

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112480.D
 Acq On : 11 Feb 2019 15:01
 Operator : JU/SJ
 Sample : K1356-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-020819-A

Manual Integrations
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Sohil
 2/12/2019 11:57:00 AM

Quant Time: Feb 11 17:20:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	131587	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	517324	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	252341	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	449224	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	298784	20.00	ng	0.00
87) Perylene-d12	15.47	264	307900	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	751482	121.30	ng	-0.01
7) Phenol-d6	6.48	99	951644	110.55	ng	-0.01
23) Nitrobenzene-d5	7.39	82	602487	67.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	287015	97.72	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1231466	69.02	ng	-0.02
79) Terphenyl-d14	12.94	244	1077519	67.92	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	65634	6.950	ng	89
50) Dimethylphthalate	9.58	163	122945	6.271	ng	99
71) Phenanthrene	11.38	178	85100	3.644	ng	95
75) Fluoranthene	12.57	202	173135	6.912	ng	98
78) Pyrene	12.80	202	153451	7.418	ng	97
81) Benzo(a)anthracene	13.99	228	82544	4.700	ng	96
83) Chrysene	14.03	228	80187m	4.783	ng	
86) Indeno(1,2,3-cd)pyrene	16.96	276	38882	2.927	ng	92
88) Benzo(b)fluoranthene	15.04	252	90979m	4.941	ng	
90) Benzo(a)pyrene	15.42	252	62895	3.796	ng	95
92) Benzo(a,h,i)perylene	17.42	276	39341	3.123	ng	# 90

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

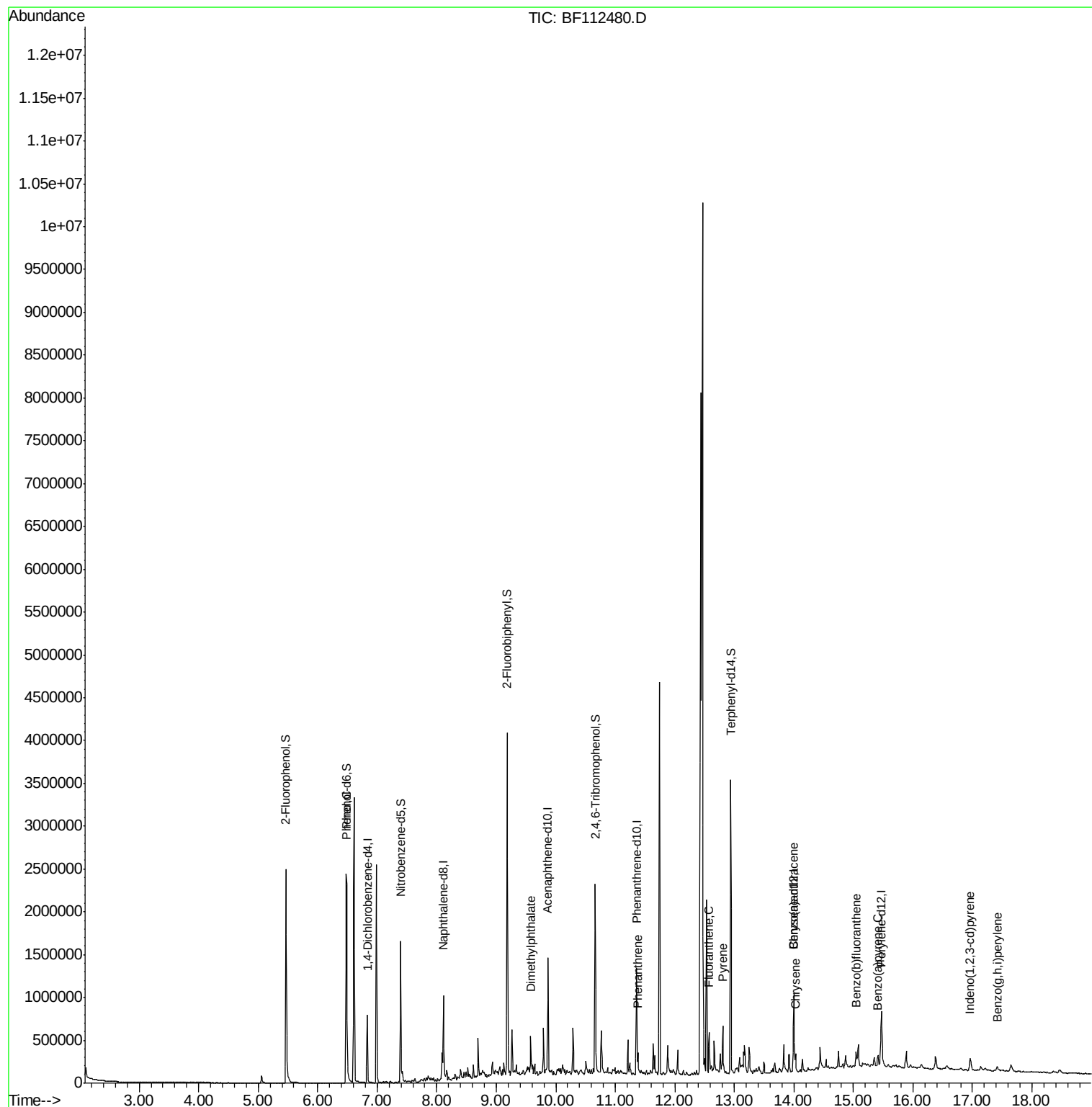
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
Data File : BF112480.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

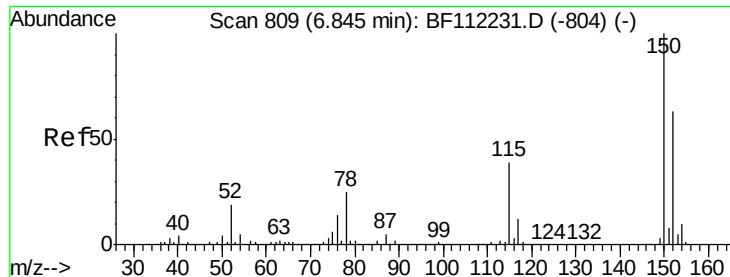
Instrument :
BNA_F
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SU-03-020819-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

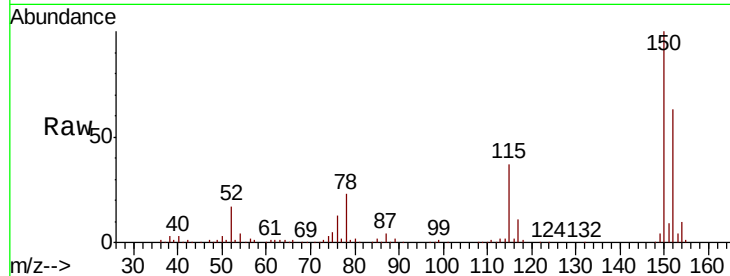
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.4	191.0
115	58.5	45.5	68.3

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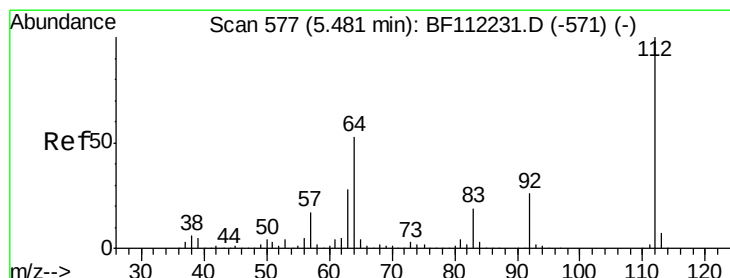
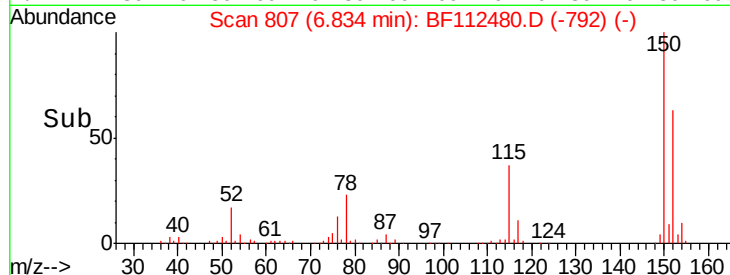
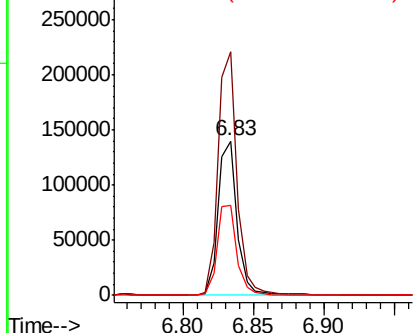


