

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013790.D
 Acq On : 25 Jan 2018 04:23
 Operator : SJ/JU
 Sample : J1222-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A85

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:35:49 PM

Quant Time: Jan 25 06:47:00 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	163658	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	637899	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	420011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	738833	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	752520	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	773752	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	10262	2.48	ng/uL	0.00
5) Phenol-d5	6.78	99	220503	17.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	127118	16.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	184208	17.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	165281	17.11	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	94320	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	100061	19.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	189779	18.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	157430	17.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	555388	16.04	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	677627	15.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	74834	13.30	ng/ul	0.00
57) Fluorene-d10	15.24	176	462369	15.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	31932	7.18	ng/ul	0.00
70) Anthracene-d10	17.10	188	685849	19.06	ng/ul	0.00
76) Pyrene-d10	19.40	212	761226	21.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	728017	20.47	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.81	94	52885	4.197	ng/ul#	81
28) Naphthalene	10.42	128	882208	27.799	ng/ul	99
34) 2-Methylnaphthalene	12.04	142	783454	33.112	ng/ul	98
40) 1,1'-Biphenyl	13.07	154	186849	5.344	ng/ul	97
44) Dimethylphthalate	13.71	163	75399	2.215	ng/ul	98
49) Acenaphthene	14.31	153	520442	18.606	ng/ul	100
53) Dibenzofuran	14.65	168	566110	13.453	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	206123	23.378	ng/ul#	86
58) Fluorene	15.30	166	531353	15.415	ng/ul	95
68) Pentachlorophenol	16.67	266	3437358	688.649	ng/ul	97
69) Phenanthrene	17.04	178	2702446	65.803	ng/ul	100
71) Anthracene	17.13	178	450048	10.624	ng/ul	97
72) Carbazole	17.41	167	255071	7.295	ng/ul	99
74) Fluoranthene	19.07	202	1496082	30.518	ng/ul#	95
77) Pyrene	19.43	202	1032258	22.564	ng/ul#	95
80) Benzo(a)anthracene	21.19	228	219148	4.820	ng/ul	96
82) Chrysene	21.24	228	200194m	4.799	ng/ul	
85) Benzo(b)fluoranthene	22.74	252	120724	2.541	ng/ul#	89
88) Benzo(a)pyrene	23.30	252	66831	1.489	ng/ul#	76

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

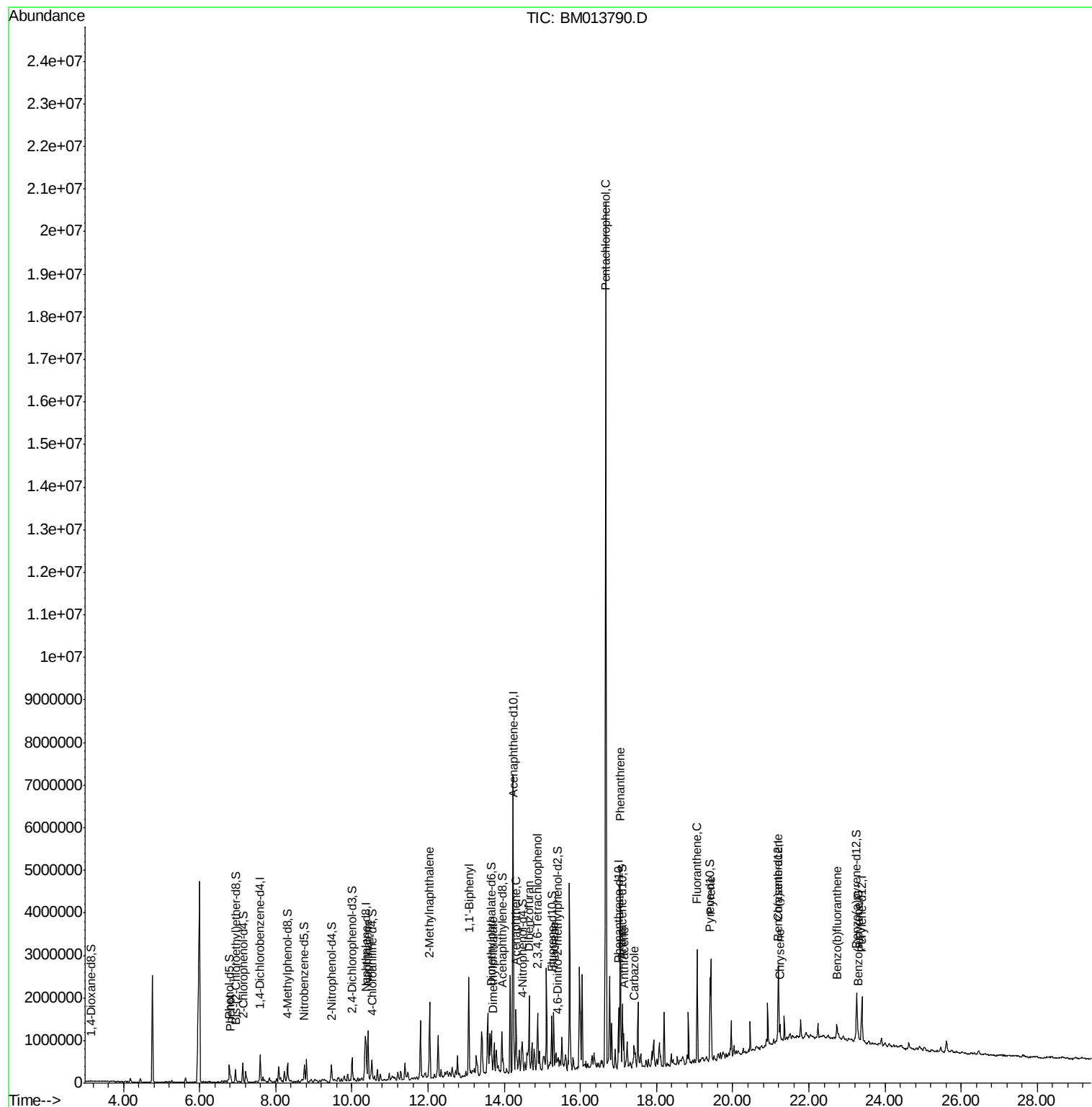
Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013790.D
Acq On : 25 Jan 2018 04:23
Operator : SJ/JU
Sample : J1222-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

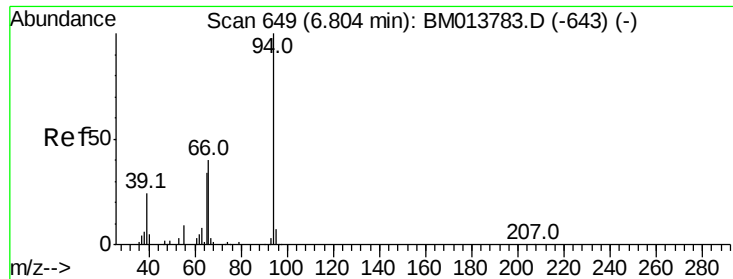
Instrument :
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1/25/2018 5:35:49 PM

Quant Time: Jan 25 06:47:00 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.197 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

