

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108116.D
 Acq On : 13 Aug 2018 15:16
 Operator : JU/SJ
 Sample : J4272-19 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-J

Manual Integrations
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 8/14/2018 2:36:32 PM

Quant Time: Aug 13 17:27:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	259084	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	902347	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	378326	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	660923	20.00	ng	0.01
75) Chrysene-d12	14.23	240	667843	20.00	ng	0.01
86) Perylene-d12	15.81	264	499249	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	835435	58.38	ng	0.01
7) Phenol-d6	6.64	99	1082265	56.91	ng	0.00
23) Nitrobenzene-d5	7.58	82	684959	42.36	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	203127	53.83	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1072973	45.53	ng	0.00
78) Terphenyl-d14	13.16	244	992160	37.77	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.77	163	83918	3.184	ng	Qvalue # 98
70) Phenanthrene	11.60	178	89796	2.881	ng	98
74) Fluoranthene	12.80	202	246793	7.254	ng	94
77) Pyrene	13.02	202	233905	5.532	ng	99
80) Benzo(a)anthracene	14.22	228	138988	3.626	ng	97
82) Chrysene	14.25	228	113501	3.230	ng	95
87) Benzo(b)fluoranthene	15.33	252	132614m	4.445	ng	
89) Benzo(a)pyrene	15.74	252	80658	3.019	ng	# 85

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

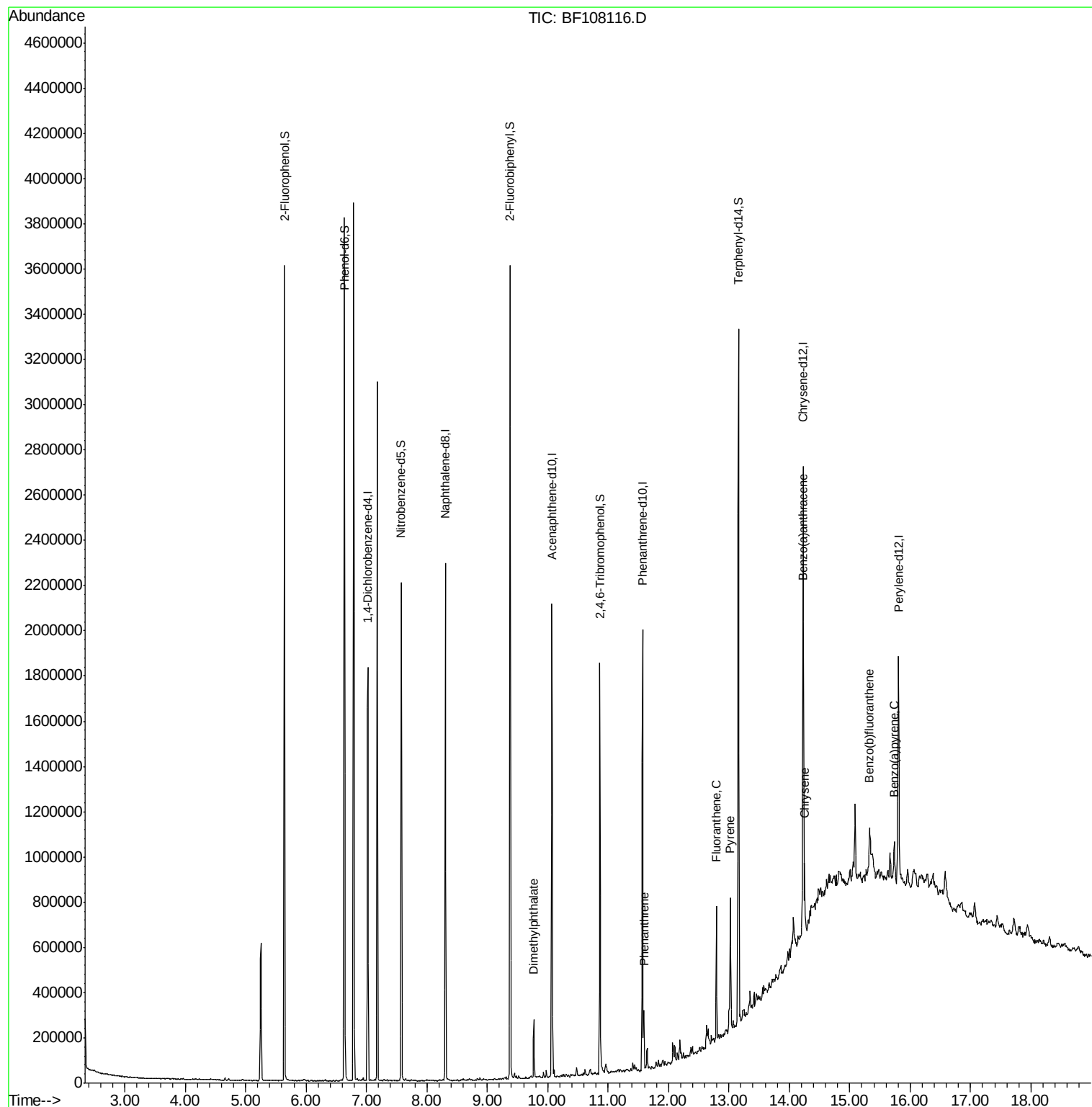
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

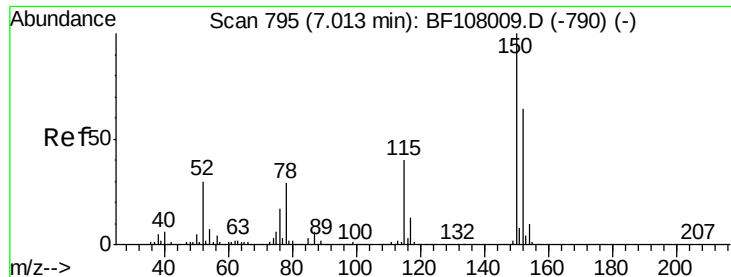
Instrument :
BNA_F
ClientSampleId :
JC-03-080918-J

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#1

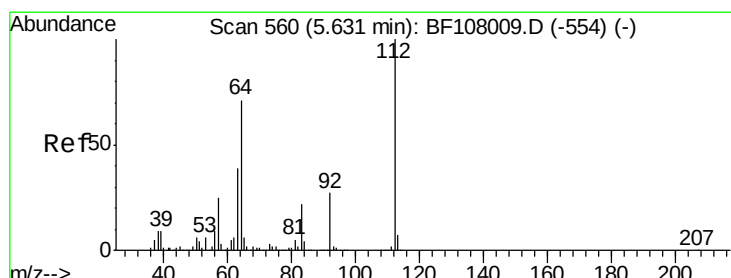
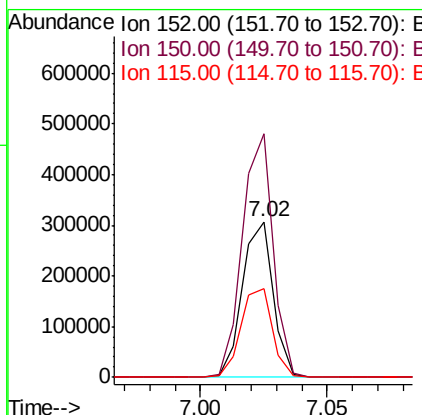
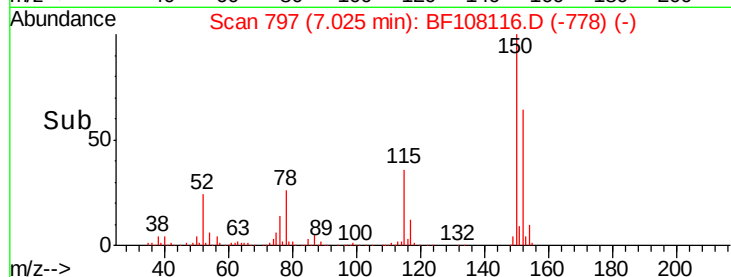
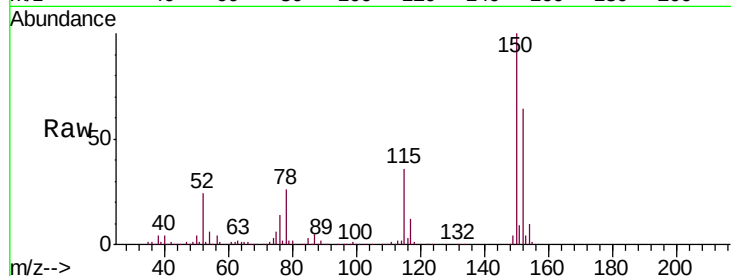
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-J