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

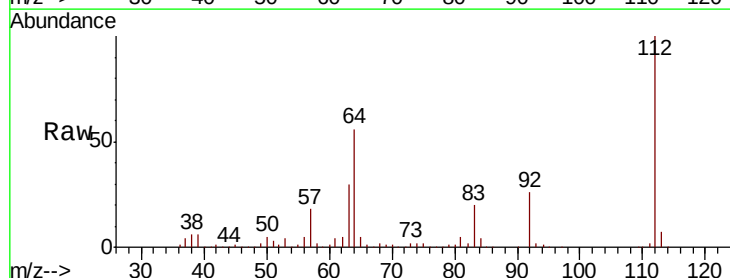
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.304 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.7	68.5
63	30.1	23.6	35.4

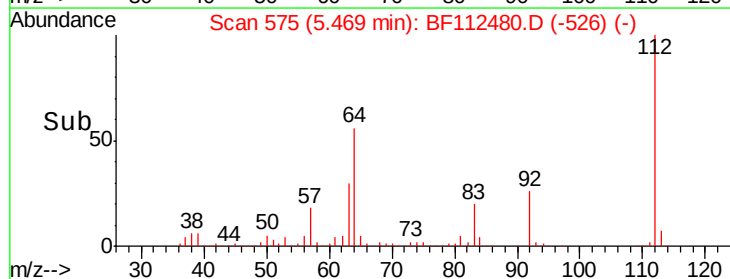
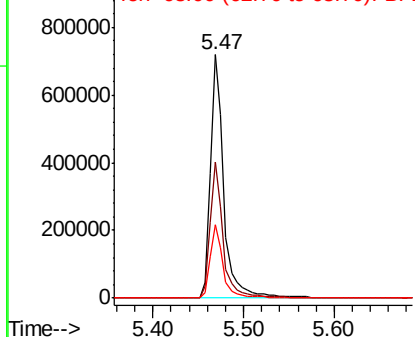


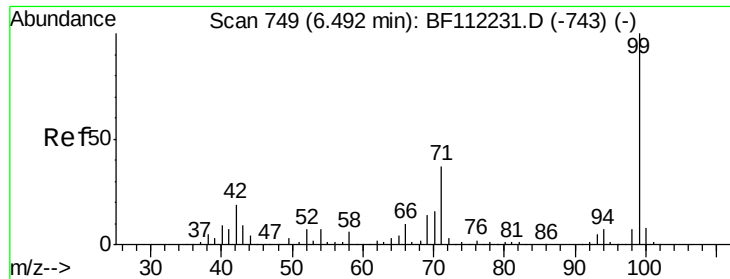
Abundance

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: 110.549 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Instrument :

BNA_F

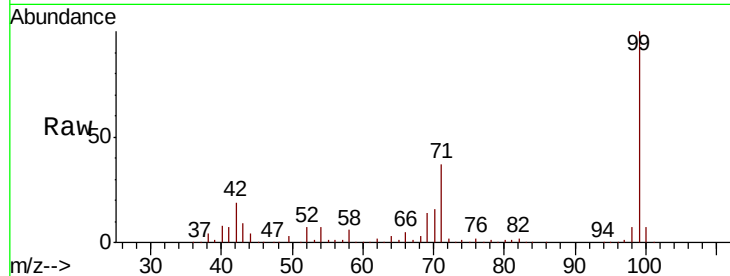
ClientSampleId :

SU-03-020819-A

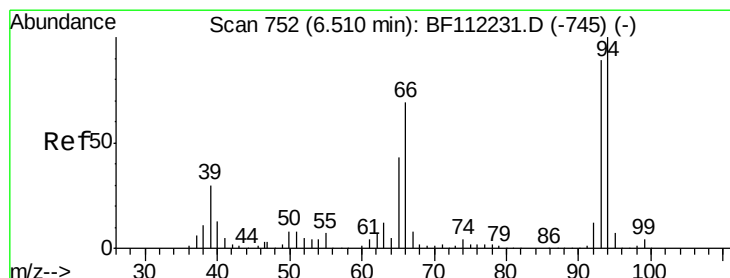
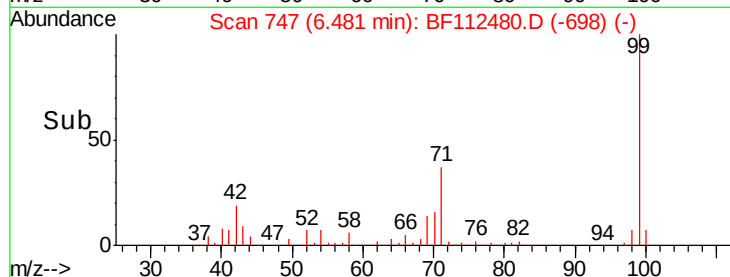
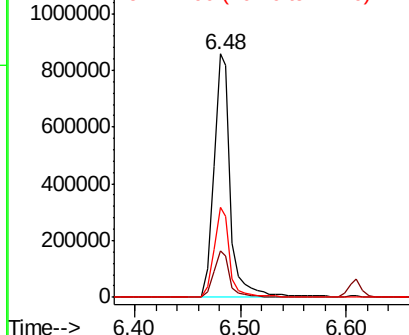
Tot Ion:	99	Resp:	951644
Ion Ratio	Lower	Upper	
99	100		
42	19.2	15.1	22.7
71	36.8	26.9	40.3

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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



#10

Phenol

Concen: 6.950 ng

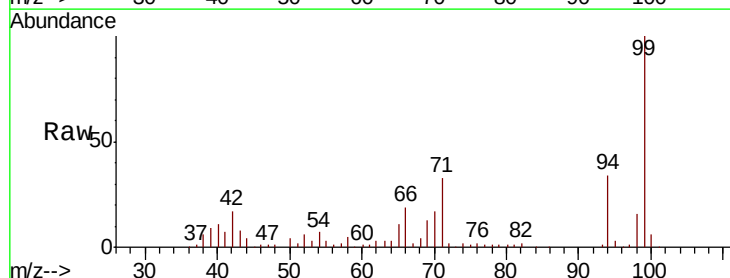
RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

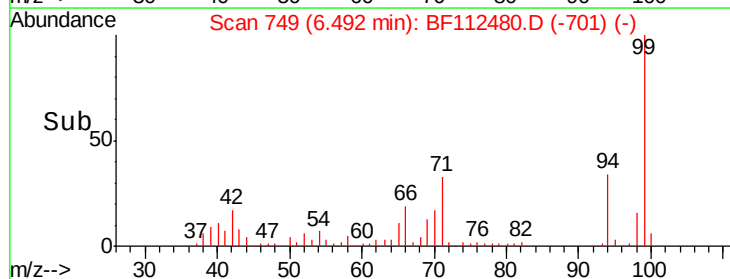
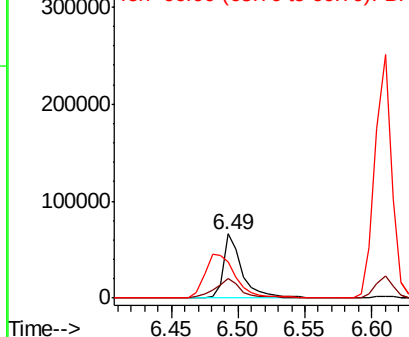
Lab File: BF112480.D

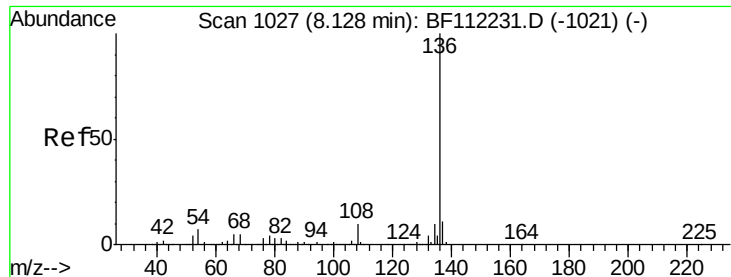
Acq: 11 Feb 2019 15:01

Tgt Ion:	94	Resp:	65634
Ion Ratio	Lower	Upper	
94	100		
65	30.8	20.3	60.3
66	55.9	42.4	82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Instrument :

