

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113001.D
 Acq On : 12 Mar 2019 14:26
 Operator : JU/SJ
 Sample : K1817-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B116-030619

Manual Integrations
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Sohil
 3/13/2019 11:40:30 AM

Quant Time: Mar 13 04:05:37 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	191976	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	742711	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	364930	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	709040	20.00	ng	0.00
76) Chrysene-d12	13.86	240	465469	20.00	ng	0.00
87) Perylene-d12	15.27	264	472159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	910726	73.79	ng	0.00
7) Phenol-d6	6.37	99	1209485	78.02	ng	0.00
23) Nitrobenzene-d5	7.29	82	733325	59.08	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	378545	97.71	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1376844	57.37	ng	0.00
79) Terphenyl-d14	12.82	244	1290805	53.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	130773	4.860	ng	99
71) Phenanthrene	11.26	178	119310	3.382	ng	97
75) Fluoranthene	12.44	202	160497	4.246	ng	95
78) Pyrene	12.67	202	186275	4.747	ng	98
83) Chrysene	13.89	228	73364	2.322	ng	99
88) Benzo(b)fluoranthene	14.87	252	72994m	2.390	ng	
90) Benzo(a)pyrene	15.21	252	57833	2.141	ng	99

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

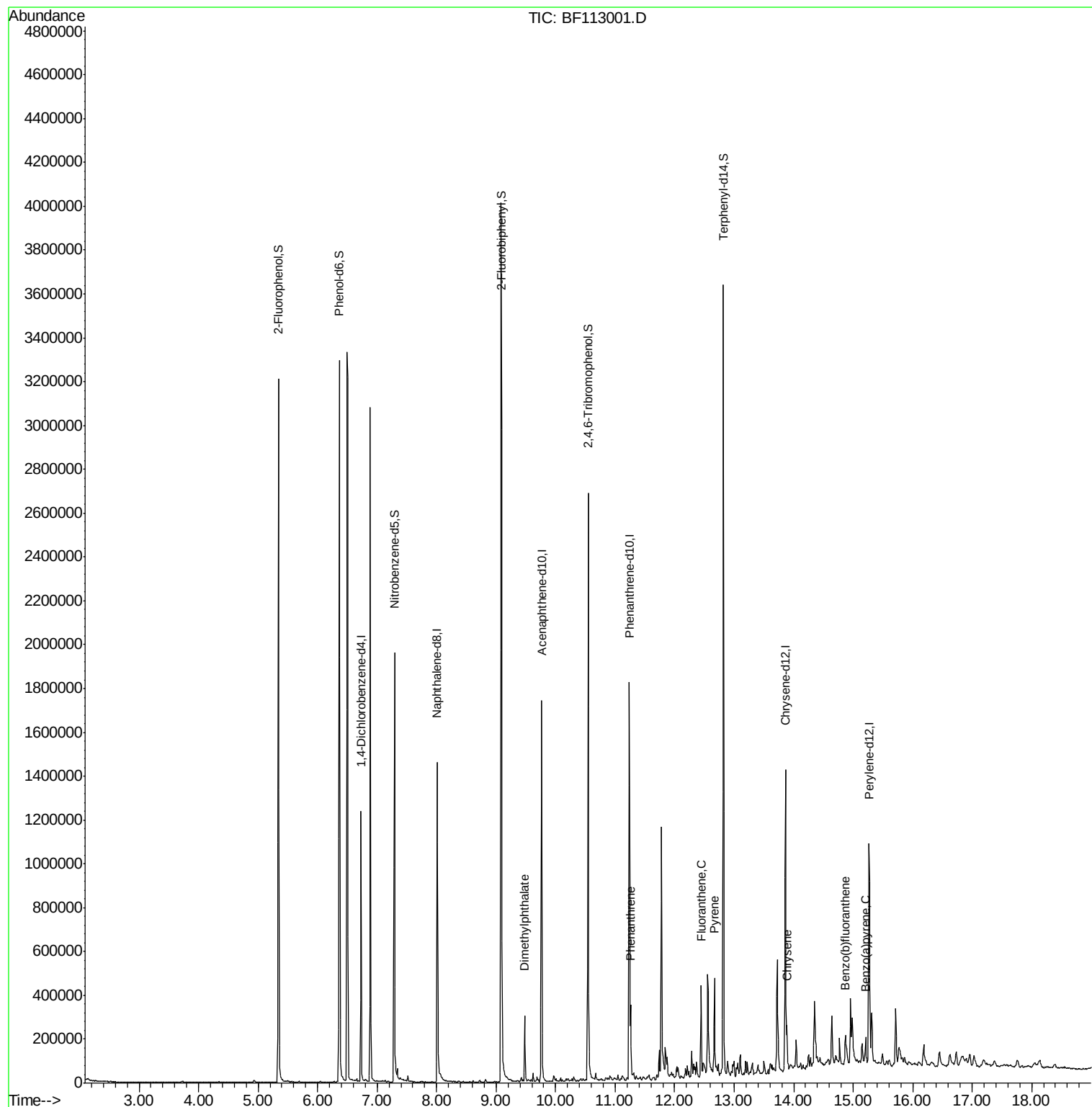
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
Data File : BF113001.D
Acq On : 12 Mar 2019 14:26
Operator : JU/SJ
Sample : K1817-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

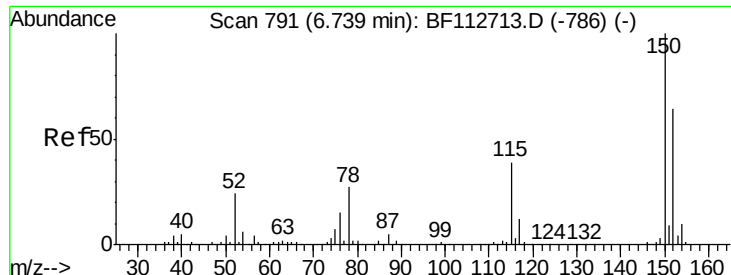
Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

