

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108702.D
 Acq On : 31 Aug 2018 21:11
 Operator : JU/SJ
 Sample : J4720-04 4X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-4

Manual Integrations
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Sohil
 9/4/2018 3:53:33 PM

Quant Time: Sep 04 15:39:10 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	7.01	152	59933	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	253383	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	108598	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	196406	20.00	ng	0.00
75) Chrysene-d12	14.21	240	204877	20.00	ng	0.00
86) Perylene-d12	15.76	264	144677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	43015m	12.47	ng	0.13
7) Phenol-d6	6.67	99	86644m	17.53	ng	0.02
23) Nitrobenzene-d5	7.59	82	56076	11.23	ng	0.02
41) 2,4,6-Tribromophenol	10.85	330	20500	14.30	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	114197	14.14	ng	0.00
78) Terphenyl-d14	13.14	244	121797	11.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	37369	4.370	ng	# 94
70) Phenanthrene	11.57	178	83463	8.419	ng	# 74
74) Fluoranthene	12.78	202	111914	10.029	ng	# 79
77) Pyrene	13.01	202	86808	5.636	ng	# 81
82) Chrysene	14.24	228	39524	3.291	ng	# 90
83) Bis(2-ethylhexyl)phthalate	14.14	149	21178	2.544	ng	# 91
85) Indeno(1,2,3-cd)pyrene	17.38	276	18594	2.226	ng	# 91
87) Benzo(b)fluoranthene	15.29	252	38757m	4.361	ng	# 84
89) Benzo(a)pyrene	15.69	252	22318	2.779	ng	# 84
91) Benzo(g,h,i)perylene	17.88	276	18286	2.933	ng	# 87

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

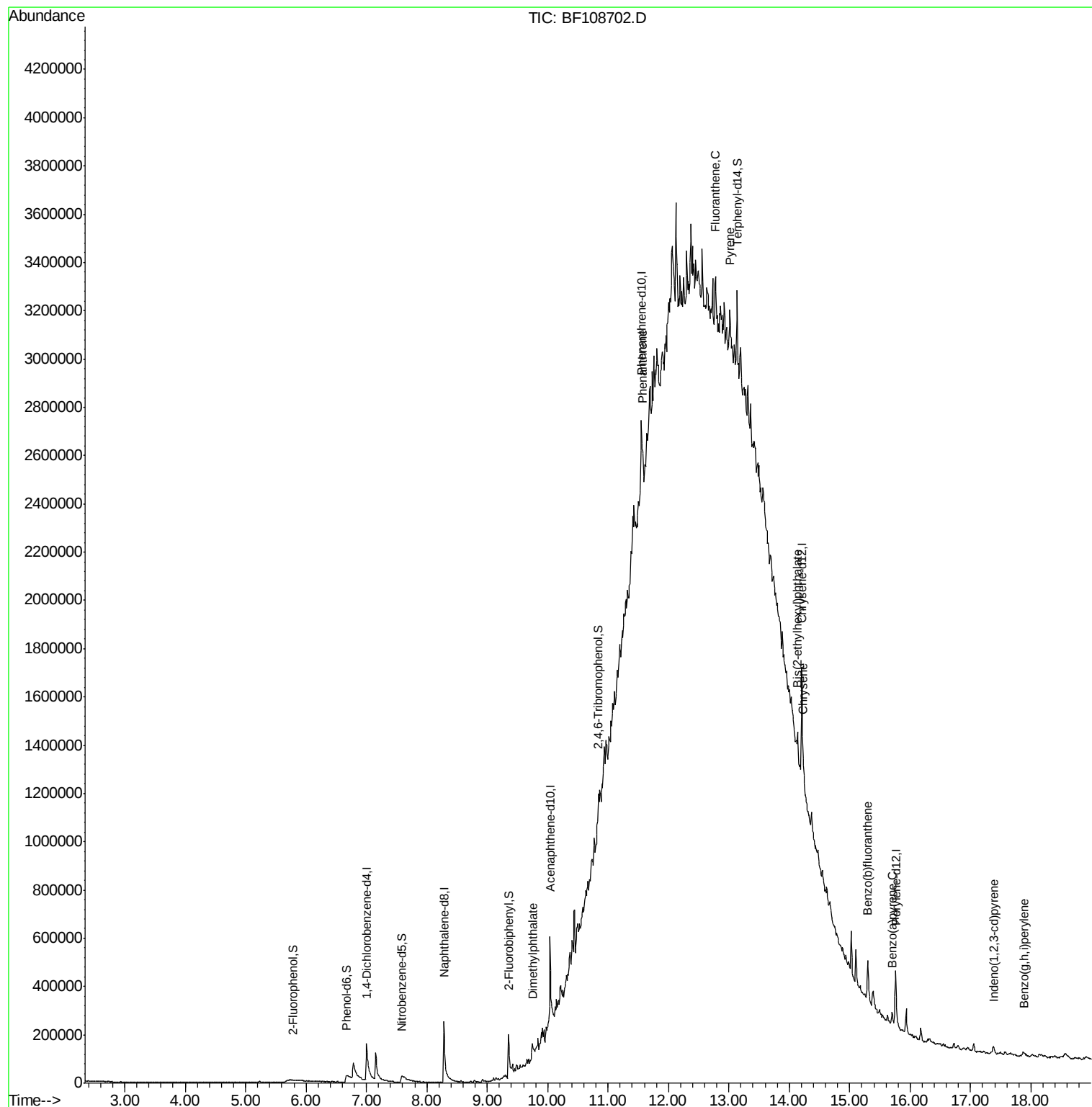
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108702.D
Acq On : 31 Aug 2018 21:11
Operator : JU/SJ
Sample : J4720-04 4X
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#1

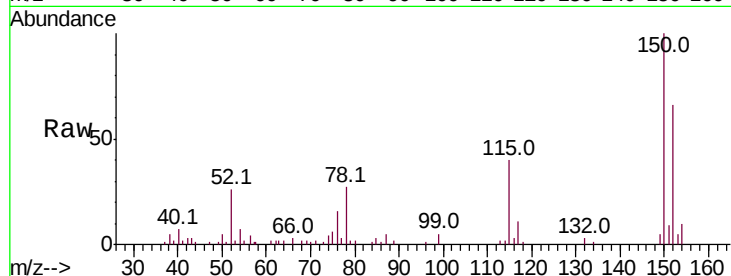
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :
BZTRANS-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	186.8
115	61.1	50.1	75.1

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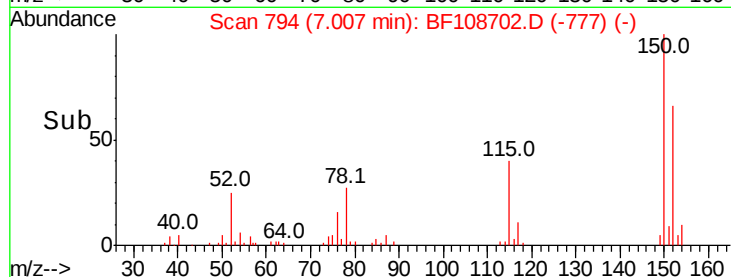
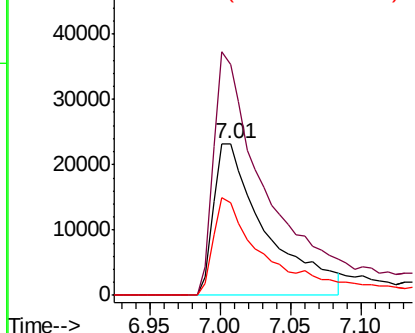


