

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108742.D
 Acq On : 4 Sep 2018 15:53
 Operator : JU/SJ
 Sample : J4720-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Manual Integrations
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Sohil
 9/5/2018 12:47:29 PM

Quant Time: Sep 05 10:20:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	72247	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	297336	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	138561	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	283204	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	226313	20.00	ng	-0.01
86) Perylene-d12	15.75	264	171488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	201305	48.40	ng	-0.02
7) Phenol-d6	6.62	99	374127	62.81	ng	-0.02
23) Nitrobenzene-d5	7.56	82	262667	44.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	110689	60.51	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	522540	50.71	ng	-0.02
78) Terphenyl-d14	13.11	244	571965	49.10	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.74	163	166398	15.250	ng	Qvalue # 98
70) Phenanthrene	11.55	178	338489m	23.679	ng	
71) Anthracene	11.60	178	46881m	3.121	ng	
72) Carbazole	11.79	167	38261	2.634	ng	# 96
74) Fluoranthene	12.75	202	480445	29.859	ng	94
77) Pyrene	12.98	202	379004	22.278	ng	98
79) Butylbenzylphthalate	13.58	149	16952	2.370	ng	# 83
80) Benzo(a)anthracene	14.18	228	104086	7.544	ng	96
82) Chrysene	14.22	228	152169	11.469	ng	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	70686	7.687	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.37	276	64949	7.040	ng	# 83
87) Benzo(b)fluoranthene	15.28	252	158297m	15.027	ng	
88) Benzo(k)fluoranthene	15.31	252	71915m	6.891	ng	
89) Benzo(a)pyrene	15.68	252	98817	10.380	ng	98
91) Benzo(a,h,i)perylene	17.85	276	61130	8.272	ng	# 84

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

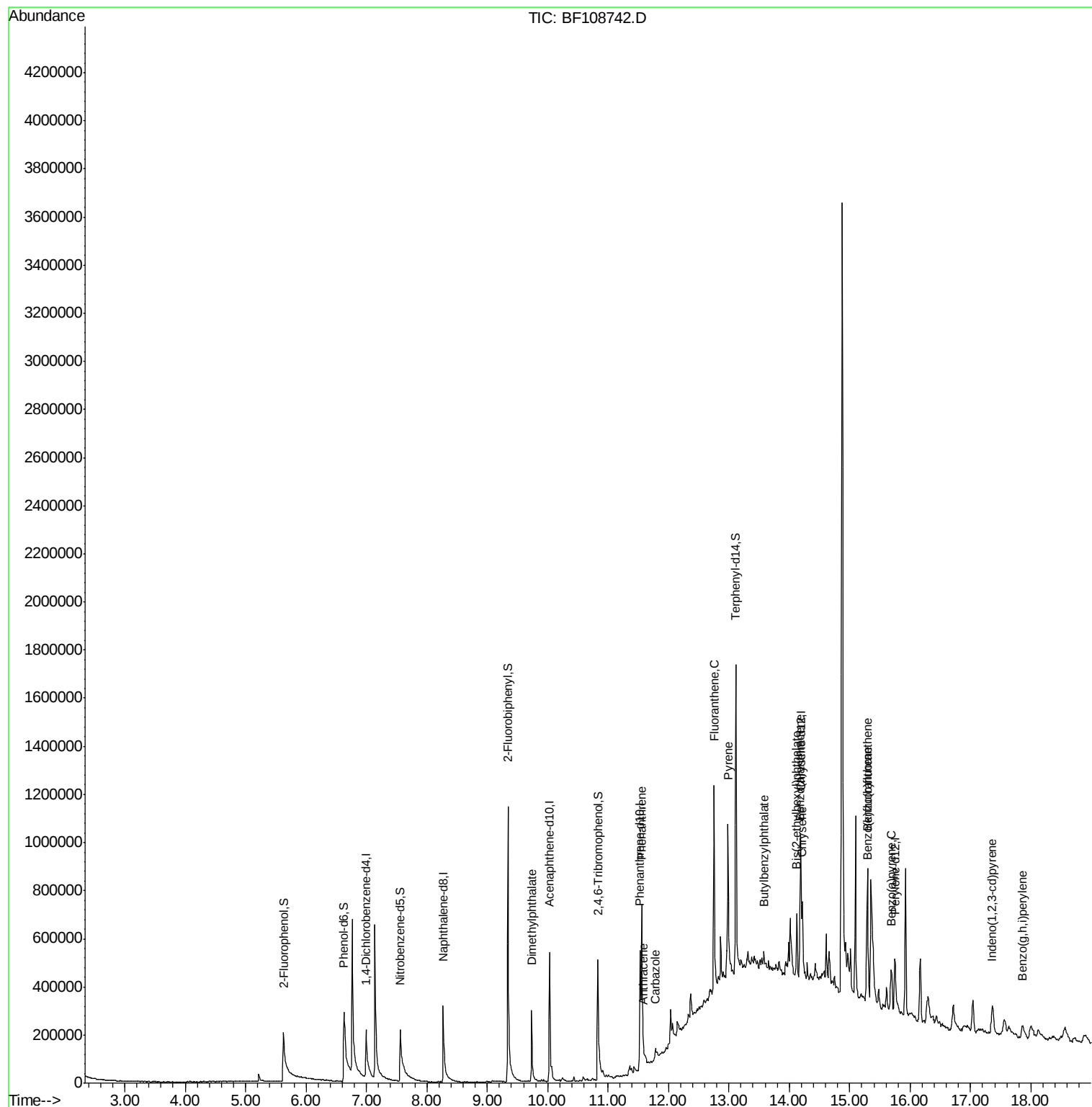
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
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ALS Vial : 10 Sample Multiplier: 1

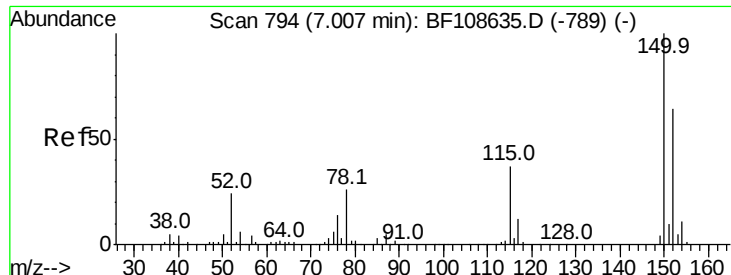
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

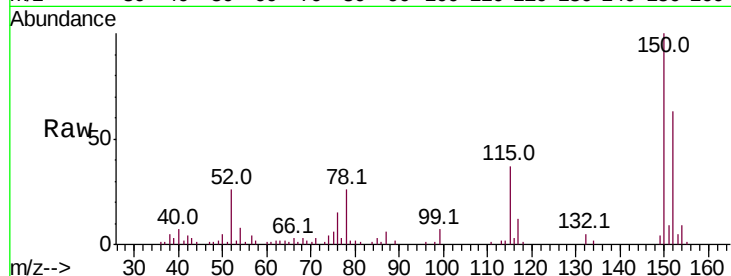
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	59.2	50.1	75.1

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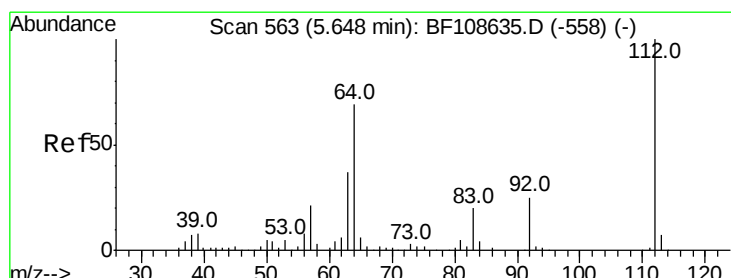
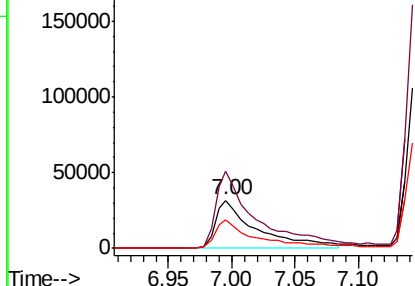
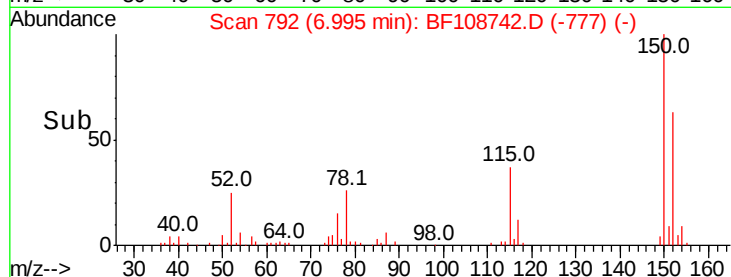


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

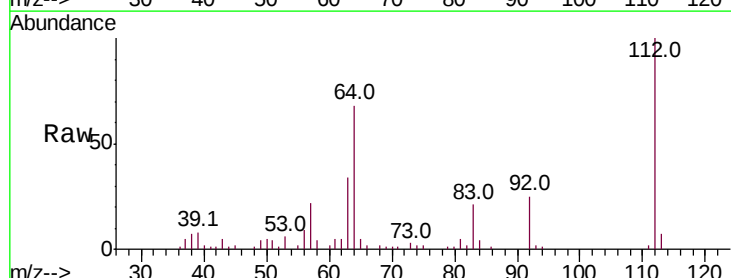
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.404 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	34.0	23.7	35.5

