

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
 Data File : BF112930.D
 Acq On : 7 Mar 2019 19:17
 Operator : JU/SJ
 Sample : K1757-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-S

Manual Integrations
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Sohil
 3/8/2019 9:26:10 AM

Quant Time: Mar 08 01:08:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	202022	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	784673	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	390078	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	802454	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	679783	20.00	ng	-0.01
87) Perylene-d12	15.26	264	609788	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1133270	87.26	ng	0.00
7) Phenol-d6	6.37	99	1437385	88.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	880568	67.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	464387	112.14	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1553869	61.32	ng	-0.01
79) Terphenyl-d14	12.82	244	1712457	48.83	ng	0.00
Target Compounds						
10) Phenol	6.37	94	65835	3.458	ng	93
50) Dimethylphthalate	9.47	163	185285	6.442	ng	100
71) Phenanthrene	11.26	178	86783	2.174	ng	97
75) Fluoranthene	12.44	202	176904	4.136	ng	98
78) Pyrene	12.67	202	139459	2.434	ng	98
83) Chrysene	13.89	228	102066	2.212	ng	97
88) Benzo(b)fluoranthene	14.86	252	101755m	2.580	ng	

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

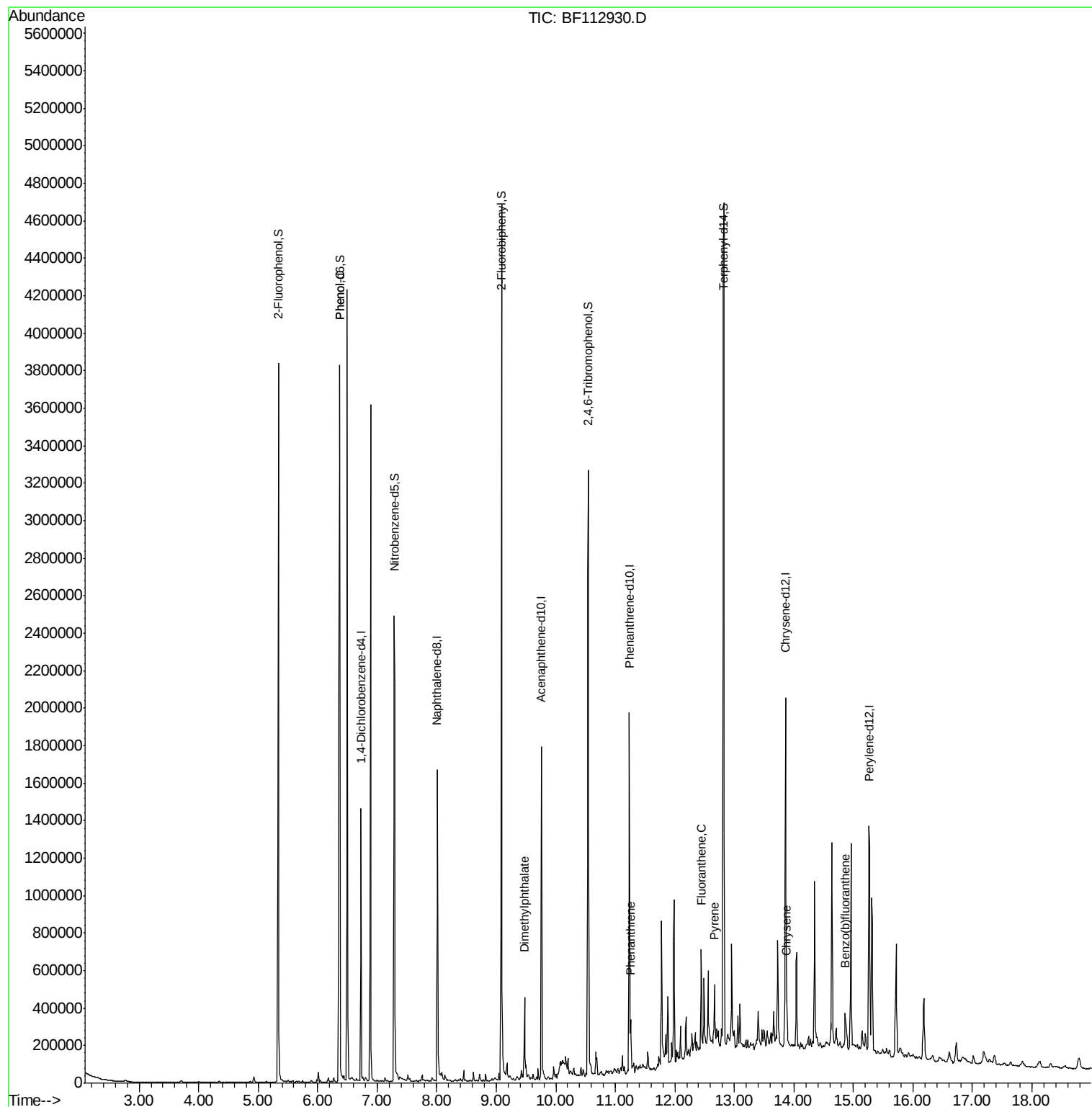
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112930.D
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Operator : JU/SJ
Sample : K1757-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

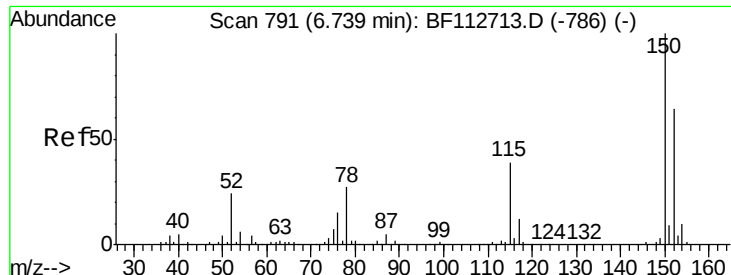
Instrument :
BNA_F
ClientSampleId :
TP-6CD-S

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

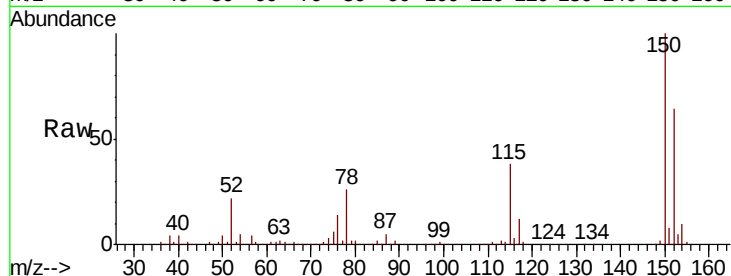
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Instrument :
BNA_F
ClientSampled :
TP-6CD-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	59.3	48.2	72.4

