

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108307.D
 Acq On : 20 Aug 2018 23:00
 Operator : JU/SJ
 Sample : J4539-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-RO-27186

Manual Integrations
 APPROVED

Sohil
 8/21/2018 1:43:21 PM

Quant Time: Aug 21 02:04:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	149766	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	510740	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	191974	20.00	ng	0.00
63) Phenanthrene-d10	11.58	188	270262	20.00	ng	0.02
75) Chrysene-d12	14.24	240	199977	20.00	ng	0.02
86) Perylene-d12	15.81	264	178840	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	912004	110.25	ng	0.02
7) Phenol-d6	6.64	99	1195137	108.72	ng	0.01
23) Nitrobenzene-d5	7.58	82	717172	78.36	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	202675	105.84	ng	0.01
44) 2-Fluorobiphenyl	9.38	172	1097591	91.79	ng	0.00
78) Terphenyl-d14	13.17	244	773769	98.38	ng	0.02
Target Compounds						
49) Dimethylphthalate	9.77	163	76129	5.693	ng	# 97
70) Phenanthrene	11.60	178	76253	5.982	ng	# 79
74) Fluoranthene	12.81	202	137177	9.860	ng	# 1
77) Pyrene	13.04	202	117126	9.251	ng	# 35
80) Benzo(a)anthracene	14.22	228	57263	4.990	ng	# 88
82) Chrysene	14.27	228	52452	4.985	ng	# 86
85) Indeno(1,2,3-cd)pyrene	17.44	276	31062	3.407	ng	92
87) Benzo(b)fluoranthene	15.34	252	73339m	6.863	ng	
88) Benzo(k)fluoranthene	15.37	252	28543m	2.906	ng	
89) Benzo(a)pyrene	15.74	252	47009	4.912	ng	# 12
91) Benzo(g,h,i)perylene	17.94	276	29634	3.801	ng	# 87

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

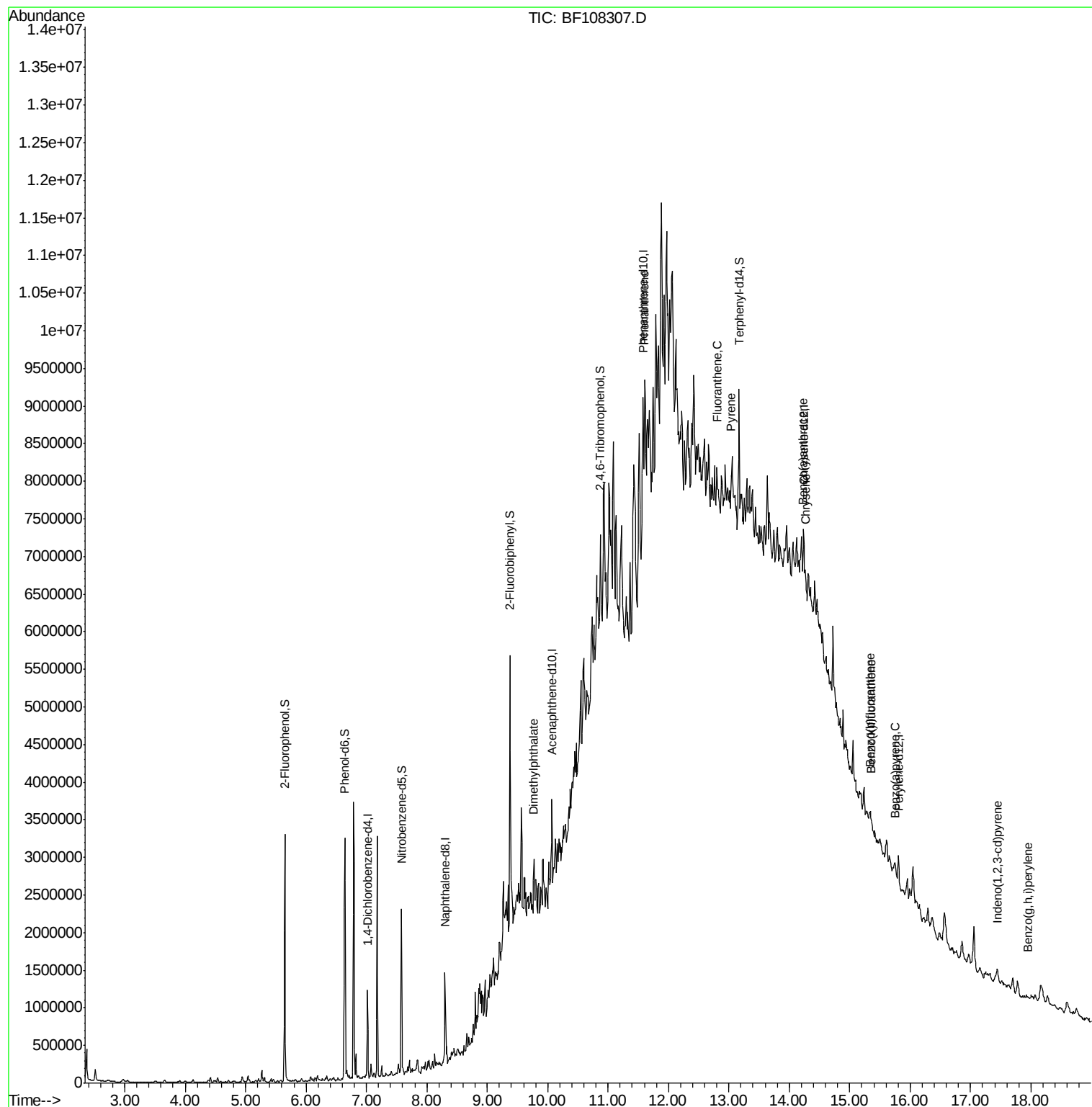
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
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#1

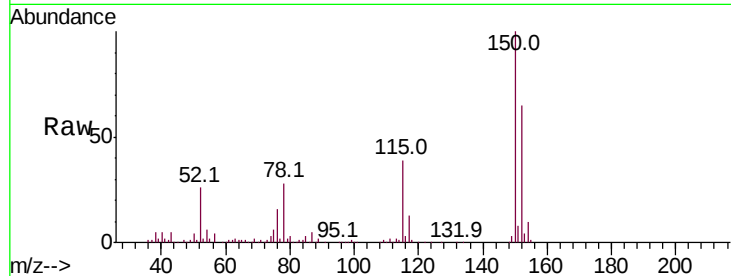
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108307.D
Acq: 20 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
MS-RO-27186

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	60.5	50.1	75.1

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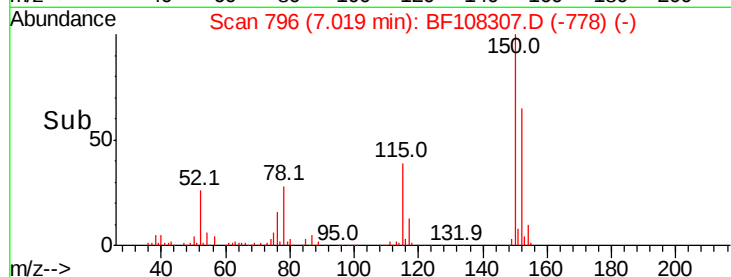
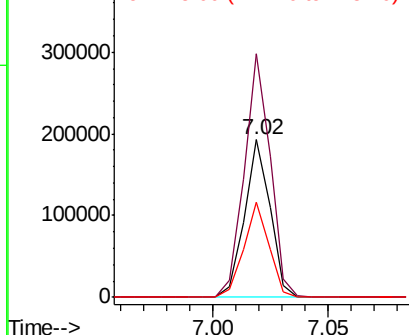


Abundance

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: 110.248 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108307.D
Acq: 20 Aug 2018 23:00