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

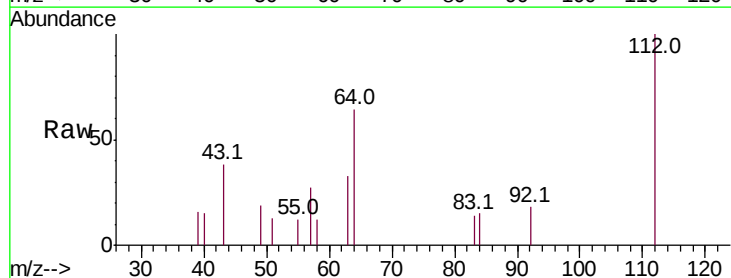
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 12.468 ng m
RT: 5.78 min Scan# 585
Delta R.T. 0.13 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	47.9	71.9
63	33.2	23.7	35.5

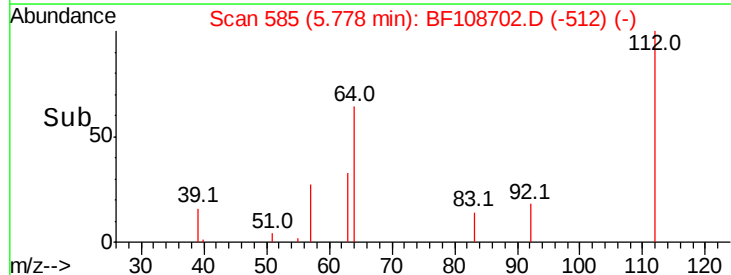
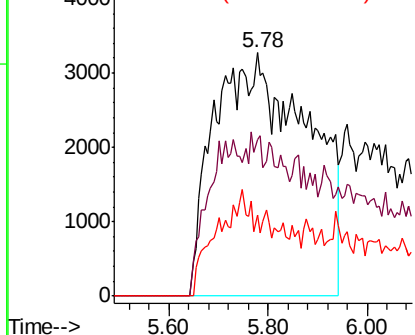


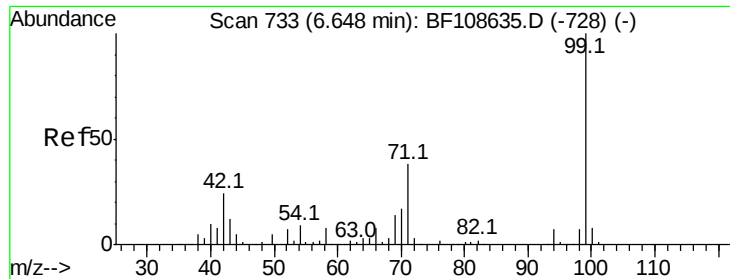
Abundance

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: 17.535 ng/mL

RT: 6.67 min Scan# 737

Delta R.T. 0.02 min

Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Instrument :

BNA_F

ClientSampleId :

BZTRANS-4

Tot Ion: 99 Resp: 86644

Ion Ratio Lower Upper

99 100

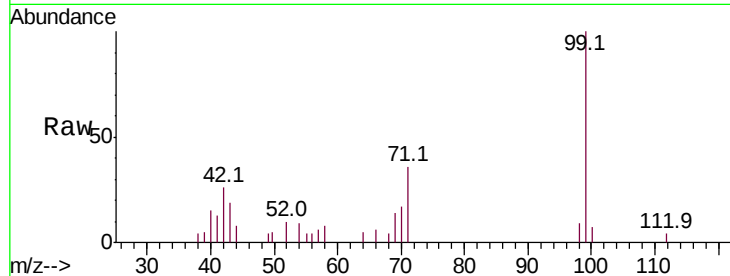
42 26.1 14.5 21.7#

71 36.2 25.4 38.0

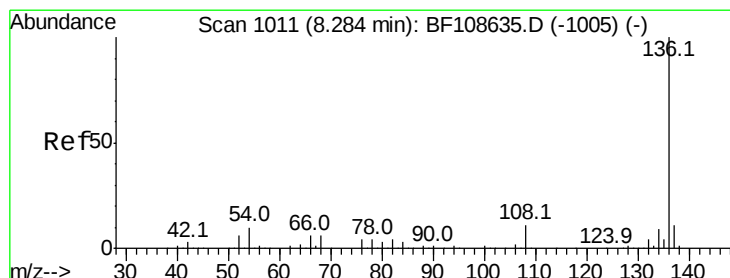
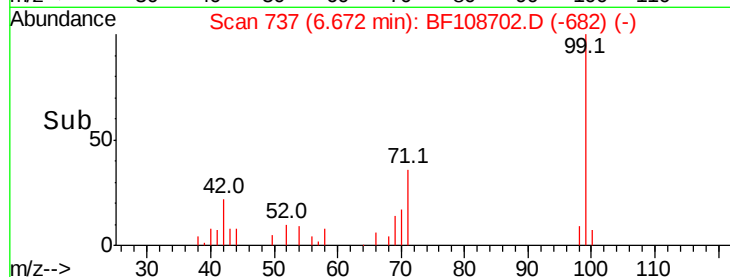
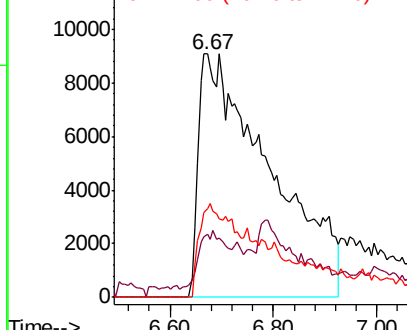
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng/mL

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Tgt Ion: 136 Resp: 253383

Ion Ratio Lower Upper

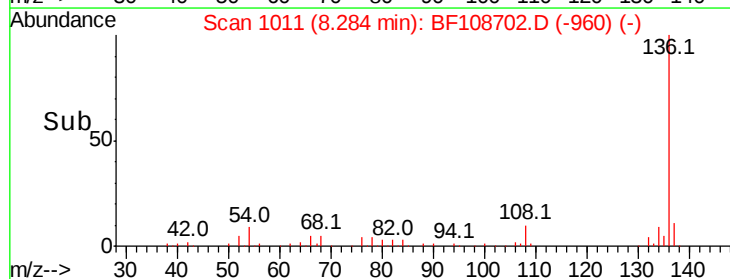
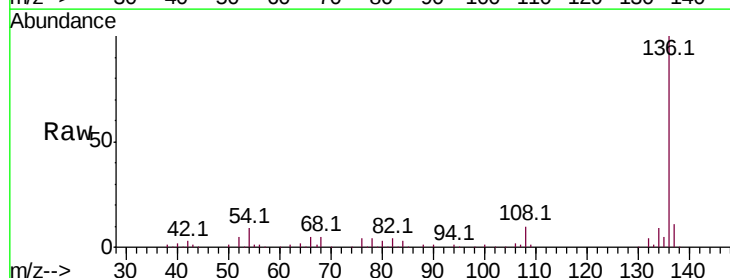
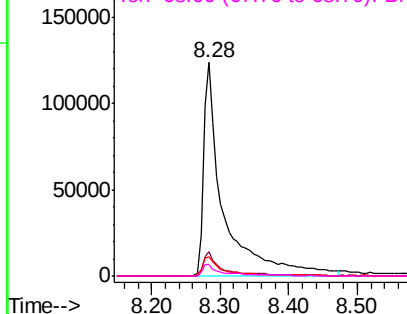
136 100

