

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112825.D
 Acq On : 4 Mar 2019 15:39
 Operator : JU/SJ
 Sample : K1688-05 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-C

Manual Integrations
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Sohil
 3/6/2019 9:28:06 AM

Quant Time: Mar 05 01:23:41 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	6.75	152	168612	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	600655	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	246014	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	430211	20.00	ng	0.00
76) Chrysene-d12	13.88	240	448512	20.00	ng	0.00
87) Perylene-d12	15.30	264	384942	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	622139	57.40	ng	0.00
7) Phenol-d6	6.37	99	794990	58.39	ng	0.00
23) Nitrobenzene-d5	7.30	82	460125	45.84	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	170065	65.12	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	730192	43.09	ng	0.00
79) Terphenyl-d14	12.83	244	679038	29.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	42619	2.349	ng	Qvalue # 97
71) Phenanthrene	11.27	178	200915	9.386	ng	98
72) Anthracene	11.33	178	47963	2.141	ng	98
75) Fluoranthene	12.46	202	203685	8.882	ng	96
78) Pyrene	12.69	202	186036	4.920	ng	97
81) Benzo(a)anthracene	13.87	228	86908	2.796	ng	98
83) Chrysene	13.90	228	79498m	2.611	ng	
88) Benzo(b)fluoranthene	14.89	252	91004m	3.655	ng	
90) Benzo(a)pyrene	15.23	252	58434	2.653	ng	# 91

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

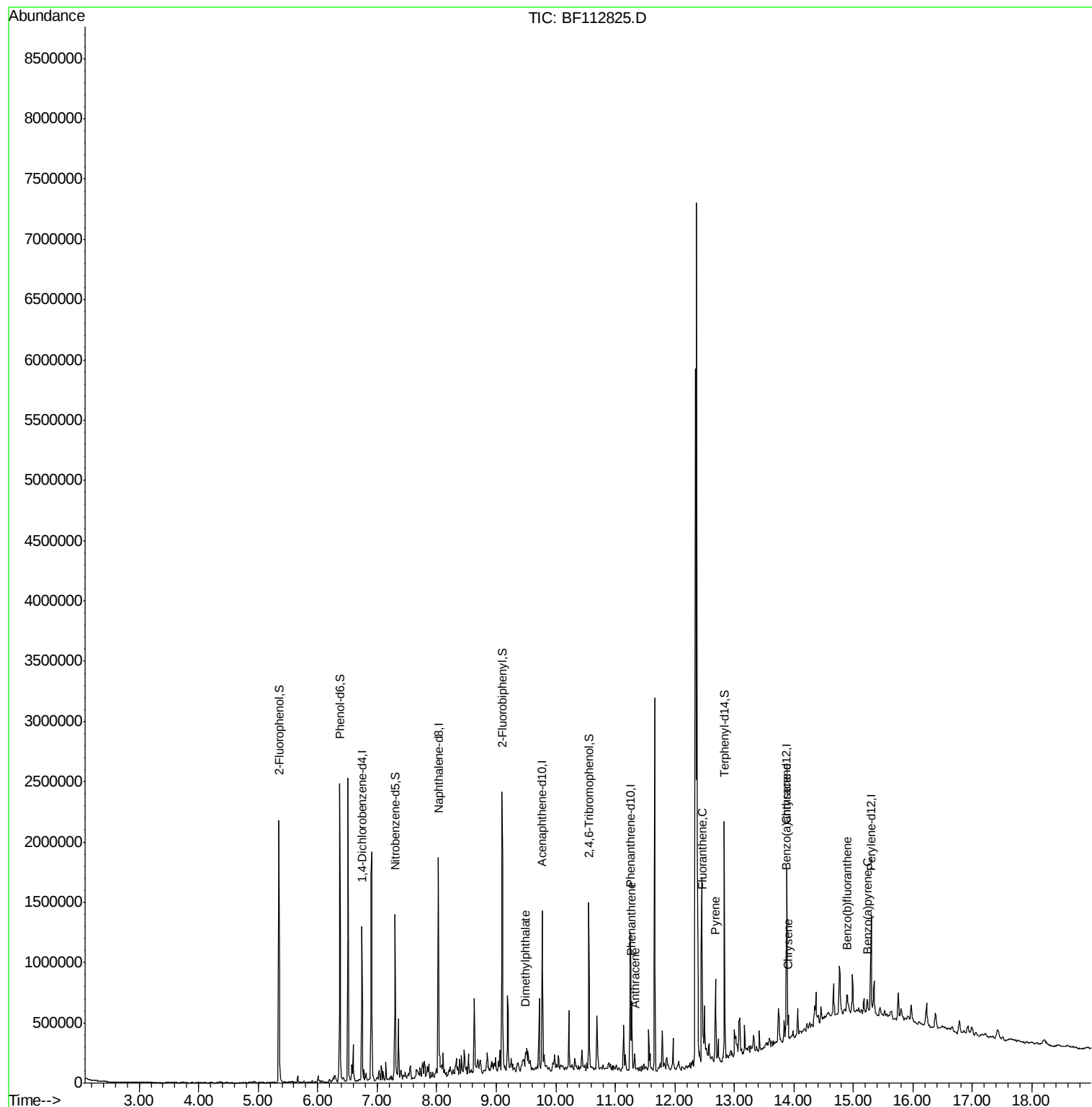
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112825.D
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Operator : JU/SJ
Sample : K1688-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

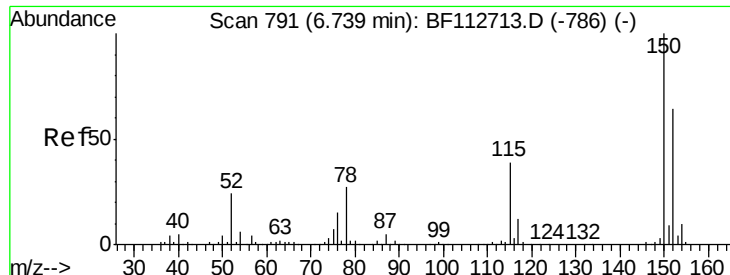
Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

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

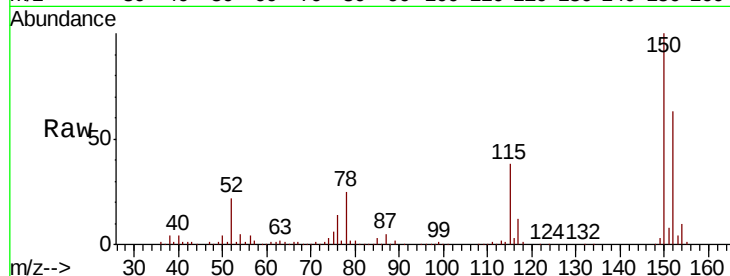
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.2
115	59.8	48.2	72.4

