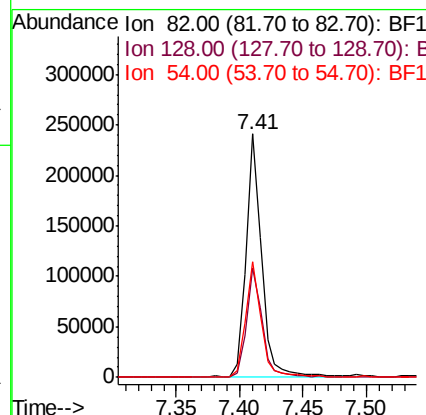
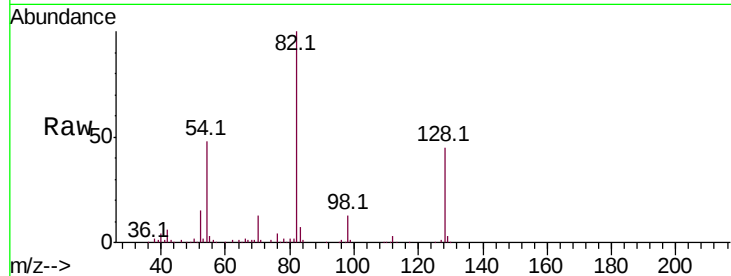
#23
Nitrobenzene-d5
Concen: 14.988 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	37.8	56.8
54	47.5	39.7	59.5

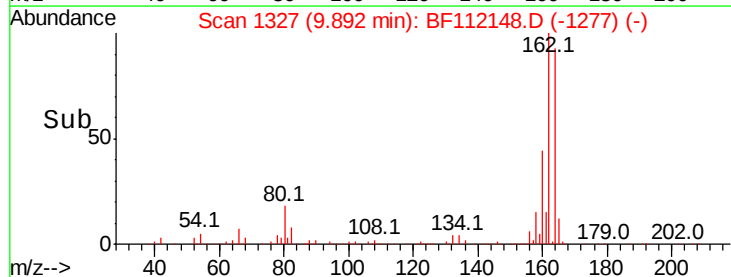
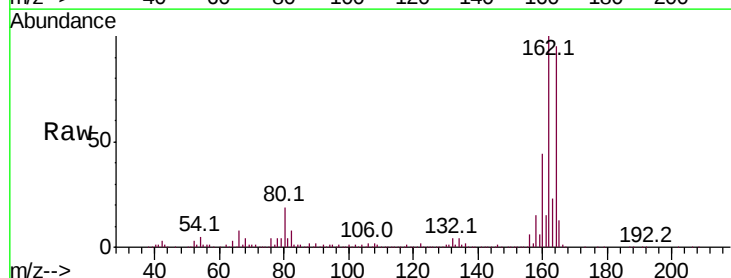
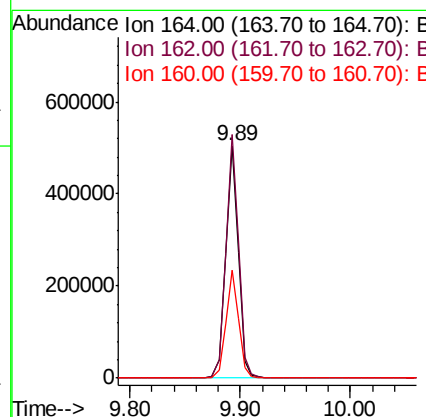
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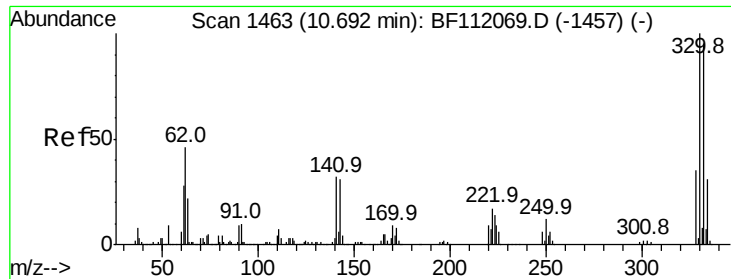
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.4
160	46.5	36.2	54.4





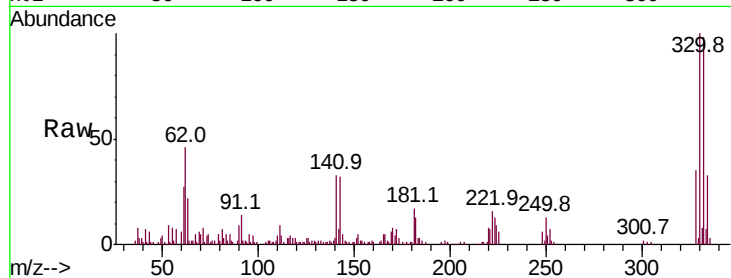
#42
 2,4,6-Tribromophenol
 Concen: 16.112 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF112148.D
 Acq: 19 Jan 2019 2:02

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	31.1	24.3	36.5

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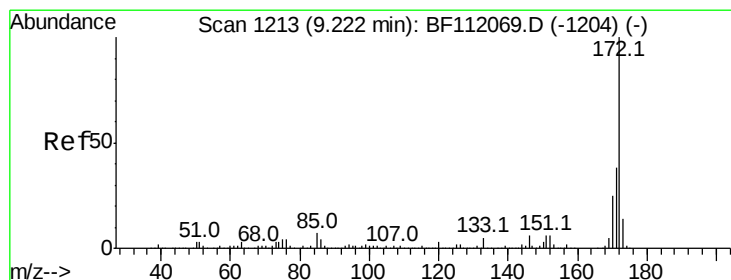
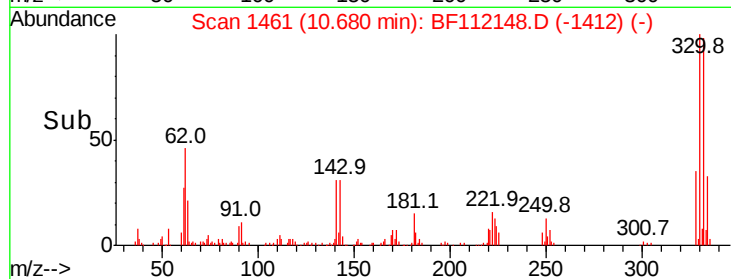
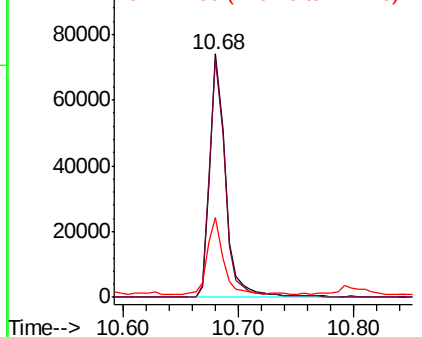


