

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108468.D
 Acq On : 24 Aug 2018 17:32
 Operator : JU/SJ
 Sample : J4581-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-A3

Manual Integrations
 APPROVED

Sohil
 8/27/2018 12:56:40 PM

Quant Time: Aug 24 18:41:13 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 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	132347	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	509609	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	259139	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	503959	20.00	ng	0.00
75) Chrysene-d12	14.19	240	299170	20.00	ng	0.00
86) Perylene-d12	15.75	264	286259	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	745950	102.04	ng	0.00
7) Phenol-d6	6.62	99	1023957	105.41	ng	0.00
23) Nitrobenzene-d5	7.56	82	678336	74.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	315725	122.14	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1210560	75.00	ng	0.00
78) Terphenyl-d14	13.12	244	1198157	101.83	ng	0.00
Target Compounds						
10) Phenol	6.64	94	21186	2.108	ng	90
49) Dimethylphthalate	9.75	163	344107	19.063	ng	99
70) Phenanthrene	11.57	178	145654	6.128	ng	97
74) Fluoranthene	12.76	202	202590	7.809	ng	94
77) Pyrene	12.99	202	179208	9.462	ng	99
80) Benzo(a)anthracene	14.18	228	69404	4.042	ng	98
82) Chrysene	14.22	228	68213	4.334	ng	95
85) Indeno(1,2,3-cd)pyrene	17.35	276	38377	2.814	ng	# 90
87) Benzo(b)fluoranthene	15.28	252	77421m	4.526	ng	
89) Benzo(a)pyrene	15.68	252	56248	3.672	ng	97
91) Benzo(g,h,i)perylene	17.85	276	37245	2.985	ng	94

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

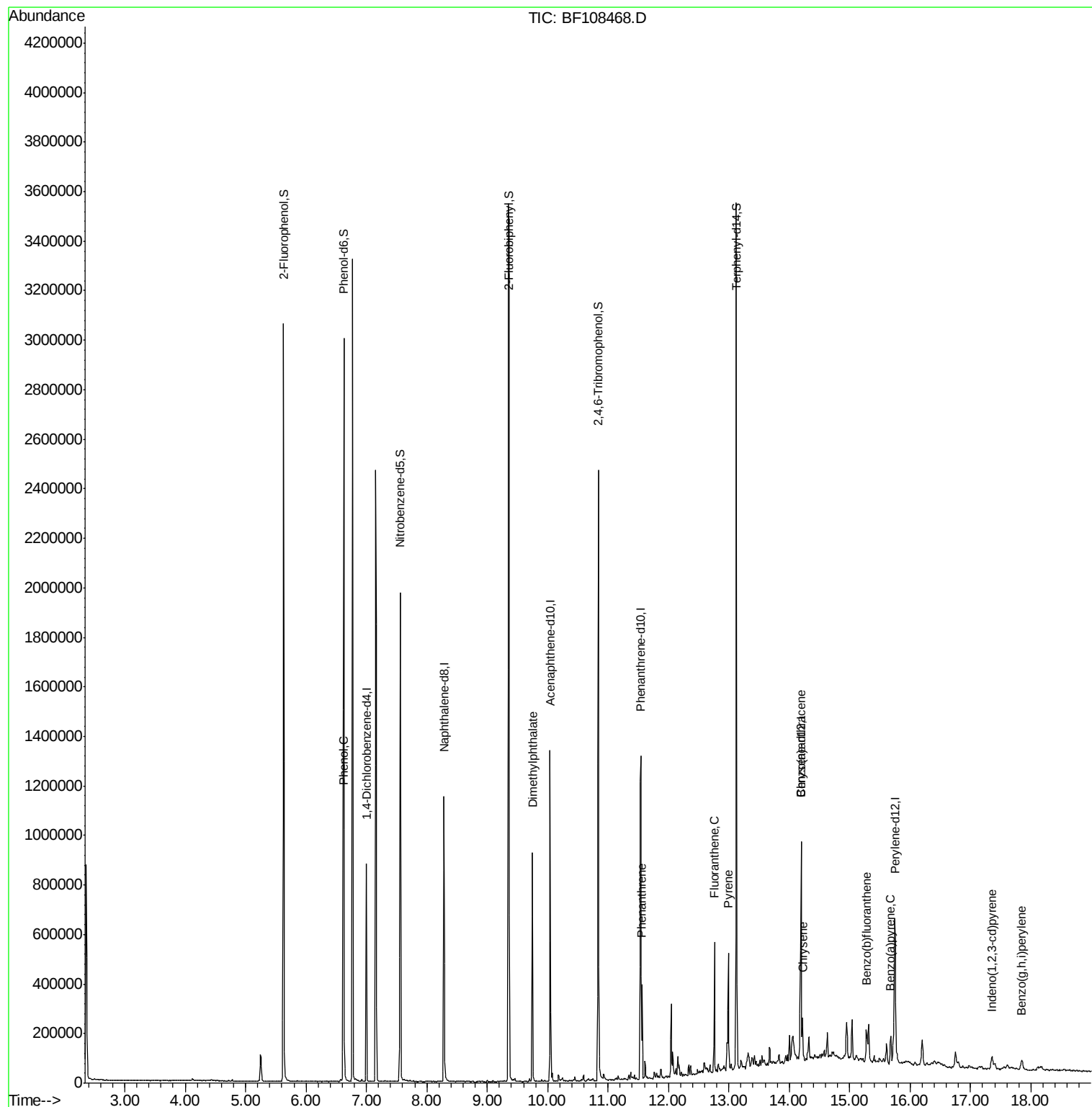
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108468.D
Acq On : 24 Aug 2018 17:32
Operator : JU/SJ
Sample : J4581-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

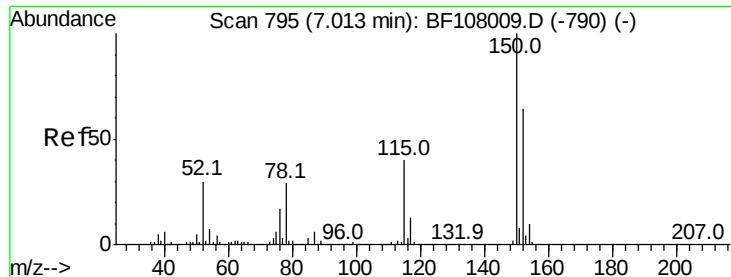
Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A3

Manual Integrations
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#1

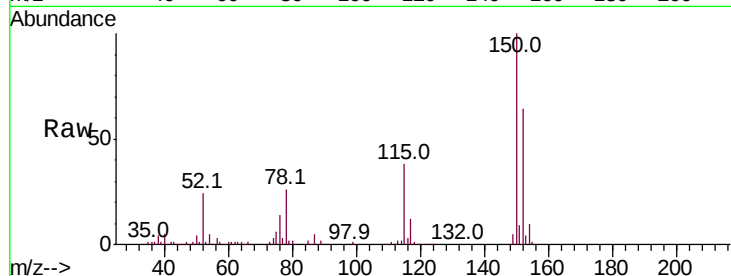
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.6	50.1	75.1

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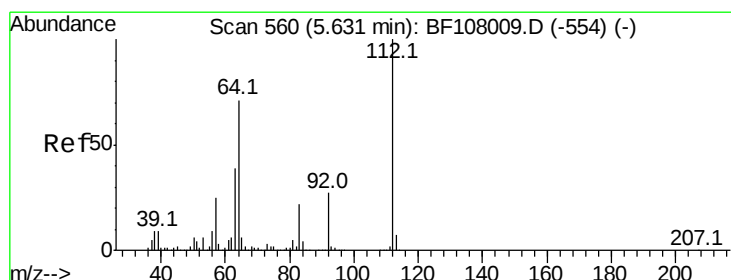
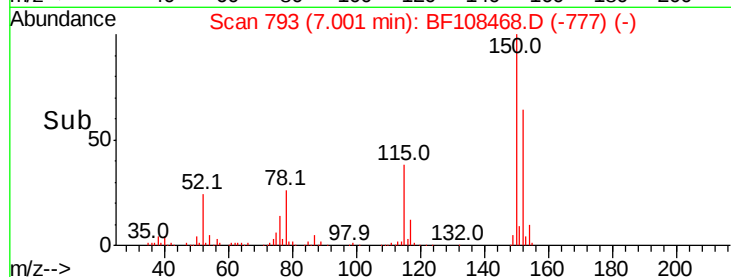
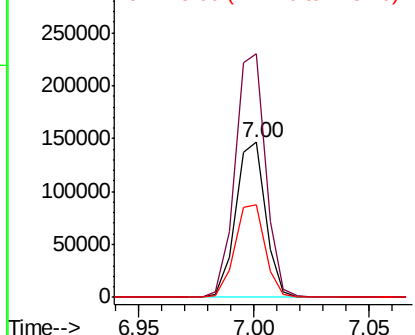


