

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113089.D
 Acq On : 18 Mar 2019 14:43
 Operator : JU/SJ
 Sample : K1901-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6(0.5-1.5)

Manual Integrations
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Quant Time: Mar 19 05:18:50 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	190250	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	675419	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	324204	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	603289	20.00	ng	0.00
76) Chrysene-d12	13.87	240	539266	20.00	ng	0.00
87) Perylene-d12	15.27	264	476322	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	953460	77.96	ng	0.00
7) Phenol-d6	6.37	99	1247485	81.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	772128	68.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	310927	90.34	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1166175	54.14	ng	0.00
79) Terphenyl-d14	12.82	244	1246848	44.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	40188	2.242	ng	98
50) Dimethylphthalate	9.47	163	106886	4.471	ng	99
71) Phenanthrene	11.26	178	106120	3.535	ng	97
75) Fluoranthene	12.44	202	365255	11.358	ng	95
78) Pyrene	12.67	202	415315	9.136	ng	99
81) Benzo(a)anthracene	13.86	228	280756	7.512	ng	97
83) Chrysene	13.89	228	276983	7.566	ng	98
86) Indeno(1,2,3-cd)pyrene	16.63	276	140163m	4.491	ng	
88) Benzo(b)fluoranthene	14.87	252	396368m	12.865	ng	
89) Benzo(k)fluoranthene	14.90	252	121709m	4.361	ng	
90) Benzo(a)pyrene	15.22	252	219559	8.057	ng	98
92) Benzo(a,h,i)perylene	17.04	276	144130	6.172	ng	96

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

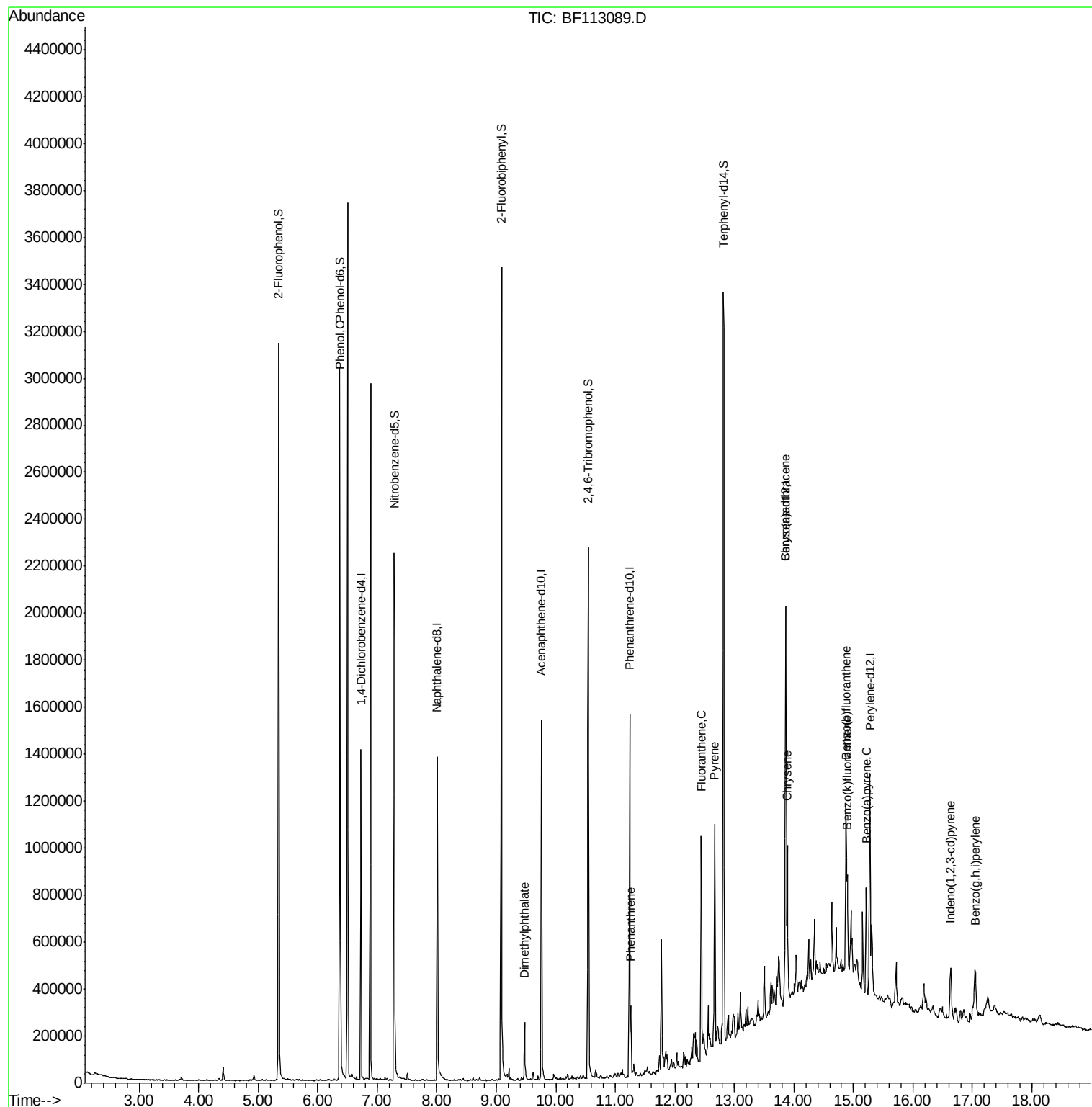
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113089.D
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Sample : K1901-07
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ALS Vial : 7 Sample Multiplier: 1

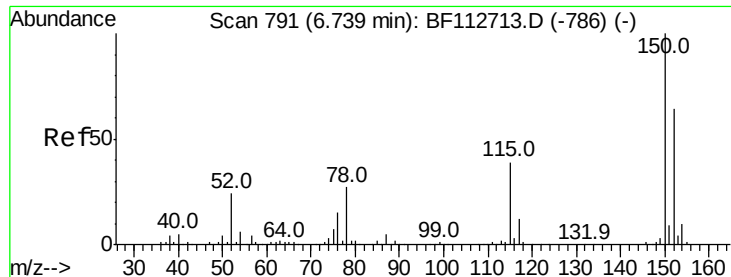
Instrument :
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ClientSampleId :
SB-6(0.5-1.5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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#1

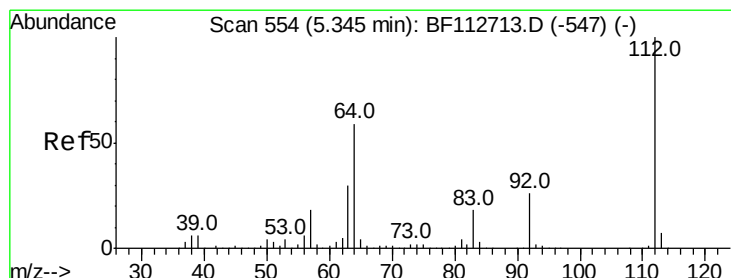
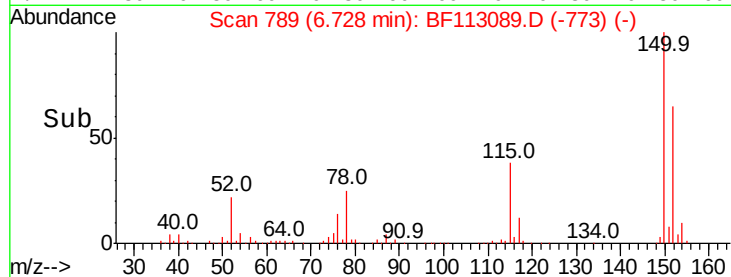
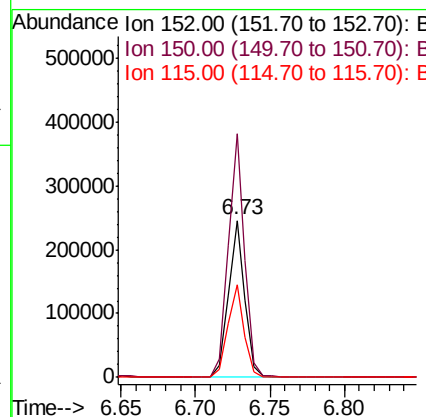
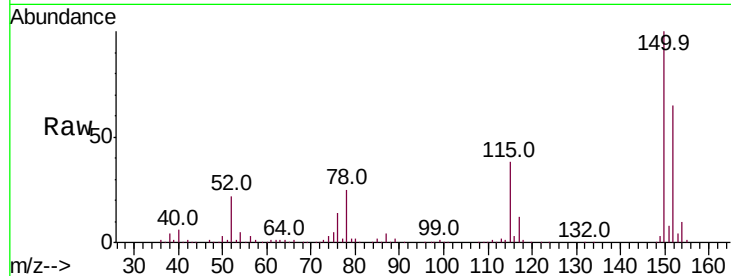
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampled :
SB-6(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.2	186.2
115	58.5	48.2	72.4