Abundance

Ion 329.80 (329.50 to 330.50): E

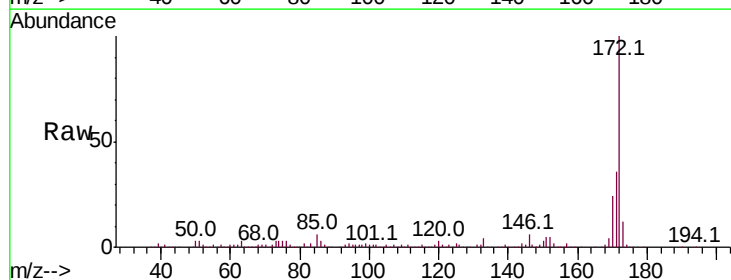
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 15.625 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112148.D
 Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.5	45.7
170	23.5	20.2	30.4

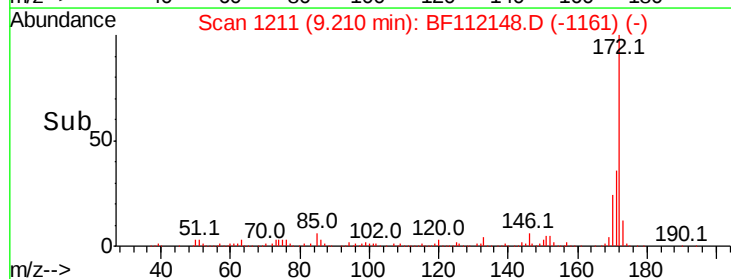
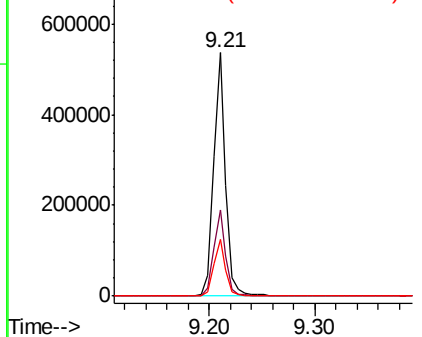


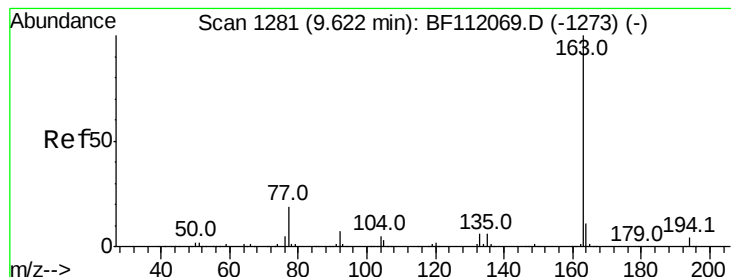
Abundance

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: 3.768 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Instrument :

BNA_F

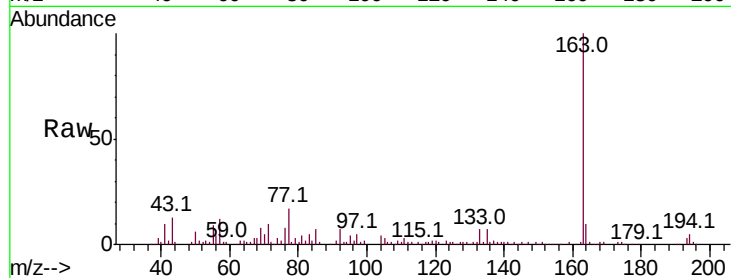
ClientSampleId :

SU-01-011719-A

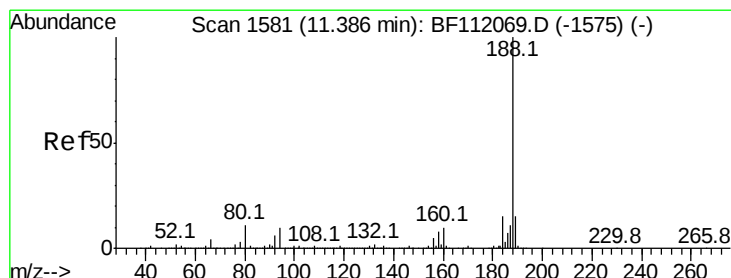
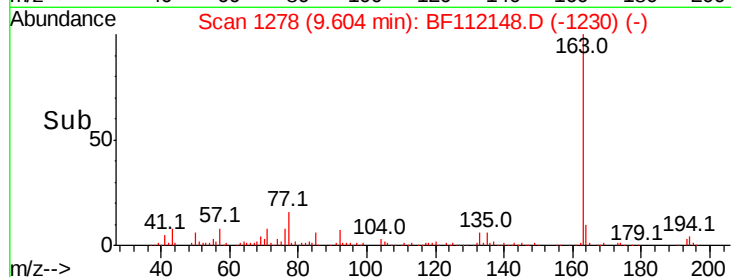
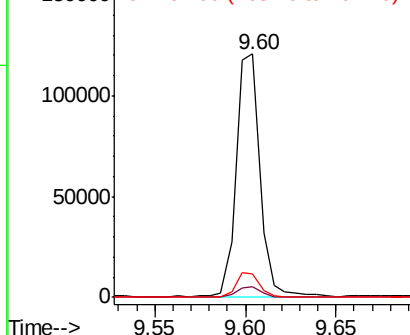
Tot Ion:	163	Resp:	111628
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.3	4.9
164	9.7	8.5	12.7

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

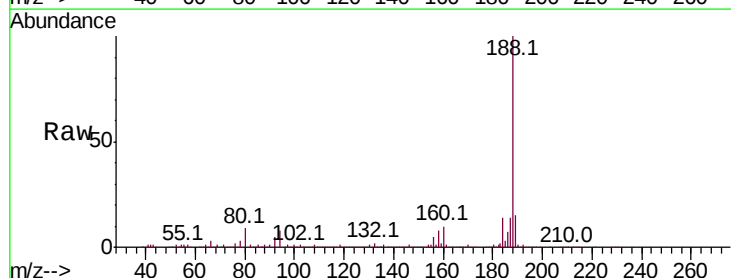
RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