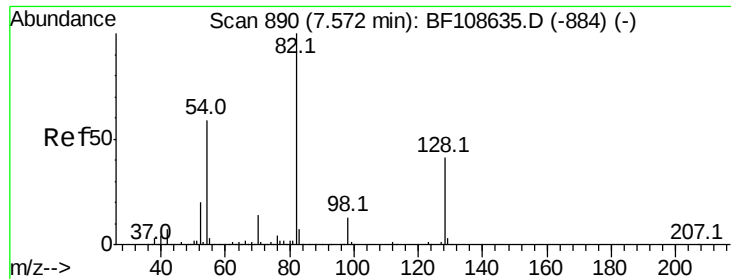
137 11.1 8.9 13.3

54 8.9 6.6 9.8

68 5.5 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





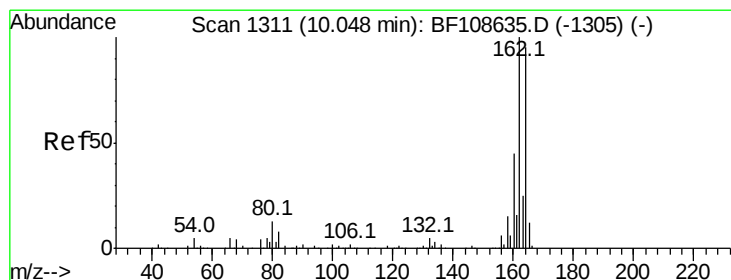
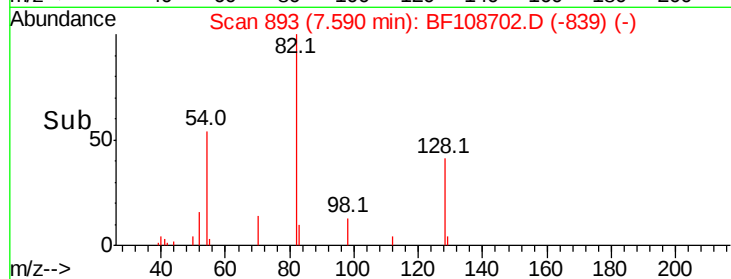
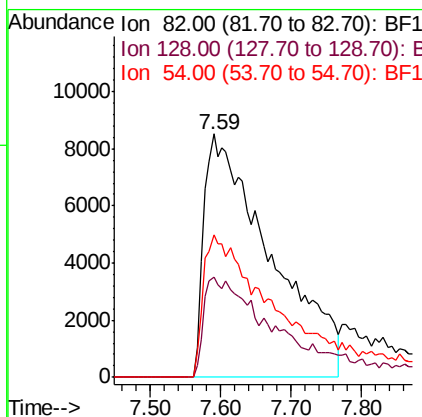
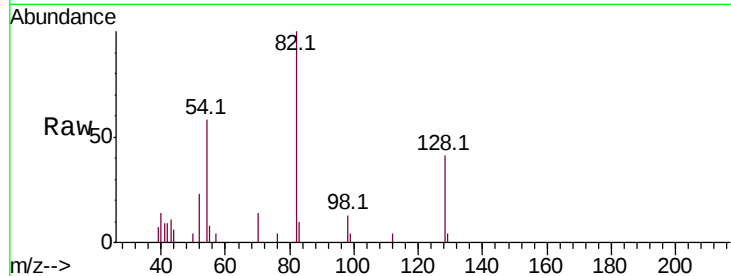
#23
 Nitrobenzene-d5
 Concen: 11.233 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.02 min
 Lab File: BF108702.D
 Acq: 31 Aug 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	36.1	54.1
54	58.5	41.4	62.2

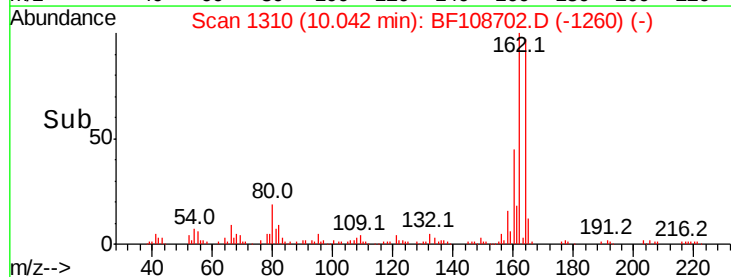
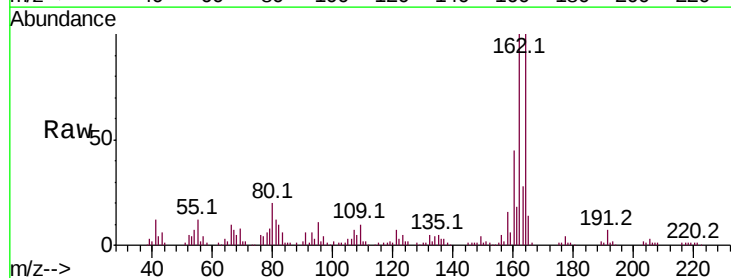
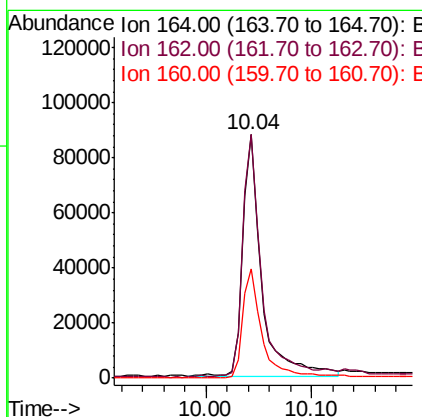
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108702.D
 Acq: 31 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	44.9	38.3	57.5





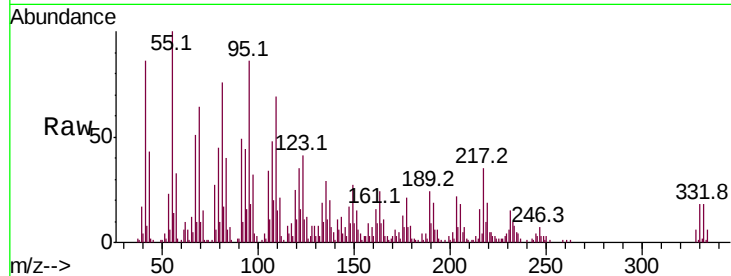
#41
 2,4,6-Tribromophenol
 Concen: 14.299 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF108702.D
 Acq: 31 Aug 2018 21:11

Instrument :
 BNA_F
 ClientSampleId :
 BZTRANS-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	20500		
332	99.0	77.0	115.6	
141	36.8	29.9	44.9	

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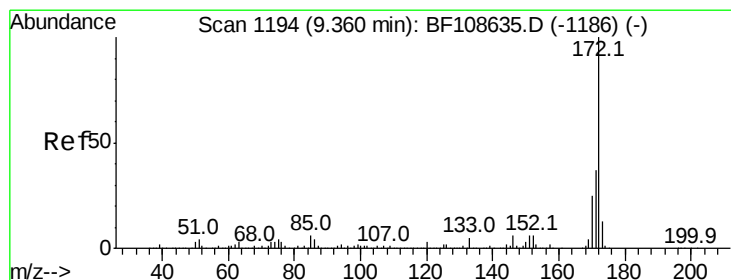
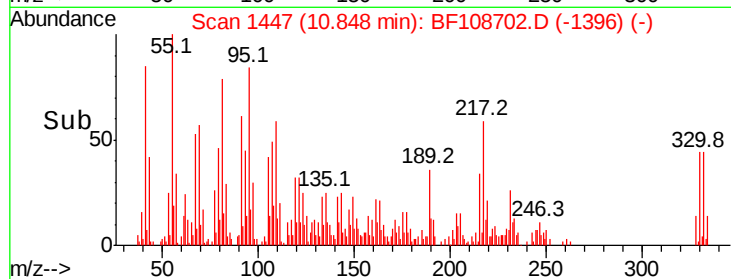
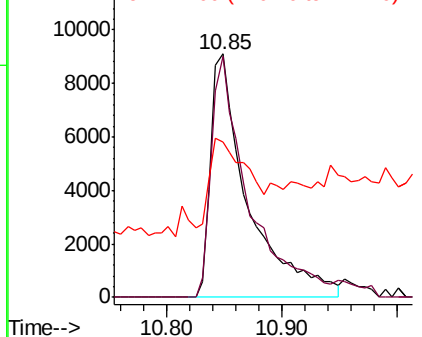