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	259084		
150	156.6	124.6	186.8	
115	57.0	50.1	75.1	

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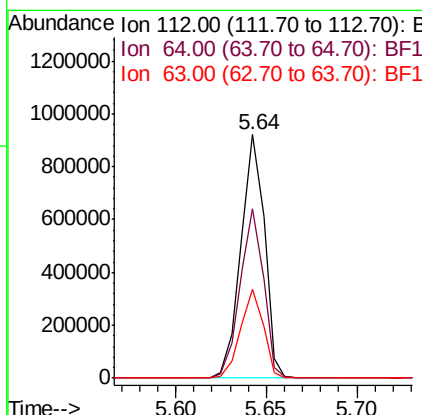
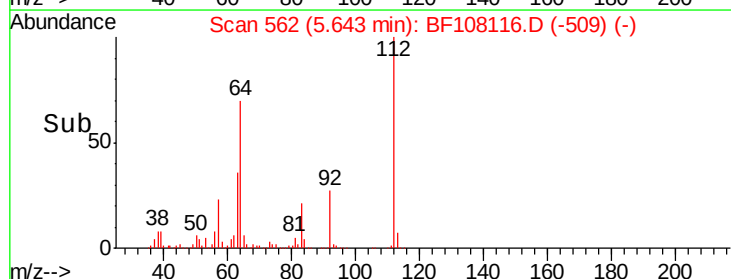
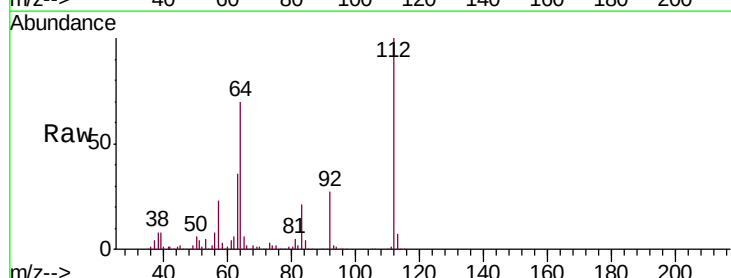
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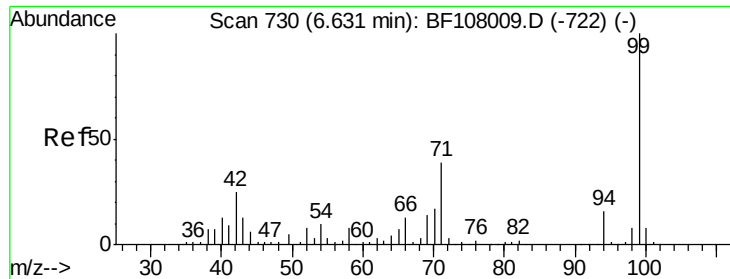


#5

2-Fluorophenol
Concen: 58.379 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	835435		
64	69.8	47.9	71.9	
63	36.4	23.7	35.5	





#7

Phenol-d6

Concen: 56.911 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Instrument :

BNA_F

ClientSampleId :

JC-03-080918-J

Tgt Ion: 99 Resp: 1082265

Ion Ratio Lower Upper

99 100

42 23.3 14.5 21.7#

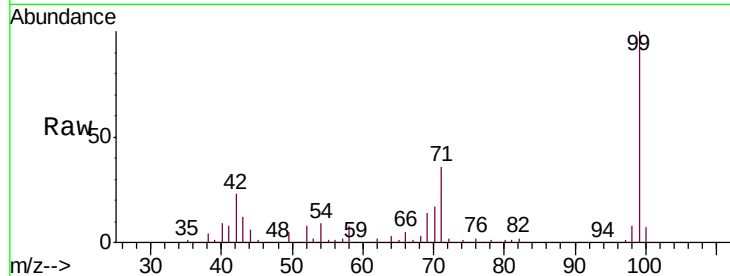
71 36.2 25.4 38.0

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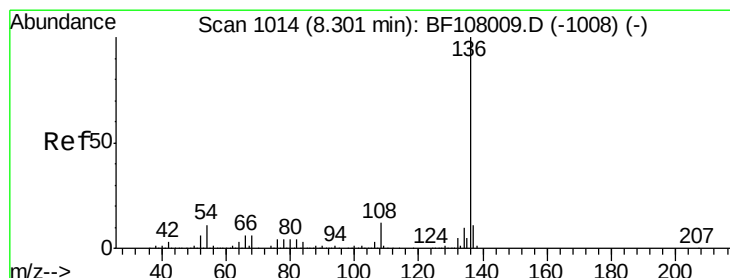
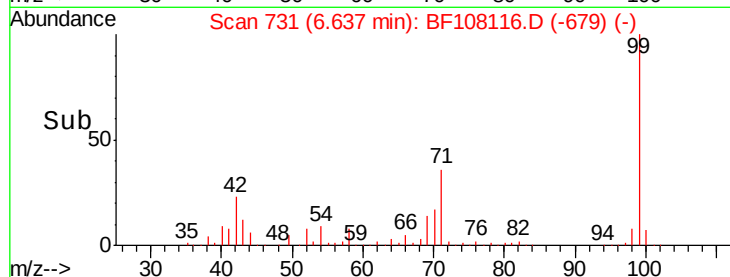
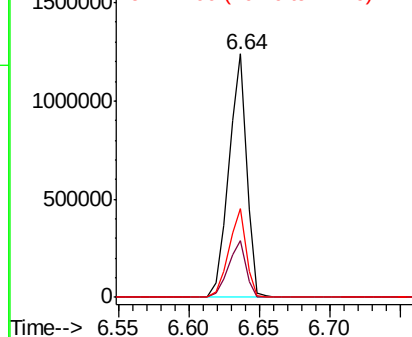
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.31 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Tgt Ion: 136 Resp: 902347