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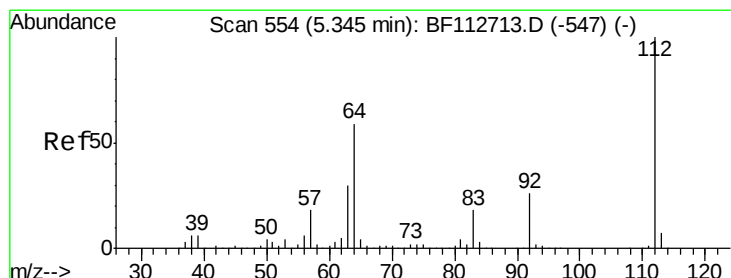
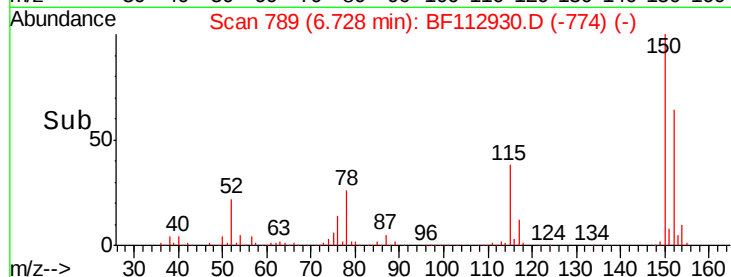
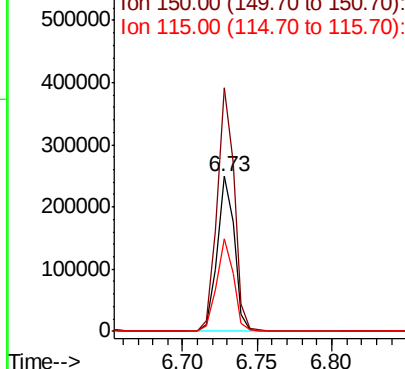


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

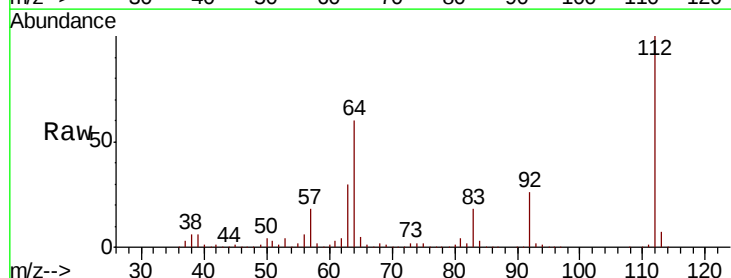
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.260 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.6	71.4
63	29.7	24.4	36.6

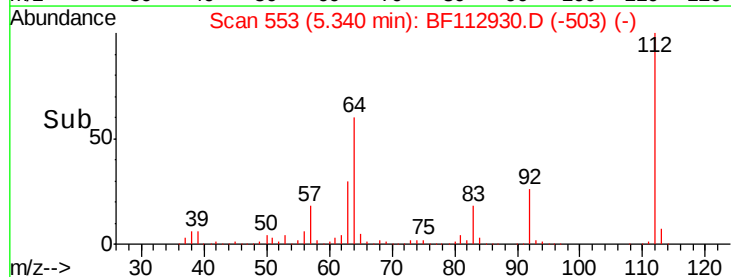
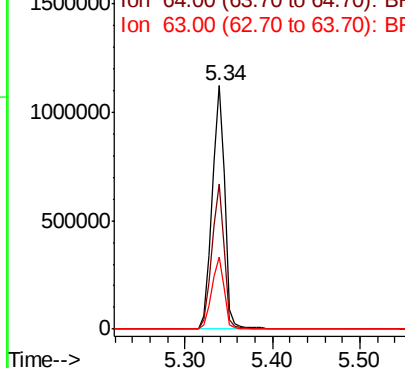


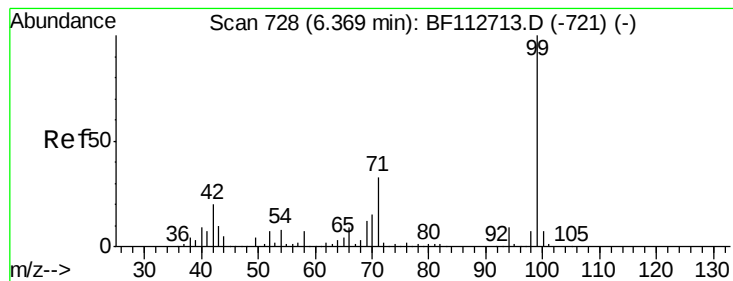
Abundance

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: 88.107 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF112930.D

Acq: 7 Mar 2019 19:17

Instrument :

BNA_F

ClientSampled :

TP-6CD-S

Tot Ion: 99 Resp: 1437385

Ion Ratio Lower Upper

99 100

42 18.3 16.3 24.5

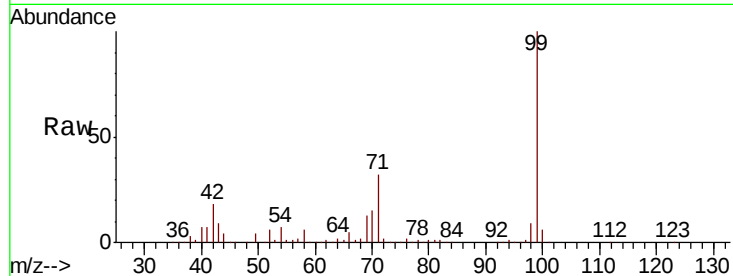
71 31.6 26.2 39.4

Manual Integrations

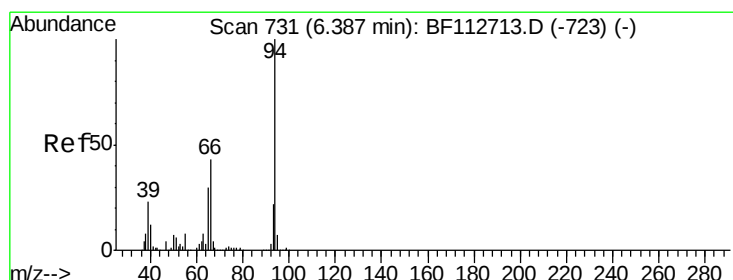
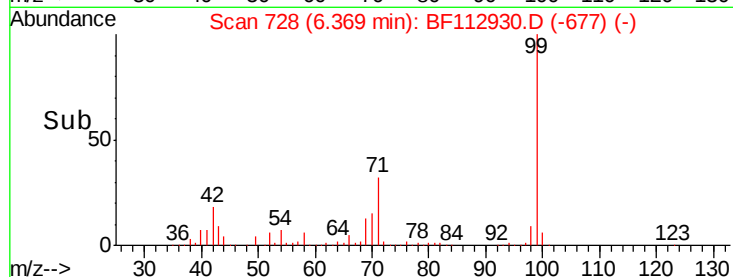
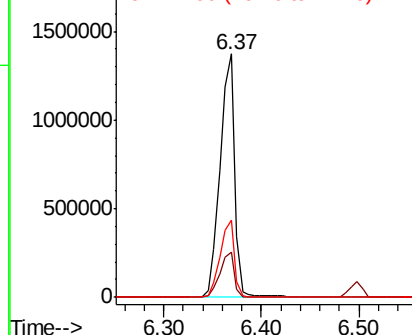
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.458 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112930.D

