

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113038.D
 Acq On : 13 Mar 2019 19:51
 Operator : JU/SJ
 Sample : K1873-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 371

Manual Integrations
 APPROVED

Sohil
 3/14/2019 10:50:02 AM

Quant Time: Mar 14 02:50:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	167001	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	635557	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	295129	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	640665	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	522925	20.00	ng	-0.01
87) Perylene-d12	15.26	264	500454	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1186061	110.48	ng	0.00
7) Phenol-d6	6.37	99	1545387	114.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	937181	88.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	484490	154.63	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1561569	88.68	ng	-0.01
79) Terphenyl-d14	12.82	244	1843695	68.35	ng	0.00
Target Compounds						
10) Phenol	6.38	94	117960	7.496	ng	93
50) Dimethylphthalate	9.47	163	197053	9.055	ng	98
75) Fluoranthene	12.44	202	557598	16.327	ng	94
78) Pyrene	12.66	202	486862	11.044	ng	98
81) Benzo(a)anthracene	13.84	228	266283	7.347	ng	96
83) Chrysene	13.88	228	203427	5.730	ng	96
86) Indeno(1,2,3-cd)pyrene	16.61	276	139470	4.608	ng	# 90
88) Benzo(b)fluoranthene	14.86	252	310042m	9.578	ng	
89) Benzo(k)fluoranthene	14.89	252	100449m	3.426	ng	
90) Benzo(a)pyrene	15.20	252	218508m	7.631	ng	
92) Benzo(g,h,i)perylene	17.02	276	123036	5.015	ng	96

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

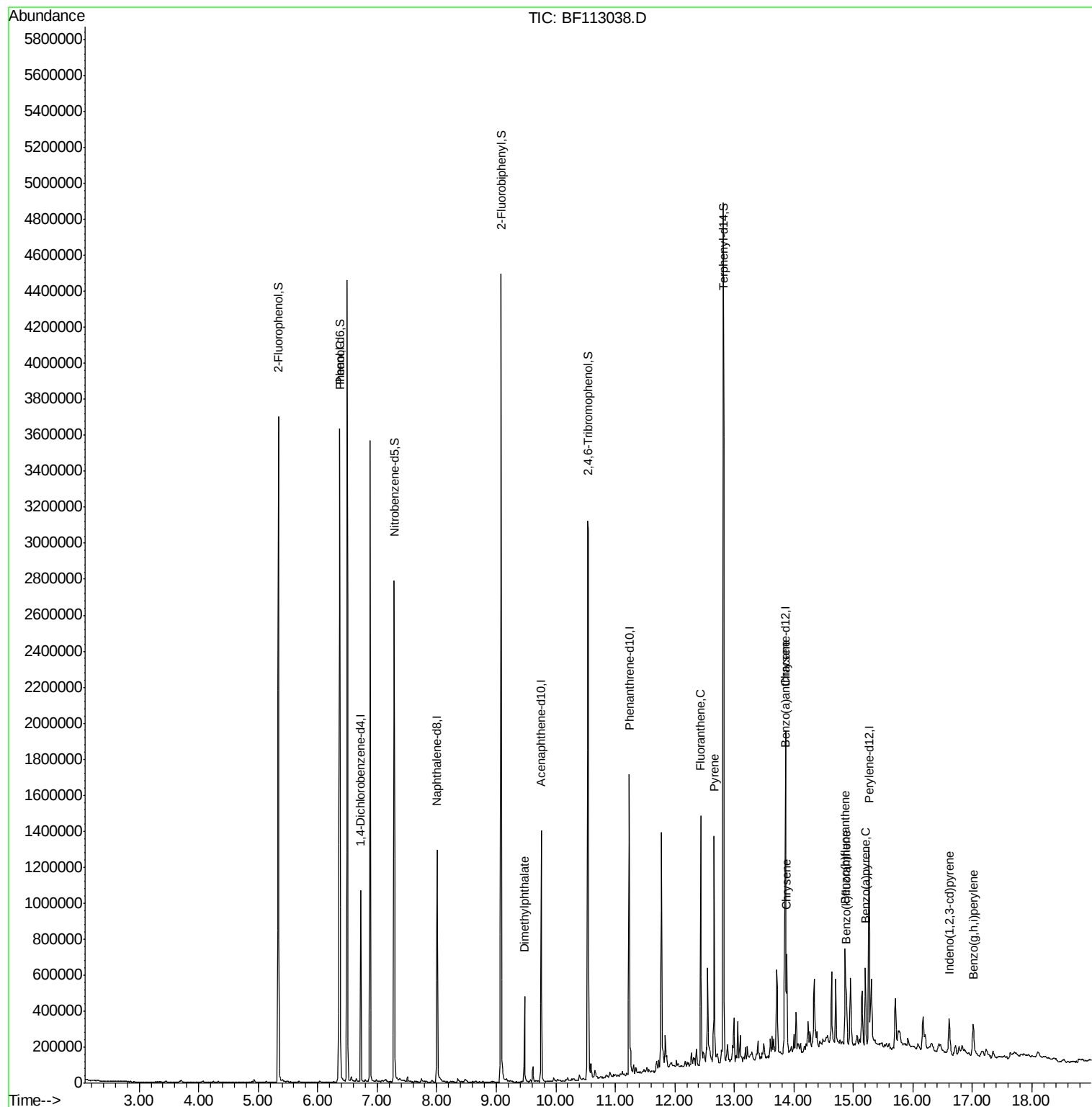
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
Data File : BF113038.D
Acq On : 13 Mar 2019 19:51
Operator : JU/SJ
Sample : K1873-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

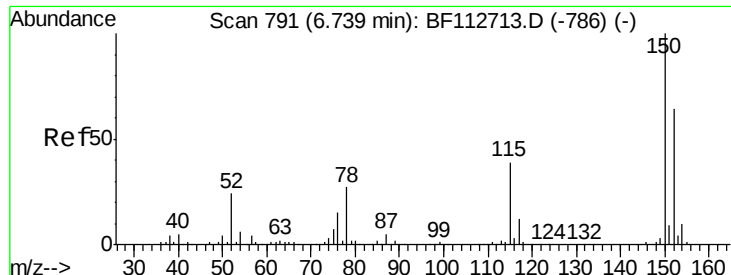
Instrument :
BNA_F
ClientSampleId :
371

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Quant Time: Mar 14 02:50:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration





#1

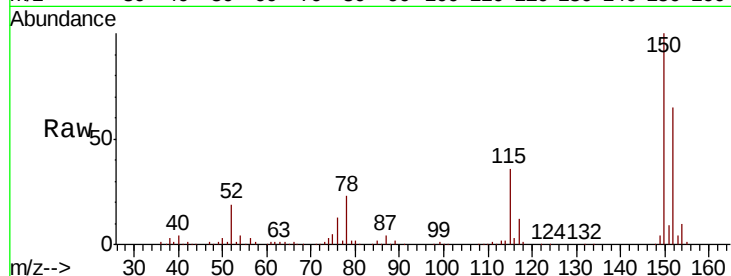
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Instrument :
BNA_F
ClientSampled :
371

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.2	186.2
115	55.6	48.2	72.4

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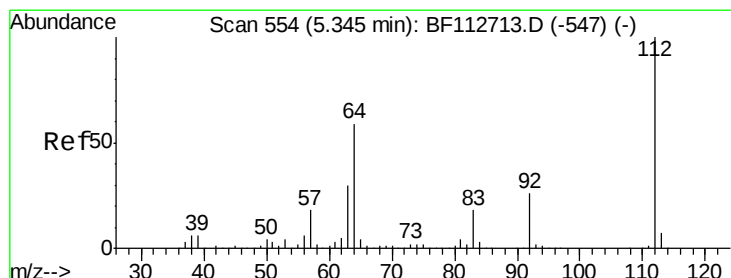
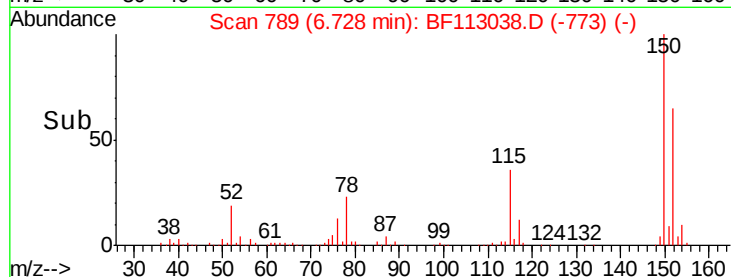
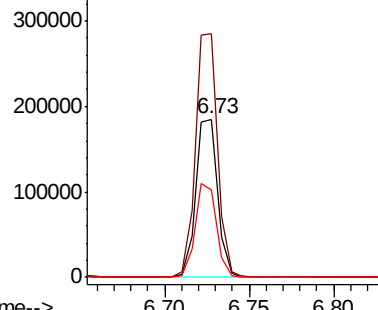