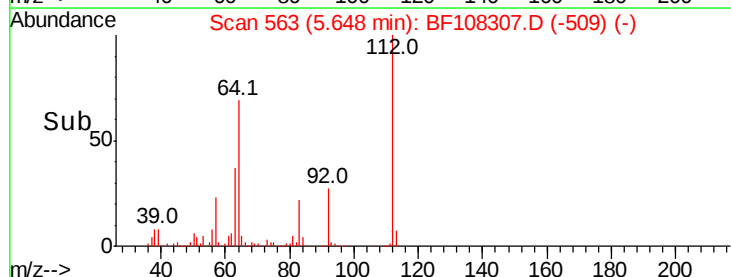
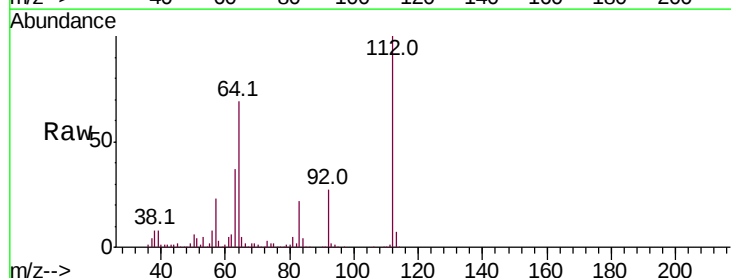
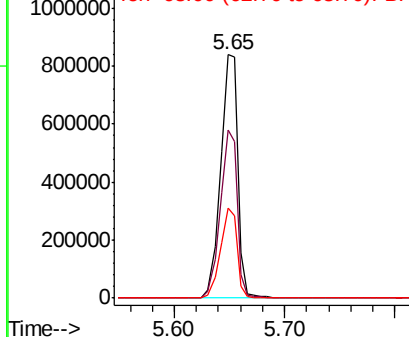
Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.3	47.9	71.9
63	37.1	23.7	35.5

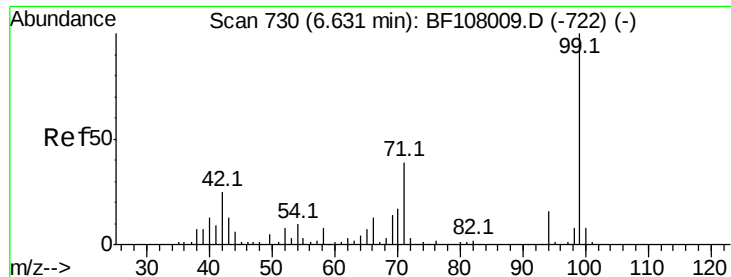
Abundance

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: 108.720 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Instrument :

BNA_F

ClientSampleId :

MS-RO-27186

Tot Ion: 99 Resp: 1195137

Ion Ratio Lower Upper

99 100

42 22.4 14.5 21.7#

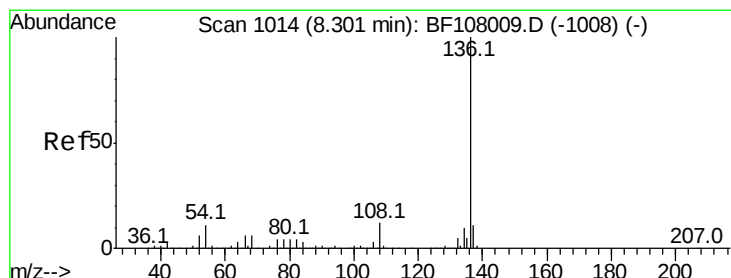
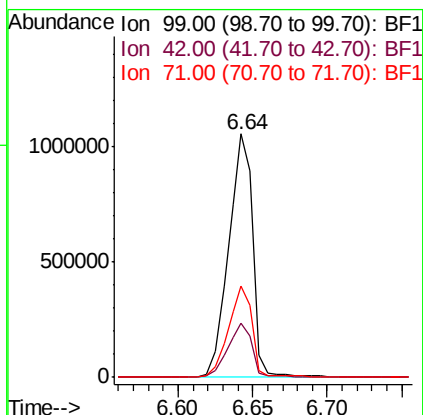
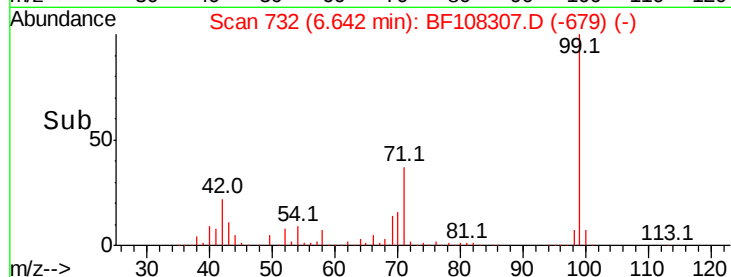
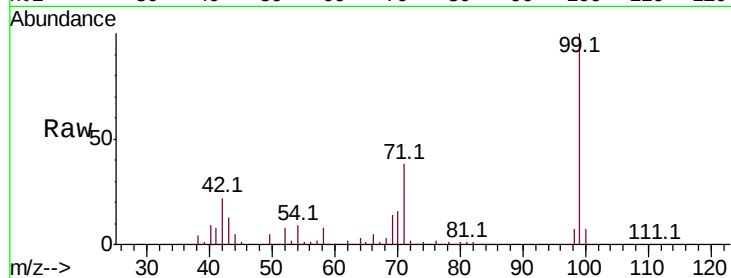
71 37.5 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Tgt Ion:136 Resp: 510740

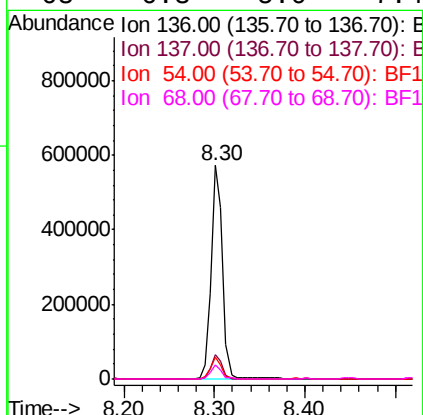
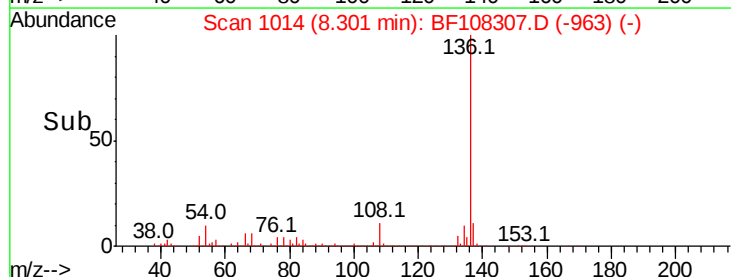
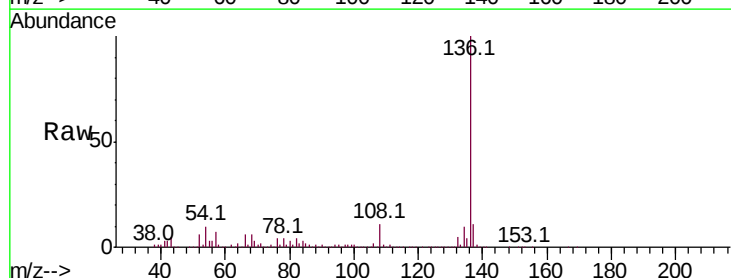
Ion Ratio Lower Upper