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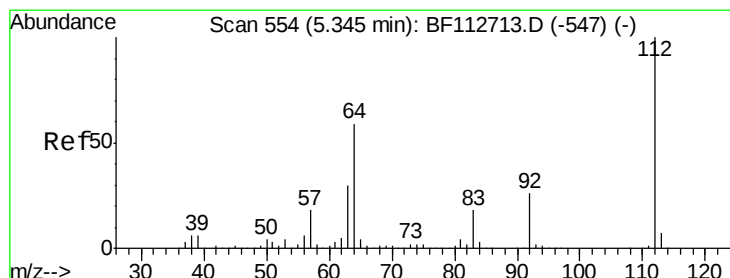
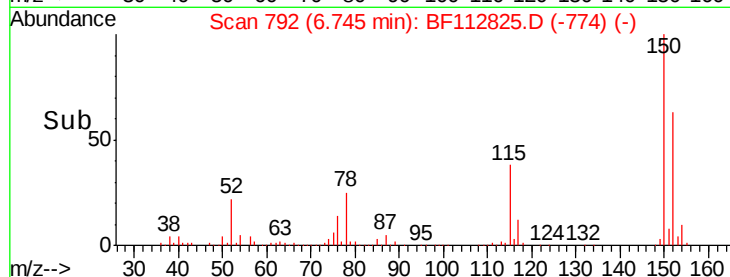
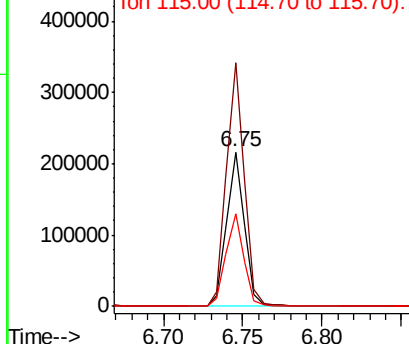


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

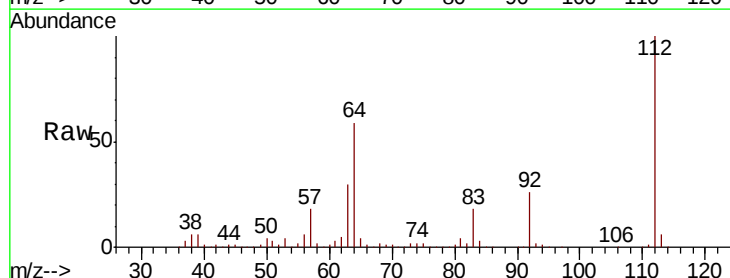
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 57.396 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.6	71.4
63	29.7	24.4	36.6

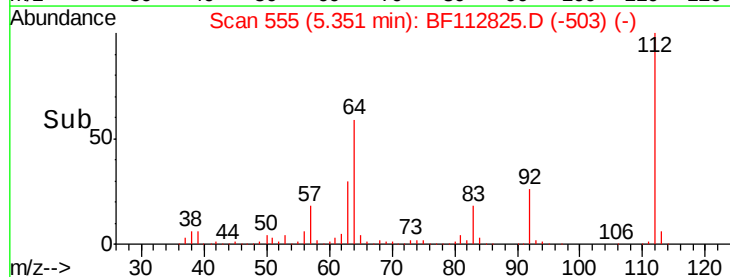
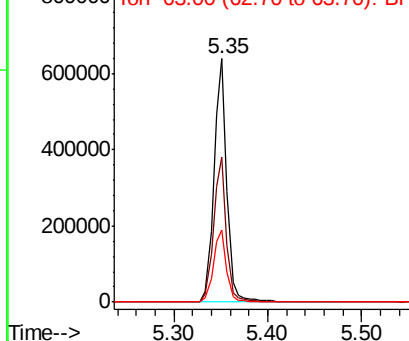


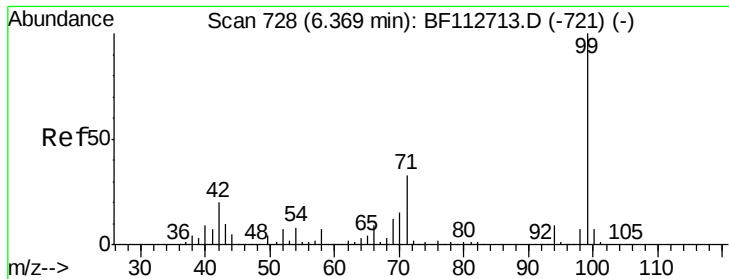
Abundance

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: 58.386 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Instrument :

BNA_F

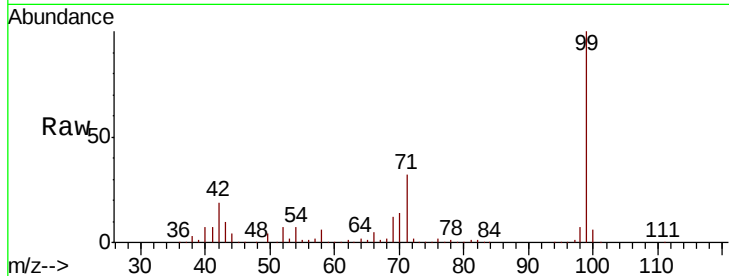
ClientSampleId :

JC-03-030119-C

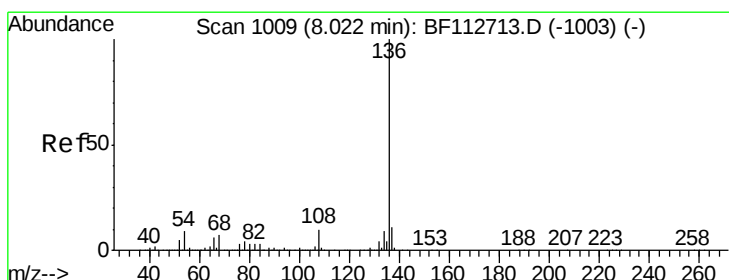
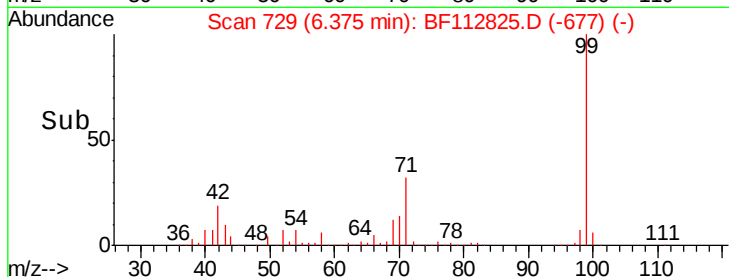
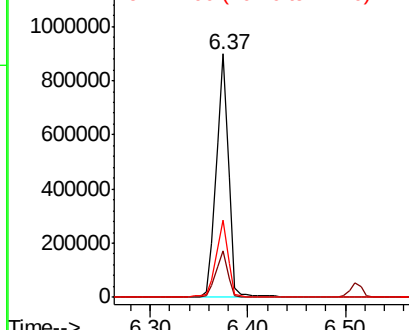
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		794990		
42	19.0	16.3	24.5		
71	31.8	26.2	39.4		

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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: 8.03 min Scan# 1010

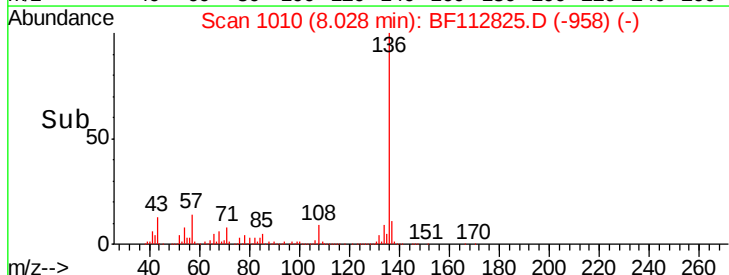
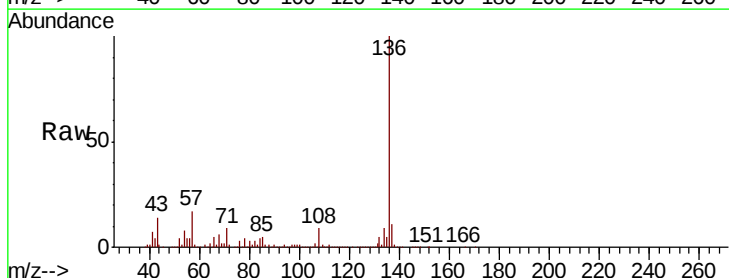
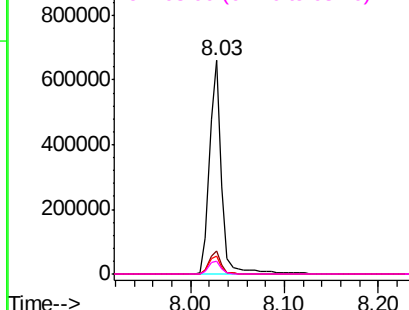
Delta R.T. 0.01 min