Ion Ratio Lower Upper

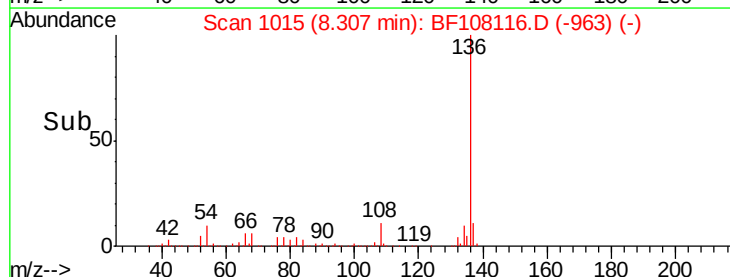
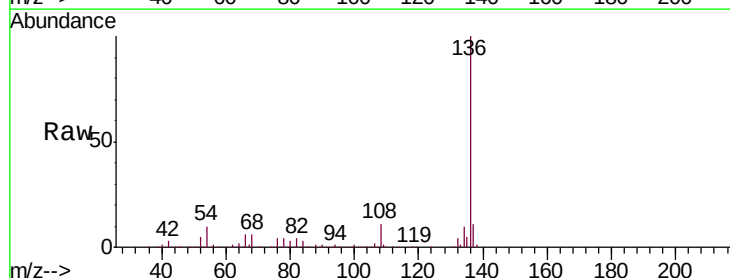
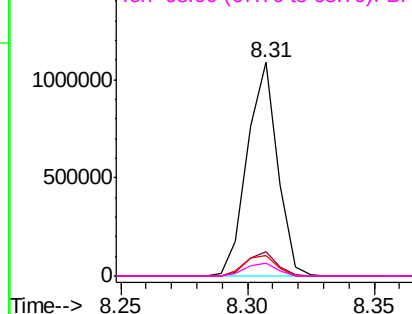
136 100

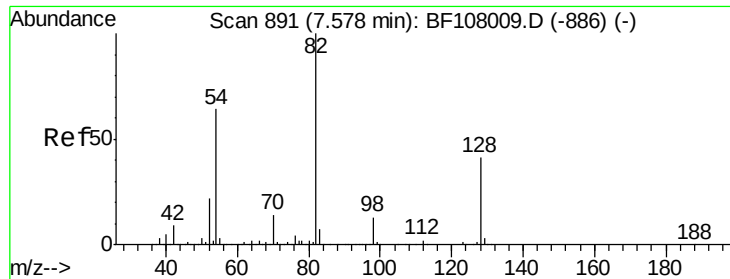
137 11.1 8.9 13.3

54 9.7 6.6 9.8

68 6.3 5.0 7.4

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





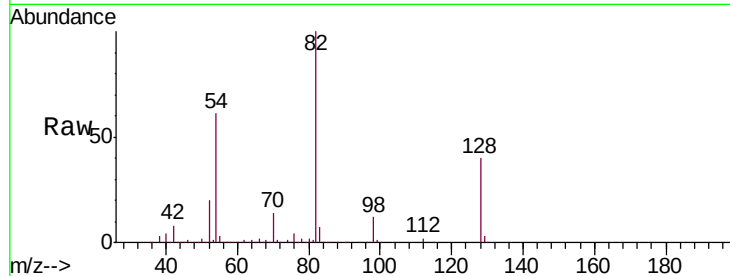
#23
 Nitrobenzene-d5
 Concen: 42.358 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108116.D
 Acq: 13 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-J

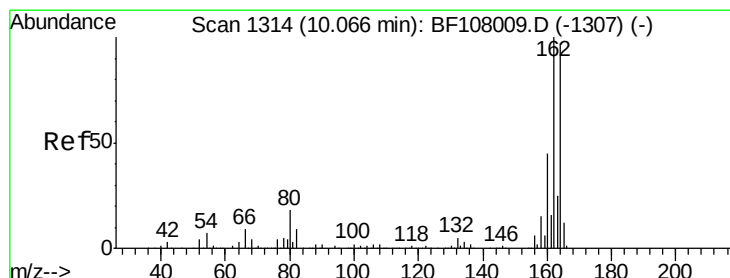
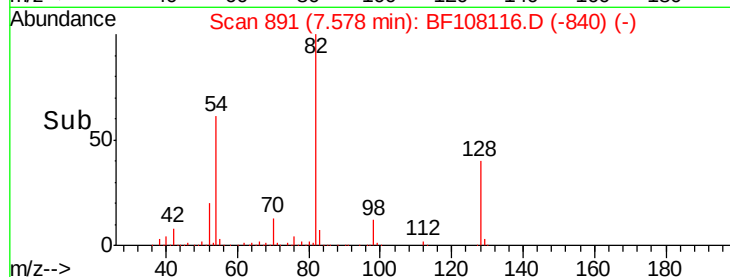
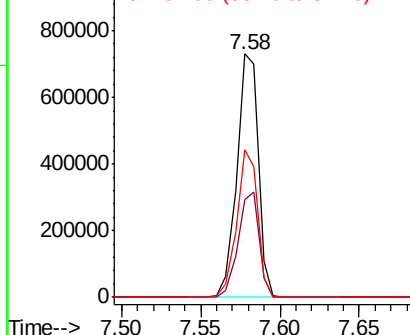
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	684959		
128	39.9	36.1	54.1	
54	60.6	41.4	62.2	

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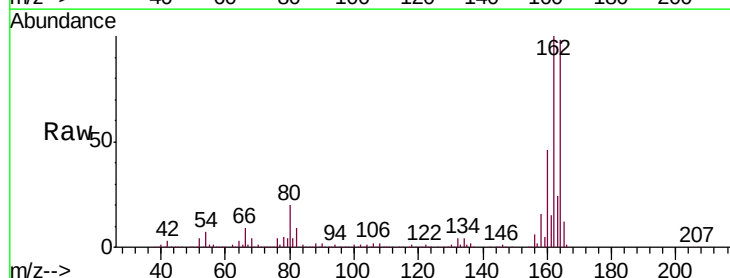


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

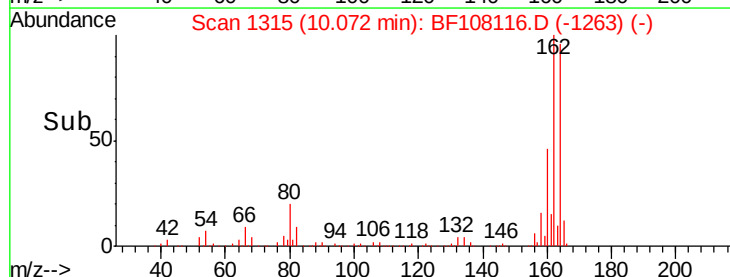
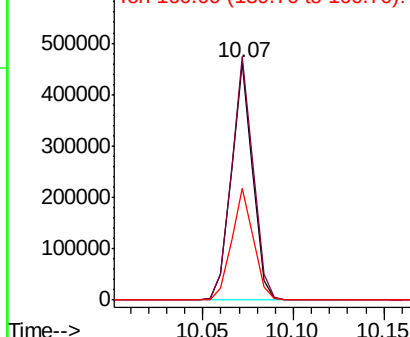


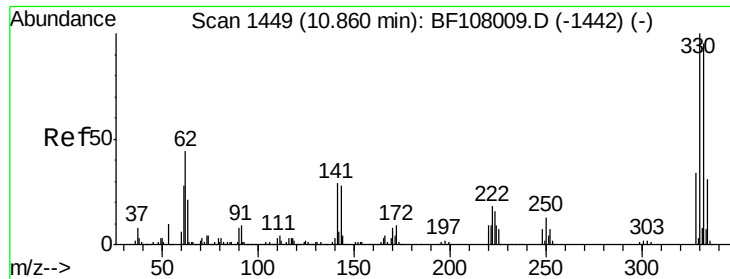
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108116.D
 Acq: 13 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	378326		
162	102.5	86.1	129.1	
160	46.8	38.3	57.5	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