BNA_F

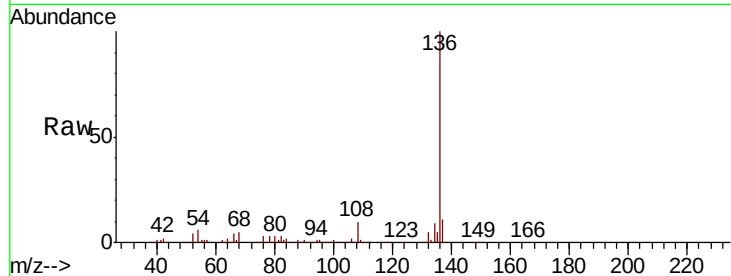
ClientSampleId :

SU-03-020819-A

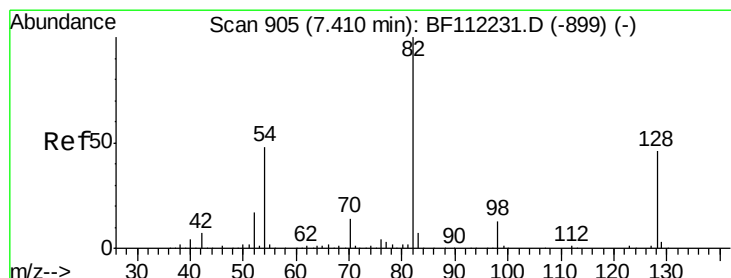
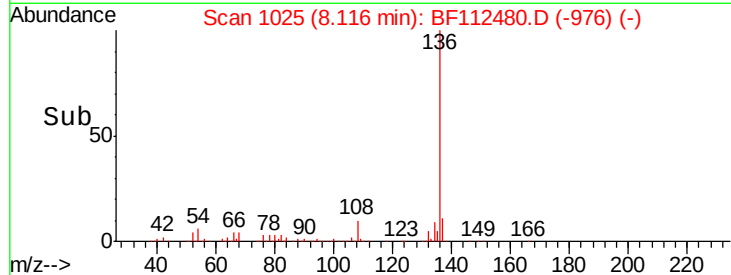
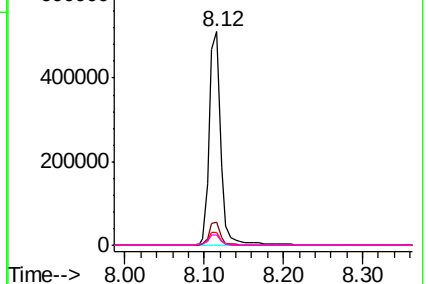
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	5.9	5.9	8.9#	
68	4.5	5.1	7.7#	

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Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0



#23

Nitrobenzene-d5

Concen: 67.105 ng

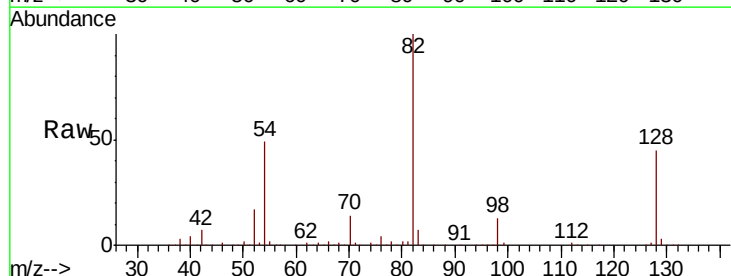
RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

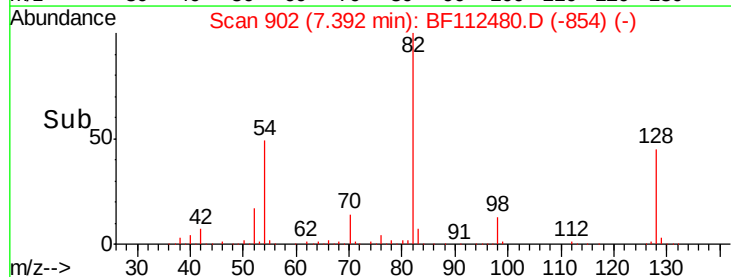
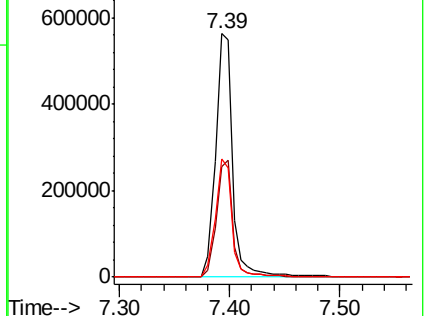
Lab File: BF112480.D

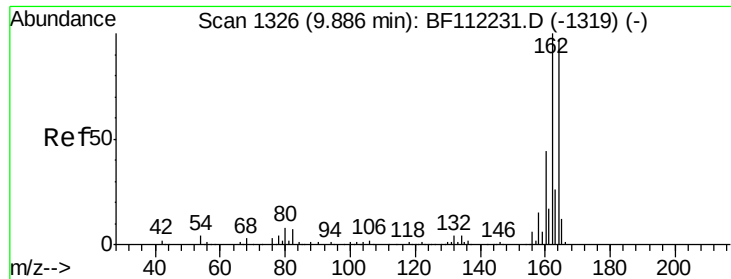
Acq: 11 Feb 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	37.8	56.8	
54	48.8	39.7	59.5	



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
400000
Ion 54.00 (53.70 to 54.70): BF1
200000
0





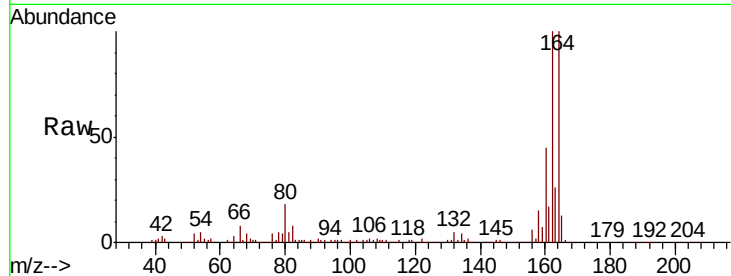
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	82.2	123.4	
160	45.3	36.2	54.4	

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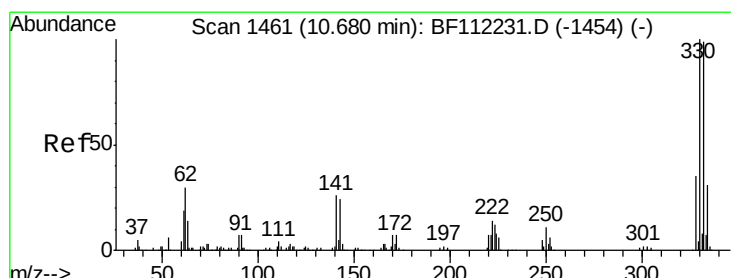
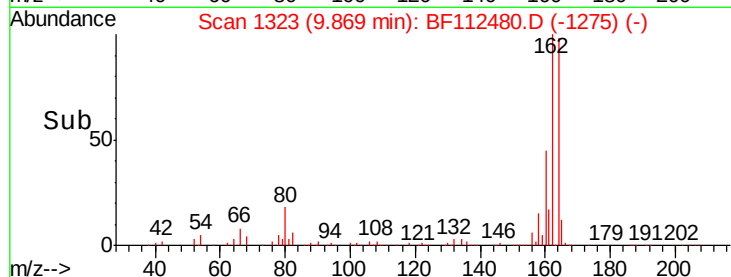
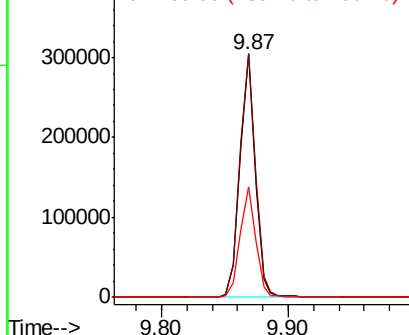