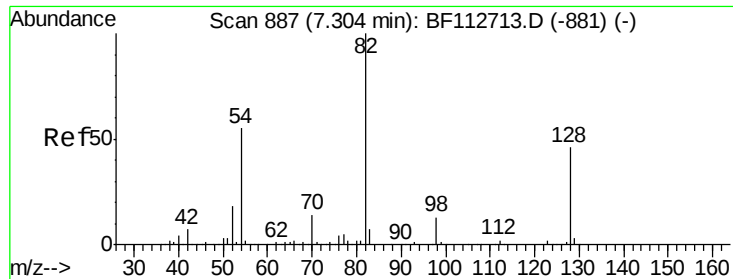
Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		600655		
137	10.7	8.9	13.3		
54	8.2	7.3	10.9		
68	6.1	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





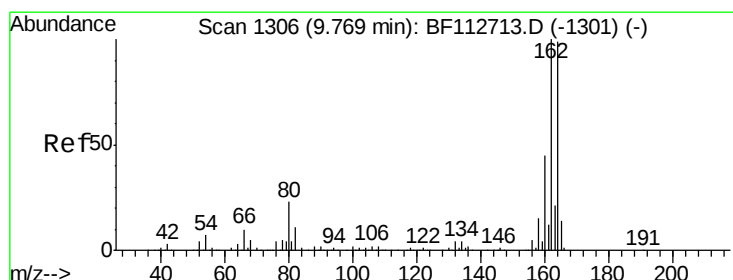
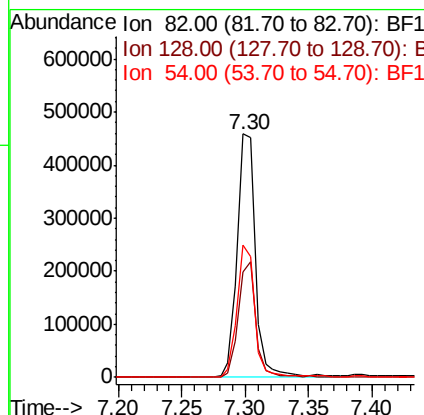
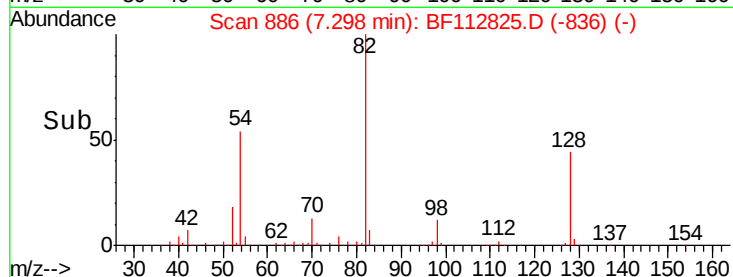
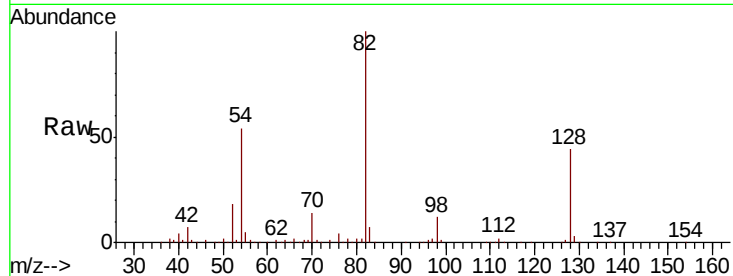
#23
Nitrobenzene-d5
Concen: 45.838 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.5	36.3	54.5	
54	54.3	43.7	65.5	

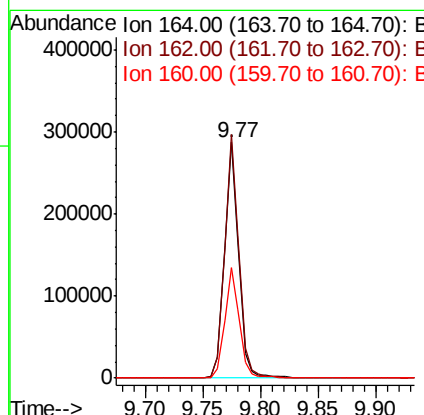
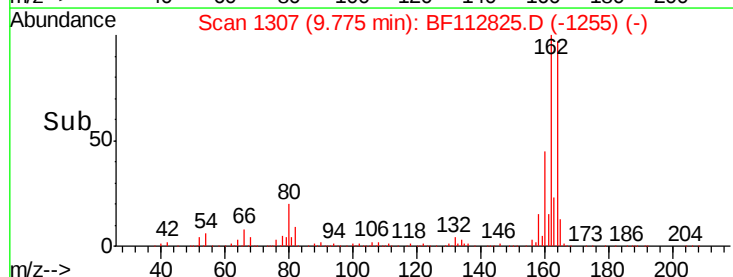
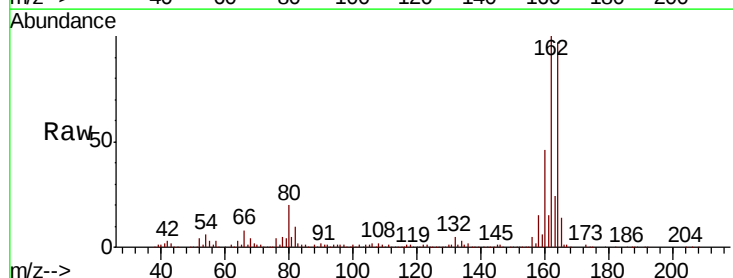
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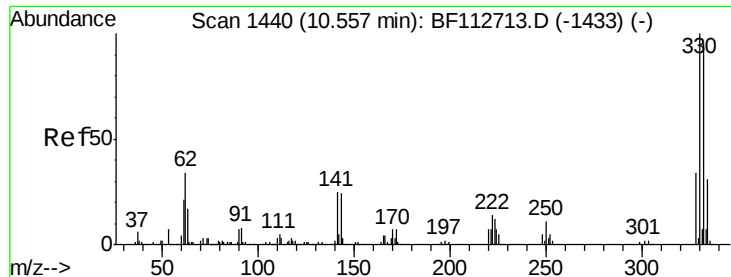
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.4	80.6	120.8	
160	47.2	36.0	54.0	





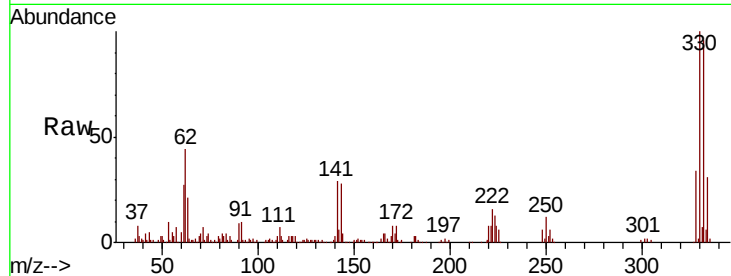
#42
 2,4,6-Tribromophenol
 Concen: 65.115 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112825.D
 Acq: 4 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100	170065		
332	95.0		76.2	114.4
141	29.1		27.0	40.6