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#1

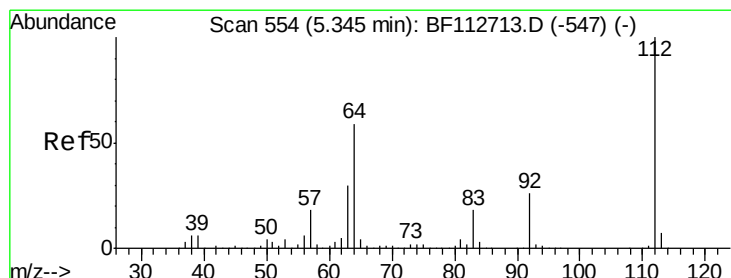
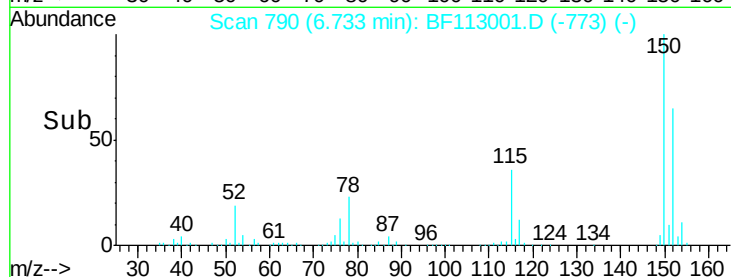
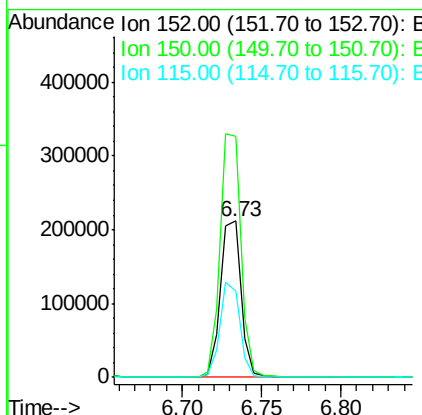
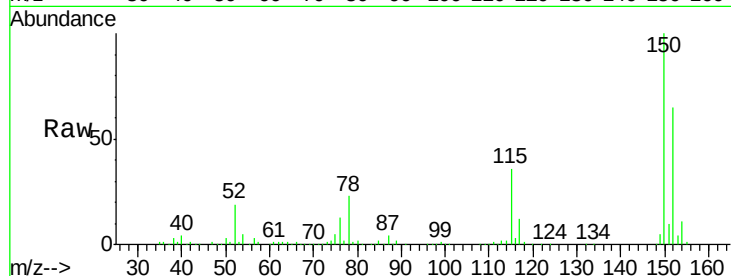
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	55.5	48.2	72.4

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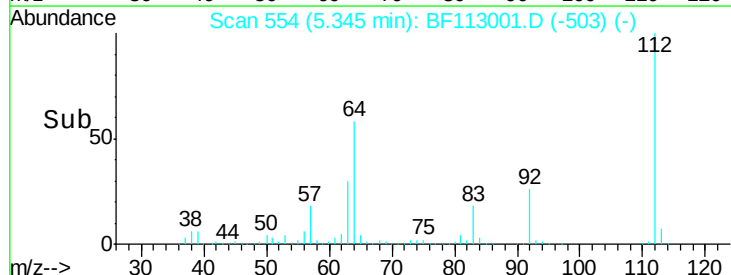
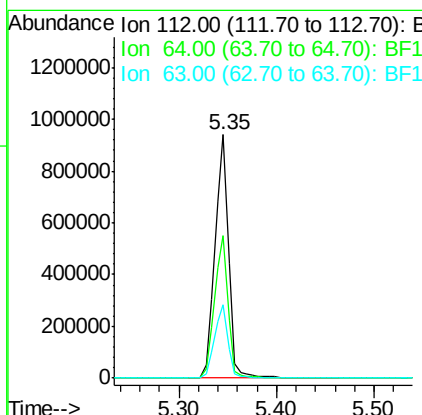
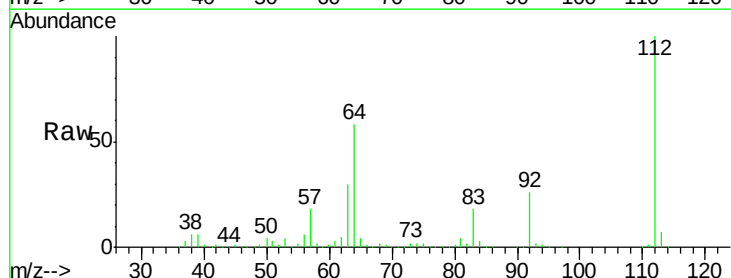
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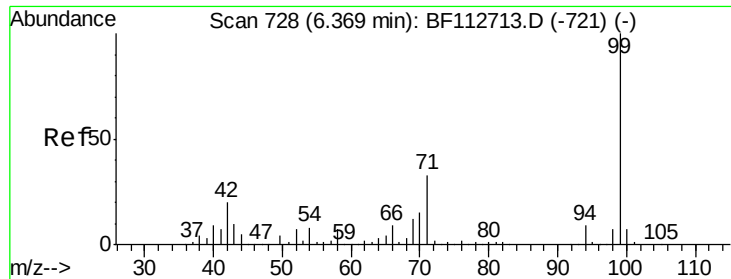


#5

2-Fluorophenol
Concen: 73.794 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.6	71.4
63	29.9	24.4	36.6





#7

Phenol-d6

Concen: 78.017 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113001.D

Acq: 12 Mar 2019 14:26

Instrument :

BNA_F

ClientSampleId :

PST-027-B116-030619

Tot Ion: 99 Resp: 1209485

Ion Ratio Lower Upper

99 100

42 18.4 16.3 24.5

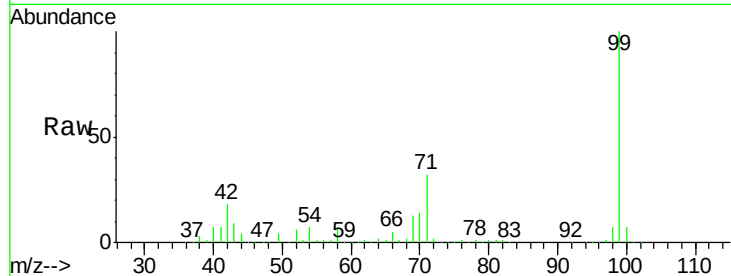
71 32.5 26.2 39.4

Manual Integrations

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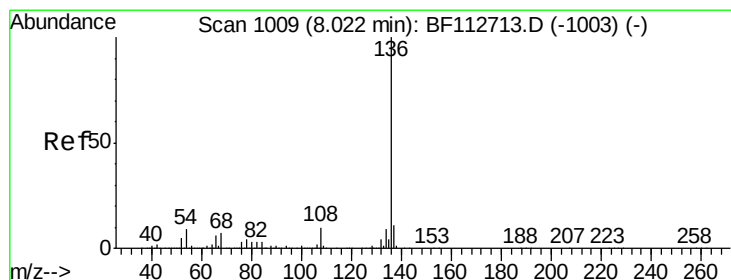
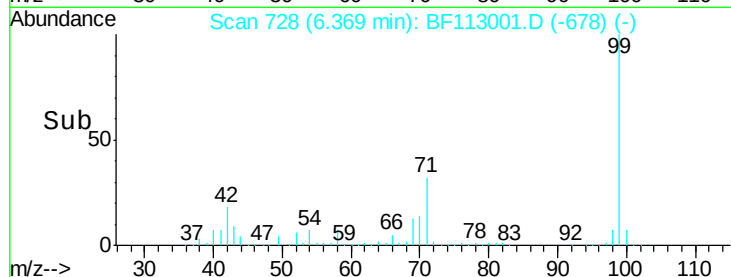
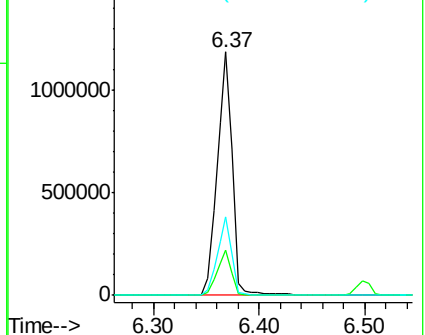
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113001.D