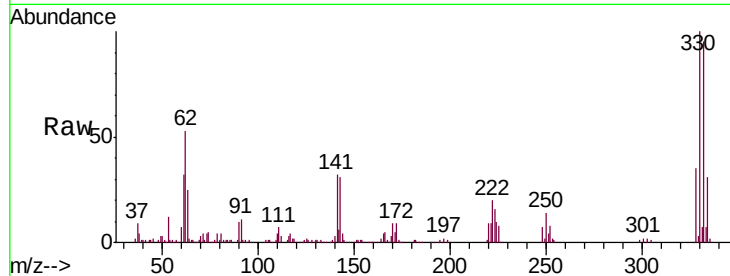
#41
 2,4,6-Tribromophenol
 Concen: 53.827 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108116.D
 Acq: 13 Aug 2018 15:16

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-080918-J

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	203127		
332	96.2	77.0	115.6	
141	32.3	29.9	44.9	

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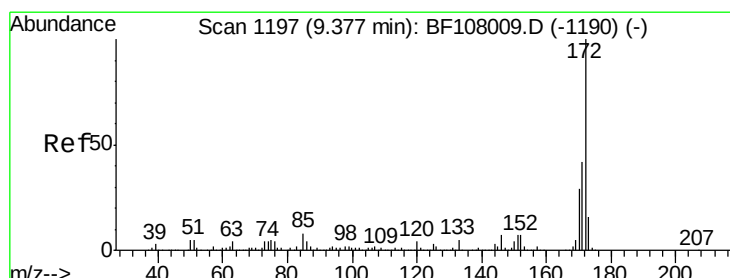
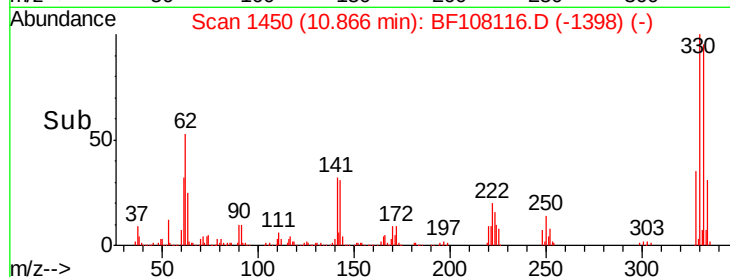
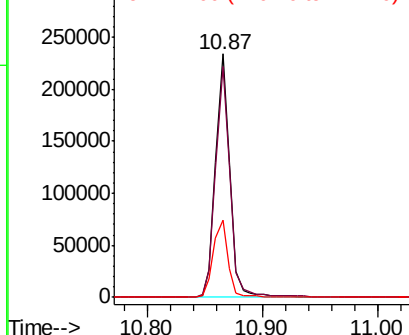


Abundance

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



#44
 2-Fluorobiphenyl
 Concen: 45.533 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108116.D
 Acq: 13 Aug 2018 15:16

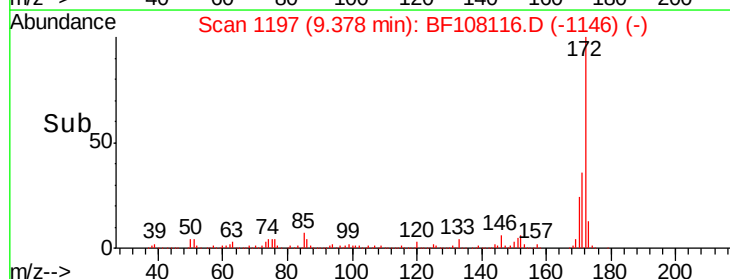
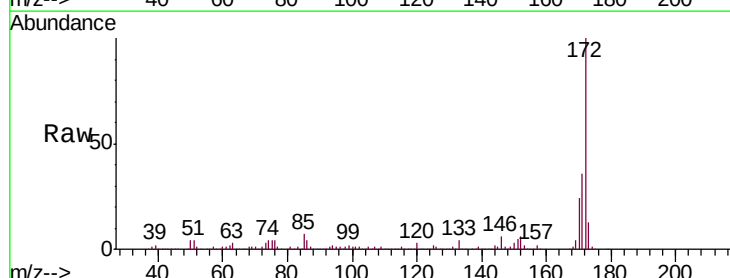
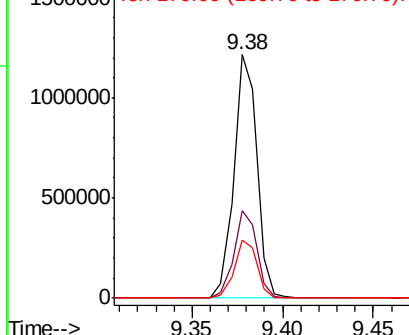
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1072973		
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	

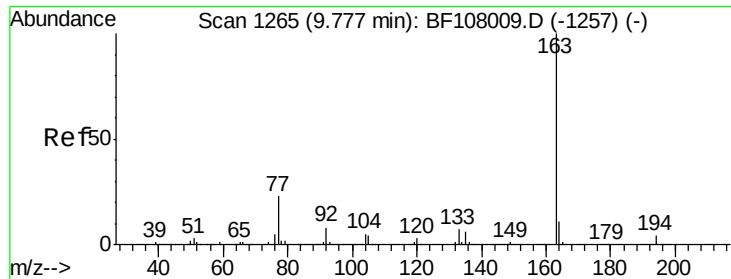
Abundance

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





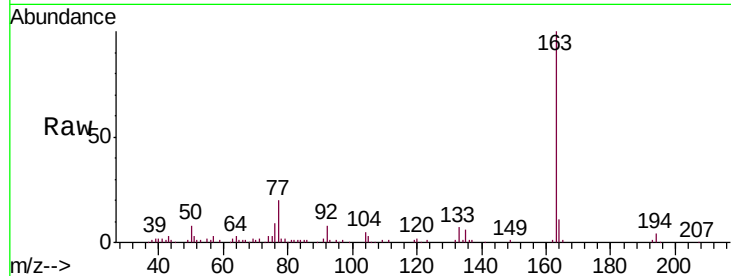
#49
Dimethylphthalate
Concen: 3.184 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-J

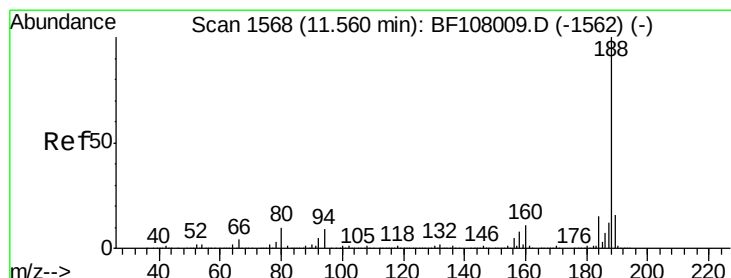
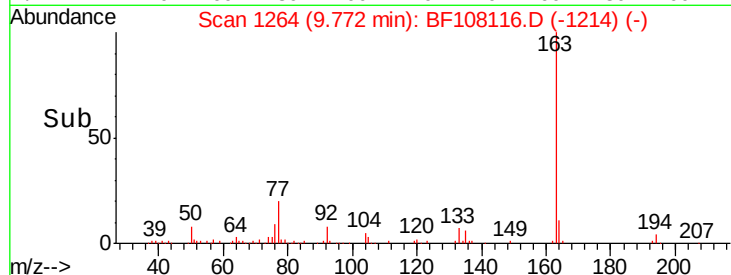
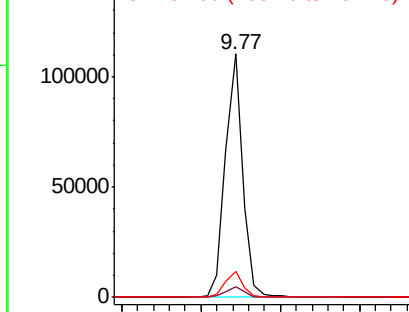
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	83918		
194	4.4	2.7	4.1#	
164	10.7	8.2	12.2	

