

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106319.D
 Acq On : 12 Jun 2018 2:15
 Operator : JU/SJ
 Sample : J3214-03RX
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-2RX

Manual Integrations
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Sohil
 6/12/2018 12:58:43 PM

Quant Time: Jun 12 08:41:31 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	6137m	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.25
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.01
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.51
75) Chrysene-d12	14.39	240	119	20.00	ng	0.24
86) Perylene-d12	16.04	264	106	20.00	ng	0.35
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	679361	1873.58	ng	0.00
7) Phenol-d6	6.58	99	928162	2026.06	ng	0.00
23) Nitrobenzene-d5	7.53	82	600941	0.00	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	154977	0.00	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1046854	0.00	ng	0.00
78) Terphenyl-d14	13.08	244	909511	189834.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	17010	48.952	ng	86
10) Phenol	6.60	94	15059	30.111	ng	93
11) bis(2-Chloroethyl)ether	6.74	93	945	2.207	ng	# 1
15) Benzyl Alcohol	7.12	79	11145	28.408	ng	# 48
19) n-Nitroso-di-n-propylamine	7.53	70	81705	237.728	ng	# 76
76) Benzidine	13.08	184	11590	2926.404	ng	# 93
77) Pyrene	12.94	202	28540	3830.805	ng	97
79) Butylbenzylphthalate	13.77	149	785	281.486	ng	# 27
80) Benzo(a)anthracene	14.13	228	15279	2157.559	ng	98
81) 3,3'-Dichlorobenzidine	14.26	252	119	49.805	ng	# 27
82) Chrysene	14.13	228	7597	1175.000	ng	95
83) Bis(2-ethylhexyl)phthalate	14.37	149	736	184.065	ng	# 53
84) Di-n-octyl phthalate	15.02	149	893	154.912	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.69	276	6465	1252.895	ng	98
87) Benzo(b)fluoranthene	15.61	252	10239	1597.952	ng	93
88) Benzo(k)fluoranthene	15.61	252	10239	1613.487	ng	96
89) Benzo(a)pyrene	15.99	252	115	19.954	ng	# 1
90) Dibenzo(a,h)anthracene	17.51	278	113	23.518	ng	# 54
91) Benzo(a,h,i)perylene	17.96	276	415	88.874	ng	# 50

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

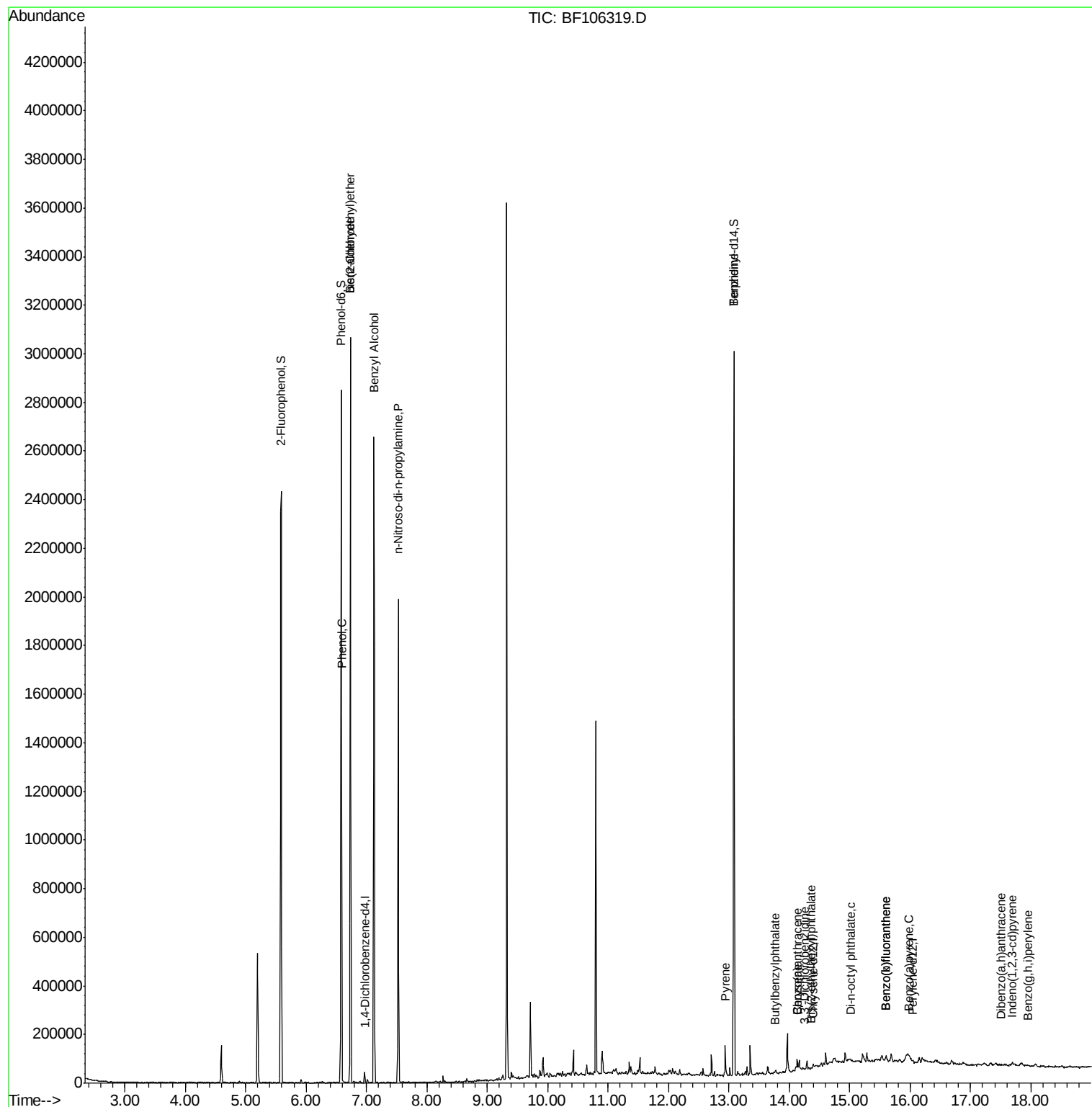
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
Data File : BF106319.D
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ALS Vial : 26 Sample Multiplier: 1

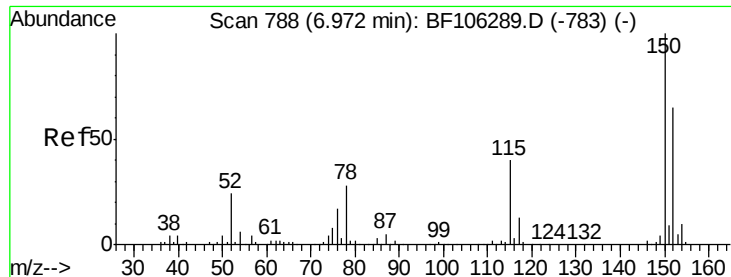
Instrument :
BNA_F
ClientSampled :
MS-CON-2RX

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

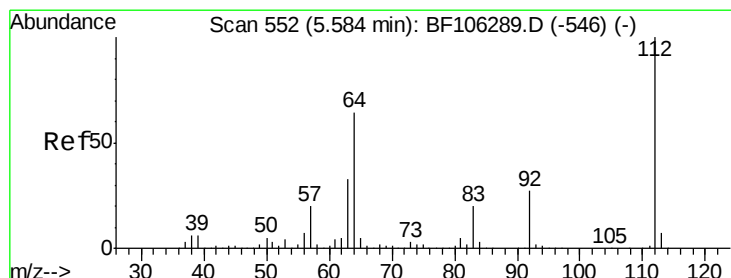
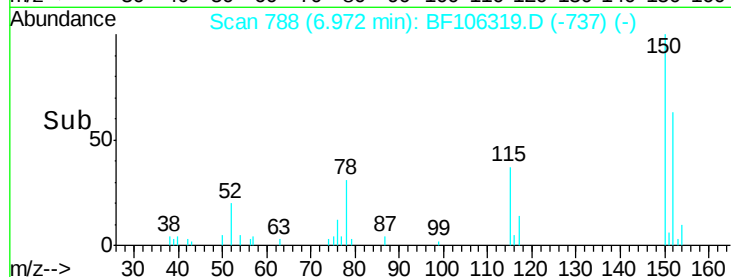
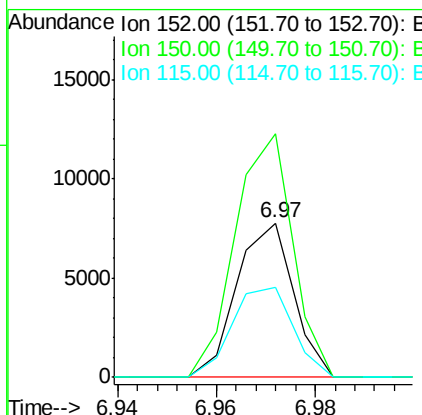
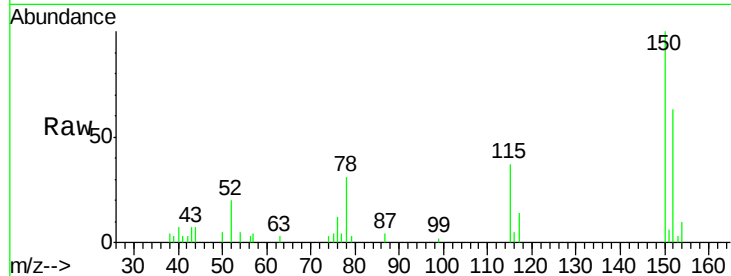
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	58.7	50.1	75.1