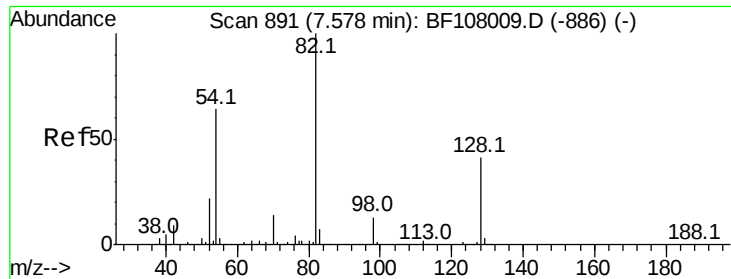
136 100

137 11.4 8.9 13.3

54 10.3 6.6 9.8#

68 6.3 5.0 7.4





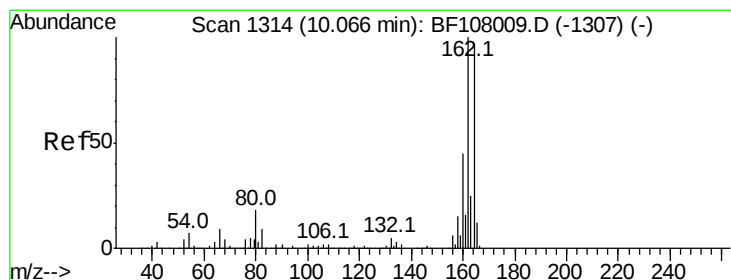
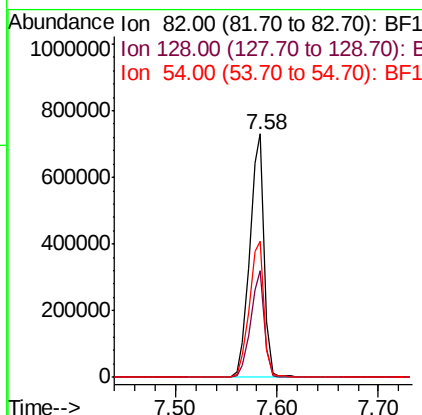
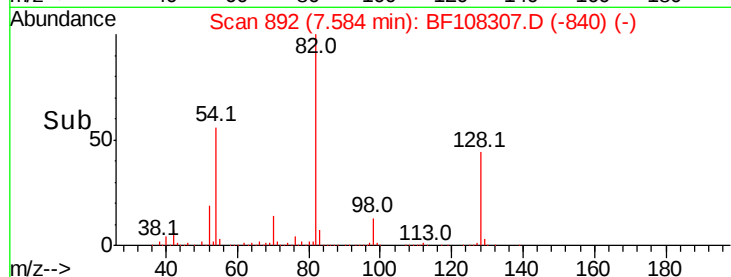
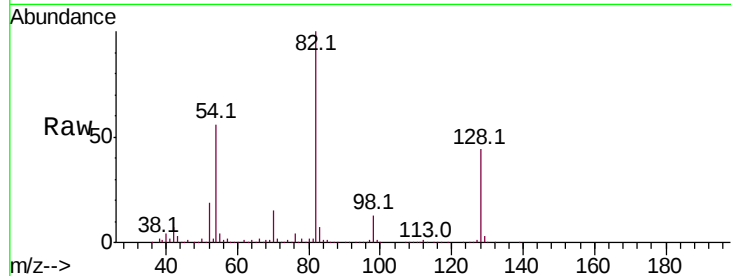
#23
 Nitrobenzene-d5
 Concen: 78.355 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108307.D
 Acq: 20 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 MS-RO-27186

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	55.8	41.4	62.2

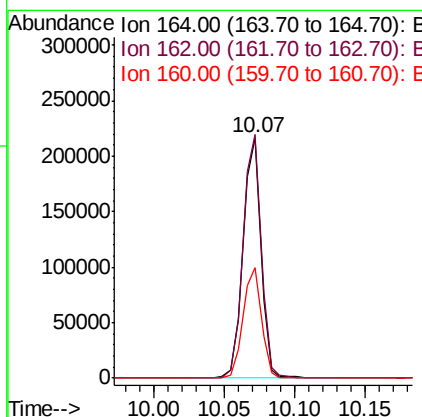
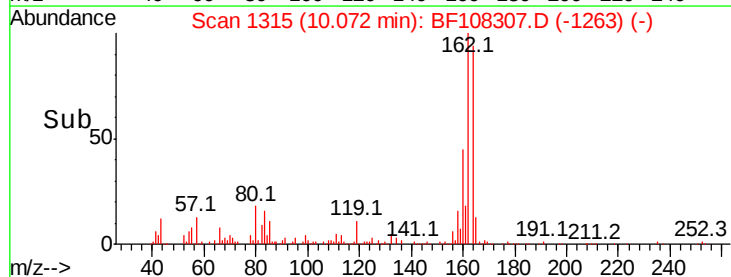
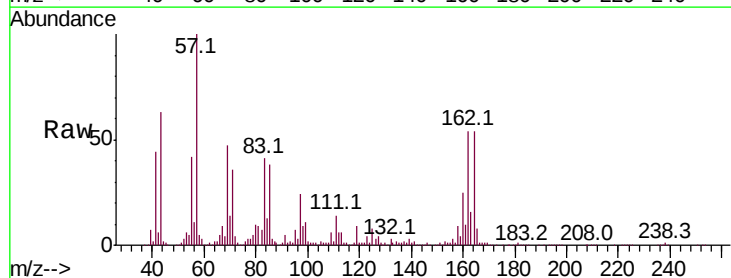
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF108307.D
 Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	46.0	38.3	57.5





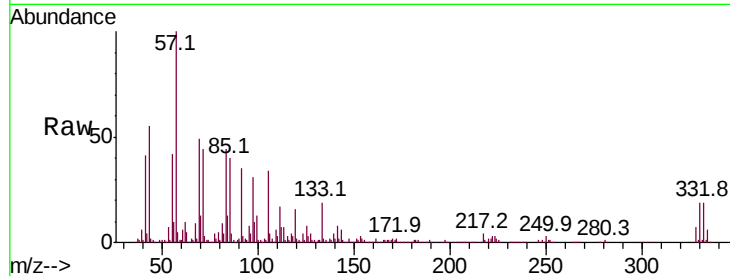
#41
 2,4,6-Tribromophenol
 Concen: 105.841 ng
 RT: 10.87 min Scan# 1451
 Delta R.T. 0.01 min
 Lab File: BF108307.D
 Acq: 20 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 MS-RO-27186

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	77.0	115.6	
141	34.8	29.9	44.9	

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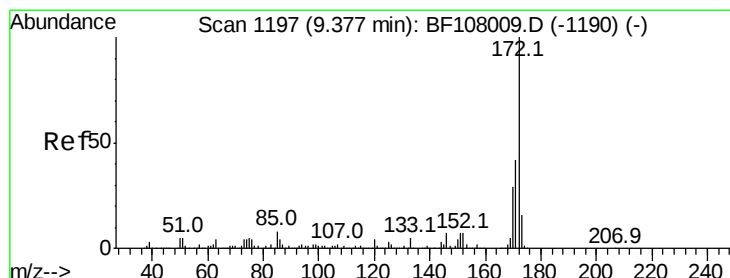
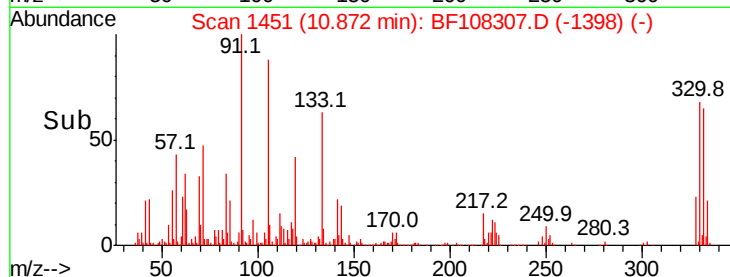
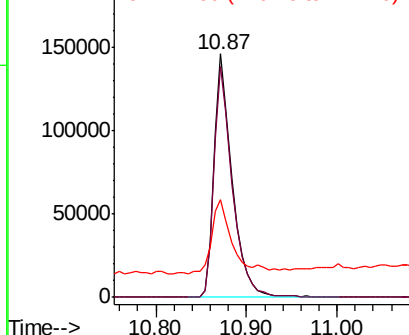


Abundance

Ion 329.80 (329.50 to 330.50): E

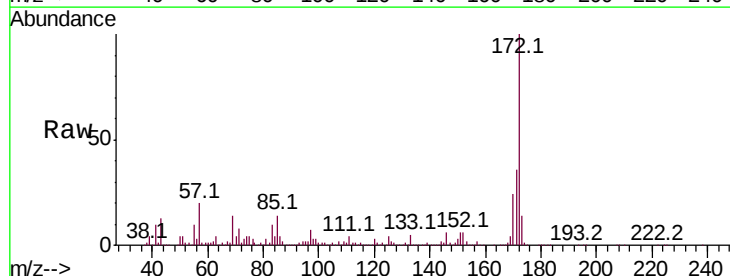
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.791 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108307.D
 Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.2	29.7	44.5	
170	24.2	19.6	29.4	