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

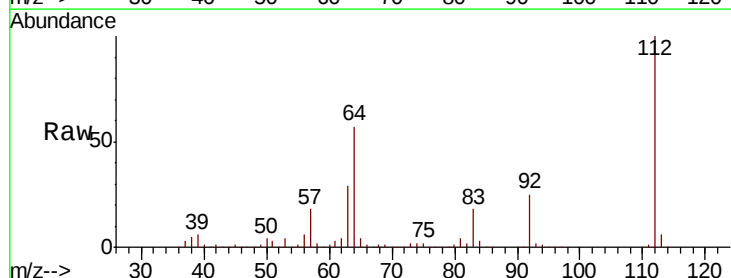
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.477 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.6	71.4
63	29.0	24.4	36.6

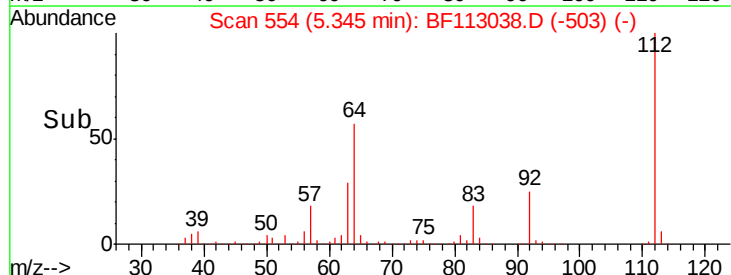
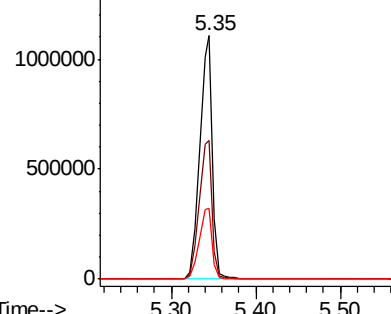


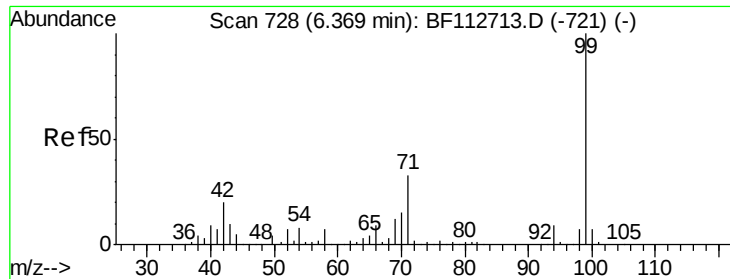
Abundance

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: 114.592 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 19:51

Instrument :

BNA_F

ClientSampleId :

371

Tot Ion: 99 Resp: 1545387

Ion Ratio Lower Upper

99 100

42 18.7 16.3 24.5

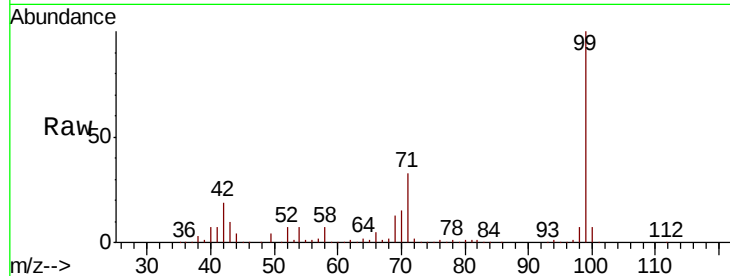
71 32.7 26.2 39.4

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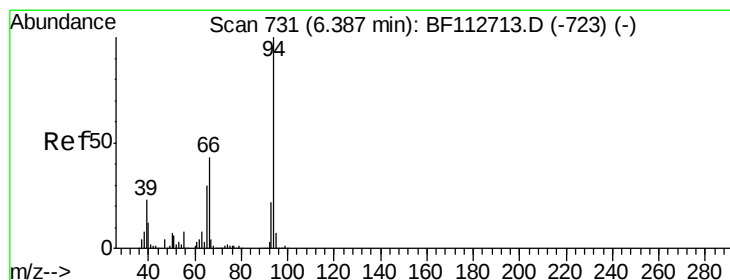
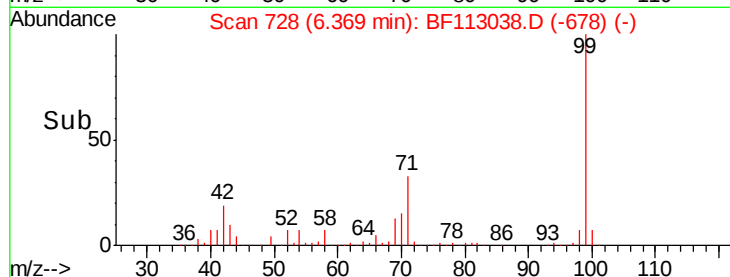
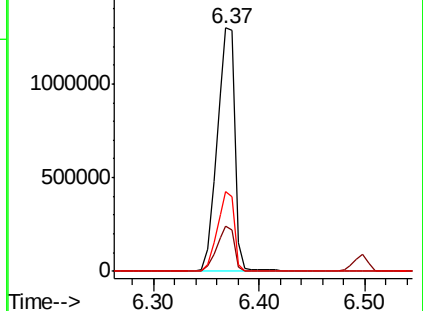
3/14/2019 10:50:02 AM



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: 7.496 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 19:51

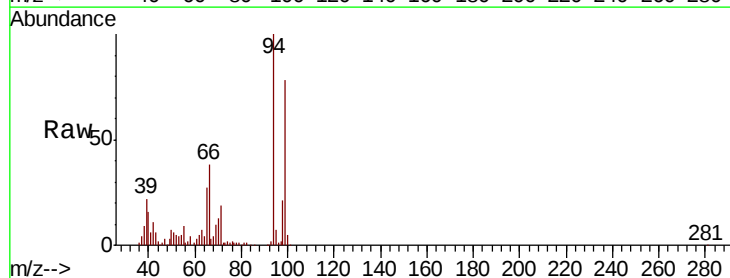
Tgt Ion: 94 Resp: 117960

Ion Ratio Lower Upper

94 100

65 26.9 10.5 50.5

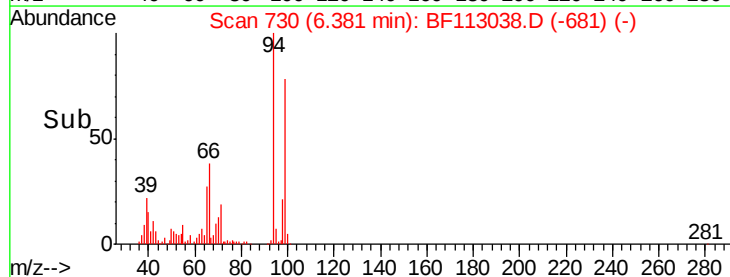
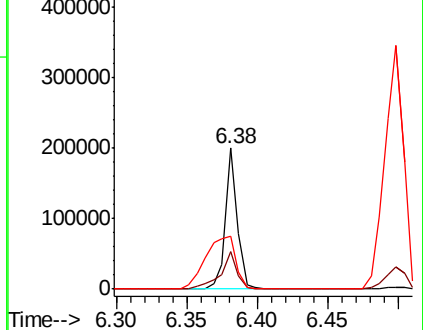
66 37.6 22.6 62.6