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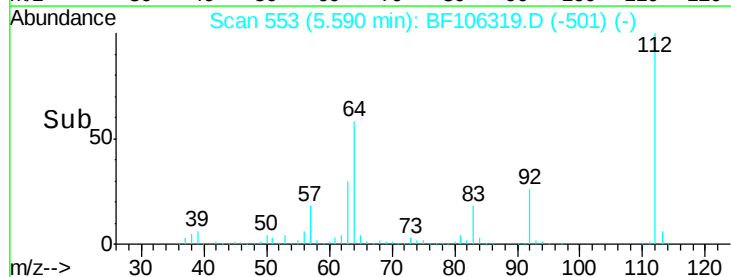
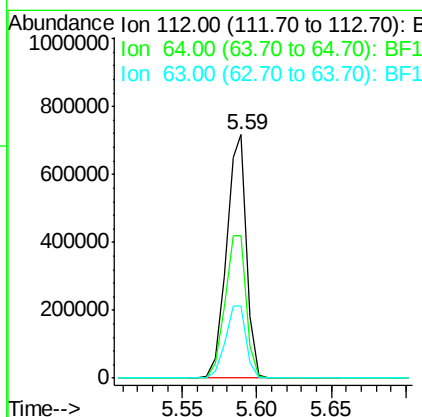
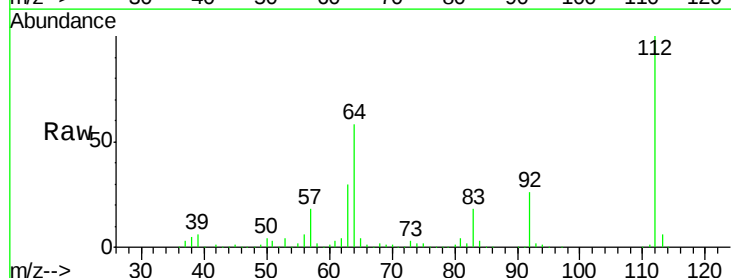
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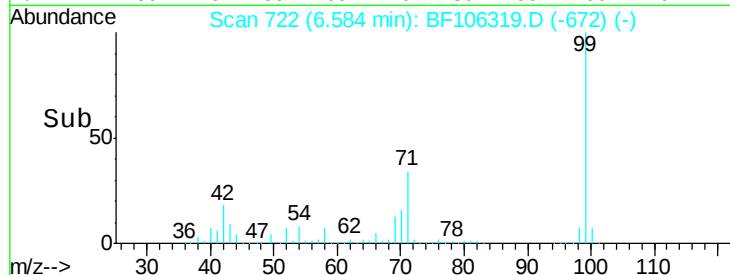
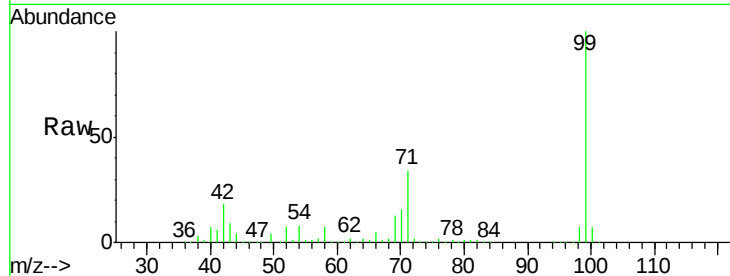


#5

2-Fluorophenol
Concen: 1873.582 ng
RT: 5.59 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.9	71.9
63	29.8	23.7	35.5





#7

Phenol-d6

Concen: 2026.062 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Tot Ion:	99	Resp:	928162
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	34.2	25.4	38.0

Instrument :

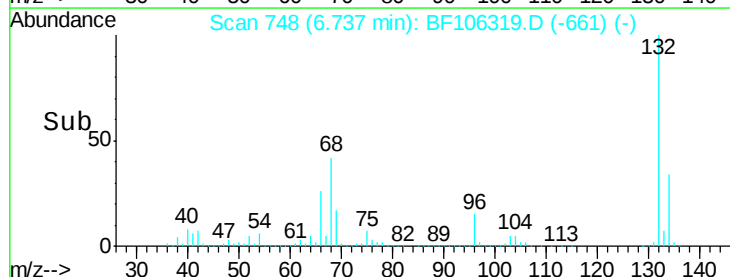
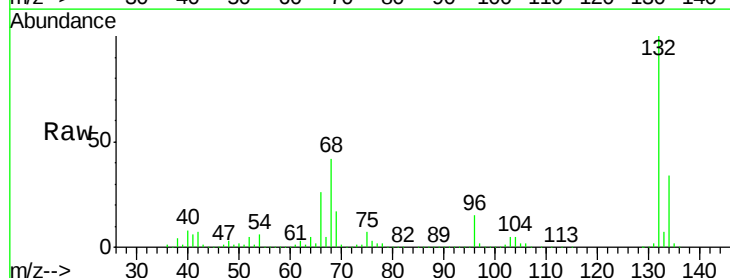
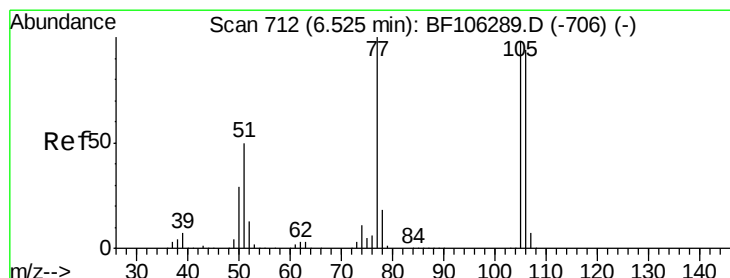
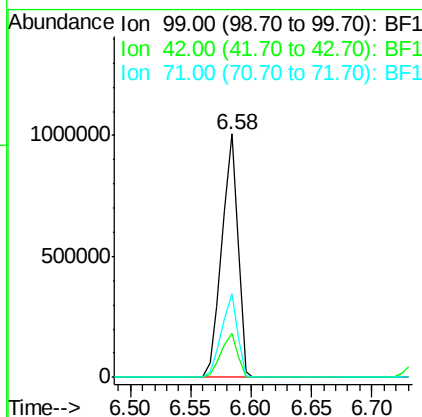
BNA_F

ClientSampleId :

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#9

Benzaldehyde

Concen: 48.952 ng

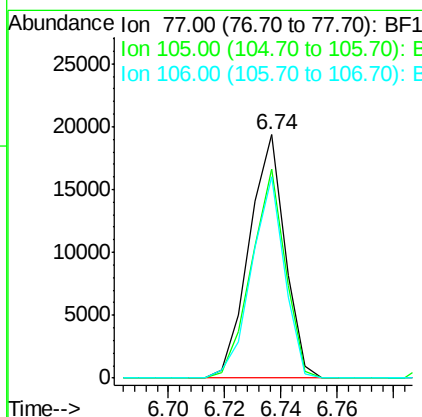
RT: 6.74 min Scan# 748

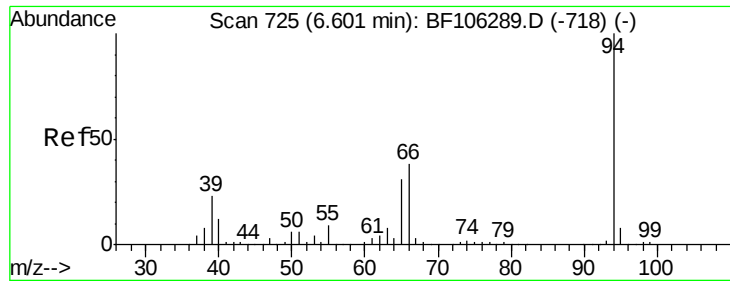
Delta R.T. 0.21 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Tgt Ion:	77	Resp:	17010
Ion Ratio	Lower	Upper	
77	100		
105	85.7	81.1	121.1
106	82.6	74.5	114.5





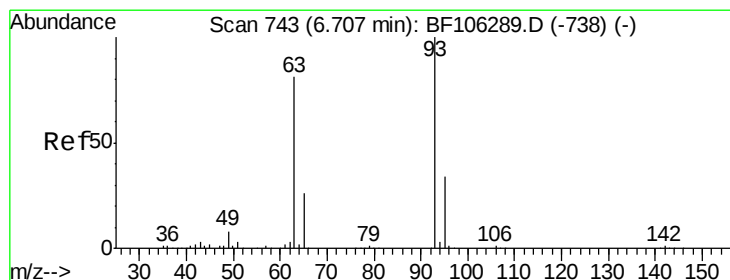
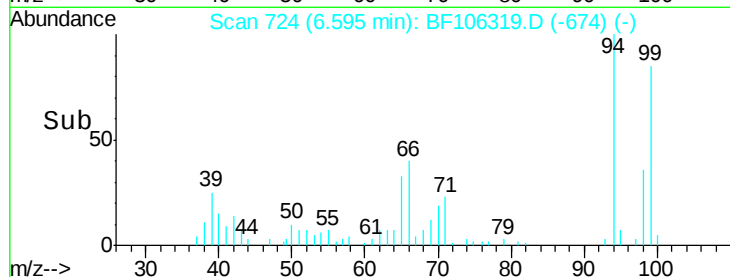
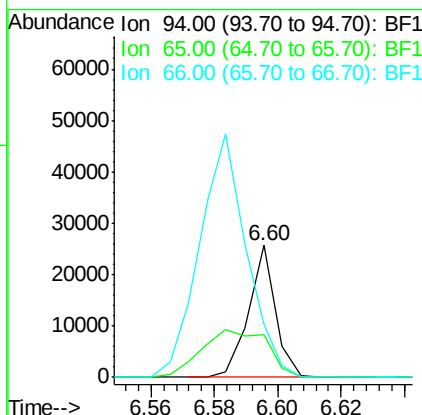
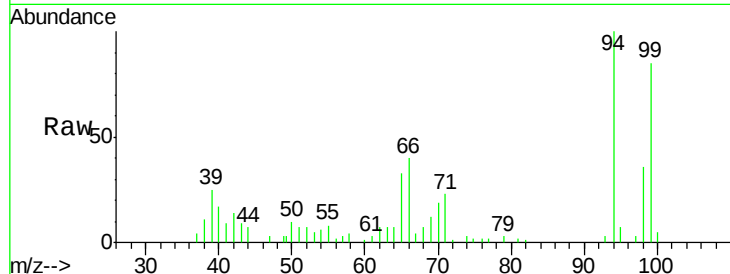
#10
Phenol
Concen: 30.111 ng
RT: 6.60 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		15059		
65	32.7	7.9	47.9		
66	39.8	16.2	56.2		

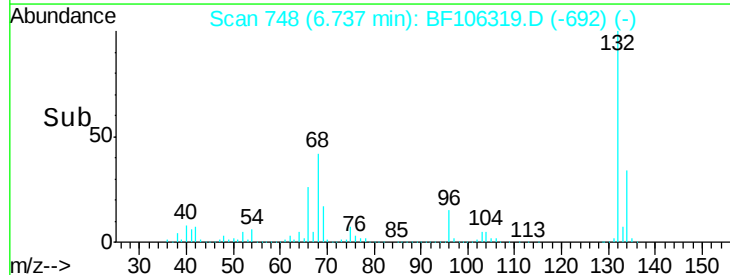
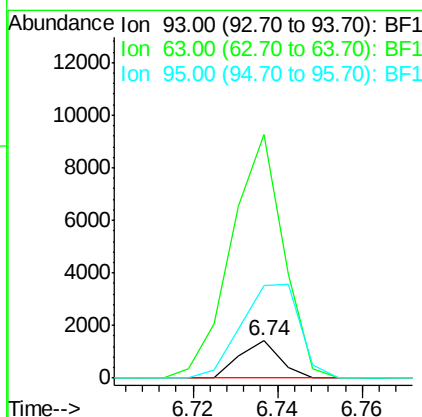
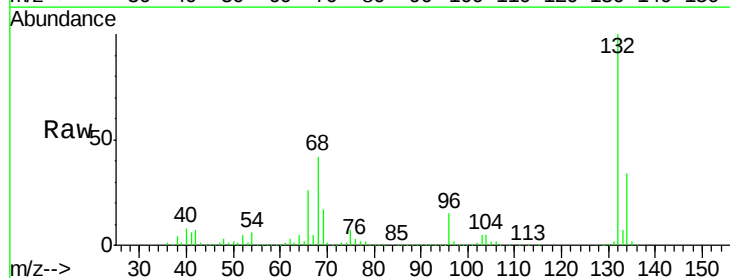
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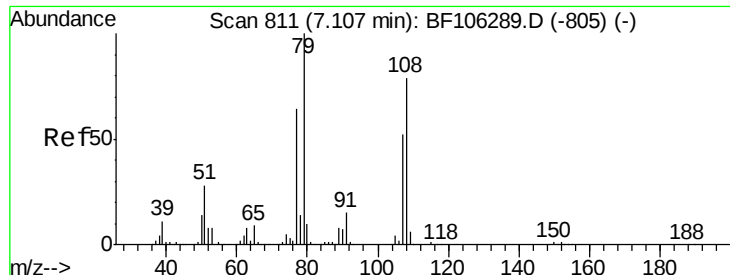
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#11
bis(2-Chloroethyl)ether
Concen: 2.207 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.03 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		945		
63	651.7	58.6	98.6#		
95	248.7	11.8	51.8#		