Abundance

Ion 164.00 (163.70 to 164.70): E

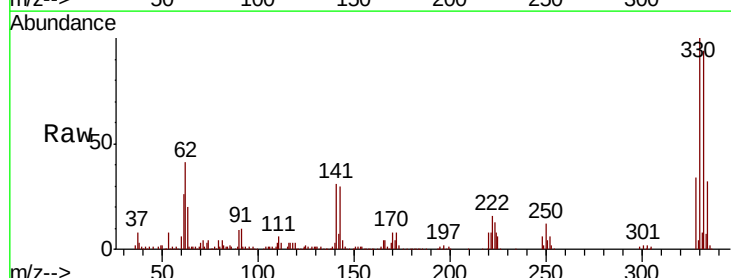
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 97.718 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	76.6	114.8	
141	32.6	24.3	36.5	

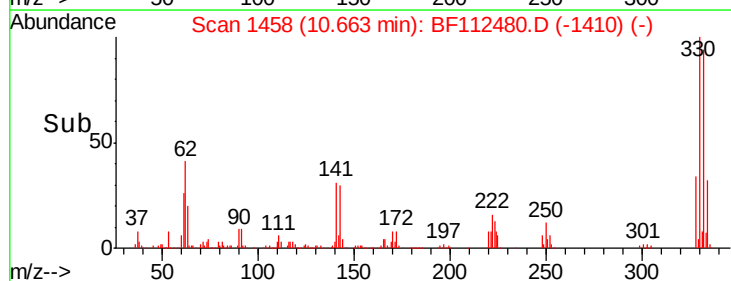
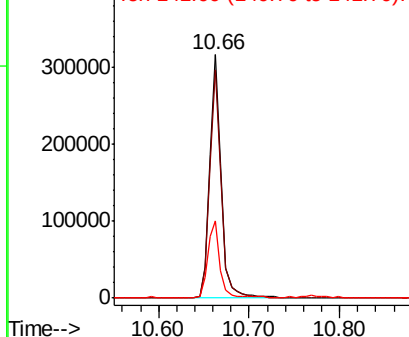


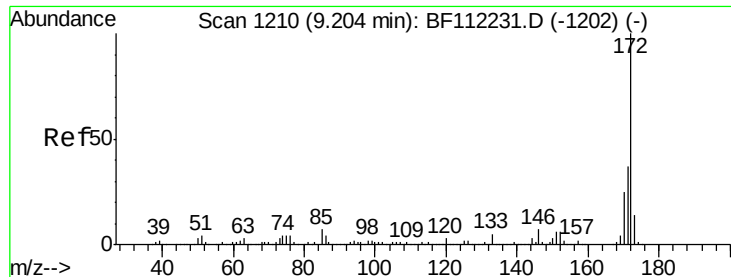
Abundance

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





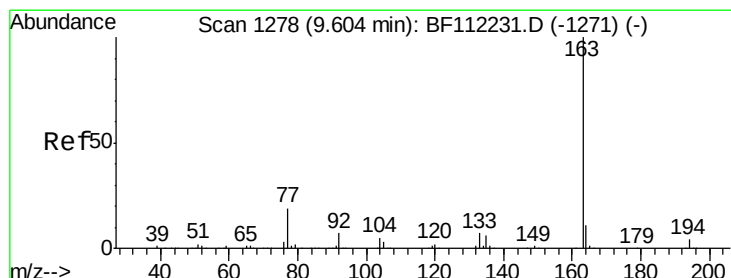
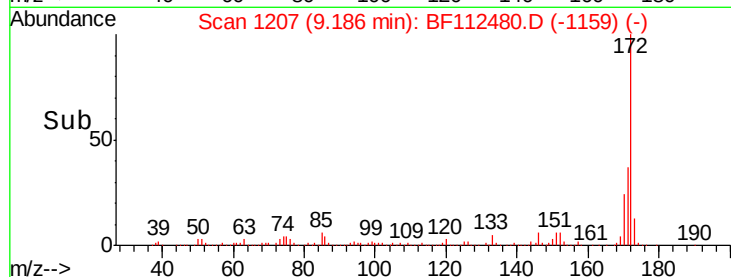
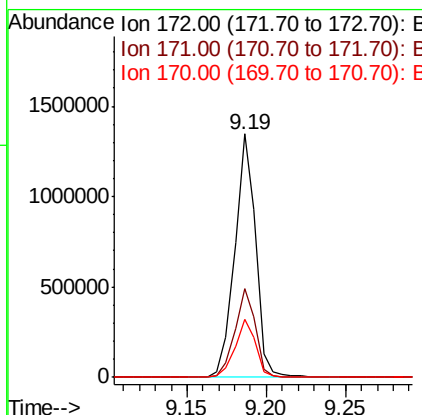
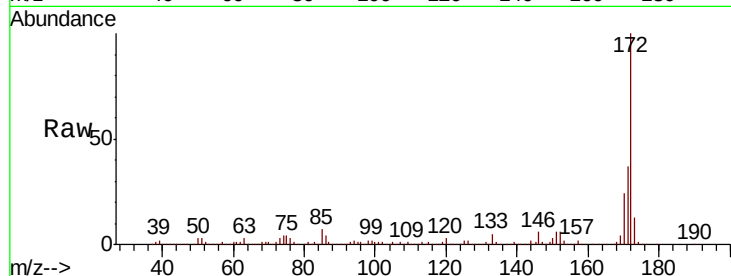
#45
2-Fluorobiphenyl
Concen: 69.022 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	24.0	20.2	30.4

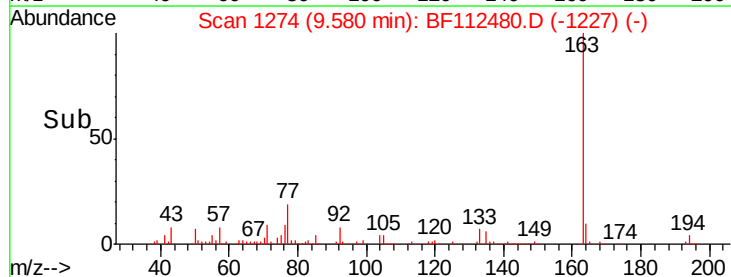
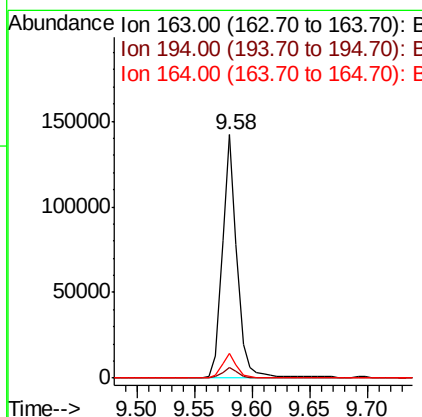
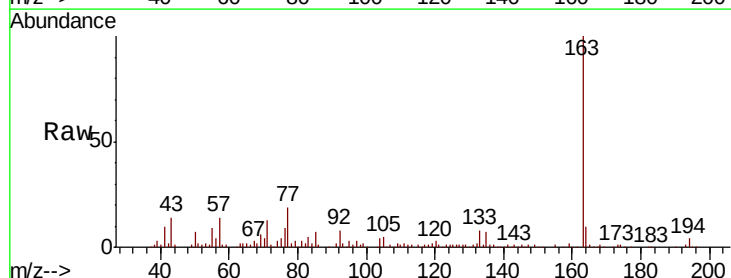
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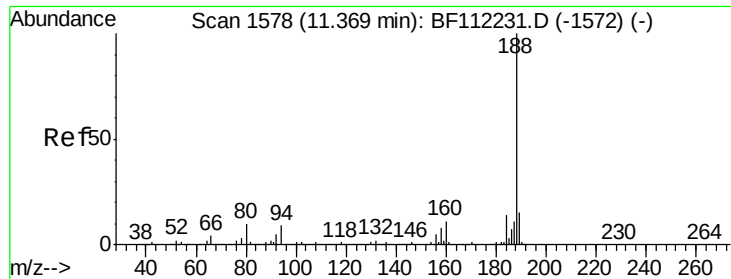
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#50
Dimethylphthalate
Concen: 6.271 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.9	8.5	12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Instrument :