Abundance

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: 102.043 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

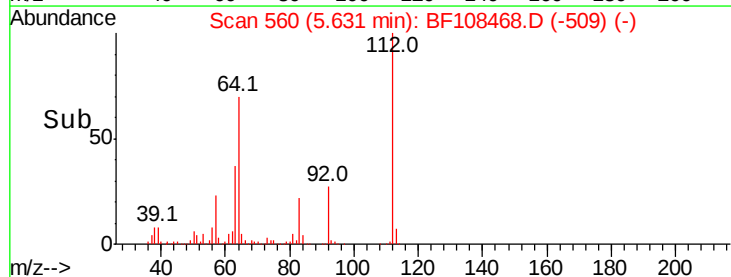
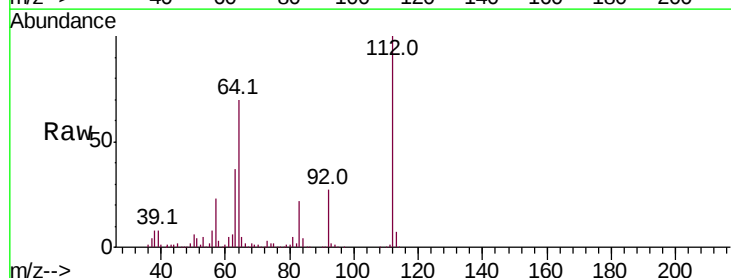
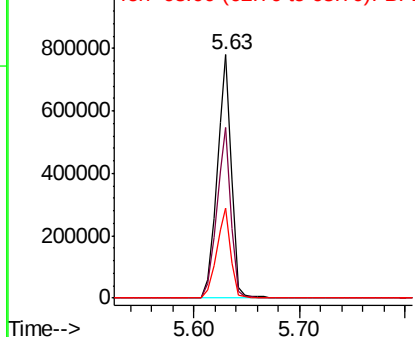
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	47.9	71.9
63	37.1	23.7	35.5

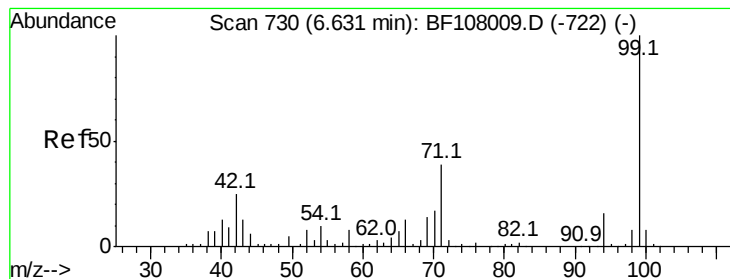
Abundance

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: 105.408 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108468.D

Acq: 24 Aug 2018 17:32

Instrument :

BNA_F

ClientSampled :

EP1-Q3-A3

Tot Ion: 99 Resp: 1023957

Ion Ratio Lower Upper

99 100

42 22.4 14.5 21.7#

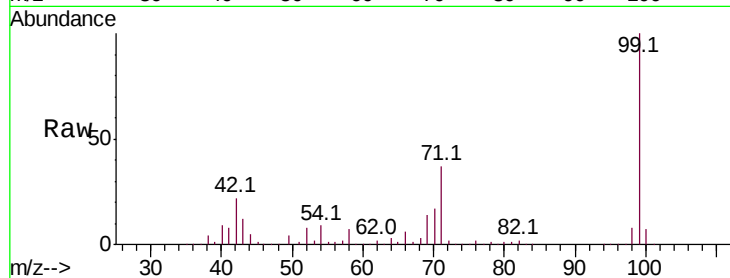
71 37.2 25.4 38.0

Manual Integrations

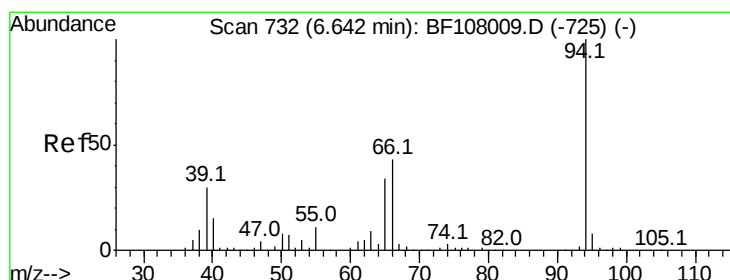
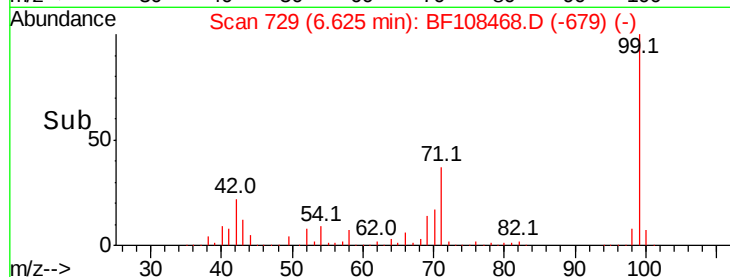
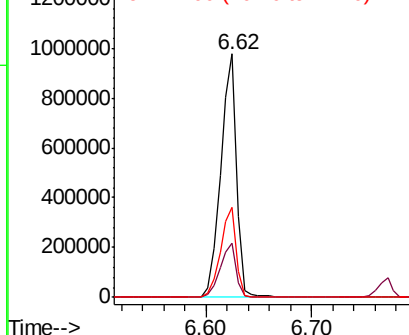
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.108 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108468.D

Acq: 24 Aug 2018 17:32

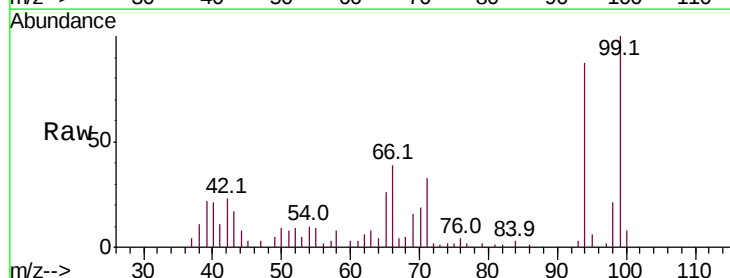
Tgt Ion: 94 Resp: 21186

Ion Ratio Lower Upper

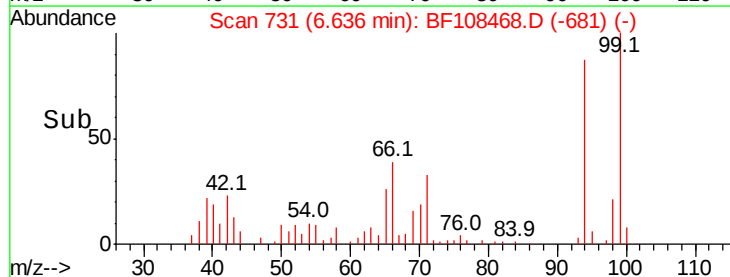
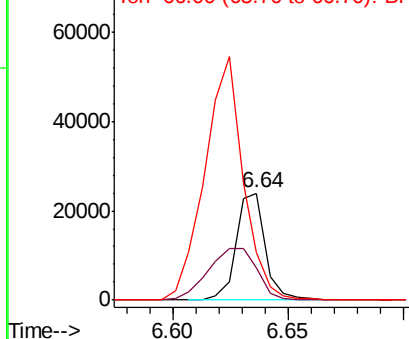
94 100