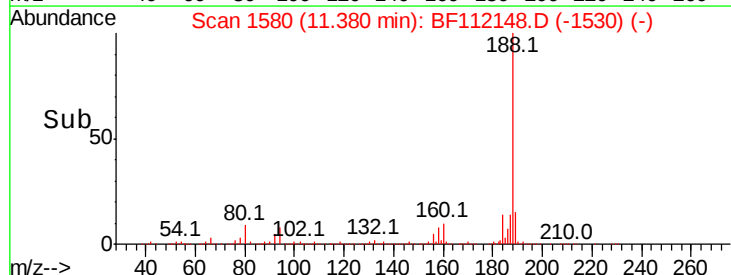
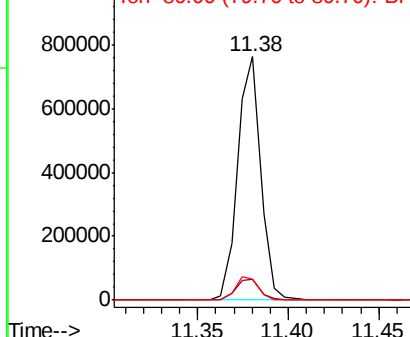
Lab File: BF112148.D

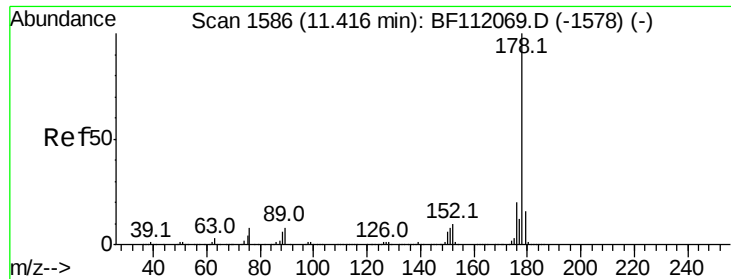
Acq: 19 Jan 2019 2:02

Tgt Ion:	188	Resp:	676515
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.2	12.2
80	8.6	8.9	13.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 12.451 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Instrument :

BNA_F

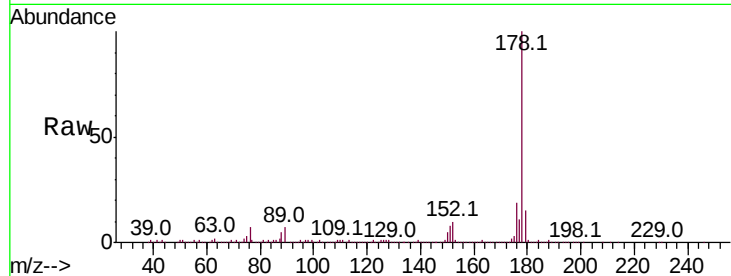
ClientSampleId :

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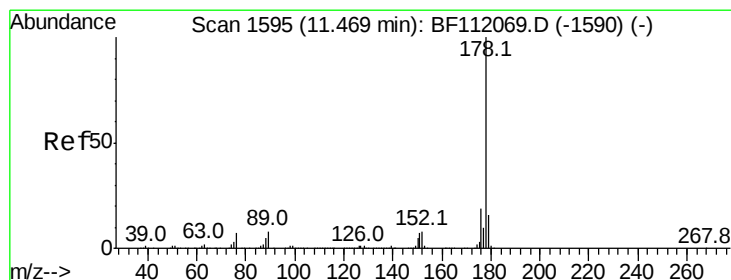
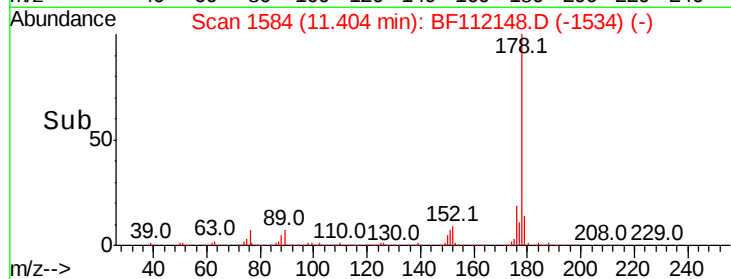
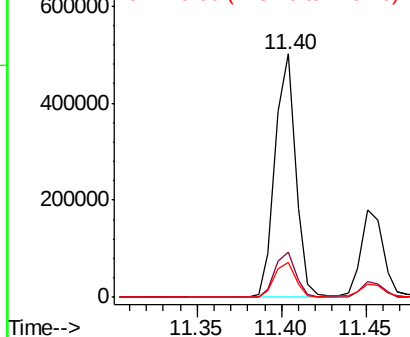
Tot Ion:178	Resp:	423922
Ion Ratio	Lower	Upper
178	100	
176	18.6	16.3 24.5
179	14.6	13.0 19.4

Manual Integrations
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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



#72

Anthracene

Concen: 4.960 ng

RT: 11.45 min Scan# 1592

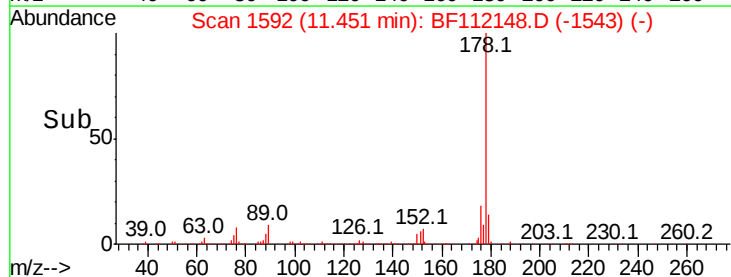
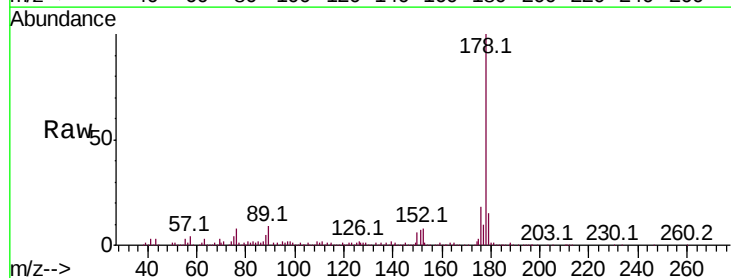
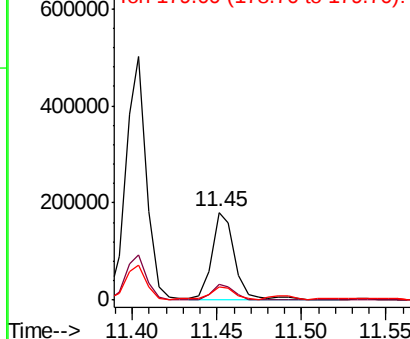
Delta R.T. -0.01 min