#15

Benzyl Alcohol

Concen: 28.408 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.02 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Instrument :

BNA_F

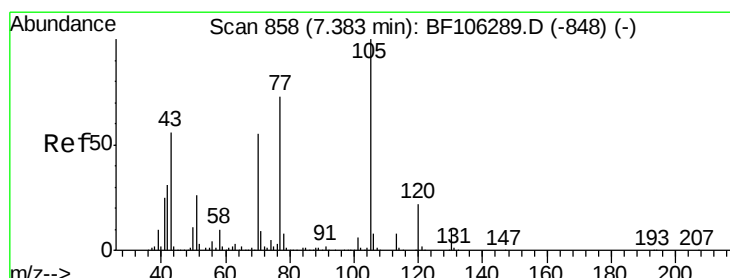
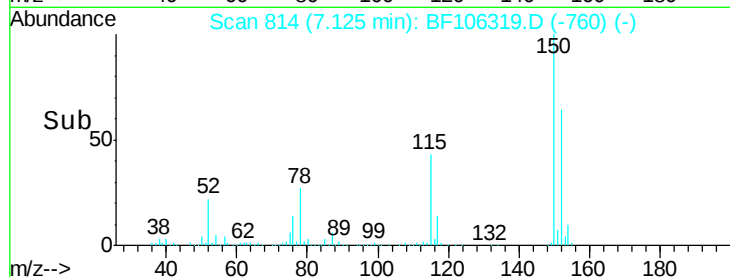
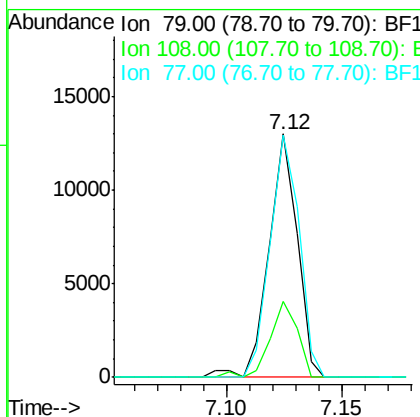
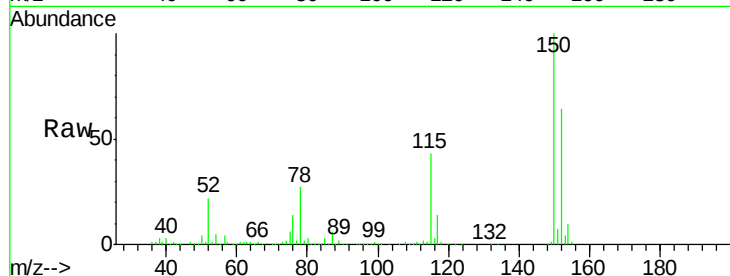
ClientSampleId :

MS-CON-2RX

Tot Ion:	79	Resp:	11145
Ion Ratio	Lower	Upper	
79	100		
108	31.3	65.1	97.7#
77	99.4	50.6	75.8#

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#19

n-Nitroso-di-n-propylamine

Concen: 237.728 ng

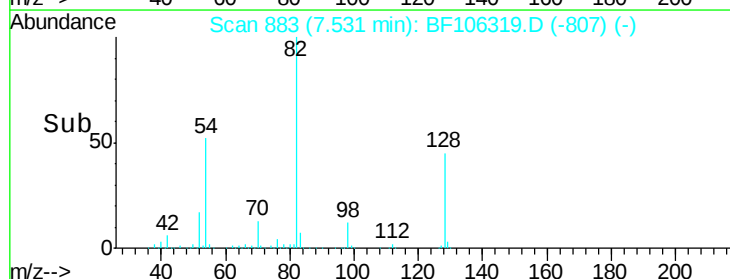
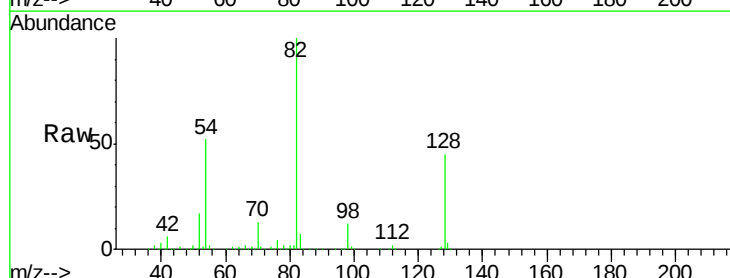
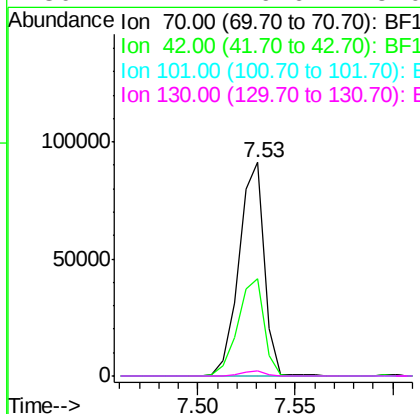
RT: 7.53 min Scan# 883

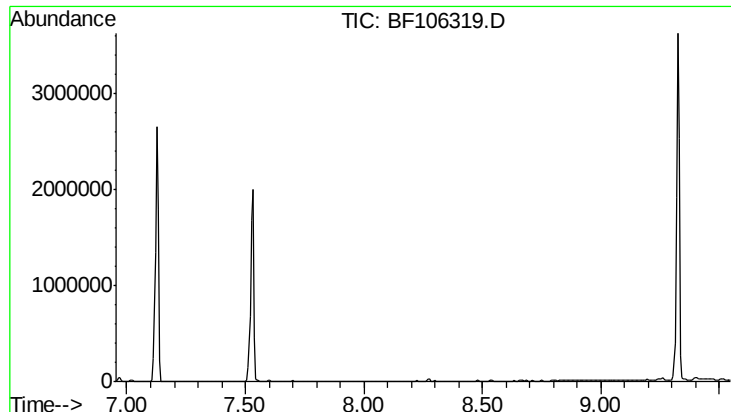
Delta R.T. 0.15 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Tgt Ion:	70	Resp:	81705
Ion Ratio	Lower	Upper	
70	100		
42	45.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#





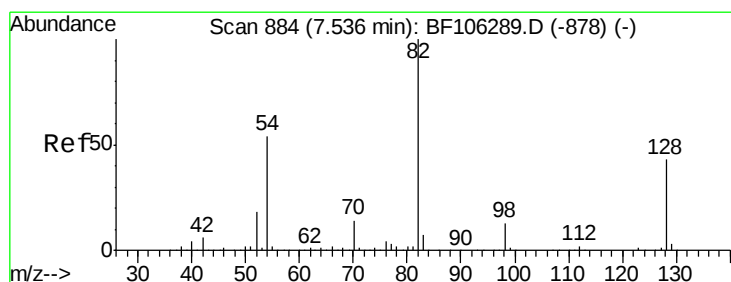
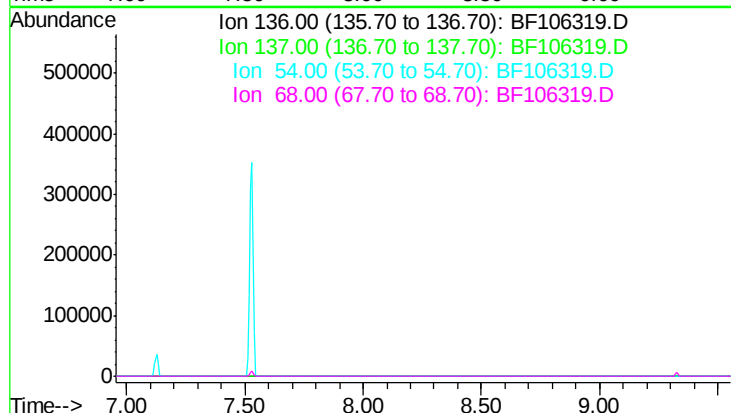
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.25 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tot Ion	136	137	54	68
Exp Ratio	100	11.1	8.2	6.2

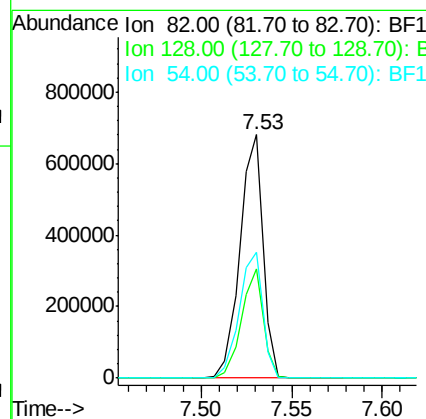
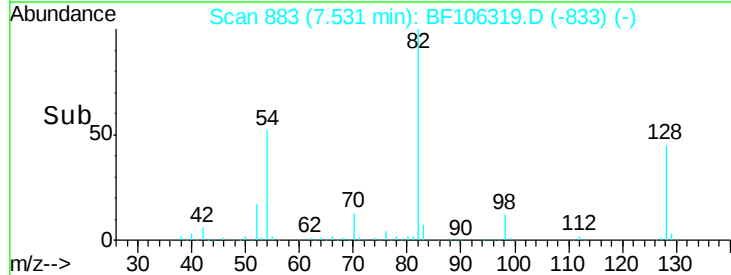
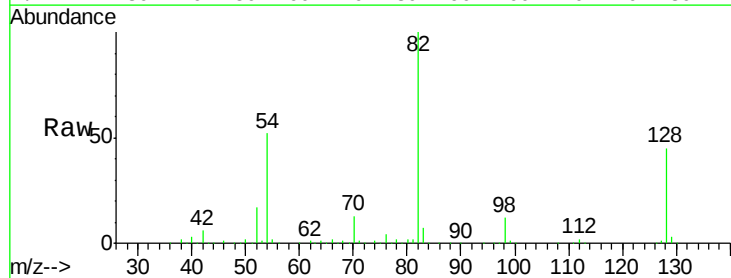
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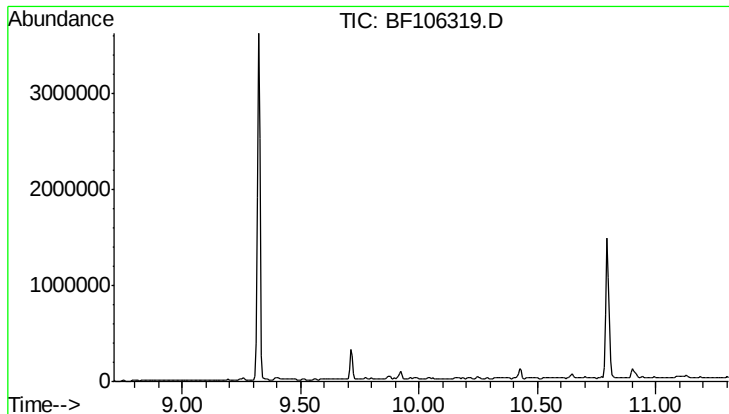
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#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion	82	128	54
Resp	600941		
Ratio	100	45.0	51.7
Lower		36.1	41.4
Upper		54.1	62.2