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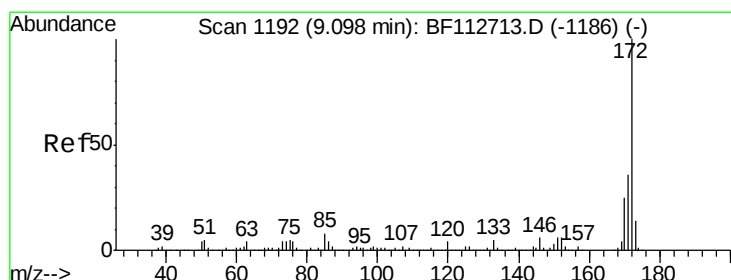
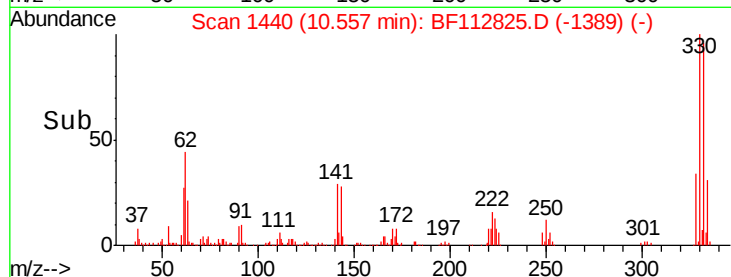
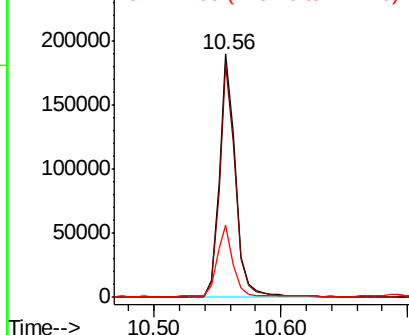


Abundance

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: 43.086 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112825.D
 Acq: 4 Mar 2019 15:39

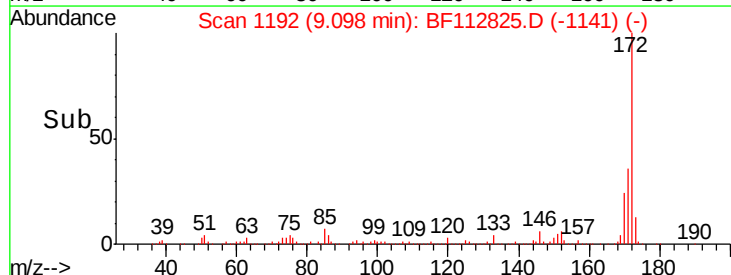
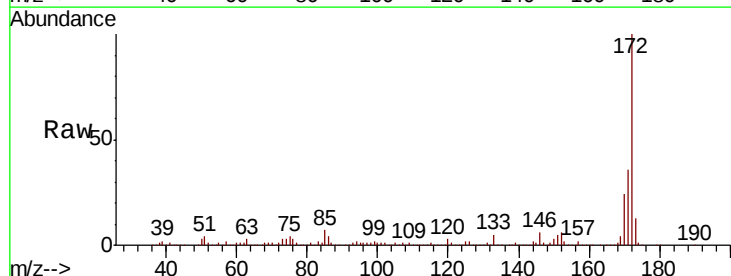
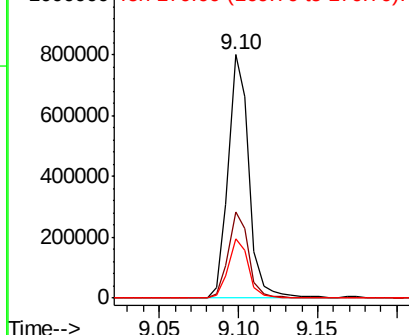
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	730192		
171	35.6		29.0	43.4
170	24.1		20.0	30.0

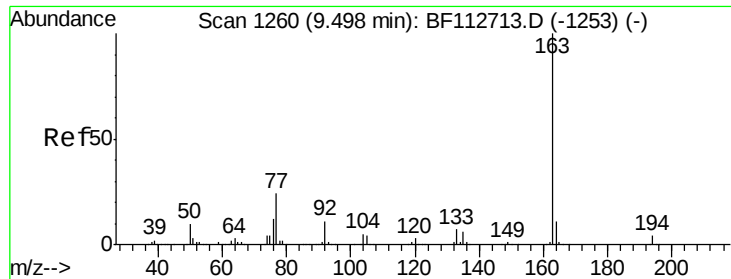
Abundance

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





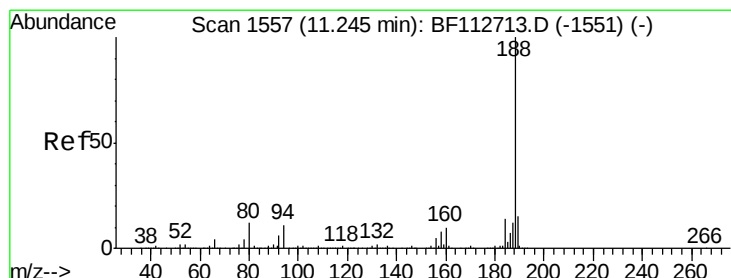
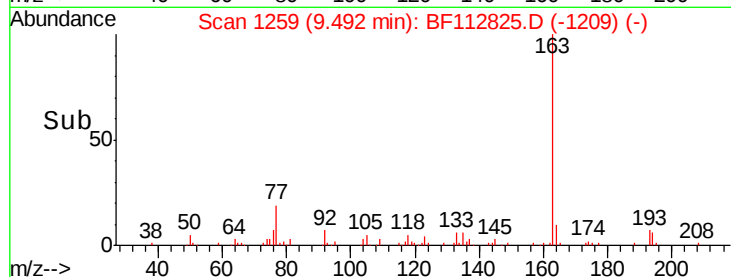
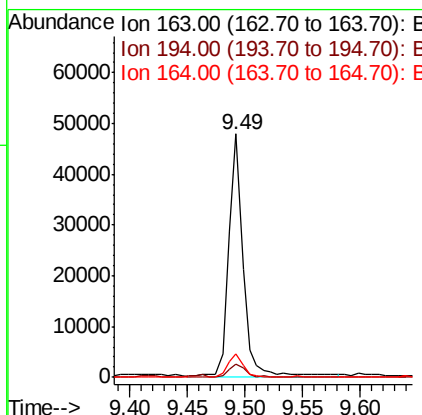
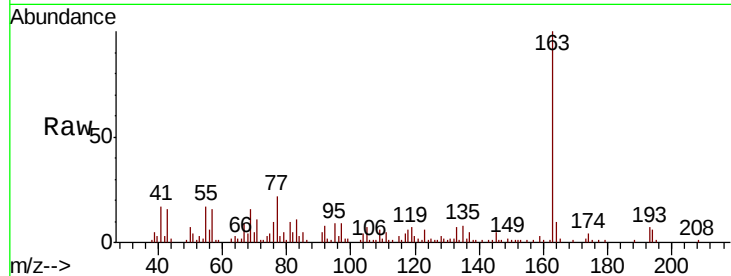
#50
Dimethylphthalate
Concen: 2.349 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

Tot Ion	Ratio	Resp	Lower	Upper
163	100	42619		
194	5.5		3.0	4.4#
164	9.8		8.4	12.6