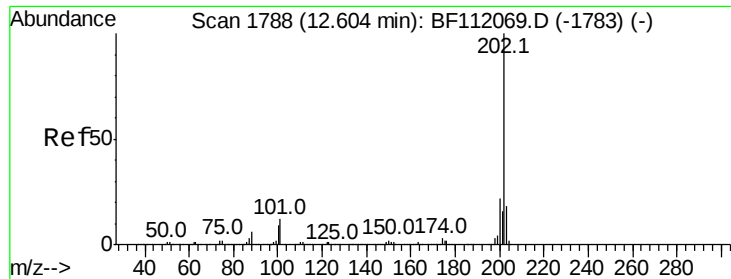
Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Tgt Ion:178	Resp:	171066
Ion Ratio	Lower	Upper
178	100	
176	18.4	15.5 23.3
179	14.6	12.8 19.2

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: 20.904 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Instrument :

BNA_F

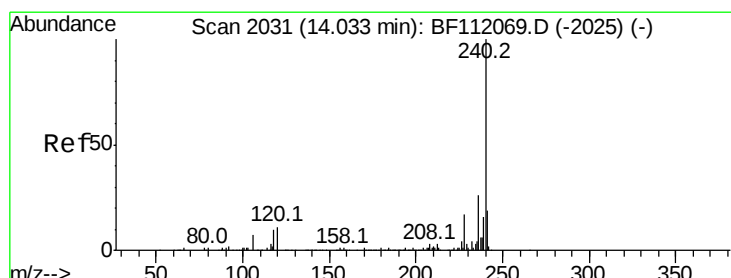
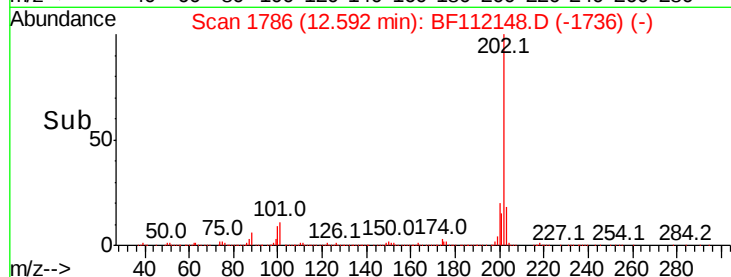
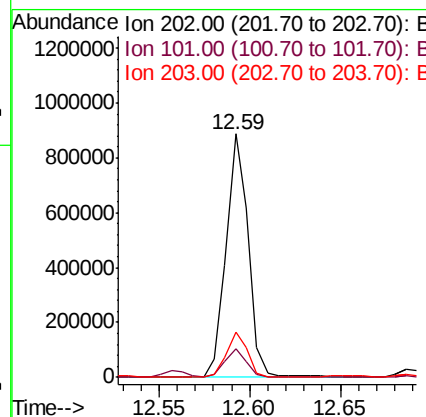
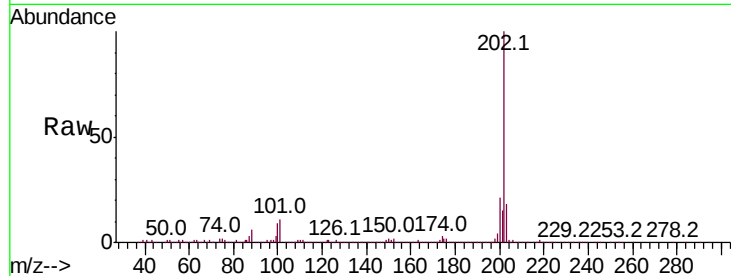
ClientSampleId :

SU-01-011719-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.5	0.0	31.8
203	18.4	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

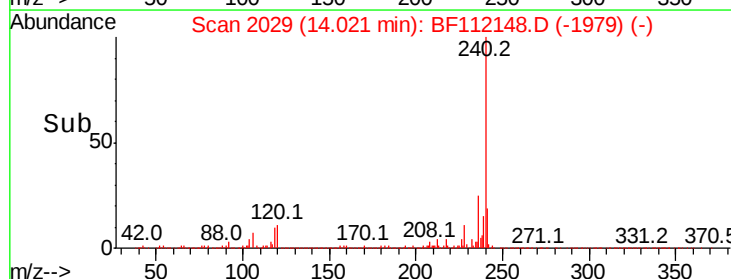
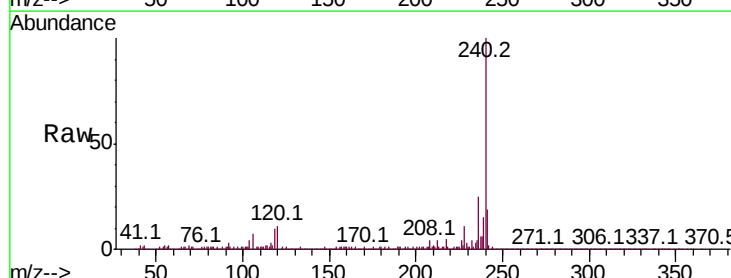
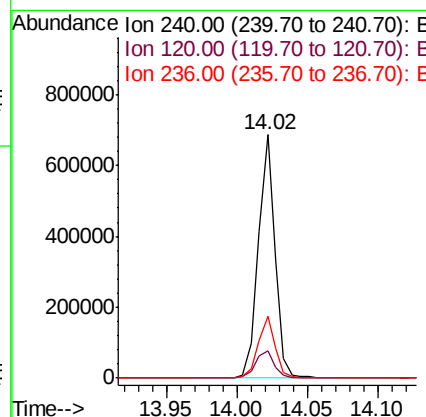
RT: 14.02 min Scan# 2029