Abundance

Ion 329.80 (329.50 to 330.50): E

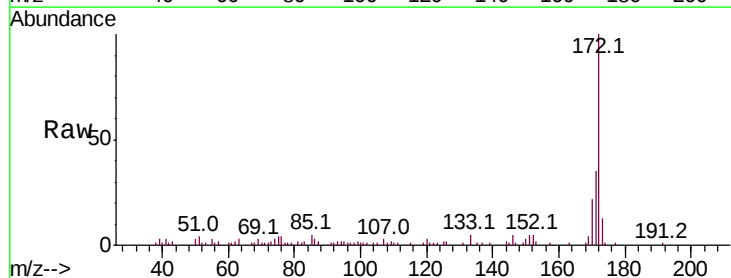
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 14.139 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108702.D
 Acq: 31 Aug 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	114197		
171	34.6	29.7	44.5	
170	22.3	19.6	29.4	

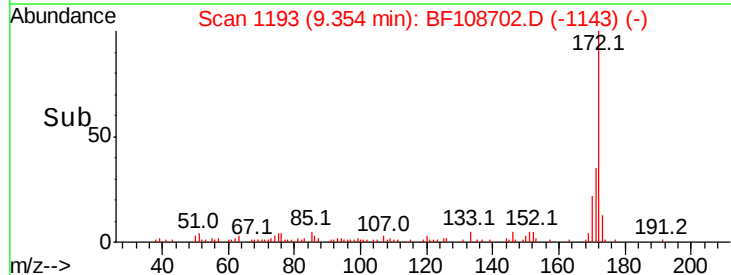
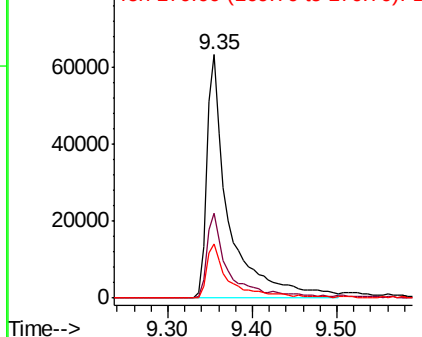


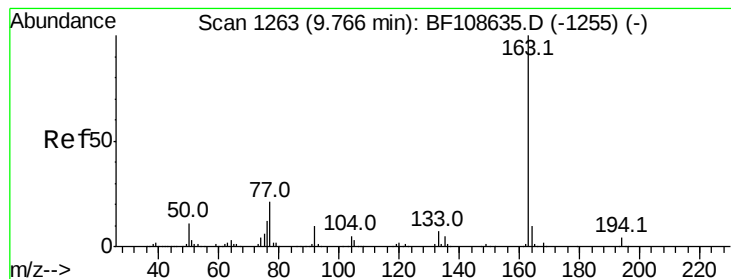
Abundance

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: 4.370 ng

RT: 9.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Instrument :

BNA_F

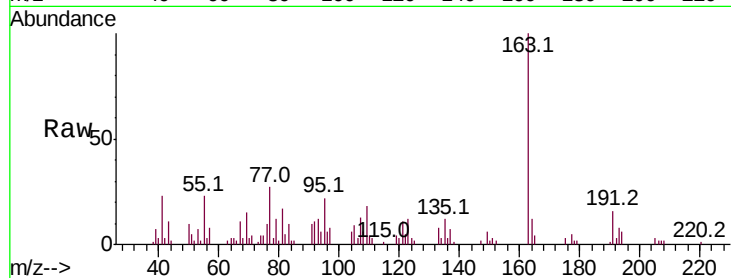
ClientSampleId :

BZTRANS-4

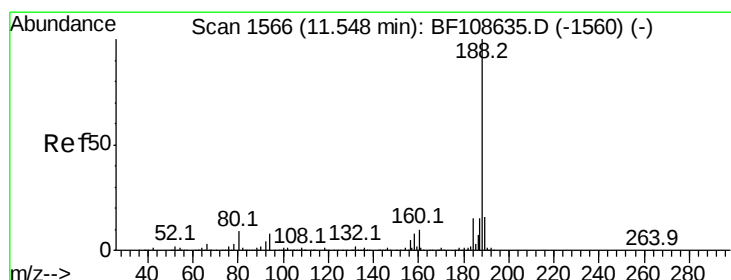
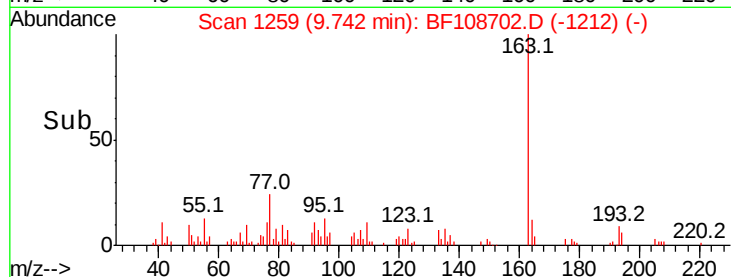
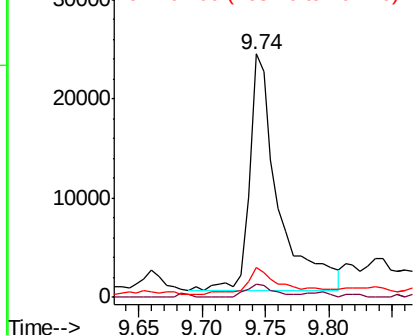
Tot Ion:	163	Resp:	37369
Ion Ratio	Lower	Upper	
163	100		
194	5.7	2.7	4.1#
164	12.2	8.2	12.2

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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

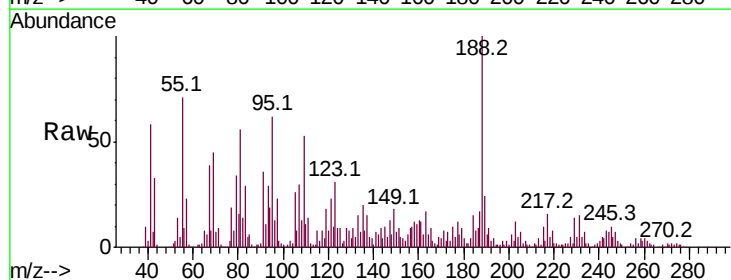
RT: 11.55 min Scan# 1566

Delta R.T. 0.00 min

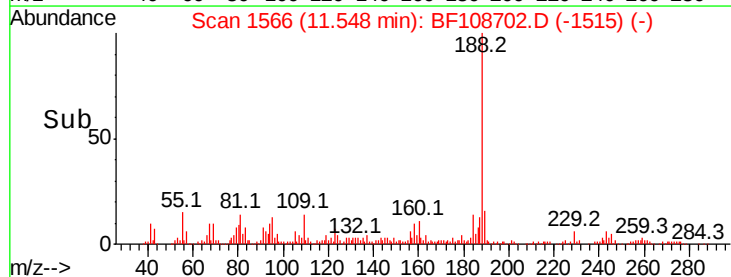
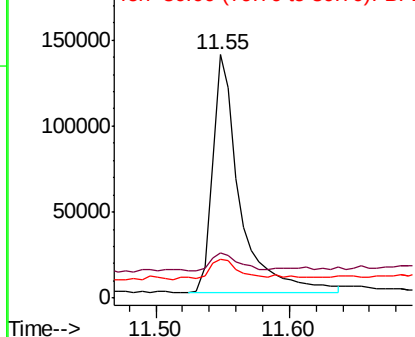
Lab File: BF108702.D