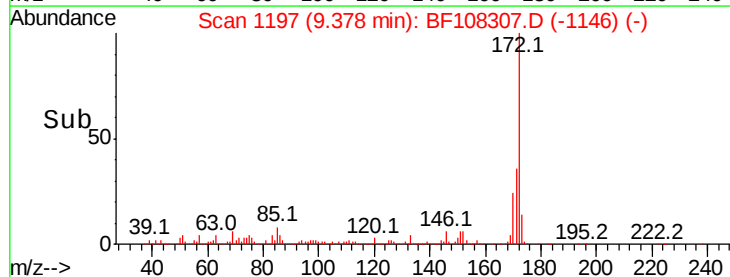
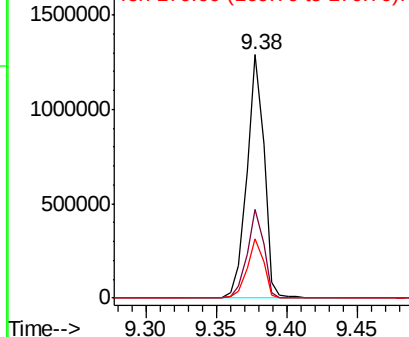


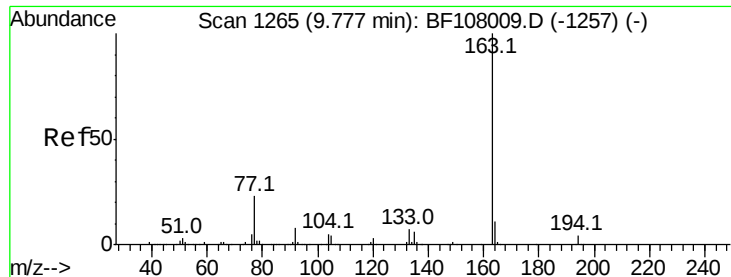
Abundance

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





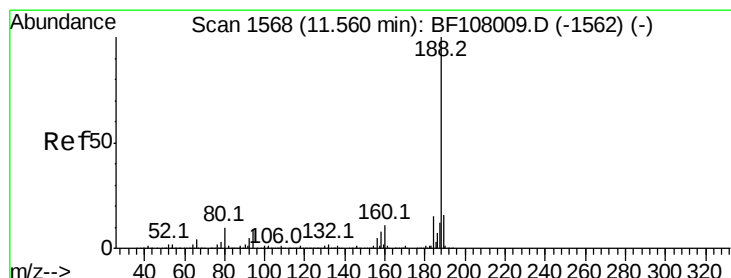
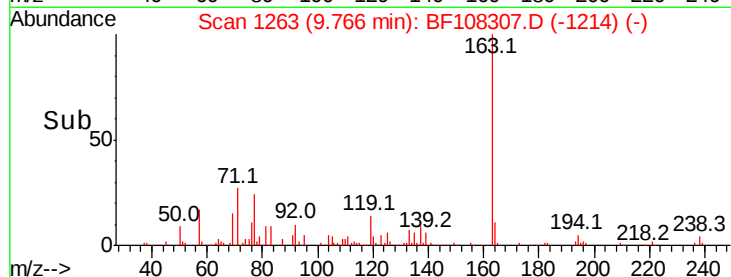
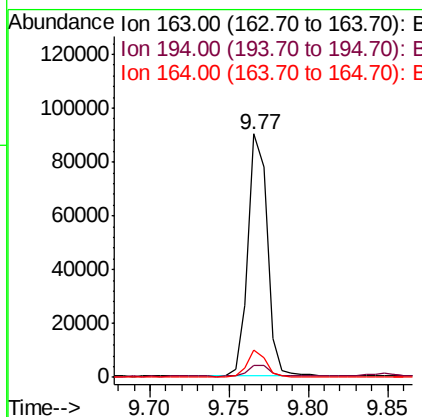
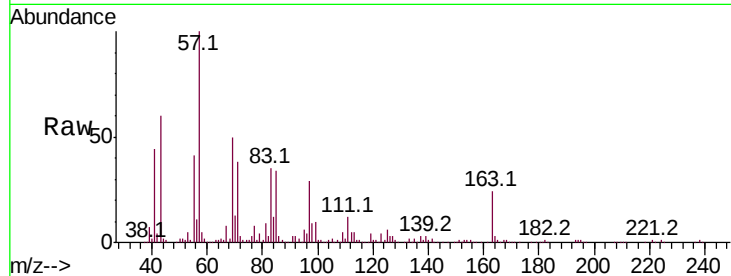
#49
Dimethylphthalate
Concen: 5.693 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108307.D
Acq: 20 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
MS-RO-27186

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.7	4.1#
164	11.0	8.2	12.2

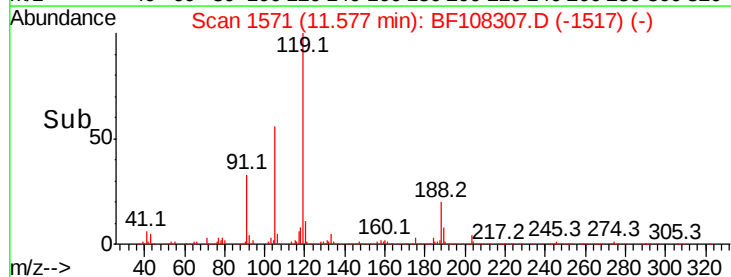
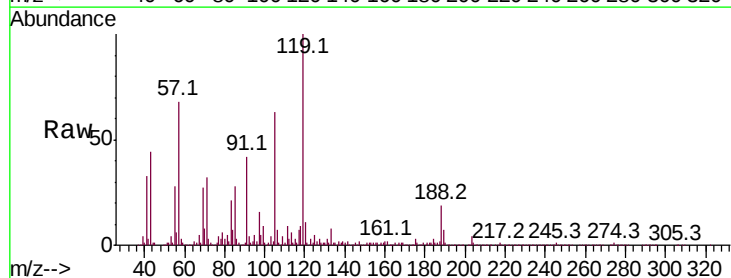
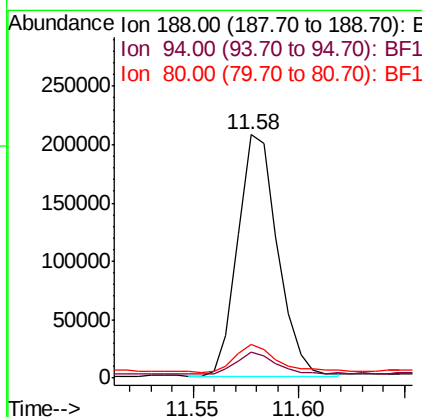
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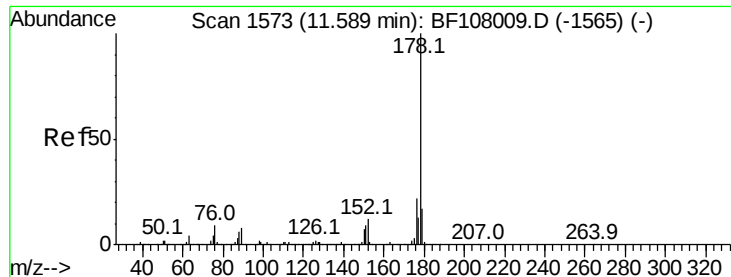
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.02 min
Lab File: BF108307.D
Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	13.8	9.2	13.8





#70

Phenanthrene

Concen: 5.982 ng

RT: 11.60 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Instrument :