BNA_F

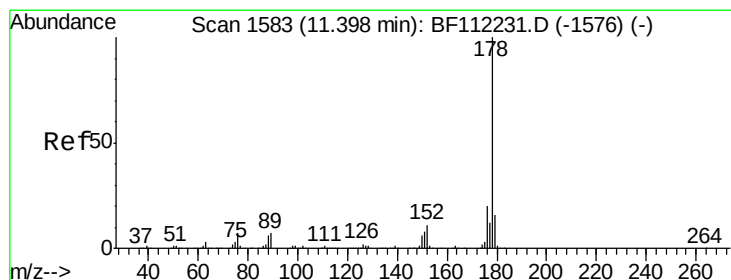
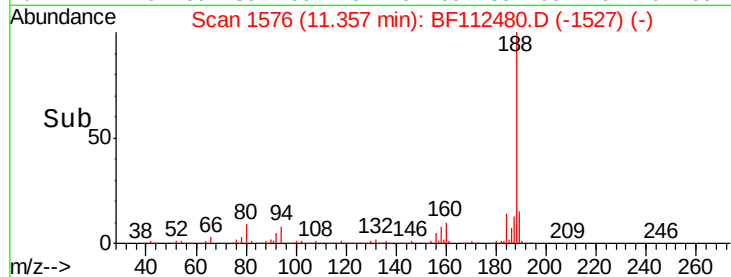
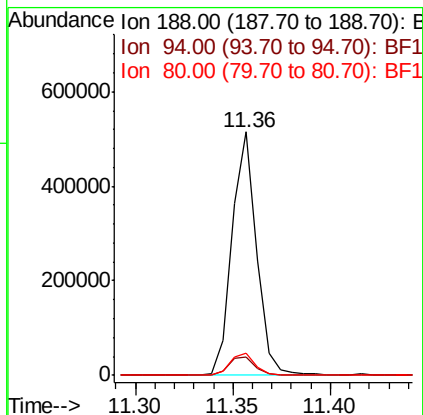
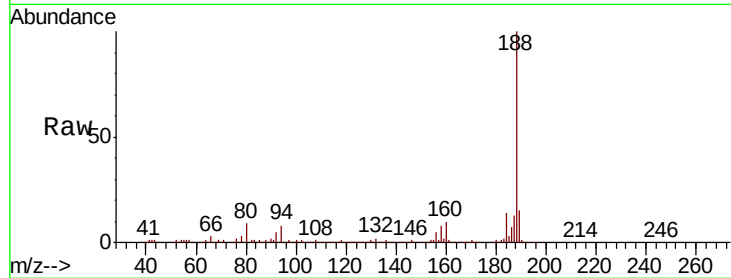
ClientSampleId :

SU-03-020819-A

Tot Ion:	188	Resp:	449224
Ion Ratio	Lower	Upper	
188	100		
94	7.6	8.2	12.2#
80	8.9	8.9	13.3

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#71

Phenanthrene

Concen: 3.644 ng

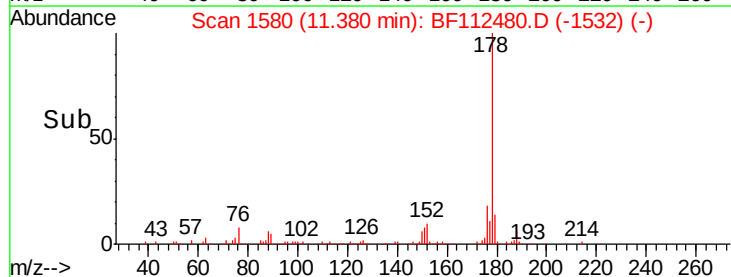
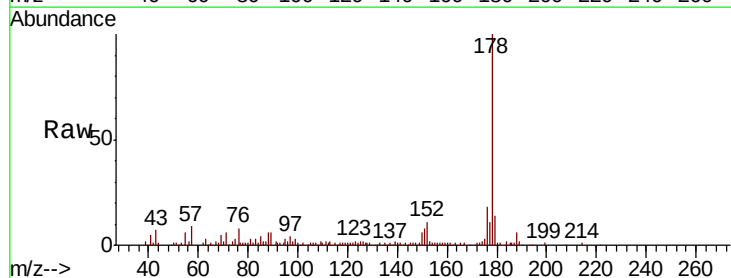
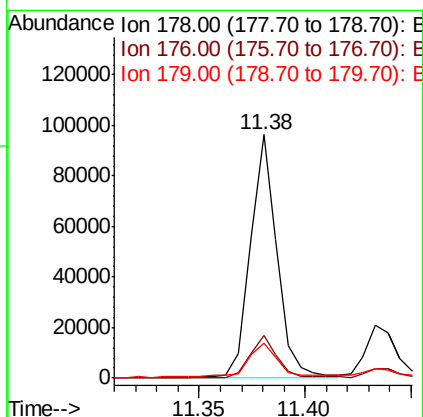
RT: 11.38 min Scan# 1580

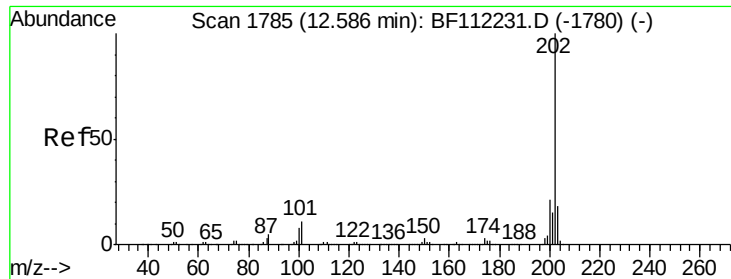
Delta R.T. -0.02 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Tgt Ion:	178	Resp:	85100
Ion Ratio	Lower	Upper	
178	100		
176	17.7	16.3	24.5
179	14.3	13.0	19.4





#75

Fluoranthene

Concen: 6.912 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Instrument :

BNA_F

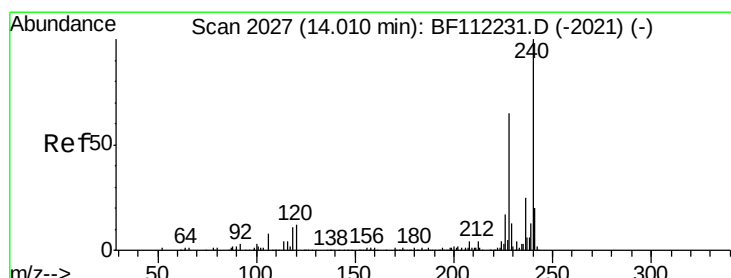
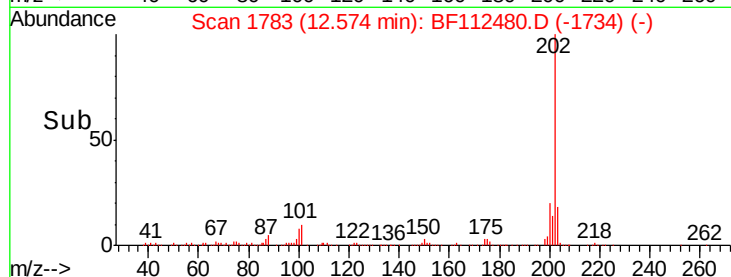
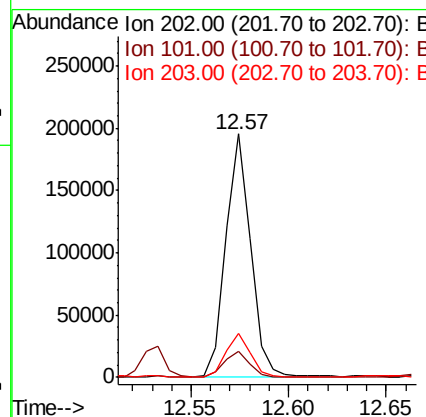
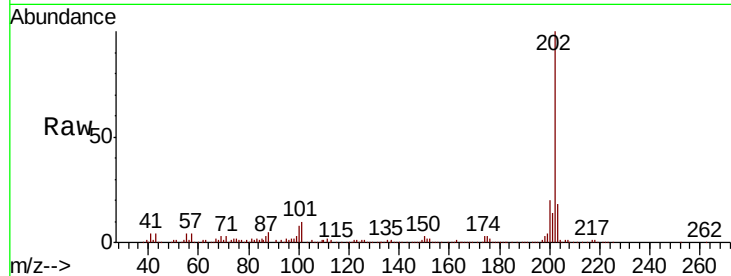
ClientSampleId :

SU-03-020819-A

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	31.8
203	18.0	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