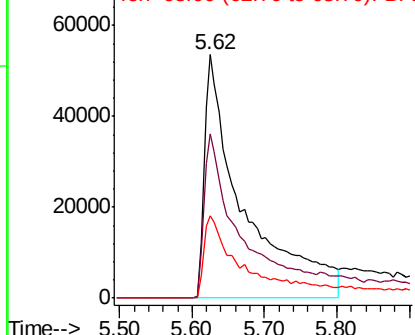
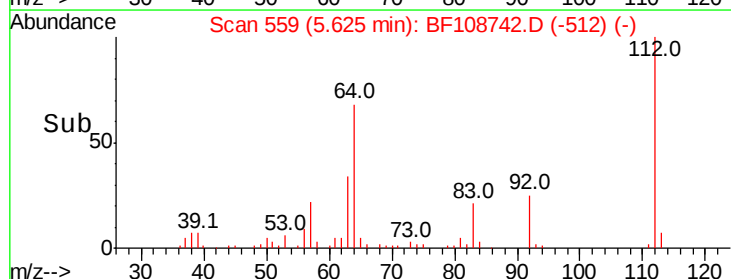


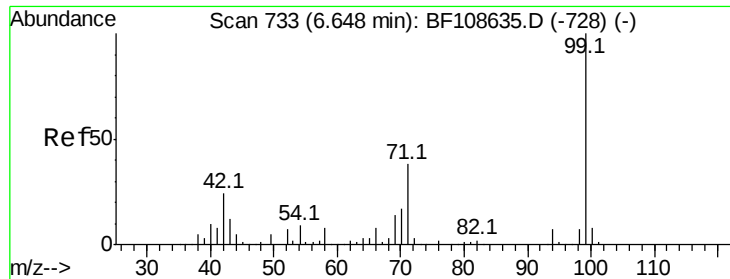
Abundance

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: 62.810 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

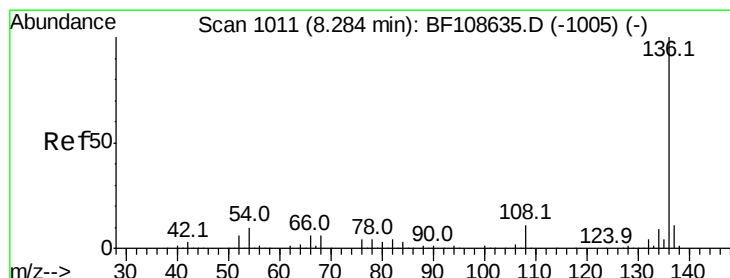
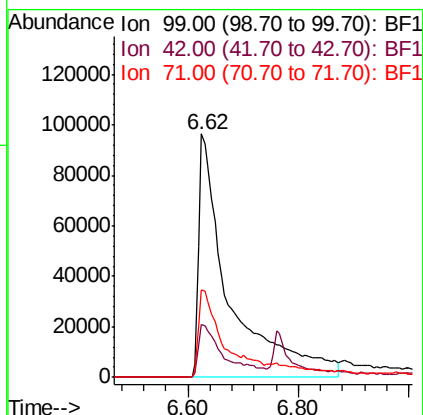
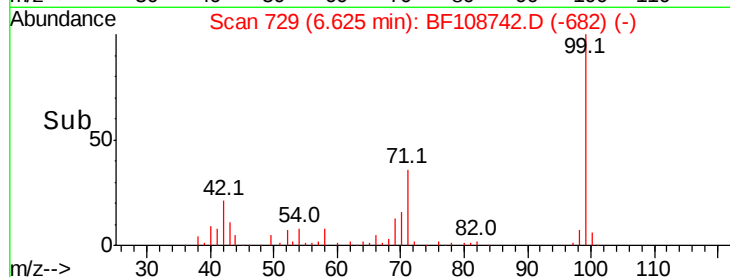
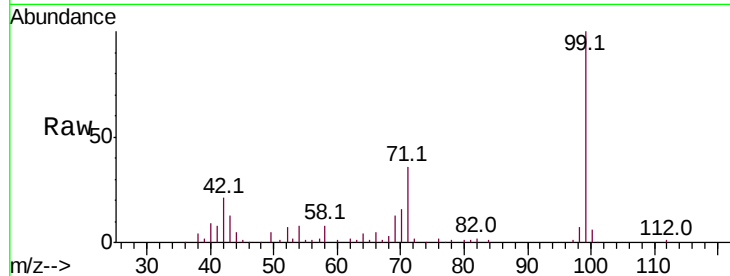
ClientSampleId :

BZTRANS-5

Tot Ion:	99	Resp:	374127
Ion Ratio	Lower	Upper	
99	100		
42	21.5	14.5	21.7
71	36.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

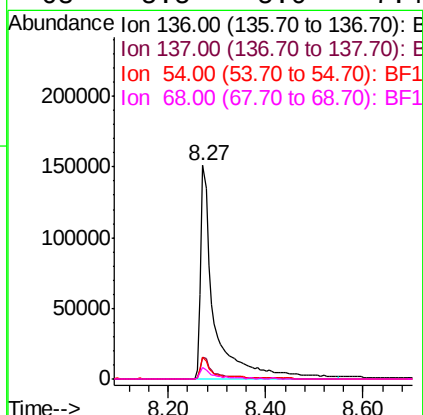
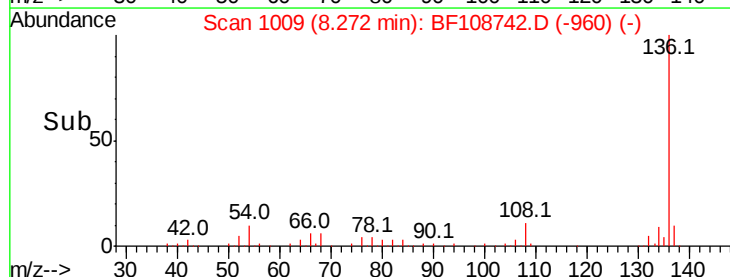
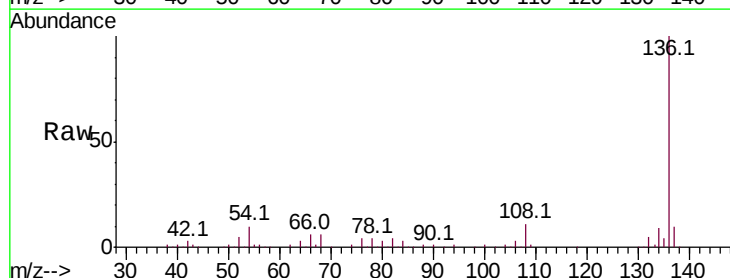
RT: 8.27 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Tgt Ion:	136	Resp:	297336
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.9	13.3
54	10.4	6.6	9.8#
68	5.5	5.0	7.4





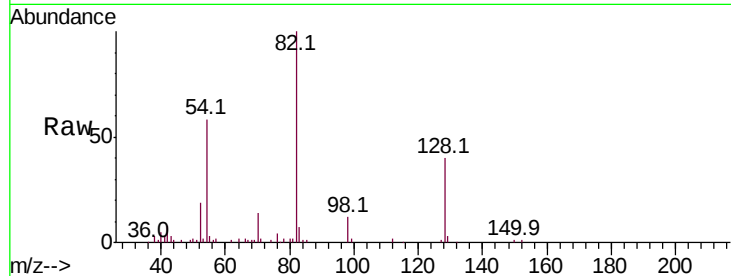
#23
 Nitrobenzene-d5
 Concen: 44.840 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108742.D
 Acq: 4 Sep 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.1	54.1
54	57.6	41.4	62.2

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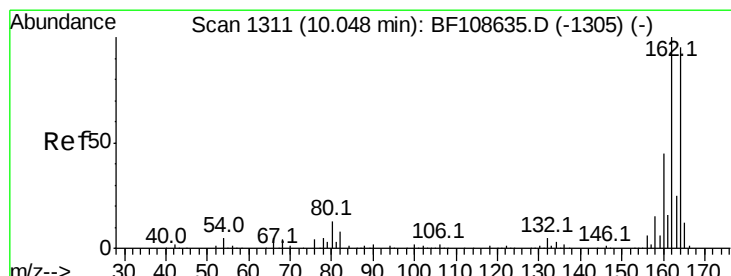
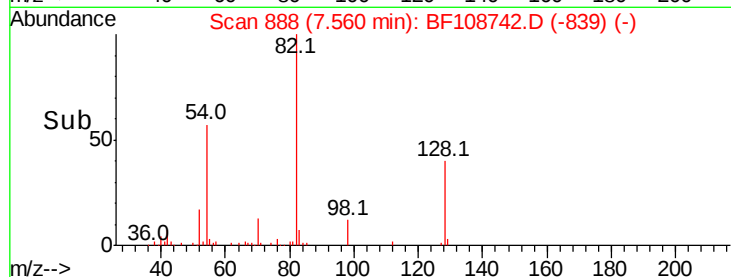
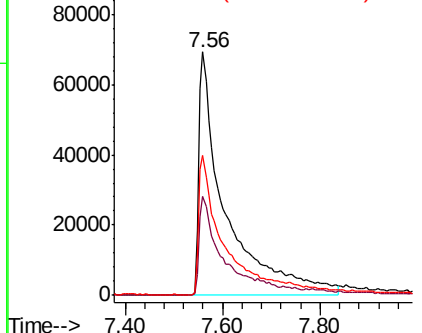