Acq: 7 Mar 2019 19:17

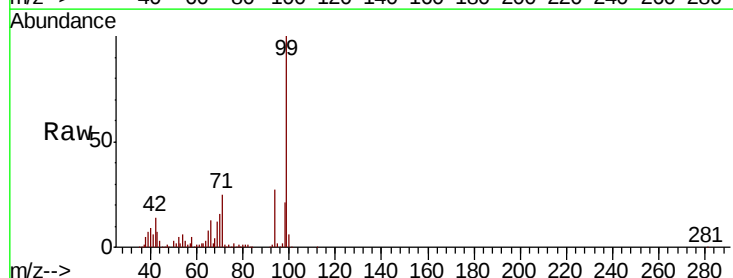
Tgt Ion: 94 Resp: 65835

Ion Ratio Lower Upper

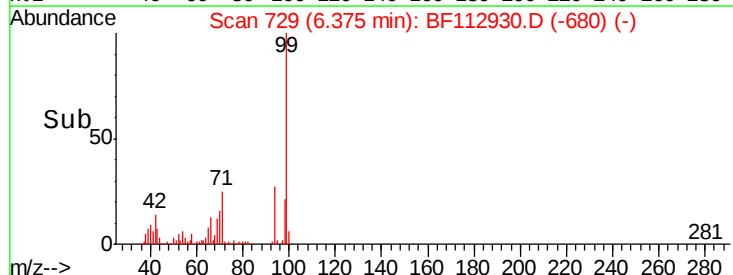
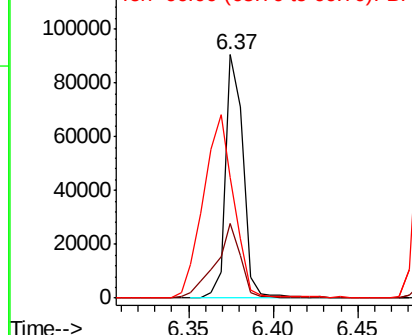
94 100

65 30.7 10.5 50.5

66 49.6 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





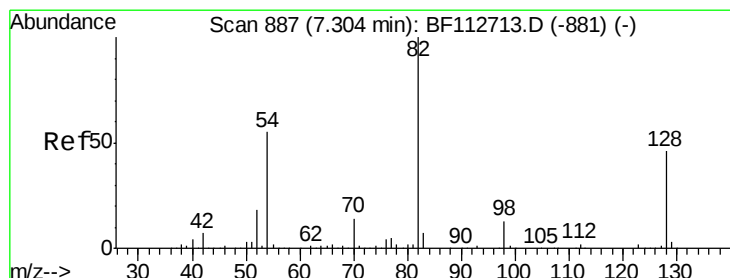
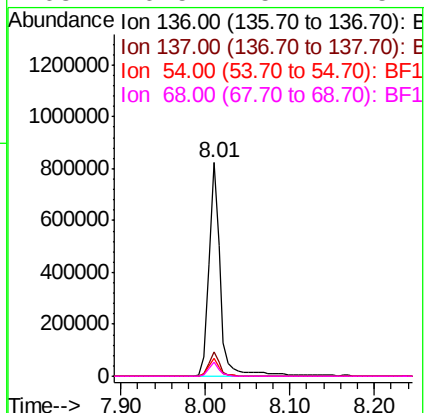
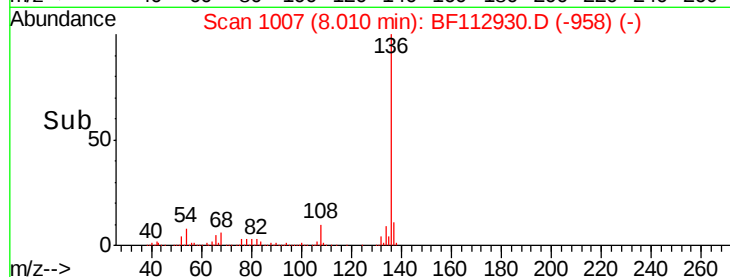
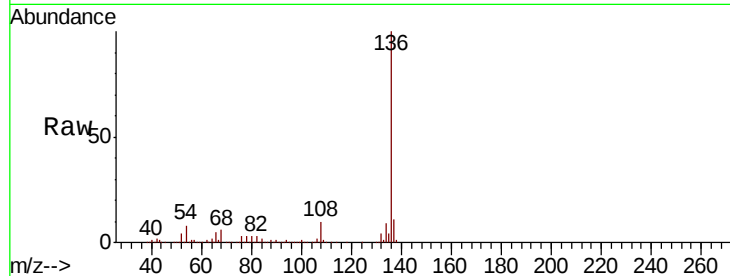
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP-6CD-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		784673		
137	11.2	8.9	13.3		
54	8.1	7.3	10.9		
68	6.5	5.4	8.2		

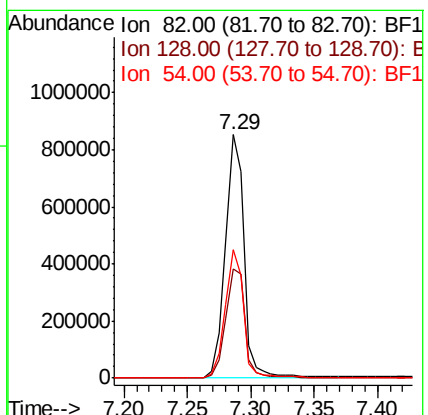
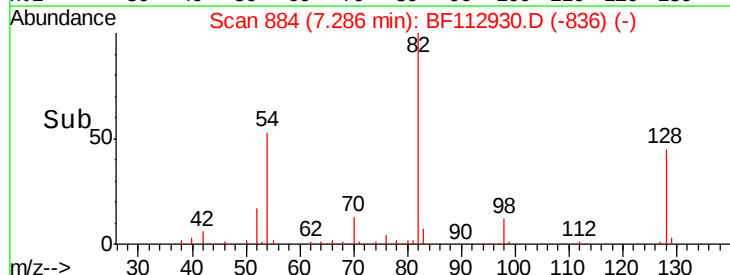
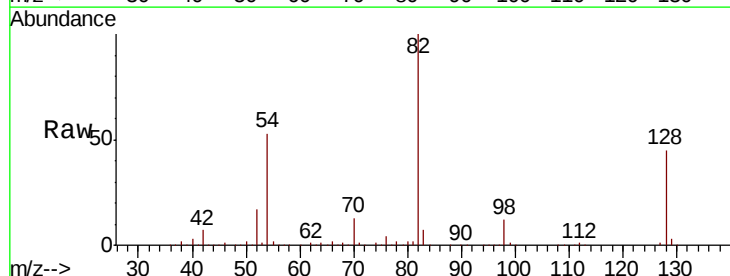
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#23
Nitrobenzene-d5
Concen: 67.151 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		880568		
128	45.1	36.3	54.5		
54	52.9	43.7	65.5		