F6A85

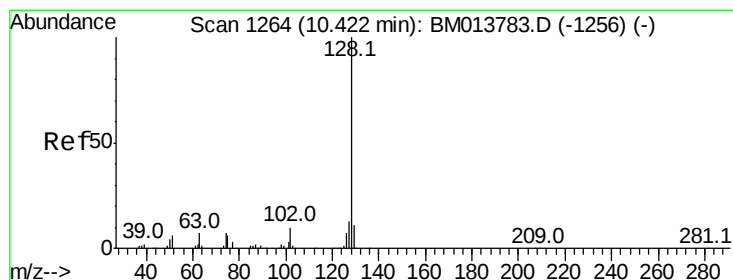
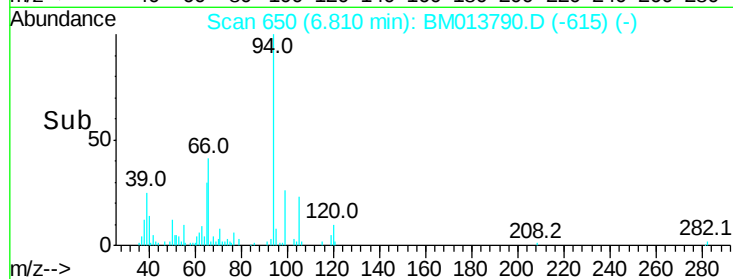
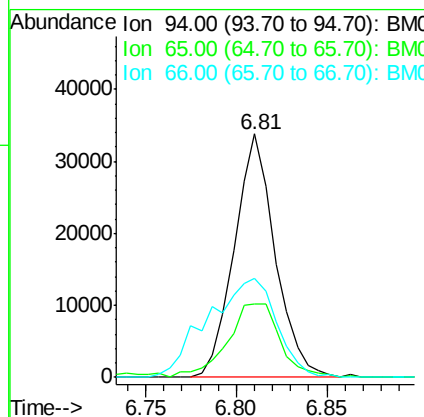
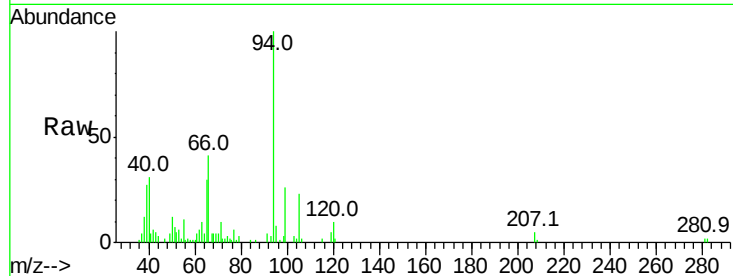
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Ion	Ratio	Lower	Upper
94	100		
65	30.0	28.2	42.4
66	40.5	47.2	70.8#

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#28

Naphthalene

Concen: 27.799 ng/ul

RT: 10.42 min Scan# 1264

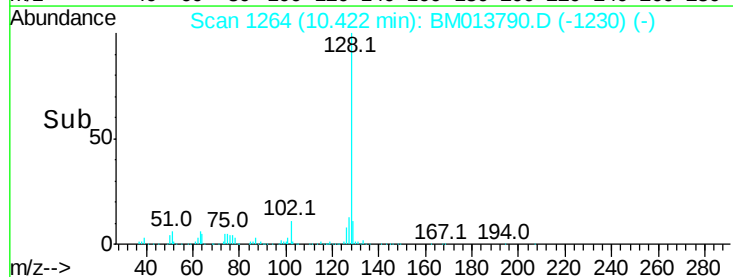
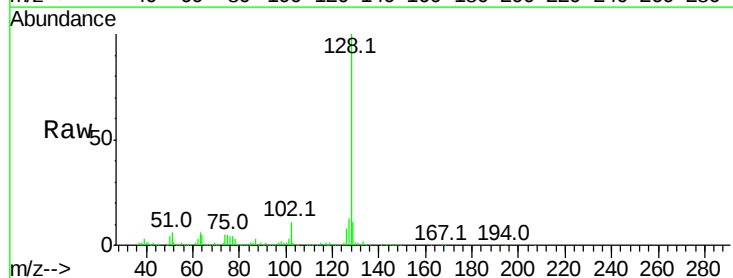
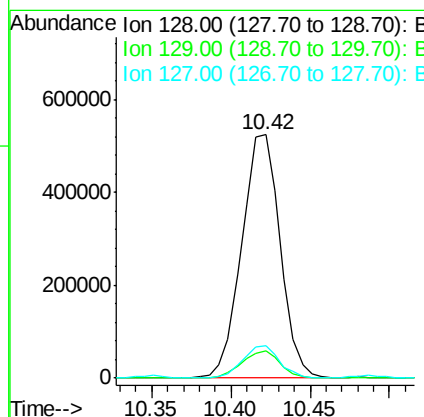
Delta R.T. 0.00 min

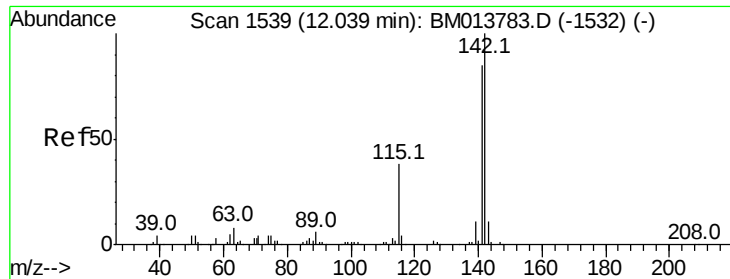
Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Tgt Ion: 128 Resp: 882208

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.1	10.6	16.0





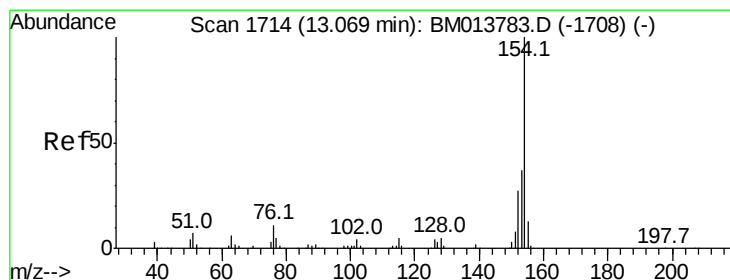
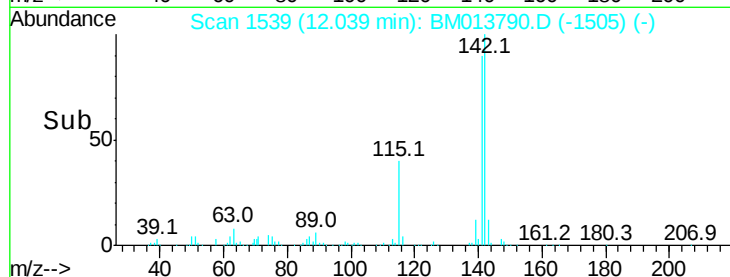
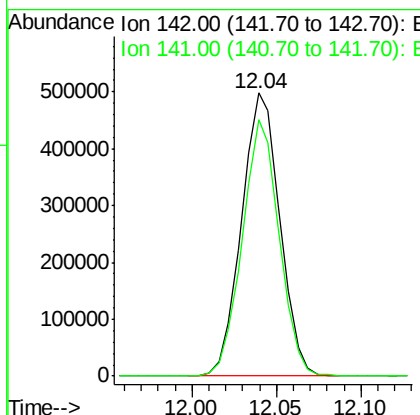
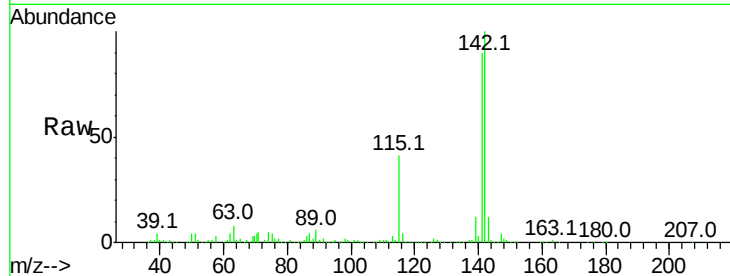
#34
 2-Methylnaphthalene
 Concen: 33.112 ng/ul
 RT: 12.04 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BM013790.D
 Acq: 25 Jan 2018 04:23