Abundance

Ion 82.00 (81.70 to 82.70): BF1

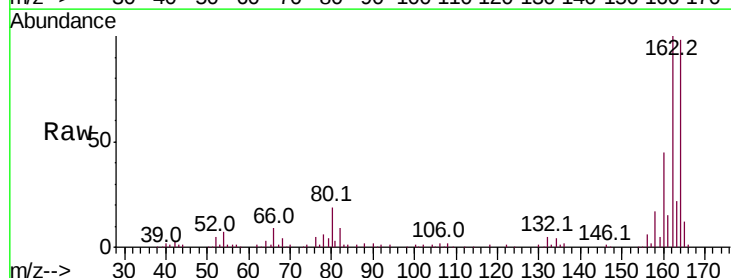
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108742.D
 Acq: 4 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	86.1	129.1
160	46.1	38.3	57.5

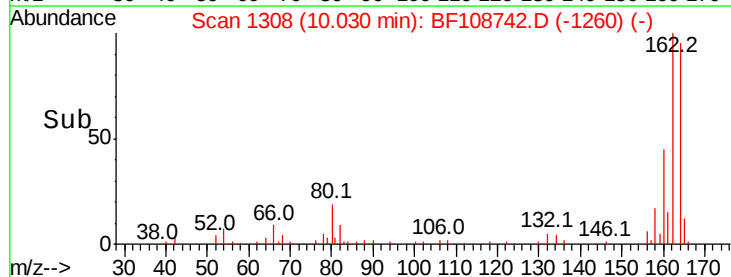
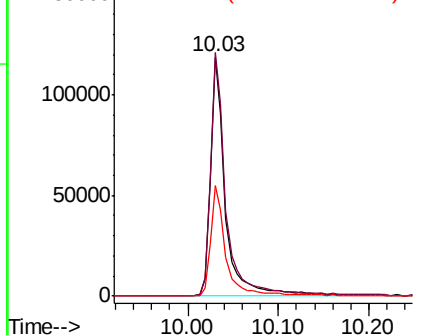


Abundance

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





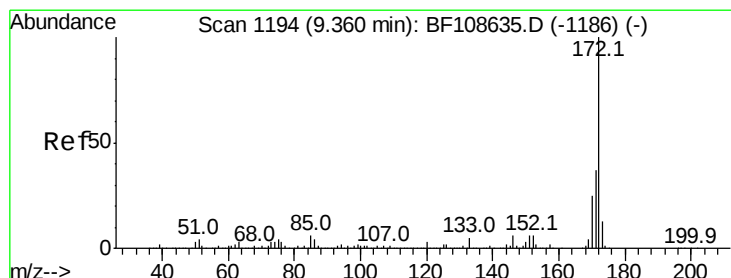
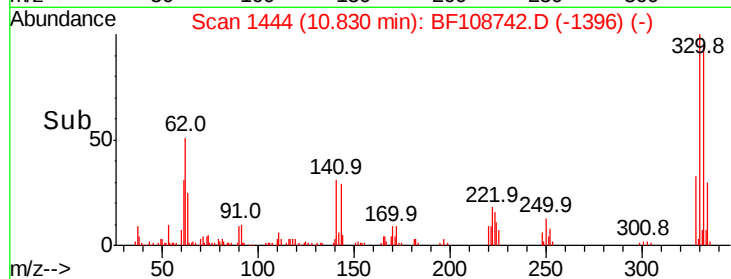
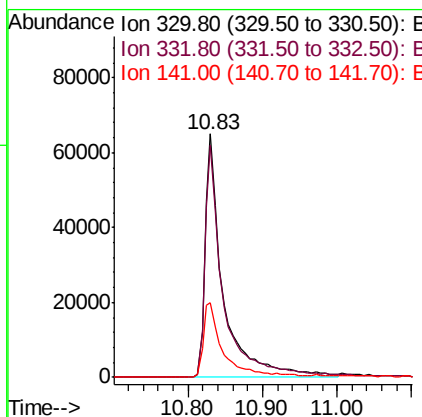
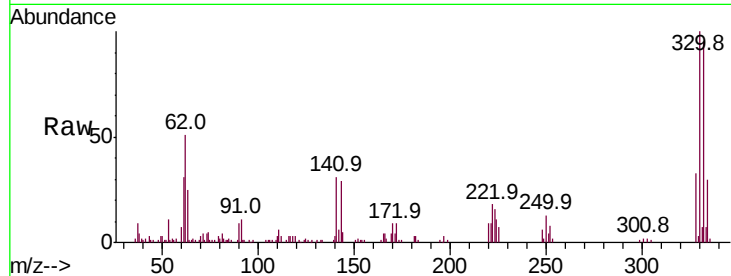
#41
 2,4,6-Tribromophenol
 Concen: 60.513 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF108742.D
 Acq: 4 Sep 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	77.0	115.6	
141	34.9	29.9	44.9	

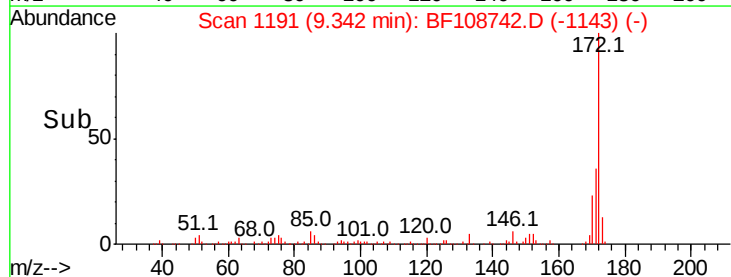
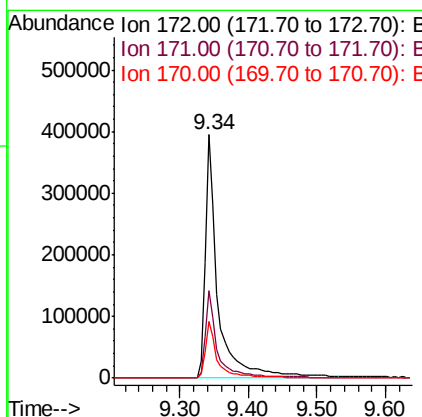
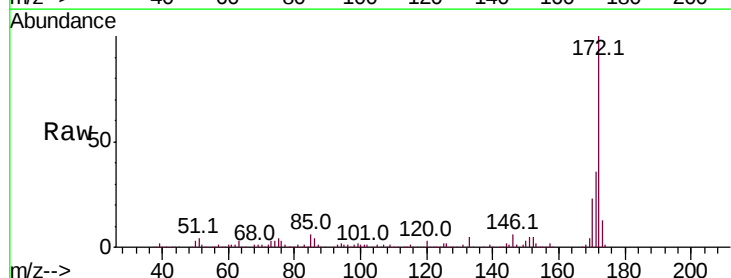
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#44
 2-Fluorobiphenyl
 Concen: 50.707 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108742.D
 Acq: 4 Sep 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	29.7	44.5	
170	23.4	19.6	29.4	





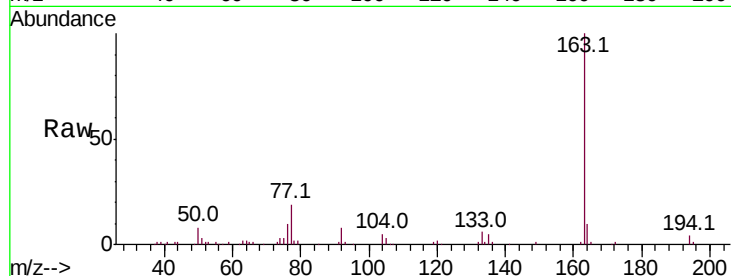
#49
Dimethylphthalate
Concen: 15.250 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

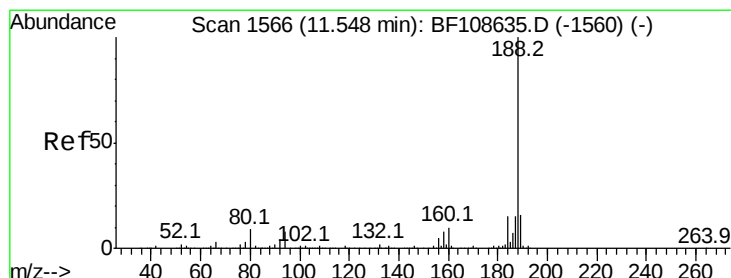
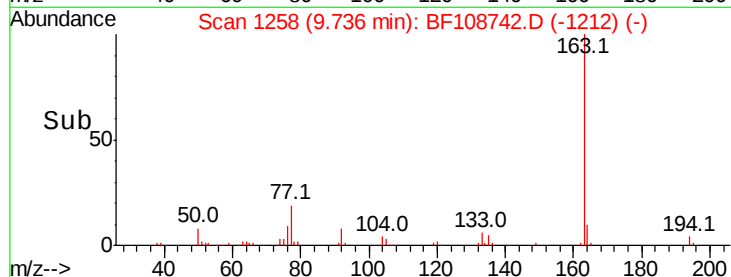
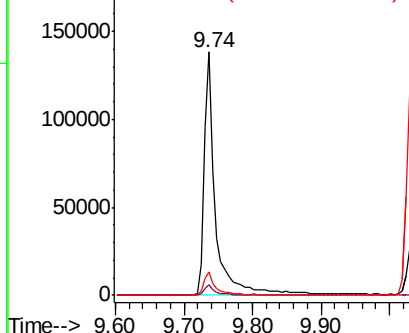
Tot Ion	Ratio	Resp	Lower	Upper
163	100	166398		
194	4.5	2.7	4.1#	
164	9.8	8.2	12.2	

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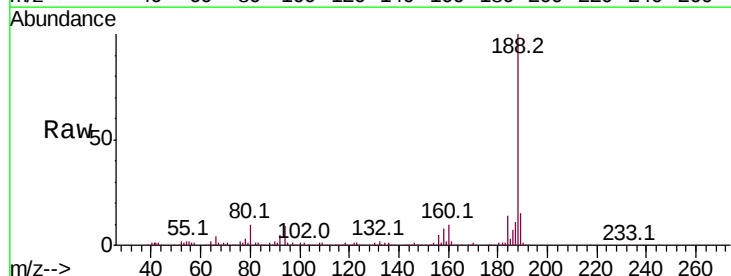