BNA_F

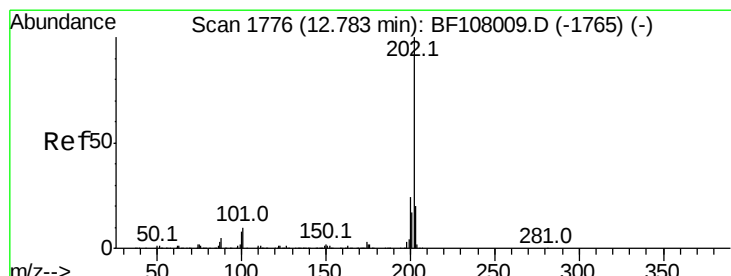
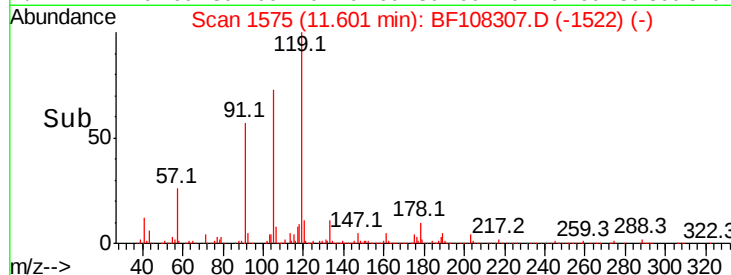
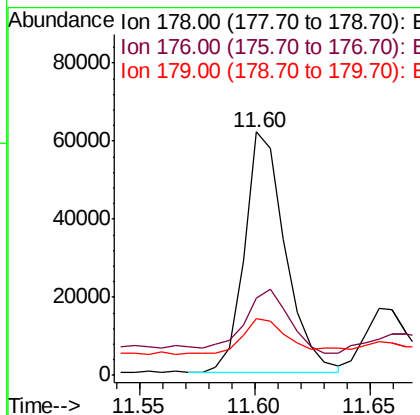
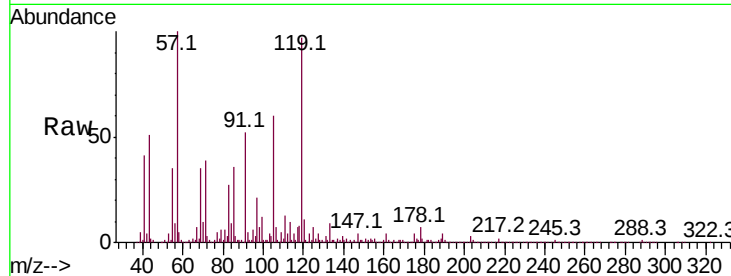
ClientSampleId :

MS-RO-27186

Tot Ion	Ratio	Lower	Upper
178	100		
176	31.5	15.8	23.8#
179	23.3	13.0	19.6#

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#74

Fluoranthene

Concen: 9.860 ng

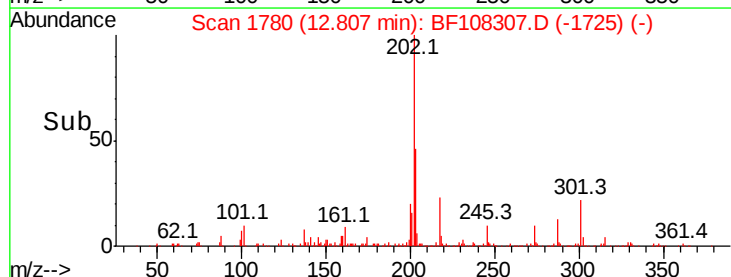
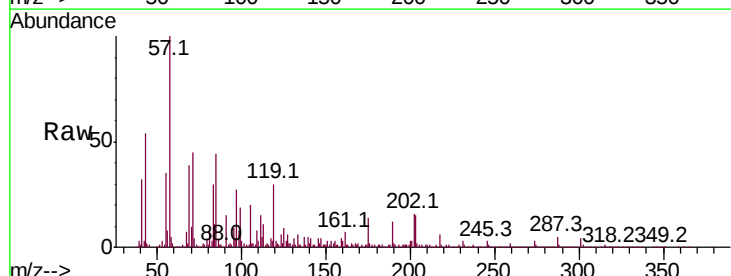
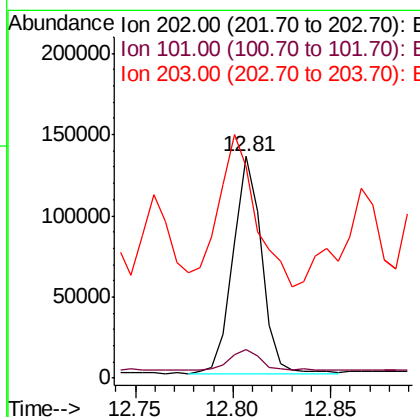
RT: 12.81 min Scan# 1780

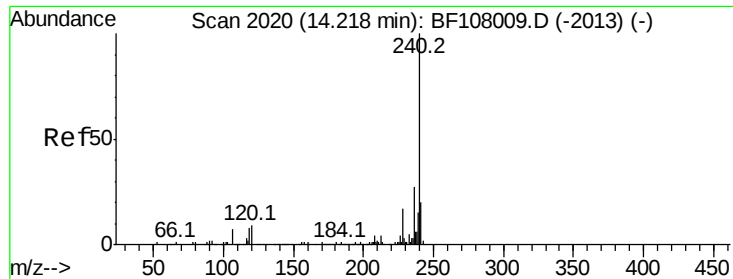
Delta R.T. 0.02 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	95.9	0.0	38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.24 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Instrument :

BNA_F

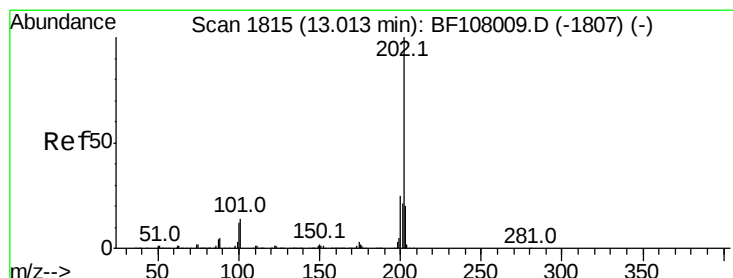
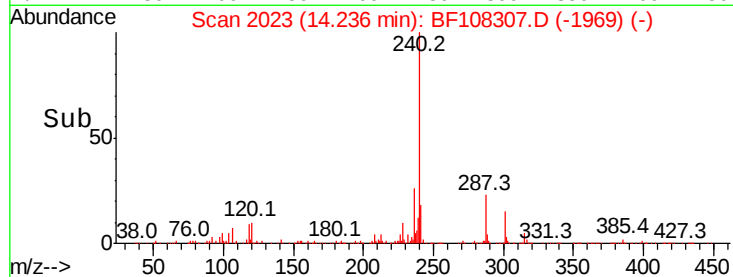
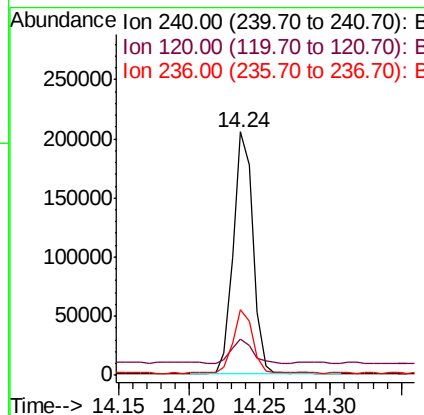
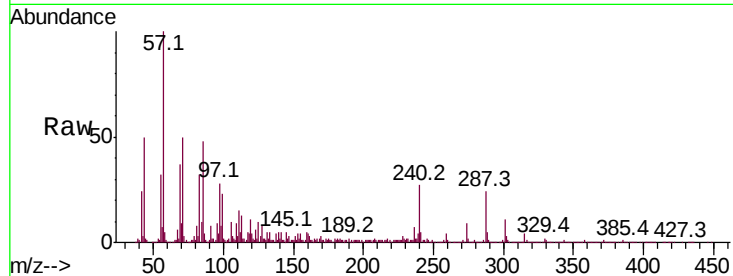
ClientSampleId :

MS-RO-27186

Tot Ion	Ratio	Resp	Lower	Upper
240	100	199977		
120	14.9	9.5	14.3#	
236	27.1	20.7	31.1	

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#77

Pyrene

Concen: 9.251 ng

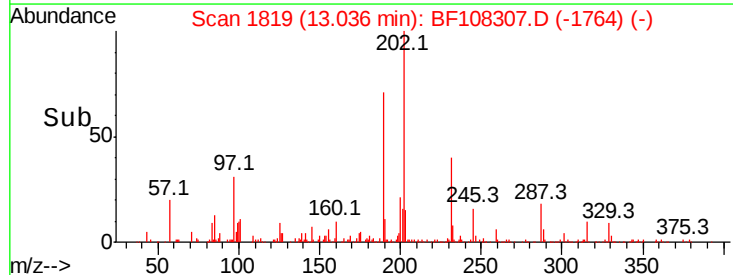
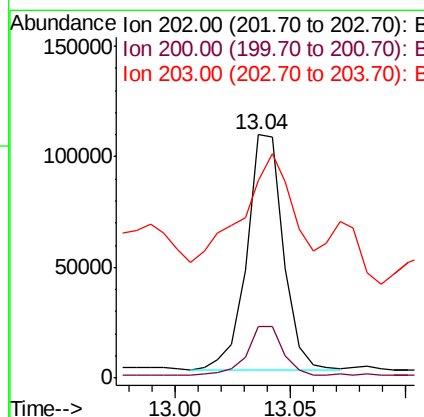
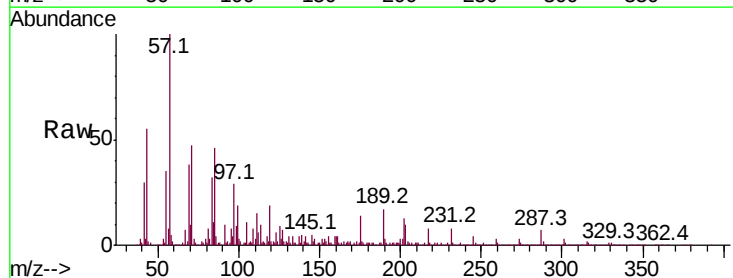
RT: 13.04 min Scan# 1819