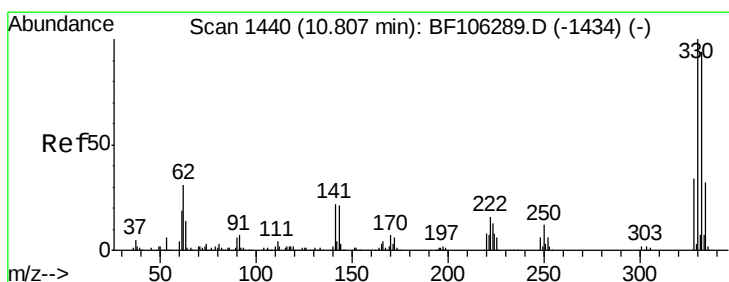
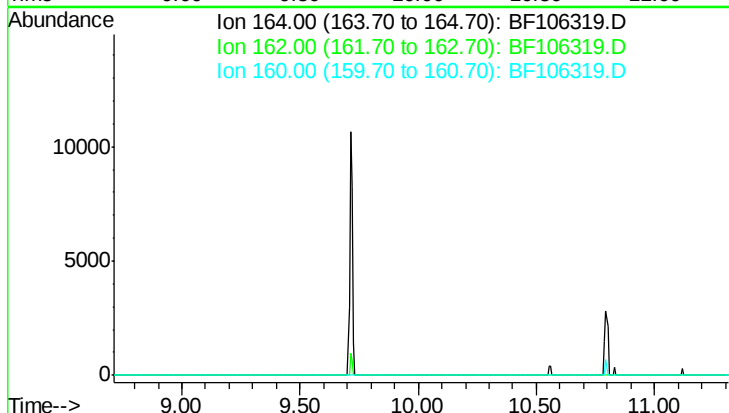
#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 10.01 min
 Lab File: BF106319.D
 Acq: 12 Jun 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-2RX

Tot Ion: 164
 Sig Exp Ratio
 164 100
 162 107.6
 160 47.9

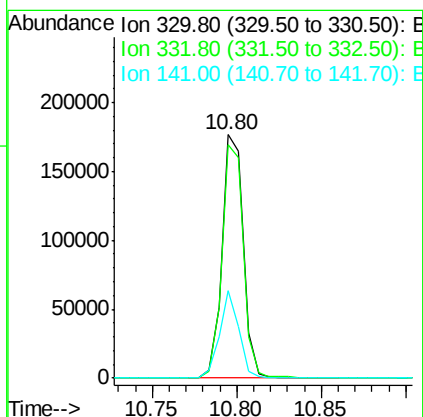
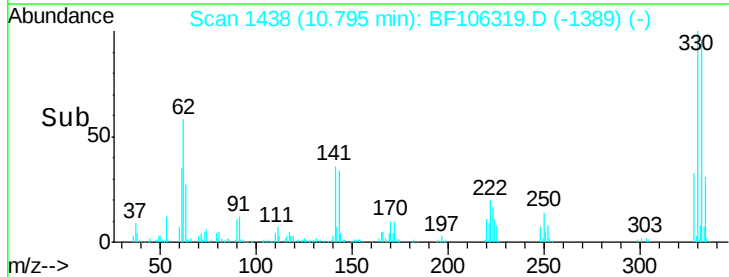
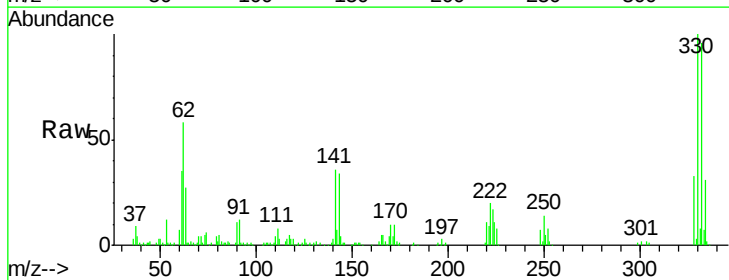
Manual Integrations
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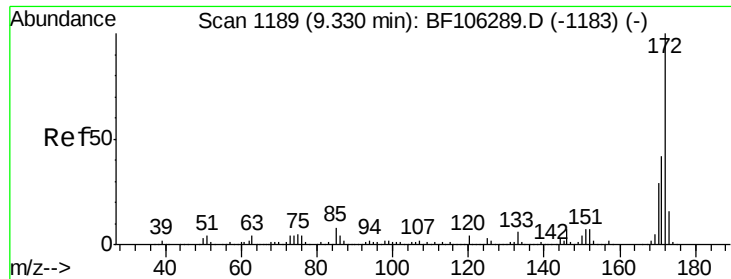
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#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106319.D
 Acq: 12 Jun 2018 2:15

Tgt Ion: 330 Resp: 154977
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.2 29.9 44.9





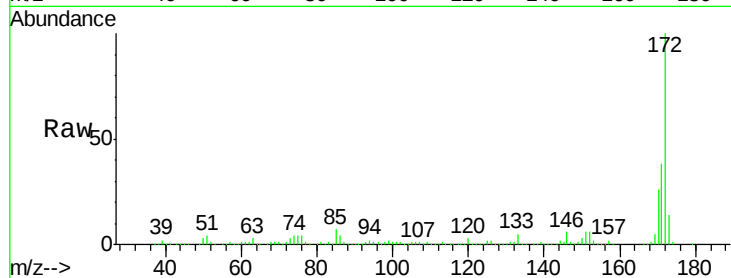
#44
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 9.32 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.4	29.7	44.5	
170	25.6	19.6	29.4	

Manual Integrations
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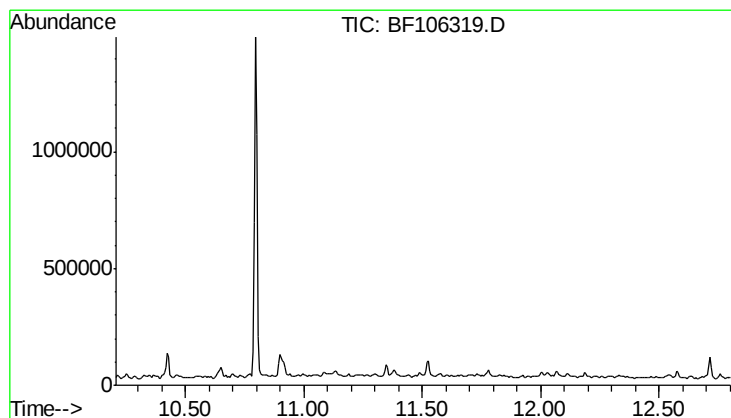
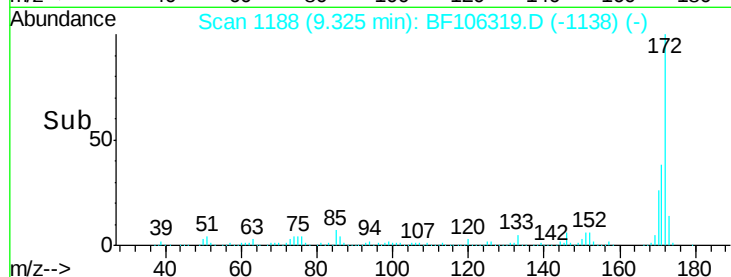
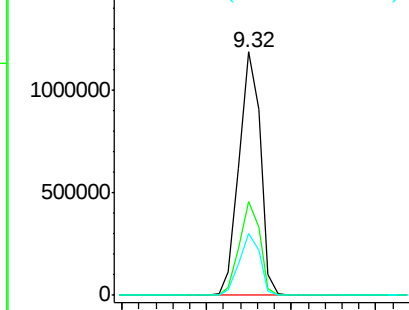


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

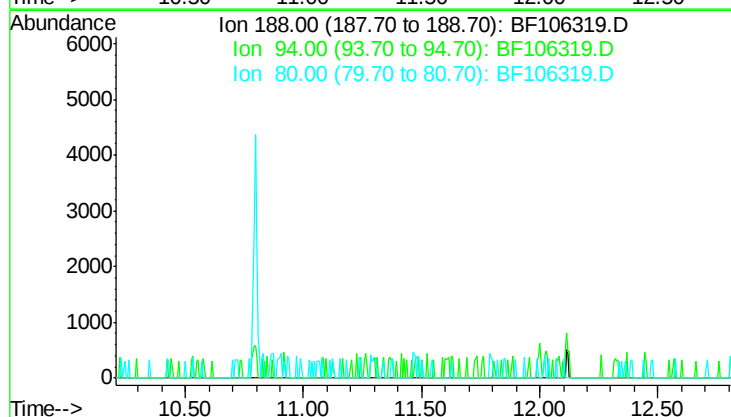
Ion 170.00 (169.70 to 170.70): E

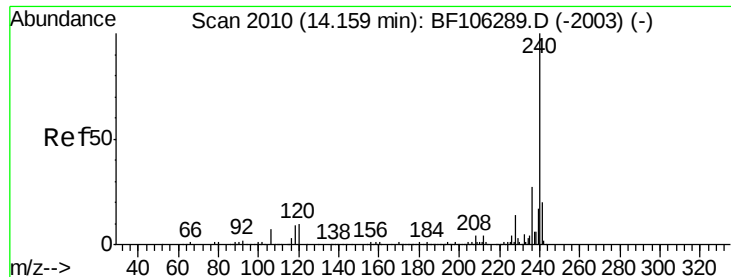


#63
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 11.51 min

Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion	Sig	Exp Ratio
188	100	
94	10.6	
80	11.5	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.39 min Scan# 2050

Delta R.T. 0.24 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Instrument :

BNA_F

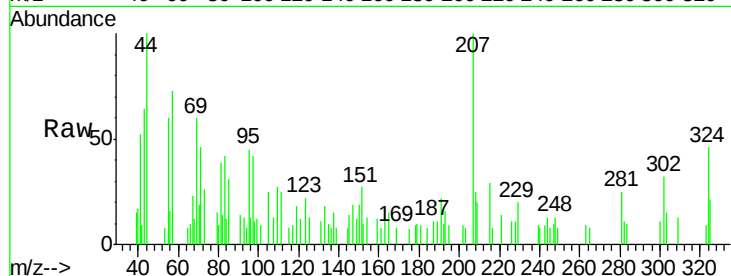
ClientSampleID :