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

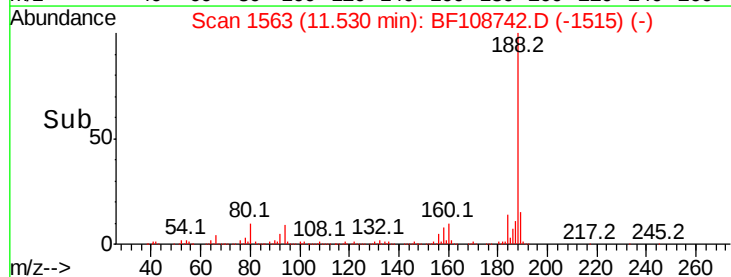
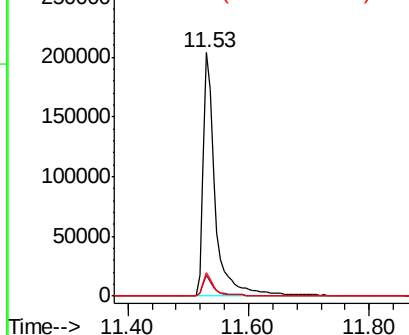


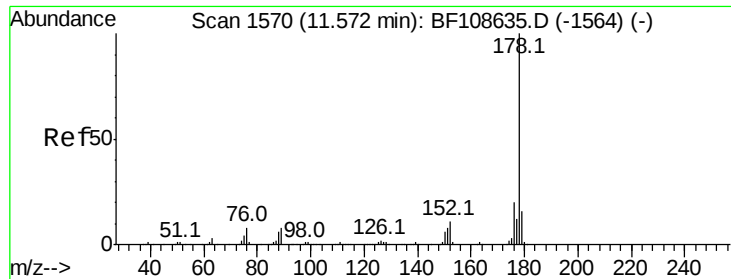
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	283204		
94	8.6	8.5	12.7	
80	9.5	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: 23.679 ng m

RT: 11.55 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

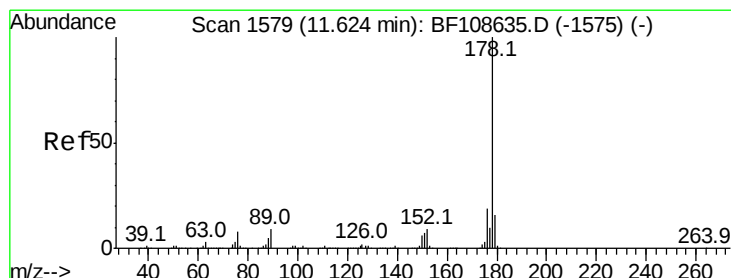
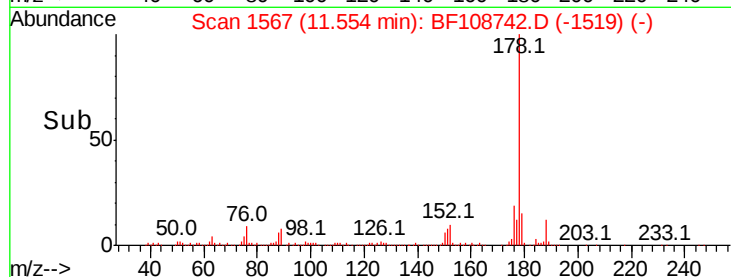
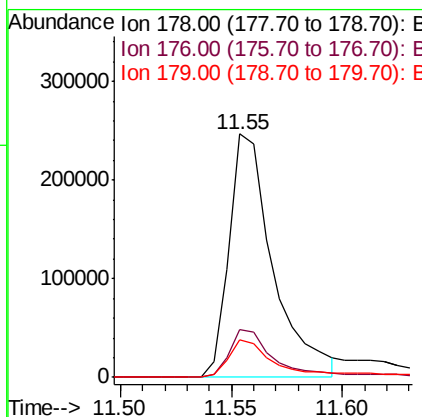
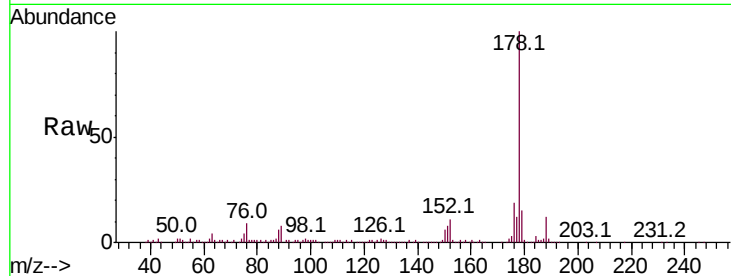
ClientSampleId :

BZTRANS-5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

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#71

Anthracene

Concen: 3.121 ng m

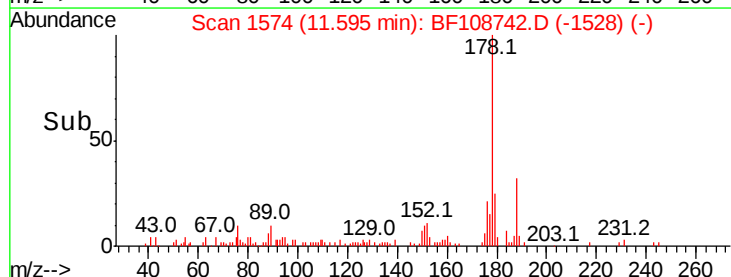
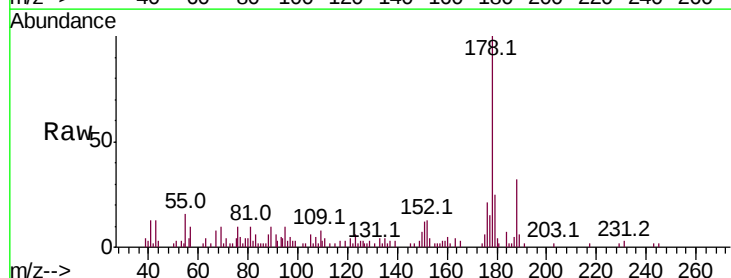
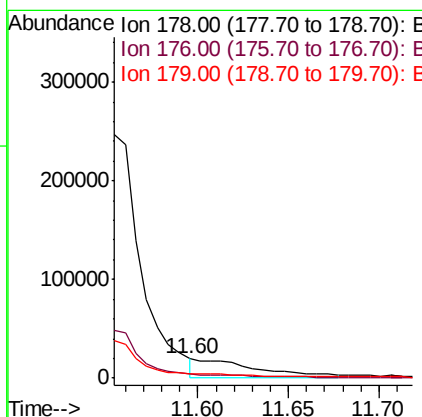
RT: 11.60 min Scan# 1574

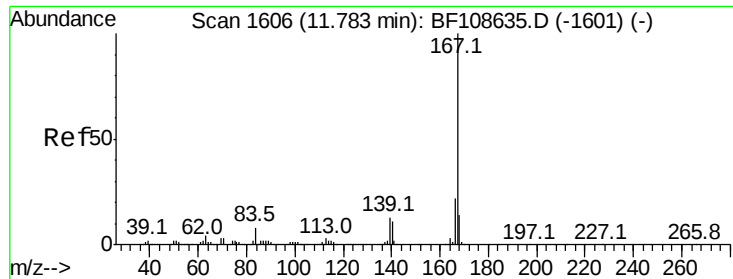
Delta R.T. -0.03 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	15.4	23.2
179	25.3	12.6	19.0#





#72

Carbazole

Concen: 2.634 ng

RT: 11.79 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

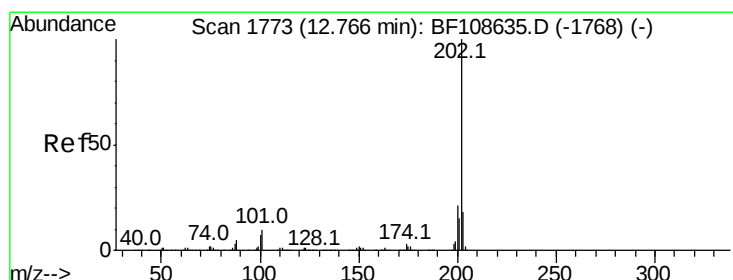
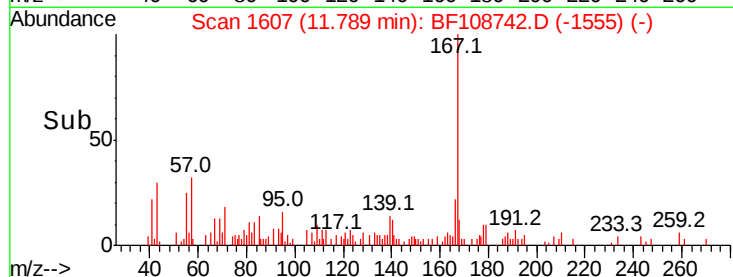
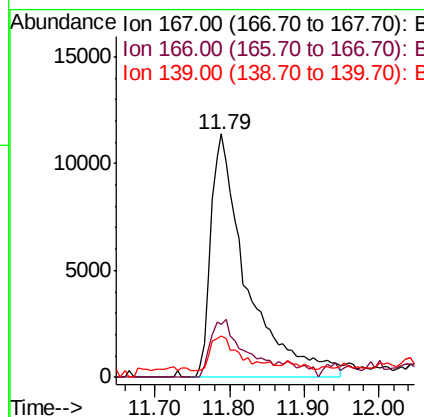
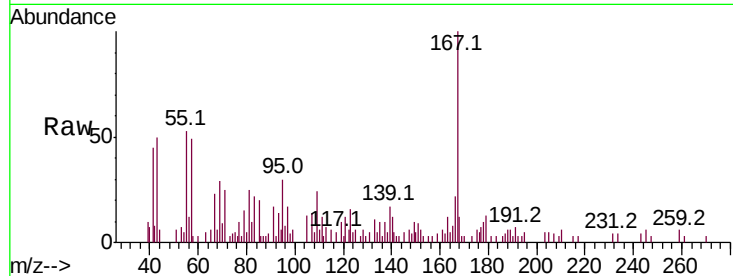
ClientSampleId :