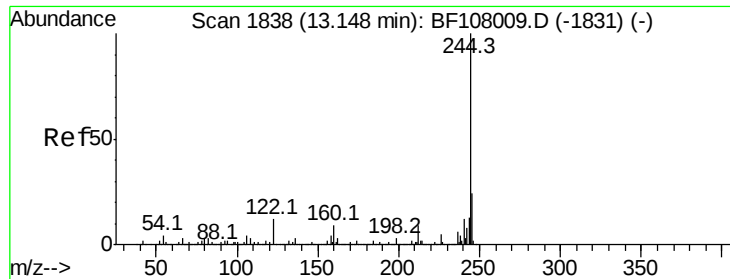
Delta R.T. 0.02 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	117126		
200	21.2	17.4	26.2	
203	81.2	14.3	21.5#	





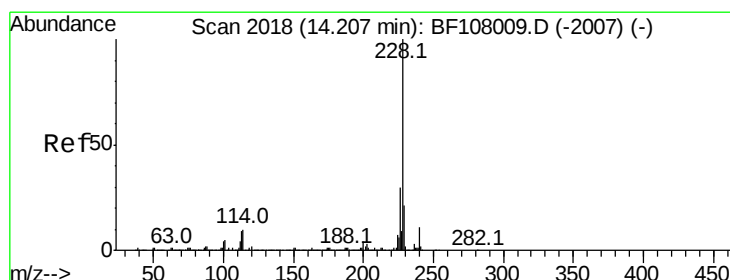
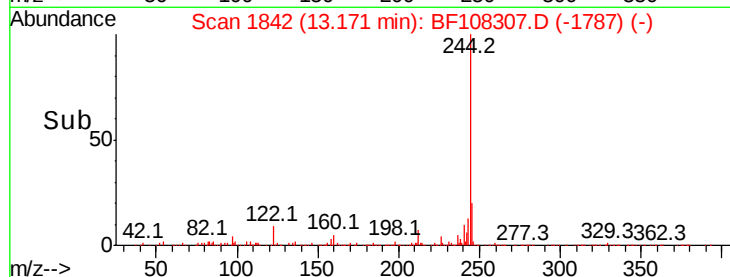
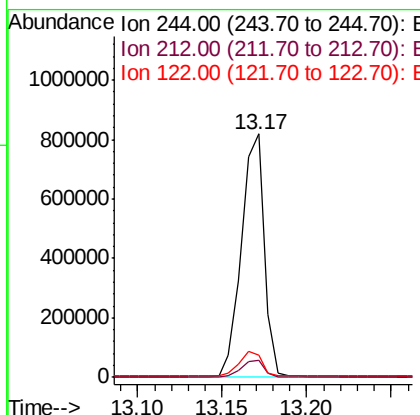
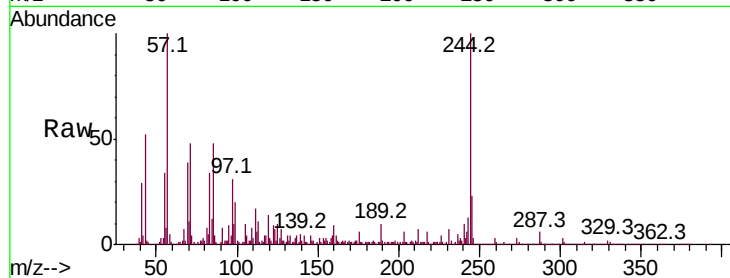
#78
 Terphenyl-d14
 Concen: 98.379 ng
 RT: 13.17 min Scan# 1842
 Delta R.T. 0.02 min
 Lab File: BF108307.D
 Acq: 20 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 MS-RO-27186

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	9.1	11.0	16.4

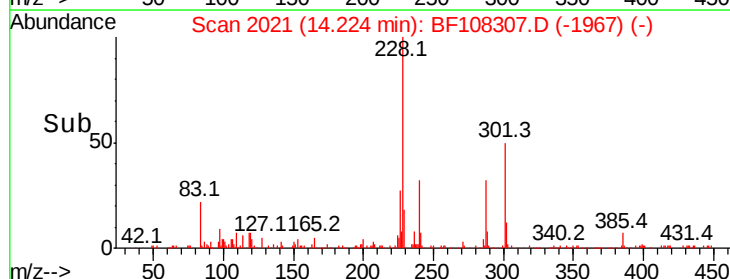
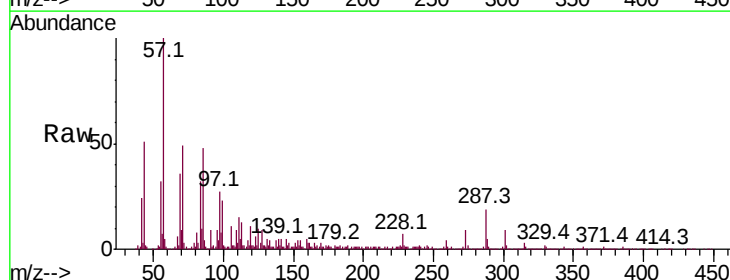
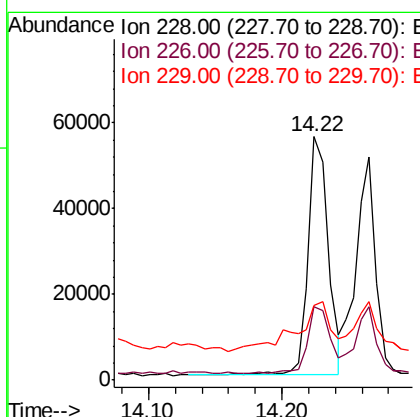
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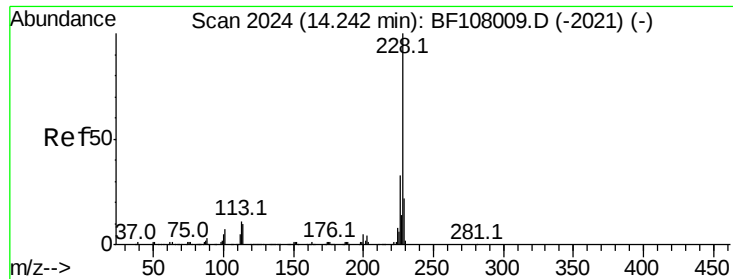
Sohil
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#80
 Benzo(a)anthracene
 Concen: 4.990 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. 0.02 min
 Lab File: BF108307.D
 Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	30.8	15.8	23.6