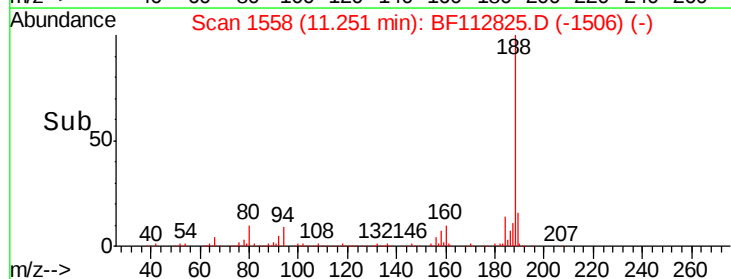
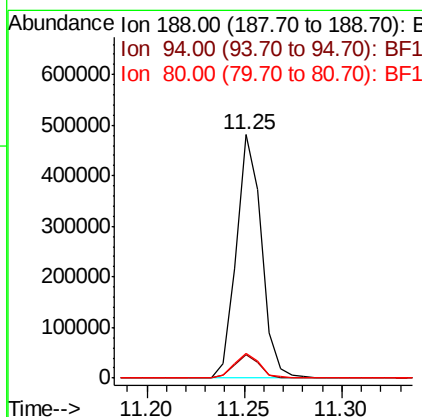
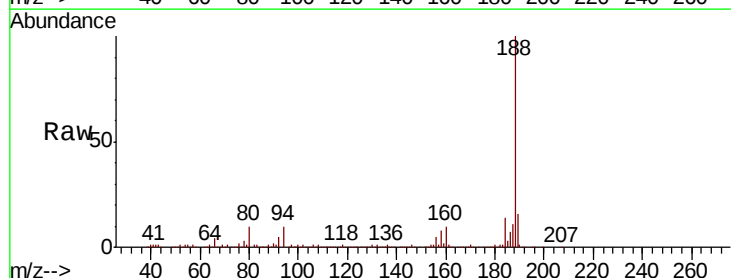
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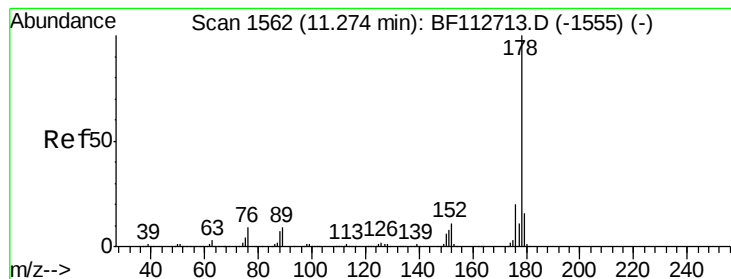
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	430211		
94	9.6		9.0	13.4
80	10.3		9.2	13.8





#71

Phenanthrene

Concen: 9.386 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Instrument :

BNA_F

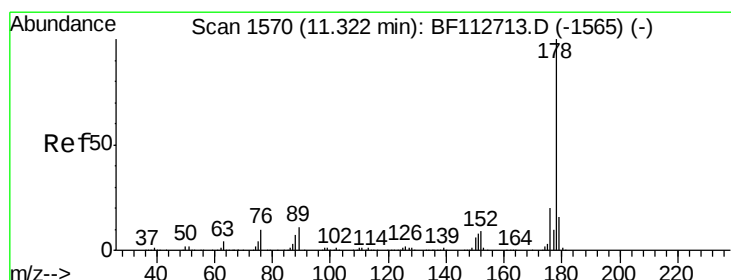
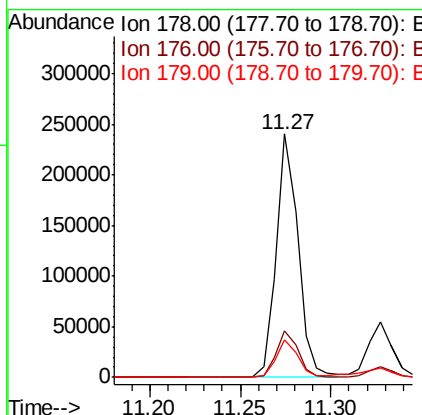
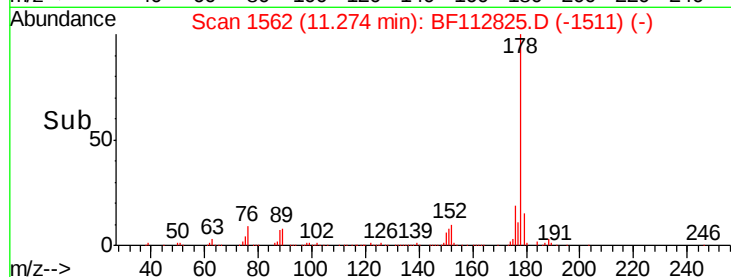
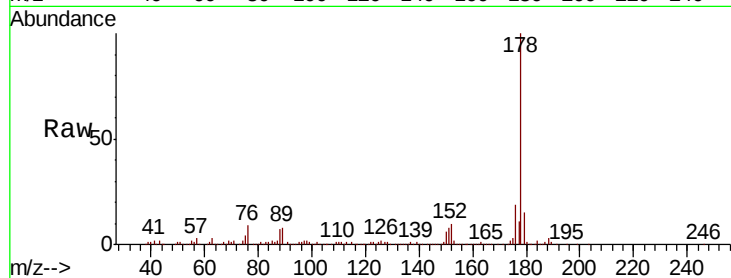
ClientSampleId :

JC-03-030119-C

Tot Ion:	178	Resp:	200915
Ion Ratio	Lower	Upper	
178	100		
176	19.1	16.3	24.5
179	15.3	12.7	19.1

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#72

Anthracene

Concen: 2.141 ng

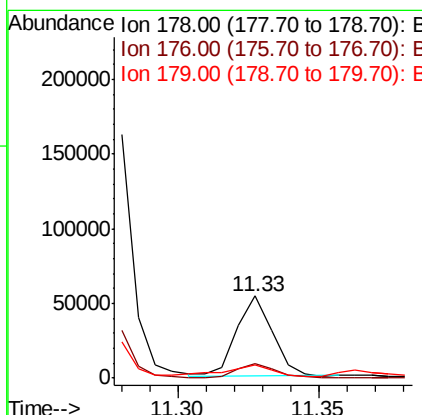
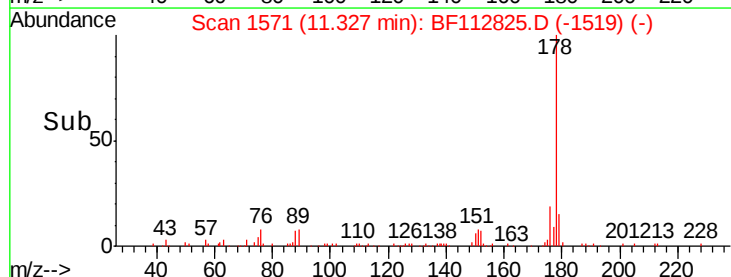
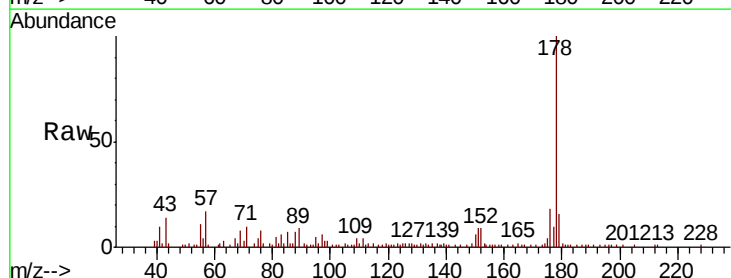
RT: 11.33 min Scan# 1571