Instrument :
 BNA_M
 ClientSampleId :
 F6A85

Tot Ion:142 Resp: 783454
 Ion Ratio Lower Upper
 142 100
 141 90.5 74.1 111.1

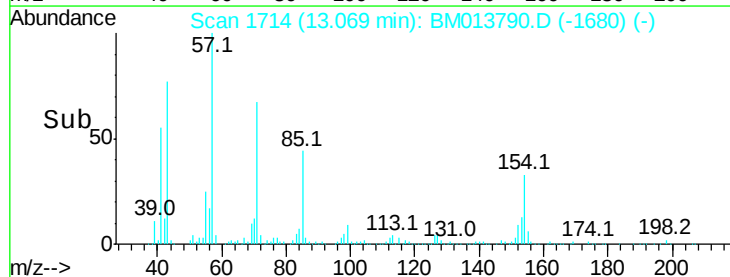
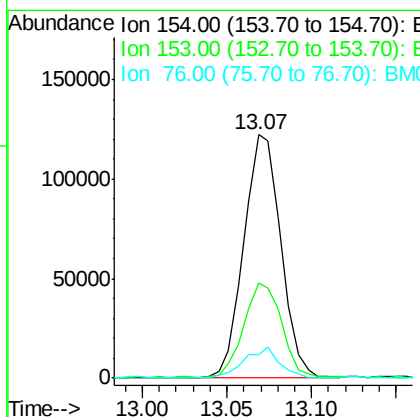
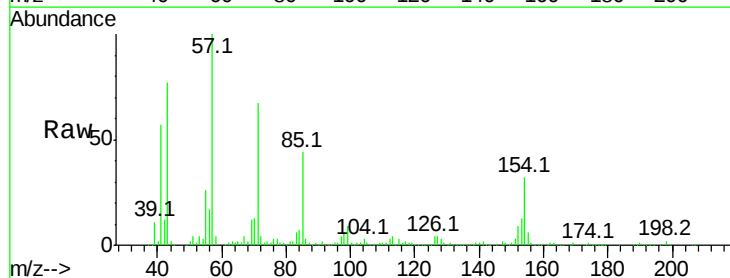
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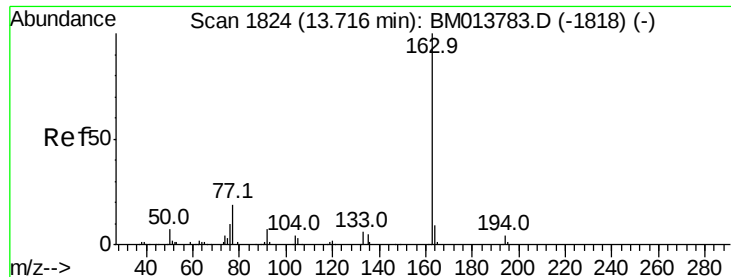
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#40
 1,1'-Biphenyl
 Concen: 5.344 ng/ul
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BM013790.D
 Acq: 25 Jan 2018 04:23

Tgt Ion:154 Resp: 186849
 Ion Ratio Lower Upper
 154 100
 153 38.9 32.6 48.8
 76 9.9 8.5 12.7





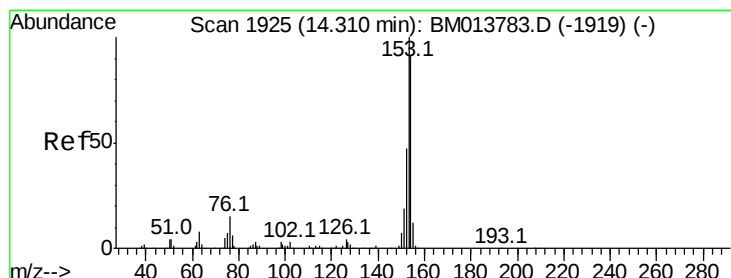
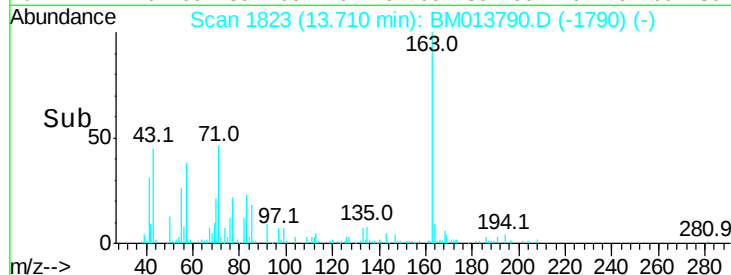
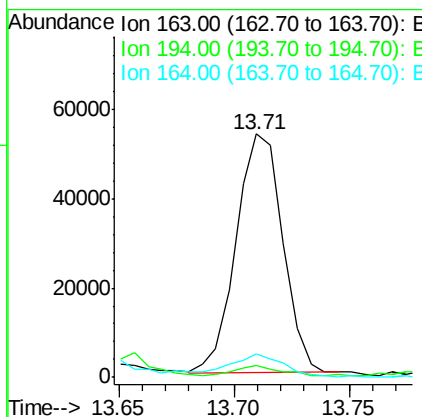
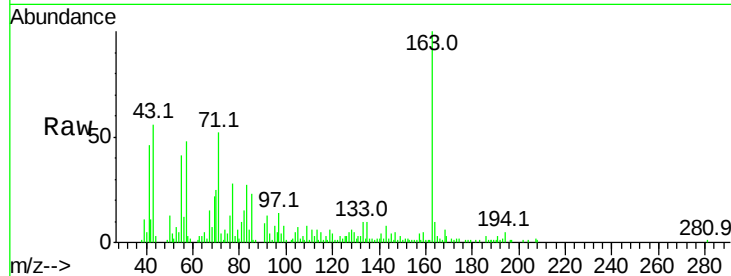
#44
Dimethylphthalate
Concen: 2.215 ng/ul
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM013790.D
Acq: 25 Jan 2018 04:23

Instrument :
BNA_M
ClientSampled :
F6A85

Tot Ion	Ratio	Resp	Lower	Upper
163	100	75399		
194	5.1		3.5	5.3
164	9.7		8.2	12.4