BZTRANS-5

Tot Ion:	167	Resp:	38261
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.6	26.4
139	17.1	10.9	16.3#

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#74

Fluoranthene

Concen: 29.859 ng

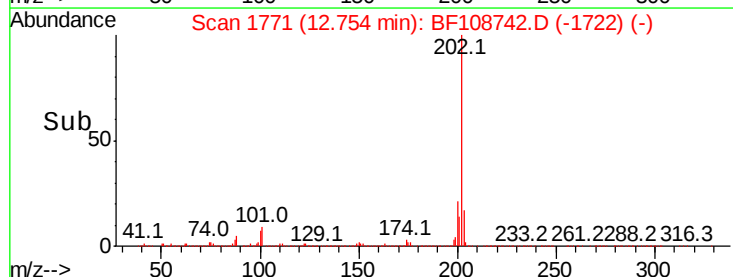
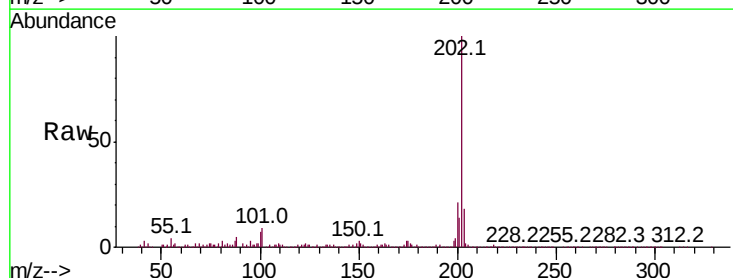
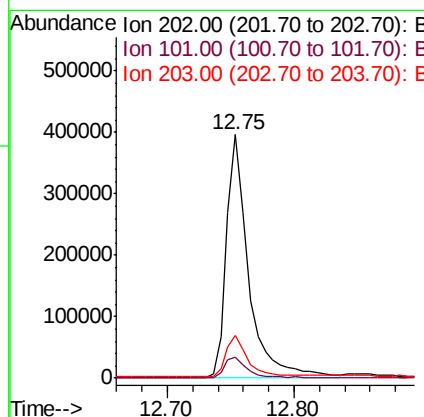
RT: 12.75 min Scan# 1771

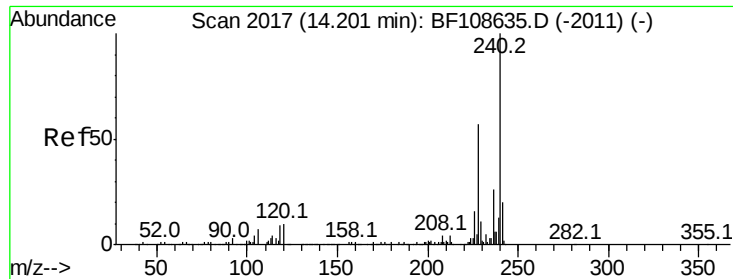
Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Tgt Ion:	202	Resp:	480445
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

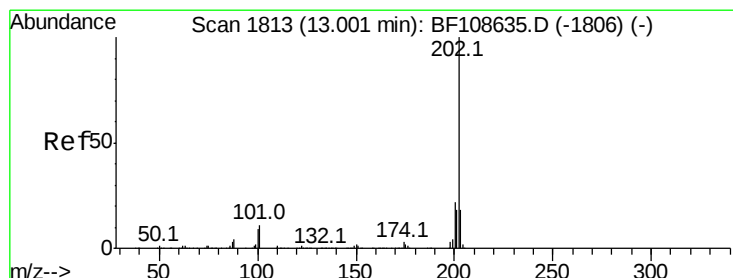
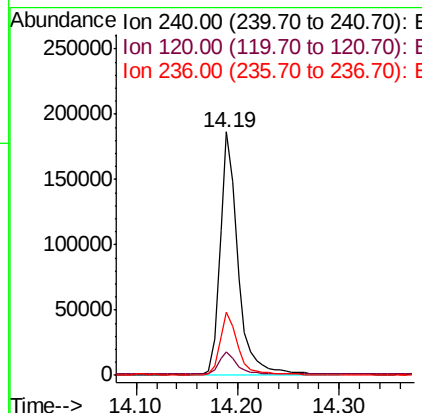
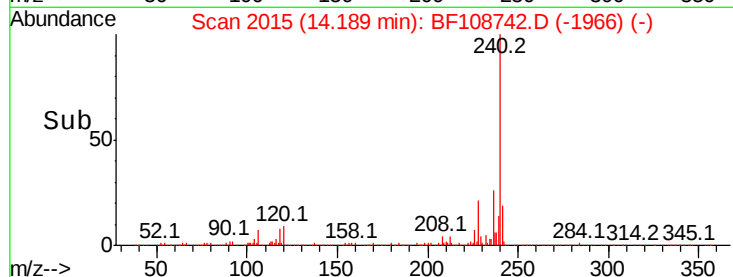
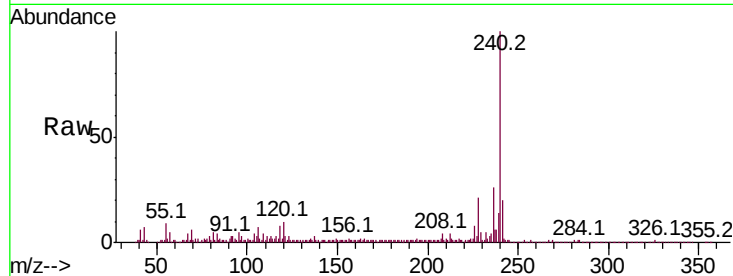
ClientSampled :

BZTRANS-5

Tot Ion:	240	Resp:	226313
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	26.0	20.7	31.1

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#77

Pyrene

Concen: 22.278 ng

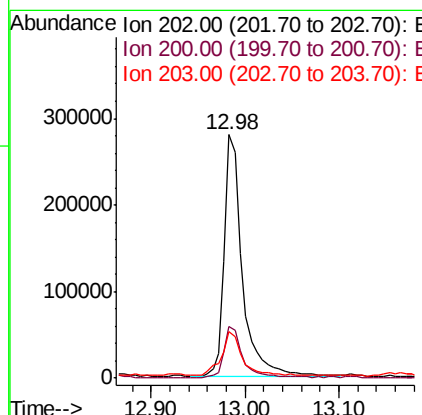
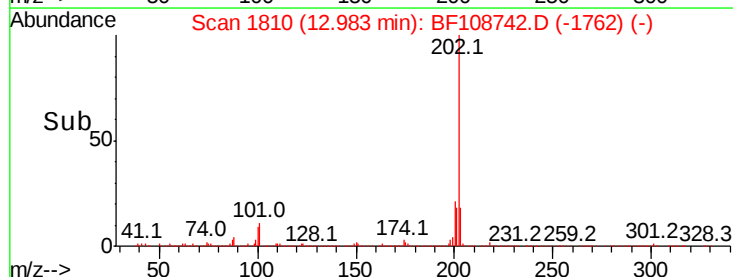
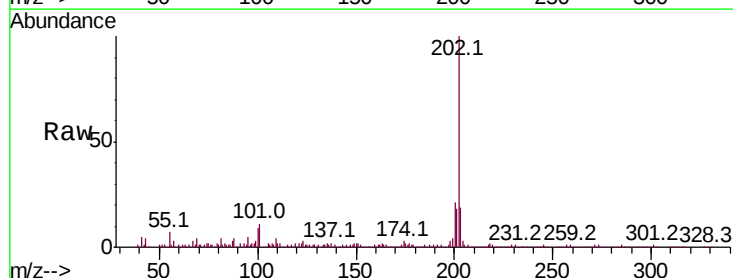
RT: 12.98 min Scan# 1810

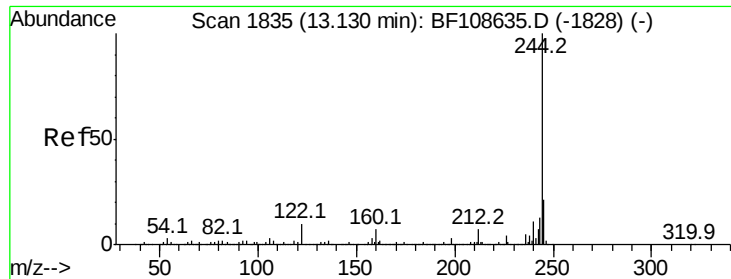
Delta R.T. -0.02 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Tgt Ion:	202	Resp:	379004
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	19.0	14.3	21.5