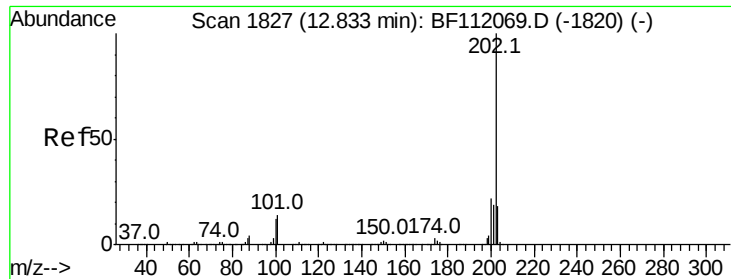
Delta R.T. -0.01 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	9.0	13.6
236	25.4	20.7	31.1





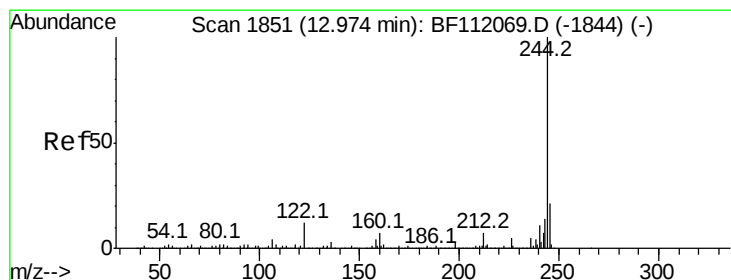
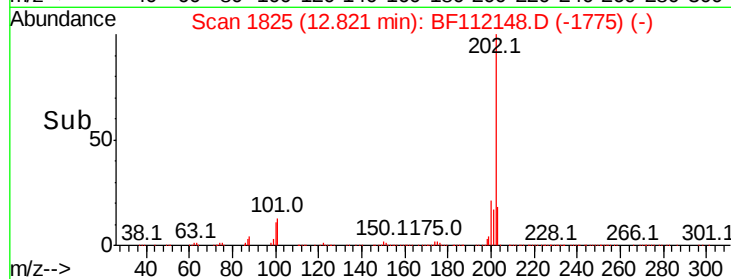
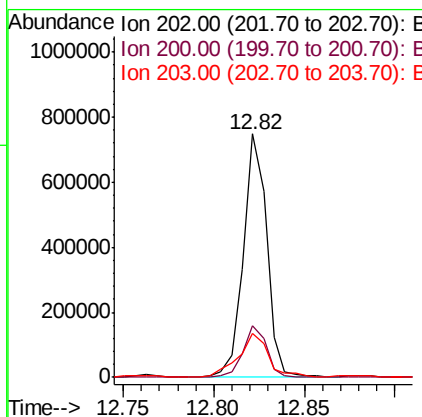
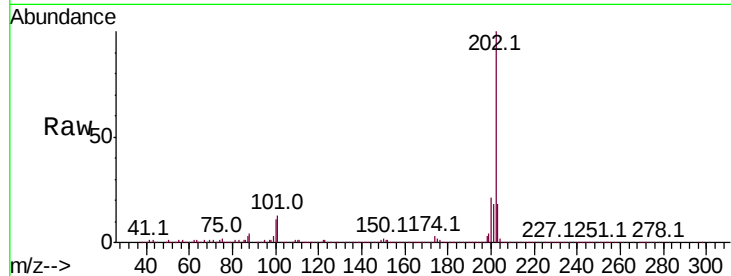
#78
Pvrene
Concen: 17.870 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.1	14.6	22.0

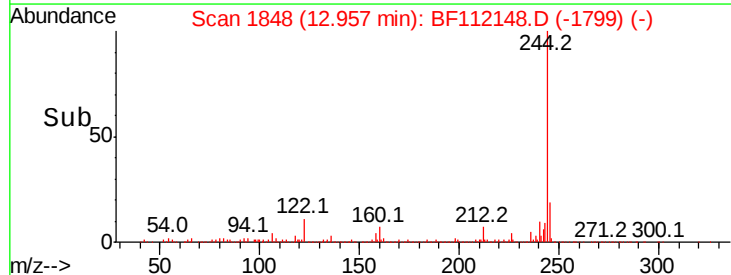
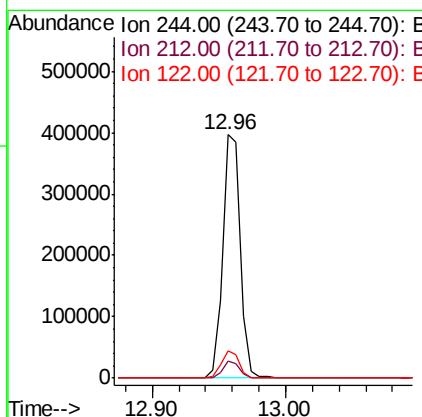
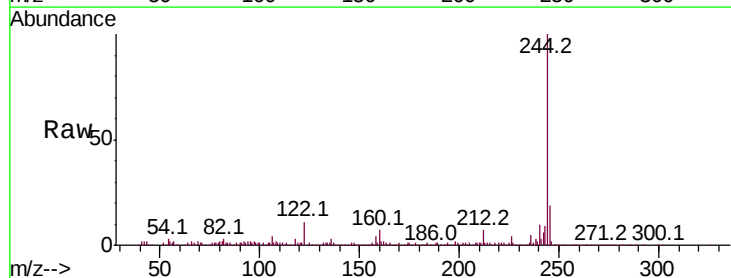
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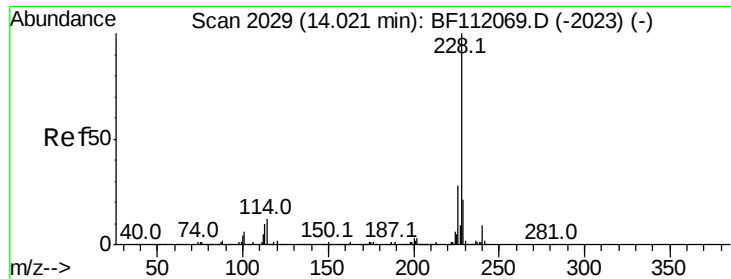
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#79
Terphenyl-d14
Concen: 13.803 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	11.5	9.8	14.6