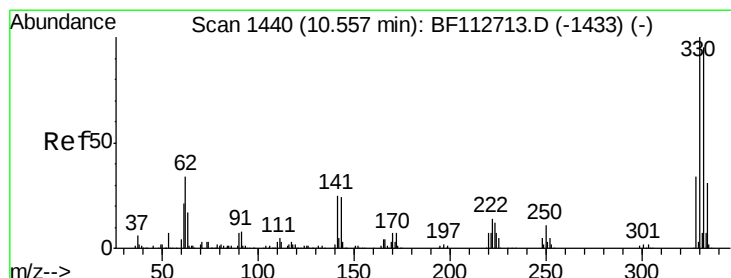
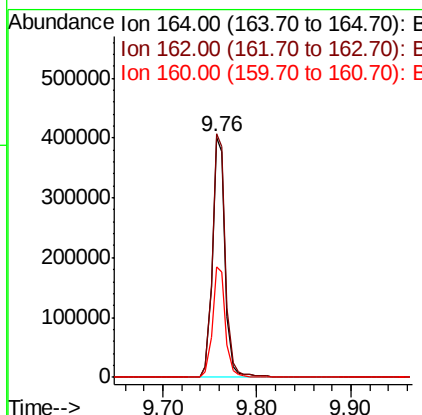
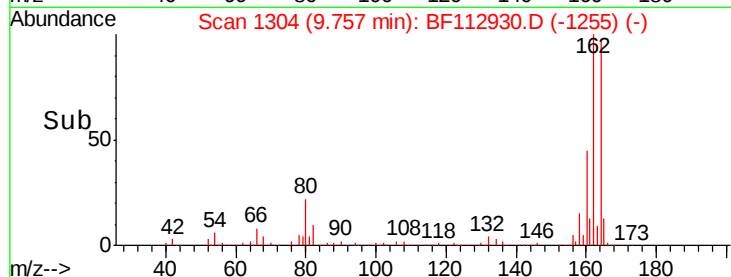
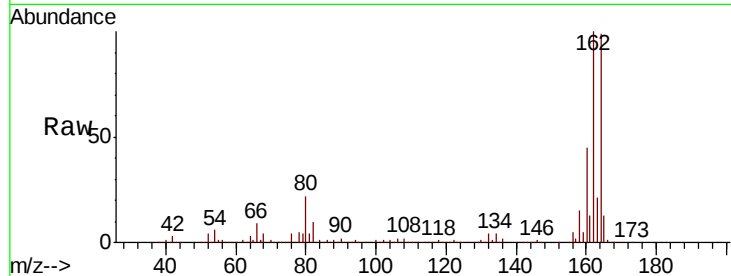
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP-6CD-S

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.0	36.0	54.0

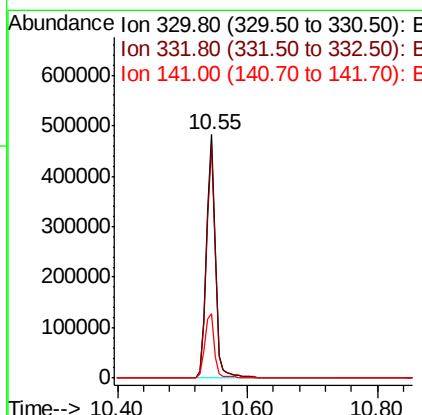
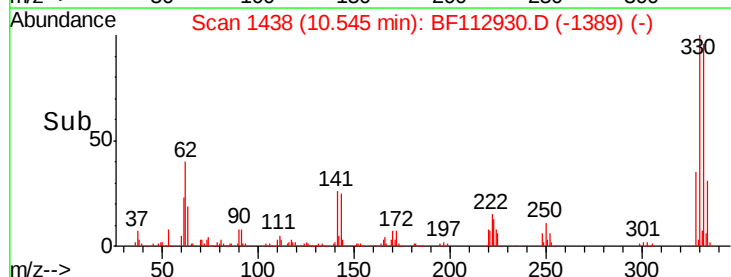
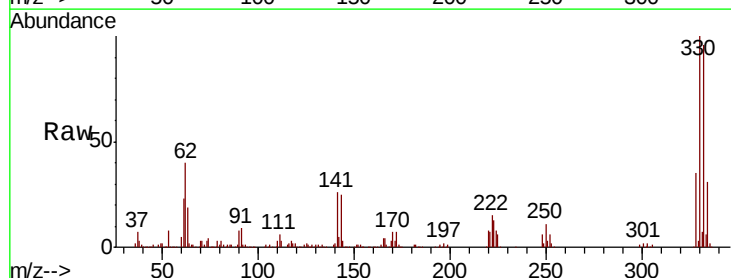
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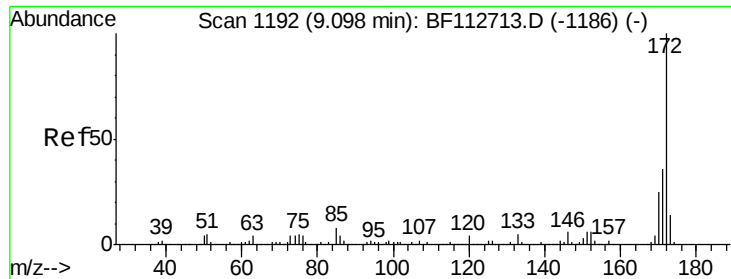
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#42
2,4,6-Tribromophenol
Concen: 112.139 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.2	27.0	40.6