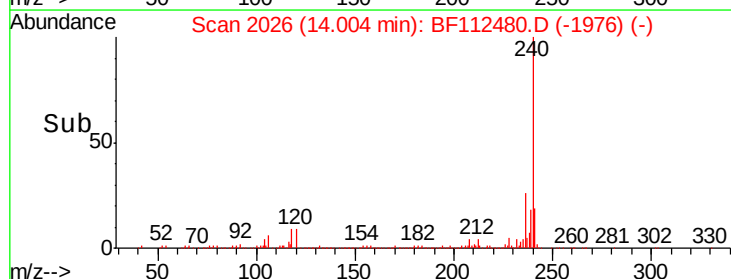
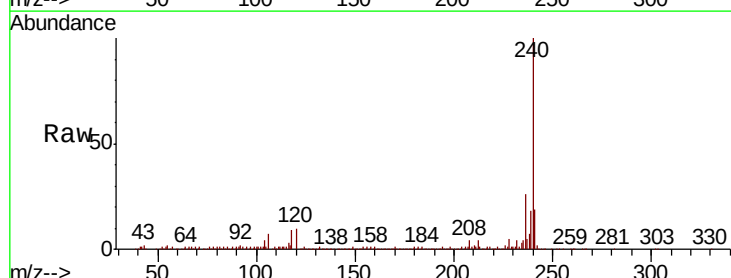
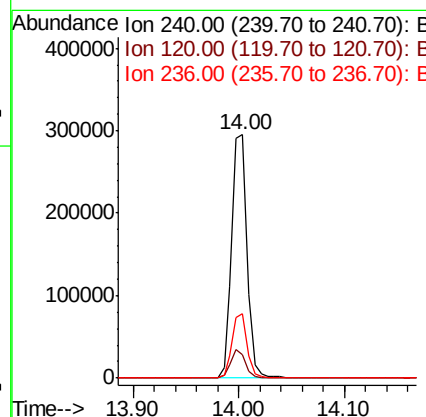
RT: 14.00 min Scan# 2026

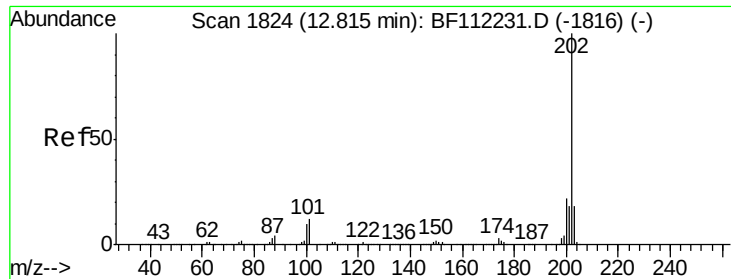
Delta R.T. -0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	9.0	13.6
236	26.2	20.7	31.1





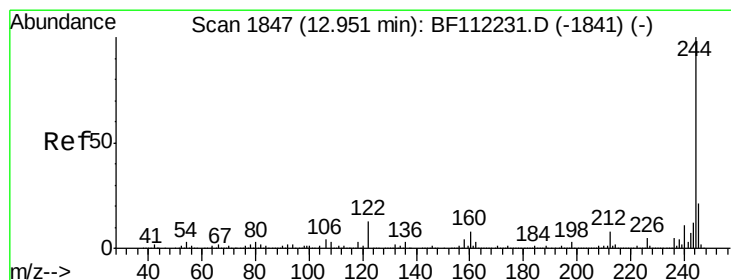
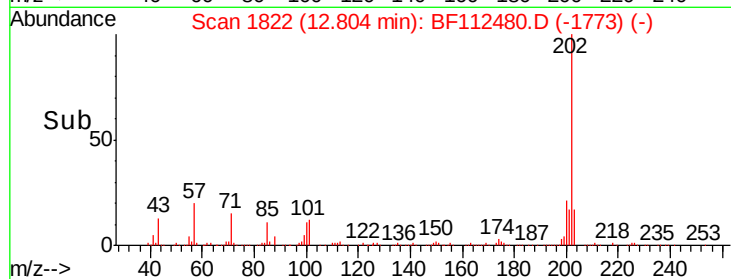
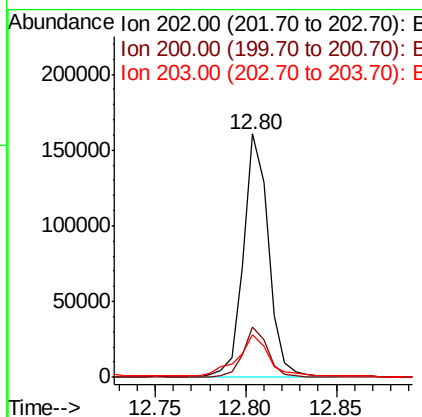
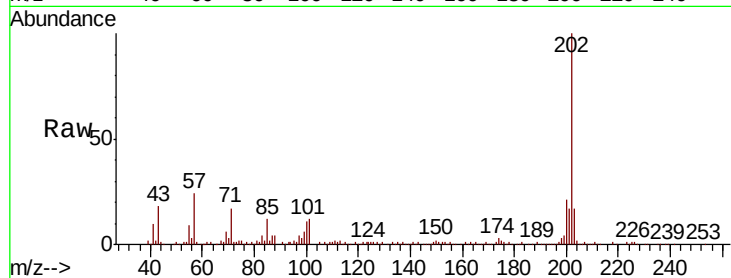
#78
Pvrene
Concen: 7.418 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.4	14.6	22.0

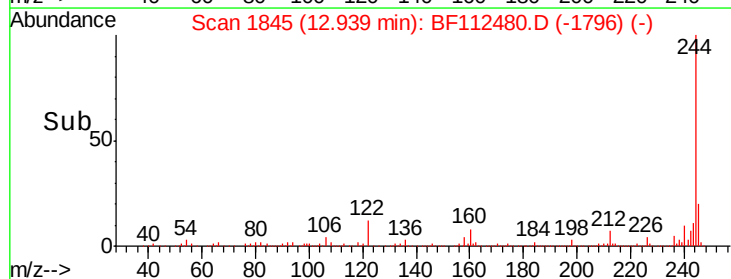
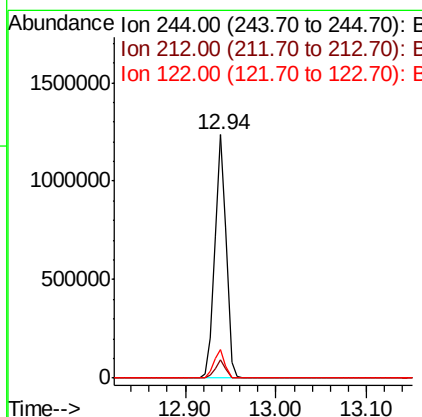
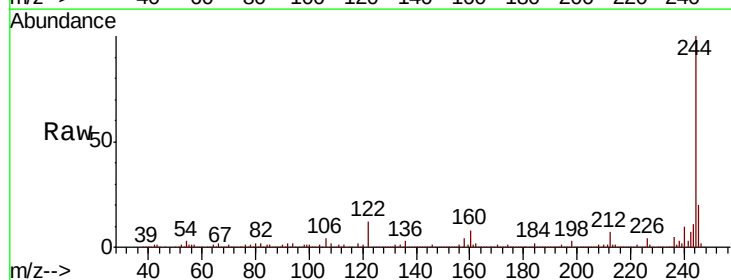
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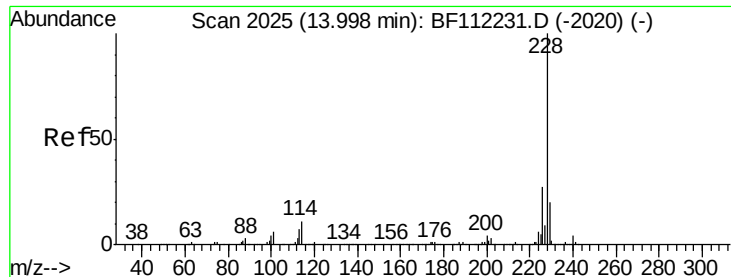
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#79
Terphenyl-d14
Concen: 67.924 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.6	9.8	14.6





#81

Benzo(a)anthracene

Concen: 4.700 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Instrument :