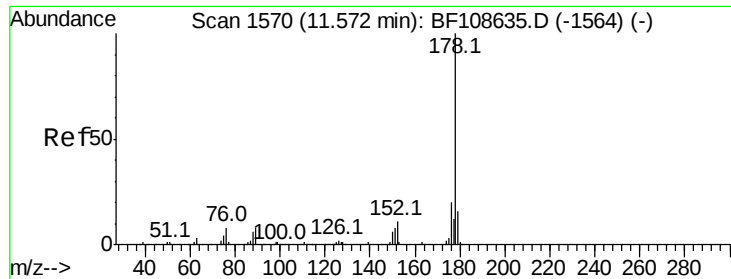
Acq: 31 Aug 2018 21:11

Tgt Ion:	188	Resp:	196406
Ion Ratio	Lower	Upper	
188	100		
94	18.8	8.5	12.7#
80	16.2	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: 8.419 ng

RT: 11.57 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Instrument :

BNA_F

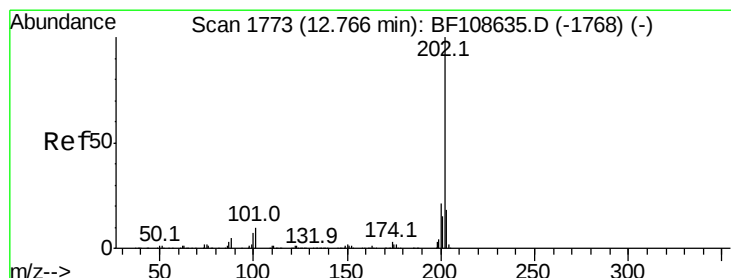
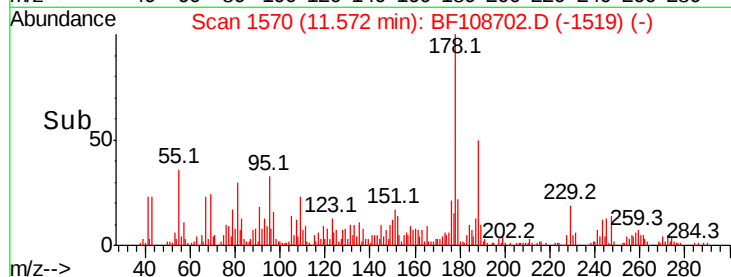
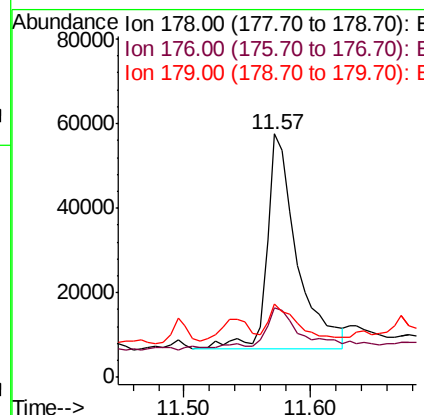
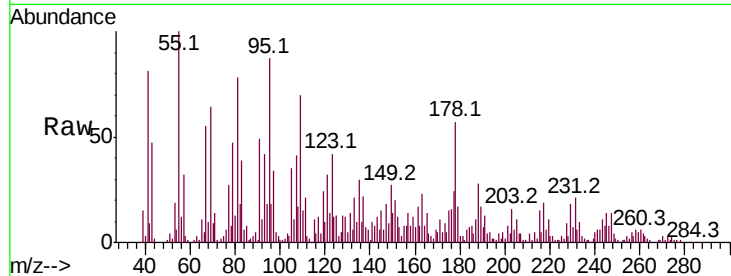
ClientSampled :

BZTRANS-4

Tot Ion:	178	Resp:	83463
Ion Ratio	Lower	Upper	
178	100		
176	28.8	15.8	23.8#
179	30.2	13.0	19.6#

Manual Integrations
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#74

Fluoranthene

Concen: 10.029 ng

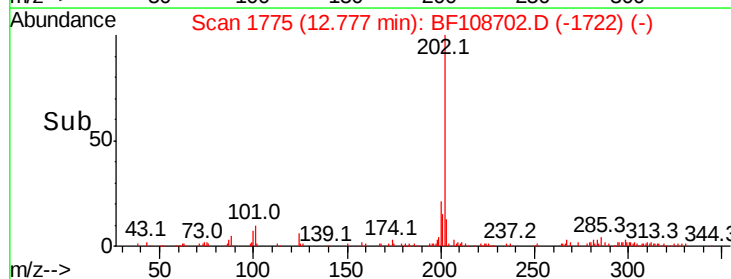
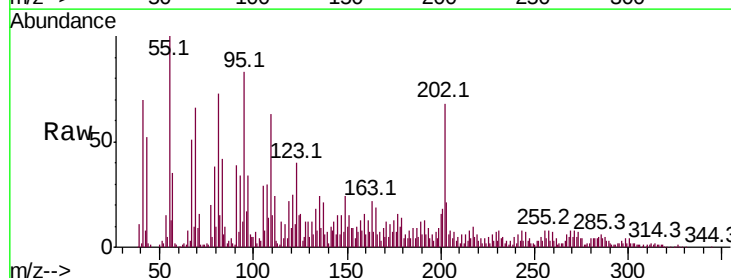
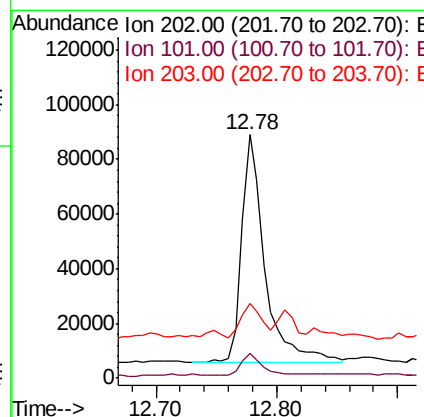
RT: 12.78 min Scan# 1775

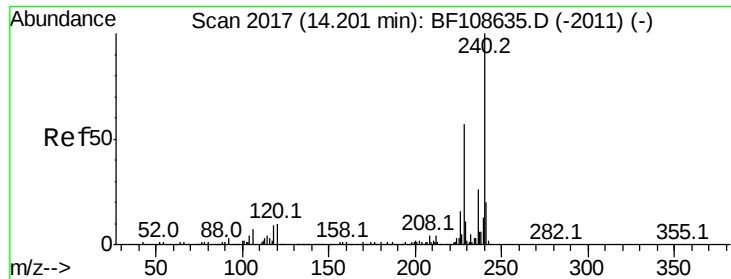
Delta R.T. 0.01 min

Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Tgt Ion:	202	Resp:	111914
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	34.1
203	30.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Instrument :

BNA_F

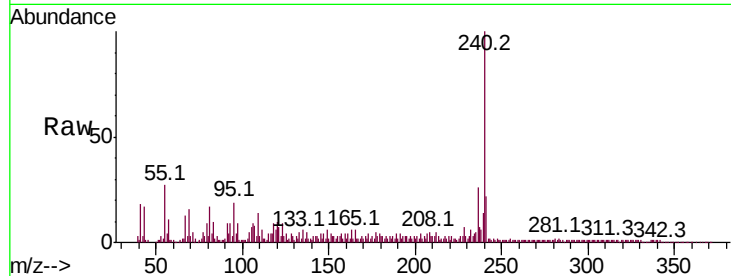
ClientSampleId :