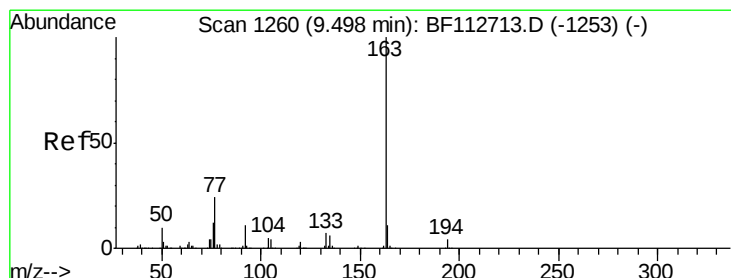
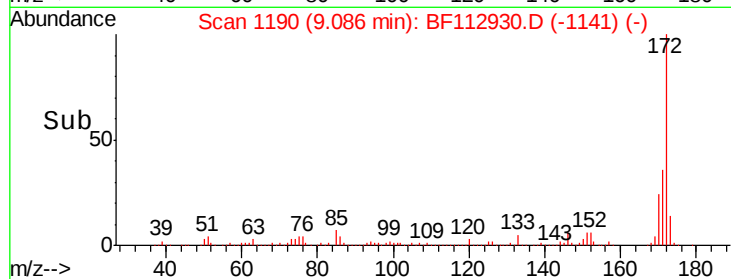
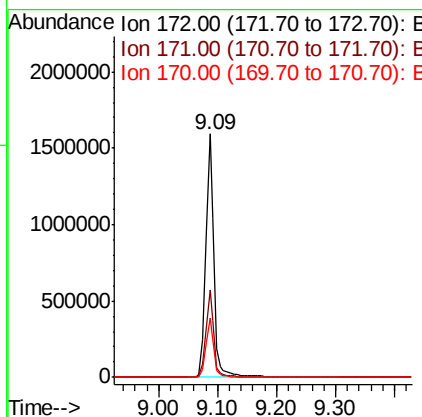
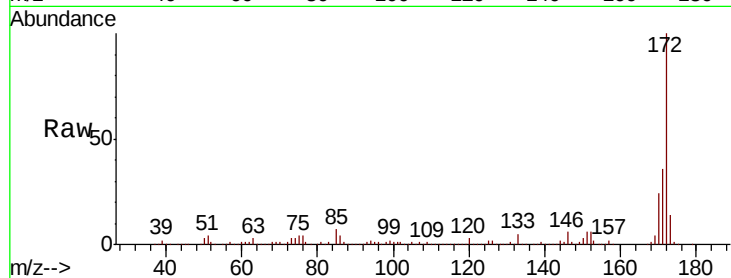
#45
2-Fluorobiphenyl
Concen: 61.324 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP-6CD-S

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	20.0	30.0

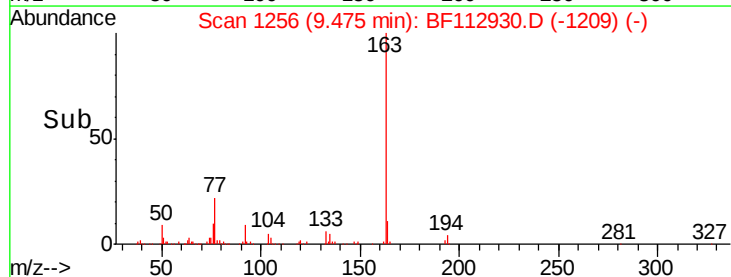
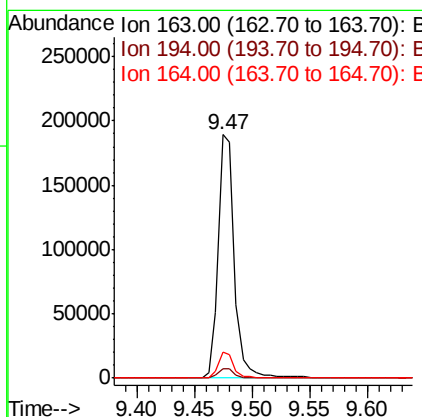
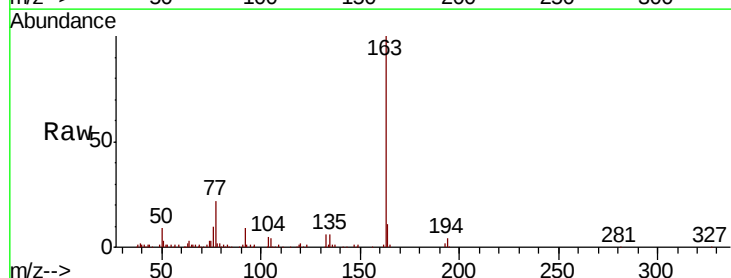
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#50
Dimethylphthalate
Concen: 6.442 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.5	8.4	12.6





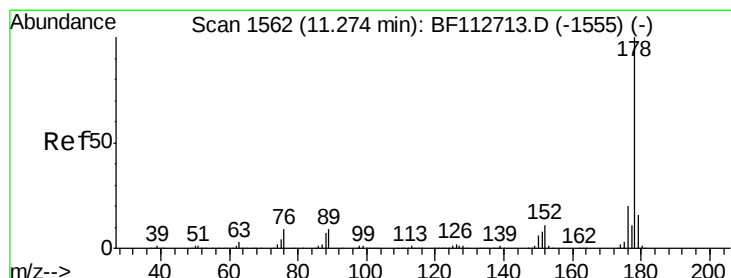
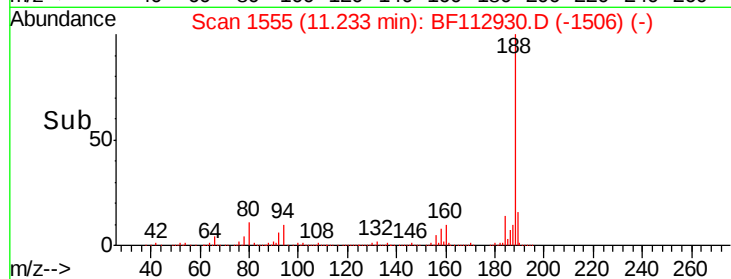
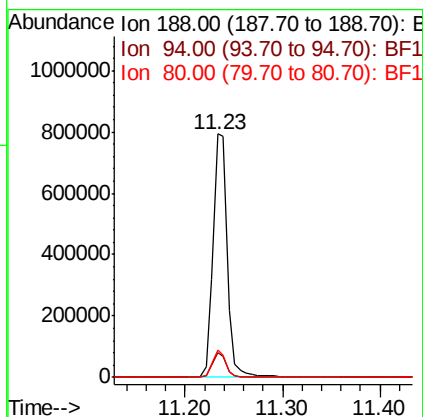
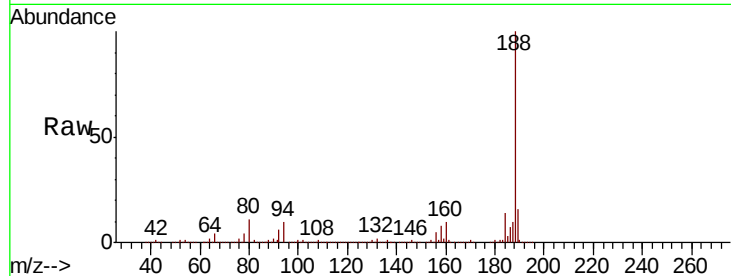
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Instrument :
BNA_F
ClientSampled :
TP-6CD-S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	802454		
94	10.2		9.0	13.4
80	11.2		9.2	13.8