MS-CON-2RX

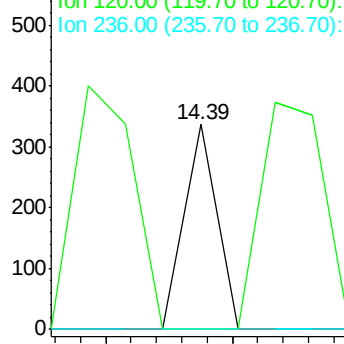
Tot Ion:	240	Resp:	119
Ion Ratio	Lower	Upper	
240	100		
120	0.0	9.5	14.3#
236	0.0	20.7	31.1#

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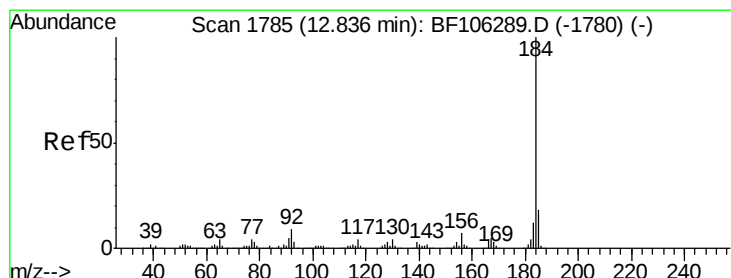
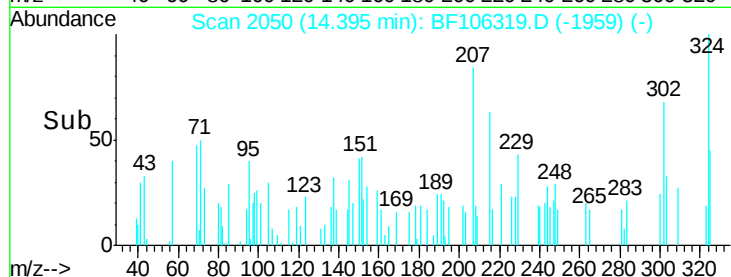
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 2926.404 ng

RT: 13.08 min Scan# 1827

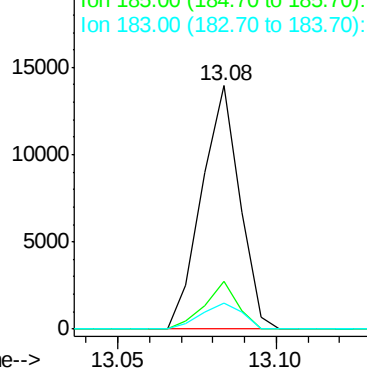
Delta R.T. 0.25 min

Lab File: BF106319.D

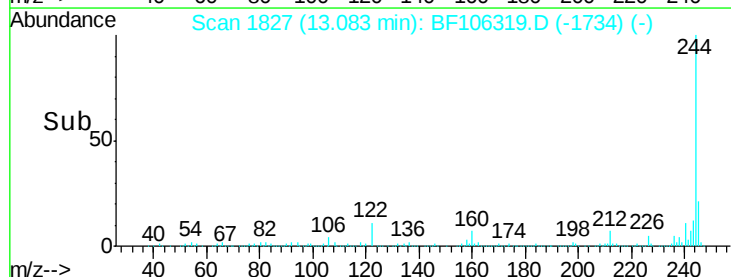
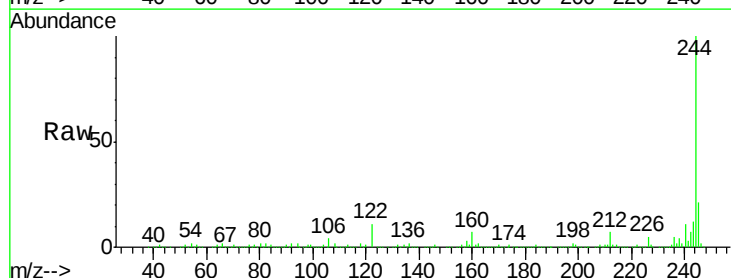
Acq: 12 Jun 2018 2:15

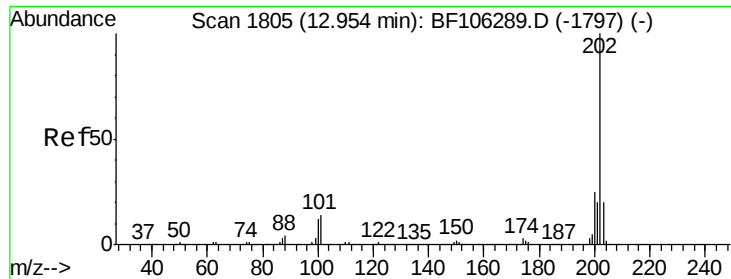
Tgt Ion:	184	Resp:	11590
Ion Ratio	Lower	Upper	
184	100		
185	19.7	12.6	18.8#
183	10.7	9.3	13.9

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 3830.805 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Instrument :

BNA_F

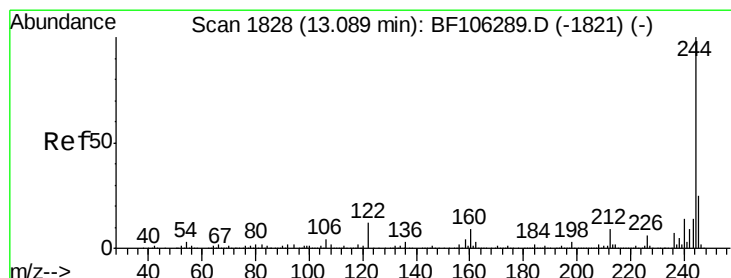
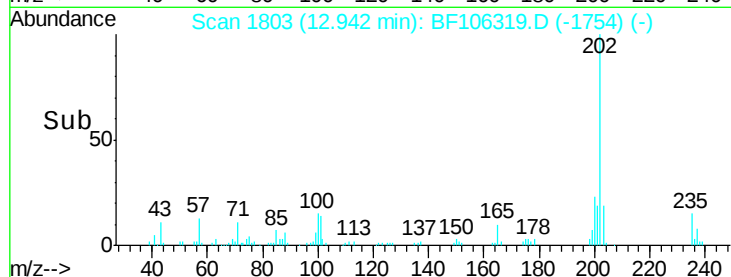
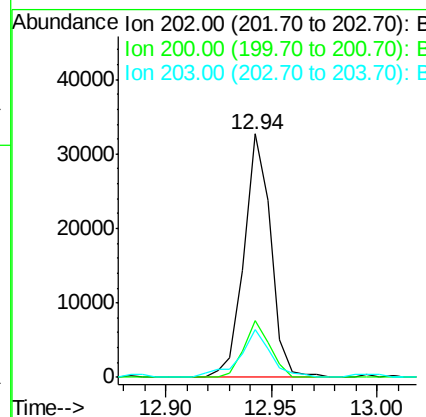
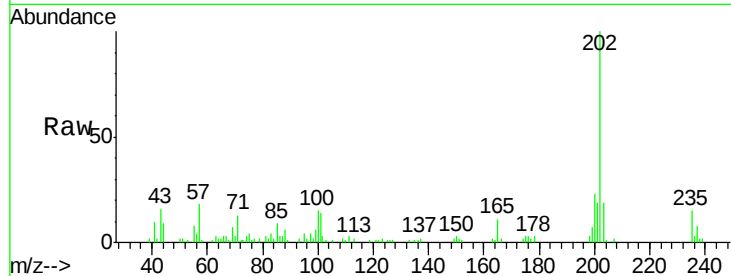
ClientSampleId :

MS-CON-2RX

Tot Ion:	202	Resp:	28540
Ion Ratio		Lower	Upper
202	100		
200	23.1	17.4	26.2
203	19.4	14.3	21.5

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#78

Terphenyl-d14

Concen: 189834.222 ng

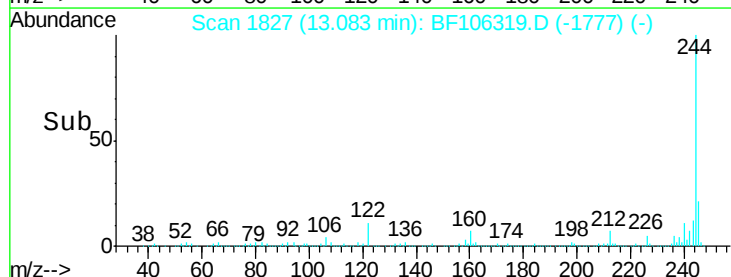
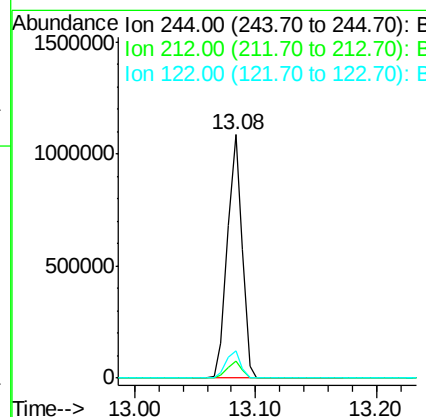
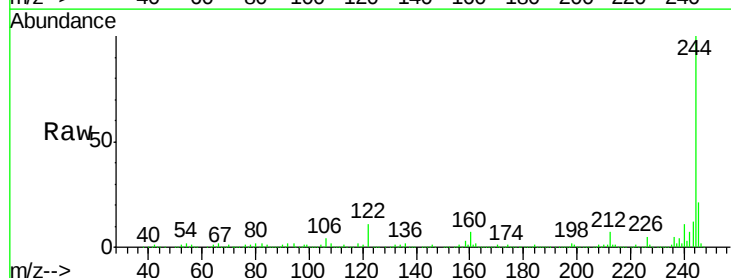
RT: 13.08 min Scan# 1827

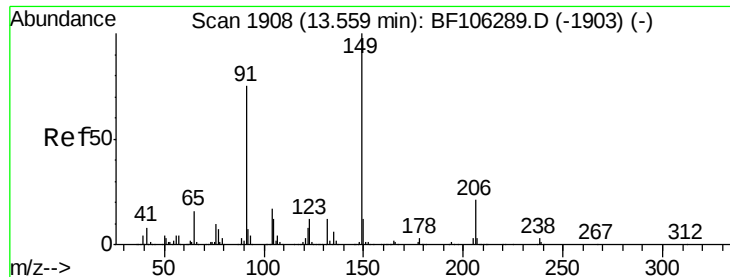
Delta R.T. -0.01 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Tgt Ion:	244	Resp:	909511
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	11.0	11.0	16.4