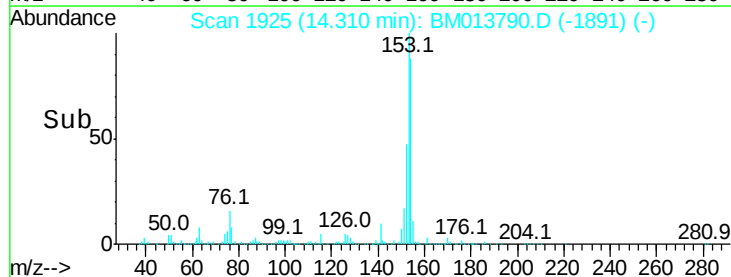
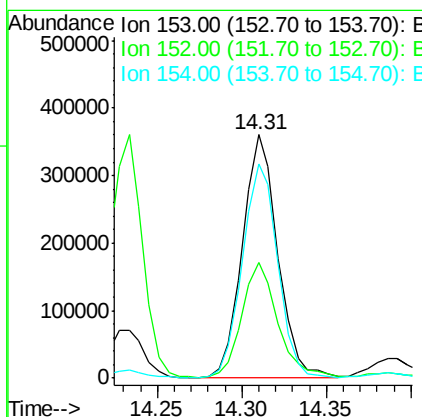
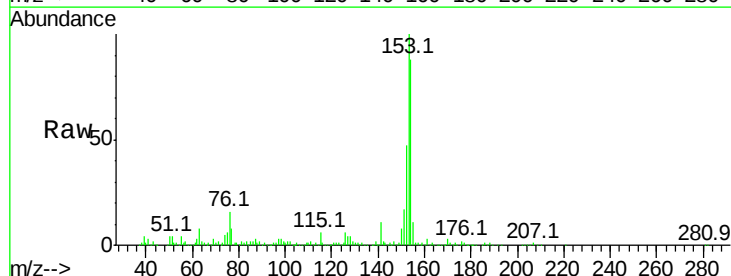
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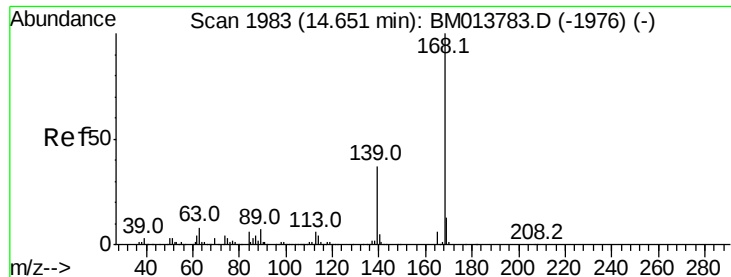
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#49
Acenaphthene
Concen: 18.606 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM013790.D
Acq: 25 Jan 2018 04:23

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	520442		
152	47.4		37.6	56.4
154	87.9		70.4	105.6





#53

Dibenzofuran

Concen: 13.453 ng/ul

RT: 14.65 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

F6A85

Tot Ion:168 Resp: 566110

Ion Ratio Lower Upper

168 100

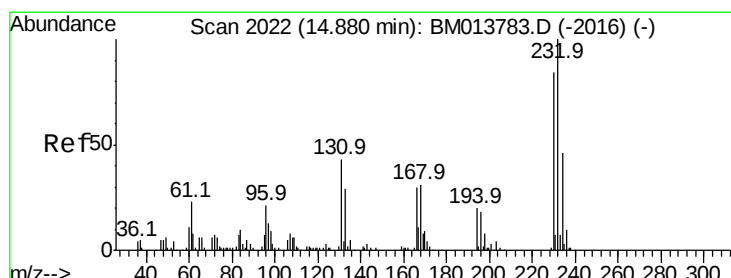
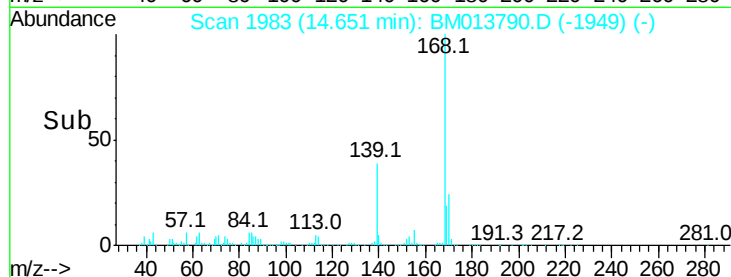
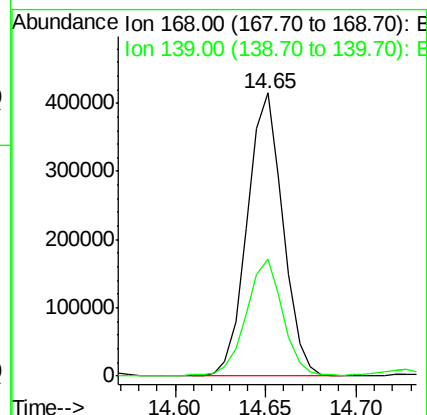
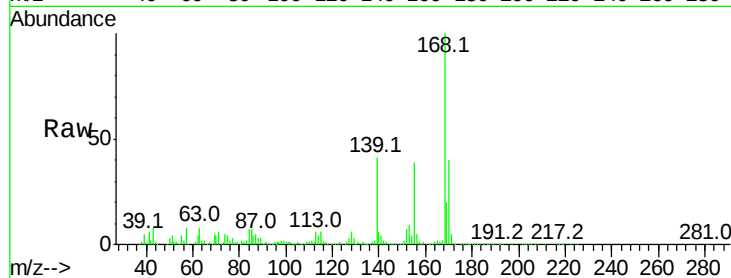
139 41.4 30.8 46.2

Manual Integrations

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#55

2,3,4,6-Tetrachlorophenol

Concen: 23.378 ng/ul

RT: 14.88 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Tgt Ion:232 Resp: 206123

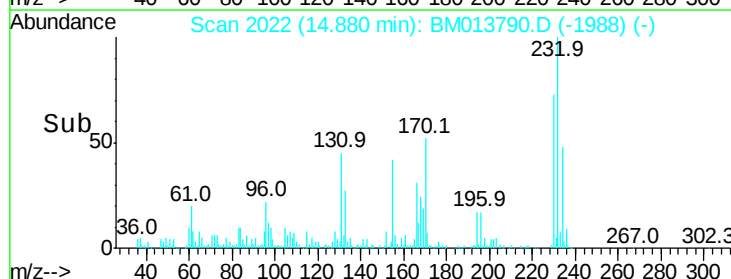
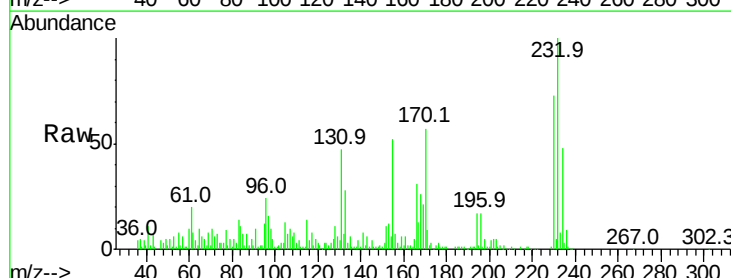
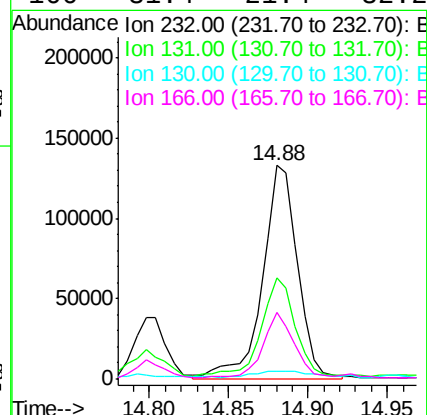
Ion Ratio Lower Upper