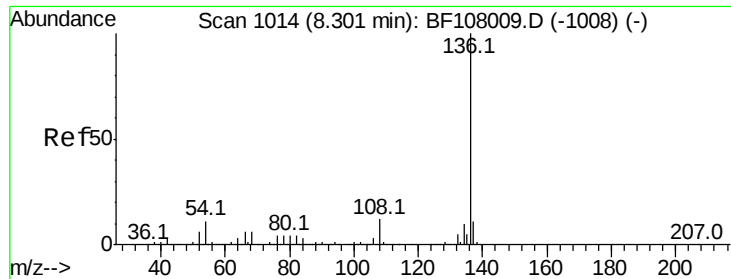
65 30.4 7.9 47.9

66 44.5 16.2 56.2



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





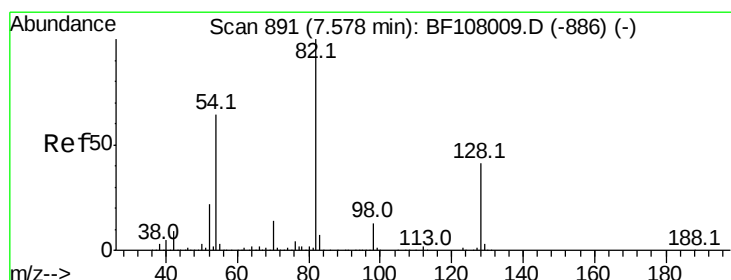
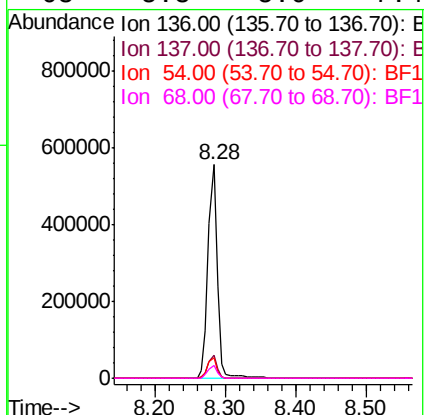
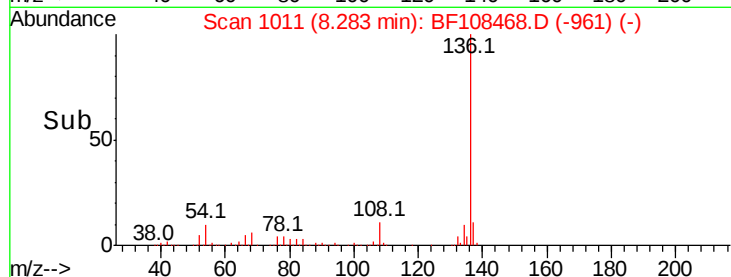
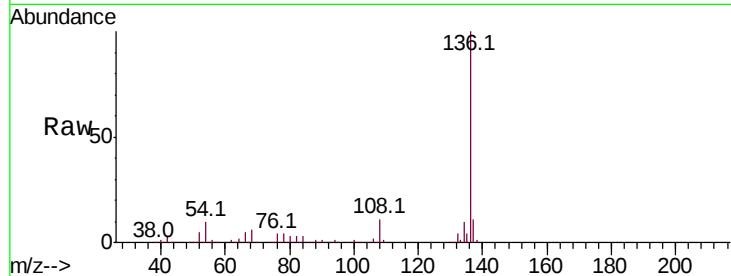
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A3

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	9.7	6.6	9.8	
68	5.8	5.0	7.4	

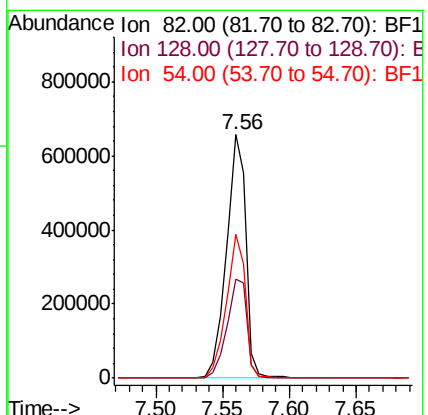
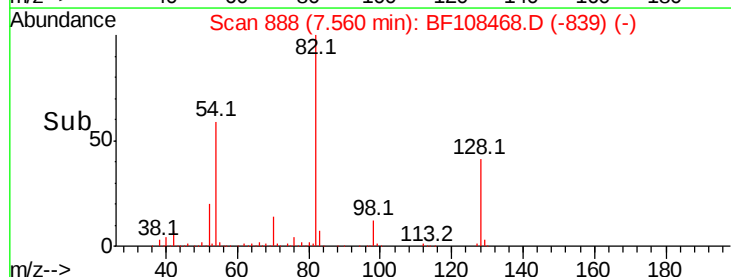
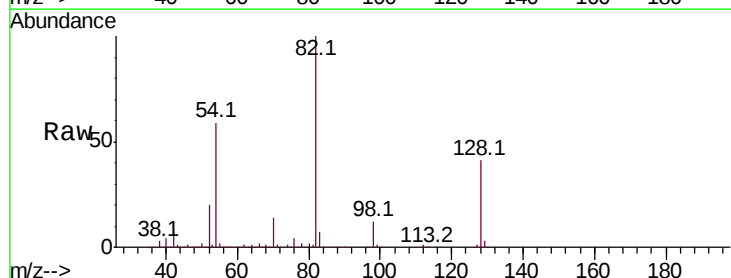
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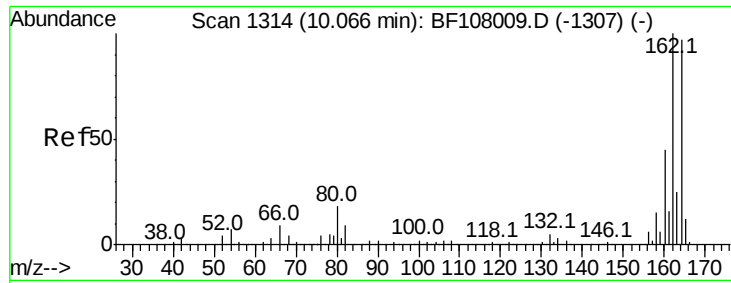
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#23
Nitrobenzene-d5
Concen: 74.277 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.6	36.1	54.1	
54	59.3	41.4	62.2	





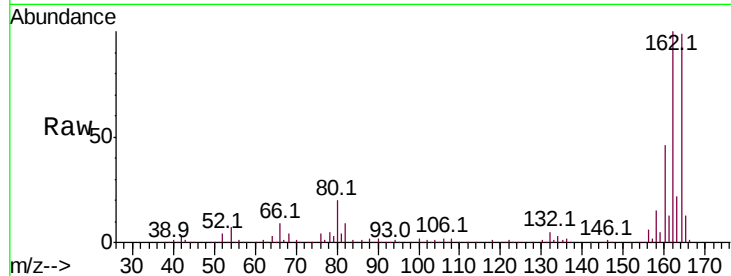
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108468.D
 Acq: 24 Aug 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-A3

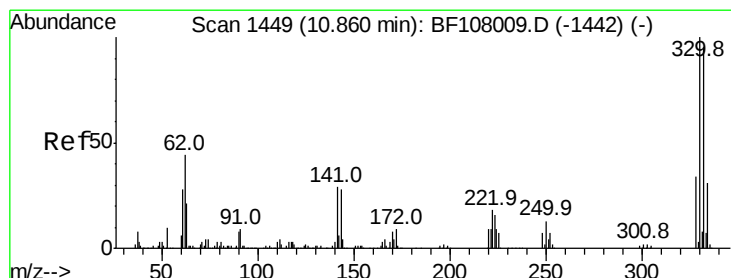
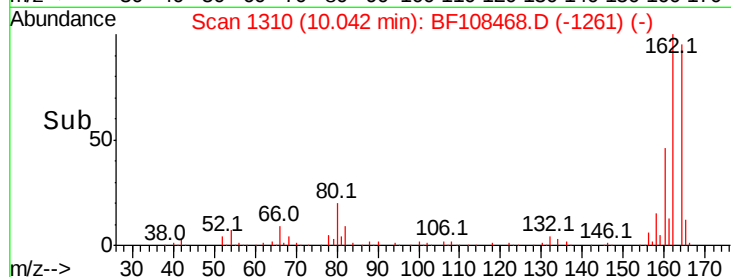
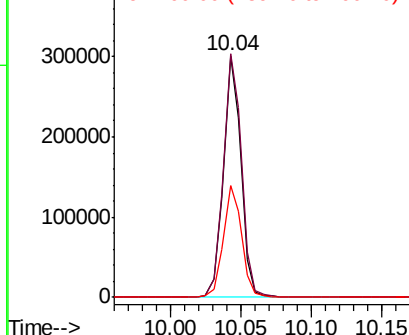
Tot Ion	Ratio	Resp	Lower	Upper
164	100	259139		
162	100.8	86.1	129.1	
160	46.1	38.3	57.5	