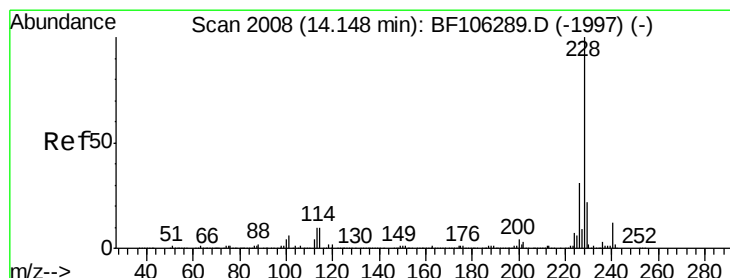
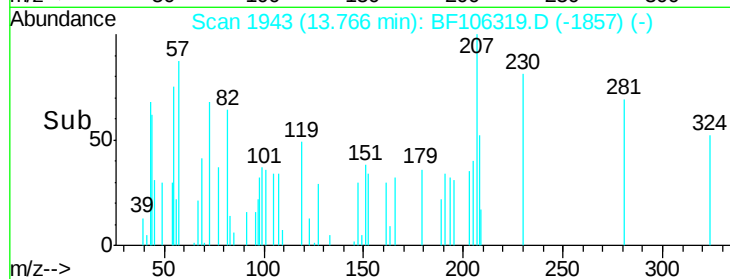
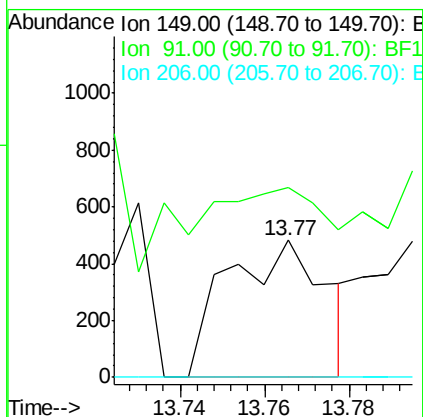
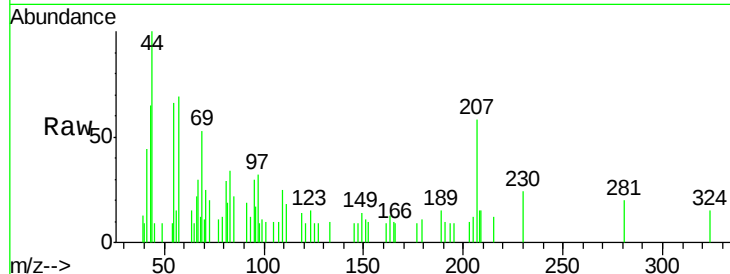
#79
Butylbenzylphthalate
Concen: 281.486 ng
RT: 13.77 min Scan# 1943
Delta R.T. 0.21 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tot Ion	Ratio	Lower	Upper
149	100		
91	138.3	56.8	85.2#
206	0.0	14.1	21.1#

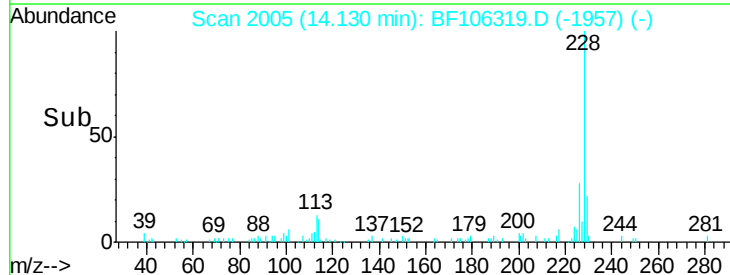
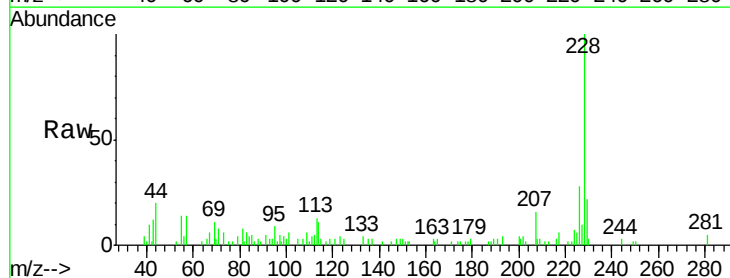
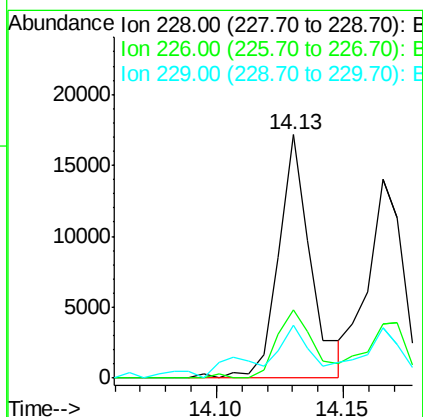
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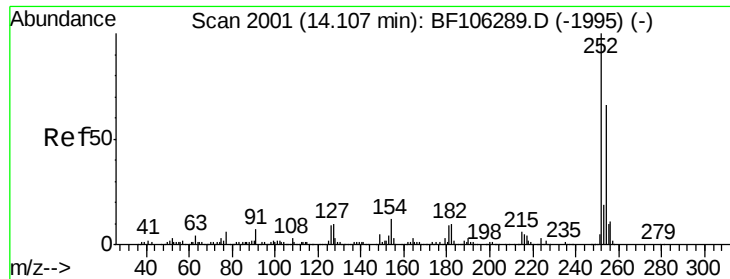
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#80
Benzo(a)anthracene
Concen: 2157.559 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	21.9	15.8	23.6





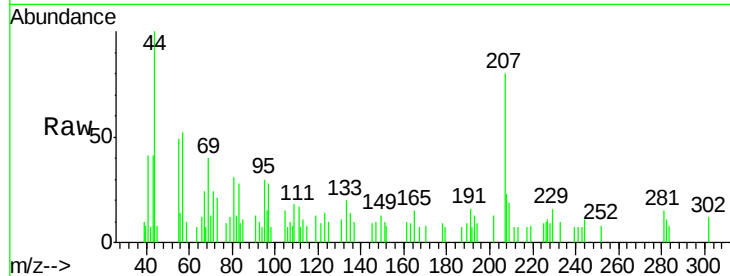
#81
 3,3'-Dichlorobenzidine
 Concen: 49.805 ng
 RT: 14.26 min Scan# 2027
 Delta R.T. 0.15 min
 Lab File: BF106319.D
 Acq: 12 Jun 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-2RX

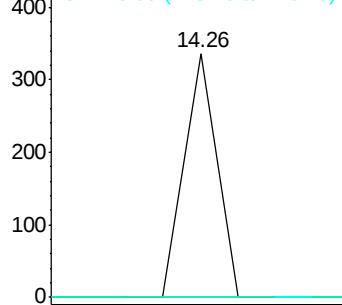
Tot Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	0.0	11.3	16.9#

Manual Integrations
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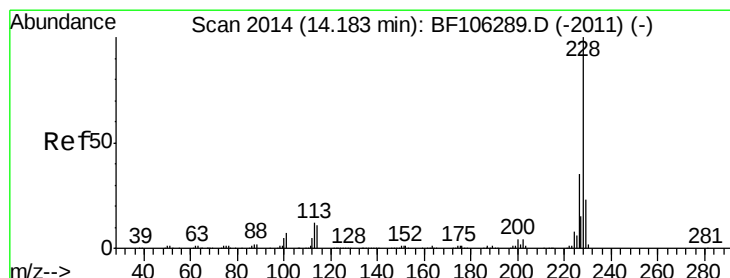
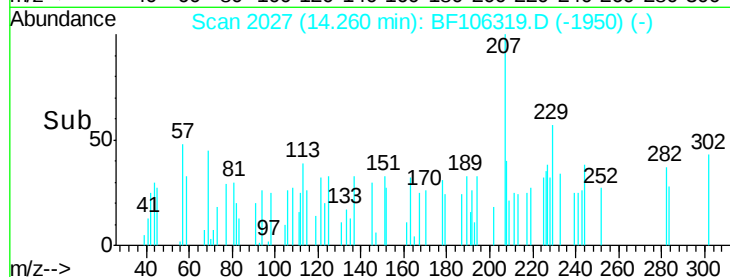
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Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



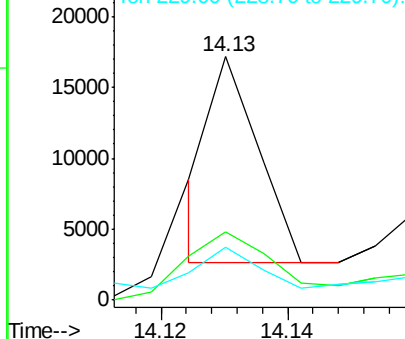
Time--> 14.24 14.26



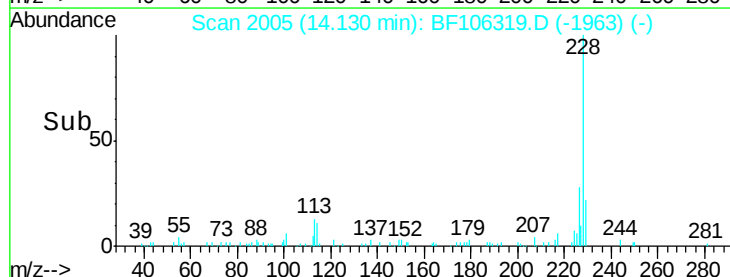
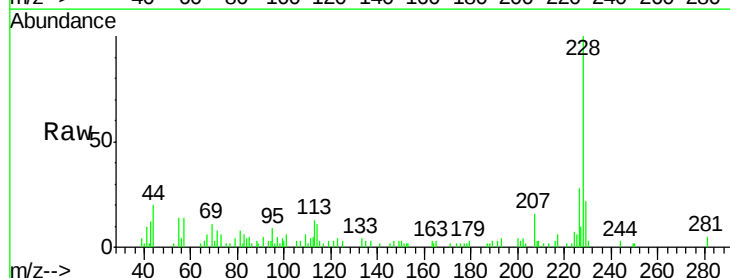
#82
 Chrysene
 Concen: 1175.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.05 min
 Lab File: BF106319.D
 Acq: 12 Jun 2018 2:15

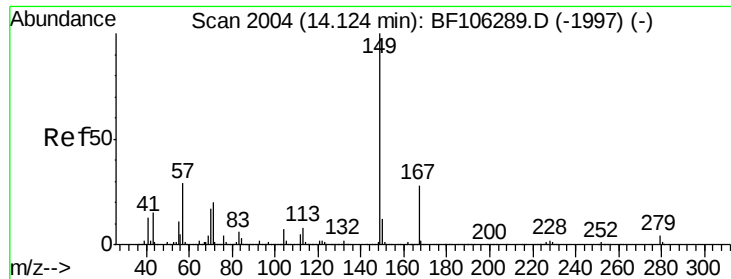
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	25.0	37.6
229	21.9	16.2	24.4

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



Time--> 14.12 14.14





#83

Bis(2-ethylhexyl)phthalate

Concen: 184.065 ng

RT: 14.37 min Scan# 2045

Delta R.T. 0.24 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Instrument :