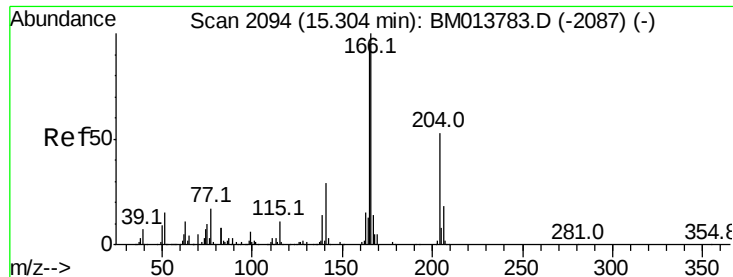
232 100

131 47.4 29.0 43.4#

130 3.7 2.0 3.0#

166 31.4 21.4 32.2





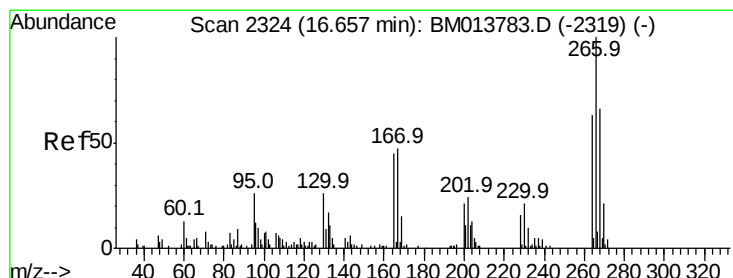
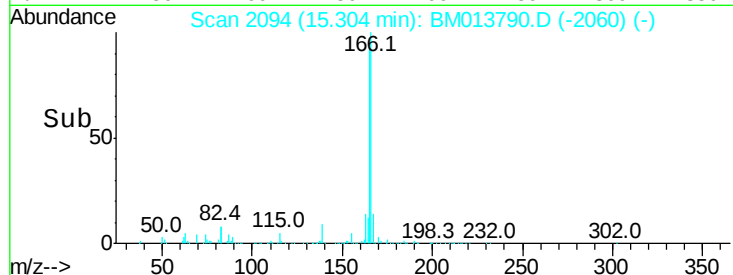
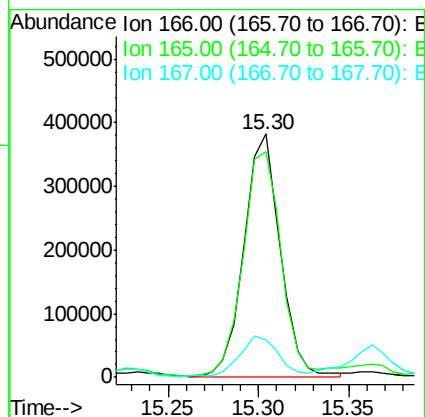
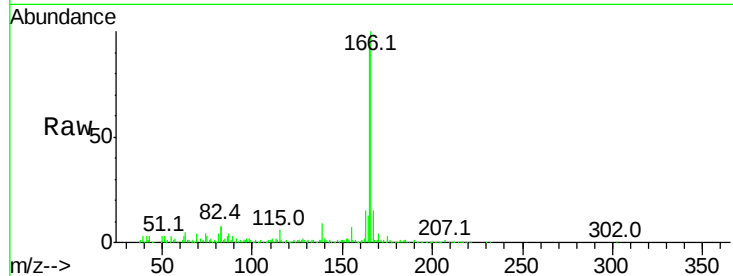
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Fluorene
Concen: 15.415 ng/ul
RT: 15.30 min Scan# 2094
Delta R.T. 0.00 min
Lab File: BM013790.D
Acq: 25 Jan 2018 04:23

Instrument :
BNA_M
ClientSampled :
F6A85

Tot Ion	Ratio	Lower	Upper
166	100		
165	92.9	77.9	116.9
167	15.4	10.6	16.0

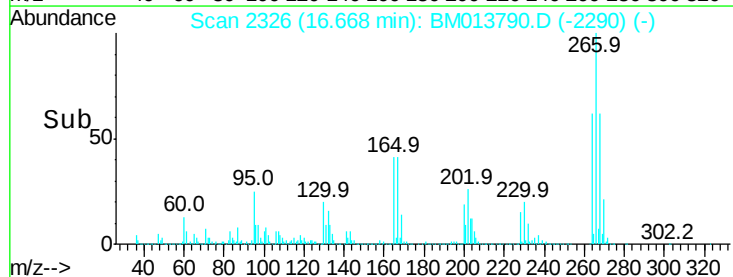
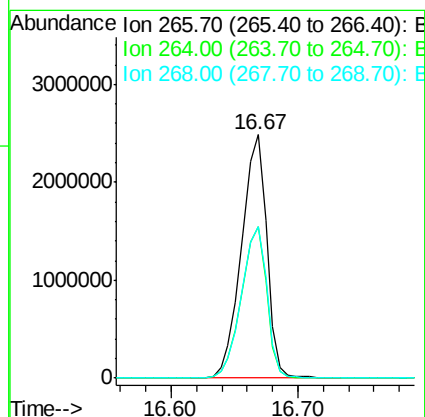
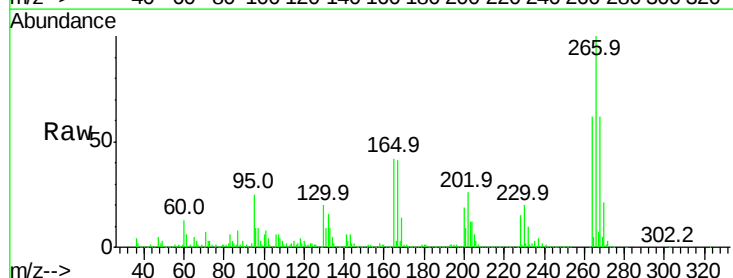
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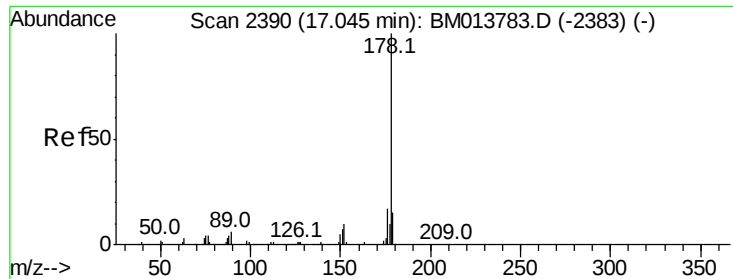
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#68
Pentachlorophenol
Concen: 688.649 ng/ul
RT: 16.67 min Scan# 2326
Delta R.T. 0.01 min
Lab File: BM013790.D
Acq: 25 Jan 2018 04:23