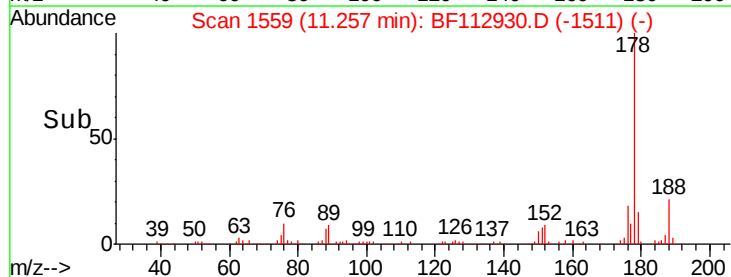
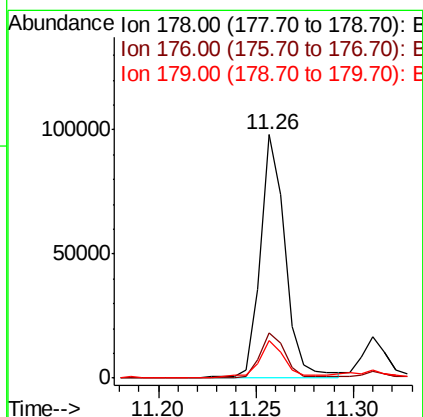
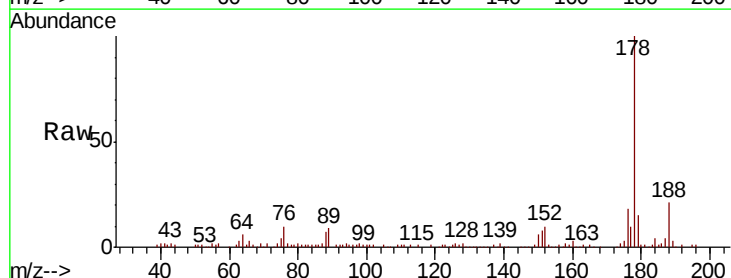
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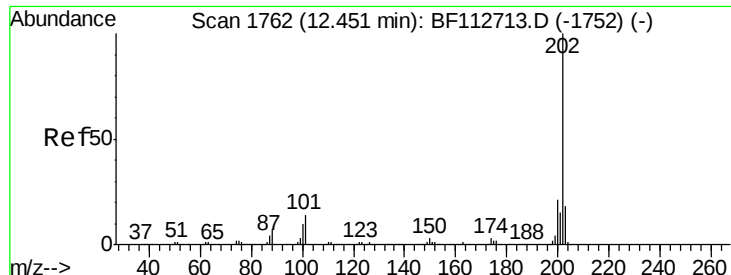
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#71
Phenanthrene
Concen: 2.174 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	86783		
176	18.4		16.3	24.5
179	15.3		12.7	19.1





#75

Fluoranthene

Concen: 4.136 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112930.D

Acq: 7 Mar 2019 19:17

Instrument :

BNA_F

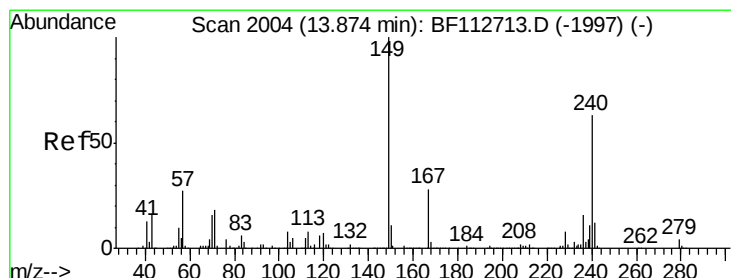
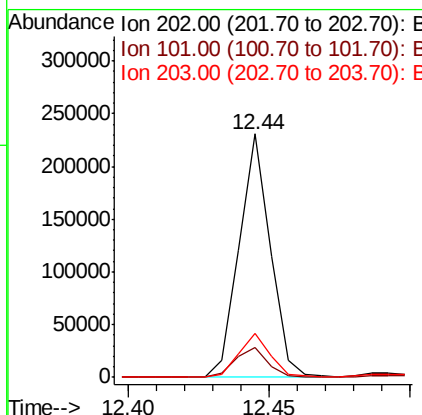
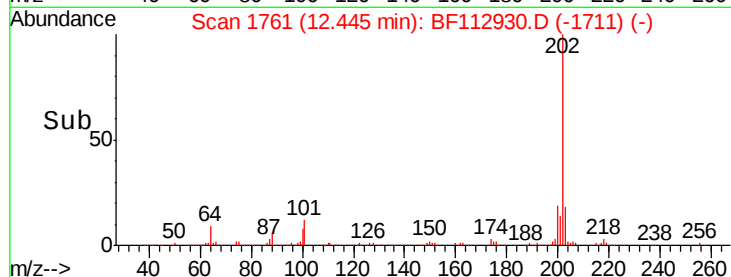
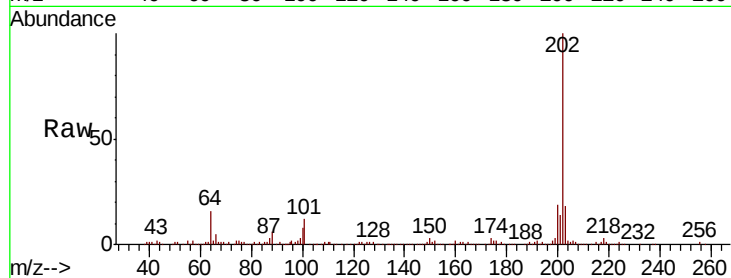
ClientSampleId :

TP-6CD-S

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		176904		
101	12.0	0.0	33.8		
203	17.9	0.0	38.4		