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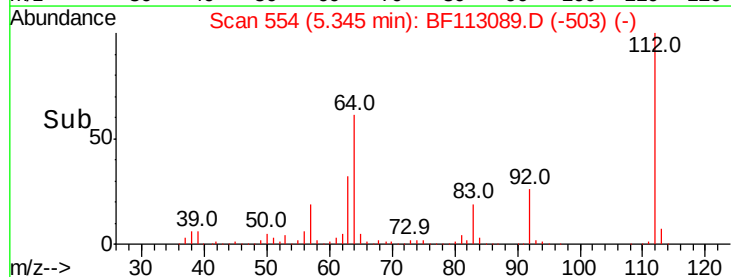
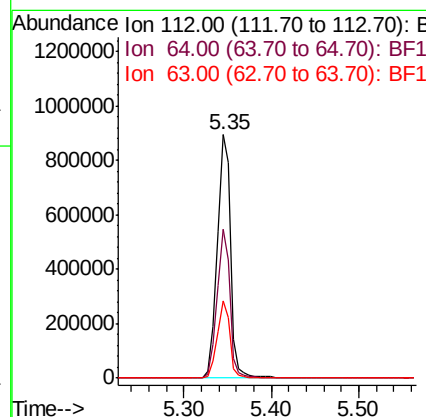
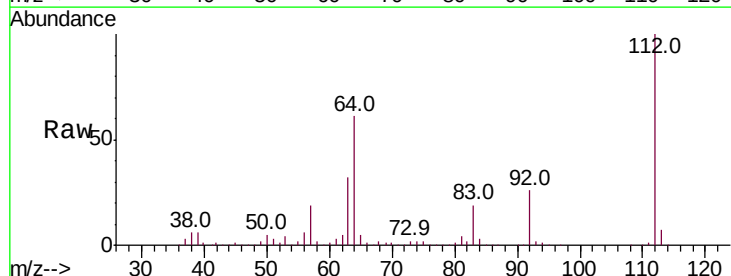
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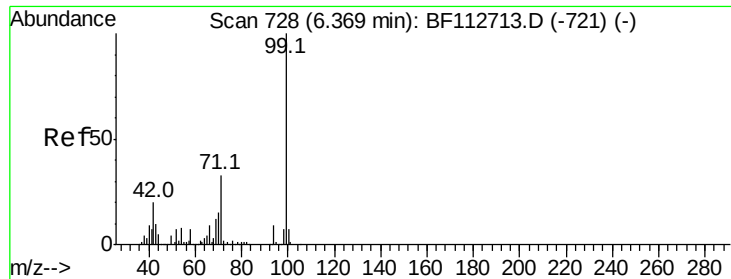


#5

2-Fluorophenol
Concen: 77.958 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	47.6	71.4
63	31.6	24.4	36.6





#7

Phenol-d6

Concen: 81.198 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113089.D

Acq: 18 Mar 2019 14:43

Instrument :

BNA_F

ClientSampled :

SB-6(0.5-1.5)

Tot Ion: 99 Resp: 1247485

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

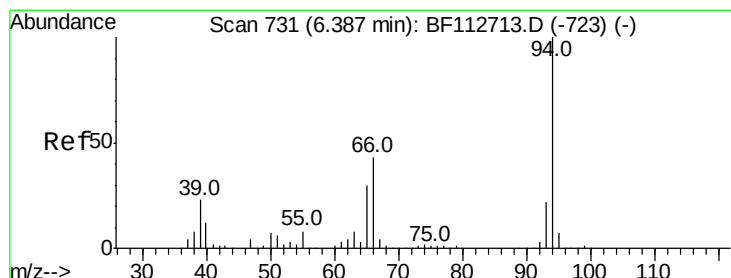
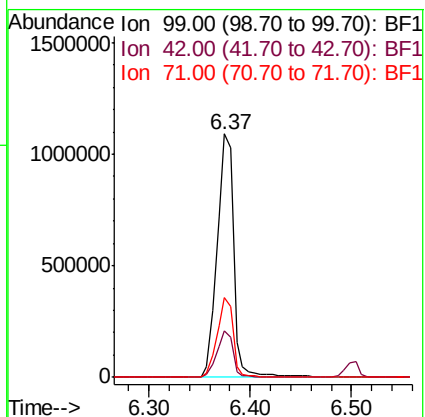
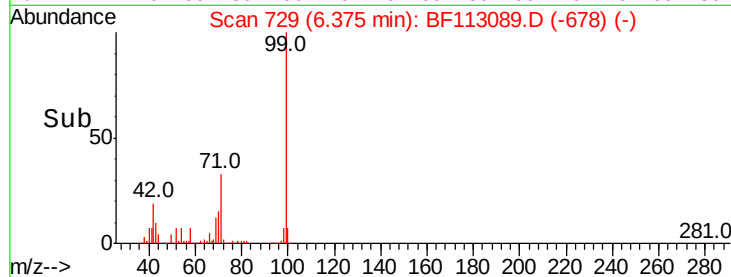
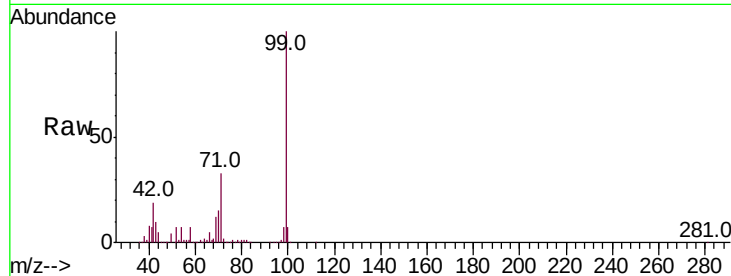
71 32.6 26.2 39.4

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#10

Phenol

Concen: 2.242 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113089.D

Acq: 18 Mar 2019 14:43

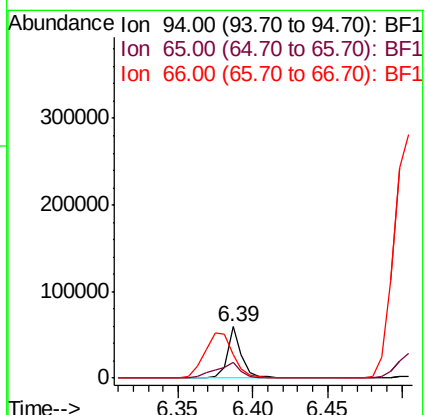
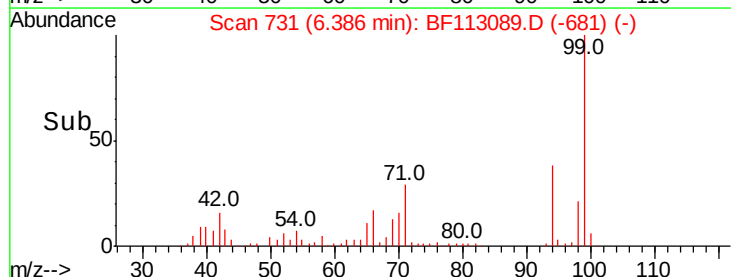
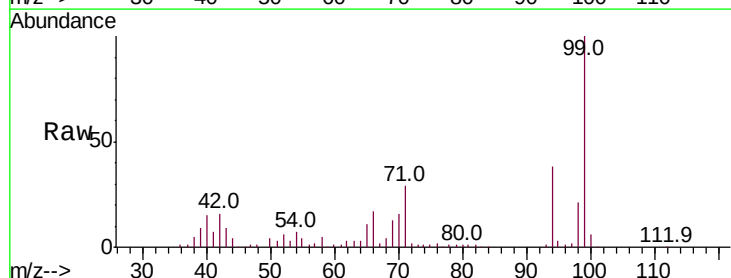
Tgt Ion: 94 Resp: 40188