Acq: 12 Mar 2019 14:26

Tgt Ion: 136 Resp: 742711

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 7.3 10.9

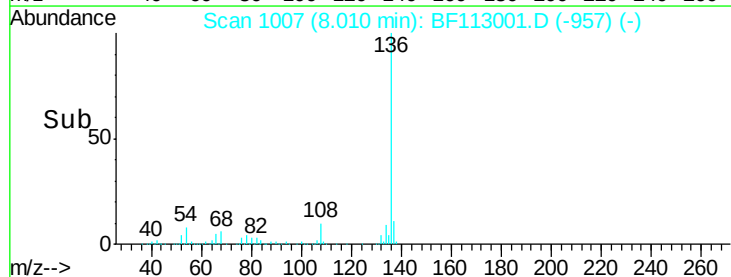
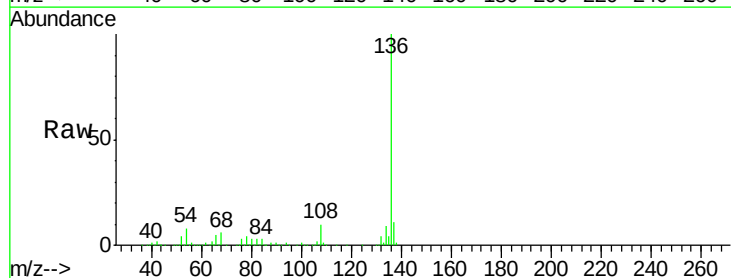
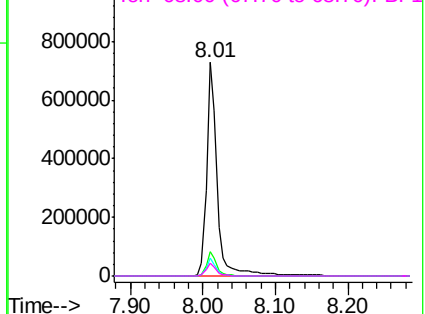
68 6.2 5.4 8.2

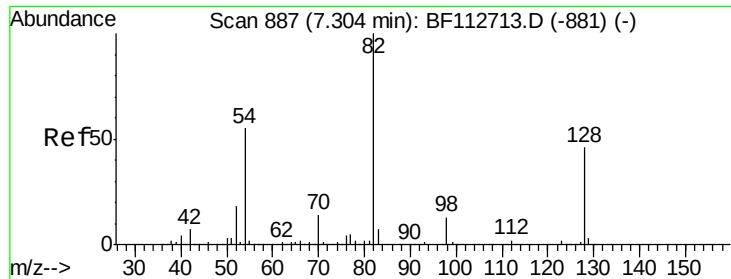
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





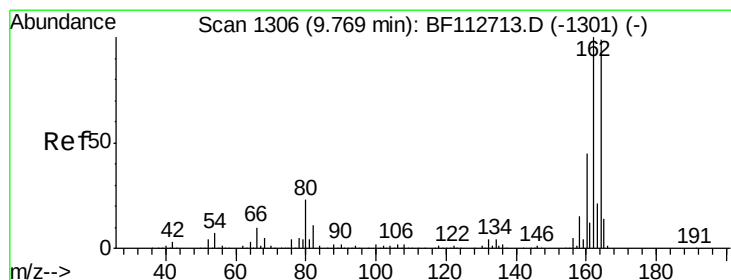
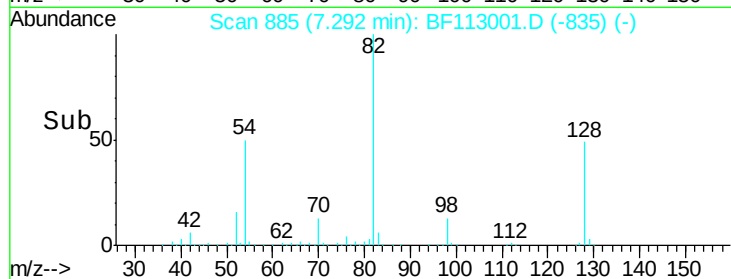
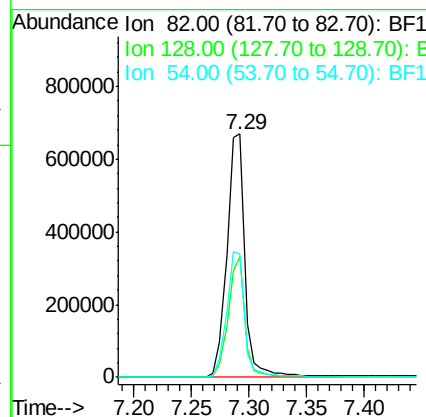
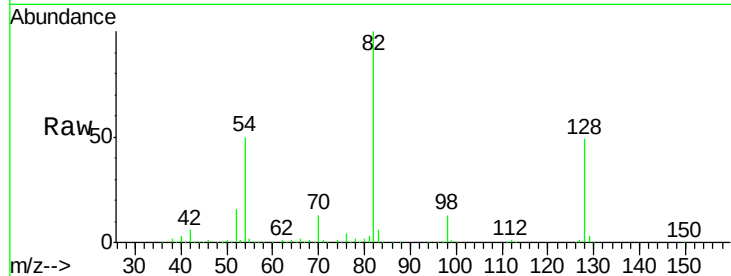
#23
 Nitrobenzene-d5
 Concen: 59.082 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113001.D
 Acq: 12 Mar 2019 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.3	54.5
54	50.4	43.7	65.5

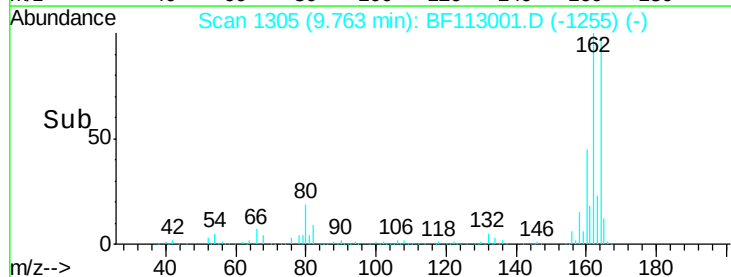
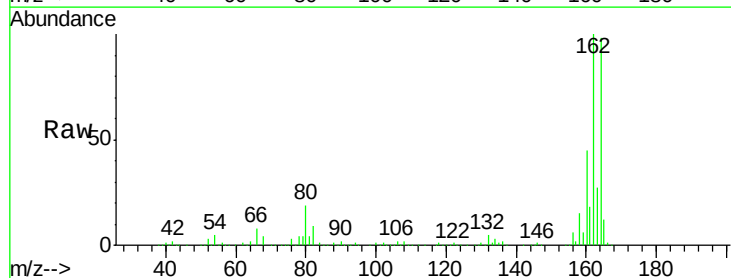
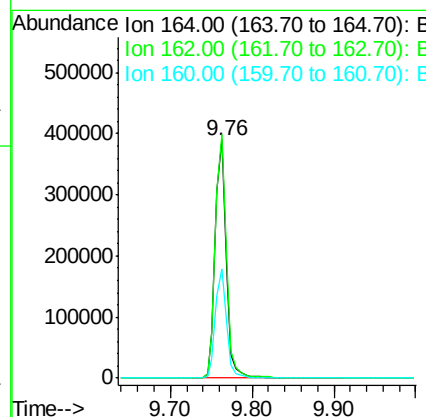
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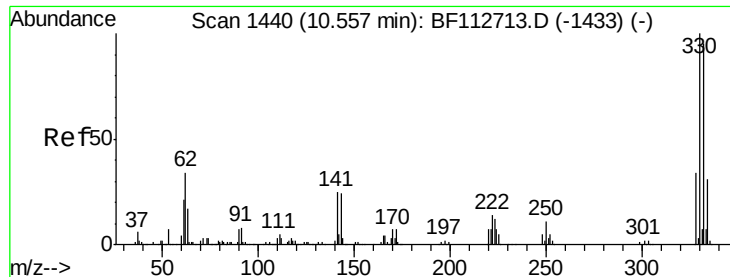
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF113001.D
 Acq: 12 Mar 2019 14:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.7	36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 97.709 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113001.D