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

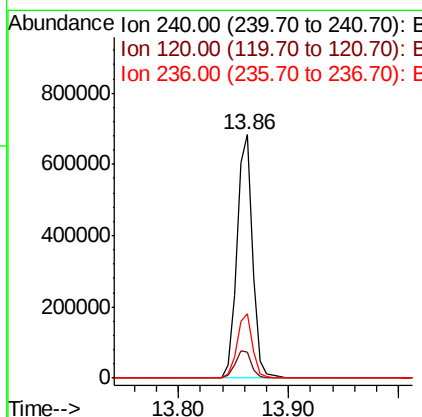
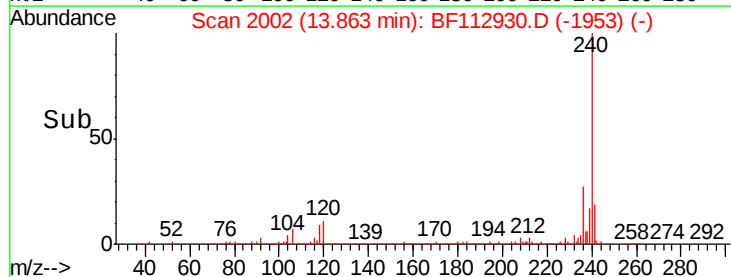
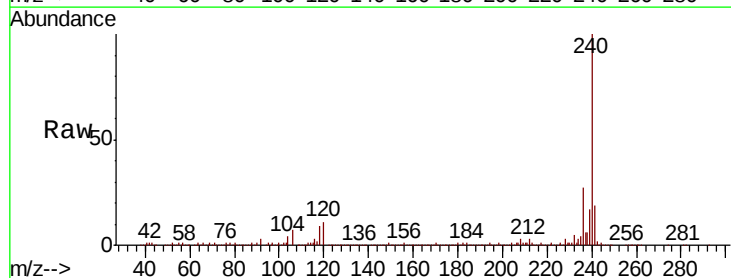
RT: 13.86 min Scan# 2002

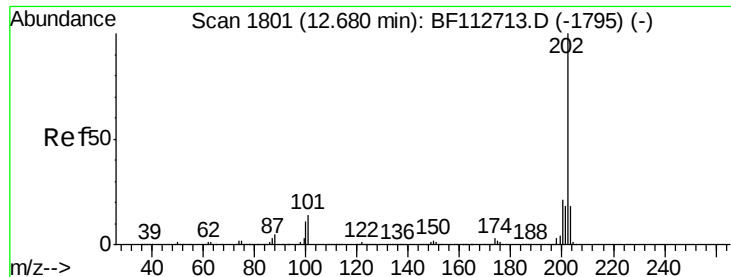
Delta R.T. -0.01 min

Lab File: BF112930.D

Acq: 7 Mar 2019 19:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		679783		
120	10.7	8.9	13.3		
236	26.6	20.7	31.1		





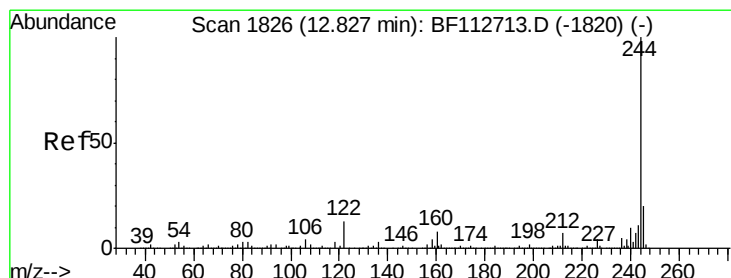
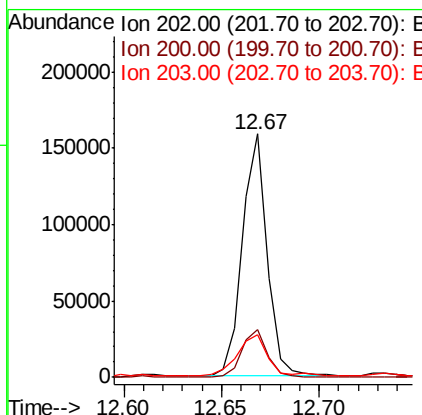
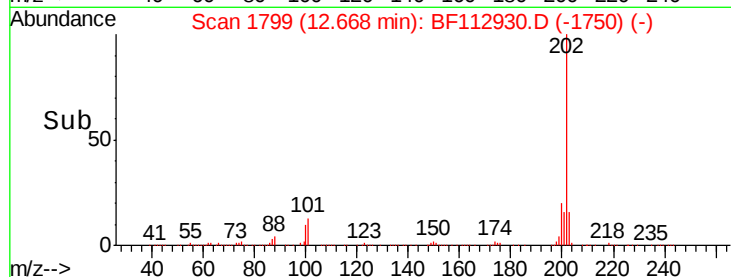
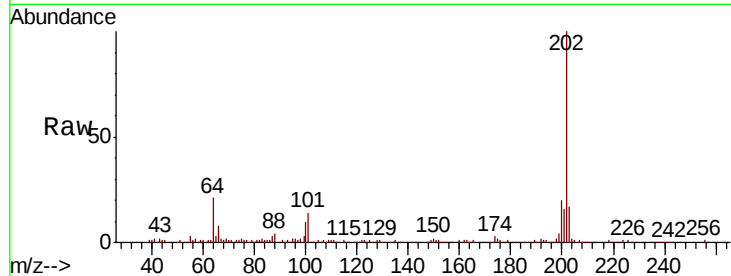
#78
Pvrene
Concen: 2.434 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP-6CD-S

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	17.0	25.4
203	17.5	14.4	21.6

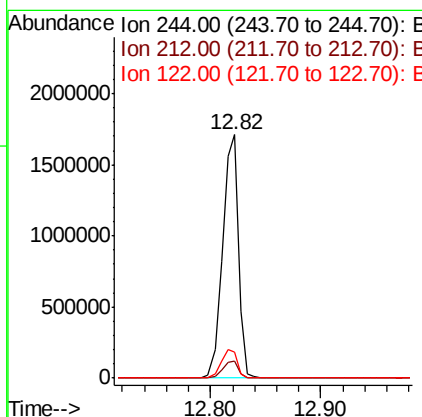
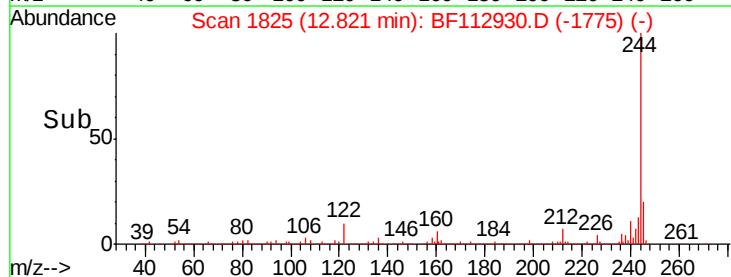
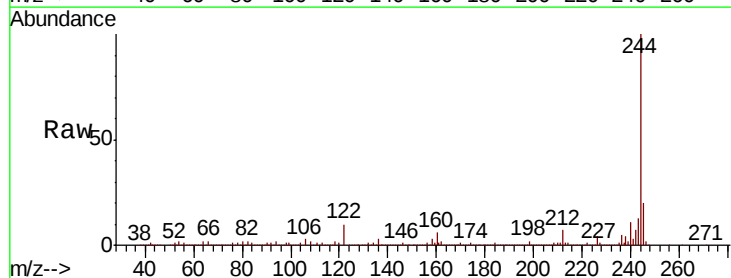
Manual Integrations
APPROVED