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





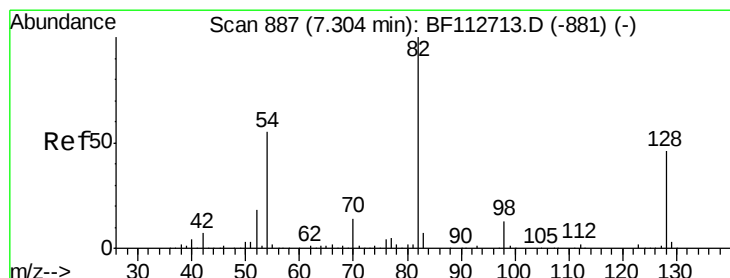
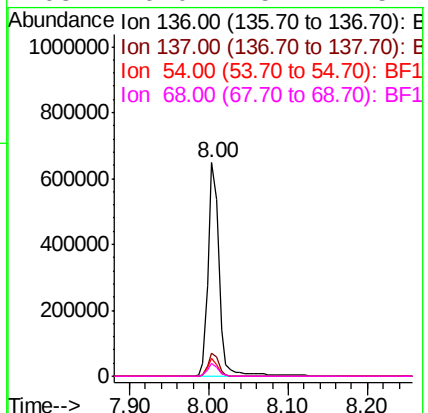
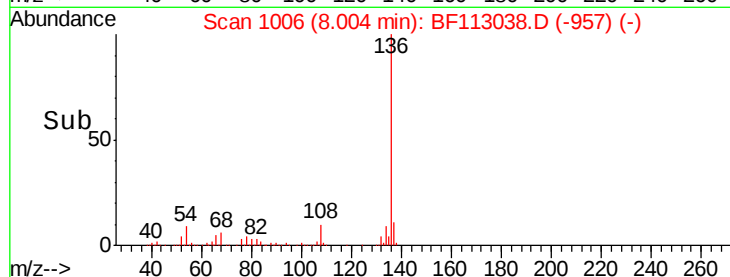
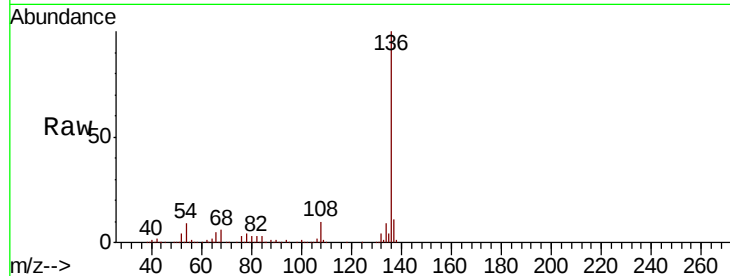
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Instrument :
BNA_F
ClientSampled :
371

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		635557		
137	10.8		8.9	13.3	
54	8.6		7.3	10.9	
68	6.0		5.4	8.2	

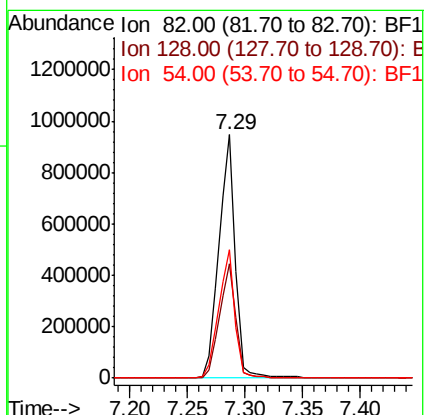
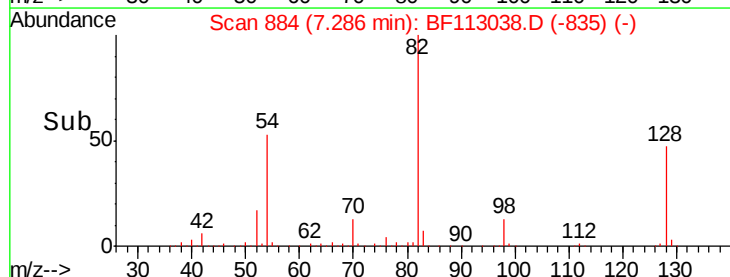
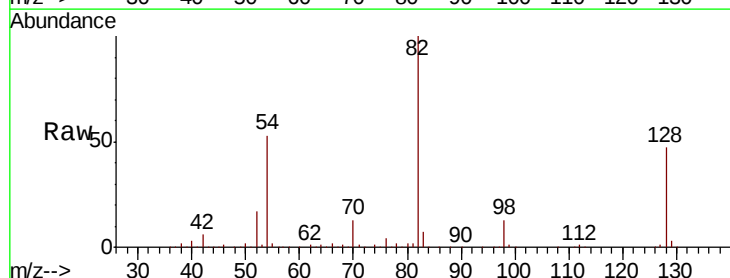
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#23
Nitrobenzene-d5
Concen: 88.236 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		937181		
128	46.8		36.3	54.5	
54	52.8		43.7	65.5	





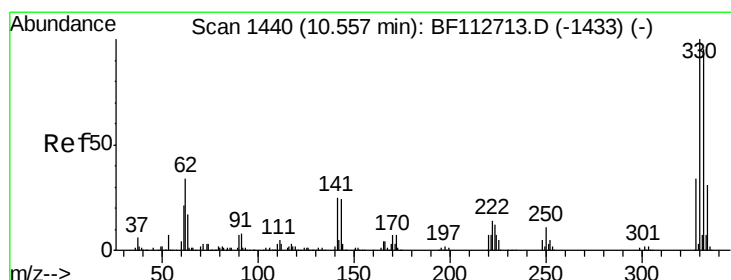
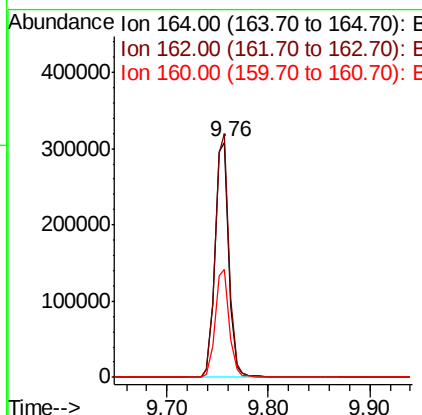
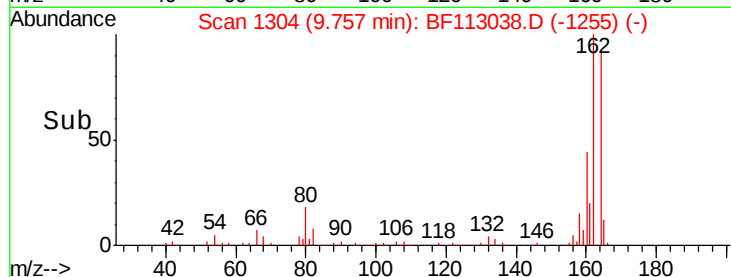
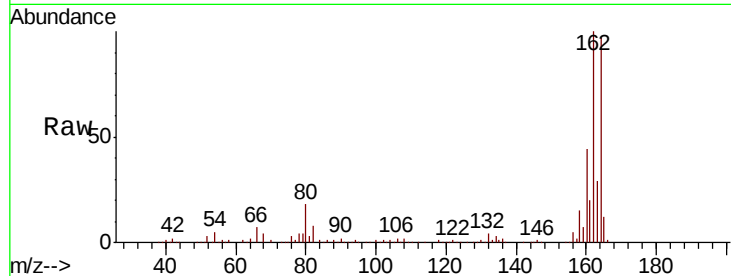
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Instrument :
BNA_F
ClientSampleId :
371

Tot Ion	Ratio	Resp	Lower	Upper
164	100	295129		
162	103.5	80.6	120.8	
160	45.7	36.0	54.0	