BNA_F

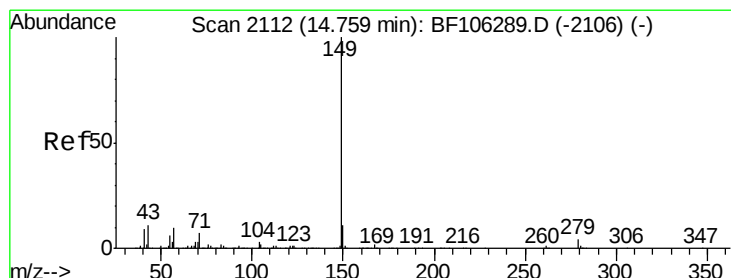
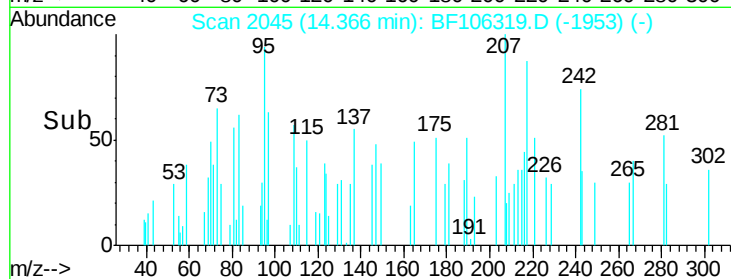
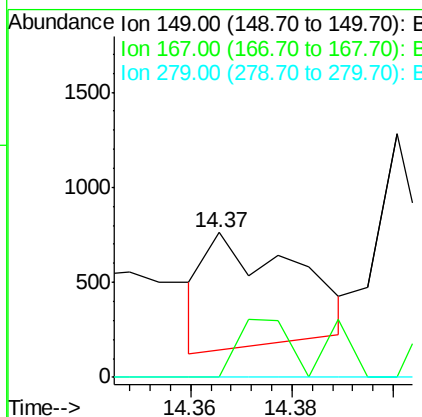
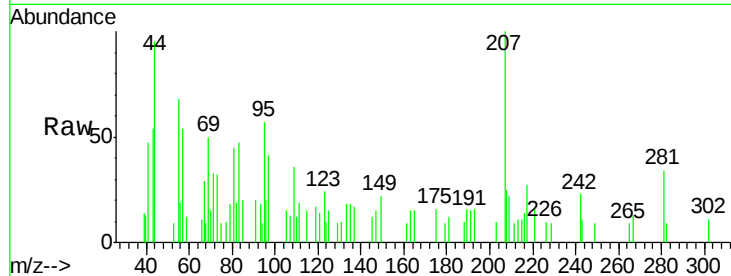
ClientSampleId :

MS-CON-2RX

Tot Ion:	149	Resp:	736
Ion Ratio	Lower	Upper	
149	100		
167	0.0	21.3	31.9#
279	0.0	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 154.912 ng

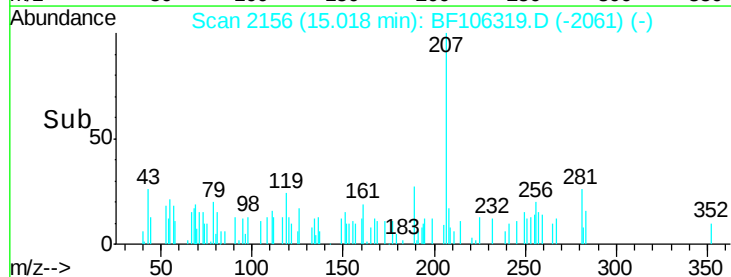
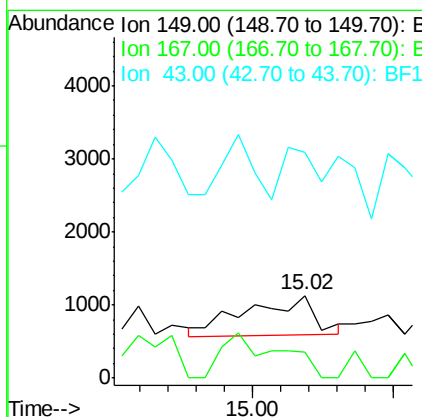
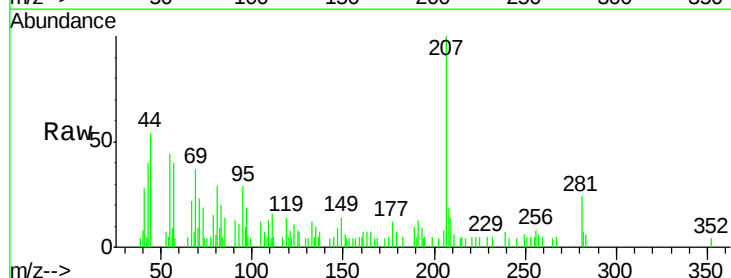
RT: 15.02 min Scan# 2156

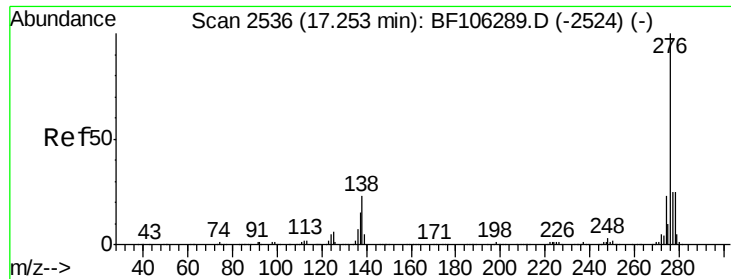
Delta R.T. 0.26 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Tgt Ion:	149	Resp:	893
Ion Ratio	Lower	Upper	
149	100		
167	0.0	1.2	1.8#
43	155.0	8.4	12.6#





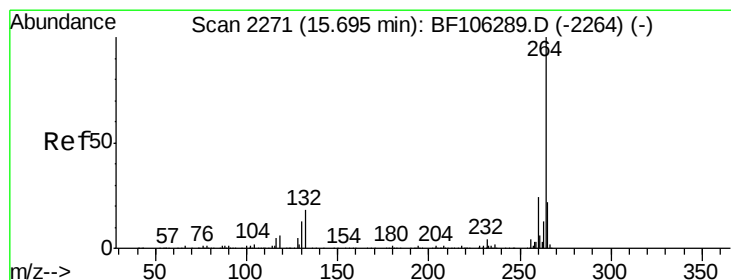
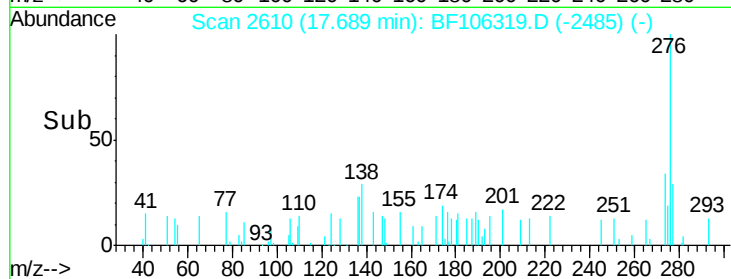
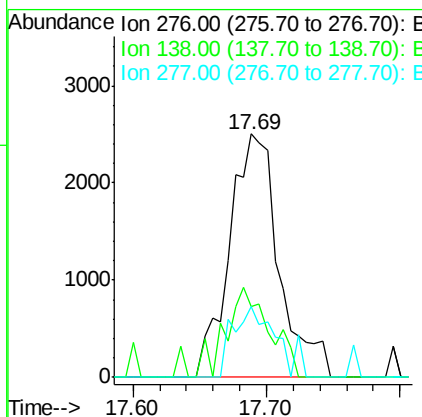
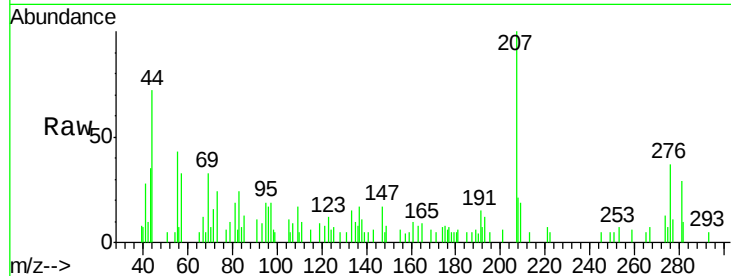
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1252.895 ng
 RT: 17.69 min Scan# 2610
 Delta R.T. 0.44 min
 Lab File: BF106319.D
 Acq: 12 Jun 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-2RX

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	25.8	20.1	30.1

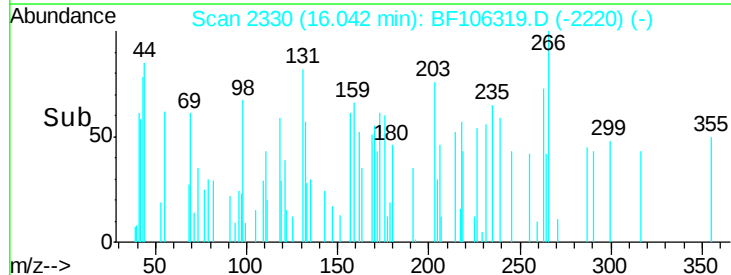
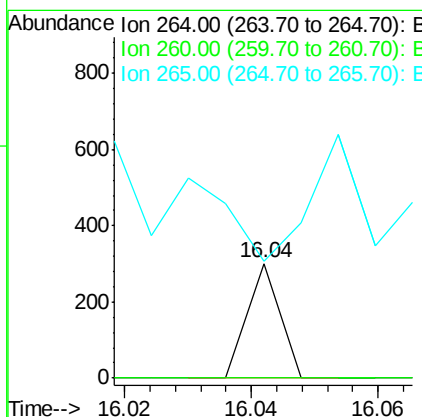
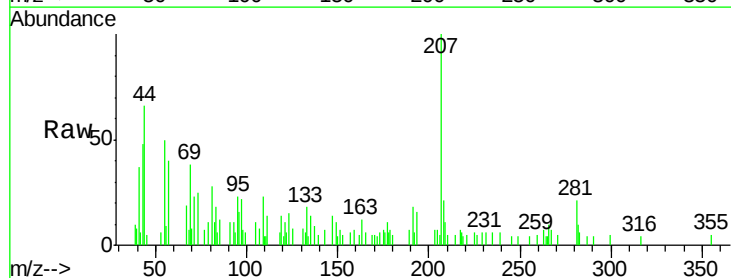
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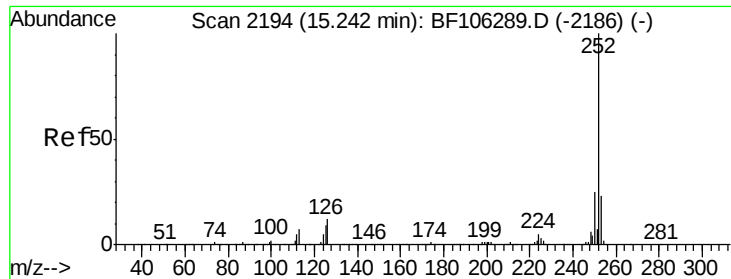
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 16.04 min Scan# 2330
 Delta R.T. 0.35 min
 Lab File: BF106319.D
 Acq: 12 Jun 2018 2:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.2	28.8#
265	102.0	17.5	26.3#





#87

Benzo(b)fluoranthene

Concen: 1597.952 ng

RT: 15.61 min Scan# 2256

Delta R.T. 0.36 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Instrument :