Acq: 12 Mar 2019 14:26

Instrument :

BNA_F

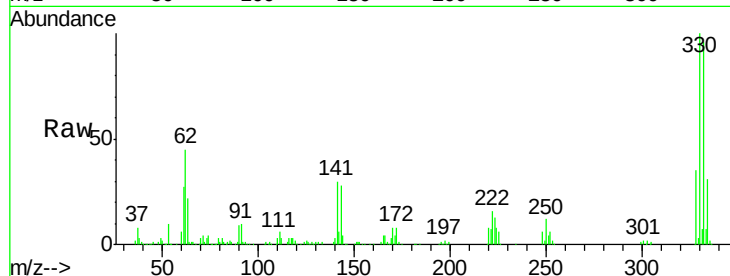
ClientSampleId :

PST-027-B116-030619

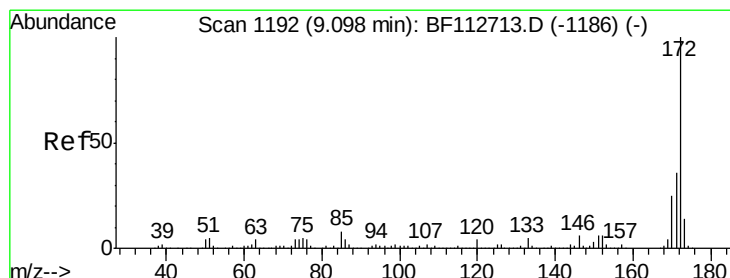
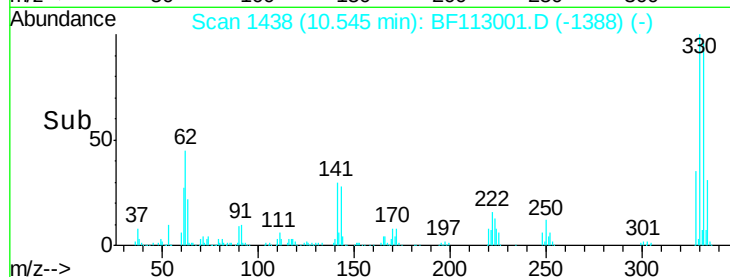
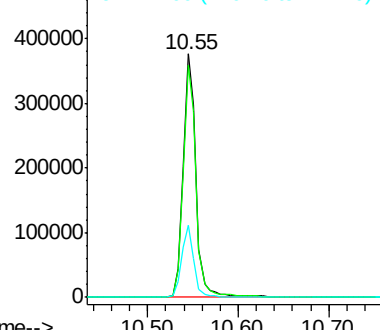
Tot Ion:	330	Resp:	378545
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.2	114.4
141	28.7	27.0	40.6

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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: 57.367 ng

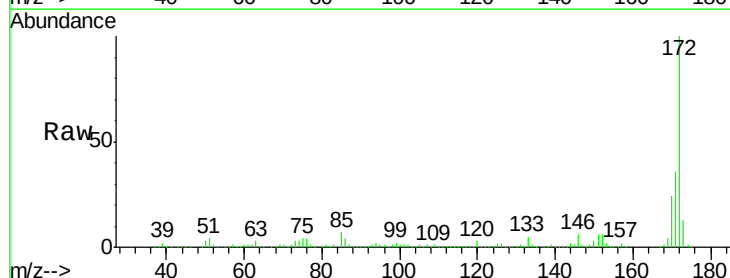
RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

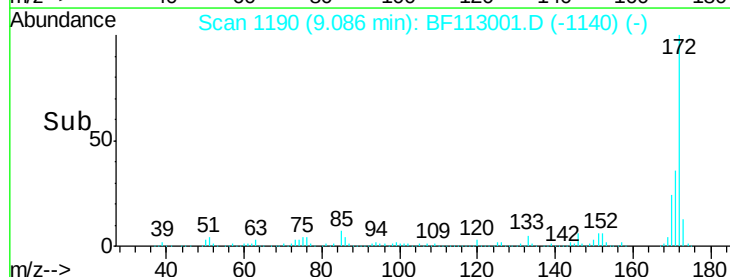
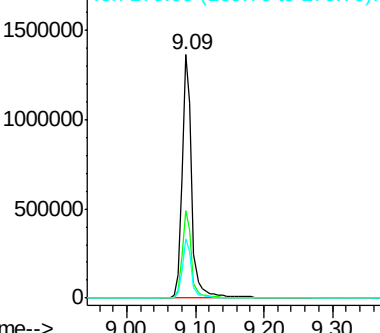
Lab File: BF113001.D

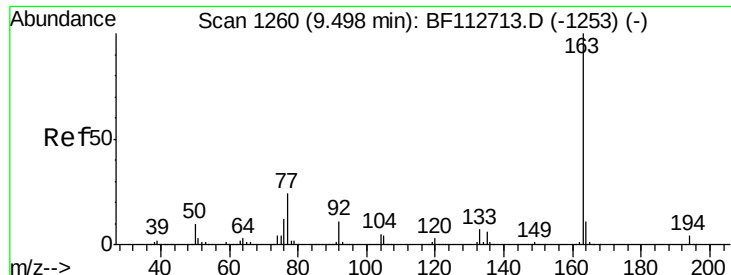
Acq: 12 Mar 2019 14:26

Tgt Ion:	172	Resp:	1376844
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.0	43.4
170	24.3	20.0	30.0



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: 4.860 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113001.D

Acq: 12 Mar 2019 14:26

Instrument :

BNA_F

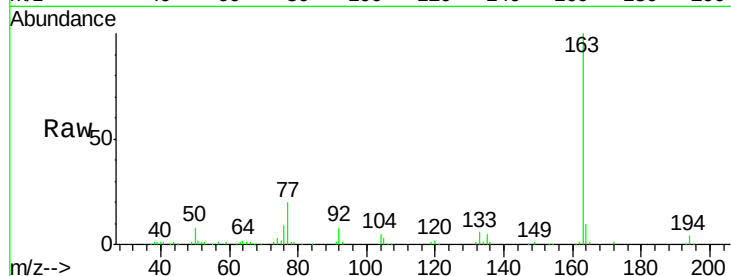
ClientSampleId :