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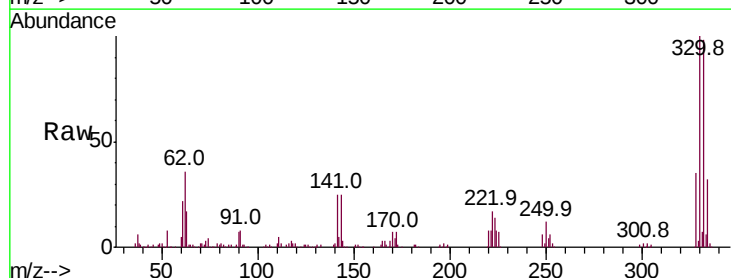


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

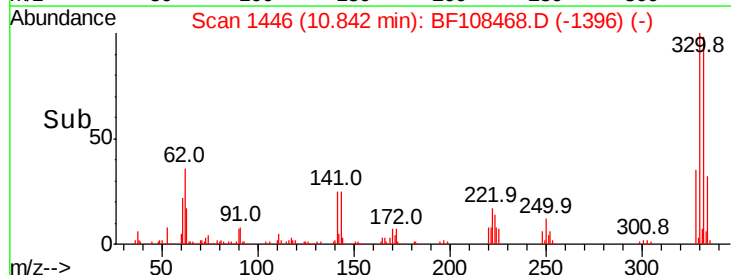
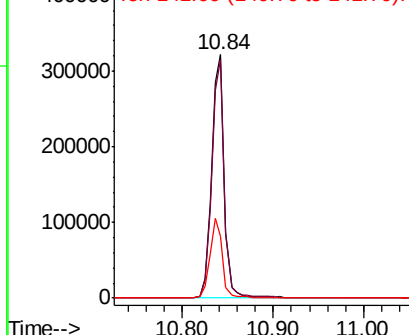


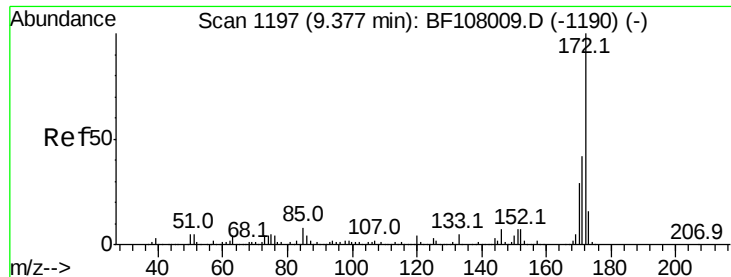
#41
 2,4,6-Tribromophenol
 Concen: 122.145 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108468.D
 Acq: 24 Aug 2018 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	315725		
332	96.7	77.0	115.6	
141	32.6	29.9	44.9	



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: 74.999 ng

RT: 9.36 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF108468.D

Acq: 24 Aug 2018 17:32

Instrument :

BNA_F

ClientSampleId :

EP1-Q3-A3

Tot Ion:172 Resp: 1210560

Ion Ratio Lower Upper

172 100

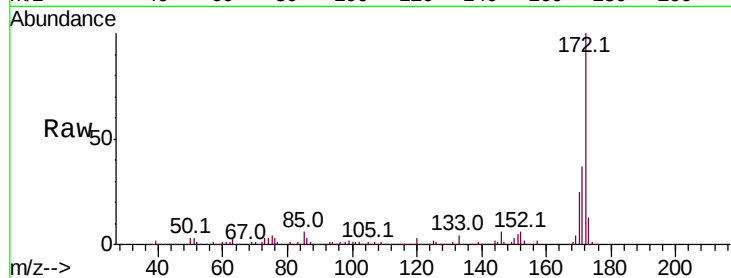
171 37.2 29.7 44.5

170 25.0 19.6 29.4

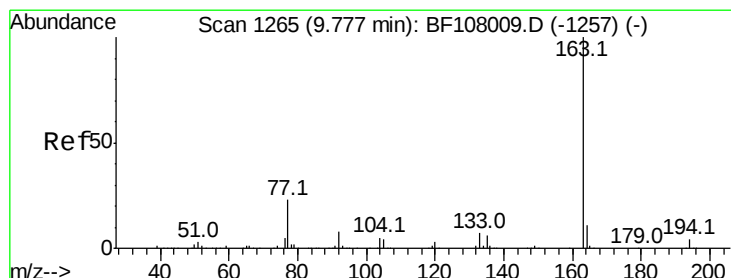
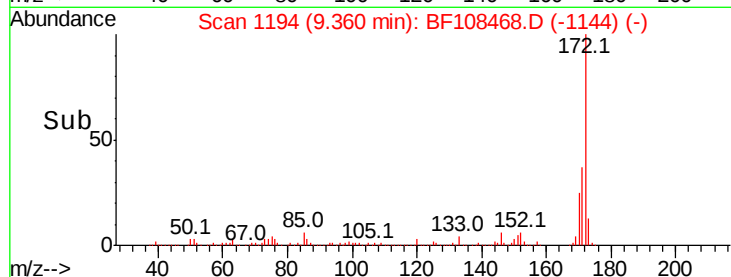
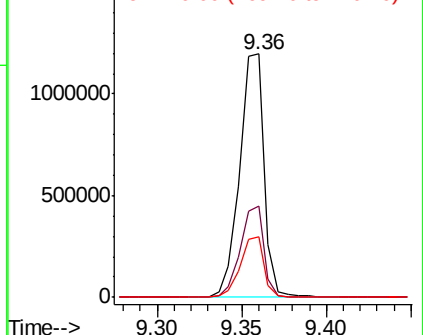
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#49

Dimethylphthalate

Concen: 19.063 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108468.D

Acq: 24 Aug 2018 17:32

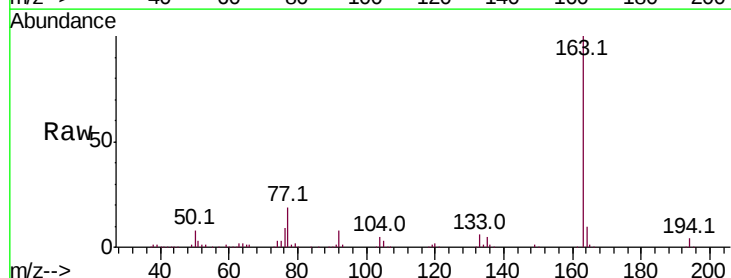
Tgt Ion:163 Resp: 344107

Ion Ratio Lower Upper

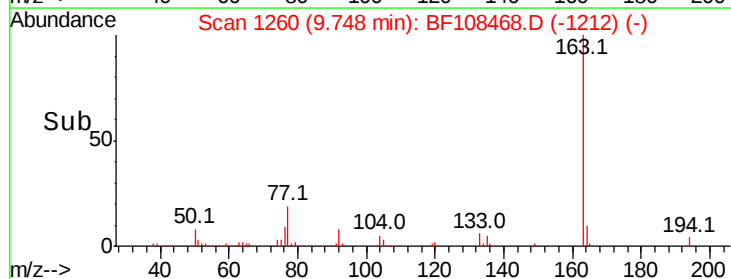
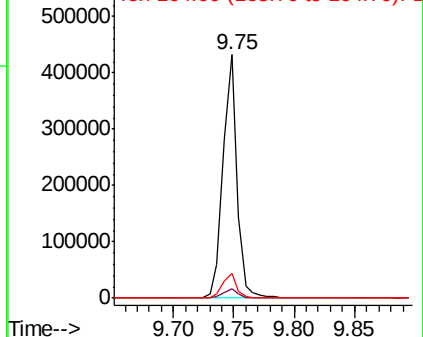
163 100