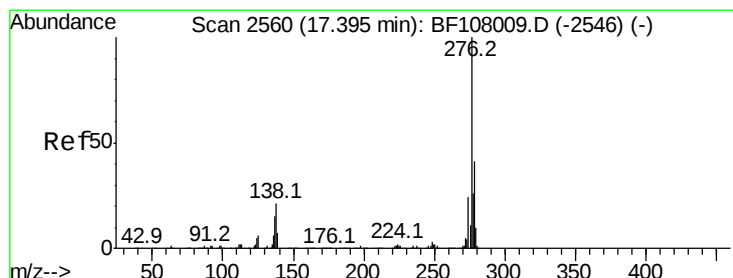
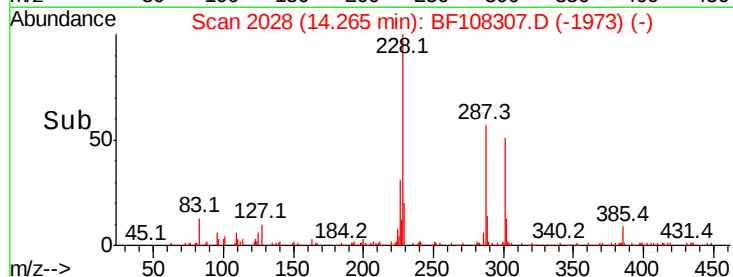
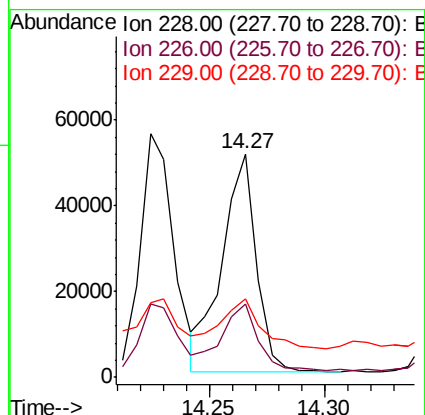
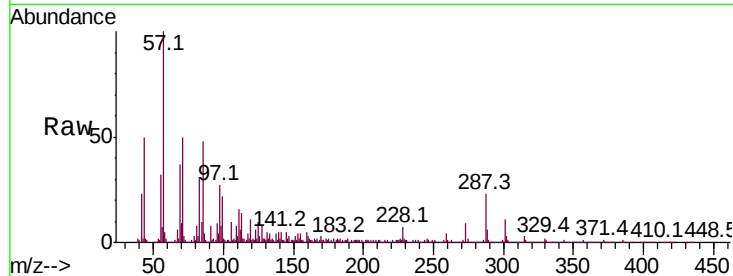
#82
Chrysene
Concen: 4.985 ng
RT: 14.27 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF108307.D
Acq: 20 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :
MS-RO-27186

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.0	37.6
229	35.1	16.2	24.4

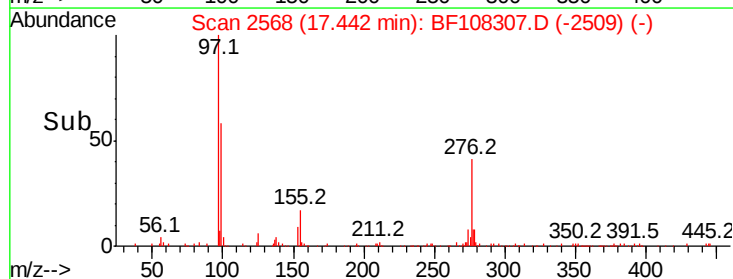
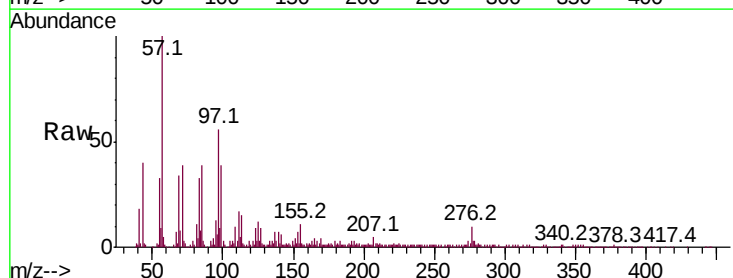
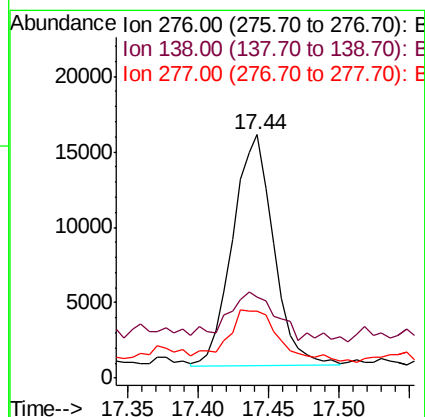
Manual Integrations
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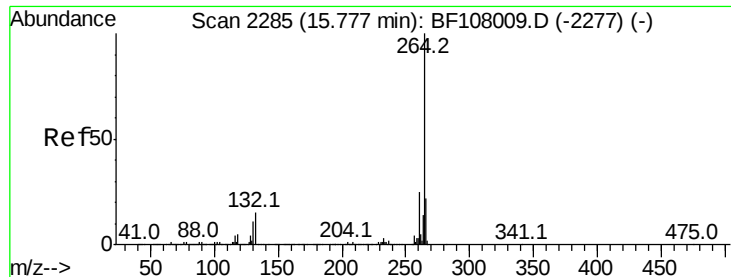
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.407 ng
RT: 17.44 min Scan# 2568
Delta R.T. 0.05 min
Lab File: BF108307.D
Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.0	37.6
277	28.3	20.1	30.1





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.81 min Scan# 2290

Delta R.T. 0.03 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Instrument :

BNA_F

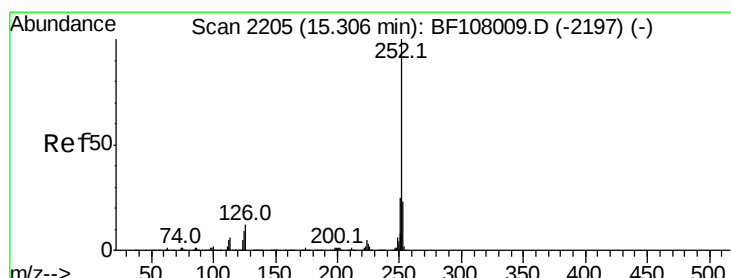
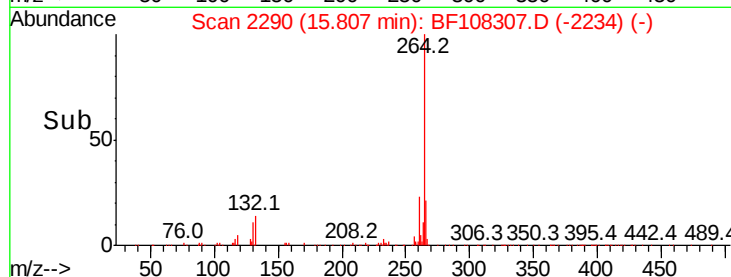
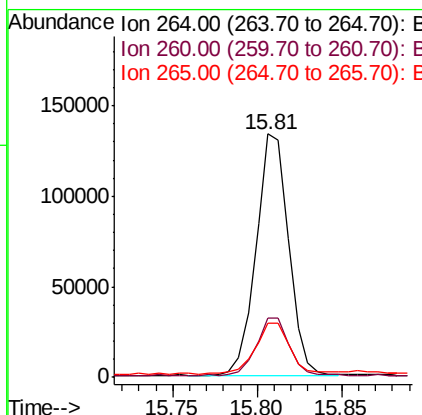
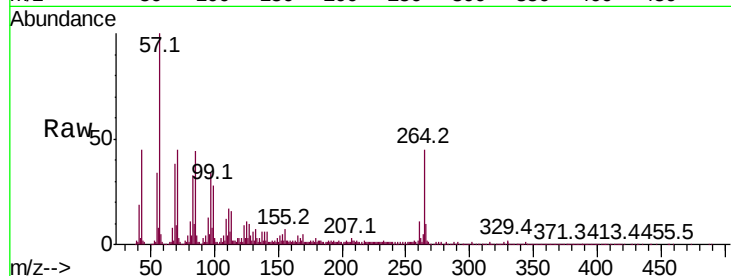
ClientSampleId :

MS-RO-27186

Tot Ion:	264	Resp:	178840
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.2	28.8
265	22.3	17.5	26.3