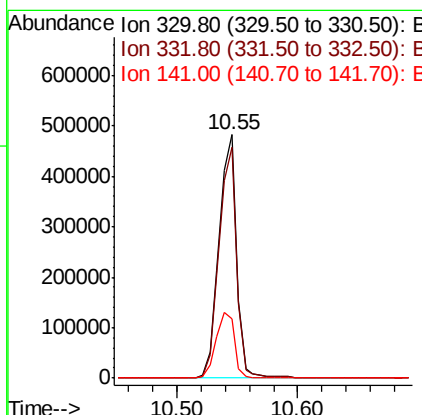
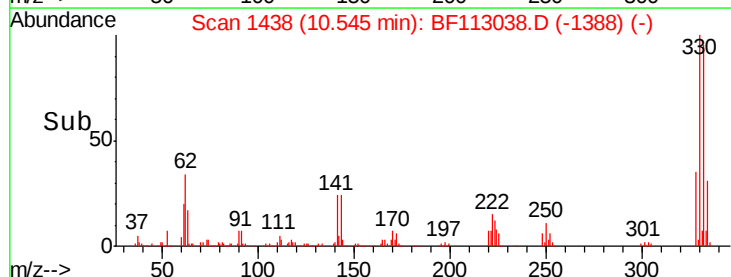
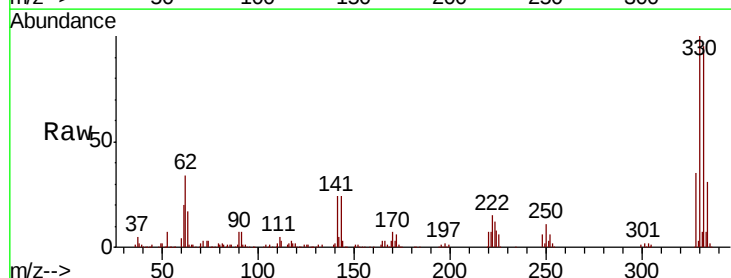
Manual Integrations
APPROVED

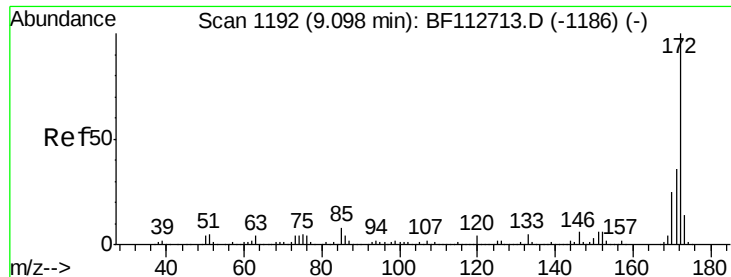
Sohil
3/14/2019 10:50:02 AM



#42
2,4,6-Tribromophenol
Concen: 154.633 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	484490		
332	95.5	76.2	114.4	
141	28.8	27.0	40.6	





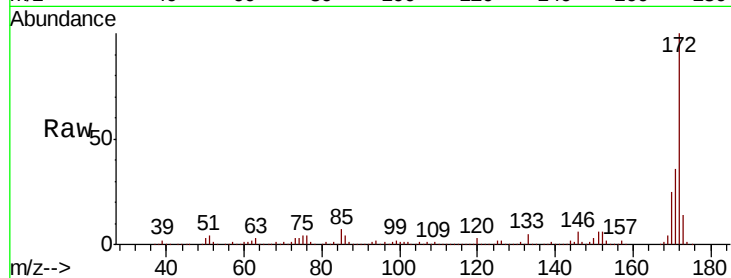
#45
2-Fluorobiphenyl
Concen: 88.681 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Instrument :
BNA_F
ClientSampled :
371

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.7	20.0	30.0

Manual Integrations
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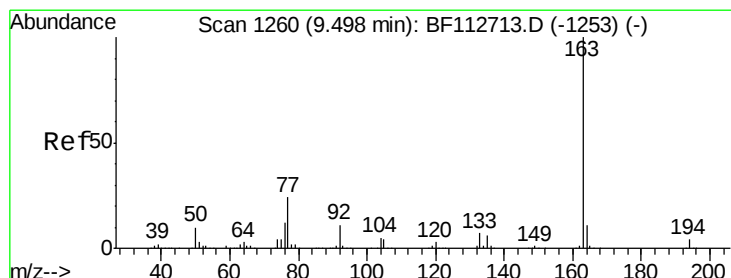
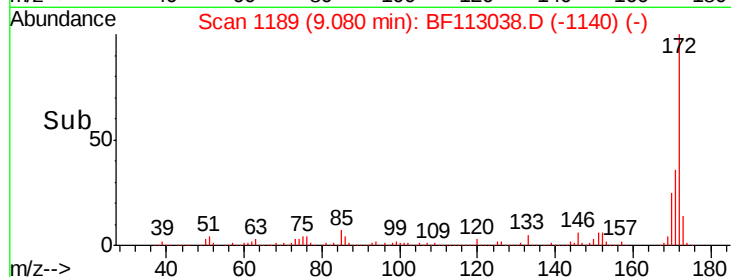
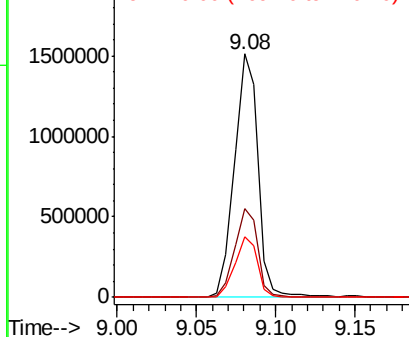


Abundance

Ion 172.00 (171.70 to 172.70): E

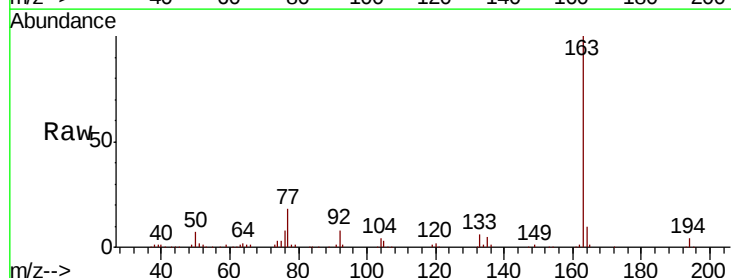
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 9.055 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.7	8.4	12.6

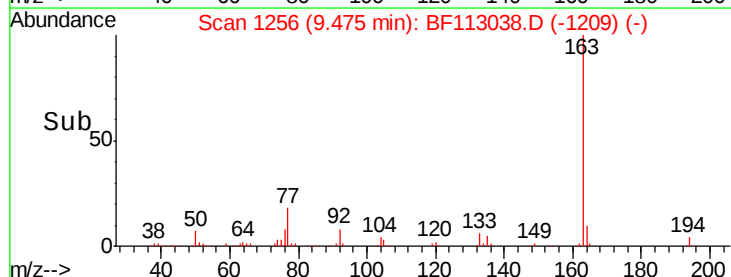
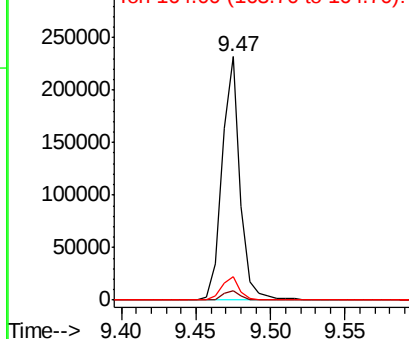


Abundance

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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 19:51

Instrument :

BNA_F

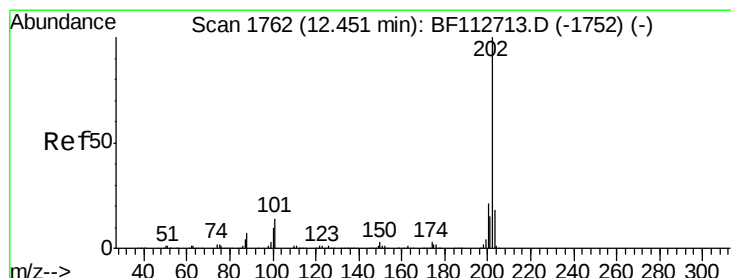
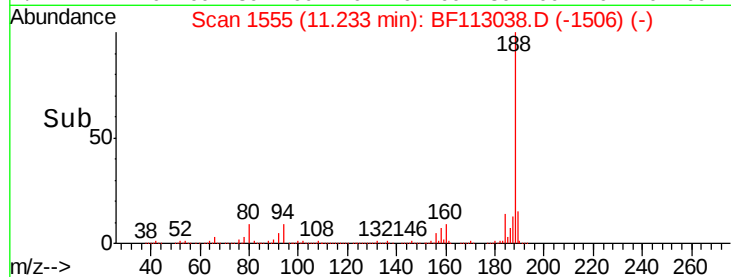
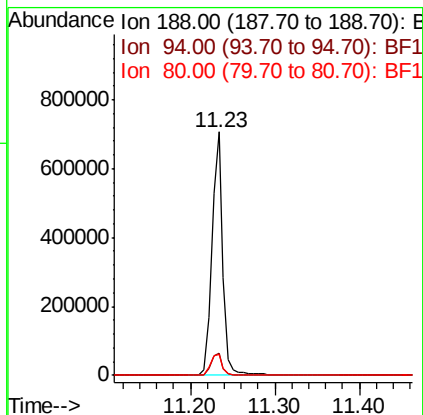
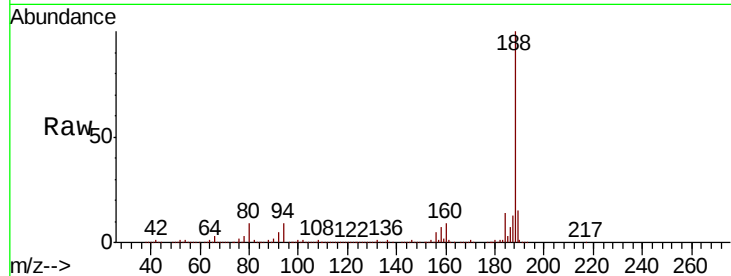
ClientSampleId :