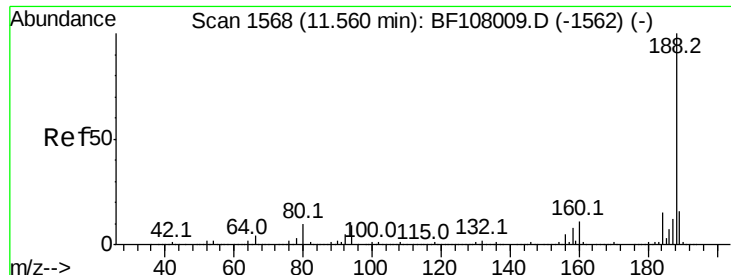
194 4.0 2.7 4.1

164 10.1 8.2 12.2



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





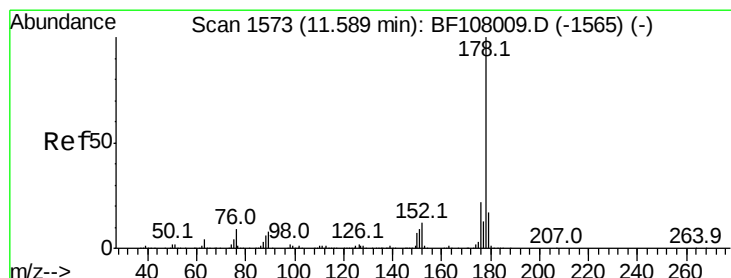
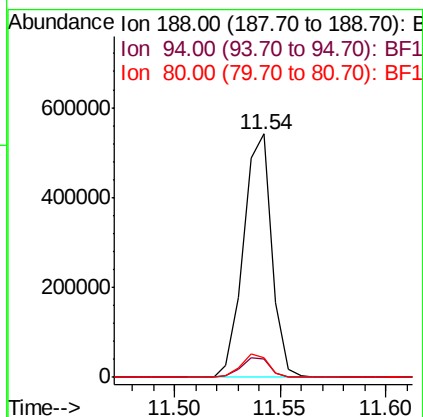
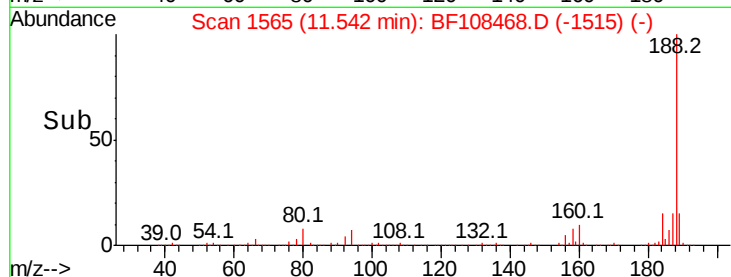
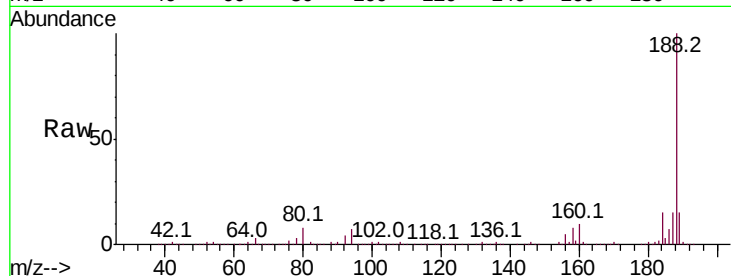
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	8.2	9.2	13.8#

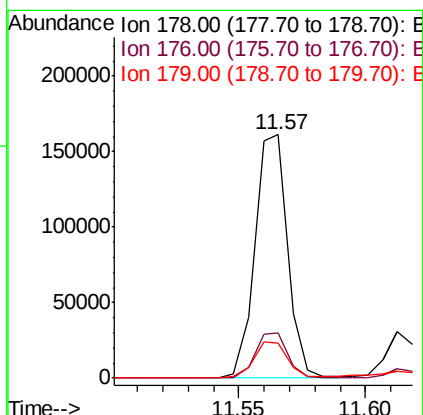
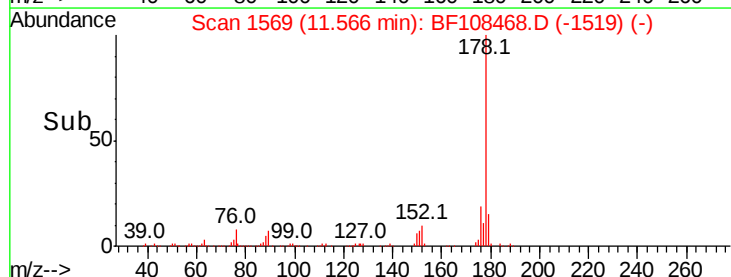
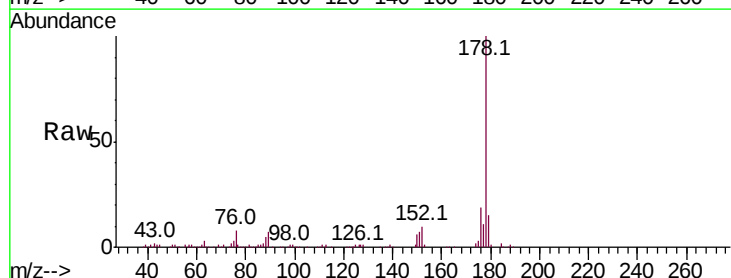
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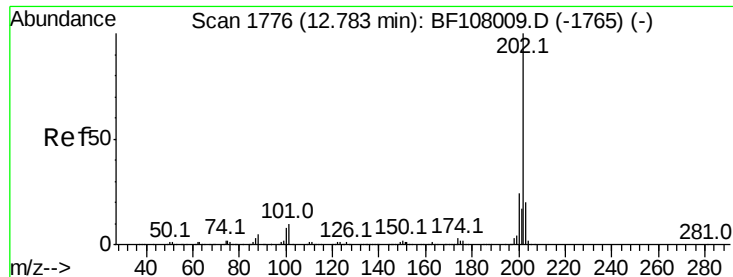
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#70
Phenanthrene
Concen: 6.128 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.7	15.8	23.8
179	14.6	13.0	19.6





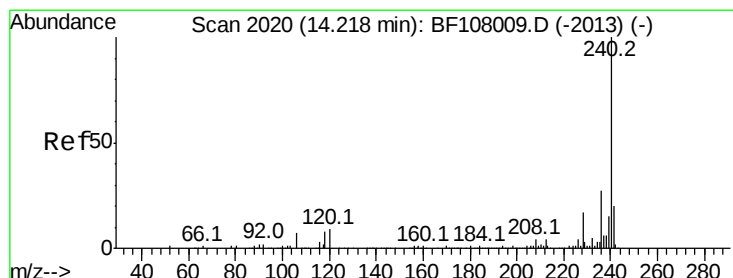
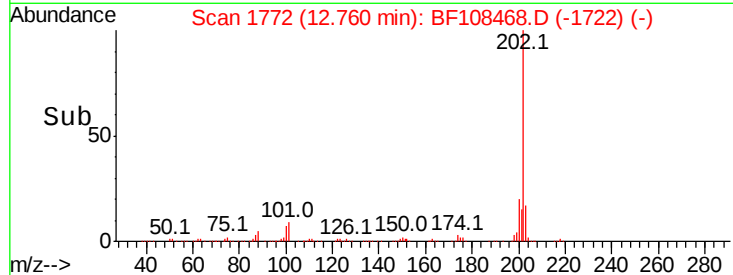
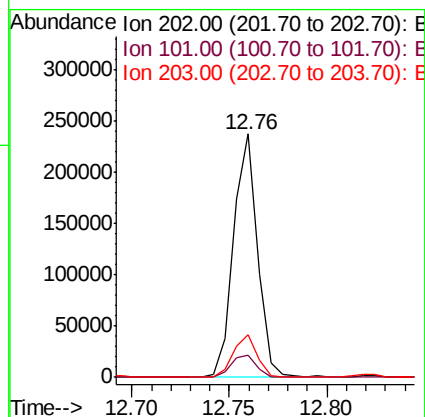
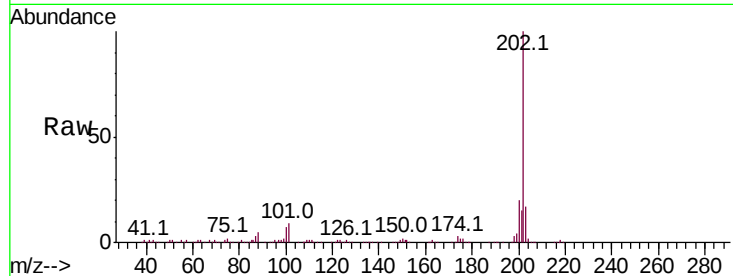
#74
 Fluoranthene
 Concen: 7.809 ng
 RT: 12.76 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF108468.D
 Acq: 24 Aug 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-A3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	0.0	34.1
203	17.3	0.0	38.1

