

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108094.D
 Acq On : 10 Aug 2018 19:55
 Operator : JU/SJ
 Sample : J4272-11 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 11 01:30:14 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	268116	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	944124	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	413287	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	697696	20.00	ng	0.00
75) Chrysene-d12	14.22	240	614361	20.00	ng	0.00
86) Perylene-d12	15.79	264	412167	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	741019	50.04	ng	0.00
7) Phenol-d6	6.63	99	996921	50.66	ng	0.00
23) Nitrobenzene-d5	7.58	82	616583	36.44	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	196113	47.57	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1031552	40.07	ng	0.00
78) Terphenyl-d14	13.15	244	947305	39.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.77	163	81949	2.847	ng	99
70) Phenanthrene	11.59	178	104950	3.189	ng	100
74) Fluoranthene	12.78	202	235255	6.550	ng	97
77) Pyrene	13.02	202	221235	5.688	ng	99
80) Benzo(a)anthracene	14.21	228	119752	3.396	ng	96
82) Chrysene	14.25	228	101940	3.154	ng	96
87) Benzo(b)fluoranthene	15.31	252	107732m	4.374	ng	
89) Benzo(a)pyrene	15.72	252	68953	3.127	ng	# 89

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

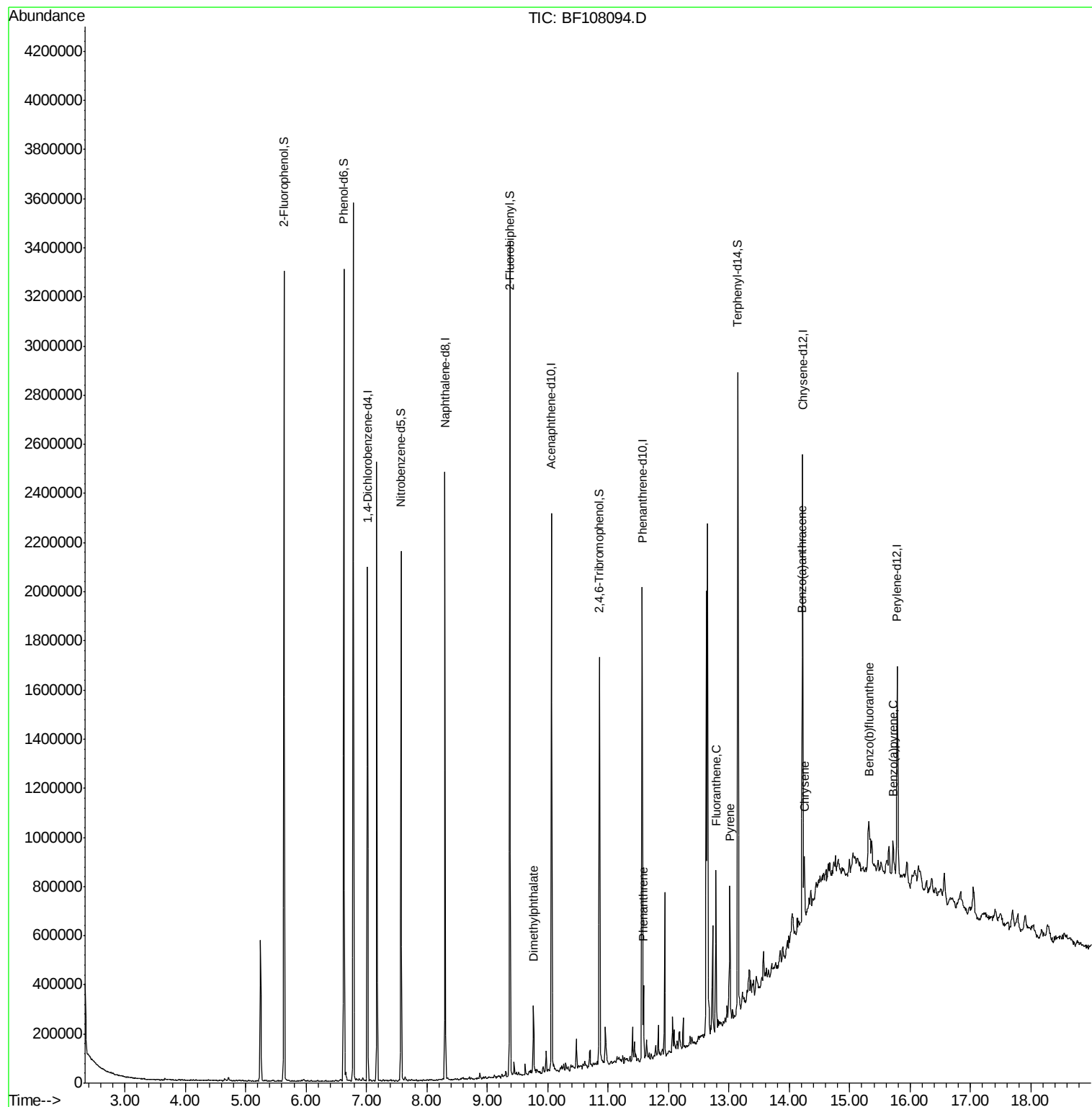
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
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ALS Vial : 18 Sample Multiplier: 1

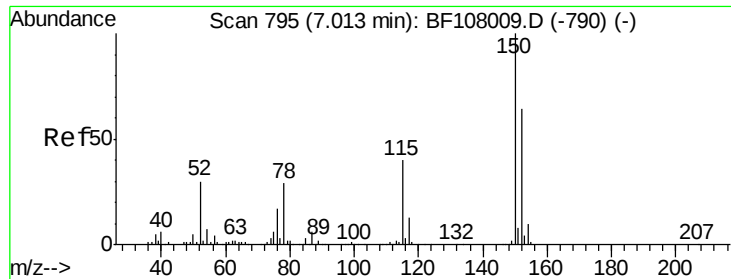
Instrument :
BNA_F
ClientSampleID :
JC-03-080918-F

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#1

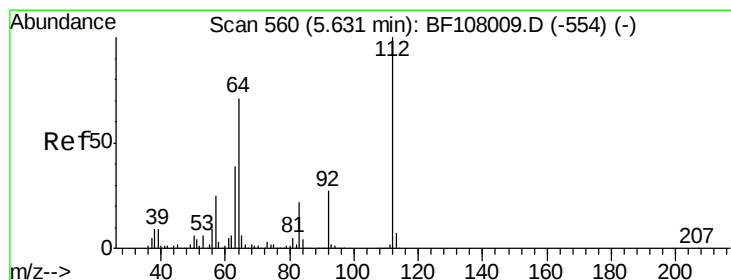
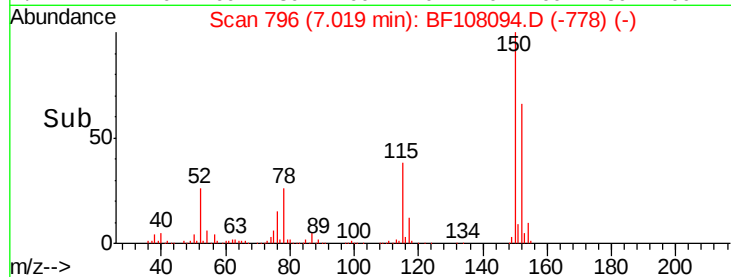
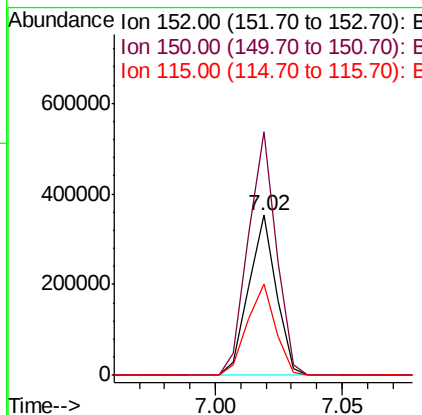
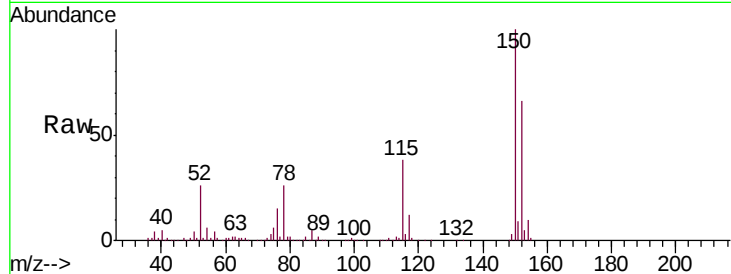
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		268116		
150	151.8	124.6	186.8		
115	57.2	50.1	75.1		