BNA_F

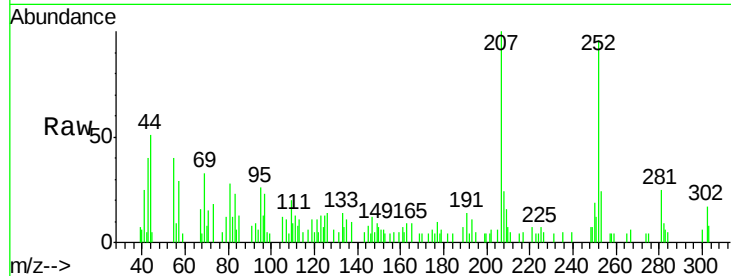
ClientSampleId :

MS-CON-2RX

Tot Ion:	252	Resp:	10239
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.0	25.6
125	13.5	9.0	13.6

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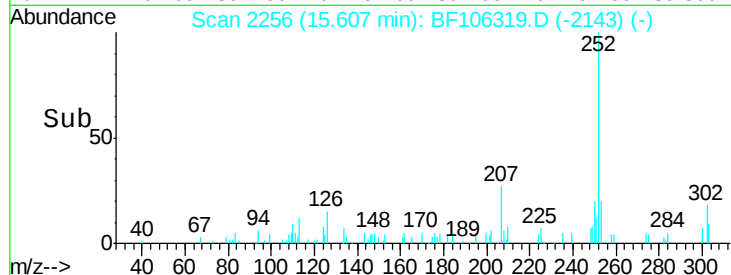


Abundance Ion 252.00 (251.70 to 252.70): E

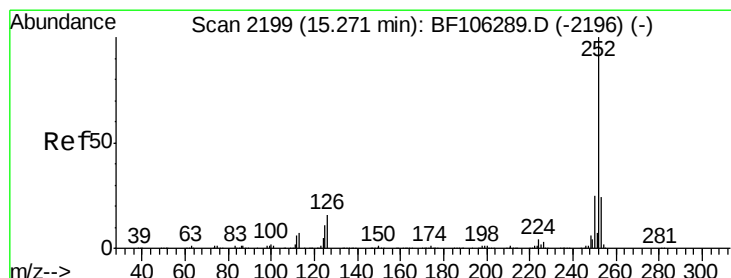
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#88

Benzo(k)fluoranthene

Concen: 1613.487 ng

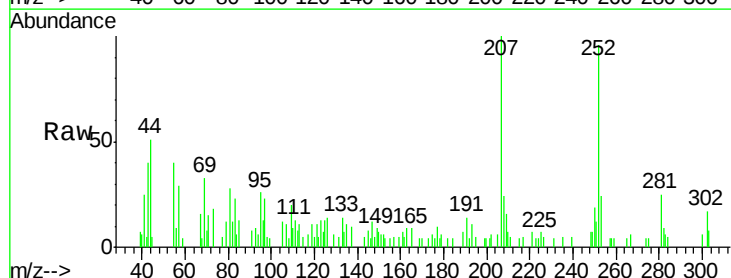
RT: 15.61 min Scan# 2256

Delta R.T. 0.34 min

Lab File: BF106319.D

Acq: 12 Jun 2018 2:15

Tgt Ion:	252	Resp:	10239
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.9	26.9
125	13.5	10.2	15.2

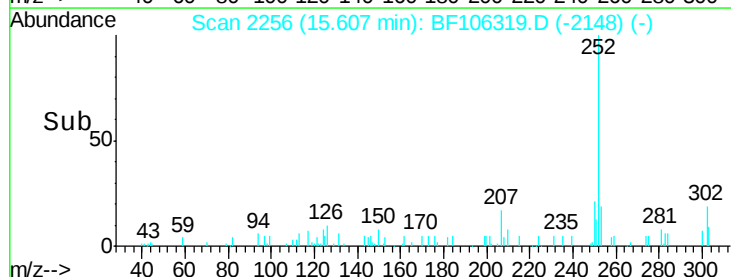


Abundance Ion 252.00 (251.70 to 252.70): E

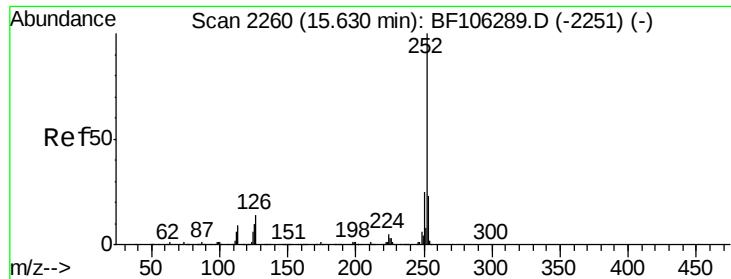
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



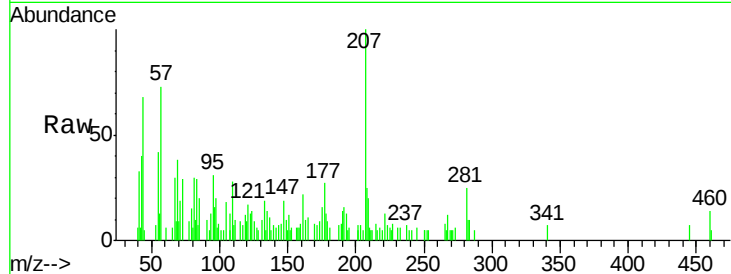
#89
Benzo(a)pyrene
Concen: 19.954 ng
RT: 15.99 min Scan# 2321
Delta R.T. 0.36 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Instrument :
BNA_F
ClientSampleId :
MS-CON-2RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	92.9	17.1	25.7#
125	190.8	9.8	14.6#

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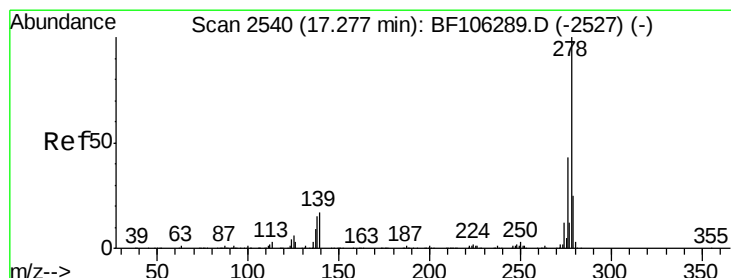
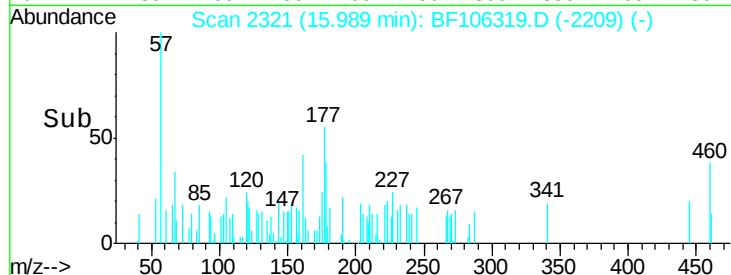
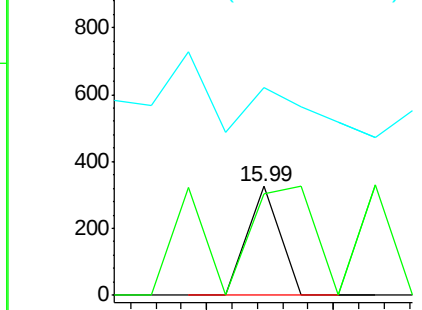


Abundance

Ion 252.00 (251.70 to 252.70): E

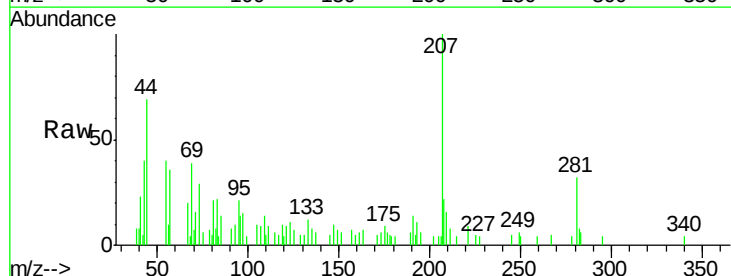
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 23.518 ng
RT: 17.51 min Scan# 2580
Delta R.T. 0.24 min
Lab File: BF106319.D
Acq: 12 Jun 2018 2:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	0.0	19.0	28.4#

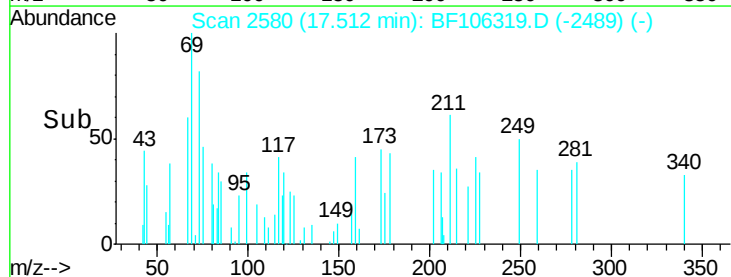
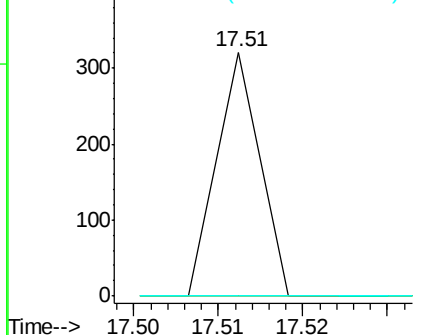


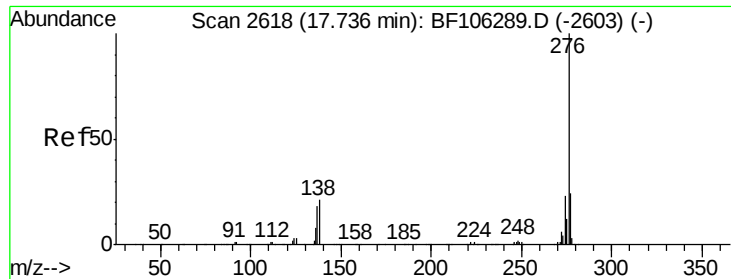
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





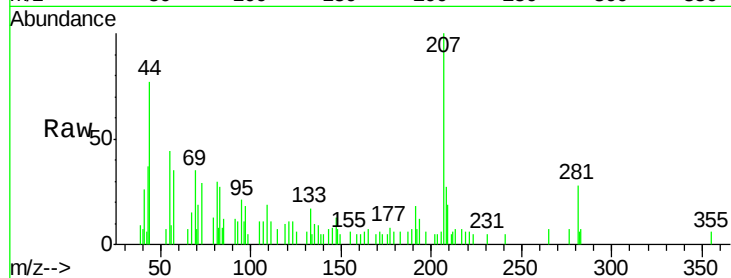
#91
 Benzo(a,h,i)perylene
 Concen: 88.874 ng
 RT: 17.96 min Scan# 2656
 Delta R.T. 0.22 min
 Lab File: BF106319.D
 Acq: 12 Jun 2018 2:15

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON-2RX

Tot Ion	Ratio	Lower	Upper
276	100		
277	0.0	17.9	26.9#
138	0.0	21.8	32.8#

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