BZTRANS-4

Tot Ion:	240	Resp:	204877
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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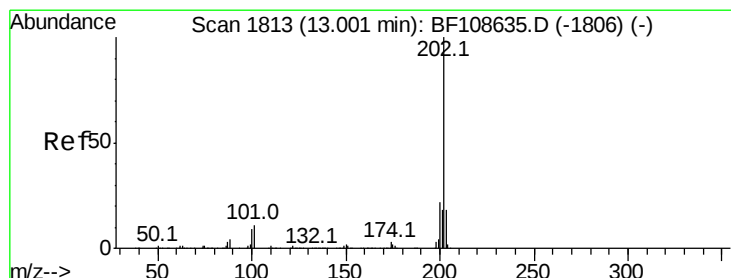
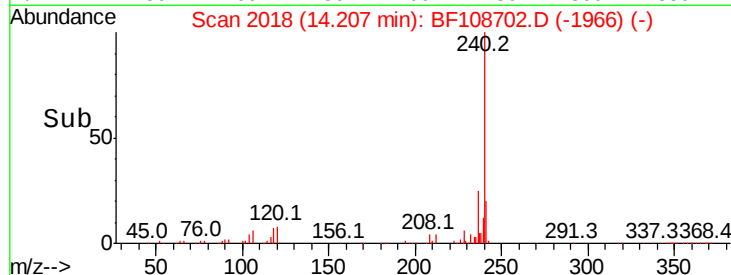
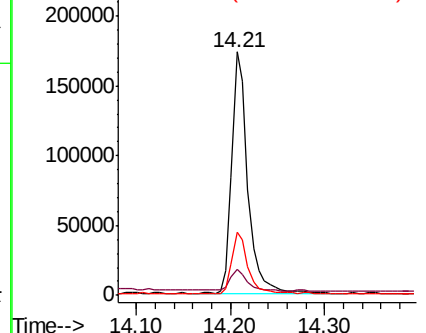
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.636 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF108702.D

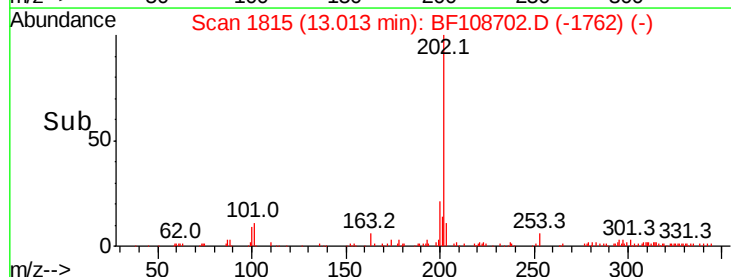
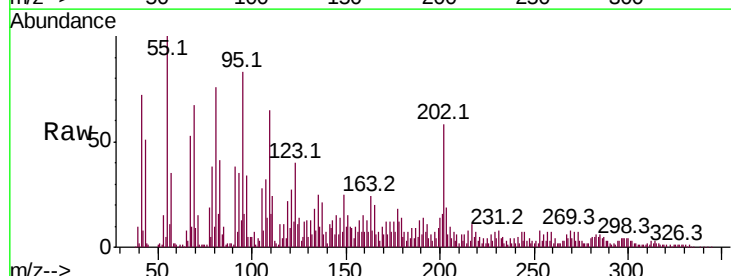
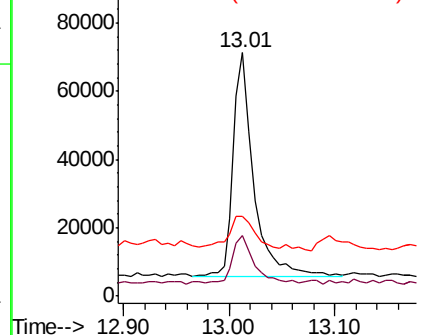
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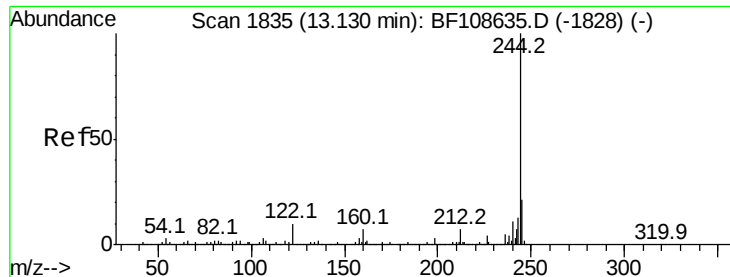
Tgt Ion:	202	Resp:	86808
Ion Ratio	Lower	Upper	
202	100		
200	24.7	17.4	26.2
203	33.0	14.3	21.5#

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: 11.551 ng

RT: 13.14 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Instrument :

BNA_F

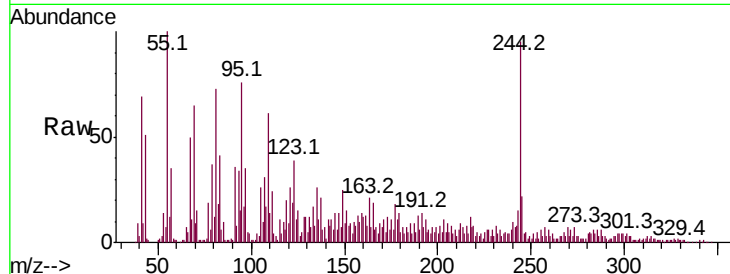
ClientSampleId :

BZTRANS-4

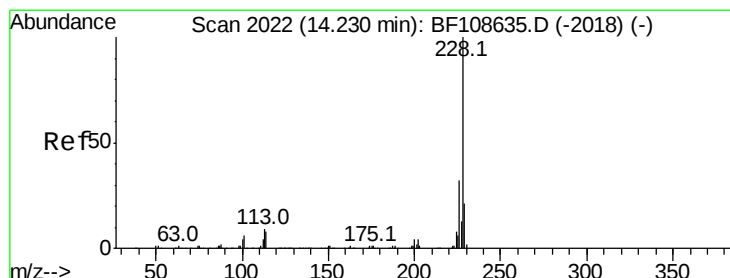
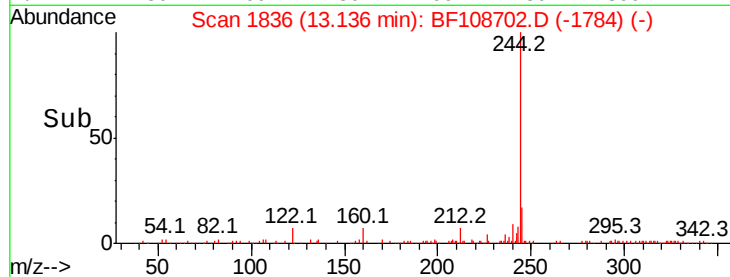
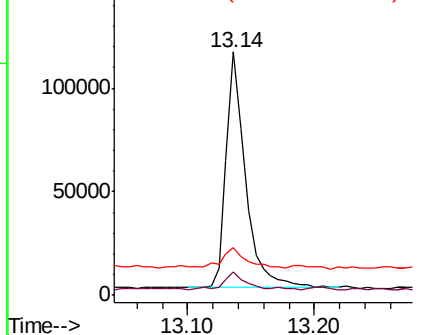
Tot Ion:	244	Resp:	121797
Ion Ratio	Lower	Upper	
244	100		
212	9.6	5.4	8.0#
122	19.6	11.0	16.4#

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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



#82

Chrysene

Concen: 3.291 ng

RT: 14.24 min Scan# 2023

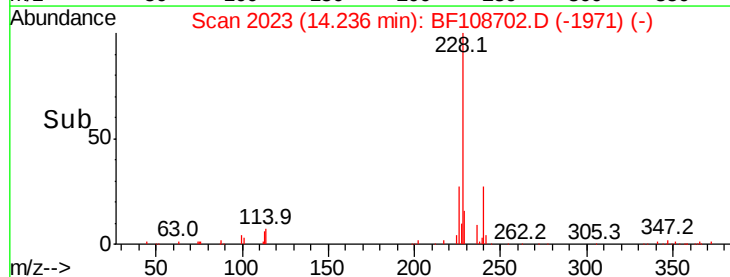
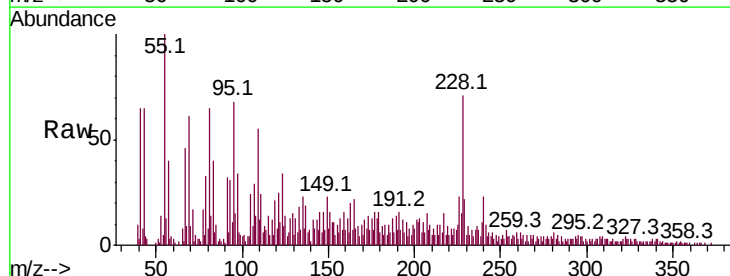
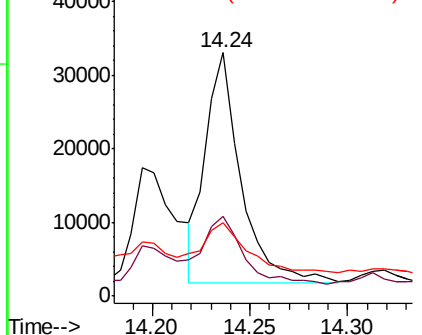
Delta R.T. 0.01 min