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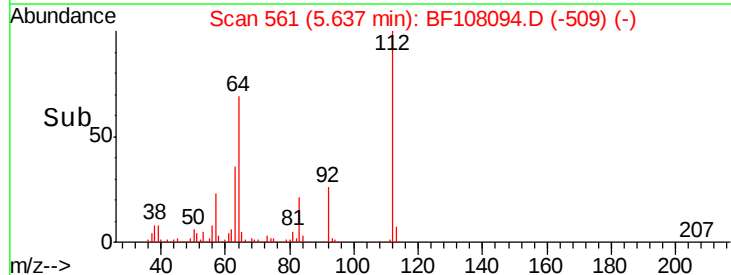
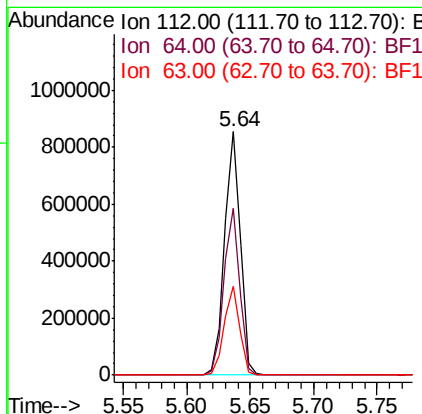
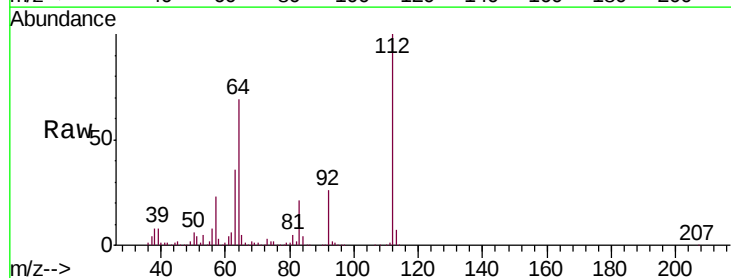
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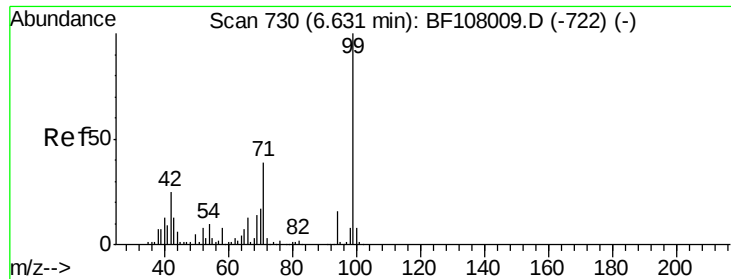


#5

2-Fluorophenol
Concen: 50.037 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		741019		
64	68.5	47.9	71.9		
63	36.4	23.7	35.5#		





#7

Phenol-d6

Concen: 50.658 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108094.D

Acq: 10 Aug 2018 19:55

Instrument :

BNA_F

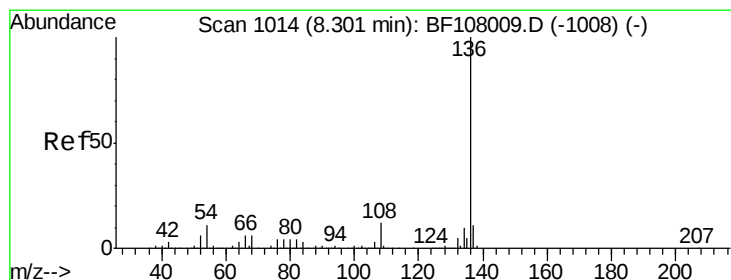
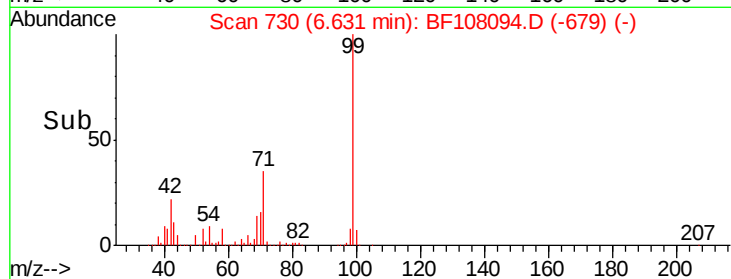
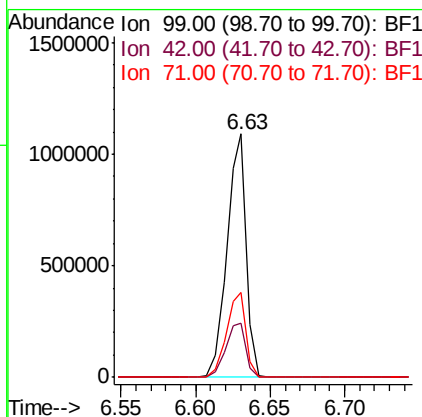
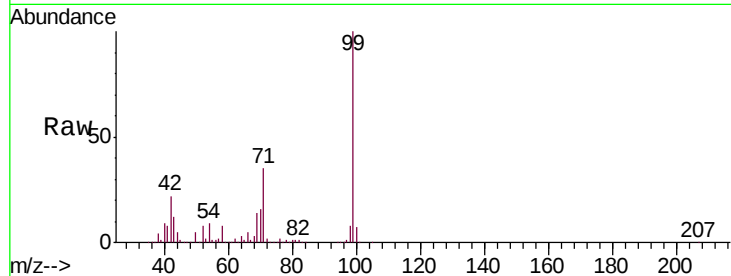
ClientSampleId :

JC-03-080918-F

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	996921		
42	22.5	14.5	21.7#	
71	35.0	25.4	38.0	