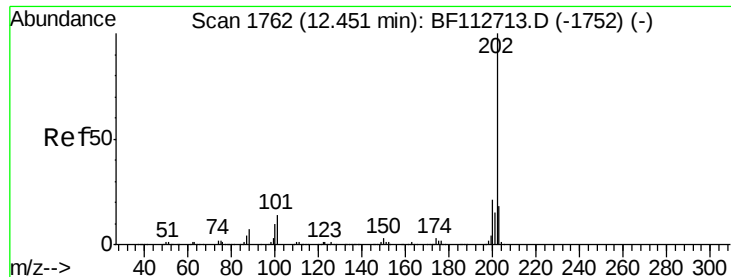
Delta R.T. 0.01 min

Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Tgt Ion:	178	Resp:	47963
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.8	23.6
179	15.9	13.0	19.6





#75

Fluoranthene

Concen: 8.882 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.01 min

Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Instrument :

BNA_F

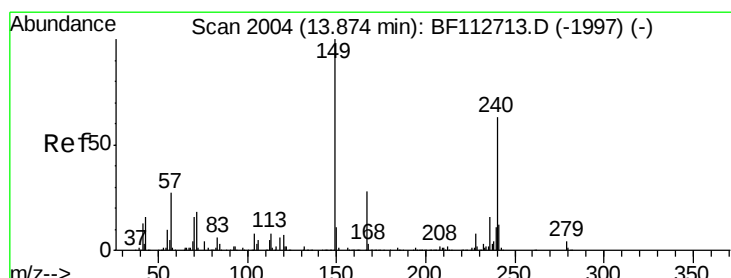
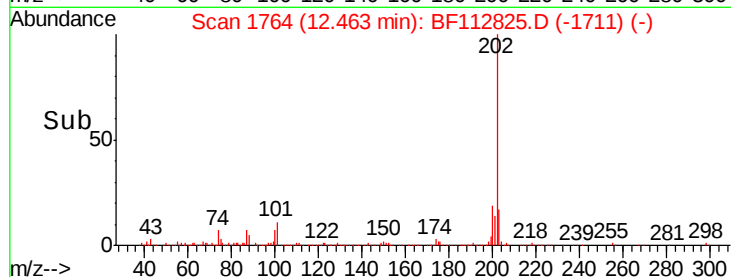
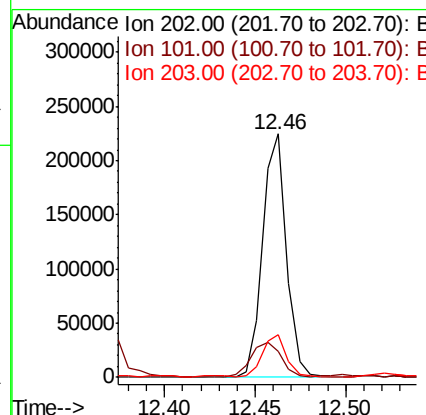
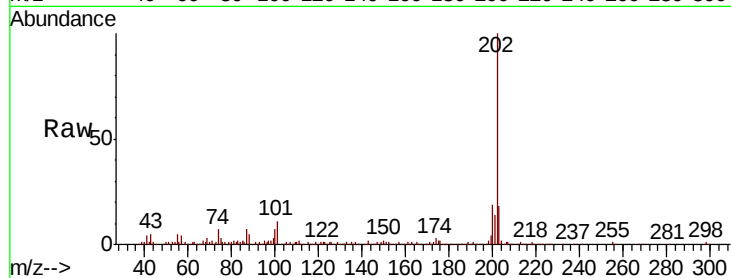
ClientSampleId :

JC-03-030119-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	33.8
203	17.5	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

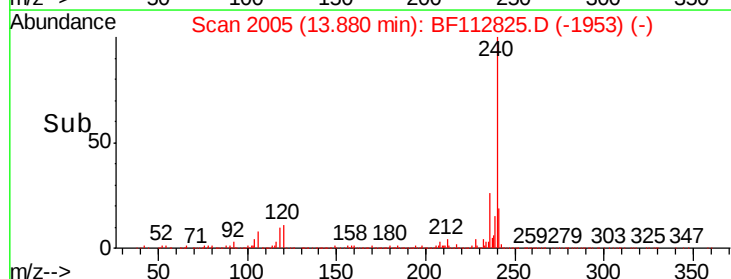
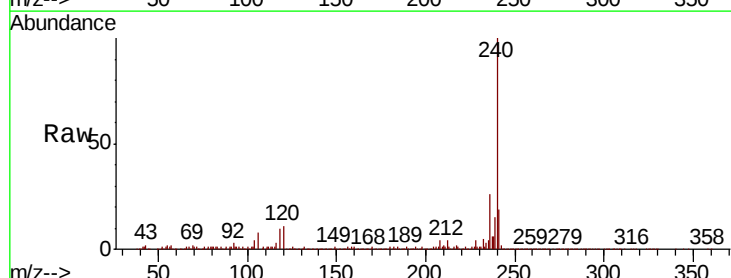
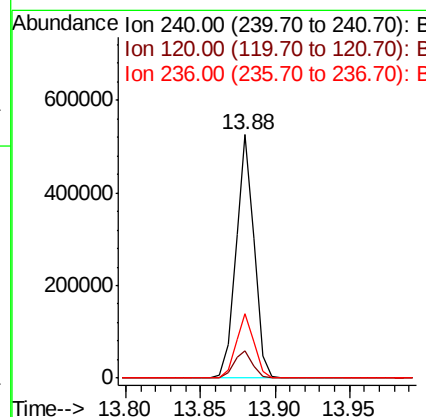
RT: 13.88 min Scan# 2005

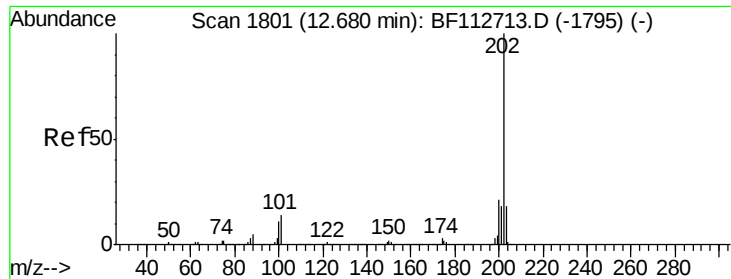
Delta R.T. 0.01 min

Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.4	8.9	13.3
236	26.3	20.7	31.1





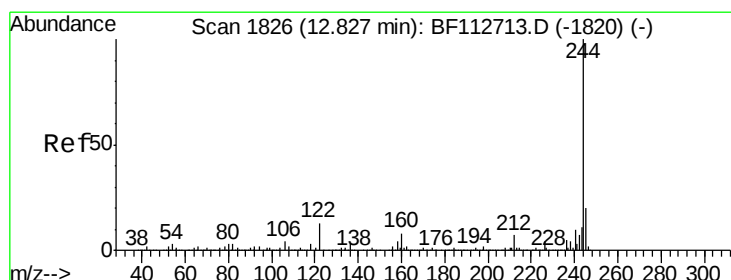
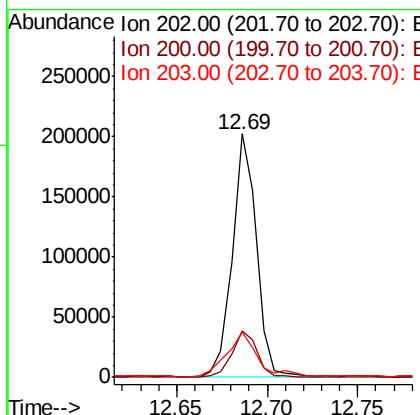
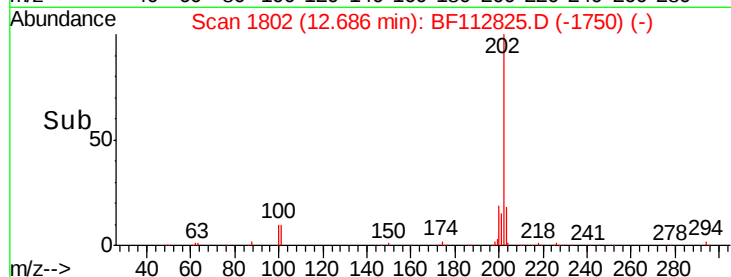
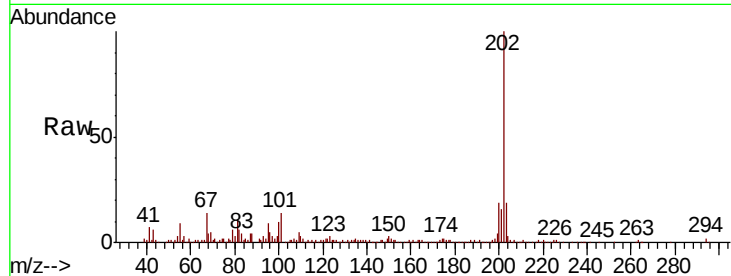
#78
Pvrene
Concen: 4.920 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	19.2	17.0	25.4
203	18.7	14.4	21.6