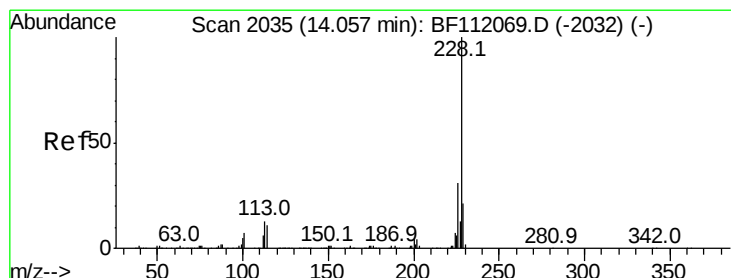
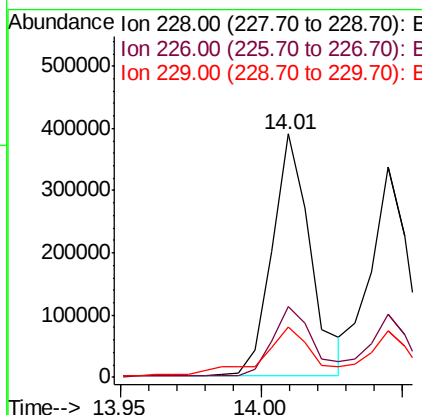
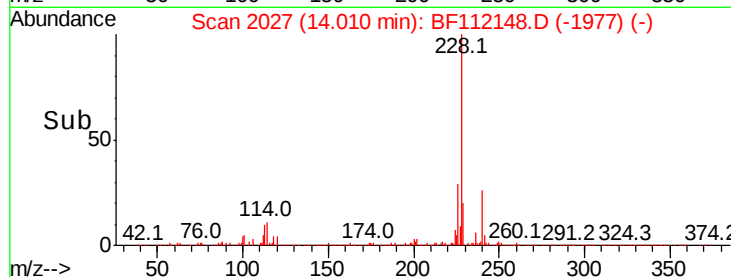
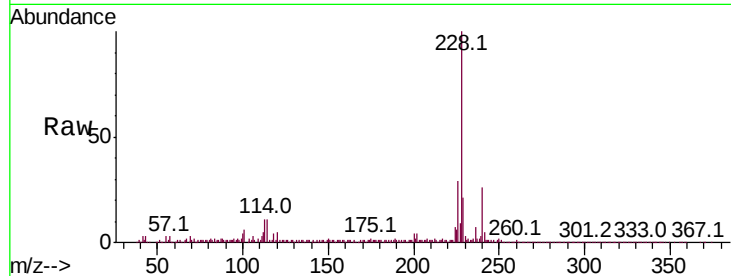
#81
Benzo(a)anthracene
Concen: 11.304 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	34.0
229	20.7	16.5	24.7

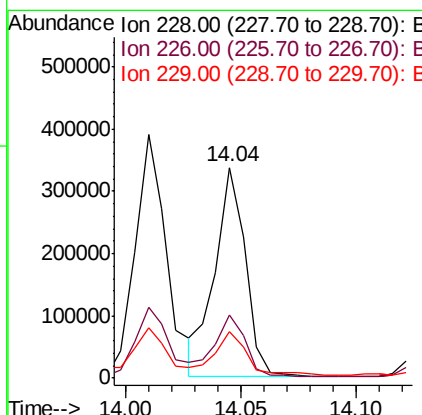
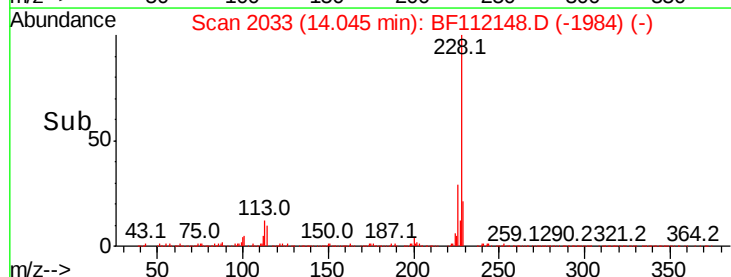
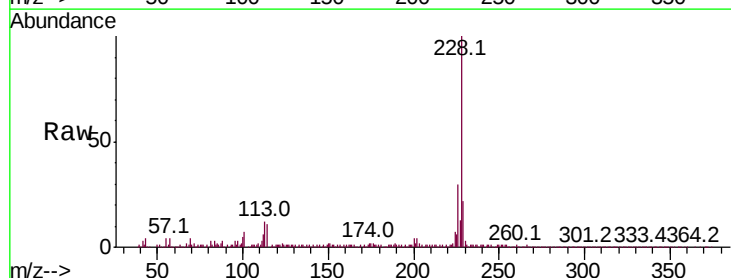
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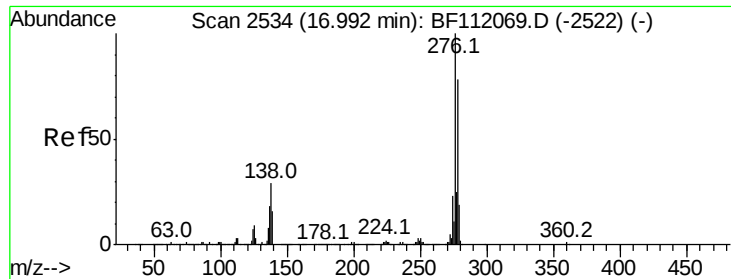
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#83
Chrysene
Concen: 10.019 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.3	16.6	24.8