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#21

Naphthalene-d8

Concen: 20.000 ng

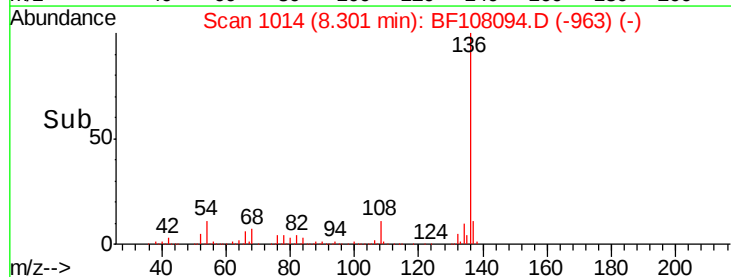
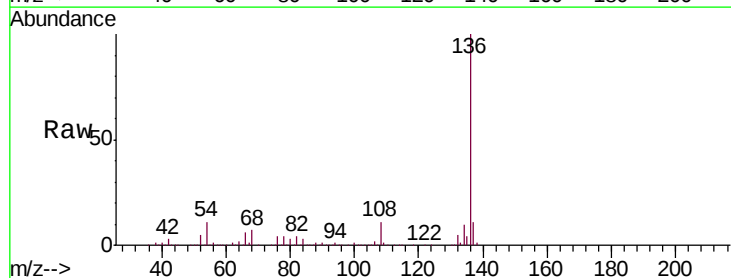
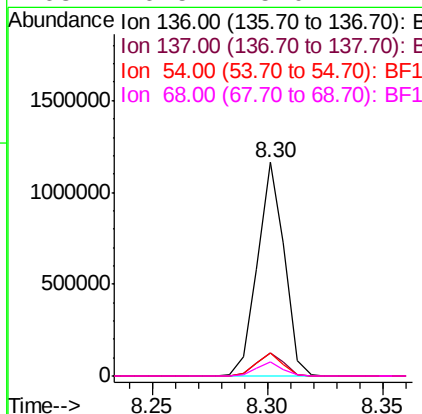
RT: 8.30 min Scan# 1014

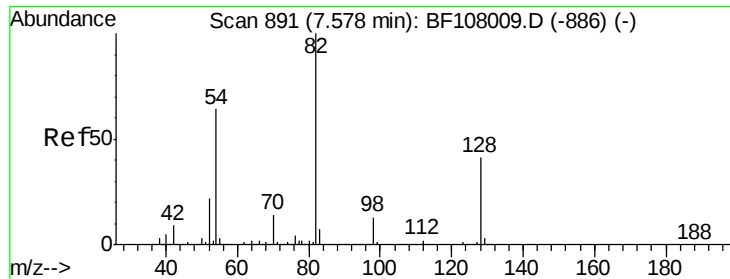
Delta R.T. 0.00 min

Lab File: BF108094.D

Acq: 10 Aug 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	944124		
137	11.1	8.9	13.3	
54	10.6	6.6	9.8#	
68	6.5	5.0	7.4	





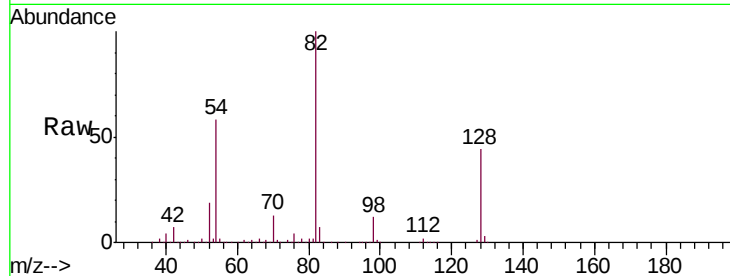
#23
 Nitrobenzene-d5
 Concen: 36.442 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108094.D
 Acq: 10 Aug 2018 19:55

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

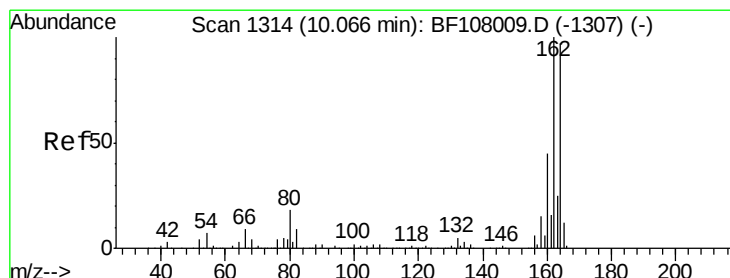
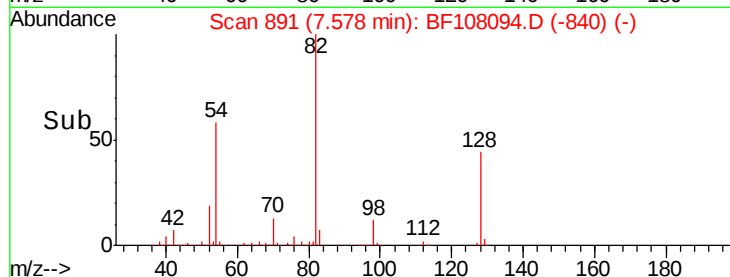
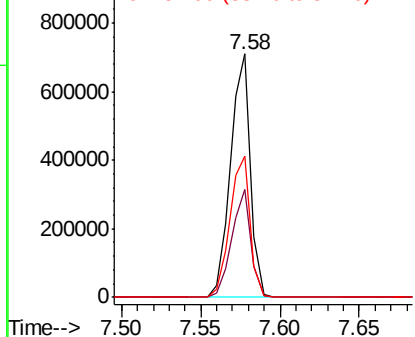
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	616583		
128	44.4	36.1	54.1	
54	57.8	41.4	62.2	

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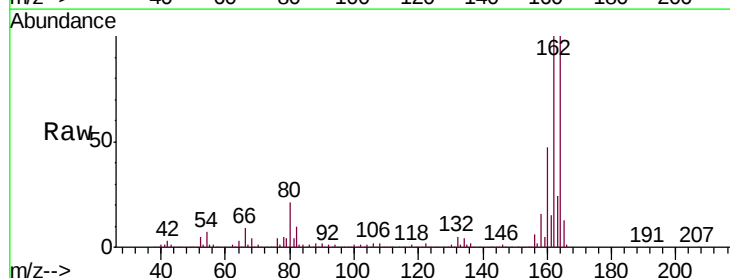


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

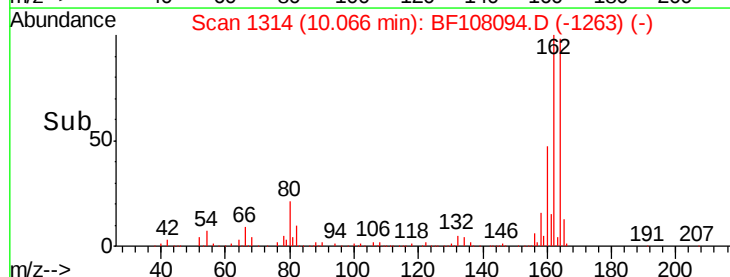
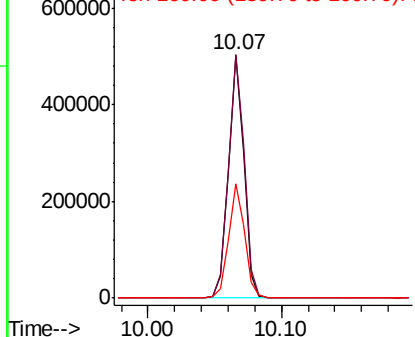