PST-027-B116-030619

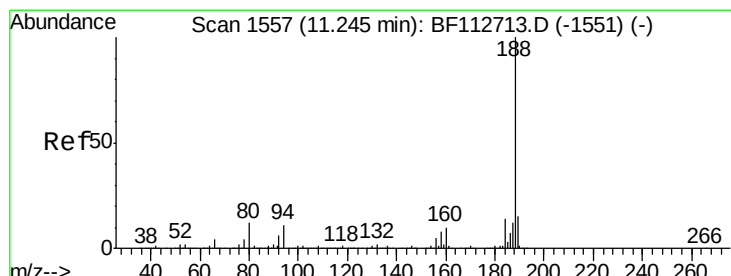
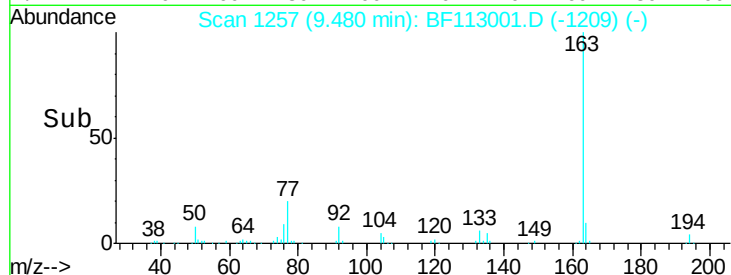
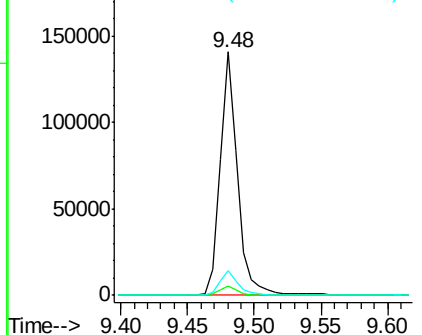
Tot Ion:	163	Resp:	130773
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.4
164	10.0	8.4	12.6

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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

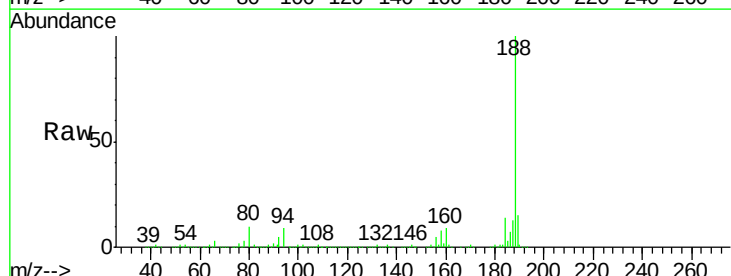
RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

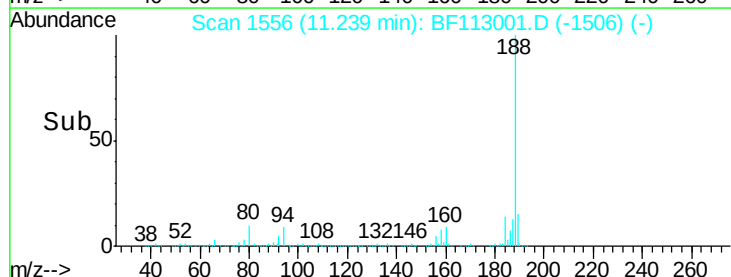
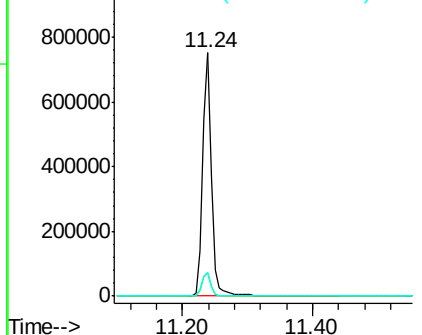
Lab File: BF113001.D

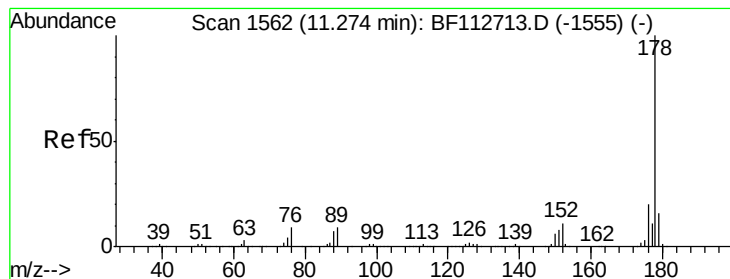
Acq: 12 Mar 2019 14:26

Tgt Ion:	188	Resp:	709040
Ion Ratio	Lower	Upper	
188	100		
94	9.5	9.0	13.4
80	9.8	9.2	13.8



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: 3.382 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BF113001.D

Acq: 12 Mar 2019 14:26

Instrument :

BNA_F

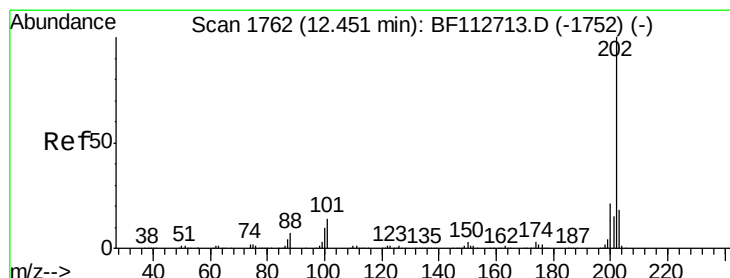
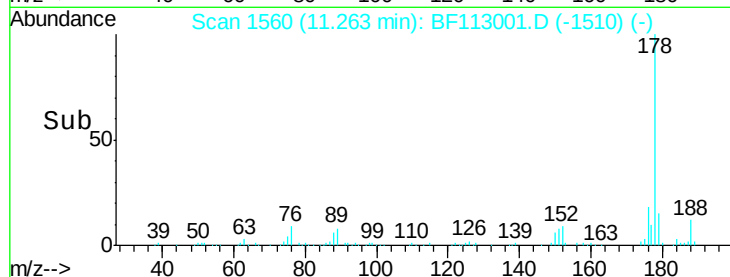
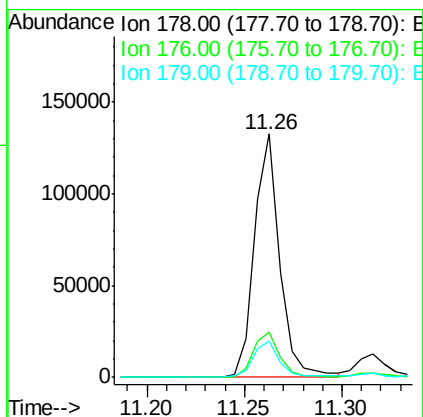
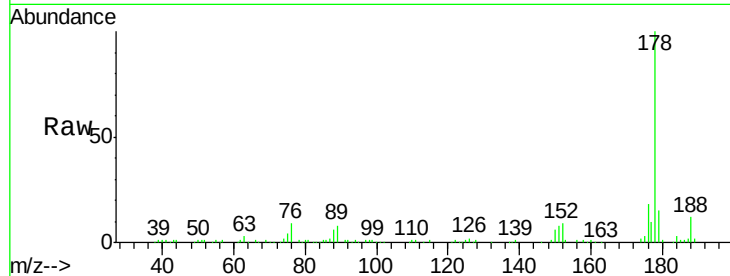
ClientSampleId :