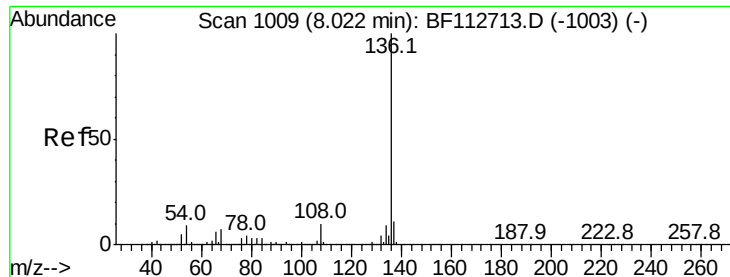
Ion Ratio Lower Upper

94 100

65 30.2 10.5 50.5

66 44.9 22.6 62.6





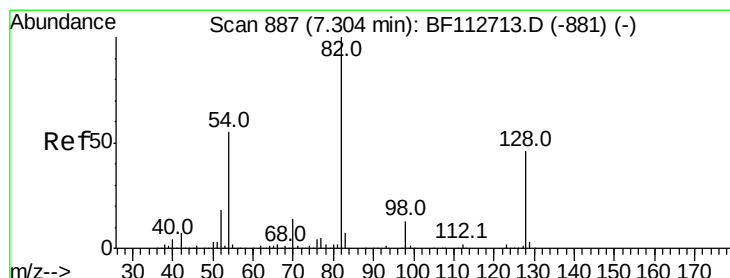
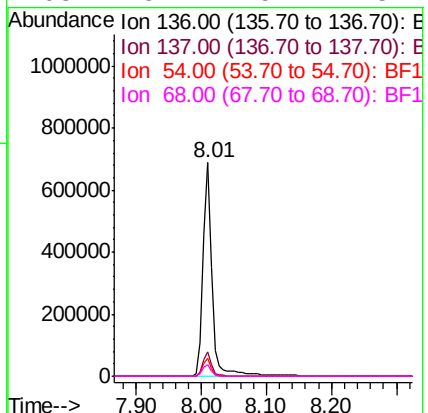
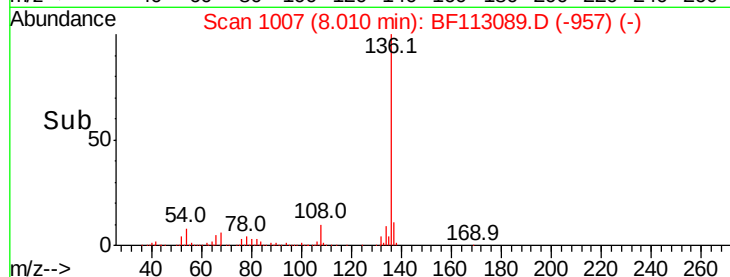
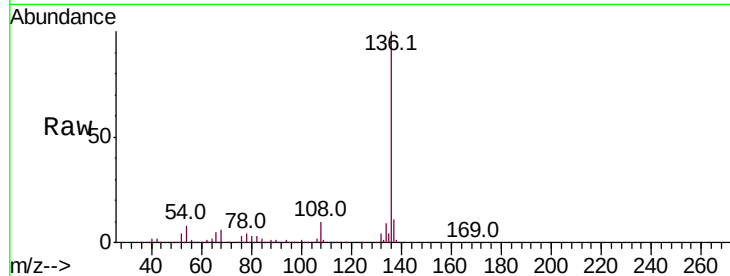
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampled :
SB-6(0.5-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	675419		
137	11.2	8.9	13.3	
54	8.1	7.3	10.9	
68	5.7	5.4	8.2	

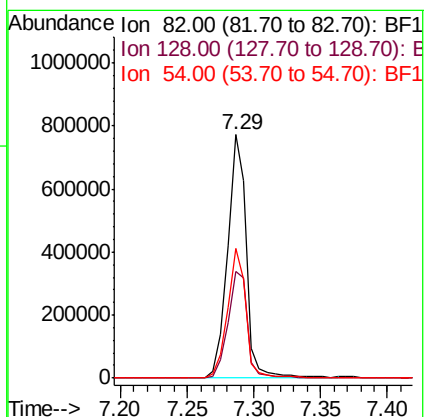
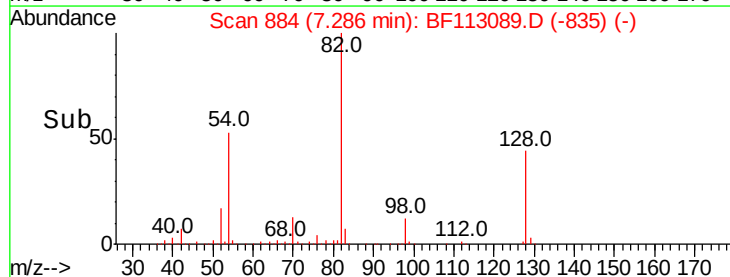
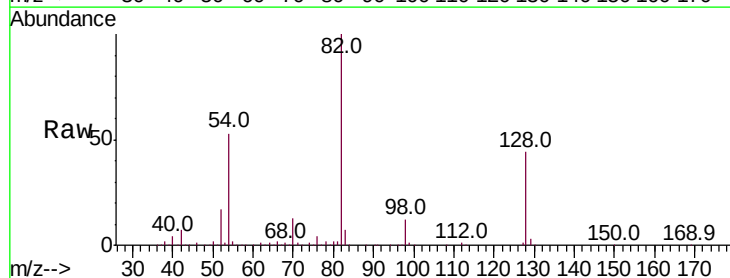
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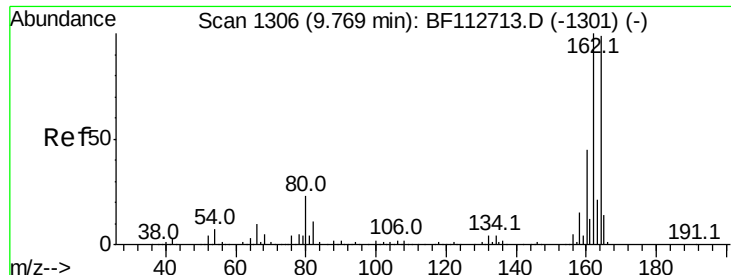
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#23
Nitrobenzene-d5
Concen: 68.406 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	772128		
128	43.9	36.3	54.5	
54	53.3	43.7	65.5	





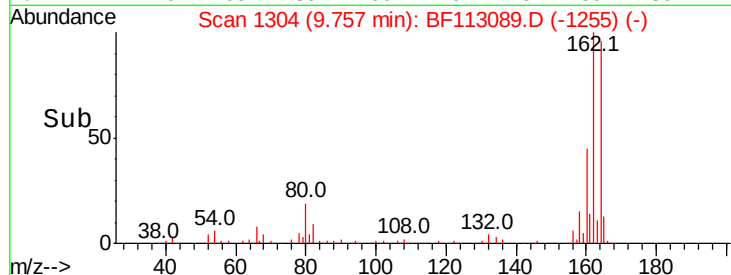
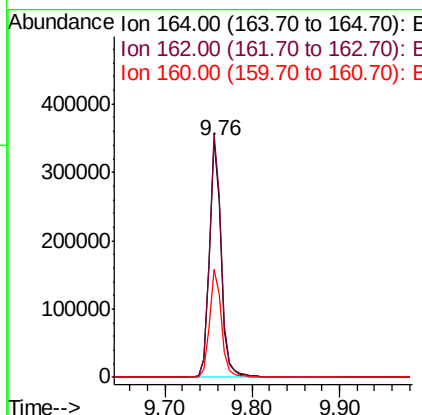
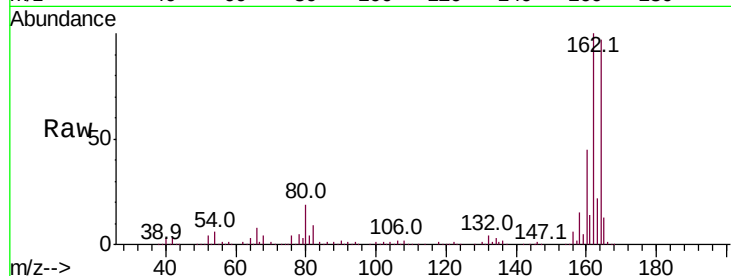
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1.5)

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	80.6	120.8	
160	45.9	36.0	54.0	