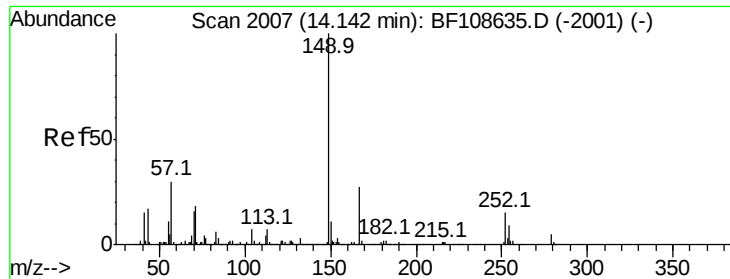
Lab File: BF108702.D

Acq: 31 Aug 2018 21:11

Tgt Ion:	228	Resp:	39524
Ion Ratio	Lower	Upper	
228	100		
226	32.7	25.0	37.6
229	30.3	16.2	24.4#

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





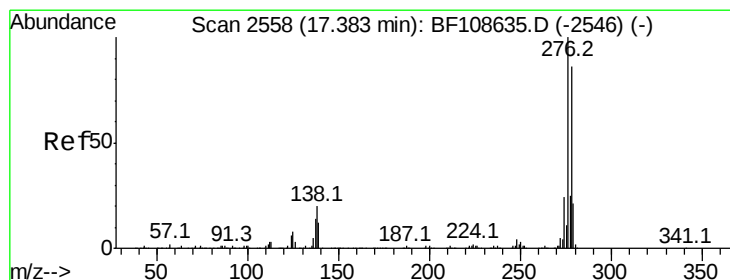
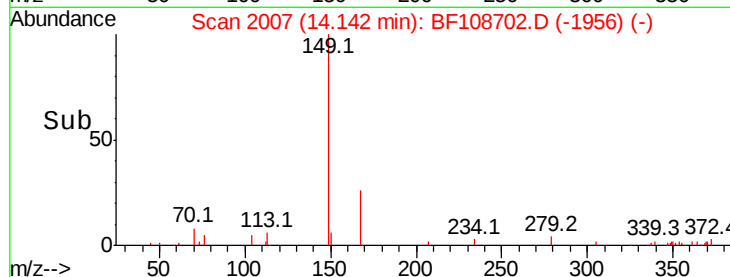
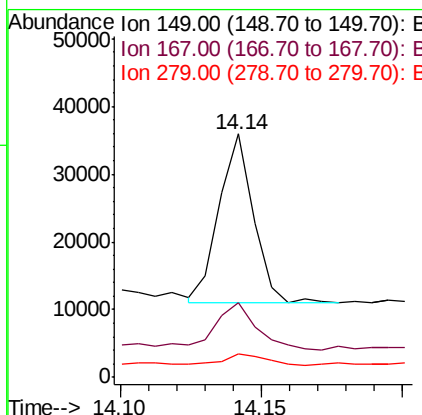
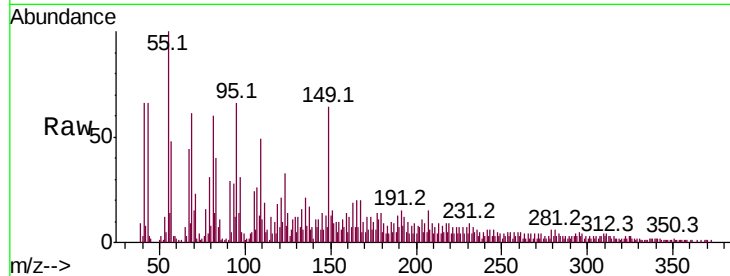
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.544 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :
BZTRANS-4

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.5	21.3	31.9	
279	9.6	3.0	4.4#	

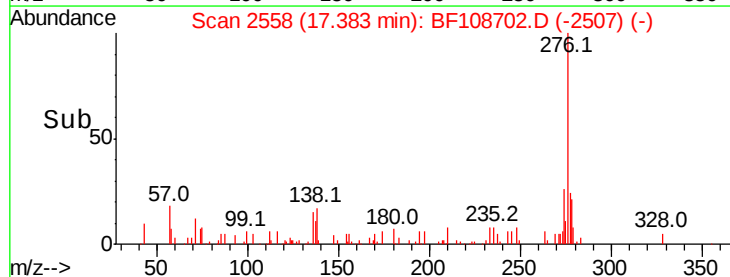
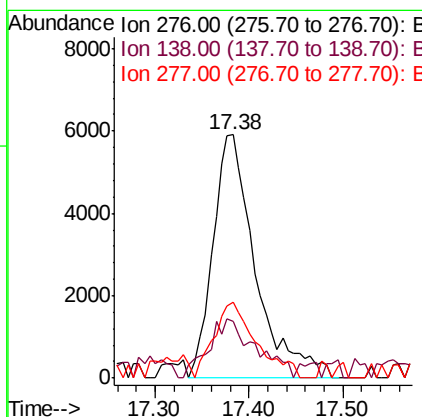
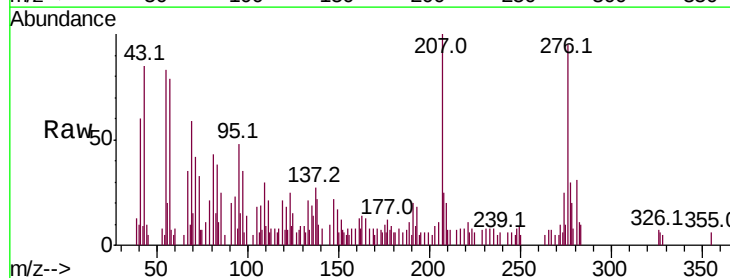
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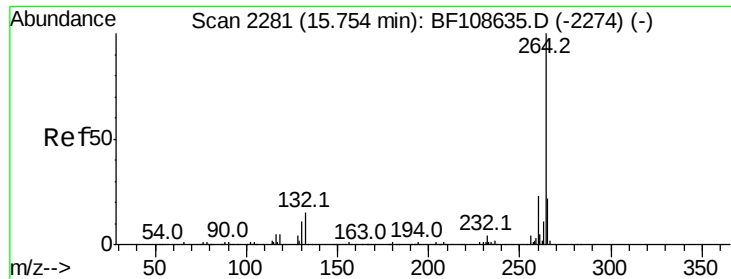
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.226 ng
RT: 17.38 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	27.2	25.0	37.6	
277	31.0	20.1	30.1#	