371

Tot Ion	Ratio	Resp	Lower	Upper
188	100	640665		
94	8.9	9.0	13.4#	
80	8.8	9.2	13.8#	

Manual Integrations
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#75

Fluoranthene

Concen: 16.327 ng

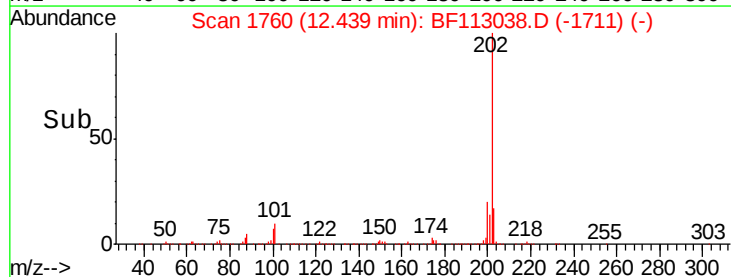
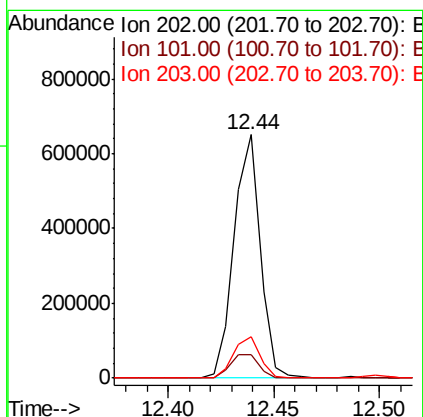
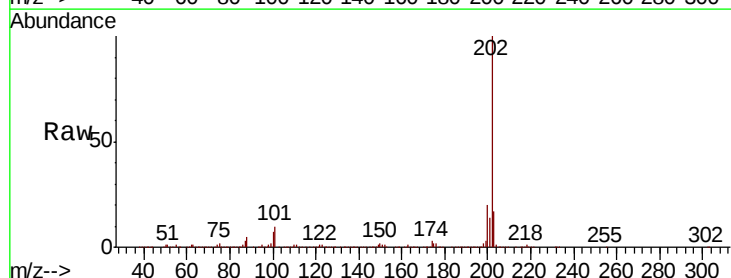
RT: 12.44 min Scan# 1760

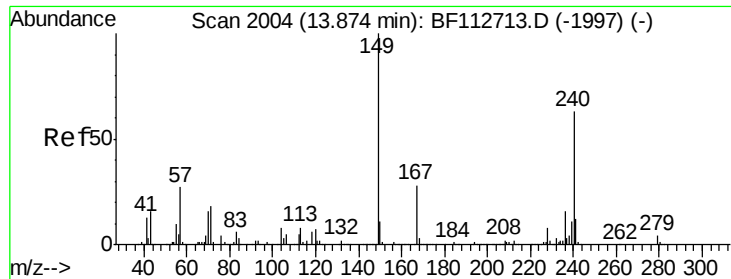
Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	557598		
101	9.6	0.0	33.8	
203	17.2	0.0	38.4	





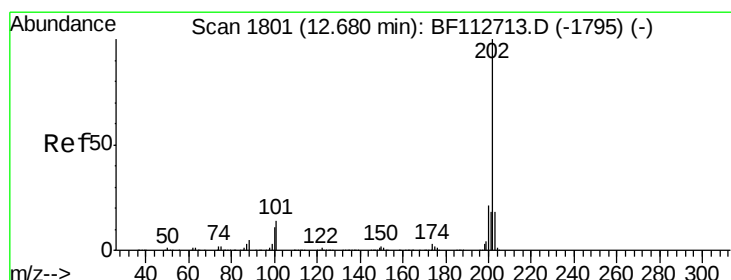
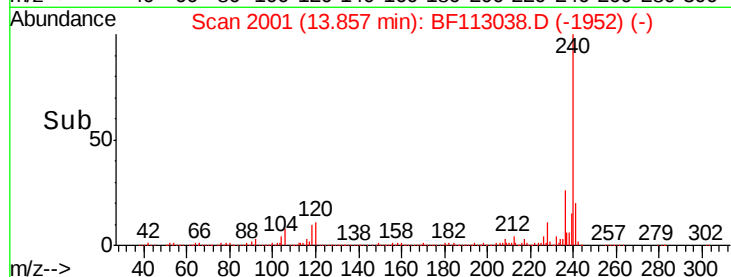
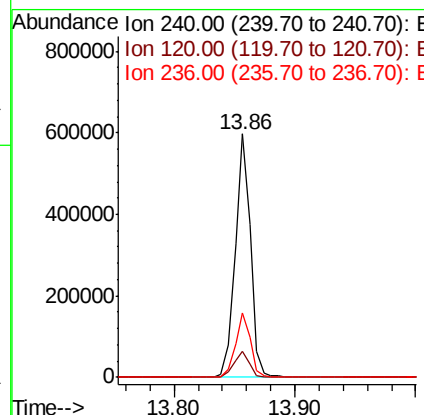
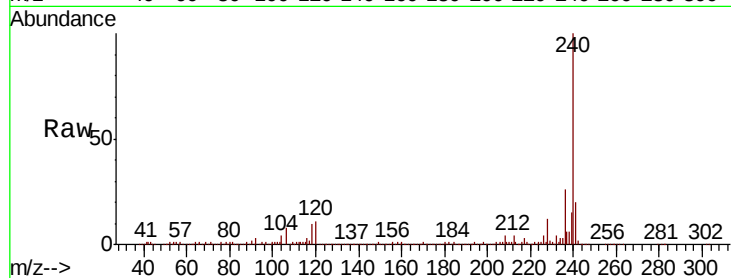
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Instrument :
BNA_F
ClientSampleId :
371

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	10.8	8.9	13.3
236	26.2	20.7	31.1

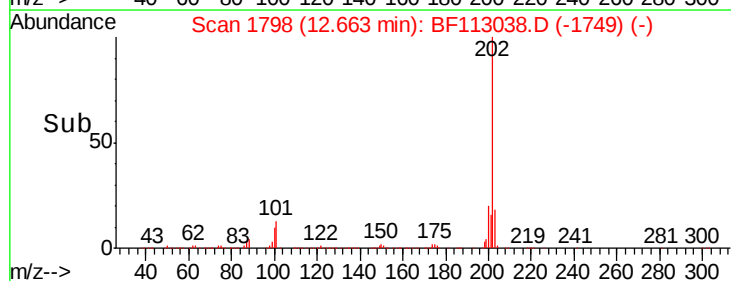
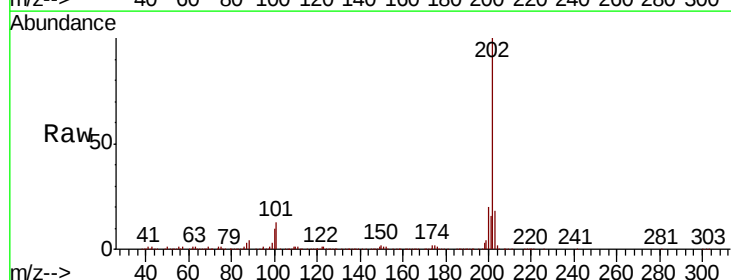
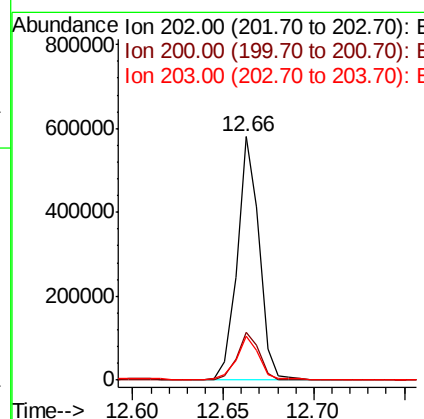
Manual Integrations
APPROVED