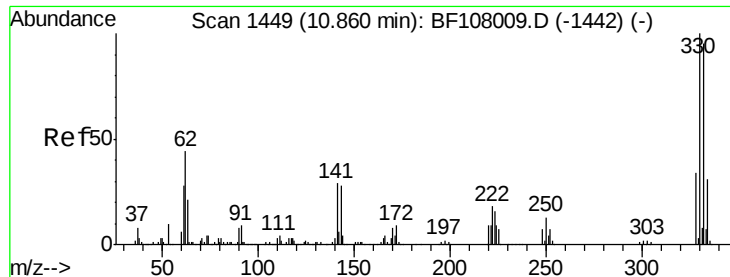
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF108094.D
 Acq: 10 Aug 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	413287		
162	100.3	86.1	129.1	
160	47.0	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





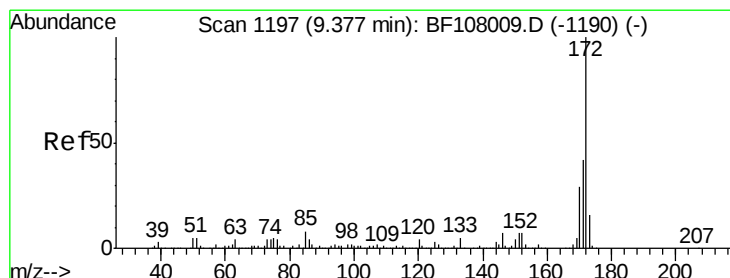
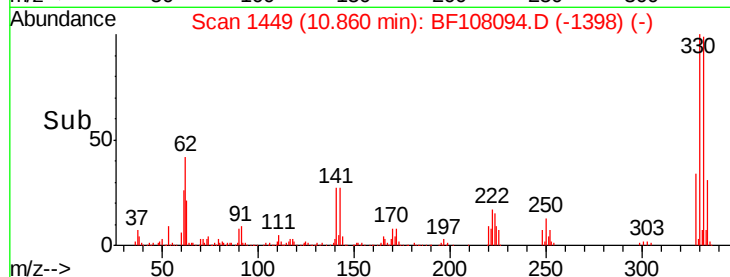
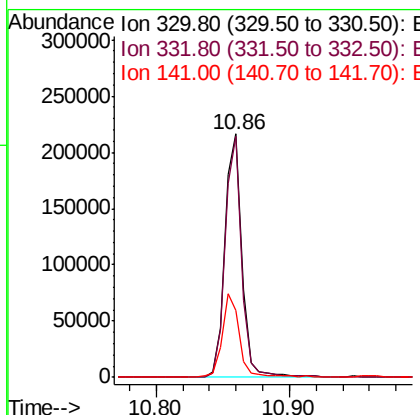
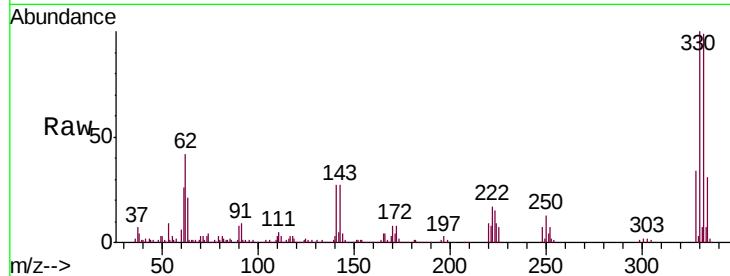
#41
 2,4,6-Tribromophenol
 Concen: 47.572 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108094.D
 Acq: 10 Aug 2018 19:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	196113		
332	96.5	77.0	115.6	
141	33.9	29.9	44.9	

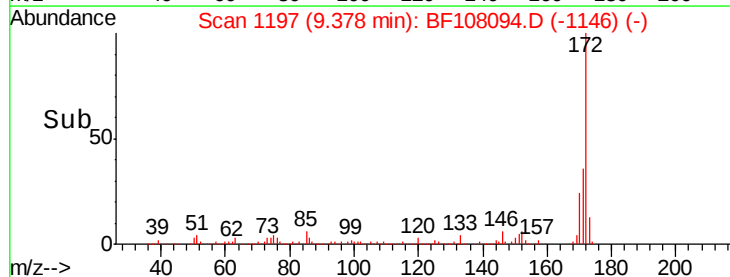
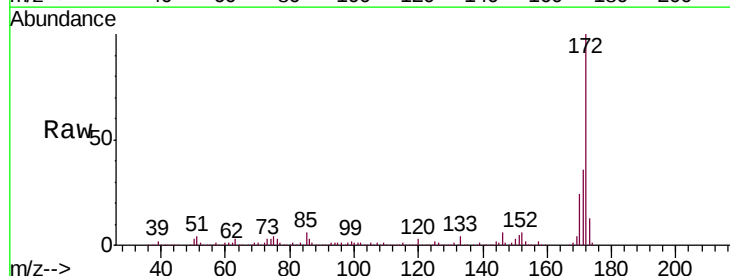
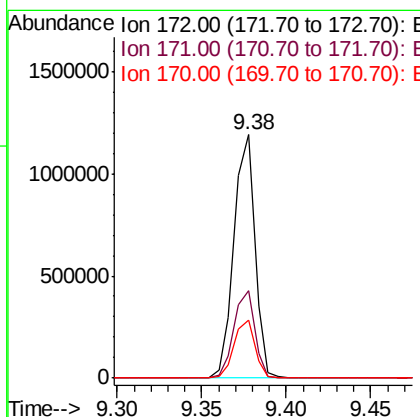
Manual Integrations
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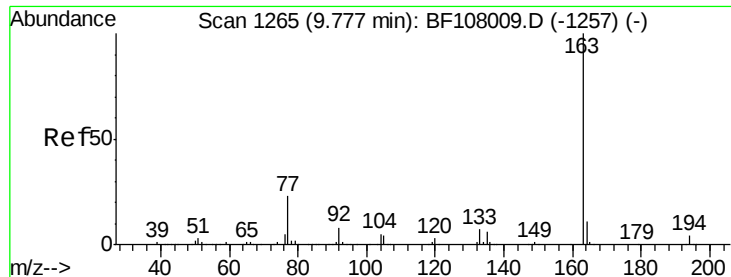
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#44
 2-Fluorobiphenyl
 Concen: 40.072 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108094.D
 Acq: 10 Aug 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1031552		
171	36.2	29.7	44.5	
170	23.9	19.6	29.4	





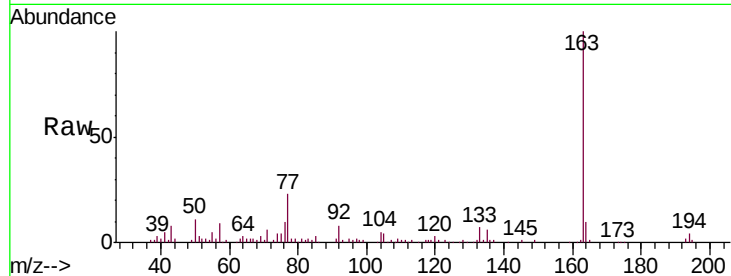
#49
Dimethylphthalate
Concen: 2.847 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	81949		
194	3.9	2.7	4.1	
164	10.3	8.2	12.2	