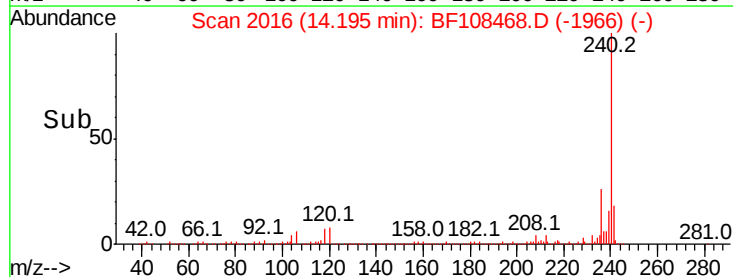
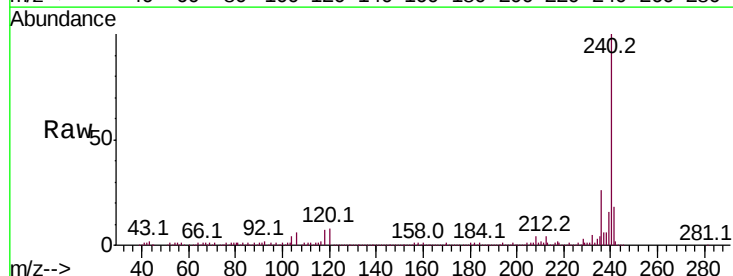
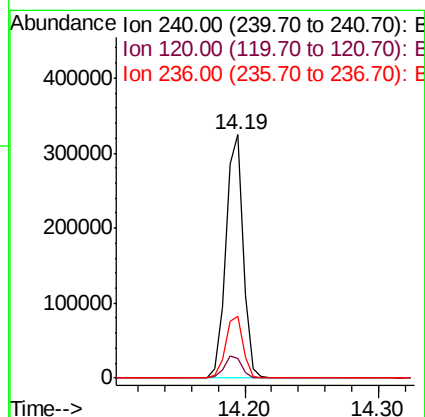
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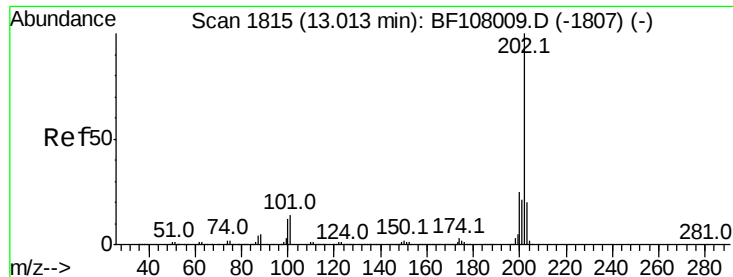
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108468.D
 Acq: 24 Aug 2018 17:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	25.5	20.7	31.1





#77

Pvrene

Concen: 9.462 ng

RT: 12.99 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF108468.D

Acq: 24 Aug 2018 17:32

Instrument :

BNA_F

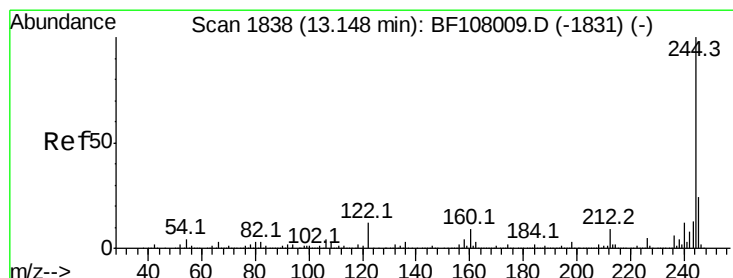
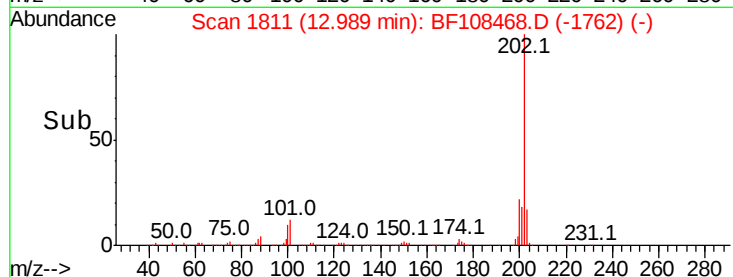
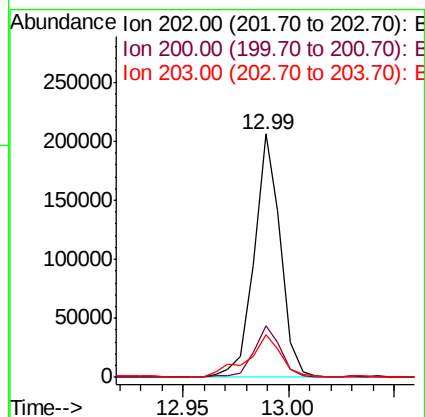
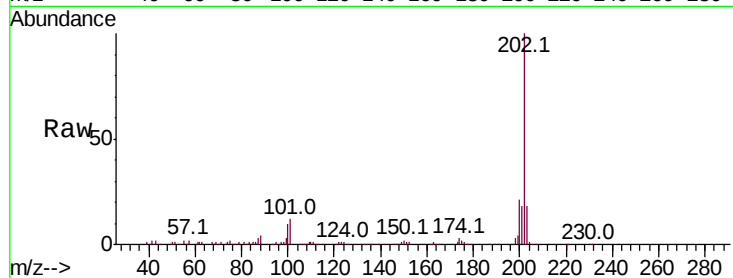
ClientSampled :

EP1-Q3-A3

Tot Ion:	202	Resp:	179208
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 101.828 ng

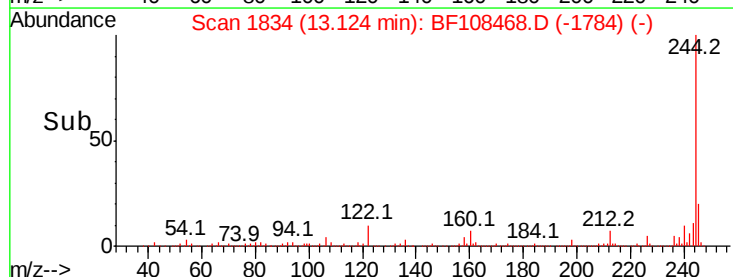
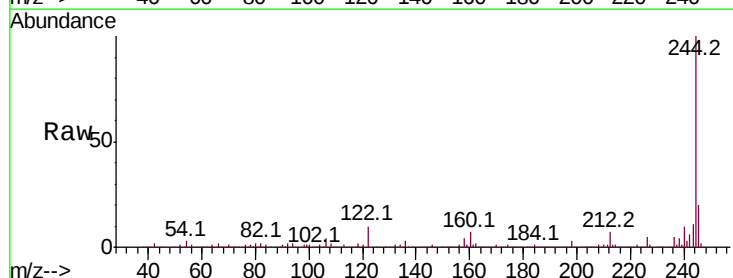
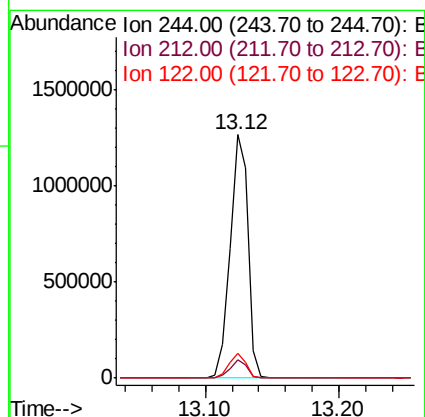
RT: 13.12 min Scan# 1834

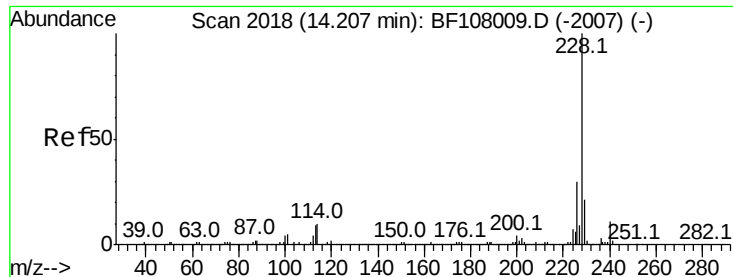
Delta R.T. -0.01 min

Lab File: BF108468.D

Acq: 24 Aug 2018 17:32

Tgt Ion:	244	Resp:	1198157
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	10.4	11.0	16.4#