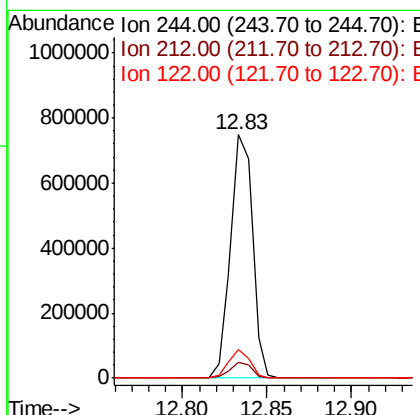
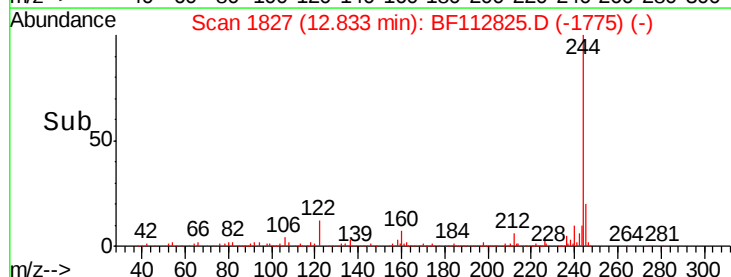
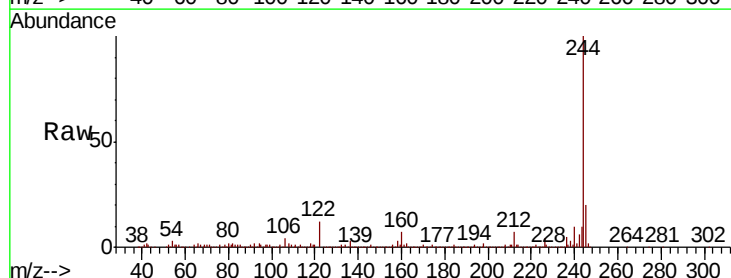
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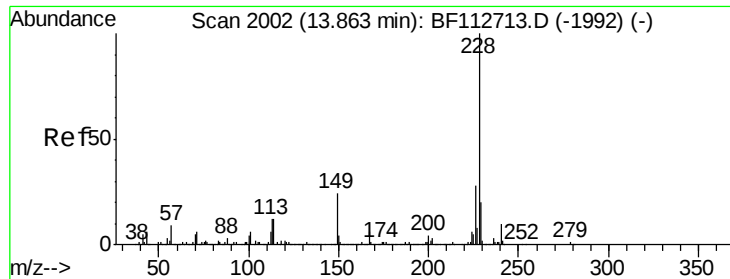
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3/6/2019 9:28:06 AM



#79
Terphenyl-d14
Concen: 29.348 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	5.6	8.4
122	12.0	10.5	15.7





#81

Benzo(a)anthracene

Concen: 2.796 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Instrument :

BNA_F

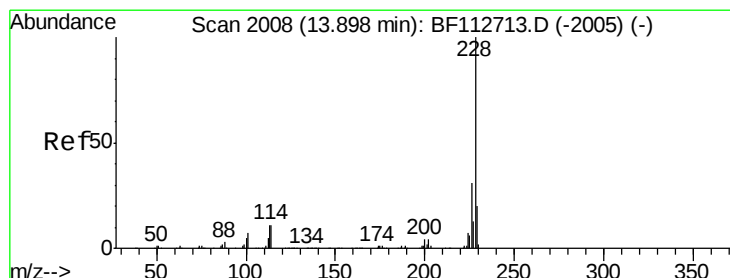
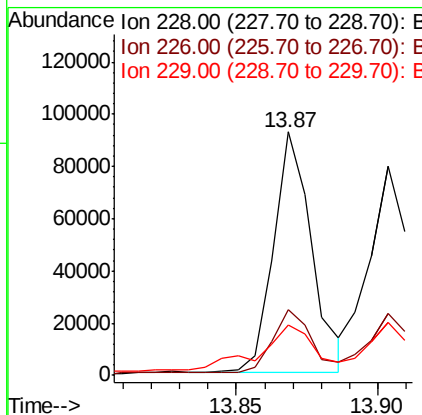
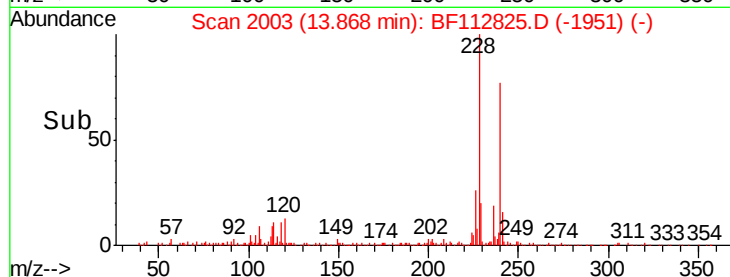
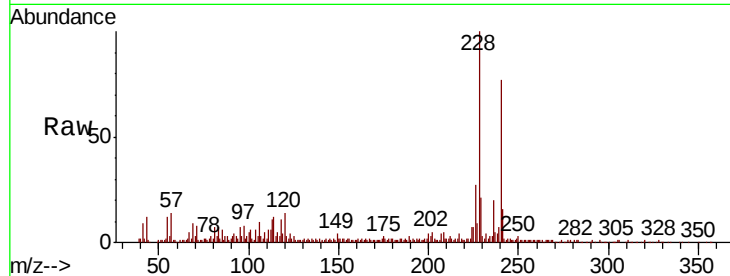
ClientSampleId :

JC-03-030119-C

Tot Ion:	228	Resp:	86908
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.2	33.4
229	20.8	16.0	24.0