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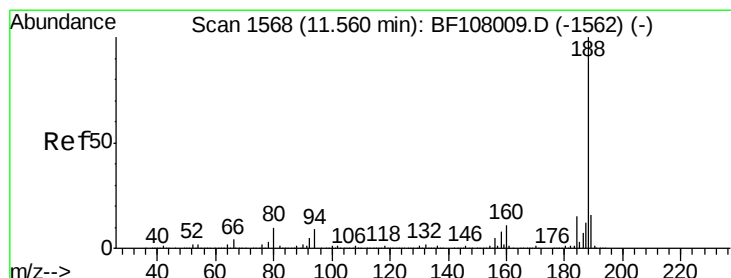
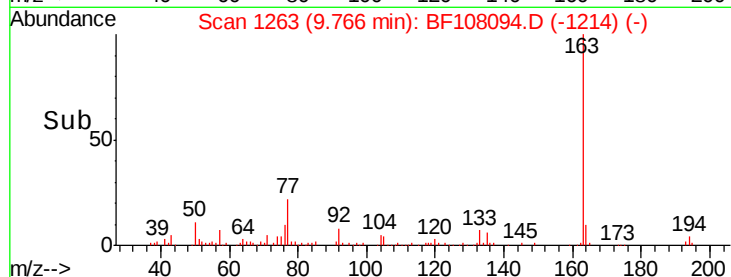
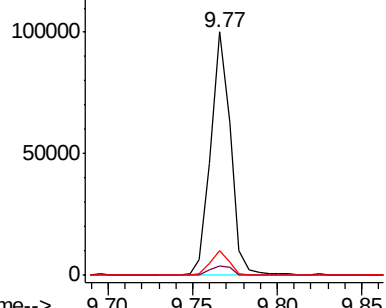


Abundance

Ion 163.00 (162.70 to 163.70): E

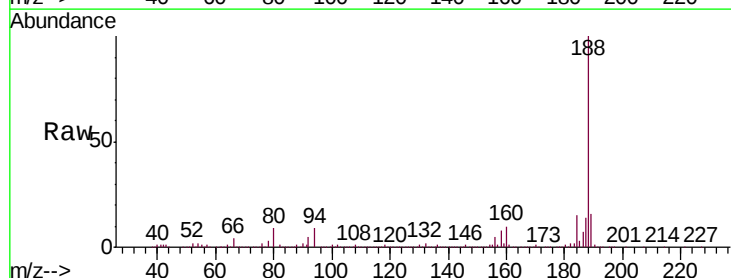
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	697696		
94	8.7	8.5	12.7	
80	9.4	9.2	13.8	

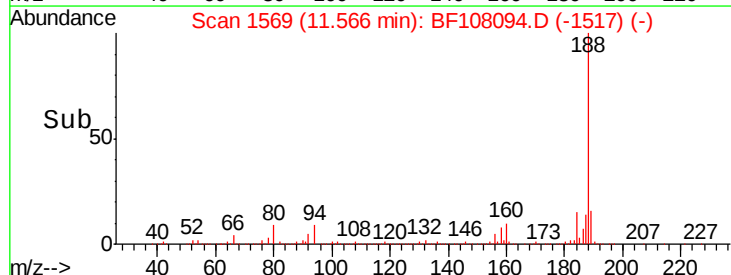
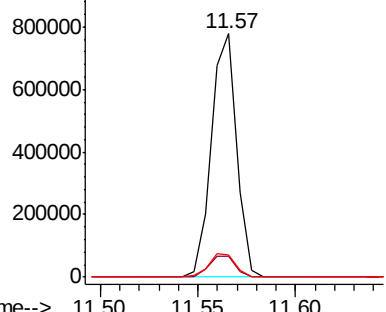


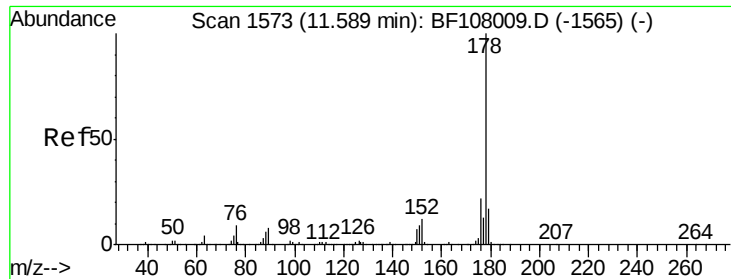
Abundance

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





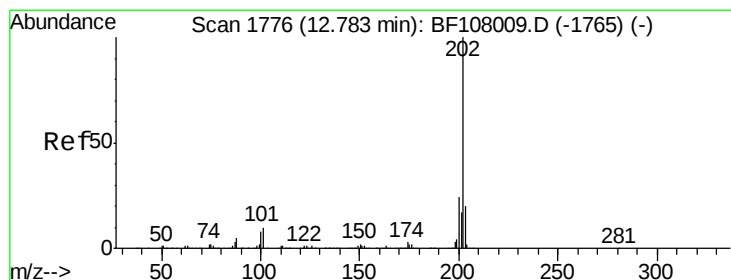
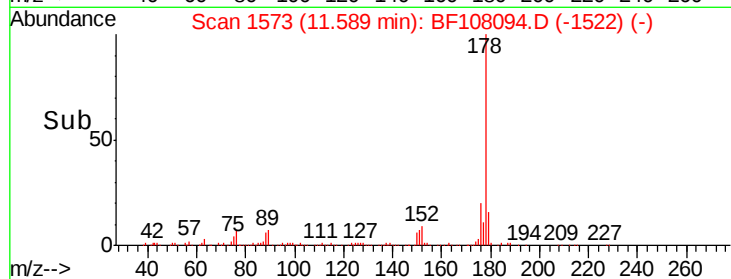
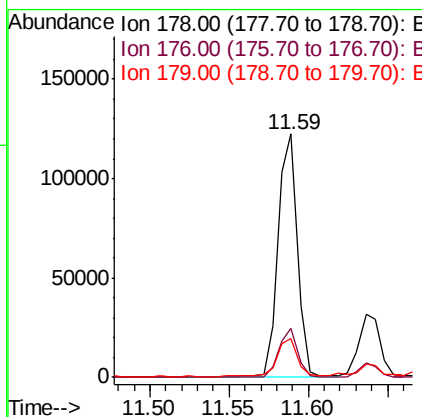
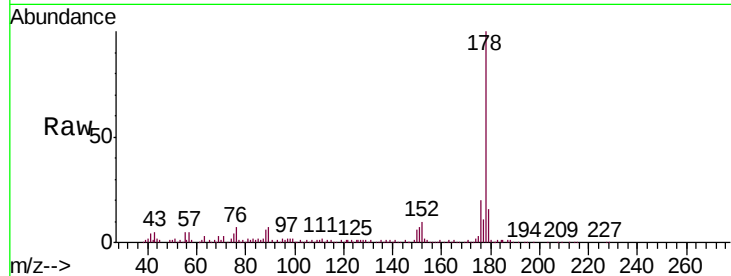
#70
Phenanthrene
Concen: 3.189 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Instrument :
BNA_F
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JC-03-080918-F