PST-027-B116-030619

Tot Ion:	178	Resp:	119310
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.3	24.5
179	15.1	12.7	19.1

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#75

Fluoranthene

Concen: 4.246 ng

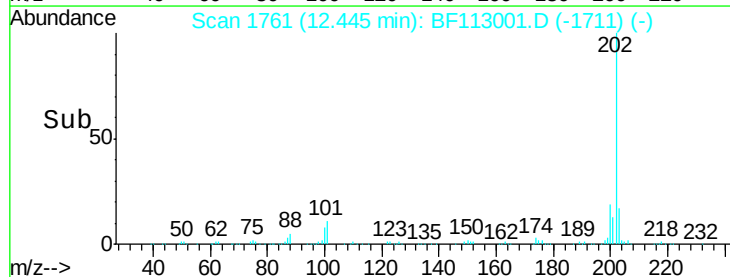
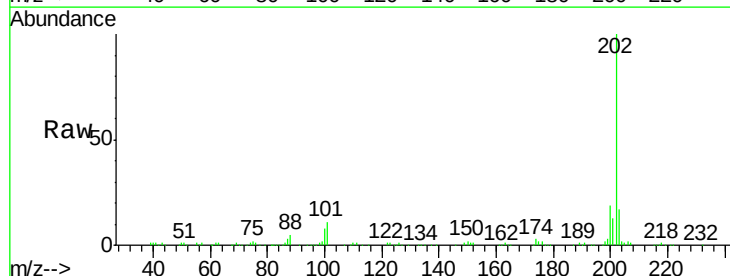
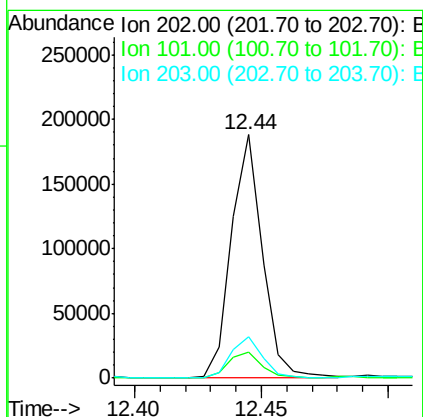
RT: 12.44 min Scan# 1761

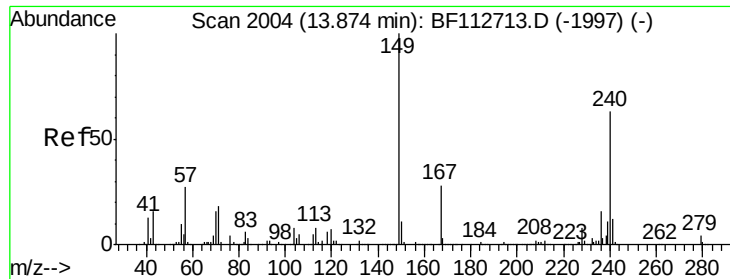
Delta R.T. -0.01 min

Lab File: BF113001.D

Acq: 12 Mar 2019 14:26

Tgt Ion:	202	Resp:	160497
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	33.8
203	17.2	0.0	38.4





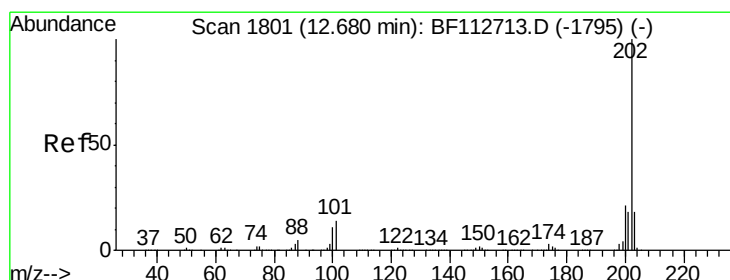
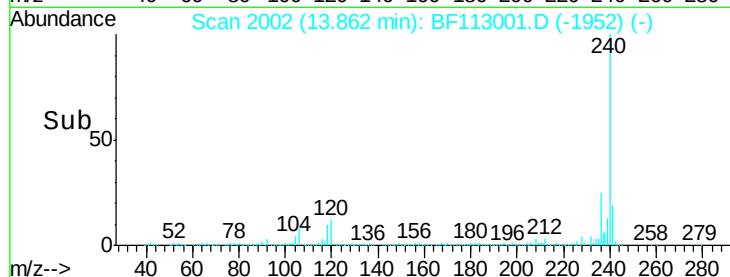
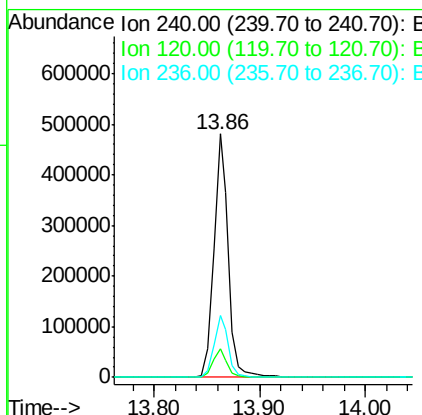
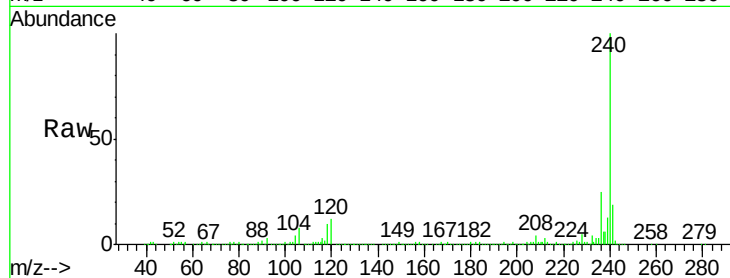
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.3	20.7	31.1