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.3	73.9
268	62.4	52.6	78.8





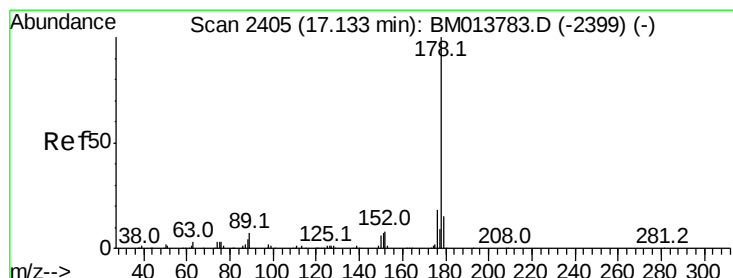
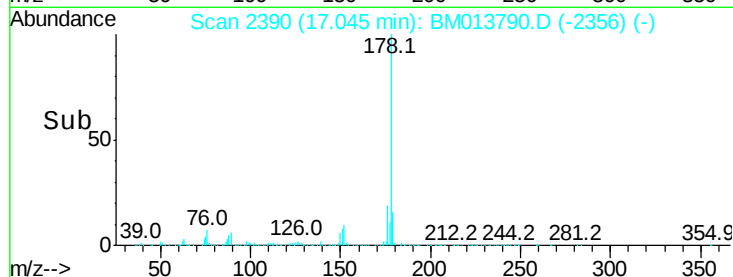
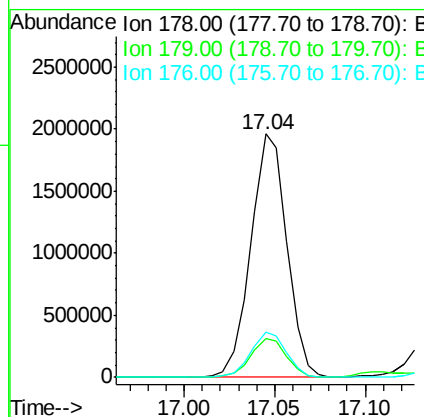
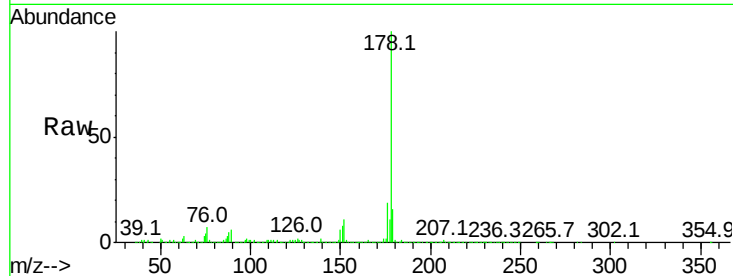
#69
Phenanthrene
Concen: 65.803 ng/ul
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM013790.D
Acq: 25 Jan 2018 04:23

Instrument :
BNA_M
ClientSampled :
F6A85

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	18.6	14.9	22.3

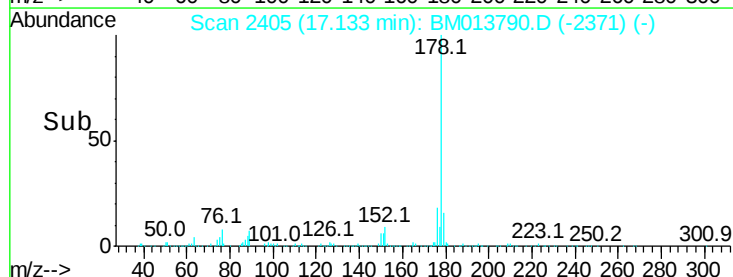
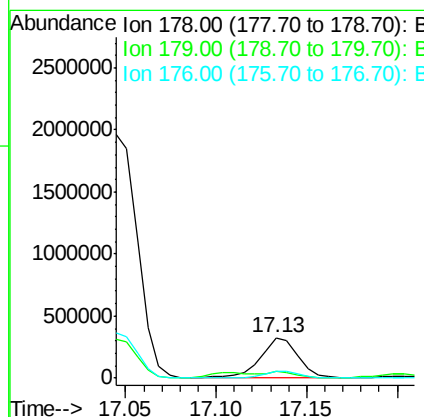
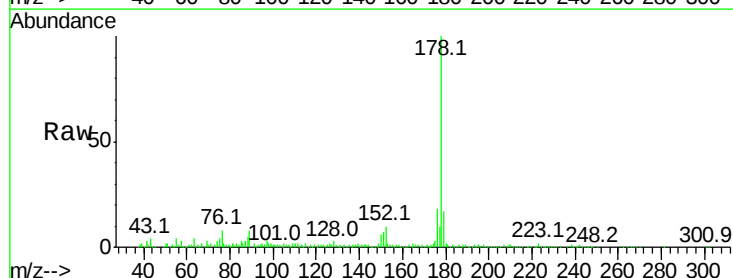
Manual Integrations
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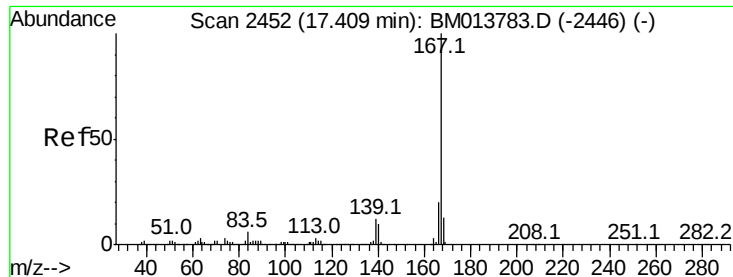
Sohil
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#71
Anthracene
Concen: 10.624 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BM013790.D
Acq: 25 Jan 2018 04:23

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.7	17.5
176	18.0	14.6	21.8





#72

Carbazole

Concen: 7.295 ng/ul

RT: 17.41 min Scan# 2452

Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Instrument :

BNA_M

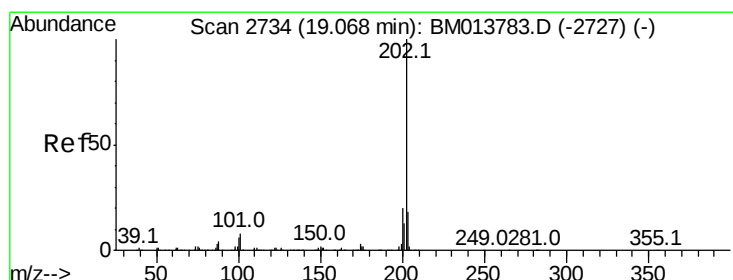
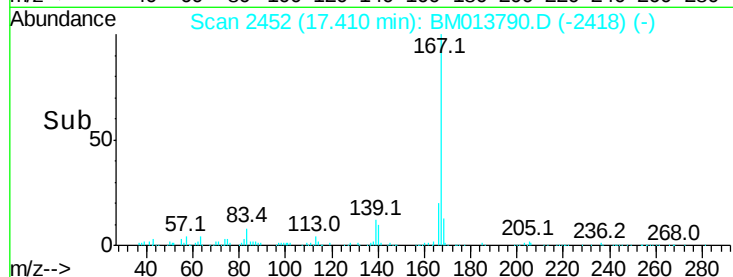
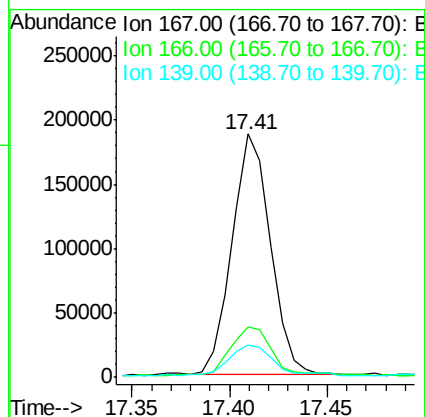
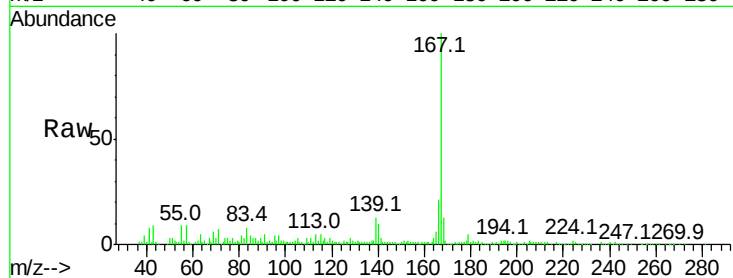
ClientSampled :