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	16.0	13.0	19.6

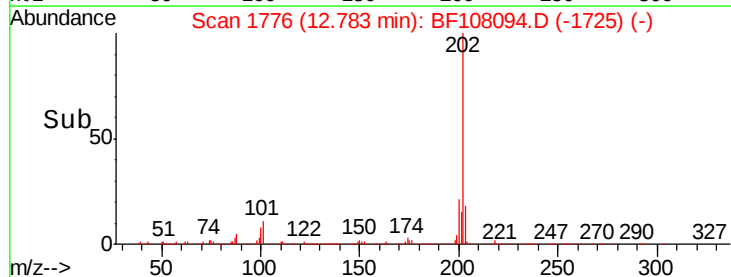
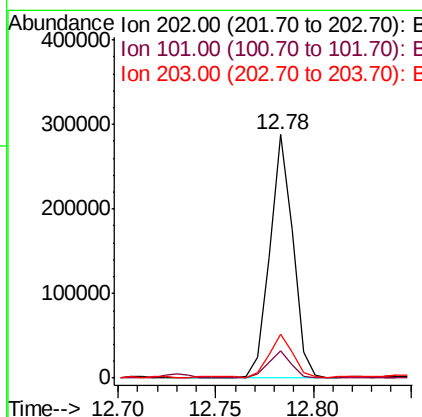
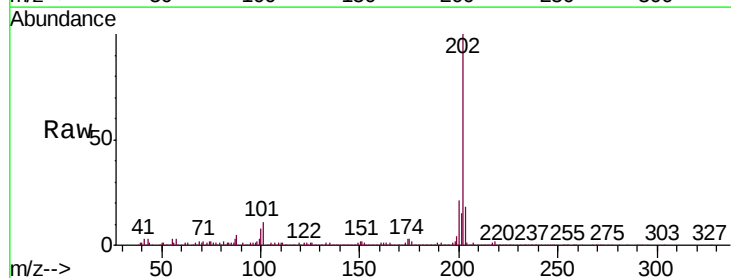
Manual Integrations
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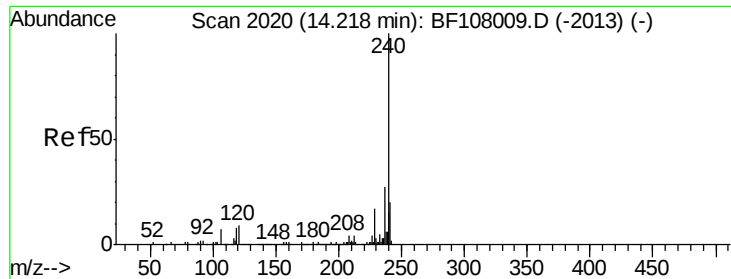
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#74
Fluoranthene
Concen: 6.550 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108094.D

Acq: 10 Aug 2018 19:55

Instrument :

BNA_F

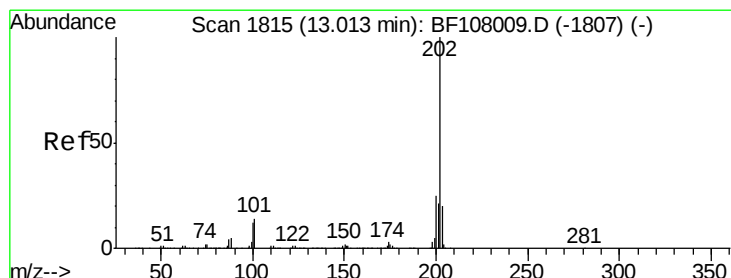
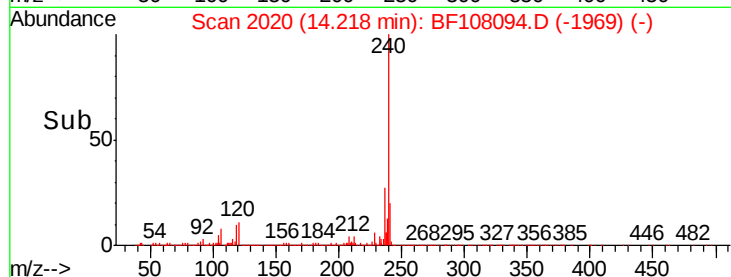
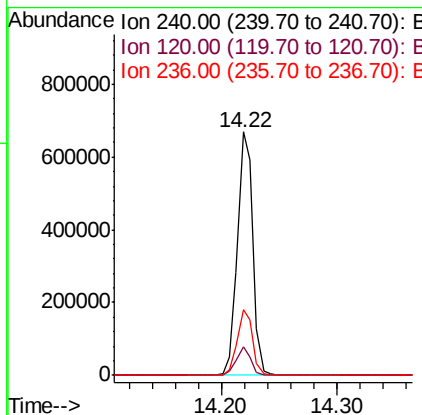
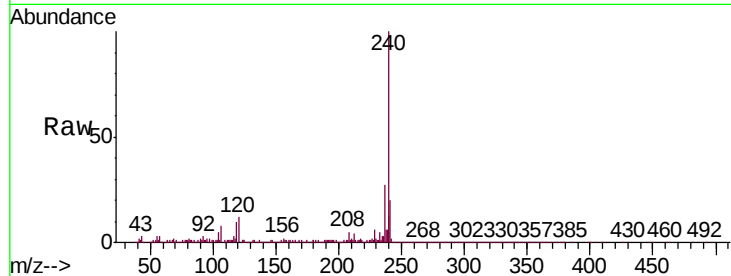
ClientSampleId :

JC-03-080918-F

Tgt Ion:	240	Resp:	614361
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	26.8	20.7	31.1

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#77

Pyrene

Concen: 5.688 ng

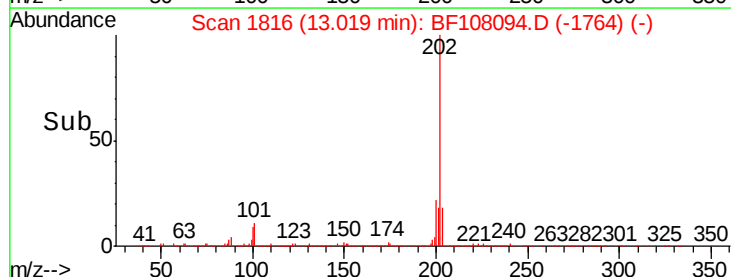
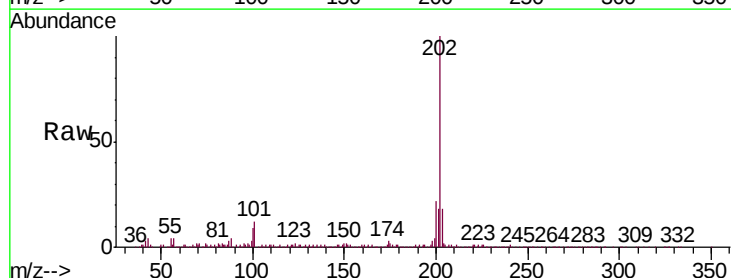
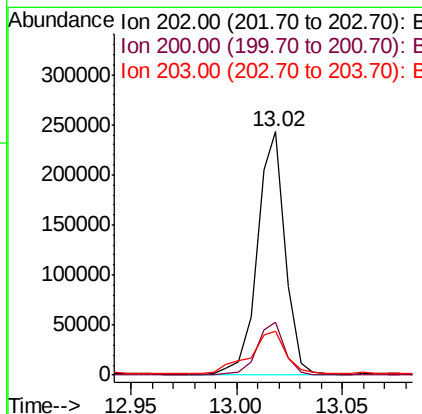
RT: 13.02 min Scan# 1816

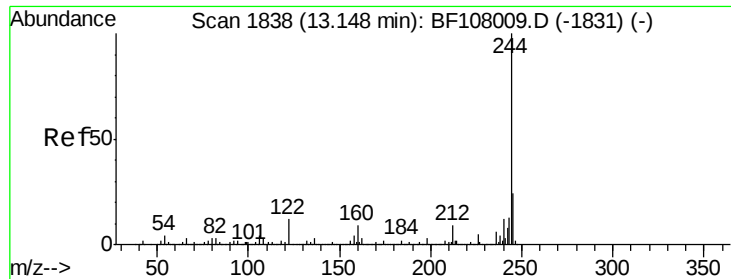
Delta R.T. 0.01 min

Lab File: BF108094.D

Acq: 10 Aug 2018 19:55

Tgt Ion:	202	Resp:	221235
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.4	26.2
203	18.3	14.3	21.5