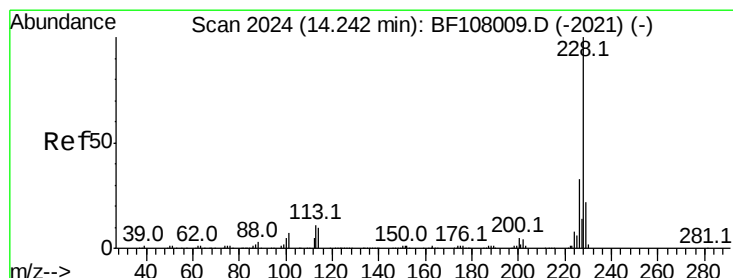
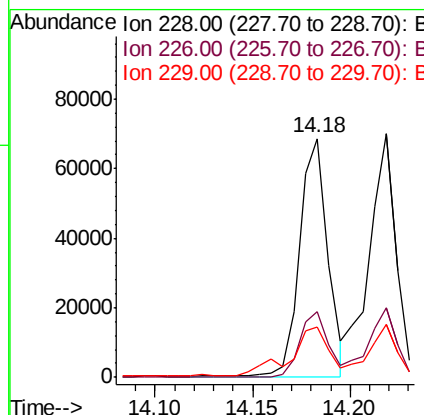
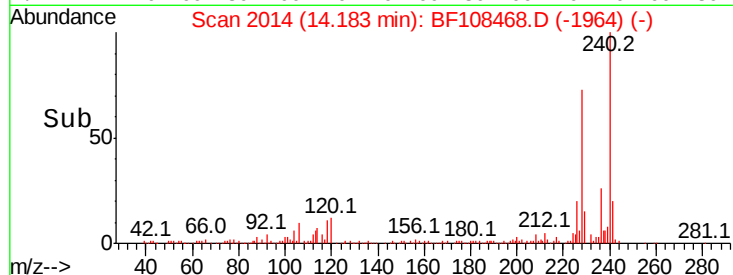
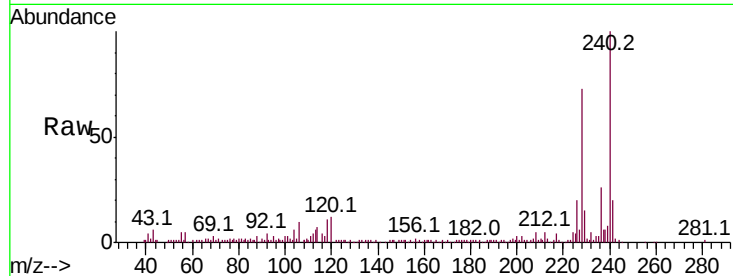
#80
Benzo(a)anthracene
Concen: 4.042 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A3

Tot Ion:228	Resp:	69404
Ion Ratio	Lower	Upper
228 100		
226 27.5	22.6	33.8
229 21.0	15.8	23.6

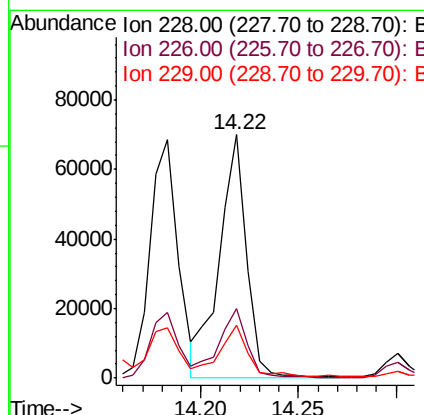
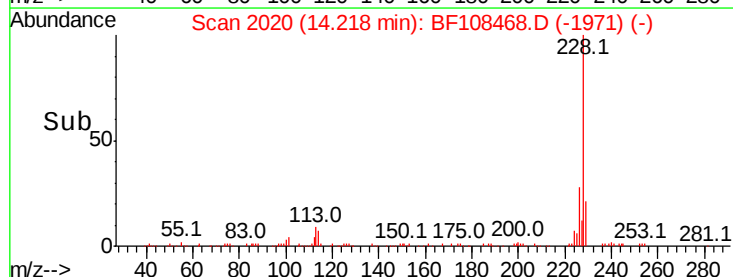
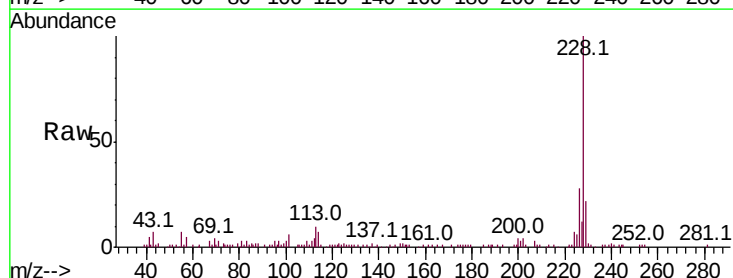
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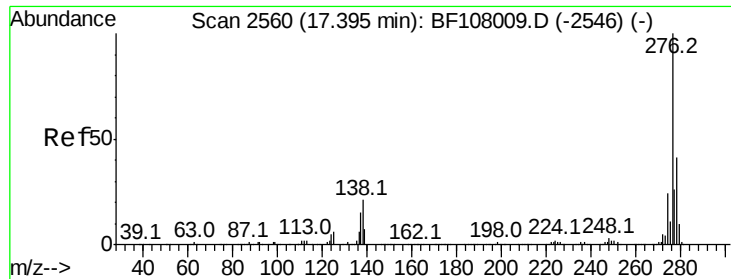
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#82
Chrysene
Concen: 4.334 ng
RT: 14.22 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion:228	Resp:	68213
Ion Ratio	Lower	Upper
228 100		
226 28.3	25.0	37.6
229 21.8	16.2	24.4





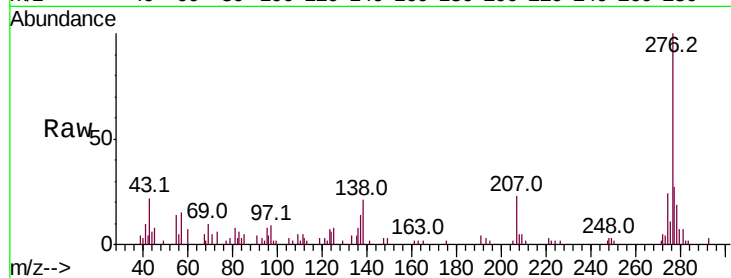
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.814 ng
 RT: 17.35 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BF108468.D
 Acq: 24 Aug 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-A3

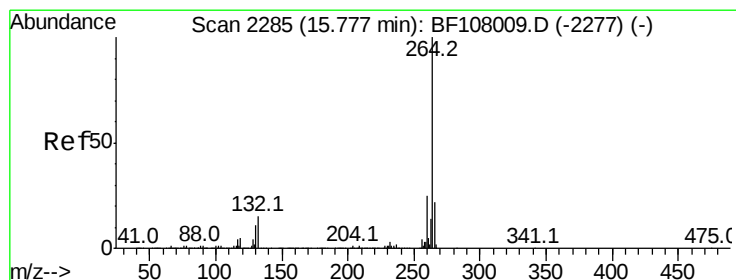
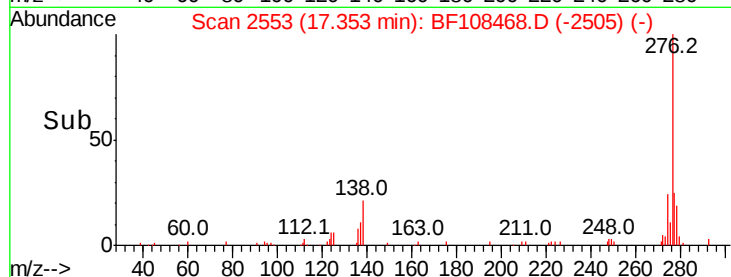
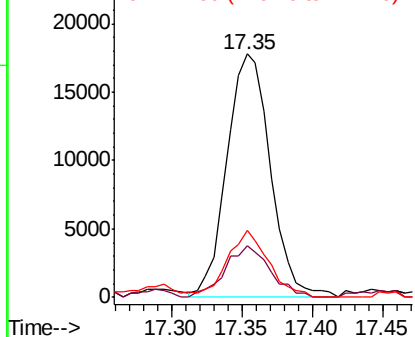
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.8	25.0	37.6#
277	25.8	20.1	30.1