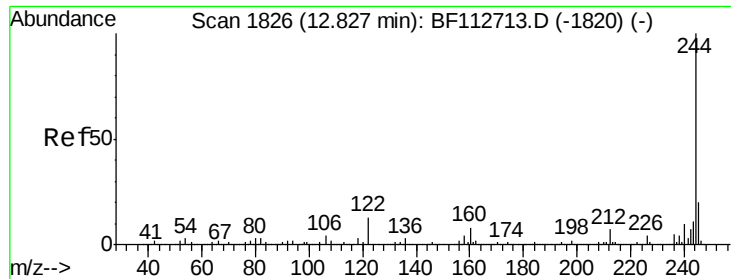
Sohil
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#78
Pyrene
Concen: 11.044 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.7	17.0	25.4
203	17.9	14.4	21.6





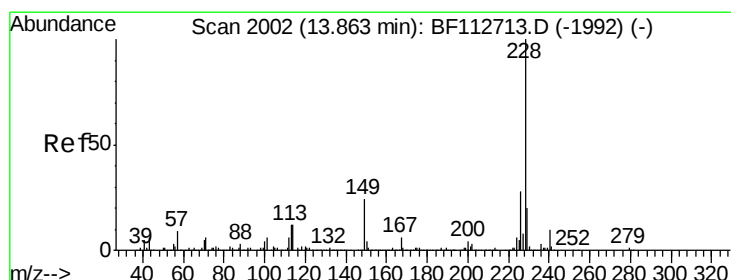
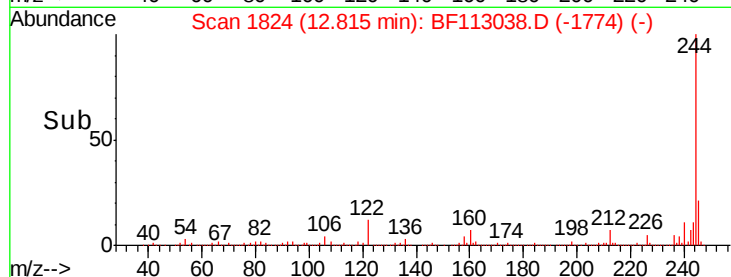
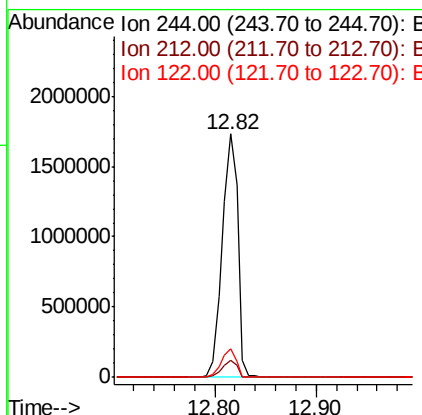
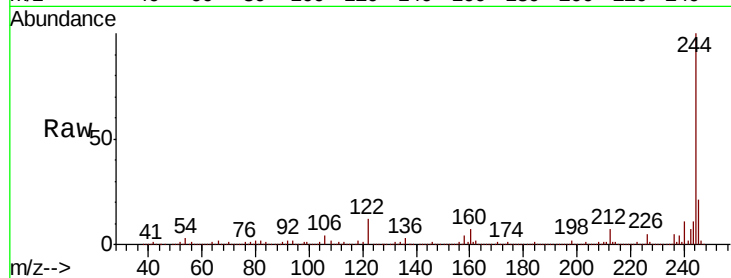
#79
 Terphenyl-d14
 Concen: 68.346 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113038.D
 Acq: 13 Mar 2019 19:51

Instrument :
 BNA_F
 ClientSampled :
 371

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.9	10.5	15.7

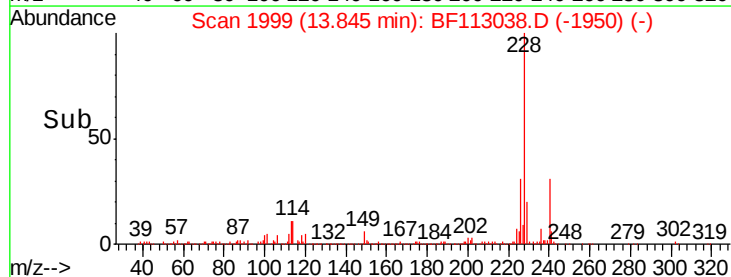
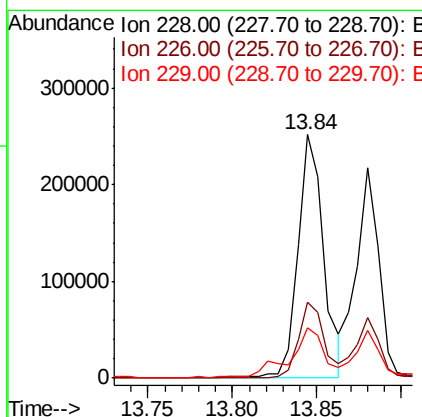
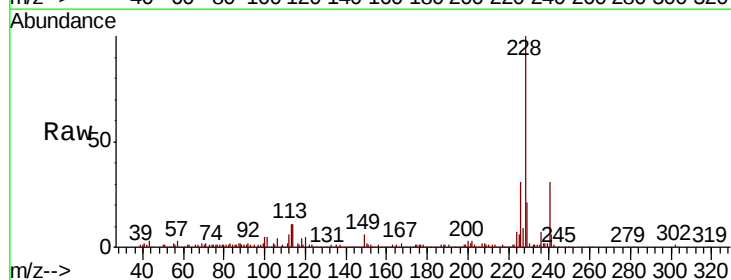
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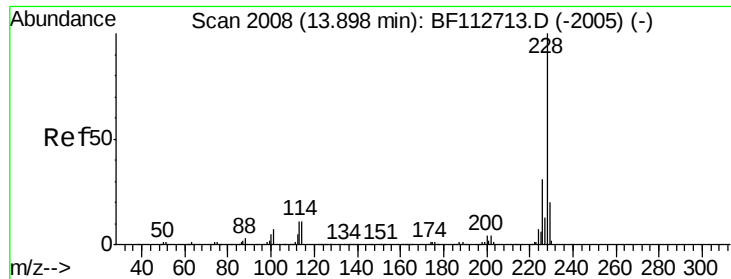
Sohil
 3/14/2019 10:50:02 AM



#81
 Benzo(a)anthracene
 Concen: 7.347 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF113038.D
 Acq: 13 Mar 2019 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.2	33.4
229	20.5	16.0	24.0