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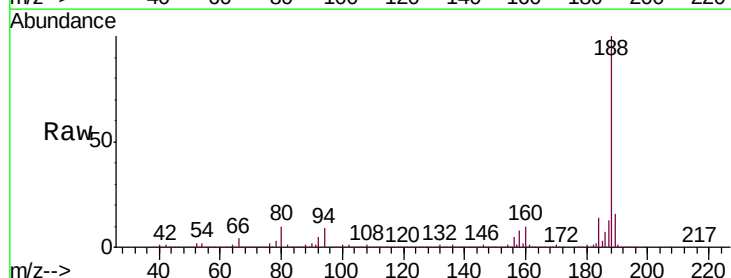


Abundance Ion 163.00 (162.70 to 163.70): E
150000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

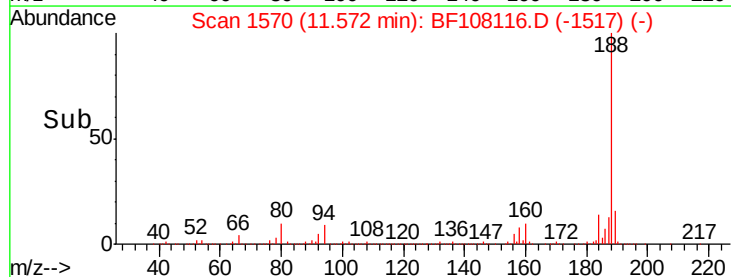
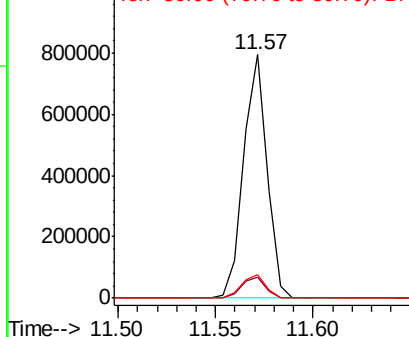


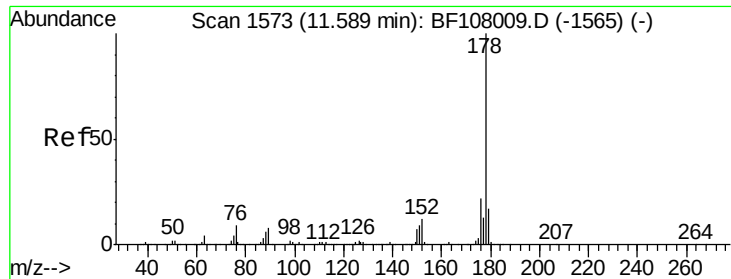
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	660923		
94	8.7	8.5	12.7	
80	9.6	9.2	13.8	



Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.881 ng

RT: 11.60 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Instrument :

BNA_F

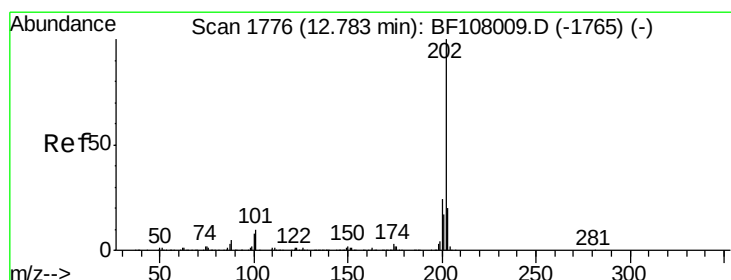
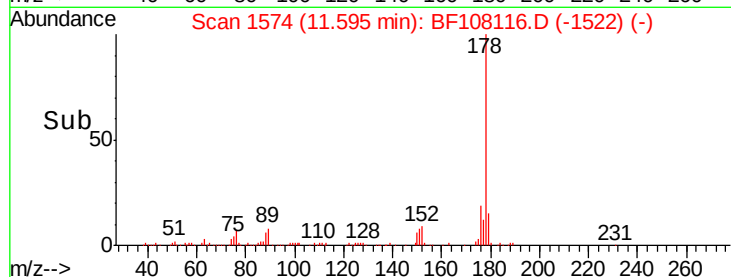
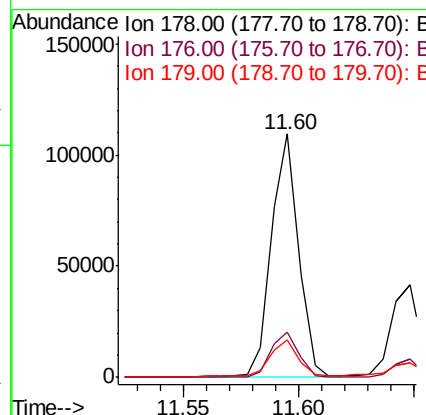
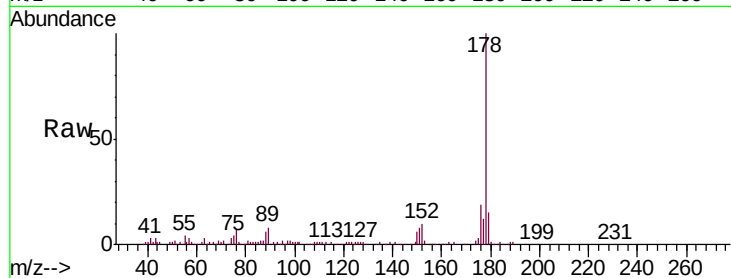
ClientSampleId :

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Tgt Ion:	178	Resp:	89796
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.8	23.8
179	15.5	13.0	19.6