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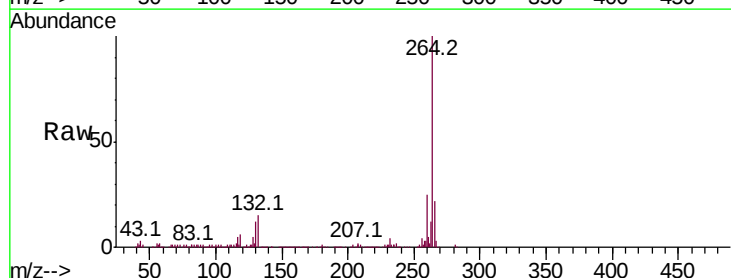


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

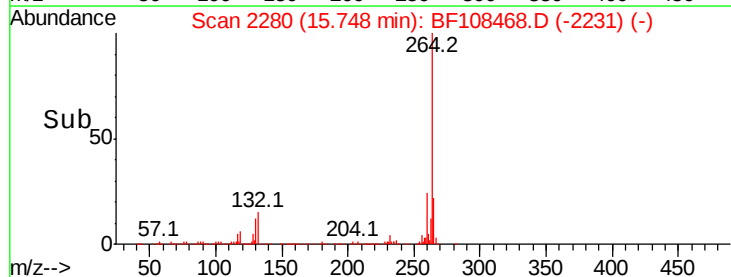
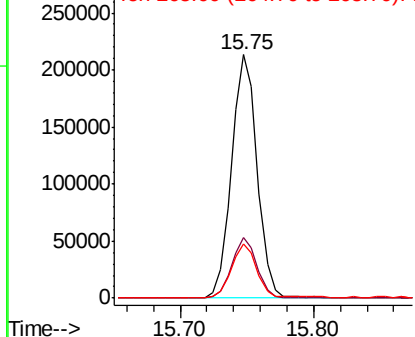


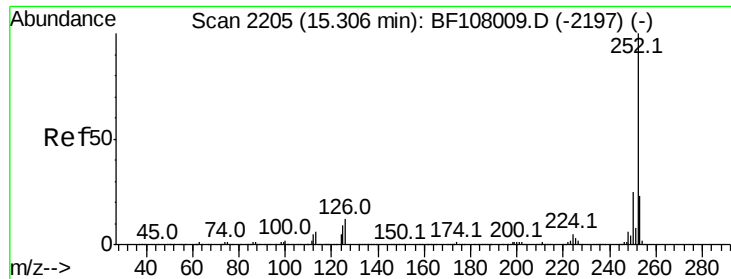
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108468.D
 Acq: 24 Aug 2018 17:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.3	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





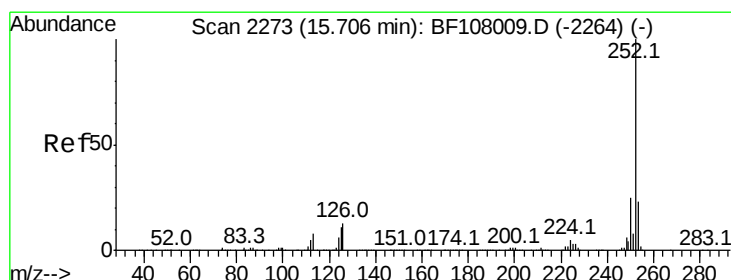
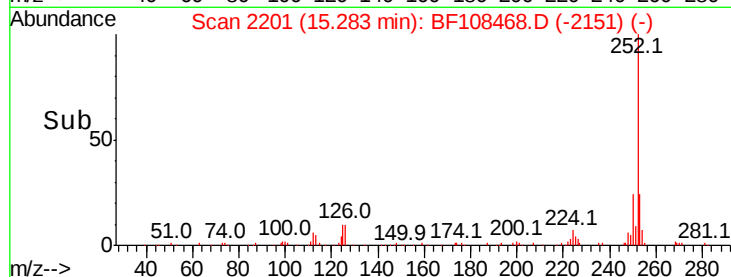
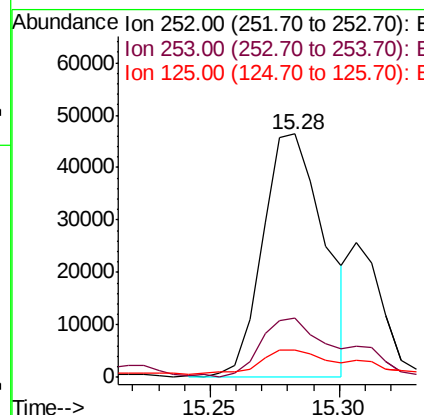
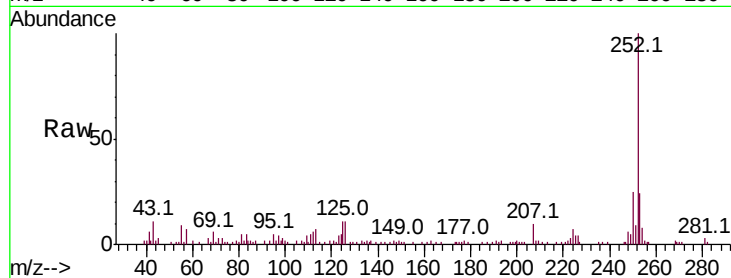
#87
Benzo(b)fluoranthene
Concen: 4.526 ng m
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-A3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	11.1	9.0	13.6

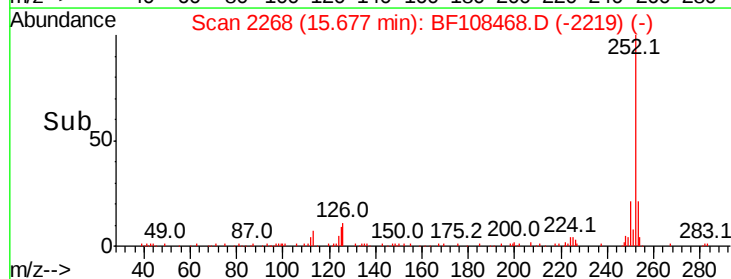
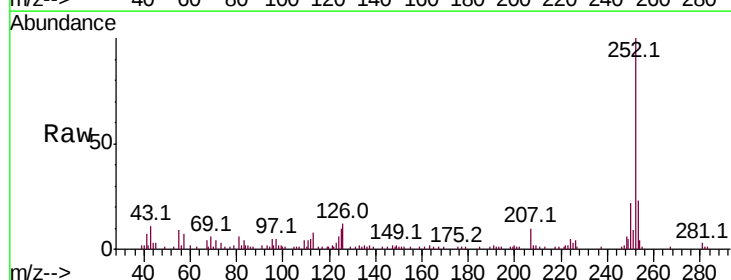
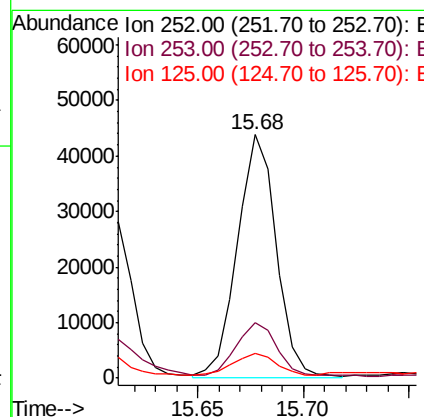
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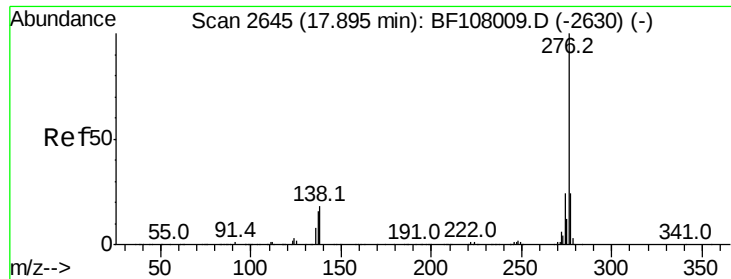
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#89
Benzo(a)pyrene
Concen: 3.672 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108468.D
Acq: 24 Aug 2018 17:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	10.4	9.8	14.6





#91
 Benzo(a,h,i)perylene
 Concen: 2.985 ng
 RT: 17.85 min Scan# 2637
 Delta R.T. -0.02 min
 Lab File: BF108468.D
 Acq: 24 Aug 2018 17:32

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-A3

Tot Ion:	276	Resp:	37245
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.9	26.9
138	22.6	21.8	32.8

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