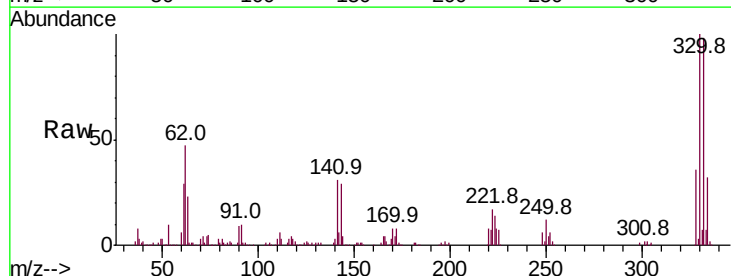
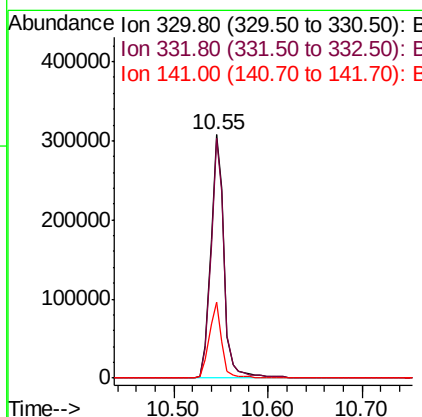
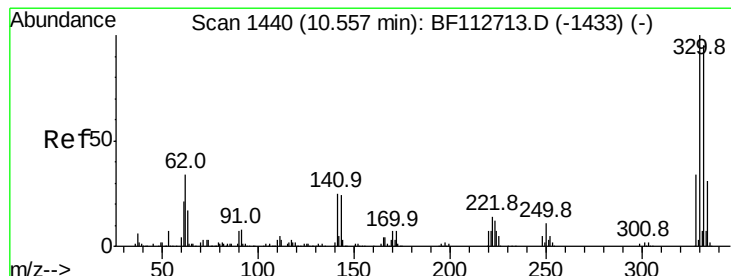
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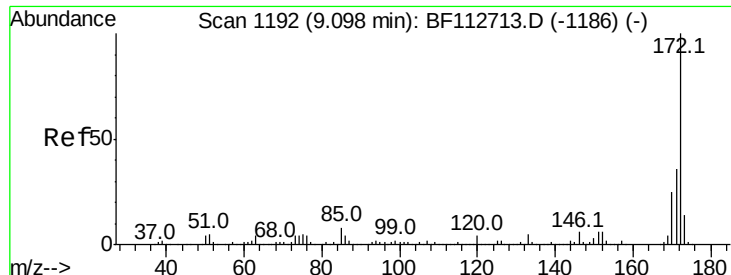
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#42
2,4,6-Tribromophenol
Concen: 90.338 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113089.D
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	76.2	114.4	
141	29.5	27.0	40.6	





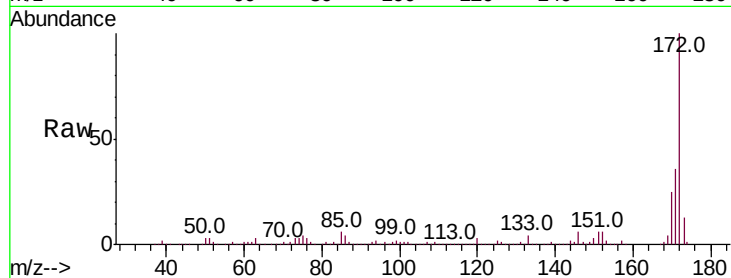
#45
2-Fluorobiphenyl
Concen: 54.137 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1.5)

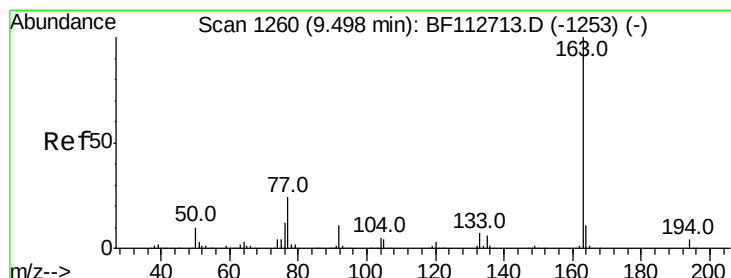
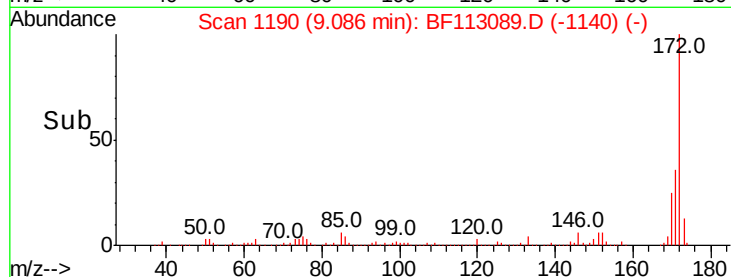
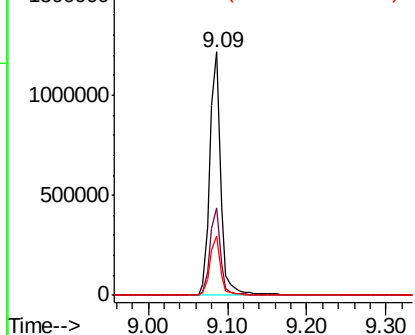
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.6	20.0	30.0

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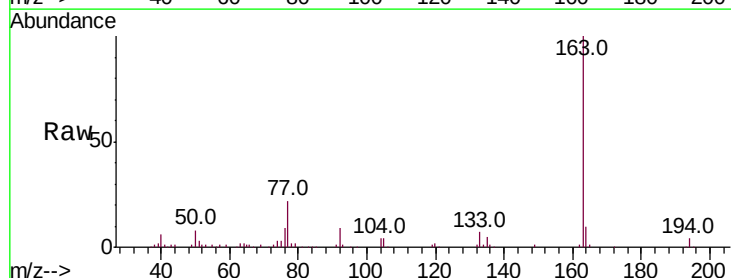


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

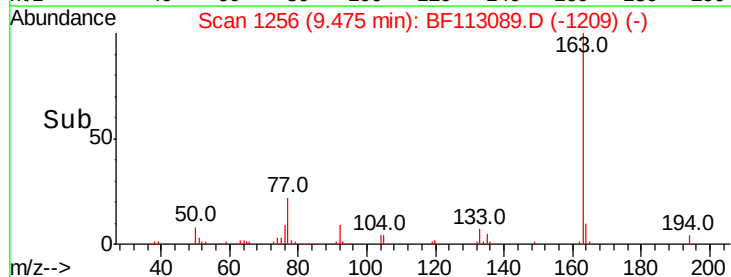
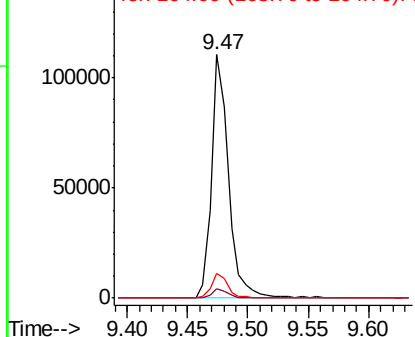


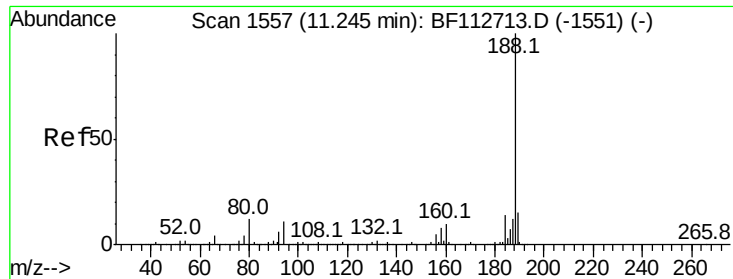
#50
Dimethylphthalate
Concen: 4.471 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.9	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





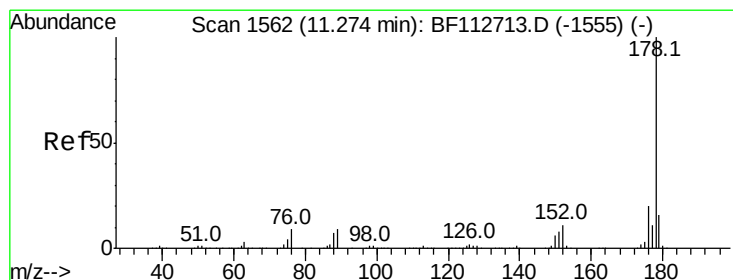
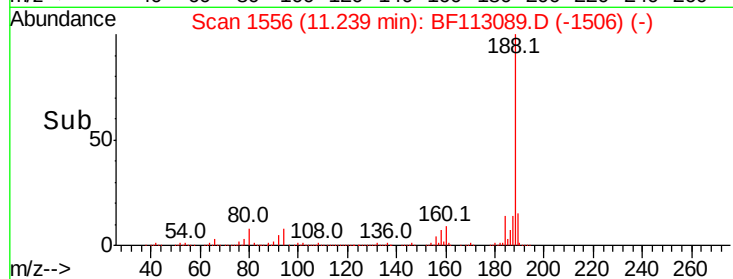
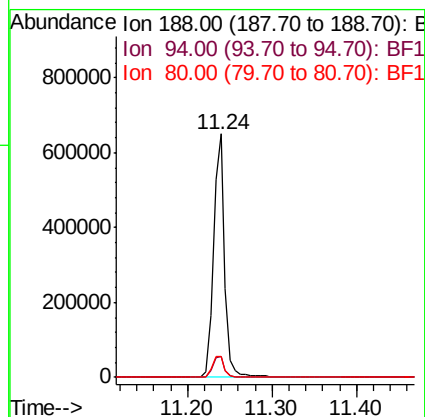
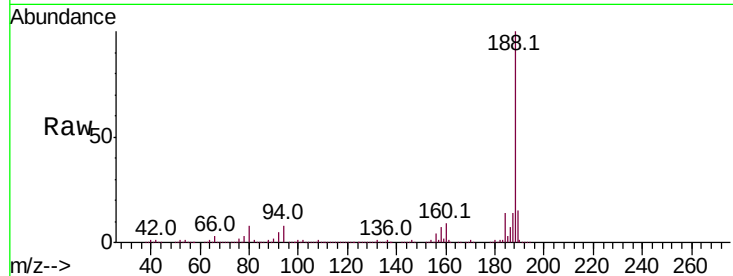
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1.5)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.5	9.2	13.8#