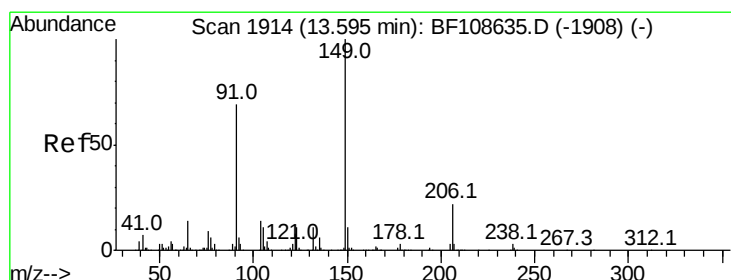
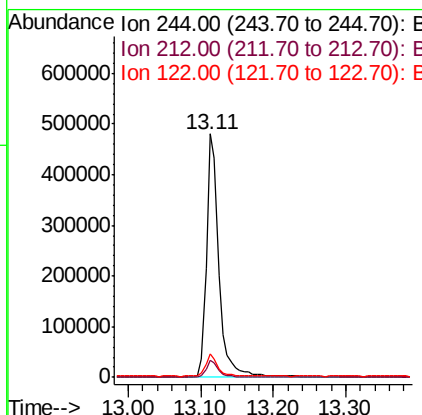
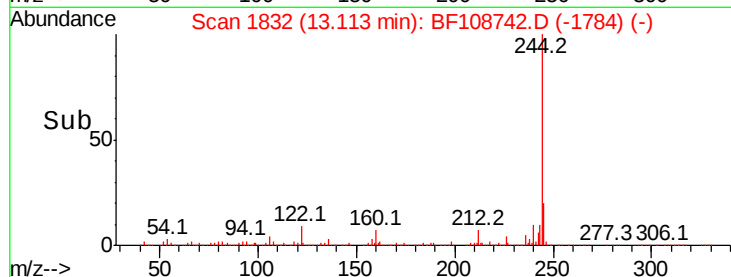
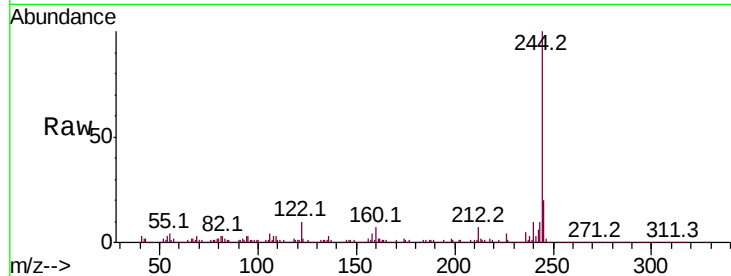
#78
 Terphenyl-d14
 Concen: 49.105 ng
 RT: 13.11 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF108742.D
 Acq: 4 Sep 2018 15:53

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-5

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.4	8.0	
122	9.6	11.0	16.4	

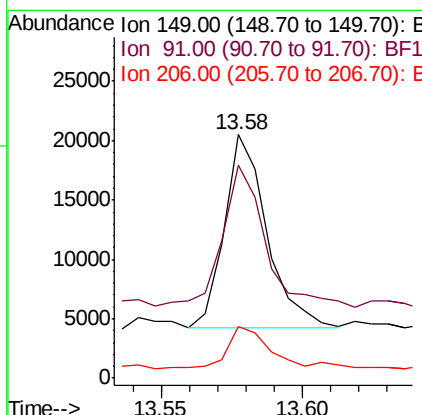
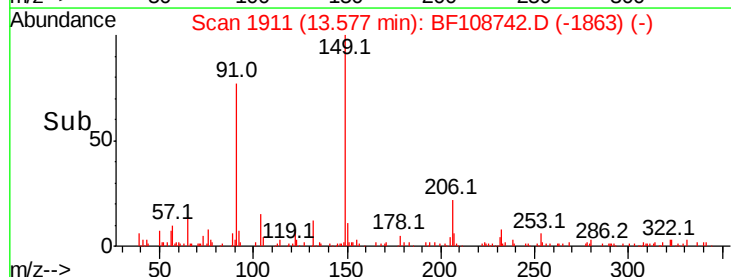
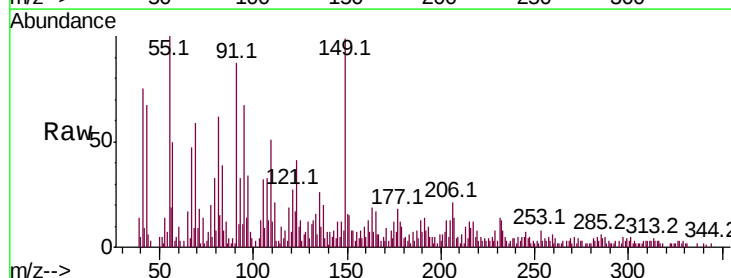
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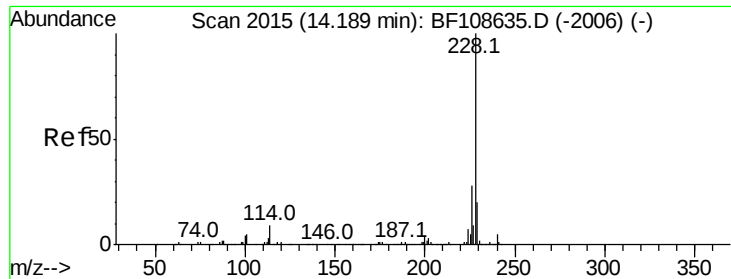
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#79
 Butylbenzylphthalate
 Concen: 2.370 ng
 RT: 13.58 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF108742.D
 Acq: 4 Sep 2018 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	87.3	56.8	85.2	
206	21.0	14.1	21.1	





#80

Benzo(a)anthracene

Concen: 7.544 ng

RT: 14.18 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

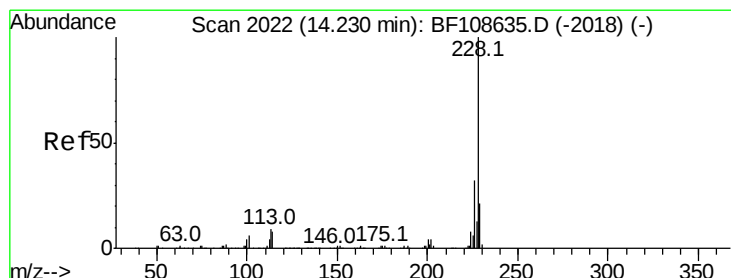
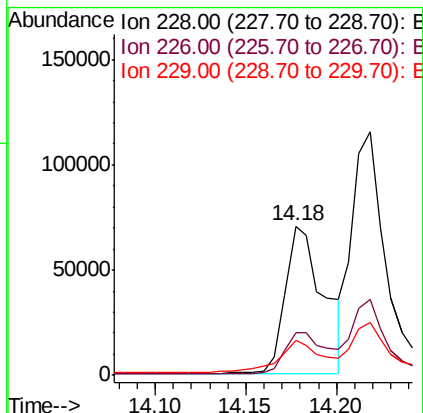
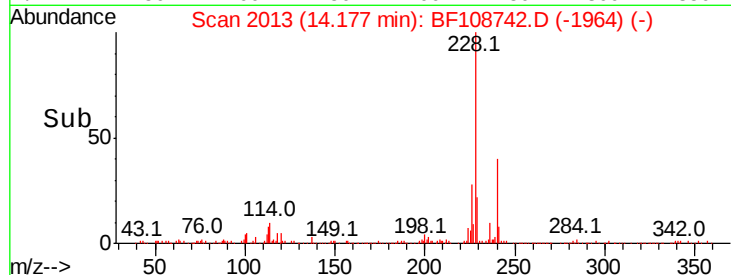
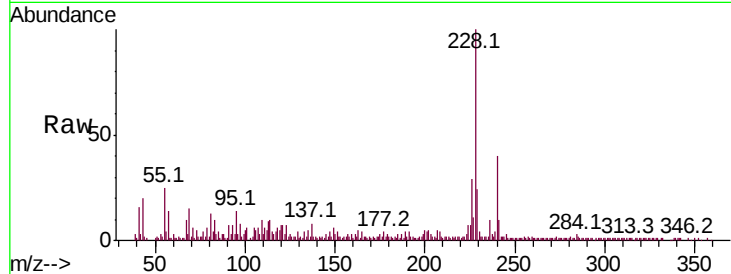
ClientSampleId :

BZTRANS-5

Tot Ion:	228	Resp:	104086
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	23.6	15.8	23.6

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#82

Chrysene

Concen: 11.469 ng

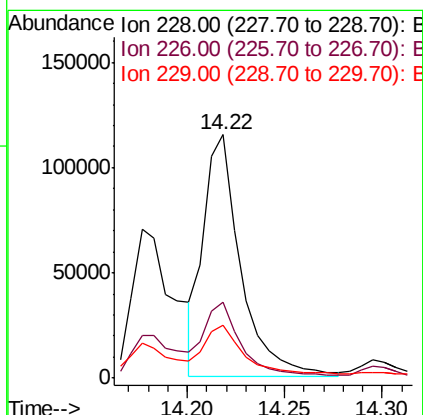
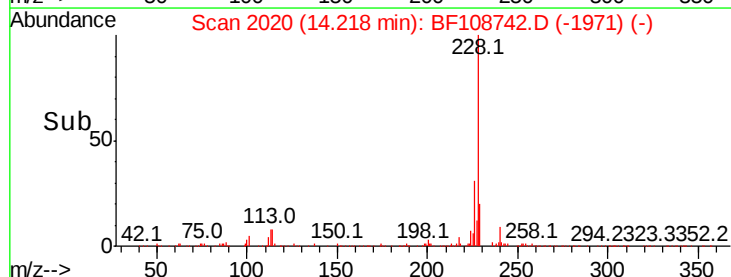
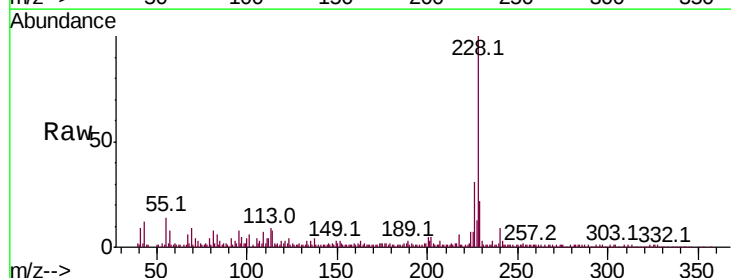
RT: 14.22 min Scan# 2020