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#74

Fluoranthene

Concen: 7.254 ng

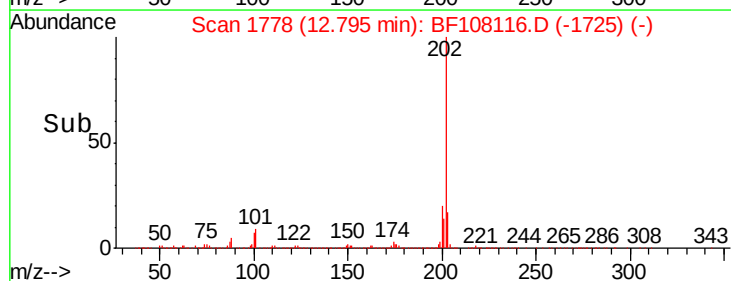
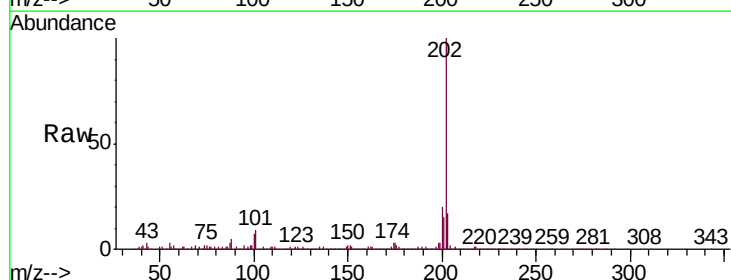
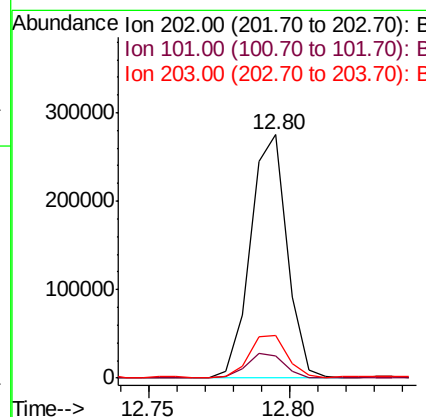
RT: 12.80 min Scan# 1778

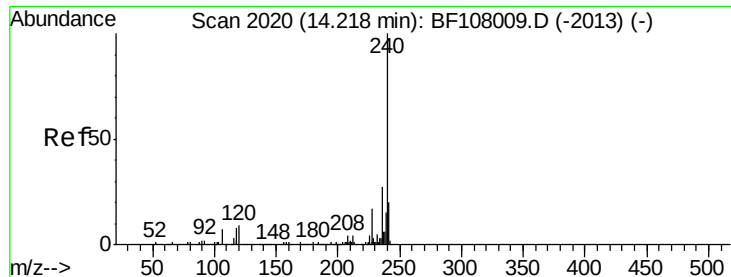
Delta R.T. 0.01 min

Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Tgt Ion:	202	Resp:	246793
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.23 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Instrument :

BNA_F

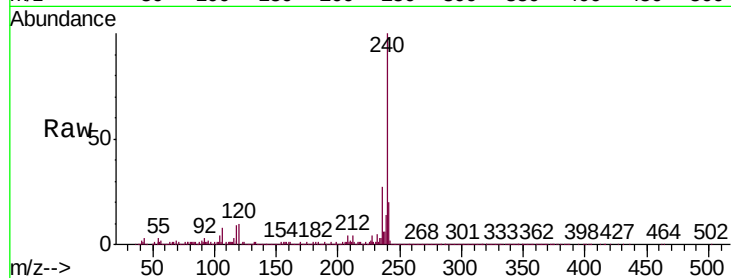
ClientSampleId :

JC-03-080918-J

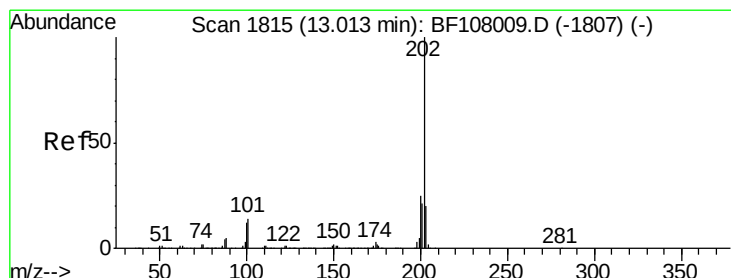
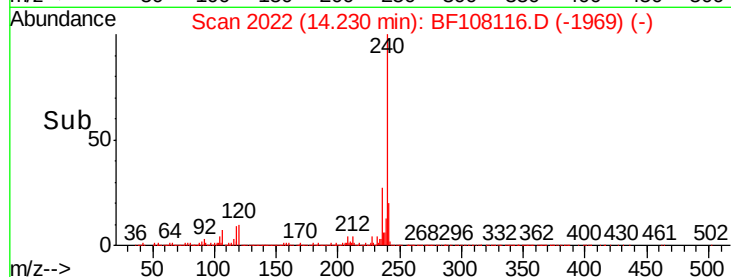
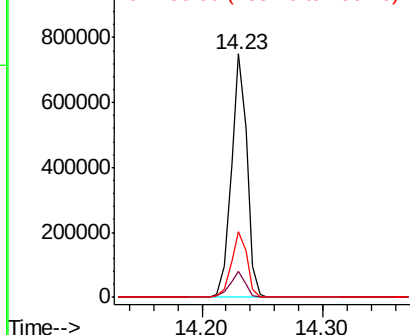
Tgt Ion:	240	Resp:	667843
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	26.9	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.532 ng

RT: 13.02 min Scan# 1817

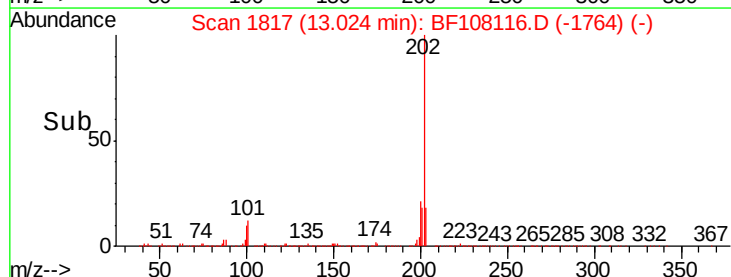
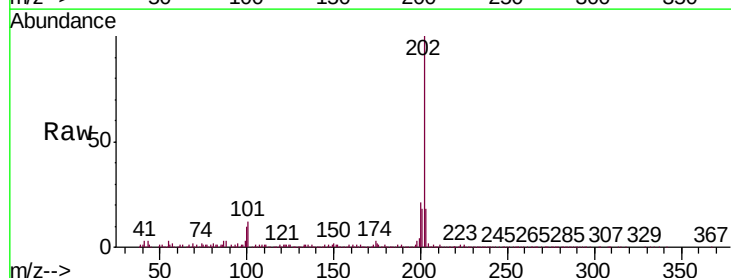
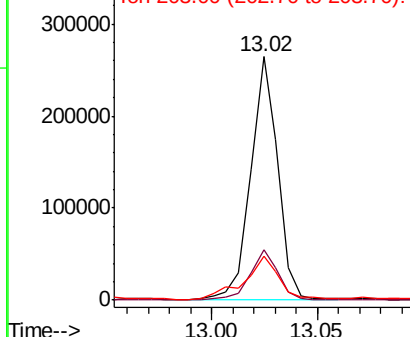
Delta R.T. 0.01 min

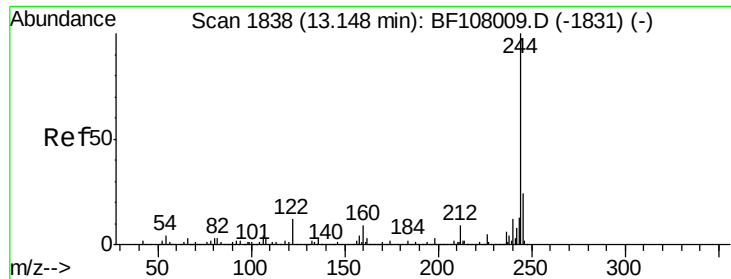
Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Tgt Ion:	202	Resp:	233905
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.0	14.3	21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 37.773 ng

RT: 13.16 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Instrument :