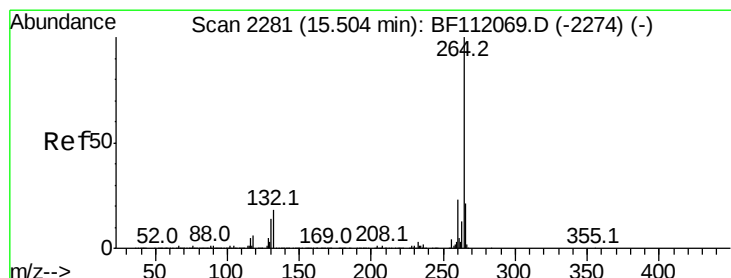
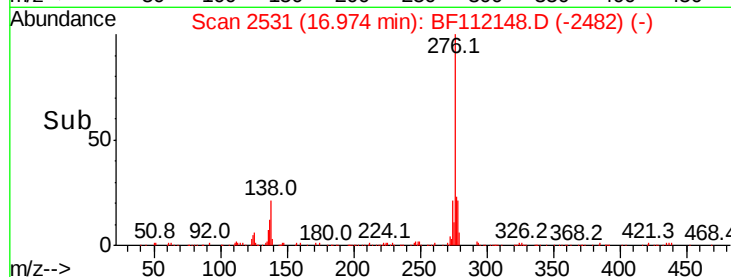
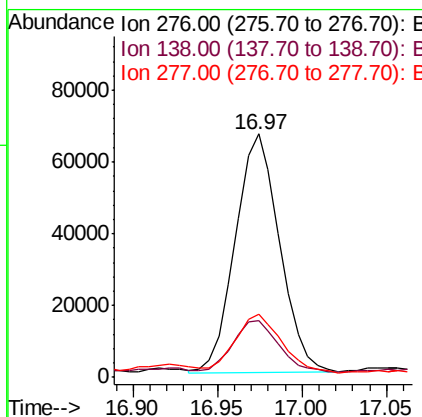
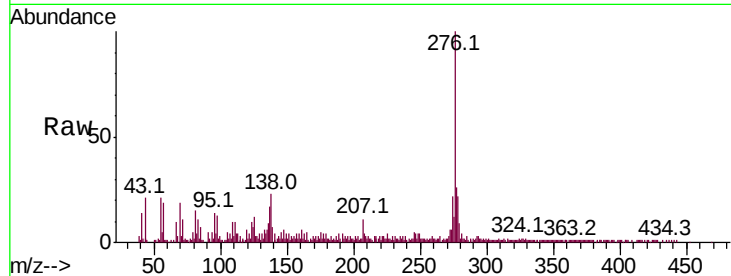
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.258 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.01 min
 Lab File: BF112148.D
 Acq: 19 Jan 2019 2:02

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	22.6	34.0
277	24.4	20.3	30.5

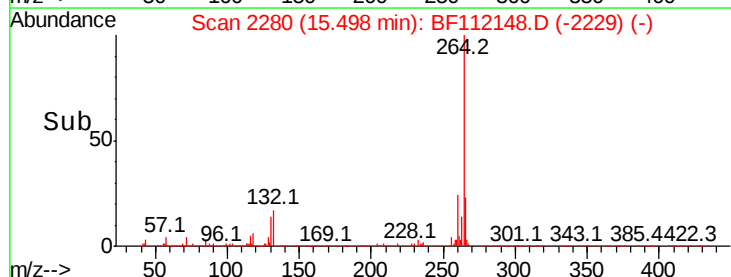
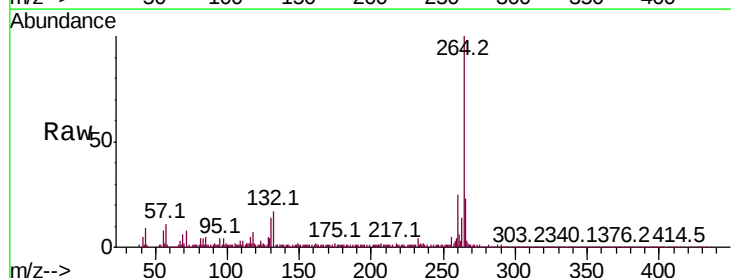
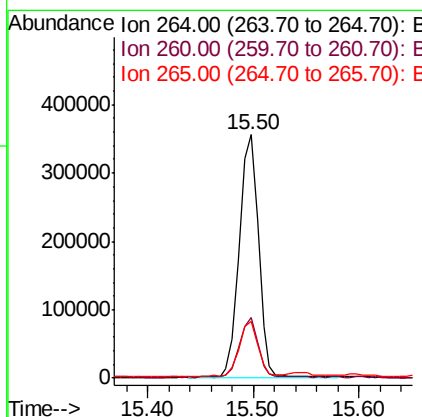
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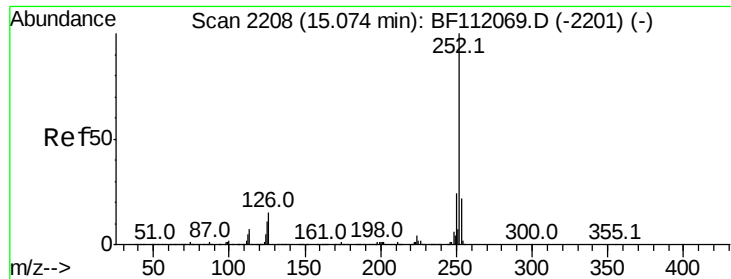
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF112148.D
 Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	23.2	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 13.996 ng m

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

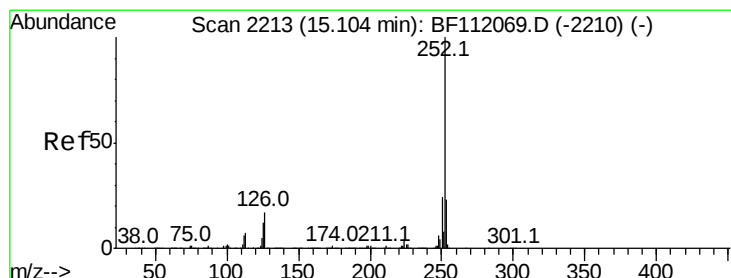
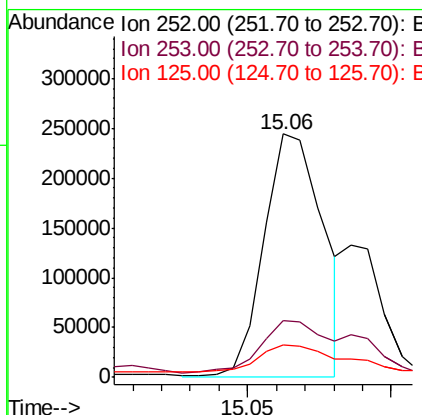
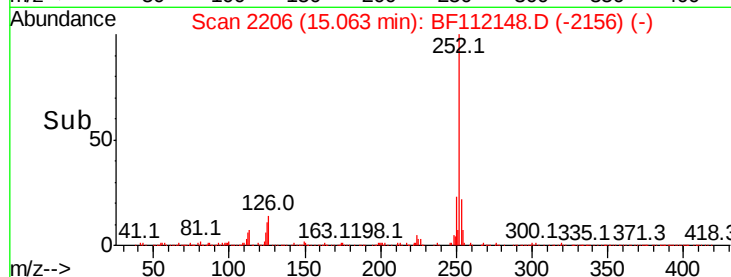
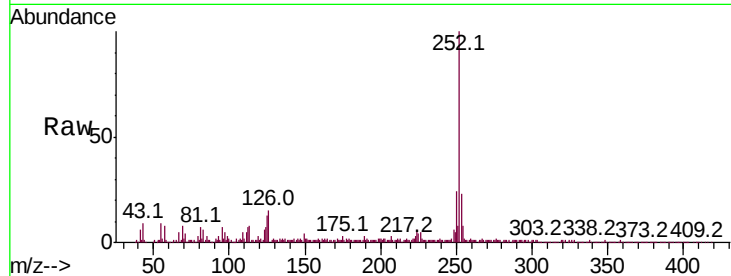
Instrument :
BNA_F