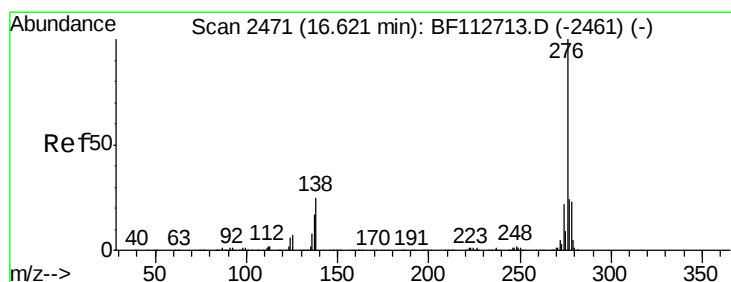
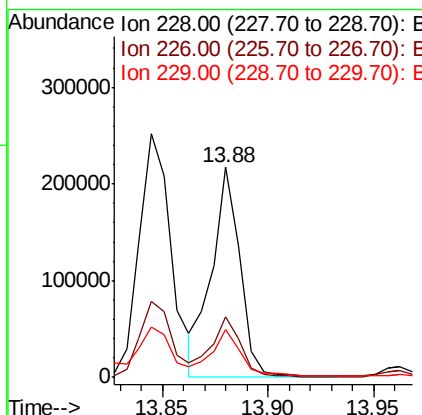
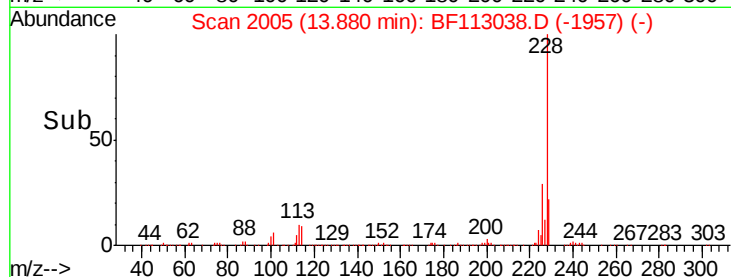
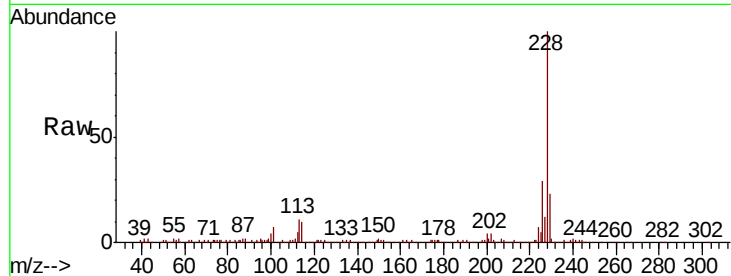
#83
Chrysene
Concen: 5.730 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Instrument :
BNA_F
ClientSampleId :
371

Tot Ion:	228	Resp:	203427
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.9	37.3
229	23.0	16.3	24.5

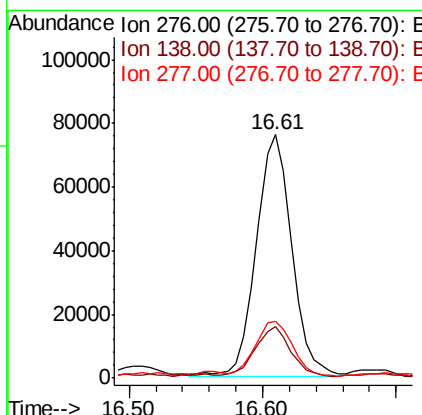
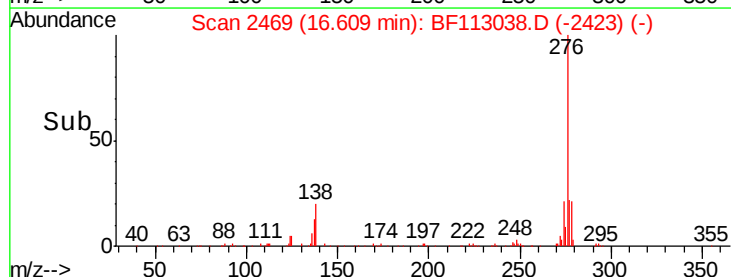
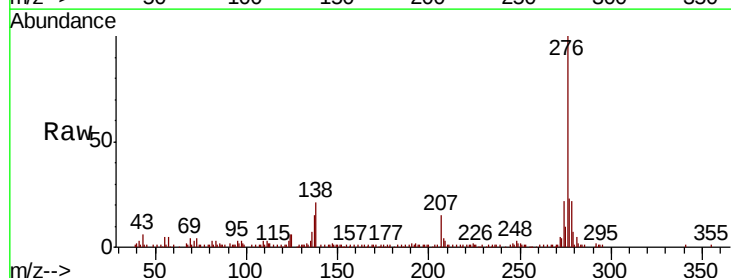
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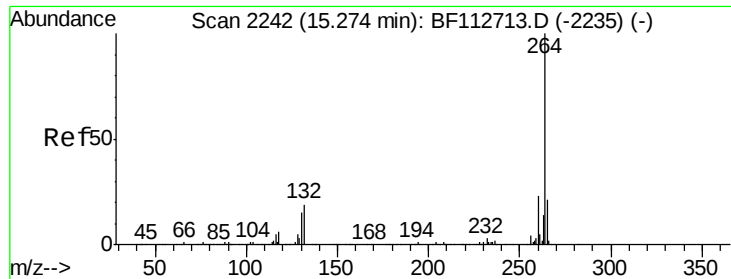
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#86
Indeno(1,2,3-cd)pyrene
Concen: 4.608 ng
RT: 16.61 min Scan# 2469
Delta R.T. -0.03 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Tgt Ion:	276	Resp:	139470
Ion Ratio	Lower	Upper	
276	100		
138	20.5	23.2	34.8#
277	23.5	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 19:51

Instrument :

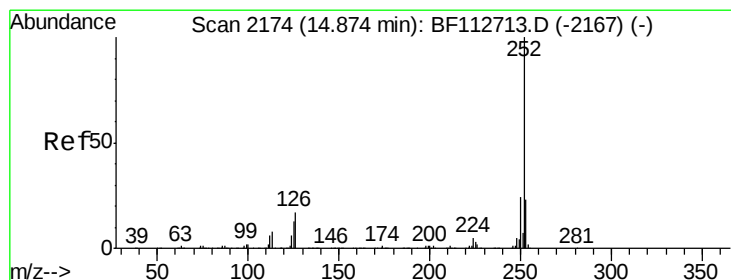
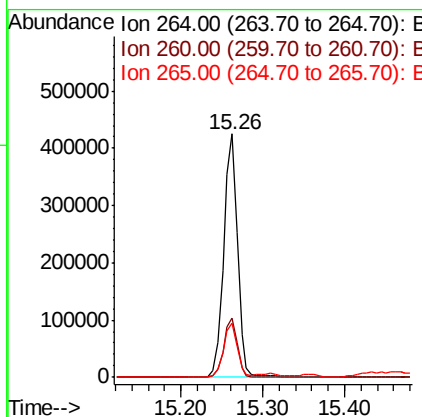
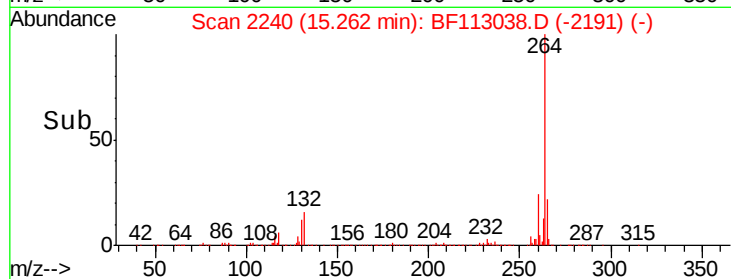
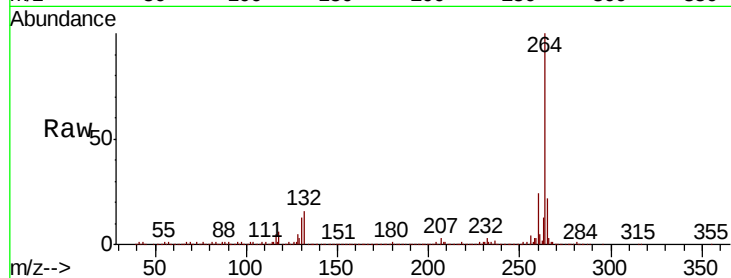
BNA_F

ClientSampled :
371

Tot Ion:	264	Resp:	500454
Ion Ratio	Lower	Upper	
264	100		
260	24.5	18.7	28.1
265	22.0	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 9.578 ng m