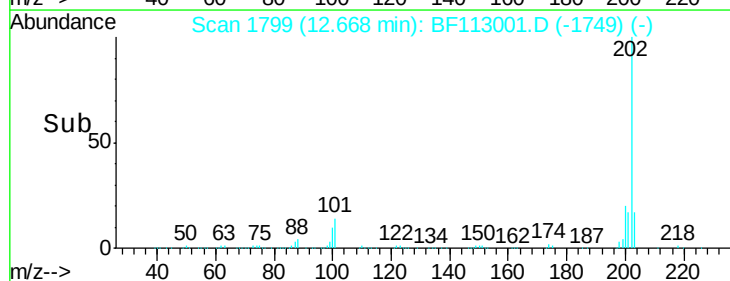
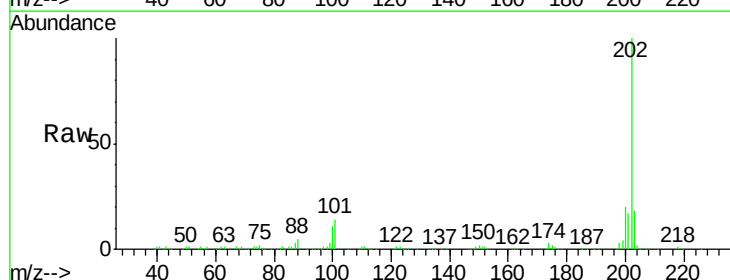
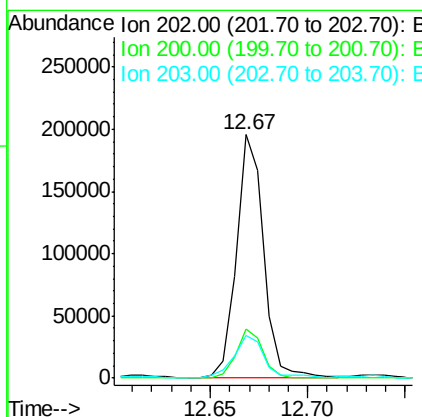
Manual Integrations
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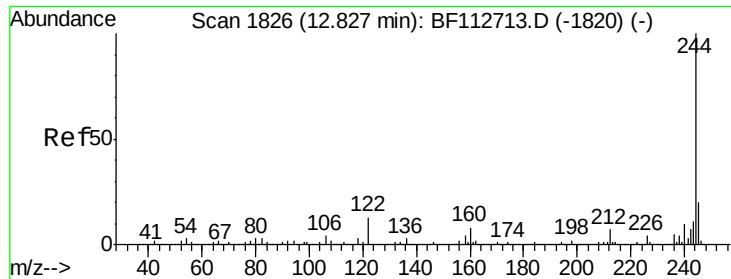
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#78
Pyrene
Concen: 4.747 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.0	25.4
203	17.7	14.4	21.6





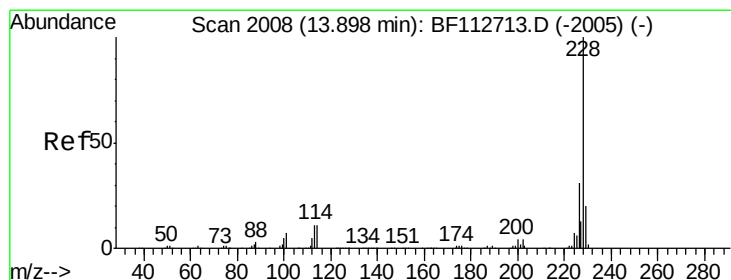
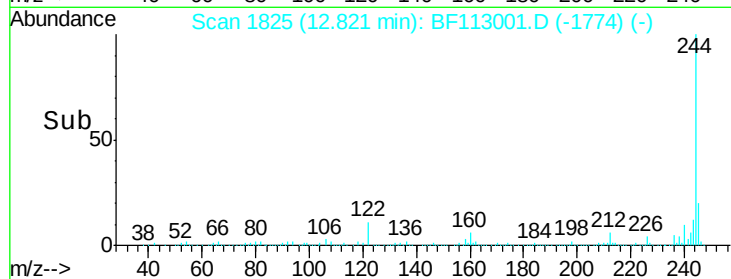
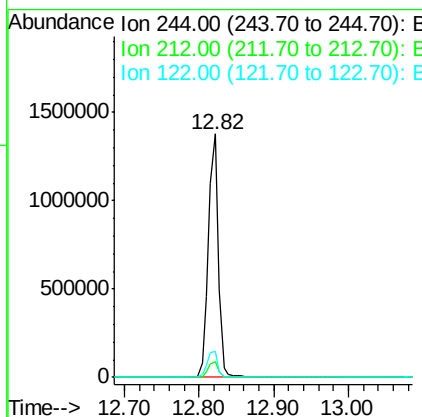
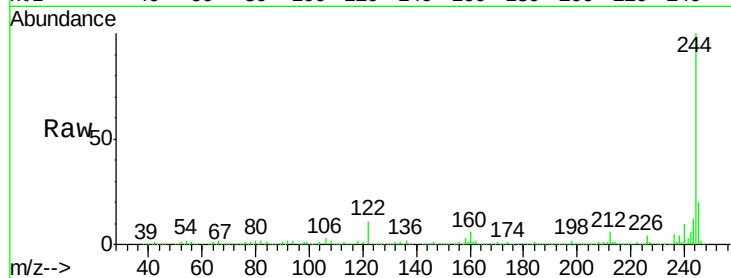
#79
 Terphenyl-d14
 Concen: 53.757 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113001.D
 Acq: 12 Mar 2019 14:26

Instrument :
 BNA_F
 ClientSampled :
 PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	10.6	10.5	15.7

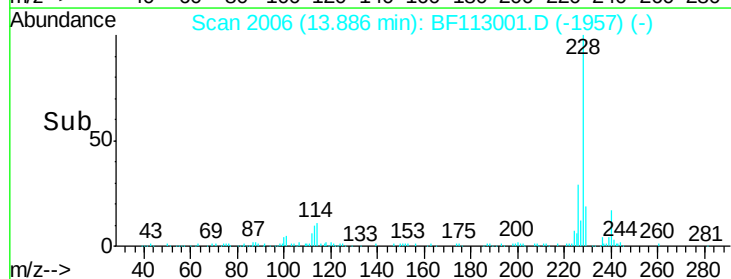
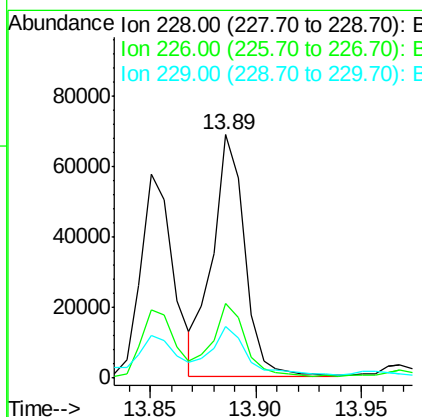
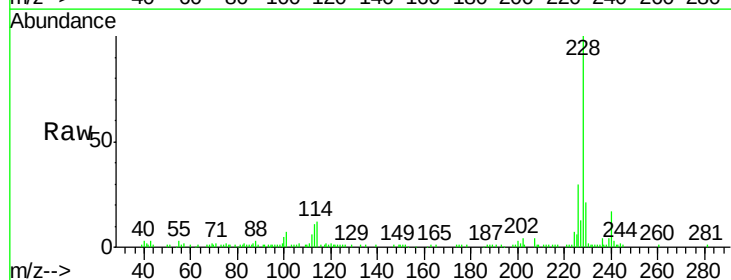
Manual Integrations
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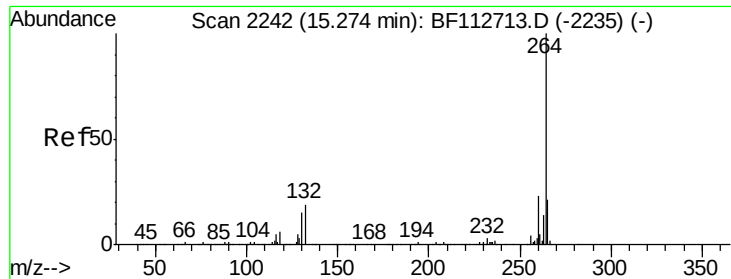
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#83
 Chrysene
 Concen: 2.322 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF113001.D
 Acq: 12 Mar 2019 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.3	16.3	24.5