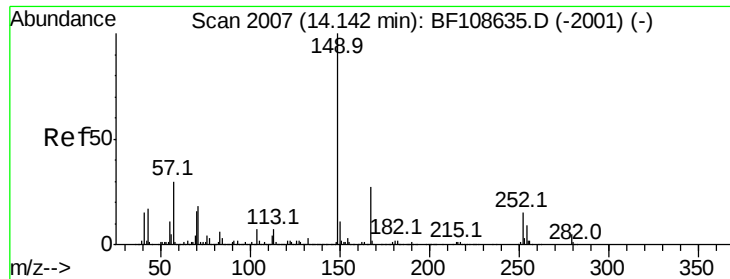
Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Tgt Ion:	228	Resp:	152169
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	21.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 7.687 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

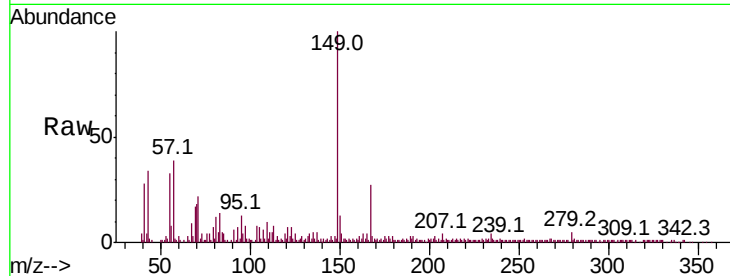
ClientSampled :

BZTRANS-5

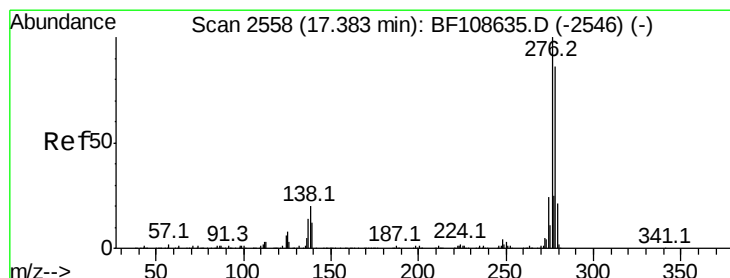
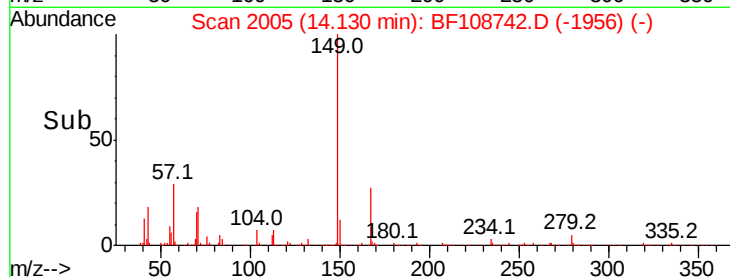
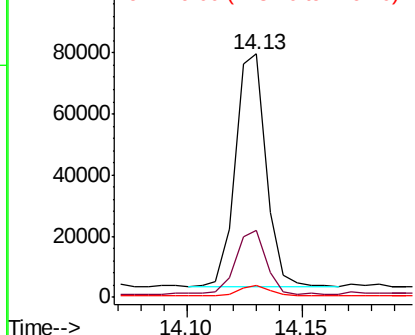
Tot Ion:	149	Resp:	70686
Ion Ratio	Lower	Upper	
149	100		
167	27.4	21.3	31.9
279	5.0	3.0	4.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 7.040 ng

RT: 17.37 min Scan# 2555

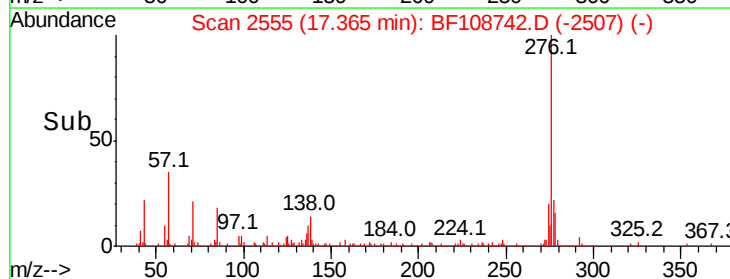
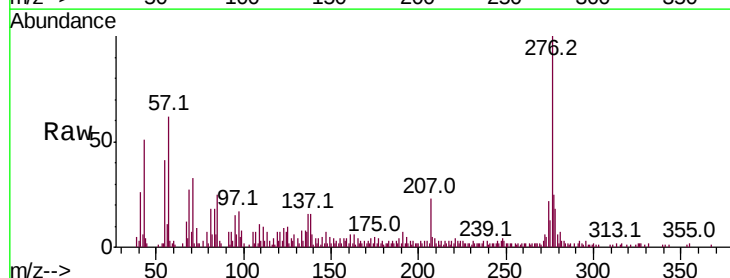
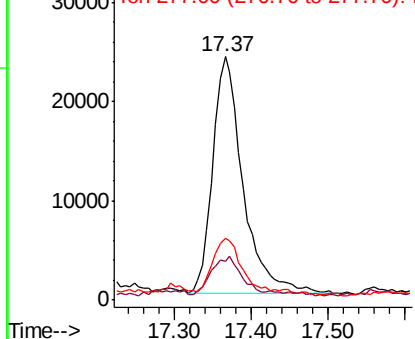
Delta R.T. -0.02 min

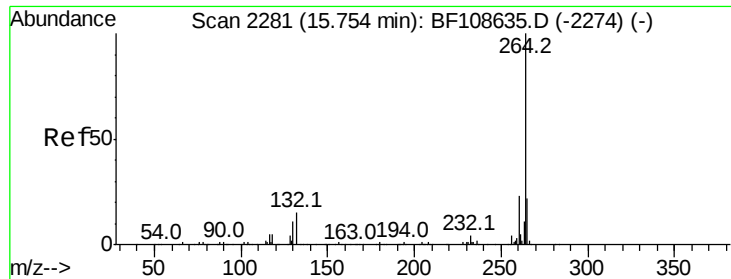
Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Tgt Ion:	276	Resp:	64949
Ion Ratio	Lower	Upper	
276	100		
138	16.0	25.0	37.6#
277	22.8	20.1	30.1

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

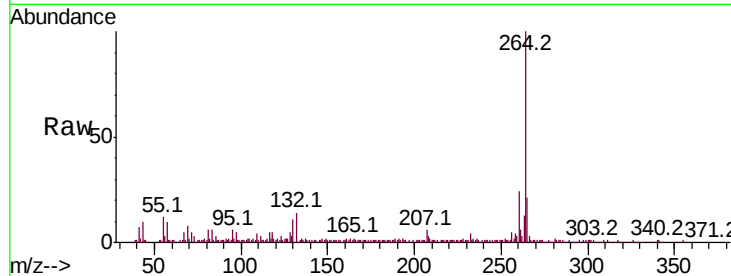
ClientSampleId :

BZTRANS-5

Tot Ion:	264	Resp:	171488
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.1	17.5	26.3

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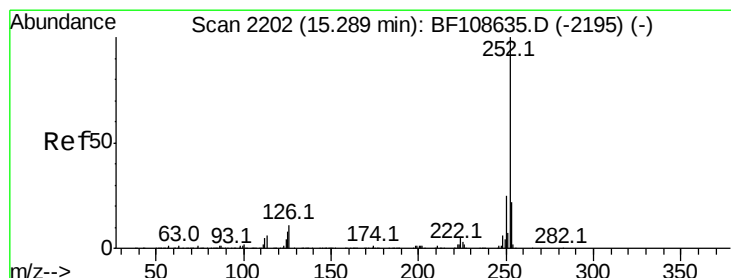
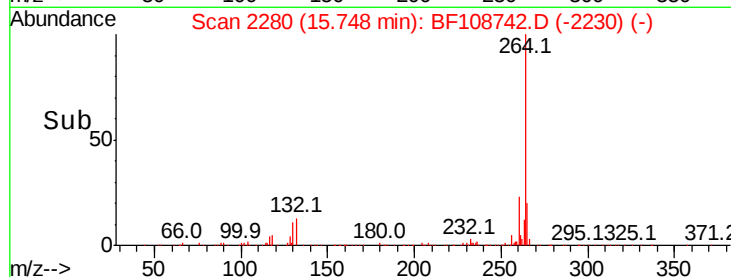
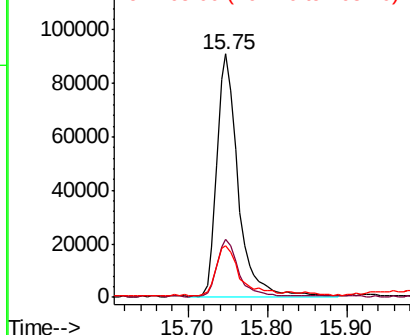