F6A85

Tot Ion:	167	Resp:	255071
Ion Ratio	Lower	Upper	
167	100		
166	20.8	17.1	25.7
139	13.3	10.0	15.0

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#74

Fluoranthene

Concen: 30.518 ng/ul

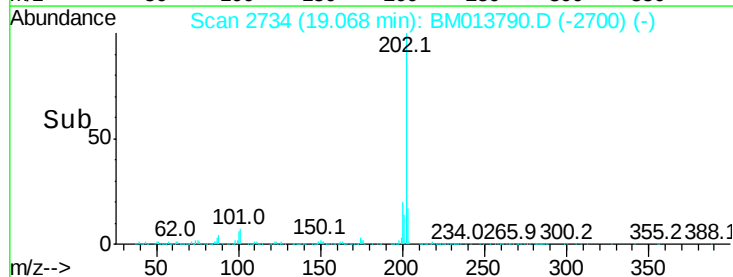
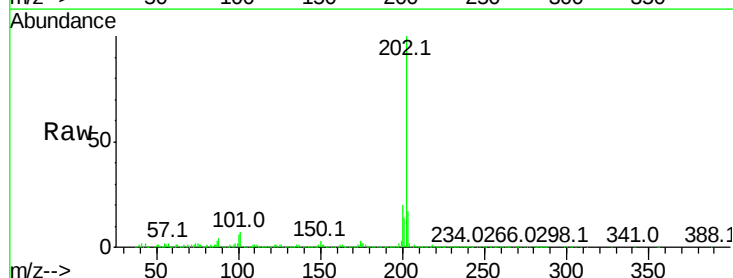
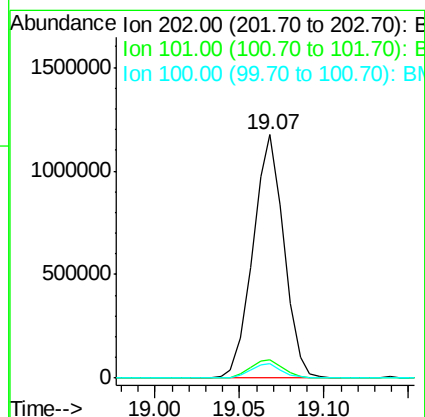
RT: 19.07 min Scan# 2734

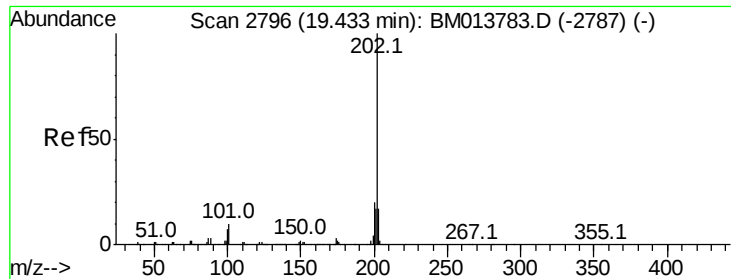
Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Tgt Ion:	202	Resp:	1496082
Ion Ratio	Lower	Upper	
202	100		
101	7.4	4.6	7.0#
100	6.0	3.4	5.2#





#77

Pvrene

Concen: 22.564 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Instrument :

BNA_M

ClientSampled :

F6A85

Tot Ion:202 Resp: 1032258

Ion Ratio Lower Upper

202 100

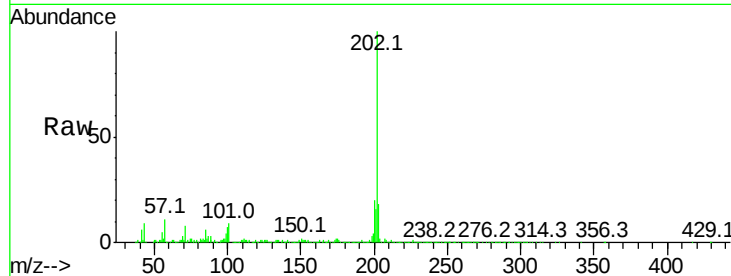
101 8.6 5.1 7.7#

100 7.5 4.9 7.3#

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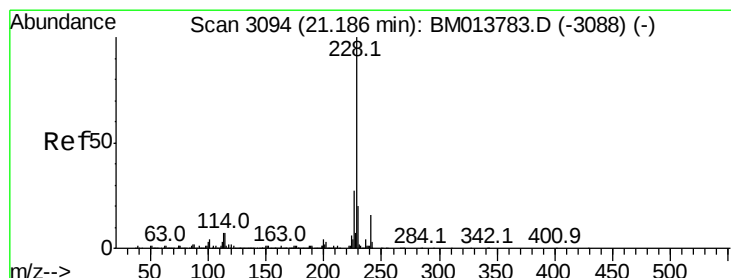
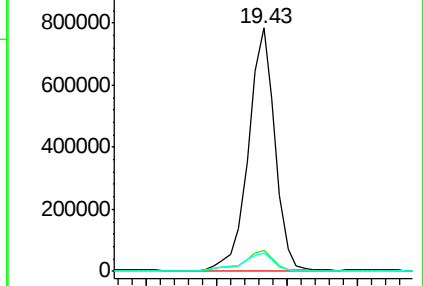
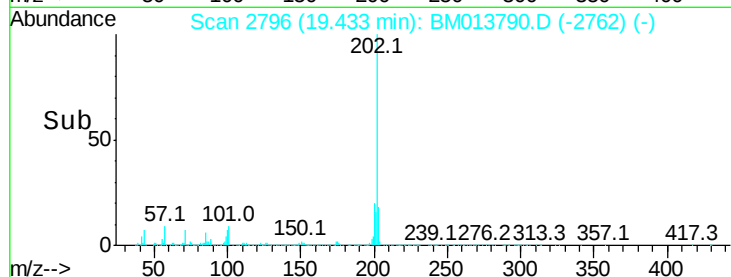
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 4.820 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

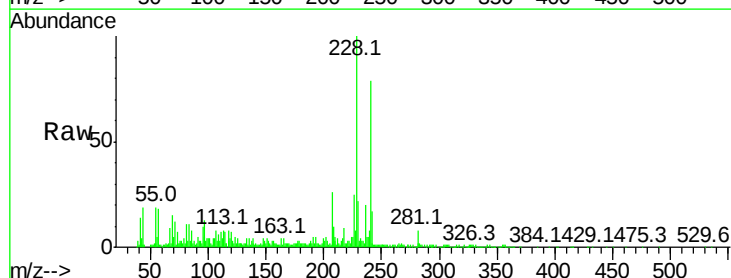
Tgt Ion:228 Resp: 219148

Ion Ratio Lower Upper

228 100

229 21.8 15.4 23.0

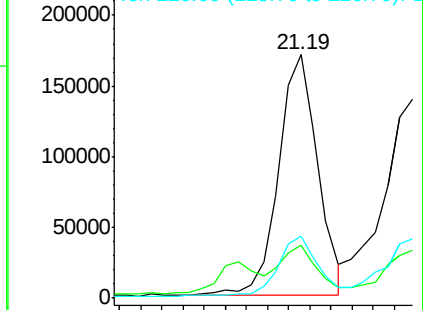
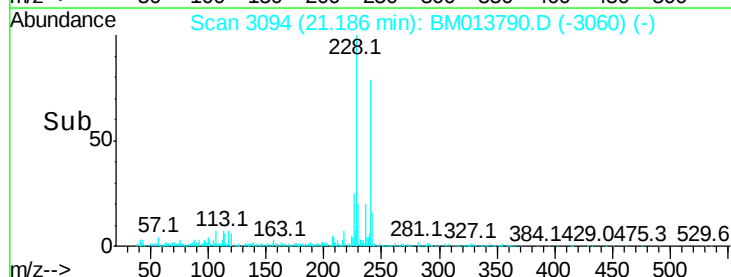
226 25.5 21.4 32.0