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#83

Chrysene

Concen: 2.611 ng m

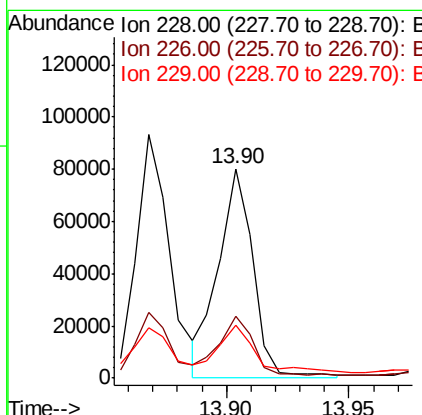
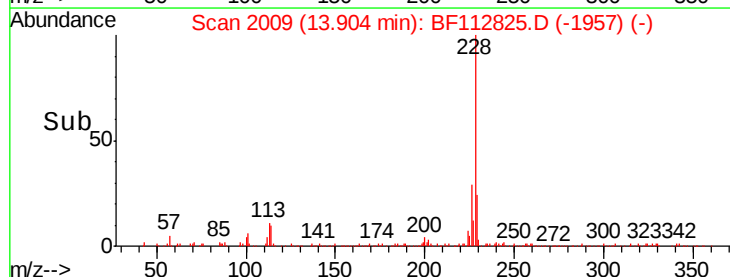
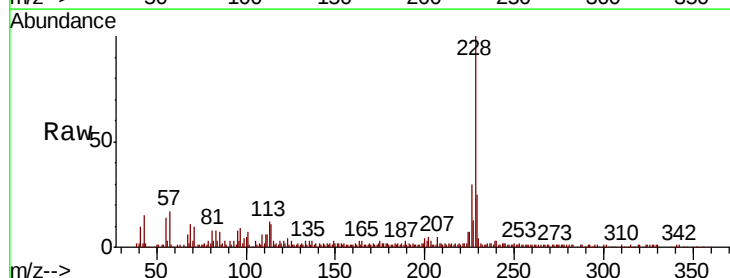
RT: 13.90 min Scan# 2009

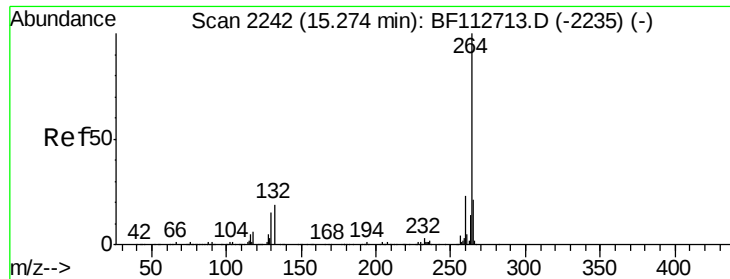
Delta R.T. 0.01 min

Lab File: BF112825.D

Acq: 4 Mar 2019 15:39

Tgt Ion:	228	Resp:	79498
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	25.0	16.3	24.5#





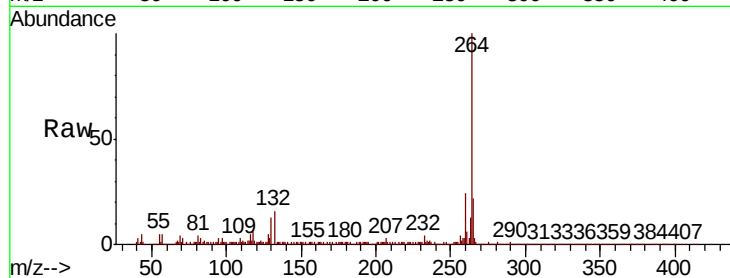
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Instrument :
BNA_F
ClientSampleId :
JC-03-030119-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	17.2	25.8

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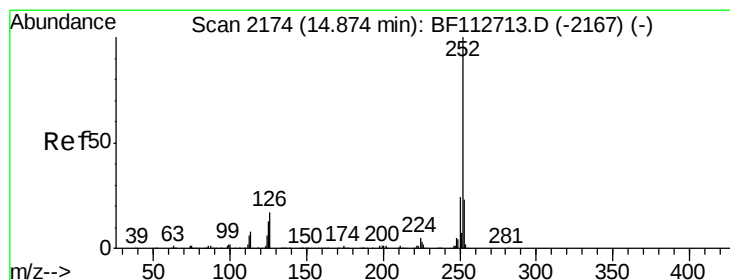
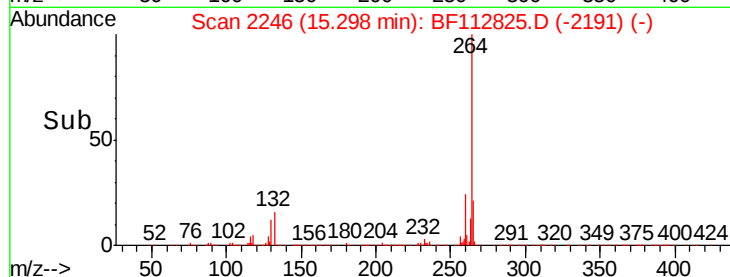
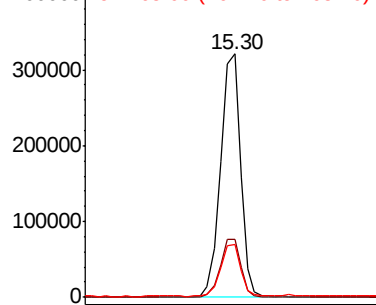


Abundance

Ion 264.00 (263.70 to 264.70): E

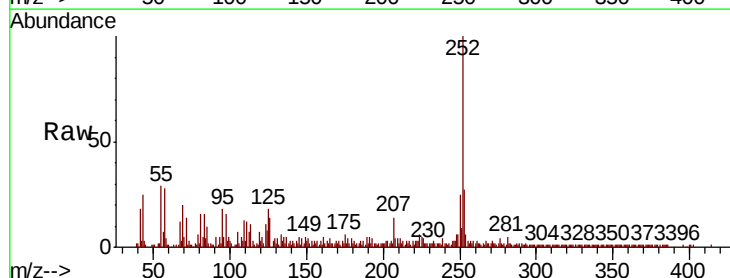
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 3.655 ng m
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF112825.D
Acq: 4 Mar 2019 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.0	27.0#
125	18.5	10.2	15.2#

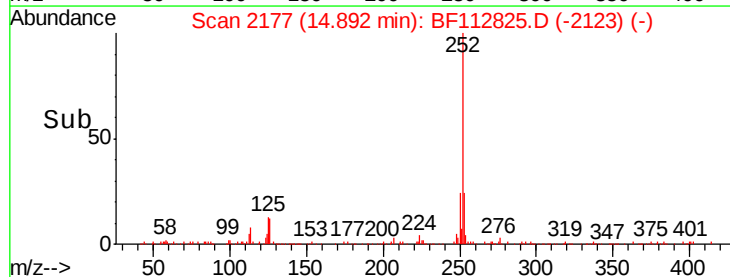
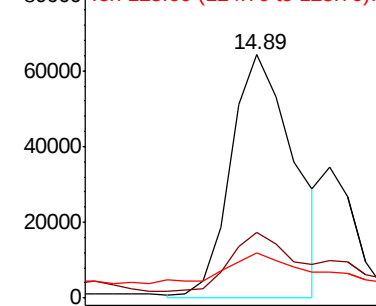


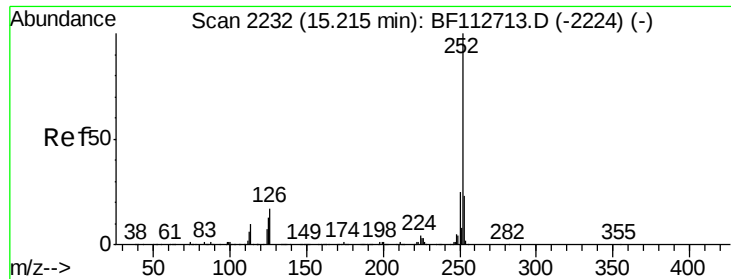
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90
 Benzo(a)pyrene
 Concen: 2.653 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.02 min
 Lab File: BF112825.D
 Acq: 4 Mar 2019 15:39

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-030119-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	17.9	10.7	16.1

Manual Integrations
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