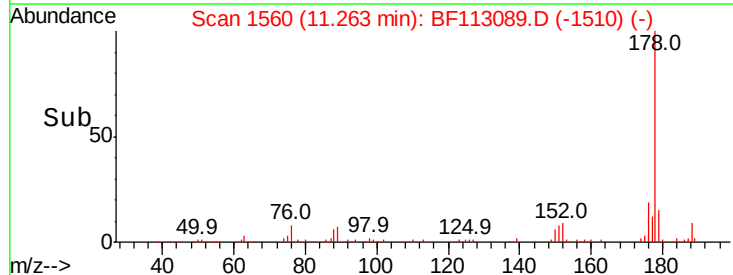
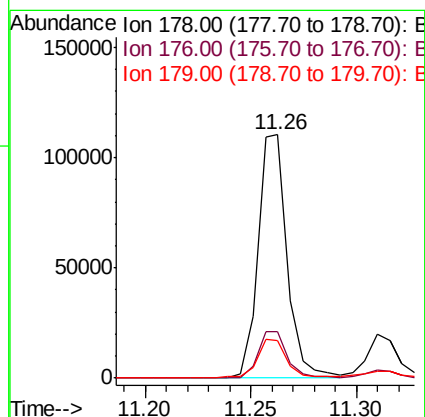
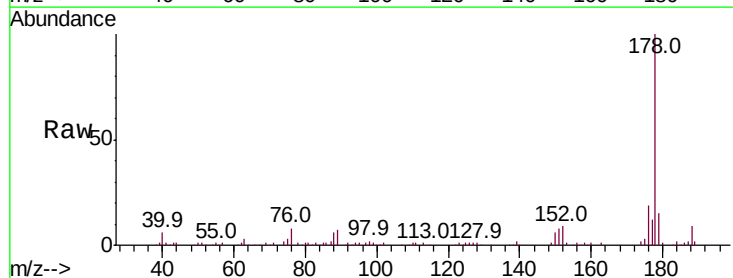
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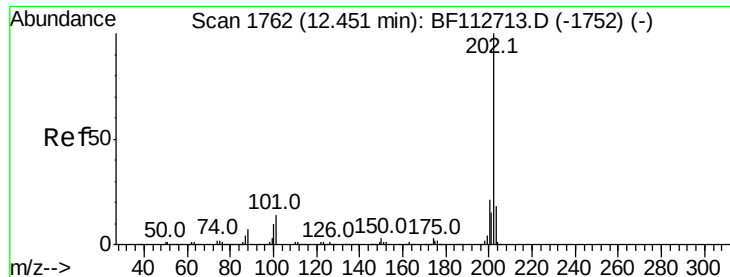
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#71
Phenanthrene
Concen: 3.535 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.9	16.3	24.5
179	15.2	12.7	19.1





#75

Fluoranthene

Concen: 11.358 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113089.D

Acq: 18 Mar 2019 14:43

Instrument :

BNA_F

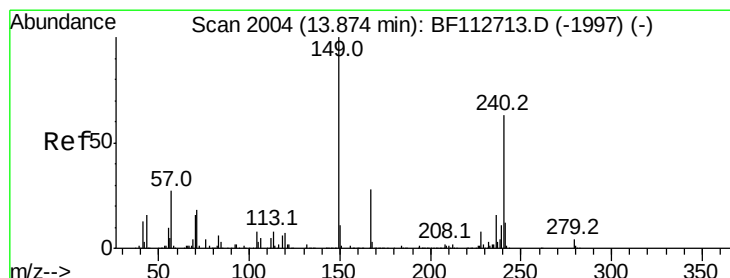
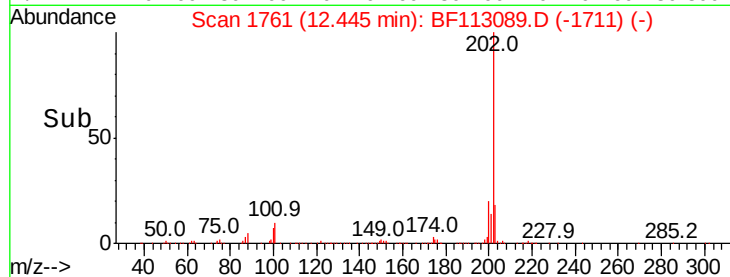
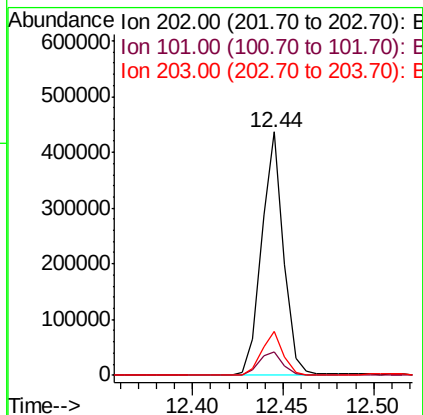
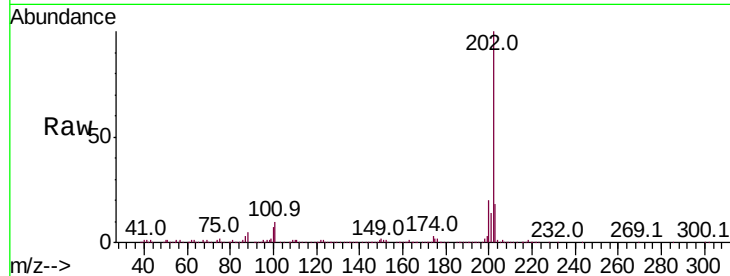
ClientSampleId :

SB-6(0.5-1.5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	33.8
203	18.1	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

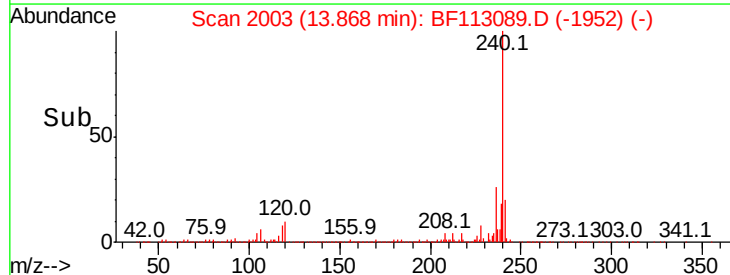
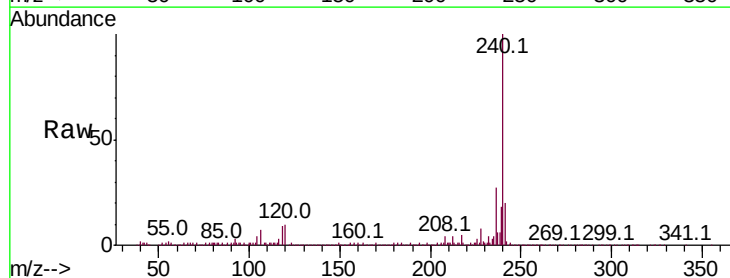
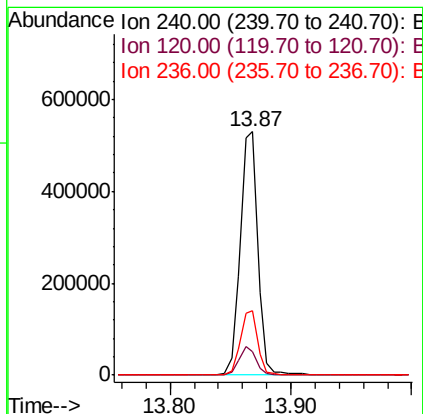
RT: 13.87 min Scan# 2003