ClientSampleId :
SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	13.2	8.7	13.1

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#89

Benzo(k)fluoranthene

Concen: 5.329 ng m

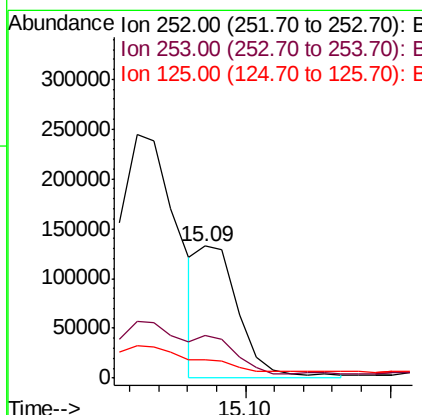
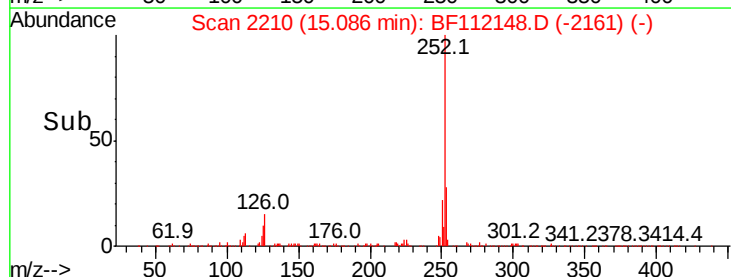
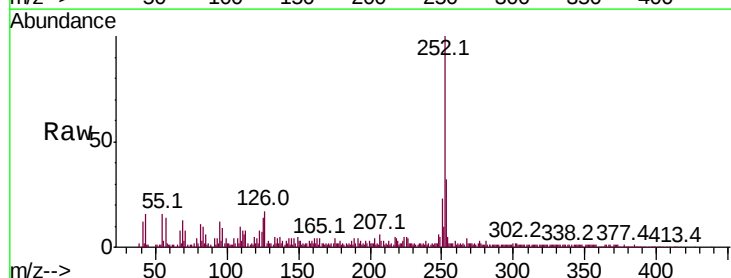
RT: 15.09 min Scan# 2210

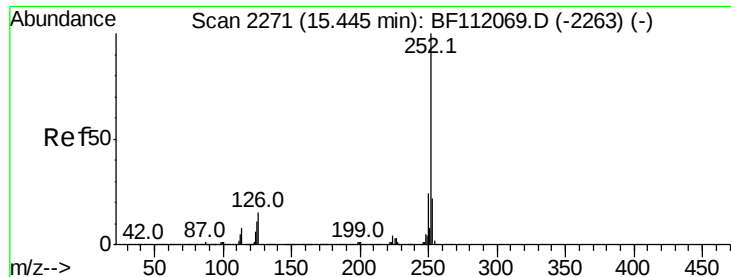
Delta R.T. -0.01 min

Lab File: BF112148.D

Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.0	18.0	27.0
125	14.2	9.1	13.7





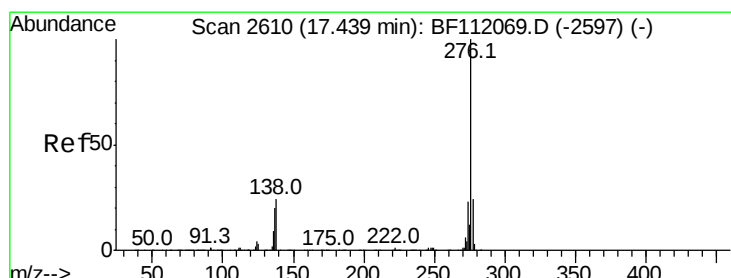
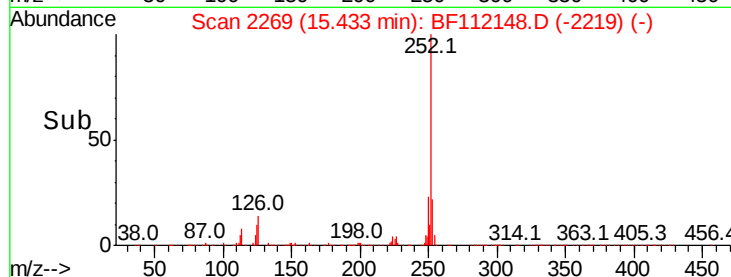
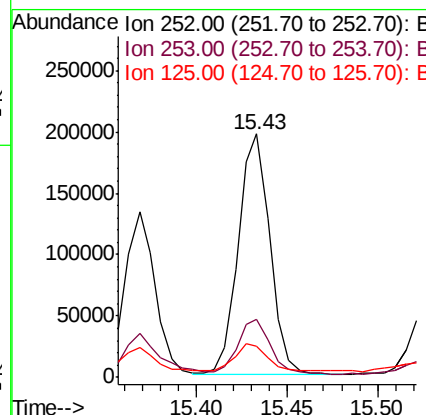
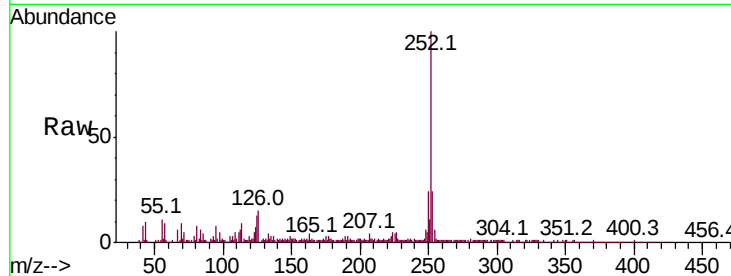
#90
Benzo(a)pyrene
Concen: 10.287 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Instrument :
BNA_F
ClientSampleId :
SU-01-011719-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	12.9	9.0	13.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.548 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF112148.D
Acq: 19 Jan 2019 2:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.4	29.0
138	23.8	19.1	28.7