BNA_F

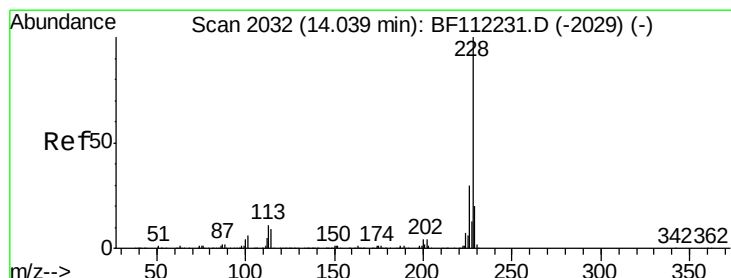
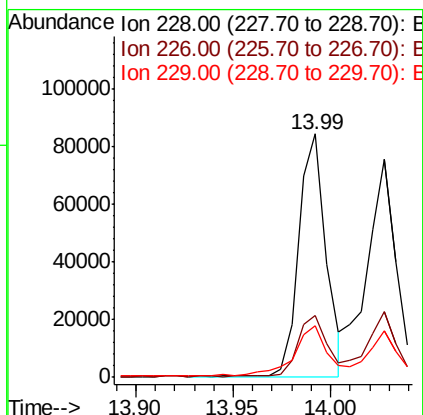
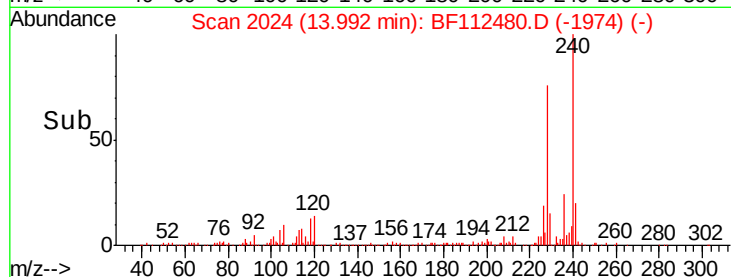
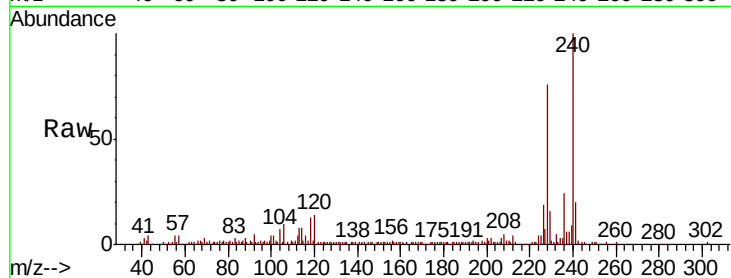
ClientSampleId :

SU-03-020819-A

Tot Ion:	228	Resp:	82544
Ion Ratio	Lower	Upper	
228	100		
226	25.5	22.6	34.0
229	21.2	16.5	24.7

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#83

Chrysene

Concen: 4.783 ng m

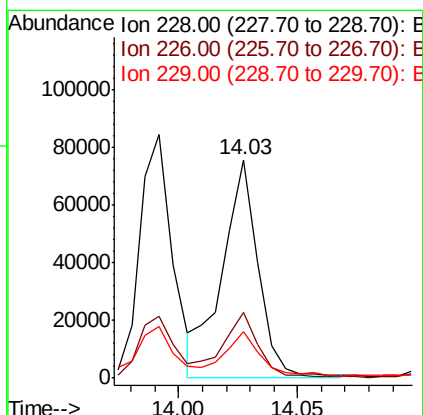
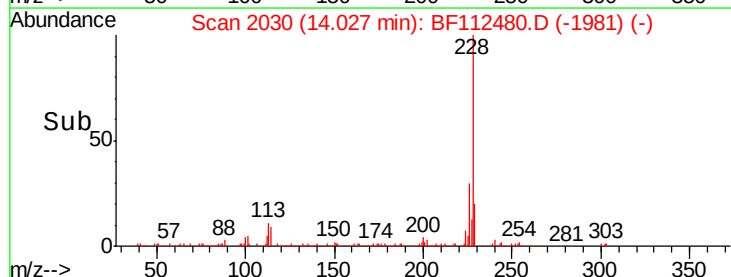
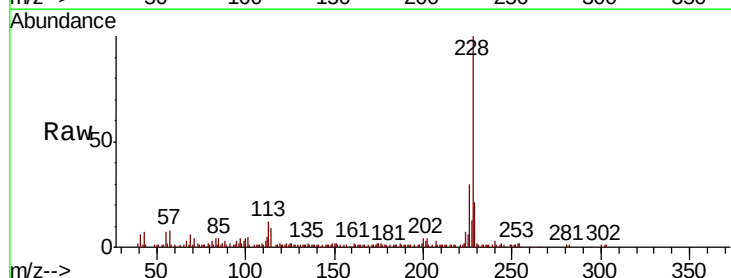
RT: 14.03 min Scan# 2030

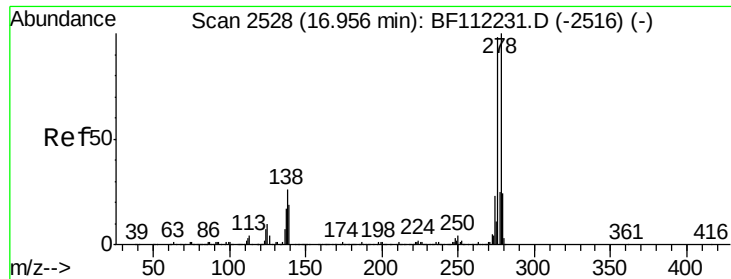
Delta R.T. -0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Tgt Ion:	228	Resp:	80187
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.0	37.6
229	21.2	16.6	24.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.927 ng

RT: 16.96 min Scan# 2529

Delta R.T. 0.01 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

Instrument :

BNA_F

ClientSampleId :

SU-03-020819-A

Tot Ion:276 Resp: 38882

Ion Ratio Lower Upper

276 100

138 22.7 22.6 34.0

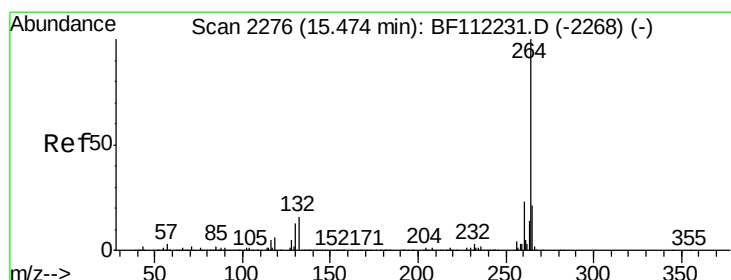
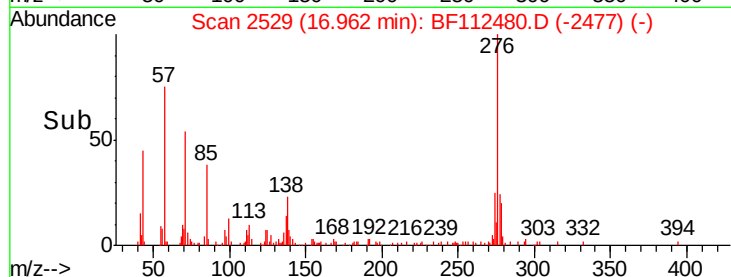
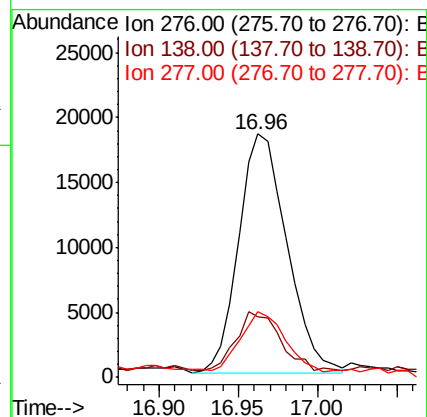
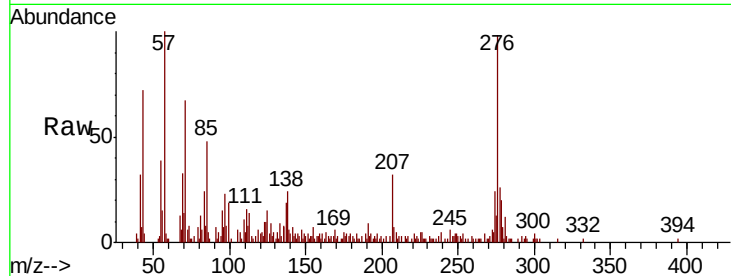
277 22.3 20.3 30.5

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#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF112480.D