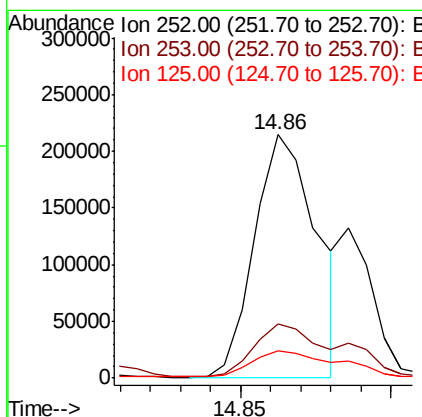
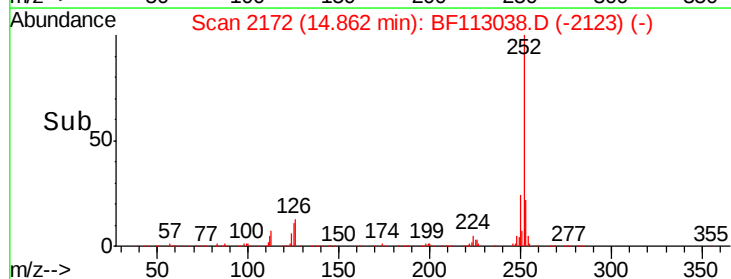
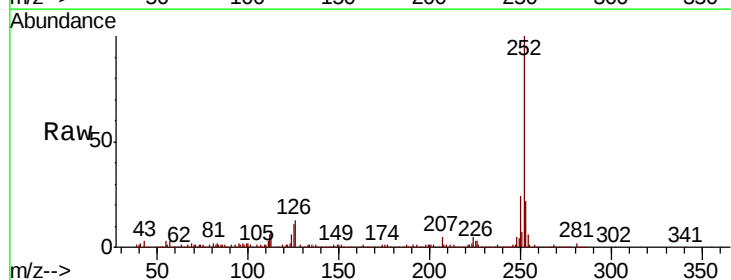
RT: 14.86 min Scan# 2172

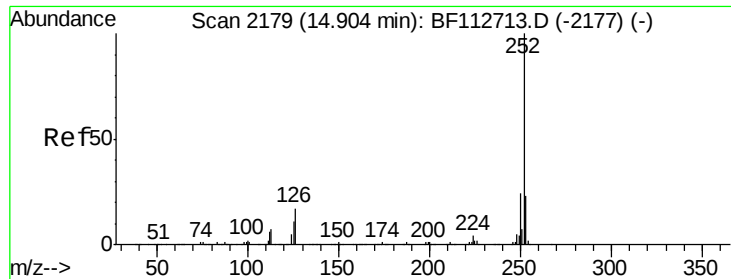
Delta R.T. -0.01 min

Lab File: BF113038.D

Acq: 13 Mar 2019 19:51

Tgt Ion:	252	Resp:	310042
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	11.4	10.2	15.2





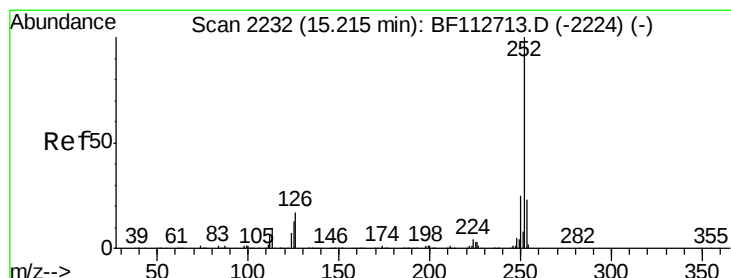
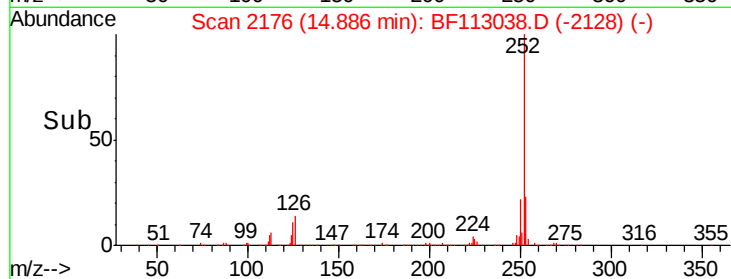
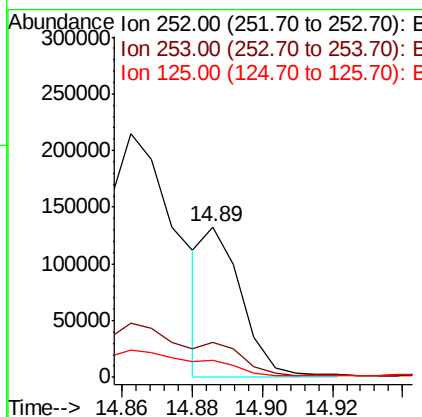
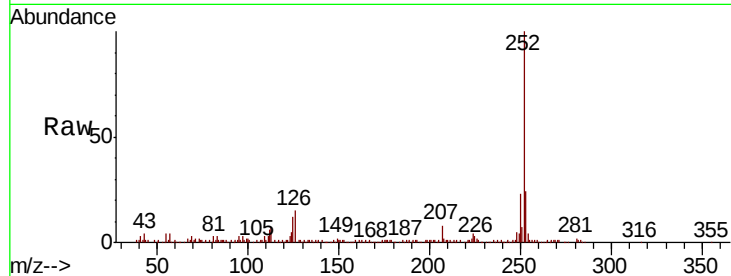
#89
Benzo(k)fluoranthene
Concen: 3.426 ng m
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Instrument :
BNA_F
ClientSampled :
371

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	11.5	9.8	14.6

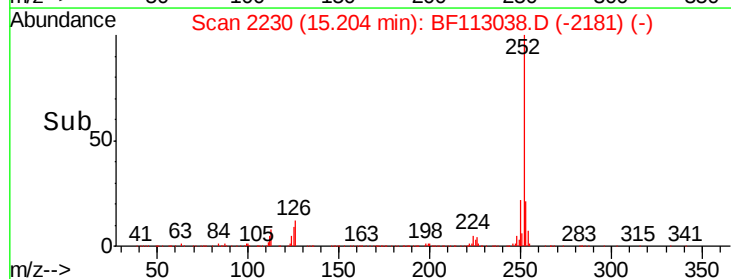
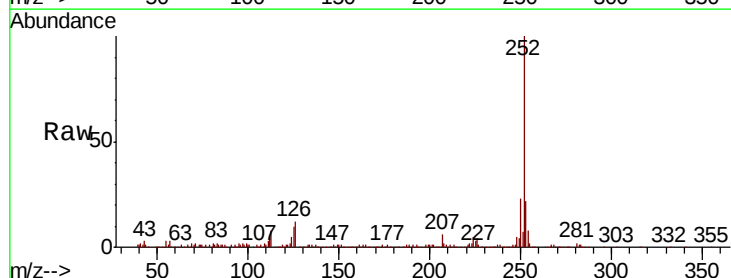
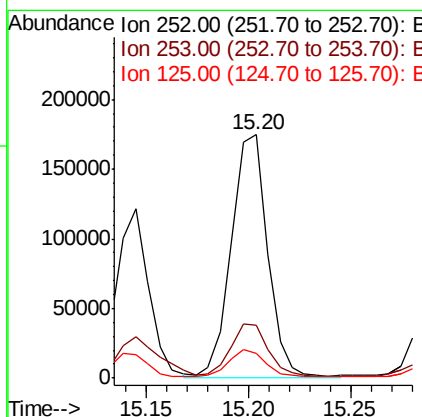
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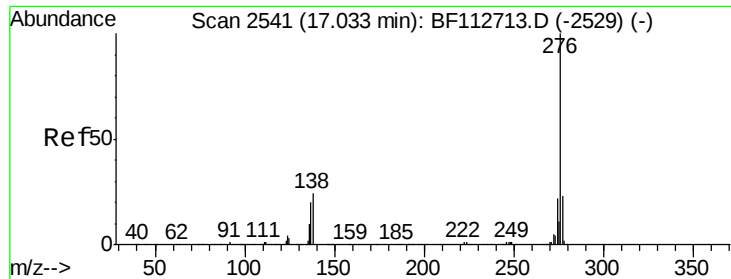
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#90
Benzo(a)pyrene
Concen: 7.631 ng m
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF113038.D
Acq: 13 Mar 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	9.9	10.7	16.1#





#92
 Benzo(a,h,i)perylene
 Concen: 5.015 ng
 RT: 17.02 min Scan# 2538
 Delta R.T. -0.03 min
 Lab File: BF113038.D
 Acq: 13 Mar 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 371

Tot Ion:	276	Resp:	123036
Ion Ratio		Lower	Upper
276	100		
277	24.8	18.6	27.8
138	21.7	19.4	29.0

Manual Integrations
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 3/14/2019 10:50:02 AM