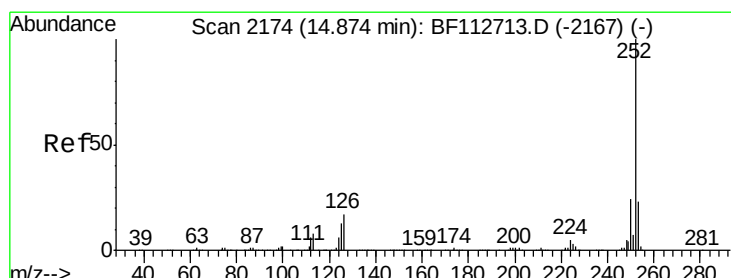
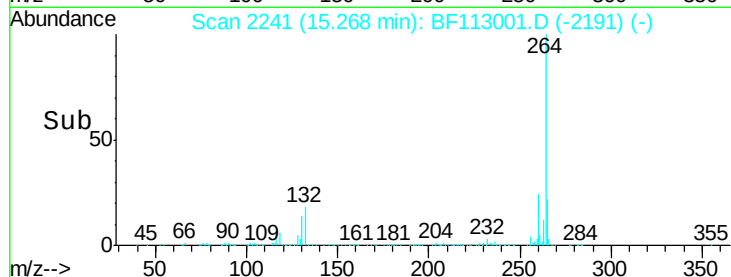
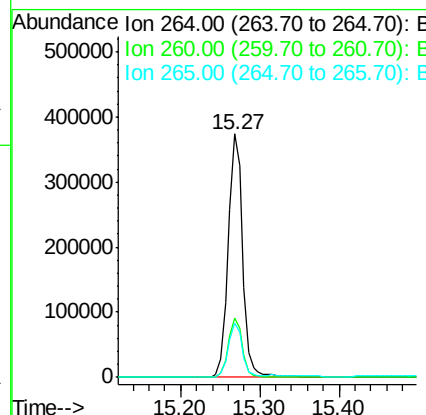
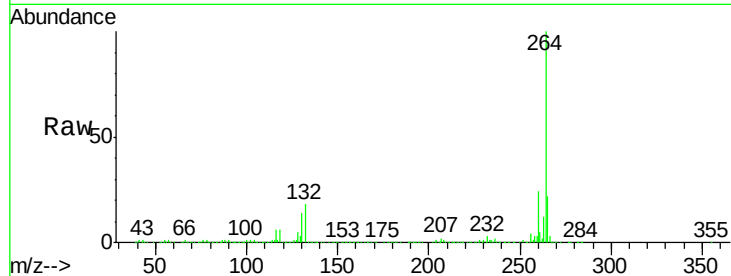
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Instrument :
BNA_F
ClientSampleId :
PST-027-B116-030619

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.3	17.2	25.8

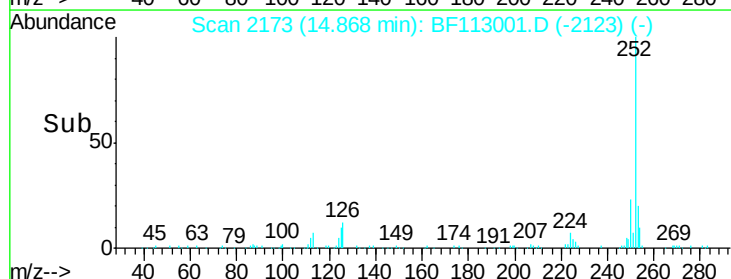
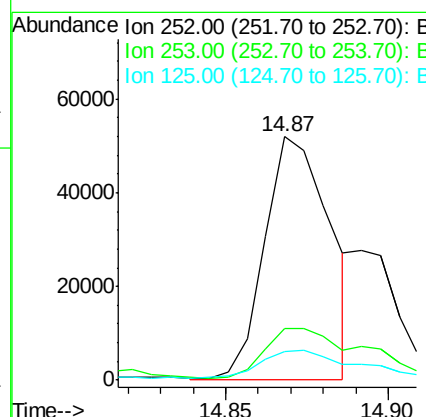
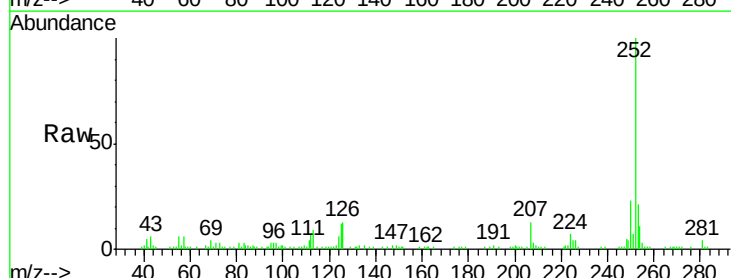
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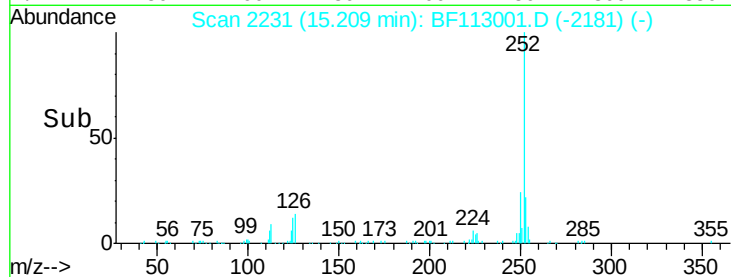
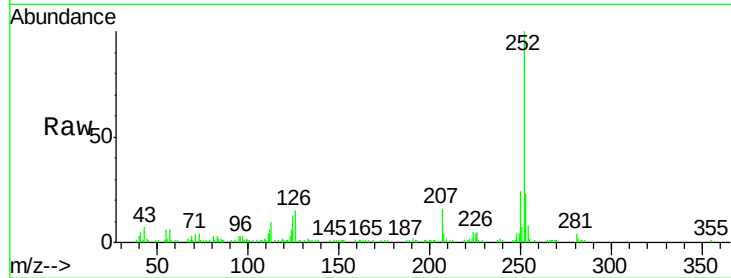
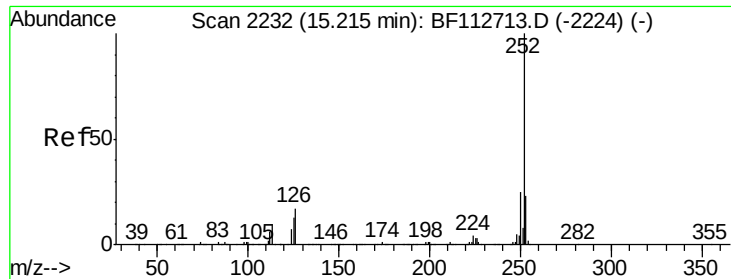
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#88
Benzo(b)fluoranthene
Concen: 2.390 ng m
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113001.D
Acq: 12 Mar 2019 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	11.7	10.2	15.2





#90

Benzo(a)pyrene

Concen: 2.141 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BF113001.D

Acq: 12 Mar 2019 14:26

Tot Ion:	252	Resp:	57833
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.0	27.0
125	13.1	10.7	16.1

Instrument :

BNA_F

ClientSampleId :

PST-027-B116-030619

Manual Integrations
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3/13/2019 11:40:30 AM