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#87

Benzo(b)fluoranthene

Concen: 6.863 ng m

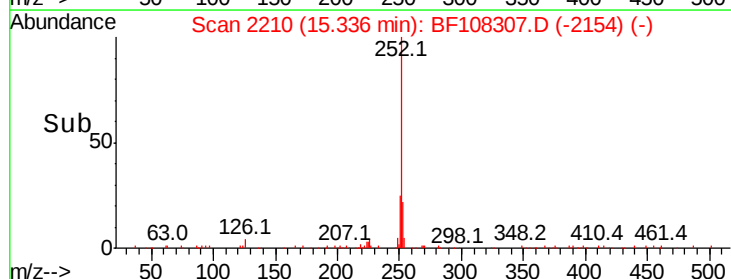
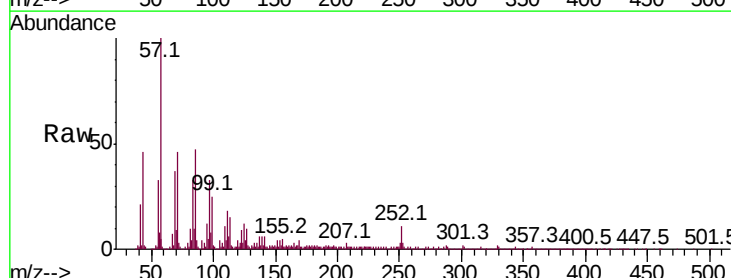
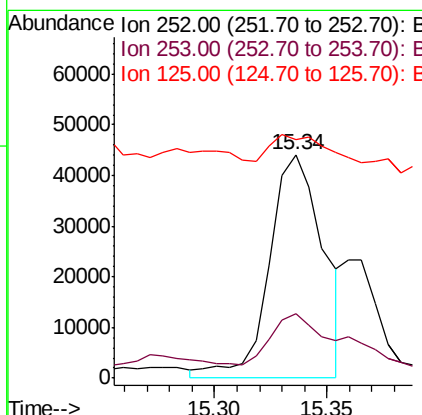
RT: 15.34 min Scan# 2210

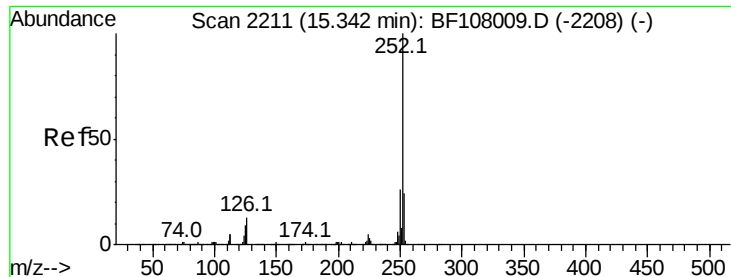
Delta R.T. 0.03 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Tgt Ion:	252	Resp:	73339
Ion Ratio	Lower	Upper	
252	100		
253	28.7	17.0	25.6#
125	106.5	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 2.906 ng m

RT: 15.37 min Scan# 2215

Delta R.T. 0.02 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Instrument :

BNA_F

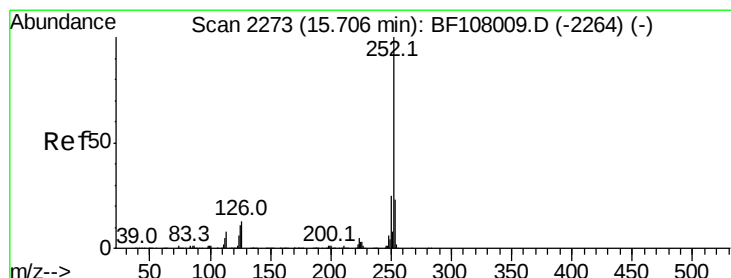
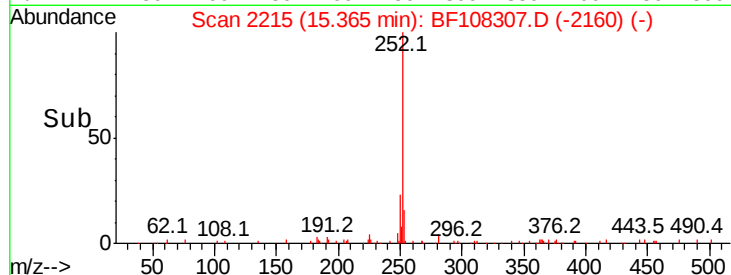
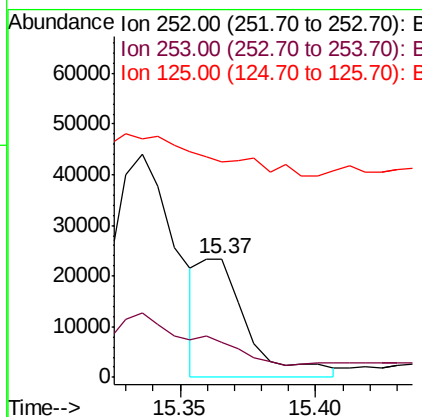
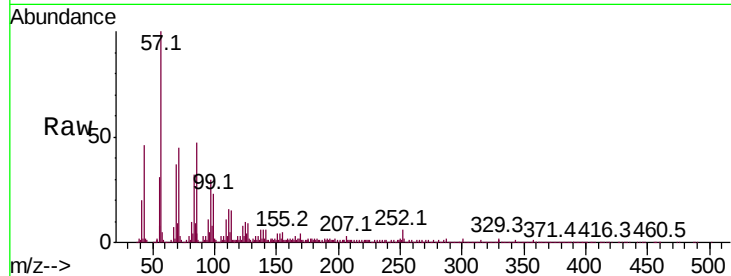
ClientSampleId :

MS-RO-27186

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.6	17.9	26.9#
125	181.6	10.2	15.2#

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#89

Benzo(a)pyrene

Concen: 4.912 ng

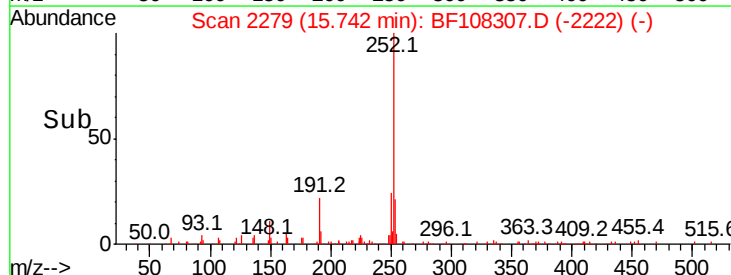
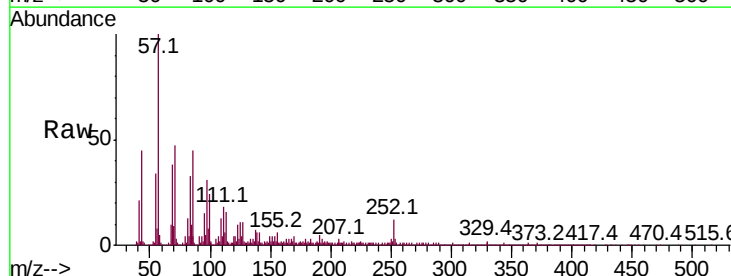
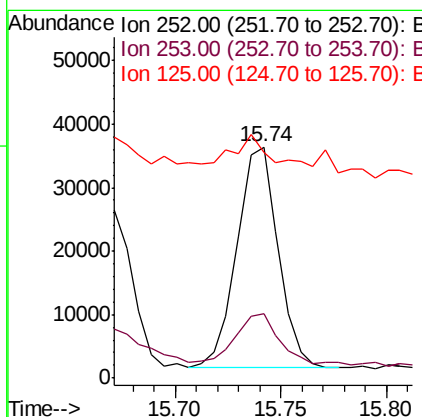
RT: 15.74 min Scan# 2279

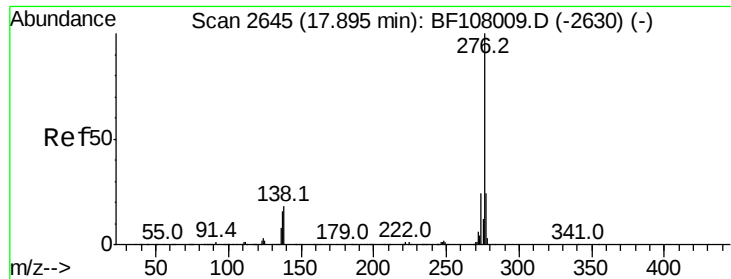
Delta R.T. 0.04 min

Lab File: BF108307.D

Acq: 20 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.1	25.7#
125	97.4	9.8	14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.801 ng
 RT: 17.94 min Scan# 2653
 Delta R.T. 0.05 min
 Lab File: BF108307.D
 Acq: 20 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :
 MS-RO-27186

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.1	17.9	26.9#
138	34.0	21.8	32.8#

Manual Integrations
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