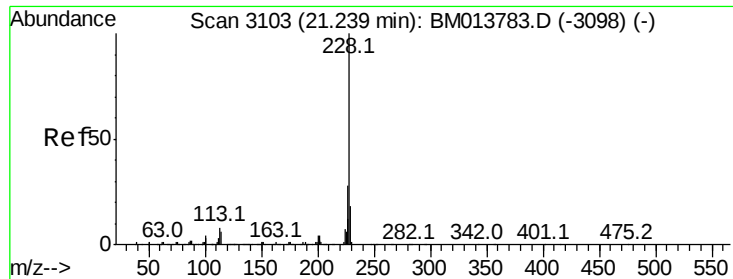


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.799 ng/ul m

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Instrument :

BNA_M

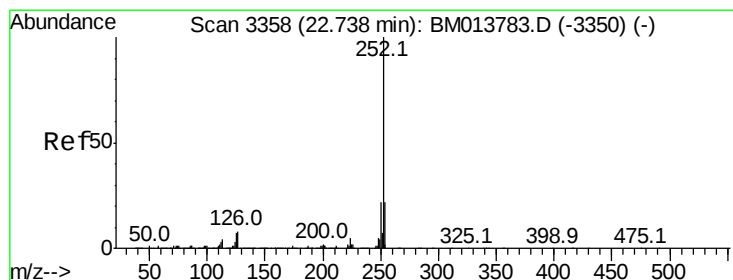
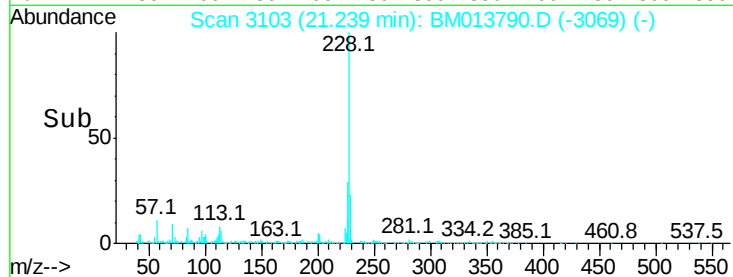
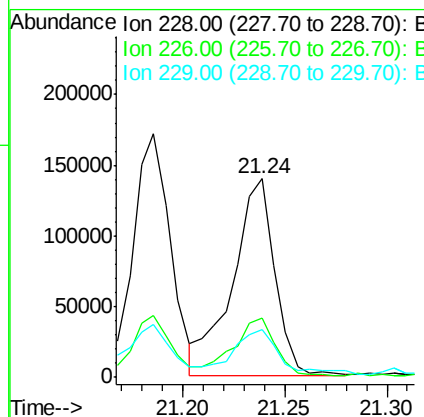
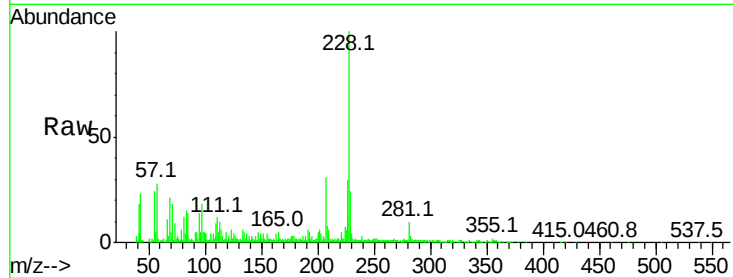
ClientSampleId :

F6A85

Tot Ion:	228	Resp:	200194
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.2
229	24.3	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 2.541 ng/ul

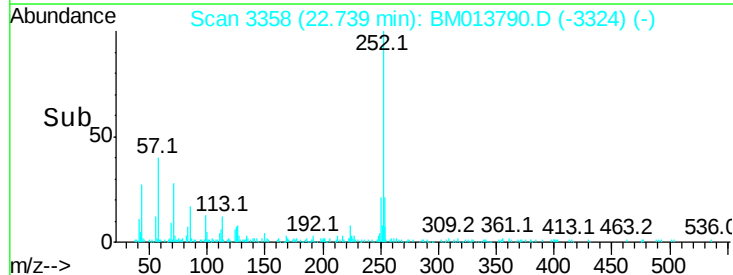
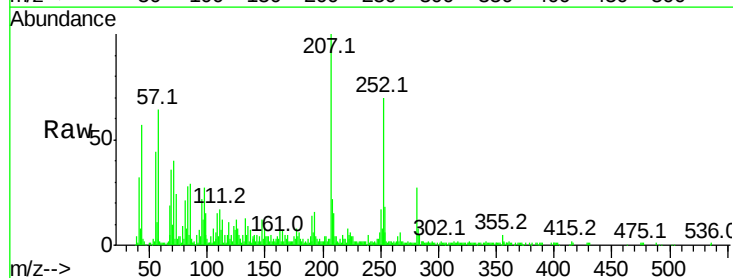
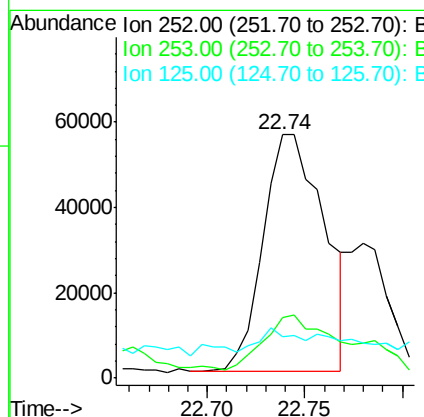
RT: 22.74 min Scan# 3358

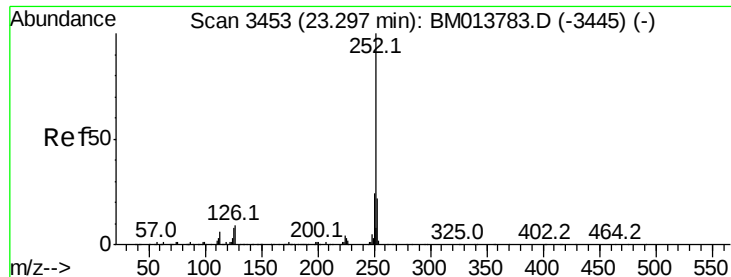
Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Tgt Ion:	252	Resp:	120724
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.9	26.9
125	17.2	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 1.489 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM013790.D

Acq: 25 Jan 2018 04:23

Instrument :

BNA_M

ClientSampleId :

F6A85

Tot Ion:	252	Resp:	66831
Ion Ratio	Lower	Upper	
252	100		
253	33.2	18.2	27.2#
125	17.0	4.0	6.0#

Manual Integrations
APPROVED

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