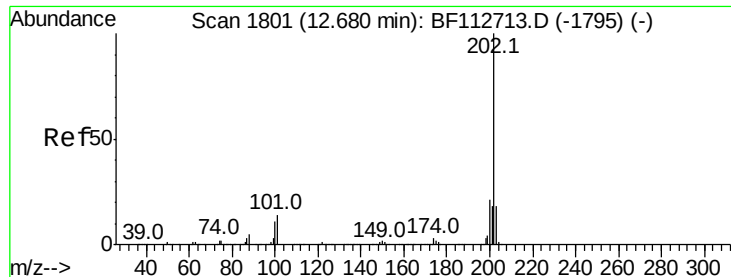
Delta R.T. -0.00 min

Lab File: BF113089.D

Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.8	8.9	13.3
236	26.6	20.7	31.1





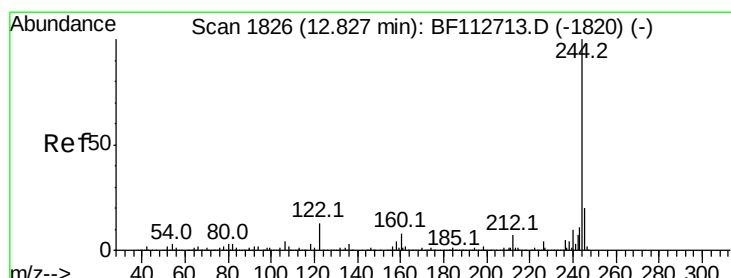
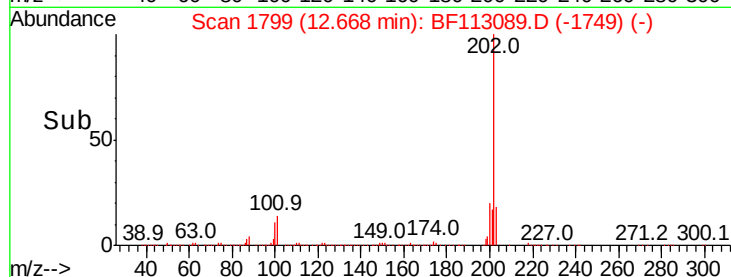
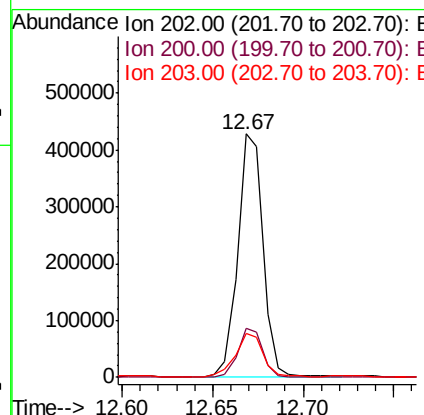
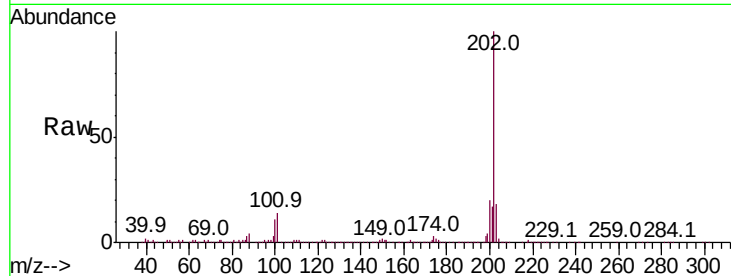
#78
Pvrene
Concen: 9.136 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1.5)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.0	17.0	25.4
203	18.1	14.4	21.6

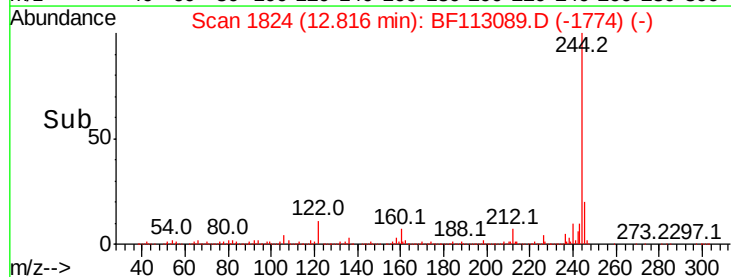
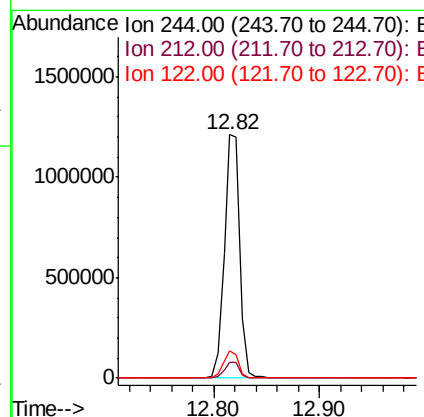
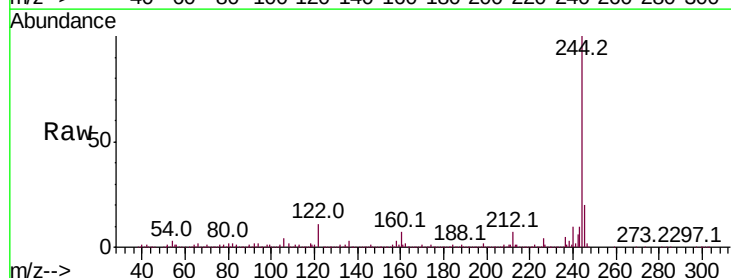
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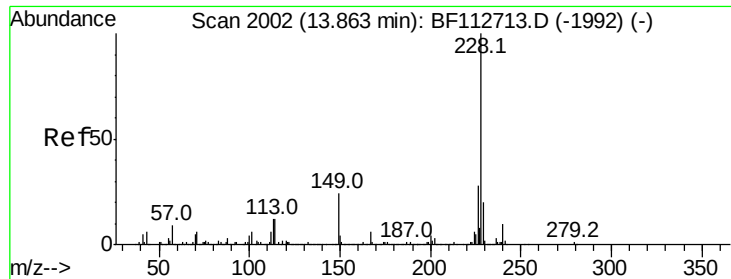
Sohil
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#79
Terphenyl-d14
Concen: 44.820 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.6	8.4
122	11.5	10.5	15.7





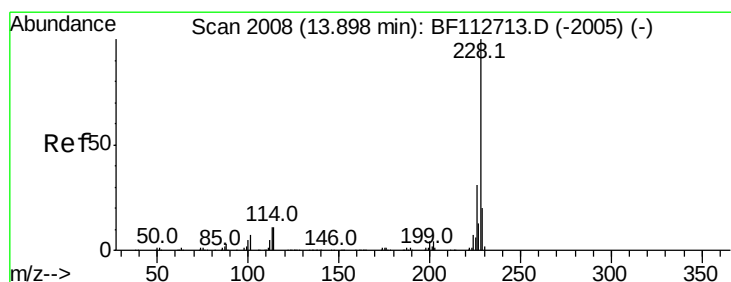
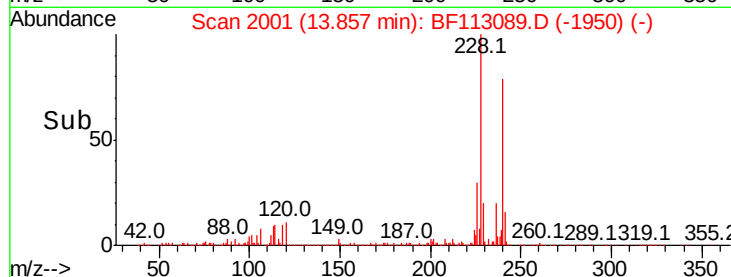
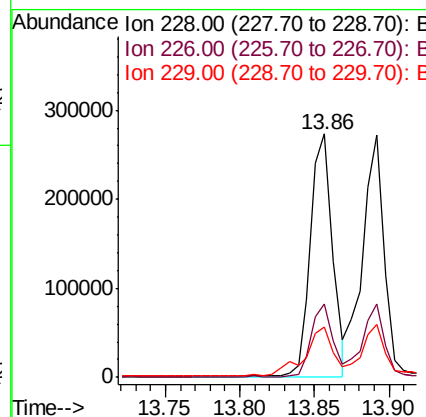
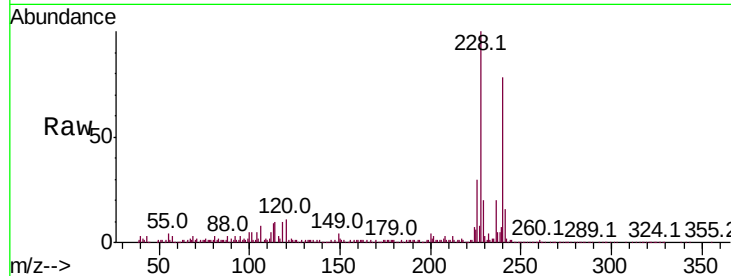
#81
Benzo(a)anthracene
Concen: 7.512 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.2	33.4
229	20.5	16.0	24.0