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 15.027 ng m

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

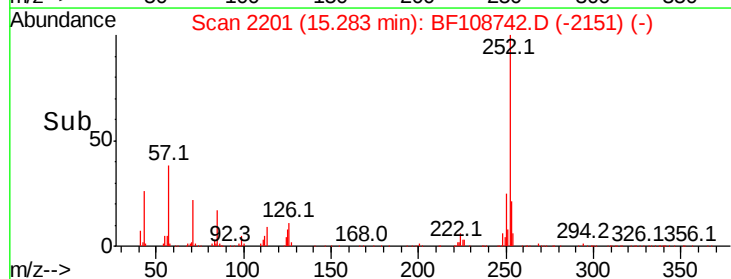
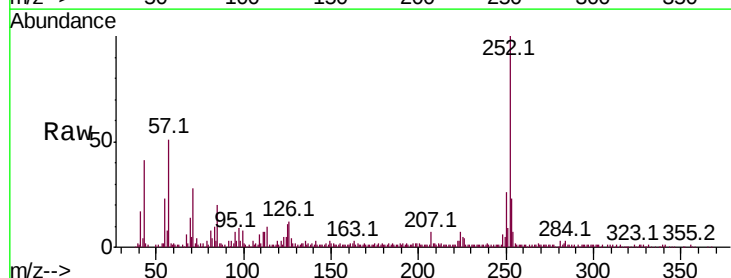
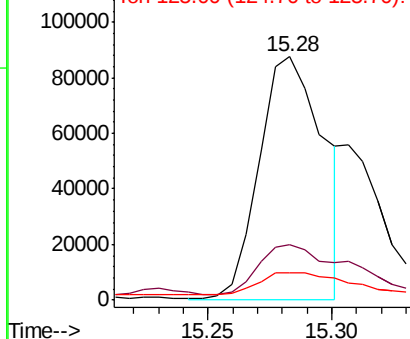
Tgt Ion:	252	Resp:	158297
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.0	25.6
125	11.2	9.0	13.6

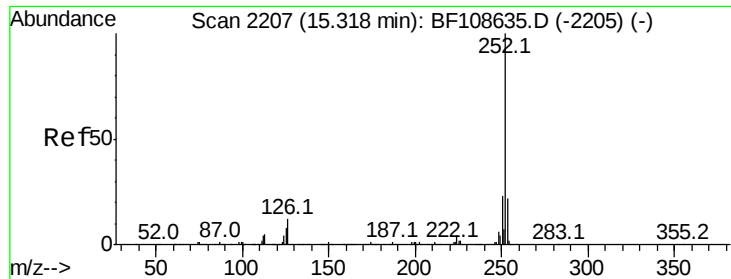
Abundance

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





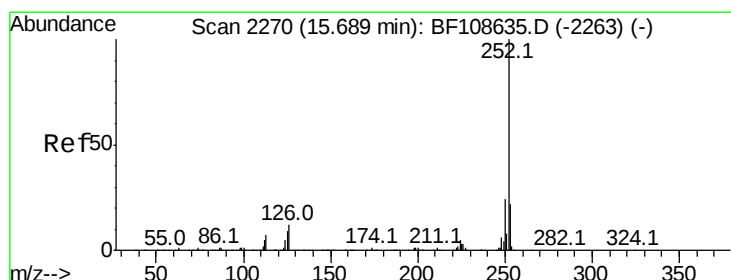
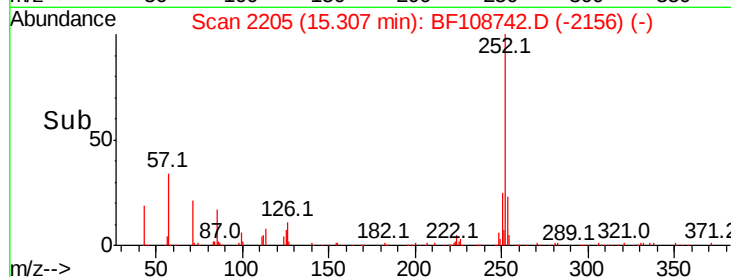
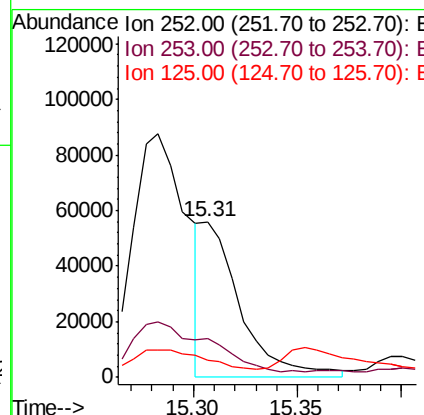
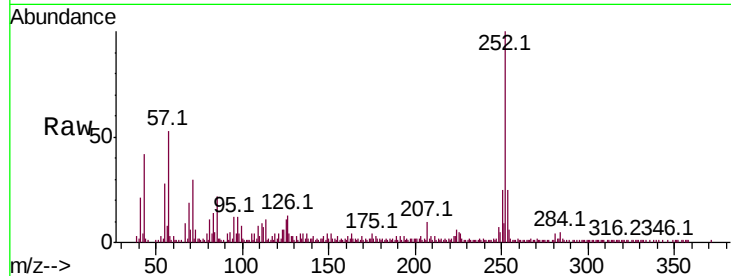
#88
Benzo(k)fluoranthene
Concen: 6.891 ng m
RT: 15.31 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Instrument :
BNA_F
ClientSampleId :
BZTRANS-5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	11.3	10.2	15.2

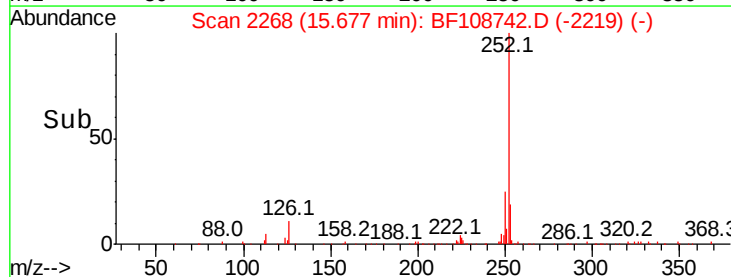
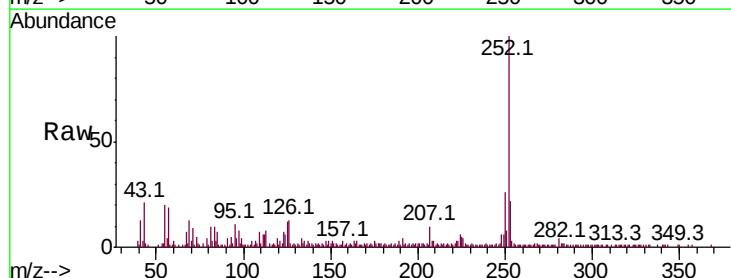
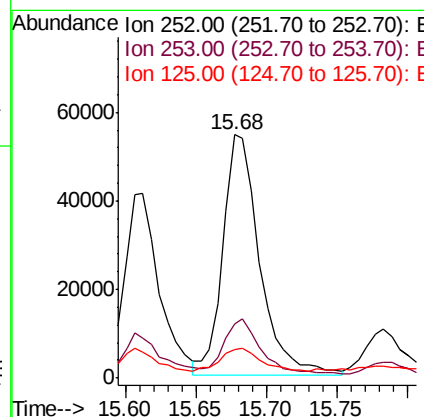
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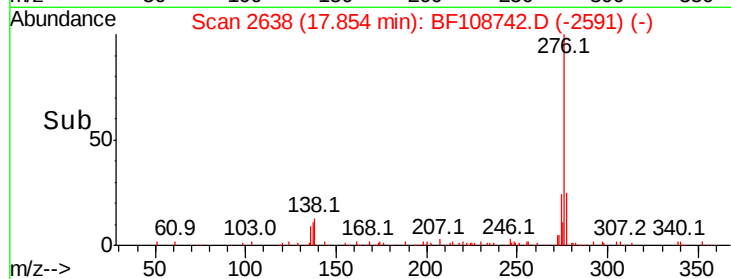
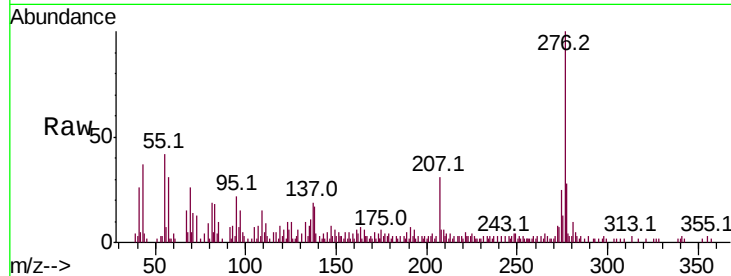
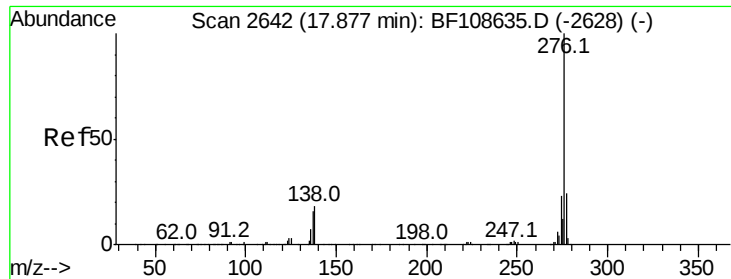
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#89
Benzo(a)pyrene
Concen: 10.380 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF108742.D
Acq: 4 Sep 2018 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	11.6	9.8	14.6





#91

Benzo(a,h,i)perylene

Concen: 8.272 ng

RT: 17.85 min Scan# 2638

Delta R.T. -0.02 min

Lab File: BF108742.D

Acq: 4 Sep 2018 15:53

Instrument :

BNA_F

ClientSampleId :

BZTRANS-5

Tot Ion:276 Resp: 61130

Ion Ratio Lower Upper

276 100

277 28.2 17.9 26.9#

138 17.3 21.8 32.8#

Manual Integrations

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