BNA_F

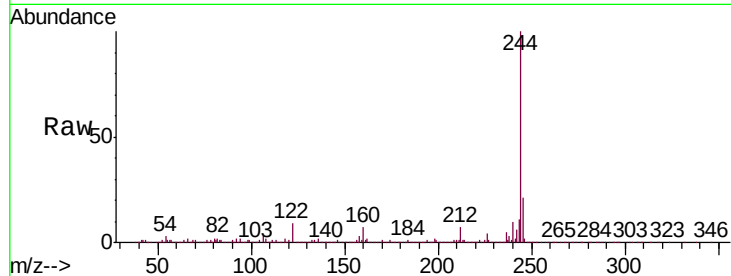
ClientSampleId :

JC-03-080918-J

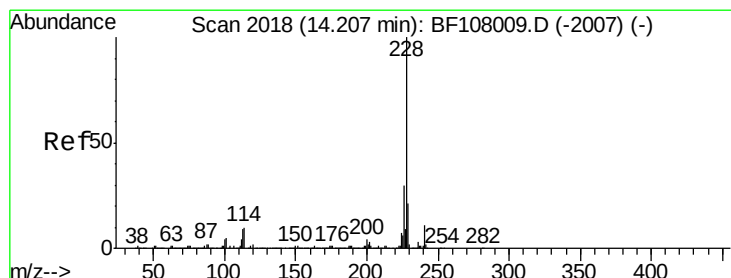
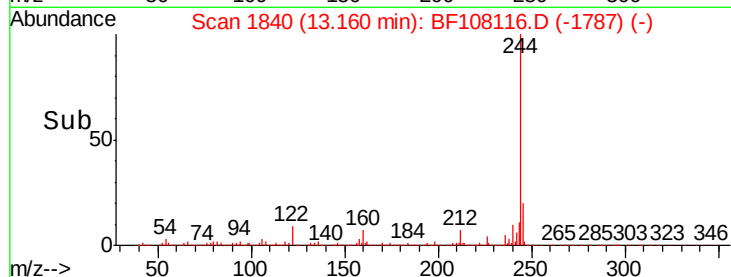
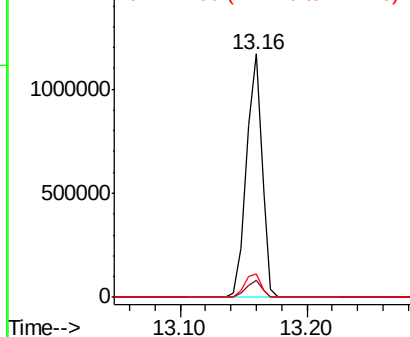
Tgt Ion:	244	Resp:	992160
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	9.4	11.0	16.4#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.626 ng

RT: 14.22 min Scan# 2020

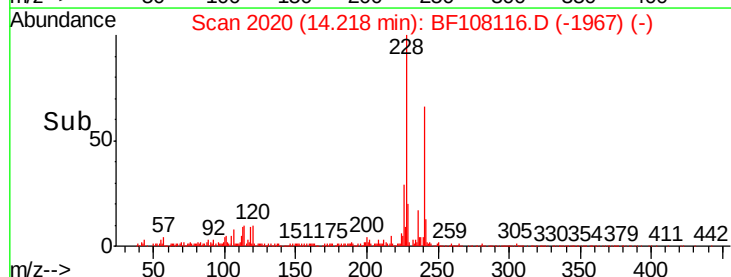
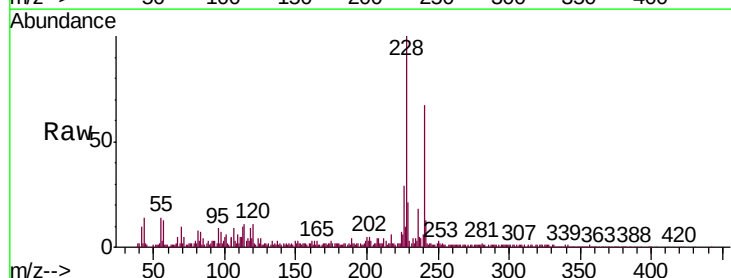
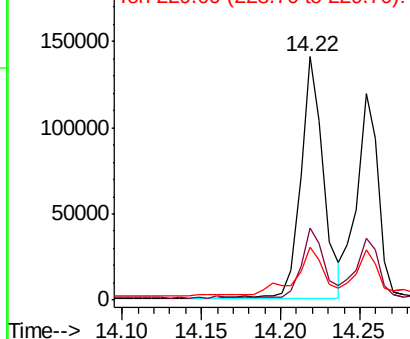
Delta R.T. 0.01 min

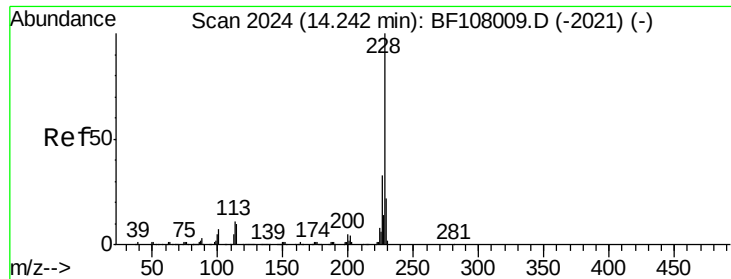
Lab File: BF108116.D

Acq: 13 Aug 2018 15:16

Tgt Ion:	228	Resp:	138988
Ion Ratio	Lower	Upper	
228	100		
226	29.4	22.6	33.8
229	21.5	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





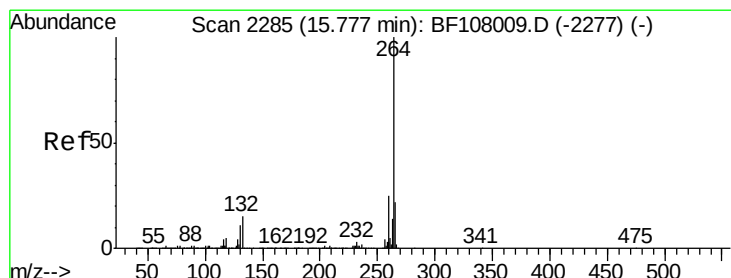
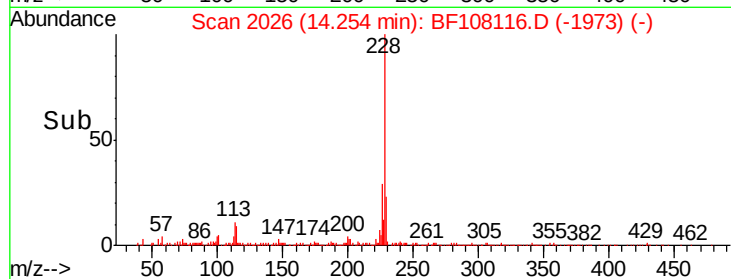
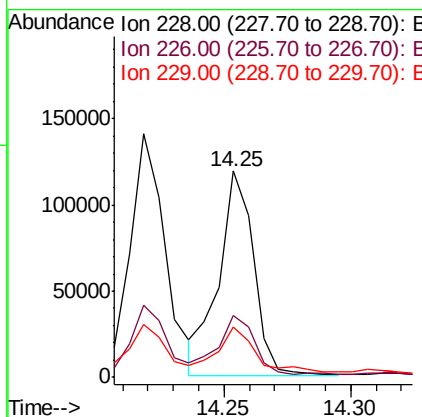
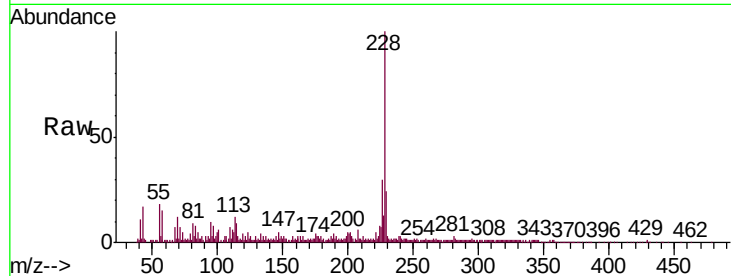
#82
Chrysene
Concen: 3.230 ng
RT: 14.25 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-J