Acq: 11 Feb 2019 15:01

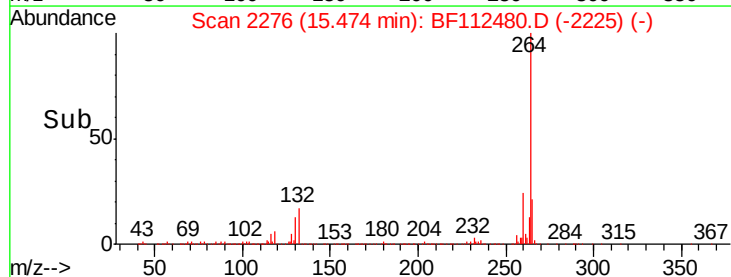
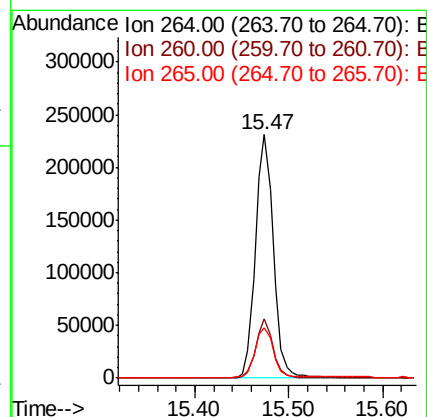
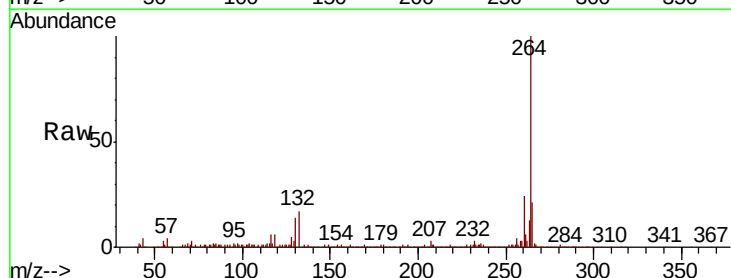
Tgt Ion:264 Resp: 307900

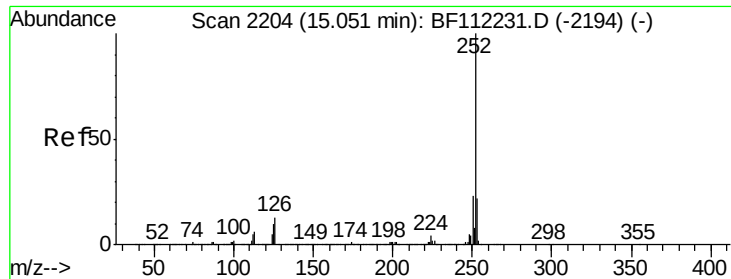
Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.2

265 20.8 17.0 25.4





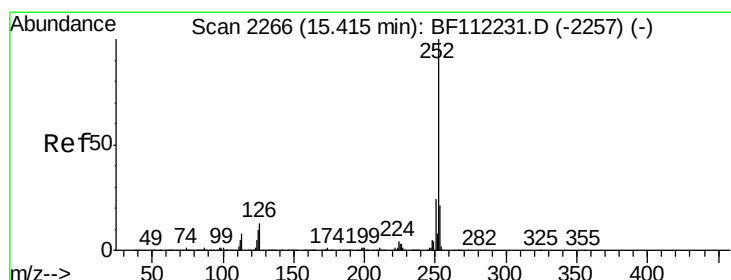
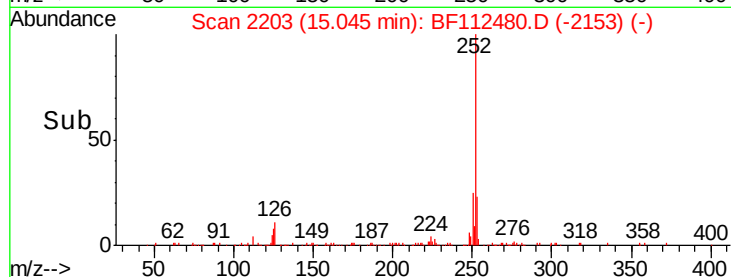
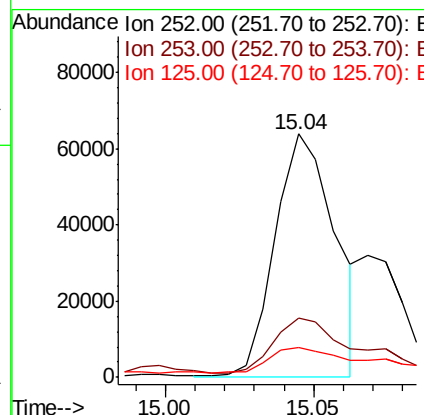
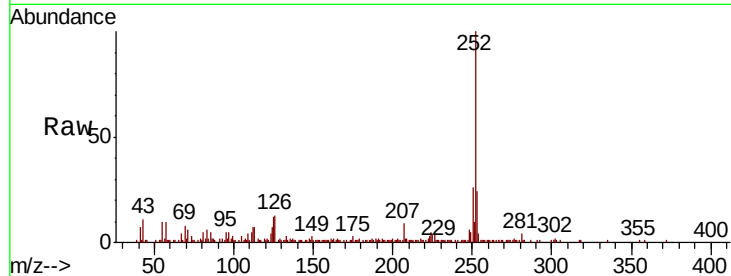
#88
Benzo(b)fluoranthene
Concen: 4.941 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Instrument :
BNA_F
ClientSampleId :
SU-03-020819-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.2	8.7	13.1

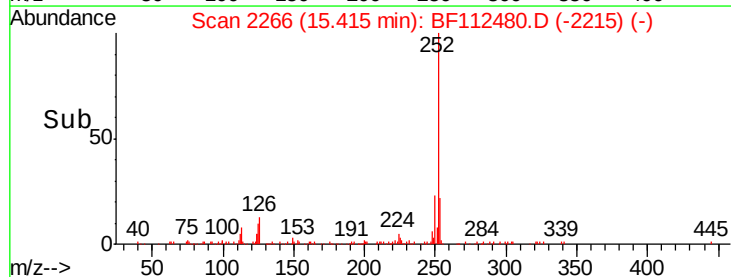
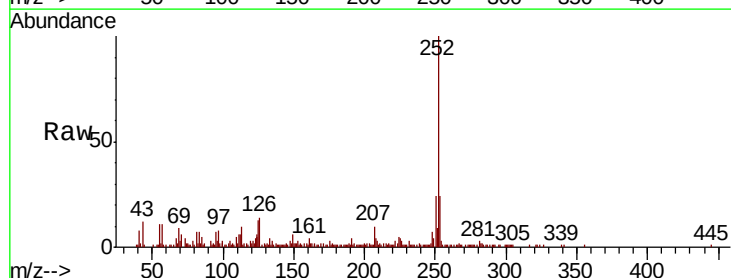
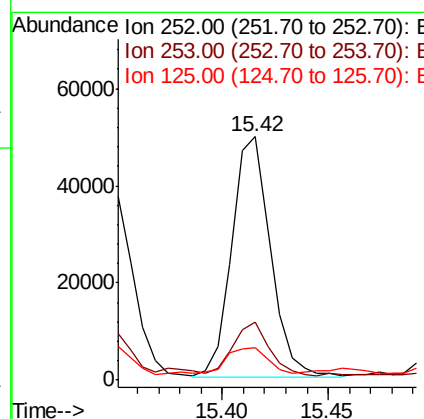
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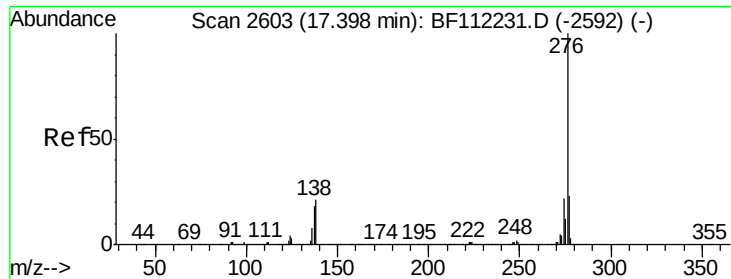
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#90
Benzo(a)pyrene
Concen: 3.796 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF112480.D
Acq: 11 Feb 2019 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	13.4	9.0	13.4





#92
 Benzo(a,h,i)perylene
 Concen: 3.123 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.02 min
 Lab File: BF112480.D
 Acq: 11 Feb 2019 15:01

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-020819-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.6	19.4	29.0
138	29.6	19.1	28.7

Manual Integrations
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Sohil
 2/12/2019 11:57:00 AM