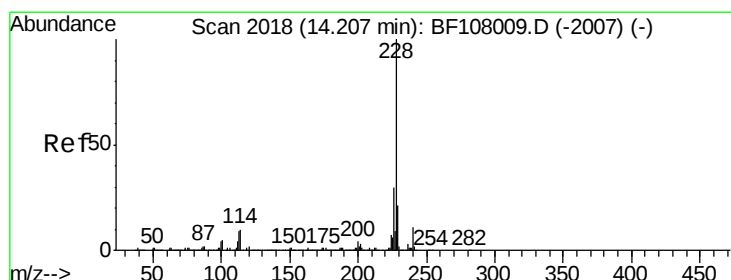
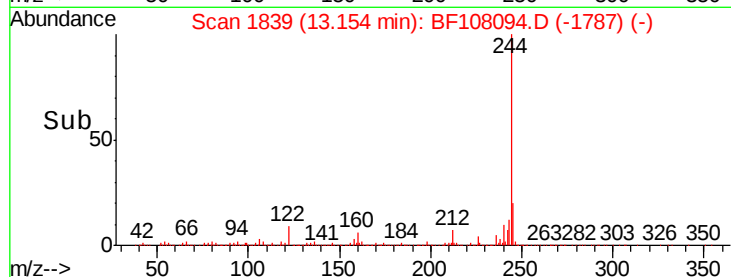
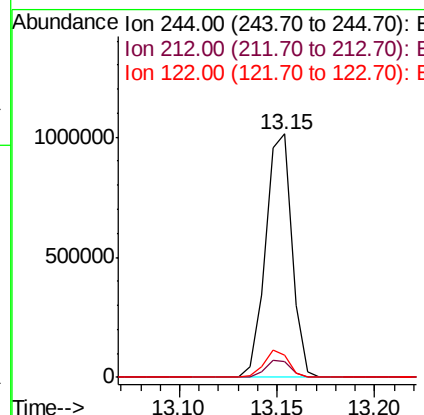
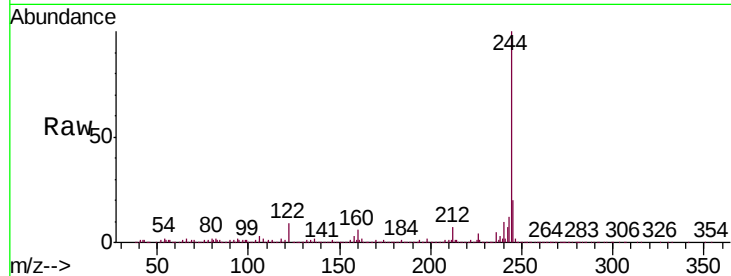
#78
 Terphenyl-d14
 Concen: 39.205 ng
 RT: 13.15 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: BF108094.D
 Acq: 10 Aug 2018 19:55

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.4	8.0
122	8.9	11.0	16.4

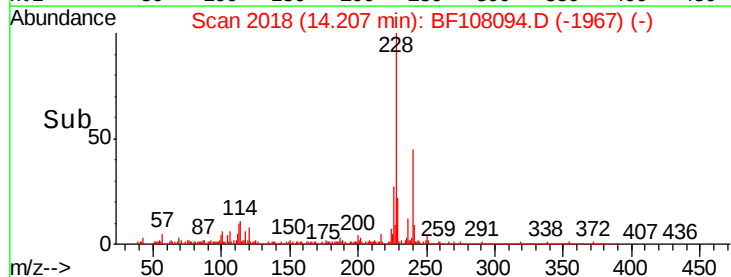
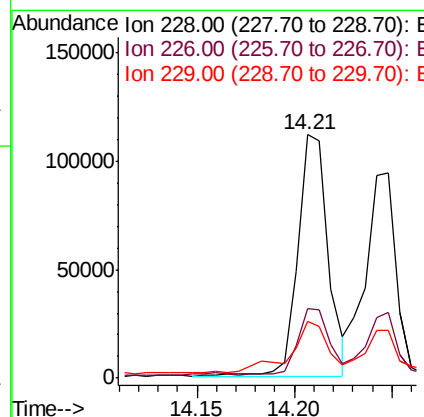
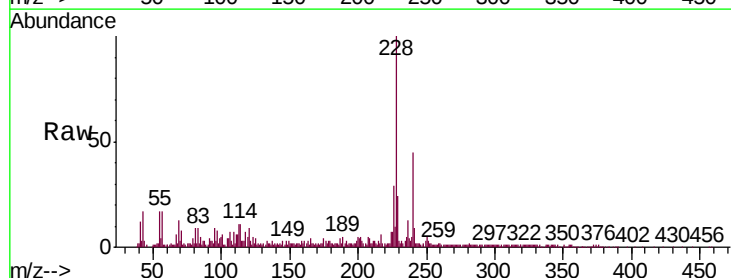
Manual Integrations
 APPROVED

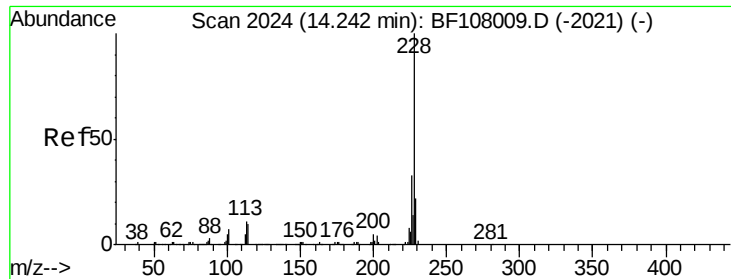
Sohil
 8/13/2018 3:52:15 PM



#80
 Benzo(a)anthracene
 Concen: 3.396 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. 0.00 min
 Lab File: BF108094.D
 Acq: 10 Aug 2018 19:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.7	22.6	33.8
229	23.5	15.8	23.6





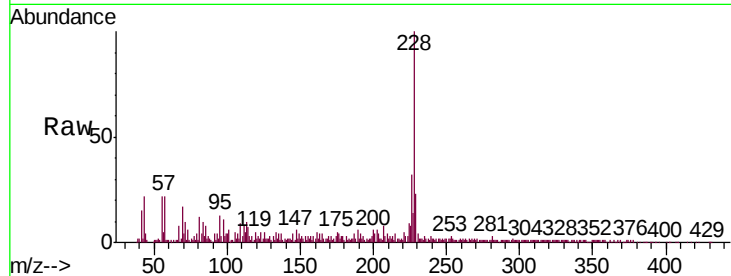
#82
Chrysene
Concen: 3.154 ng
RT: 14.25 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

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

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	101940		
226	32.3	25.0	37.6	
229	23.3	16.2	24.4	