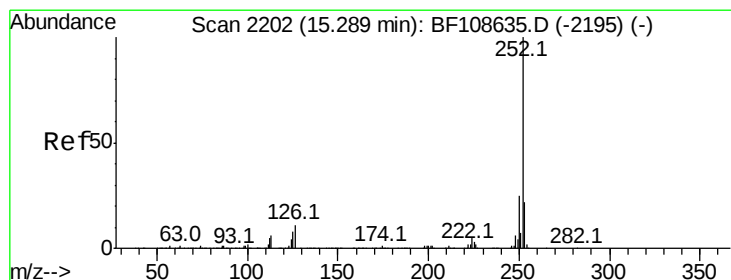
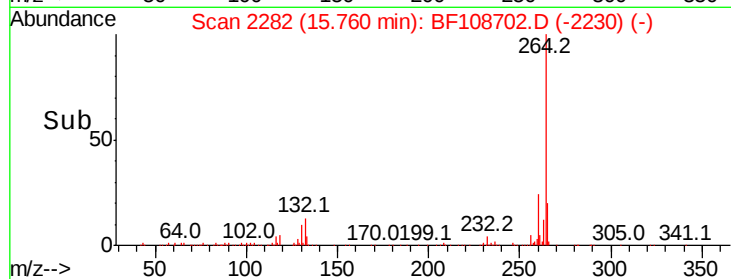
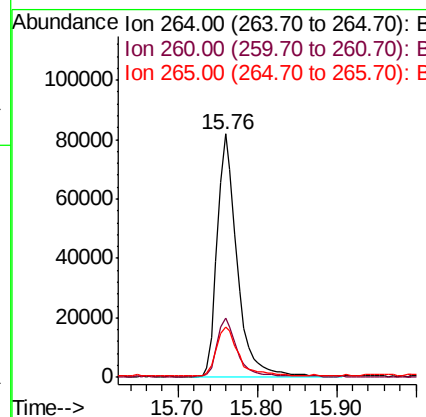
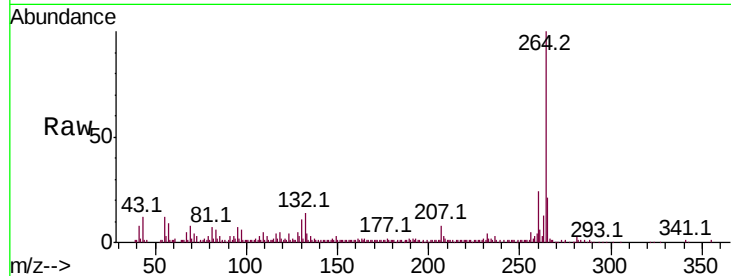
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.76 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :
BZTRANS-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.5	17.5	26.3

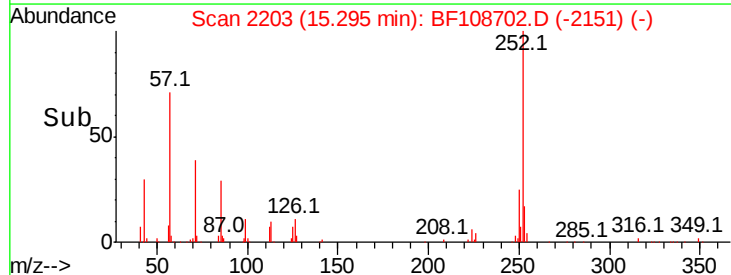
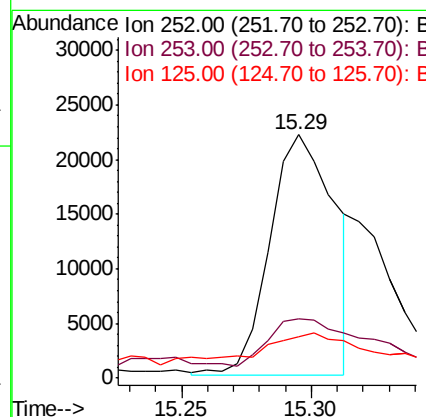
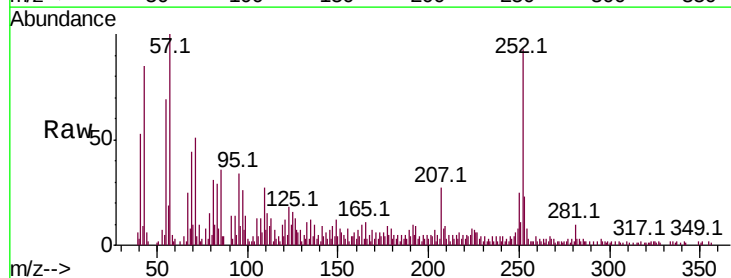
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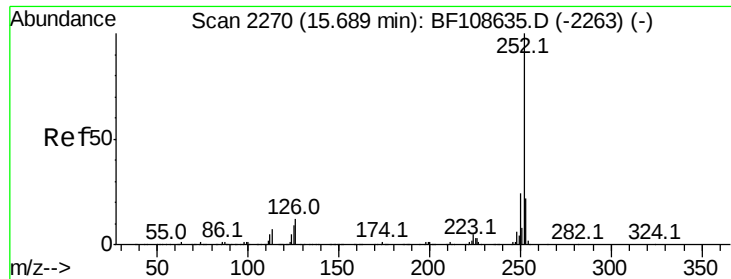
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#87
Benzo(b)fluoranthene
Concen: 4.361 ng m
RT: 15.29 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	16.8	9.0	13.6





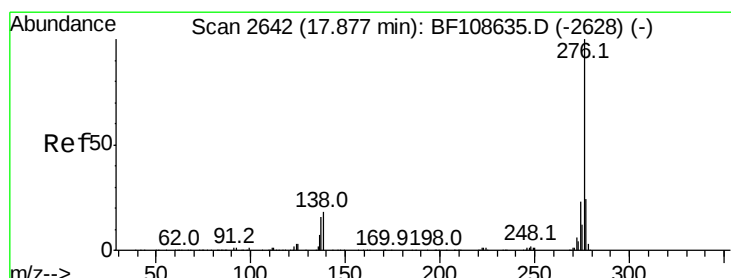
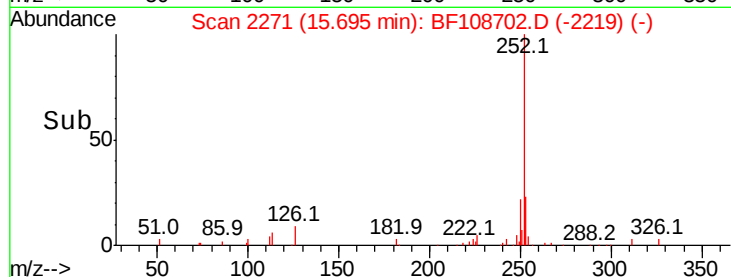
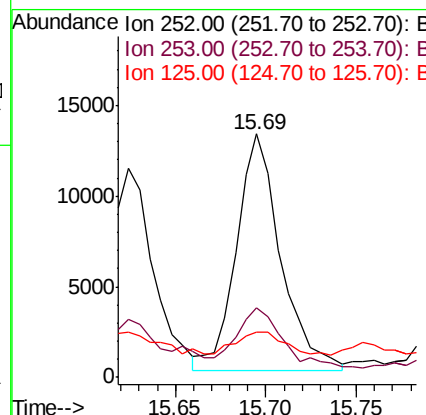
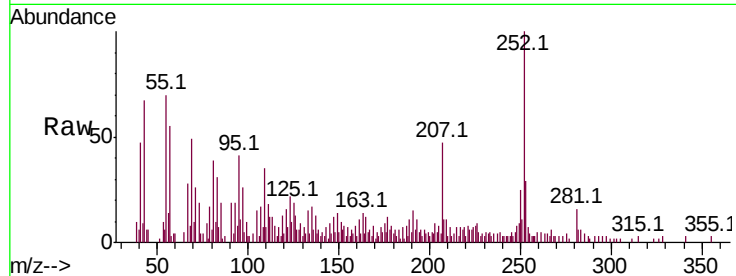
#89
Benzo(a)pyrene
Concen: 2.779 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Instrument :
BNA_F
ClientSampleId :
BZTRANS-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.1	25.7#
125	18.7	9.8	14.6#

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#91
Benzo(g,h,i)perylene
Concen: 2.933 ng
RT: 17.88 min Scan# 2643
Delta R.T. 0.01 min
Lab File: BF108702.D
Acq: 31 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	16.9	21.8	32.8#