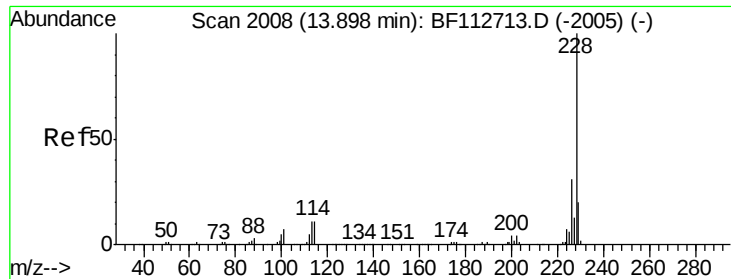
Sohil
3/8/2019 9:26:10 AM



#79
Terphenyl-d14
Concen: 48.833 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	10.4	10.5	15.7#





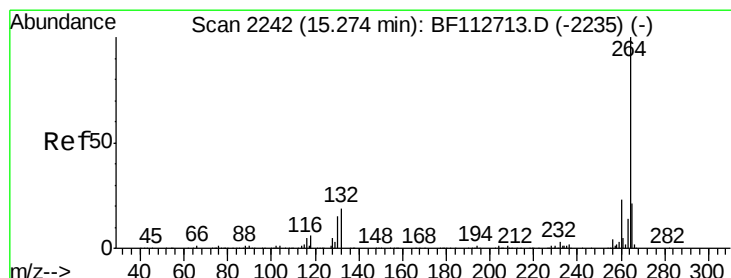
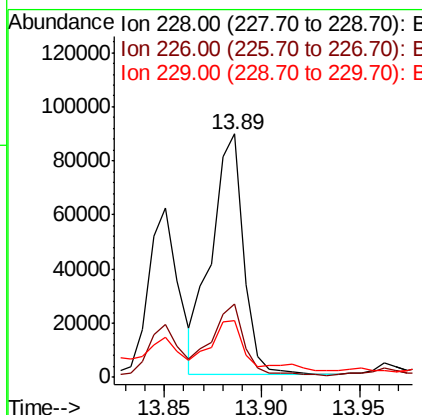
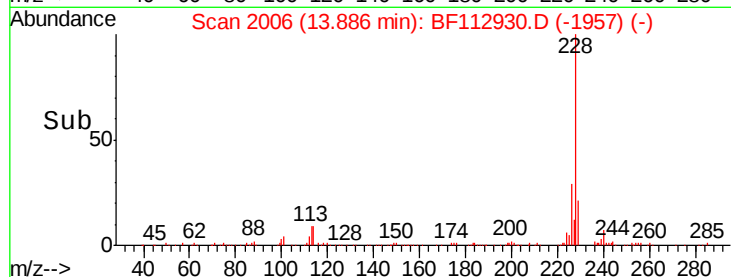
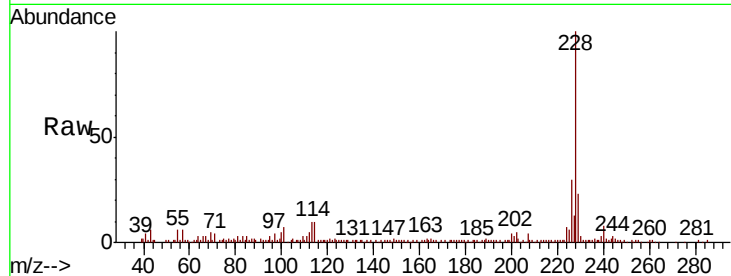
#83
Chrysene
Concen: 2.212 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Instrument :
BNA_F
ClientSampleId :
TP-6CD-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	23.2	16.3	24.5

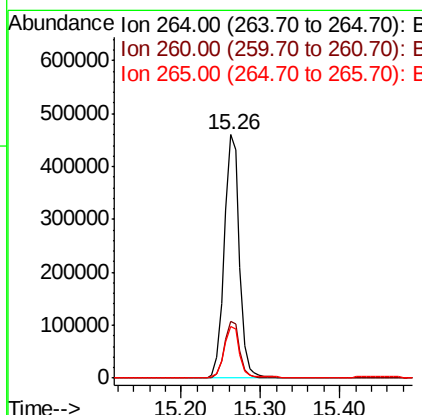
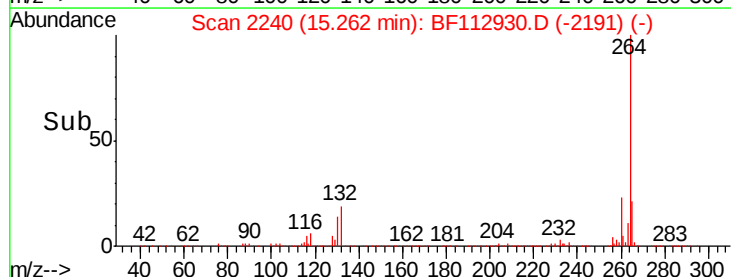
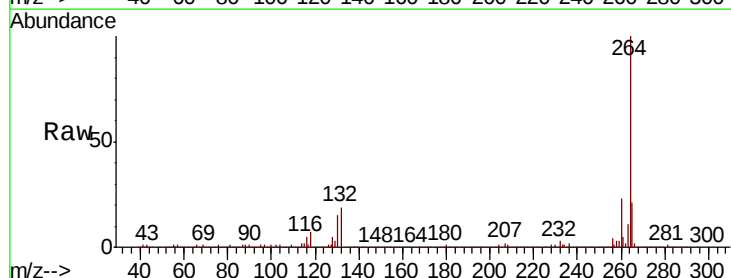
Manual Integrations
APPROVED

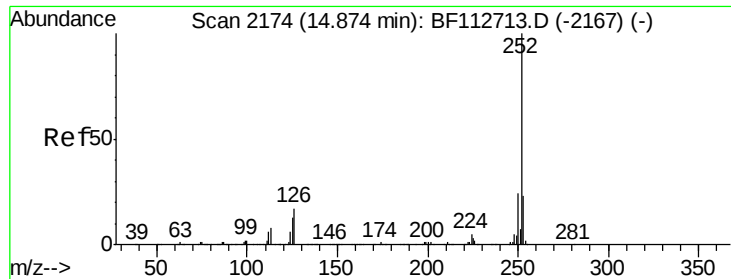
Sohil
3/8/2019 9:26:10 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF112930.D
Acq: 7 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	21.4	17.2	25.8





#88
 Benzo(b)fluoranthene
 Concen: 2.580 ng/ml
 RT: 14.86 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF112930.D
 Acq: 7 Mar 2019 19:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-6CD-S

Tot Ion:	252	Resp:	101755
Ion Ratio	Lower	Upper	
252	100		
253	24.7	18.0	27.0
125	12.5	10.2	15.2

Manual Integrations
 APPROVED

Sohil
 3/8/2019 9:26:10 AM