Manual Integrations
APPROVED

Sohil
8/13/2018 3:52:15 PM

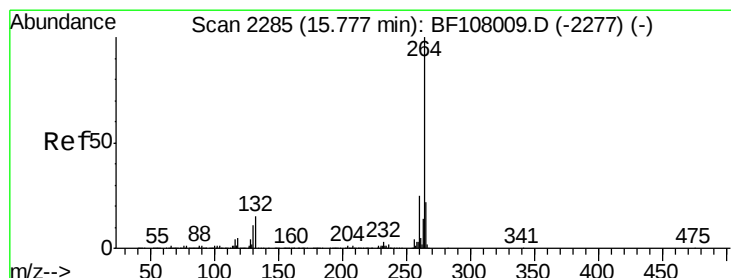
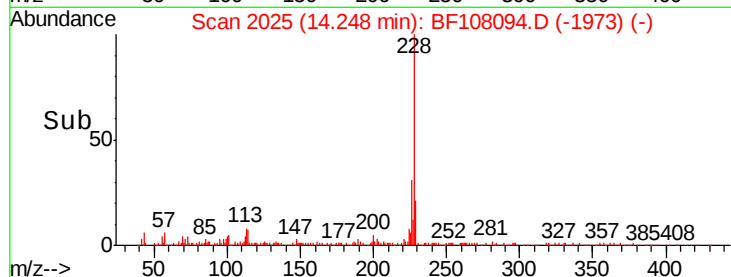
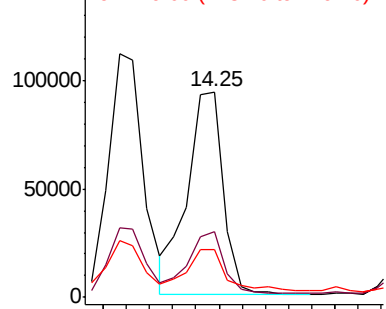


Abundance

Ion 228.00 (227.70 to 228.70): E

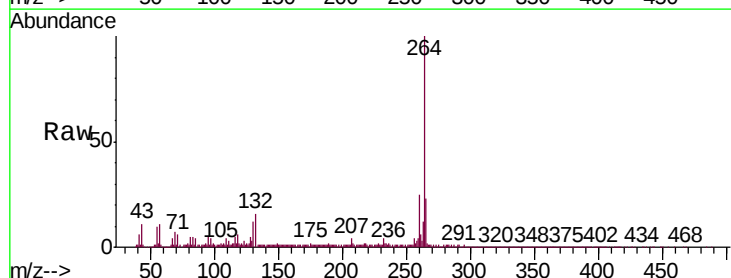
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF108094.D
Acq: 10 Aug 2018 19:55

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	412167		
260	24.6	19.2	28.8	
265	23.4	17.5	26.3	

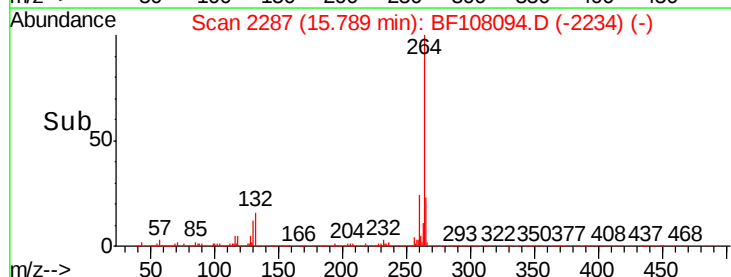
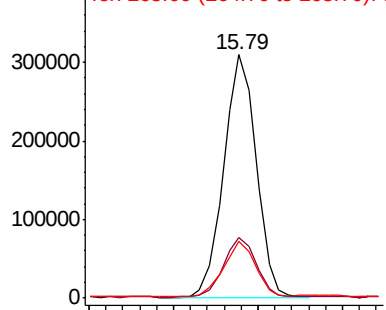


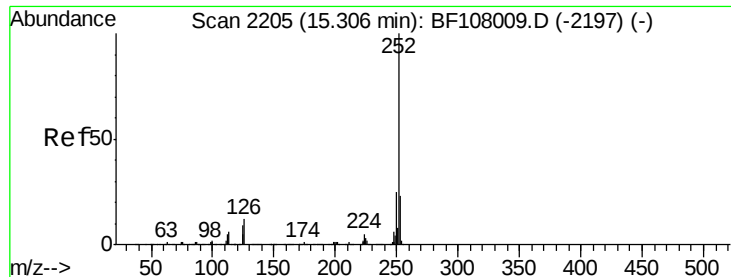
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 4.374 ng m

RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF108094.D

Acq: 10 Aug 2018 19:55

Instrument :

BNA_F

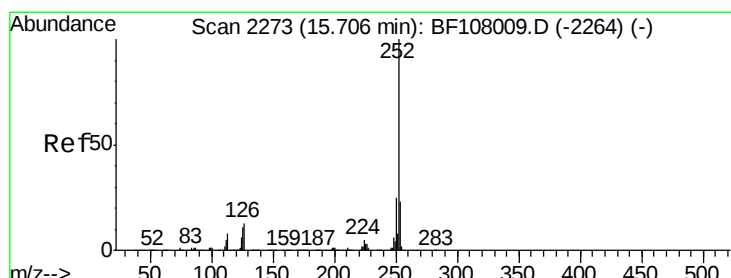
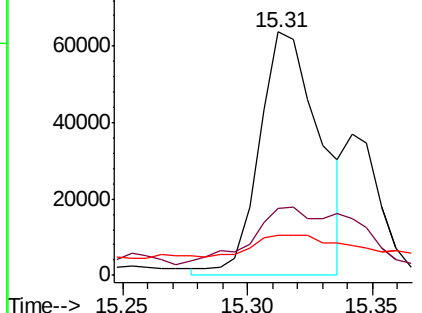
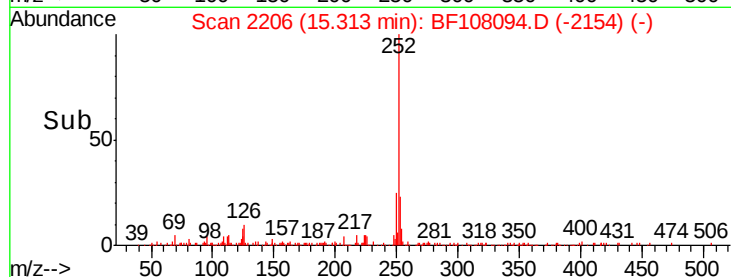
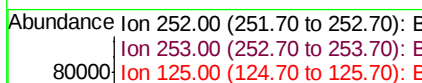
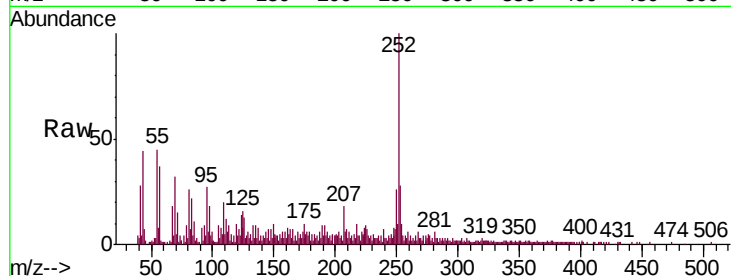
ClientSampleId :

JC-03-080918-F

Tgt Ion:	252	Resp:	107732
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.0	25.6#
125	16.3	9.0	13.6#

Manual Integrations
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Sohil
8/13/2018 3:52:15 PM



#89

Benzo(a)pyrene

Concen: 3.127 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF108094.D

Acq: 10 Aug 2018 19:55

Tgt Ion:	252	Resp:	68953
Ion Ratio	Lower	Upper	
252	100		
253	26.5	17.1	25.7#
125	16.8	9.8	14.6#