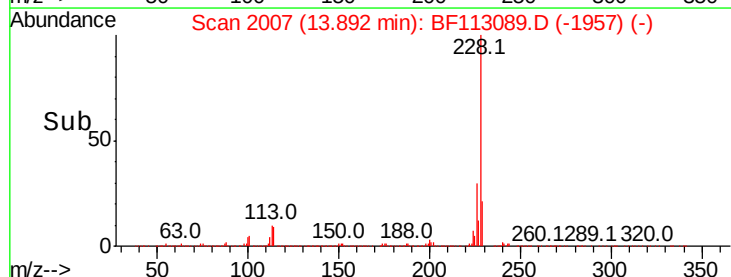
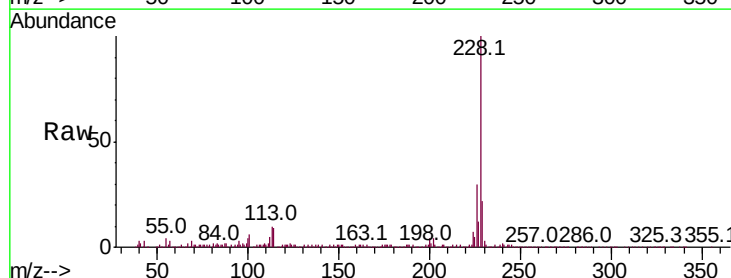
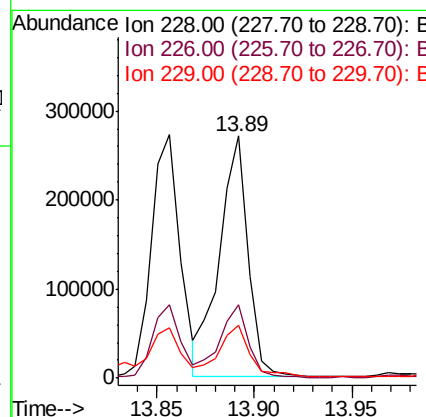
Manual Integrations
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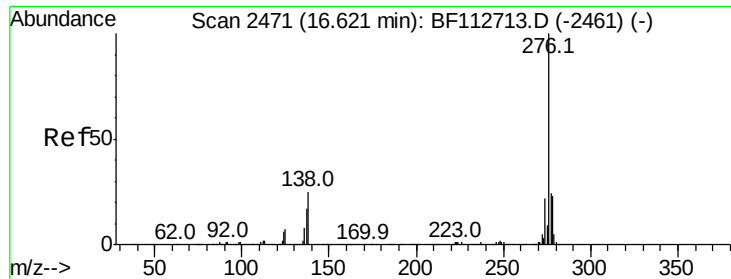
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#83
Chrysene
Concen: 7.566 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.9	16.3	24.5





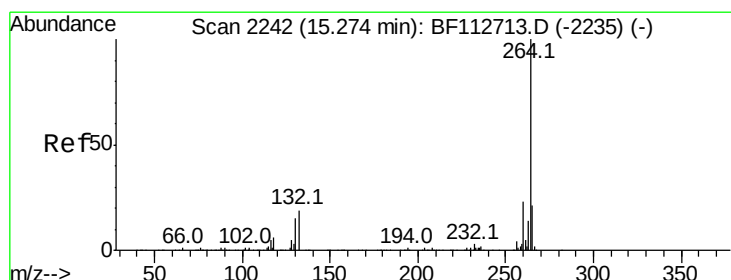
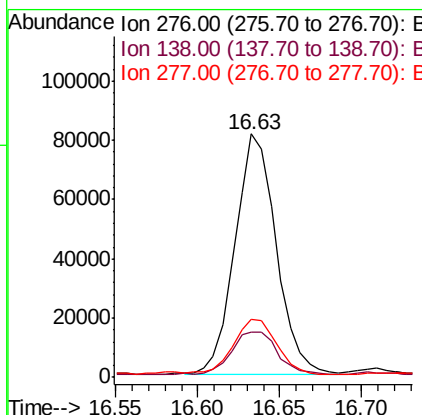
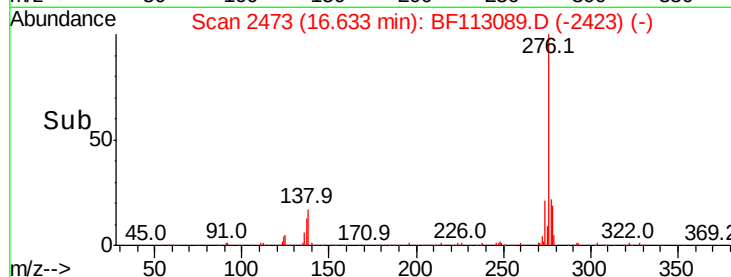
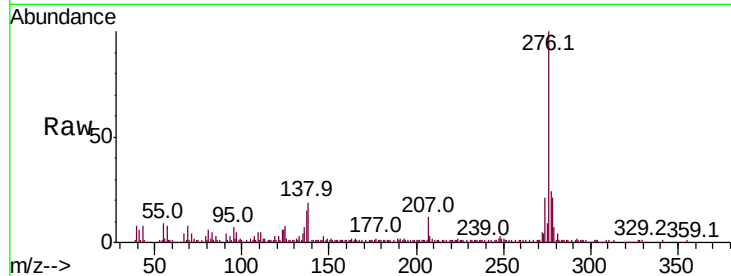
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.491 ng
RT: 16.63 min Scan# 2473
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampled :
SB-6(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
276	100		
138	4.7	23.2	34.8#
277	5.2	19.9	29.9#

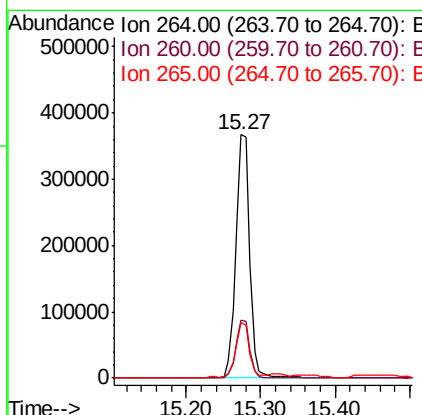
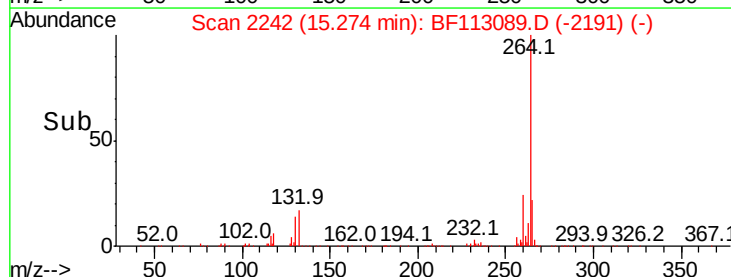
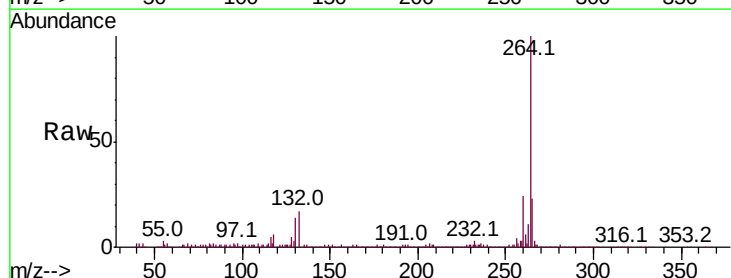
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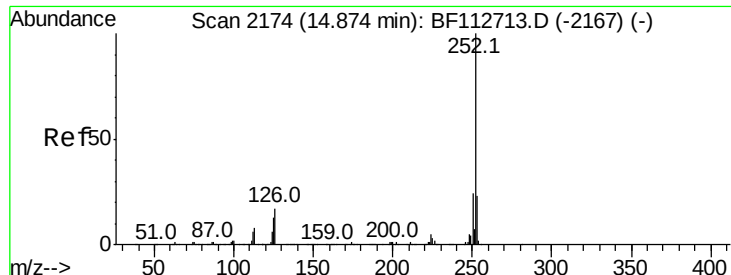
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	22.7	17.2	25.8