Tgt Ion:	228	Resp:	113501
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	24.3	16.2	24.4

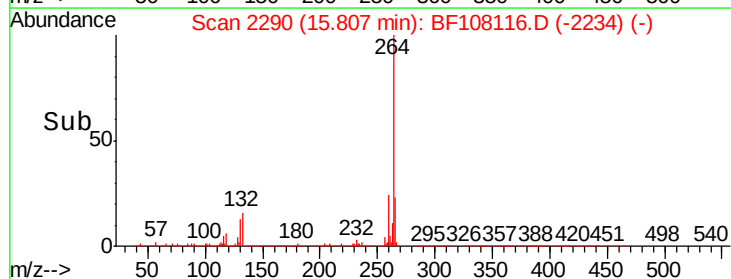
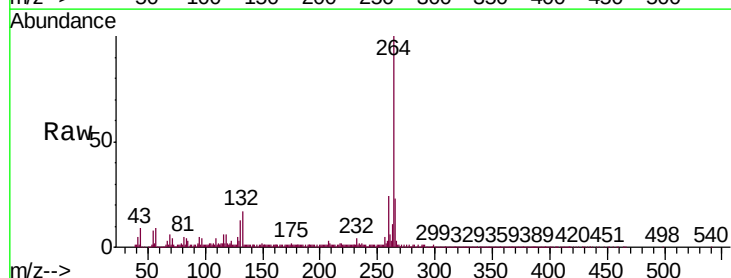
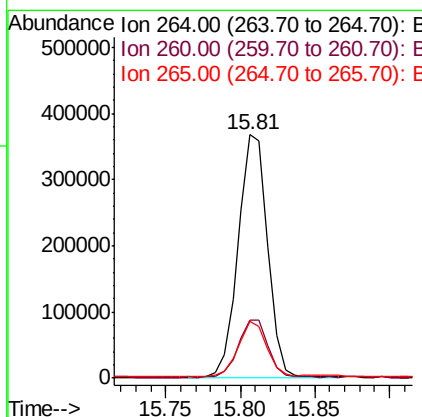
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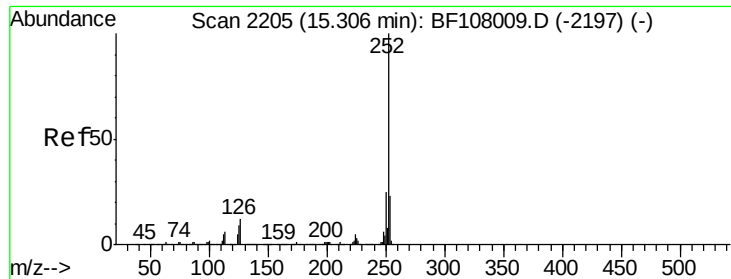
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.81 min Scan# 2290
Delta R.T. 0.03 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Tgt Ion:	264	Resp:	499249
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	23.1	17.5	26.3





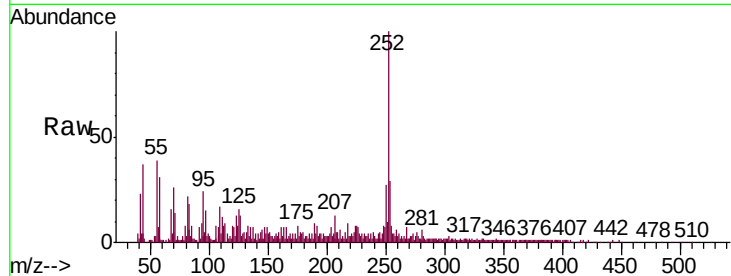
#87
Benzo(b)fluoranthene
Concen: 4.445 ng m
RT: 15.33 min Scan# 2209
Delta R.T. 0.02 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Instrument :
BNA_F
ClientSampleId :
JC-03-080918-J

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.0	25.6#
125	16.1	9.0	13.6#

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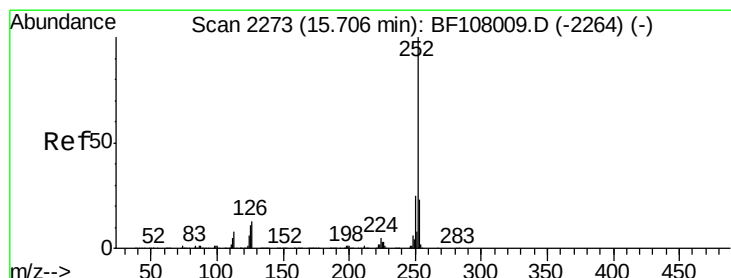
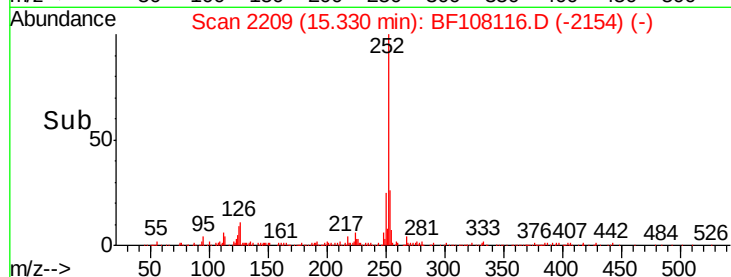
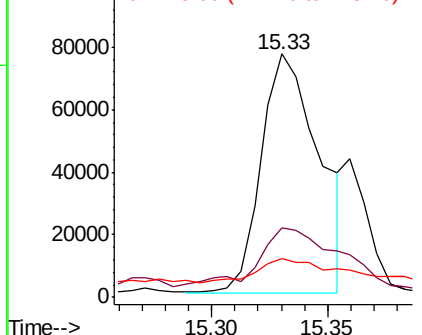


Abundance

Ion 252.00 (251.70 to 252.70): E

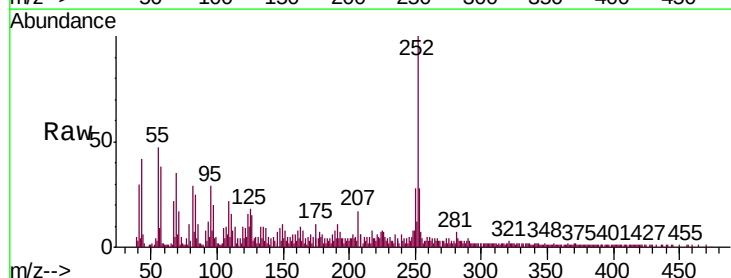
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 3.019 ng
RT: 15.74 min Scan# 2278
Delta R.T. 0.03 min
Lab File: BF108116.D
Acq: 13 Aug 2018 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.1	25.7#
125	18.1	9.8	14.6#



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