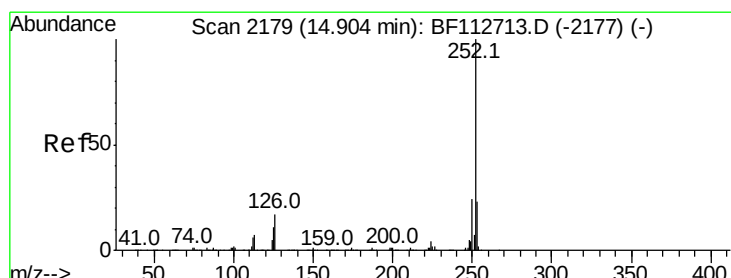
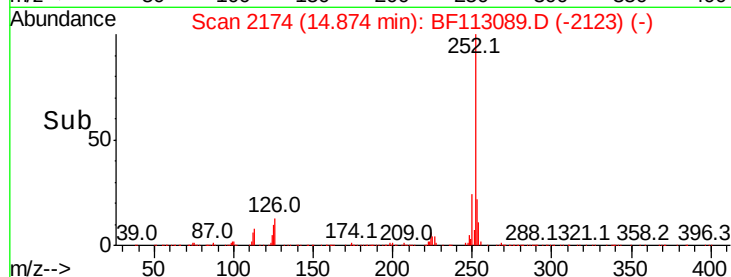
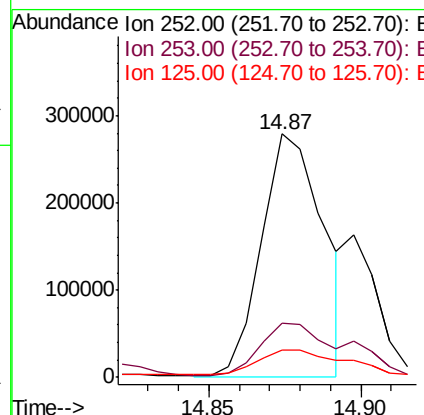
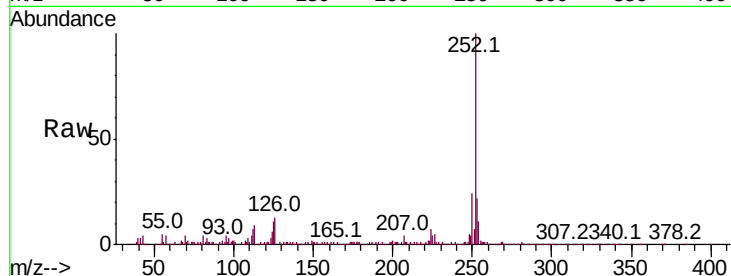
#88
Benzo(b)fluoranthene
Concen: 12.865 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampleId :
SB-6(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.3	10.2	15.2

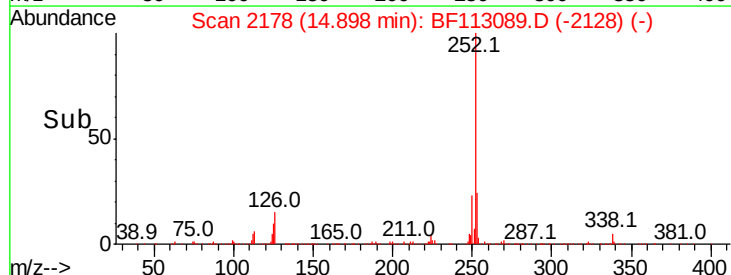
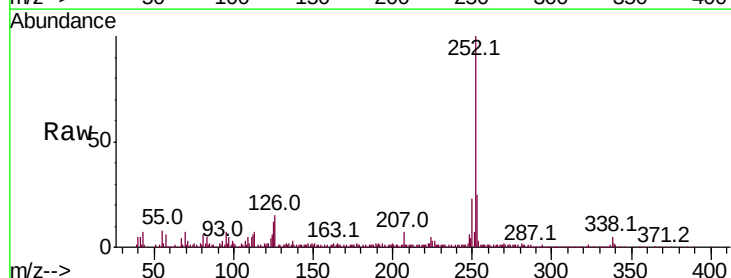
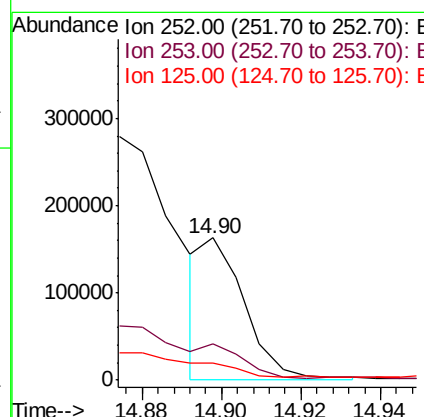
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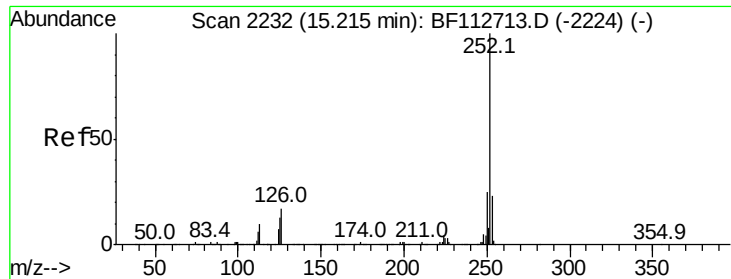
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#89
Benzo(k)fluoranthene
Concen: 4.361 ng m
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.2
125	11.8	9.8	14.6





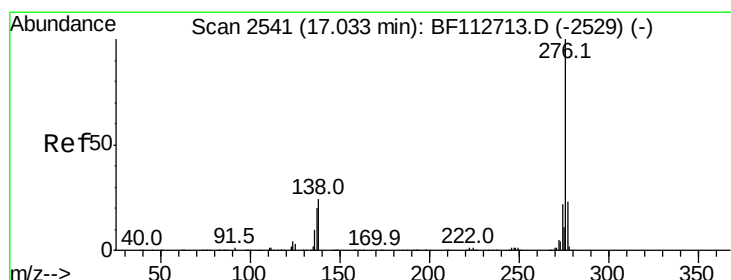
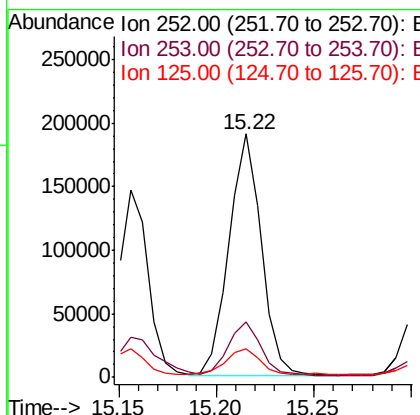
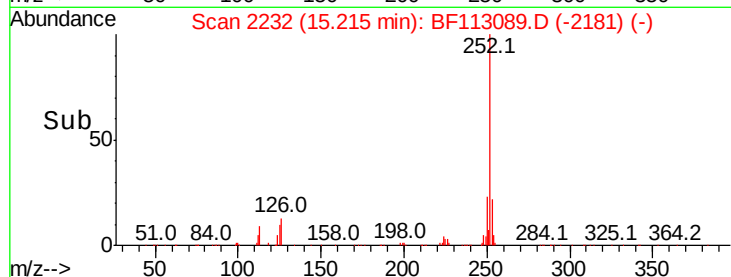
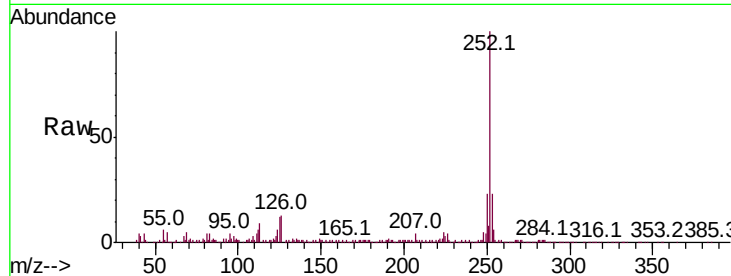
#90
Benzo(a)pyrene
Concen: 8.057 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Instrument :
BNA_F
ClientSampled :
SB-6(0.5-1.5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.7	10.7	16.1

Manual Integrations
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3/19/2019 5:09:41 PM



#92
Benzo(g,h,i)perylene
Concen: 6.172 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BF113089.D
Acq: 18 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	27.8
138	21.1	19.4	29.0

