

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004540.D
 Acq On : 03 Mar 2016 20:13
 Operator : SJ/UM
 Sample : H1616-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P001-SS001-01

Quant Time: Mar 04 04:32:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 04:25:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	32301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	130052	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	65135	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	133864	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	119593	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	140283	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2318	3.86	ng/uL	0.00
5) Phenol-d5	6.79	99	50321	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	27976	21.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	48221	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	39185	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	22246	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	24166	21.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	35978	17.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	19038	7.69	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	119514	22.06	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	145933	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	6498	8.13	ng/ul	0.03
58) Fluorene-d10	15.26	176	101469	21.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	3756	4.32	ng/ul	0.01
71) Anthracene-d10	17.11	188	136641	20.86	ng/ul	0.00
79) Pyrene-d10	19.42	212	143598	22.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	114493	15.34	ng/ul	0.06

Target Compounds

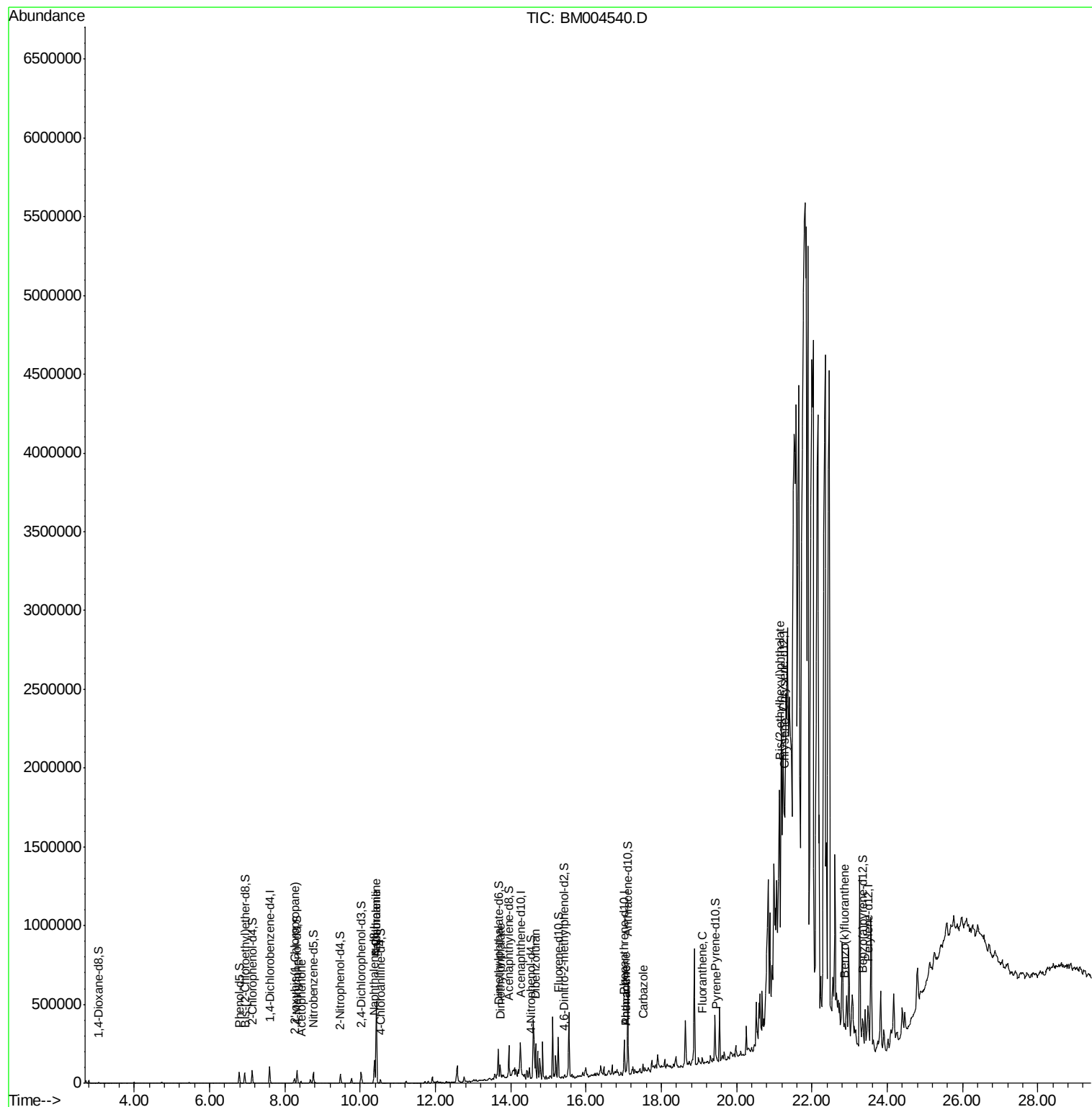
						Qvalue
12) 2,2'-oxybis(1-Chloropropan	8.26	45	1911	1.01	ng/ul#	59
14) Acetophenone	8.43	105	9438	2.61	ng/ul	94
28) Naphthalene	10.43	128	454891	63.59	ng/ul	100
30) 4-Chloroaniline	10.43	127	59674	22.63	ng/ul#	7
45) Dimethylphthalate	13.72	163	50522	8.87	ng/ul	99
54) Dibenzofuran	14.66	168	9216	1.37	ng/ul#	67
70) Phenanthrene	17.06	178	16683	2.08	ng/ul	97
72) Anthracene	17.06	178	16683	2.05	ng/ul	96
75) Carbazole	17.50	167	10267	1.49	ng/ul	96
77) Fluoranthene	19.09	202	18485	2.14	ng/ul	97
80) Pyrene	19.45	202	23832	2.75	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	11326	2.34	ng/ul#	1
85) Chrysene	21.26	228	8736	1.18	ng/ul#	1
89) Benzo(k)fluoranthene	22.86	252	9757	1.05	ng/ul#	15

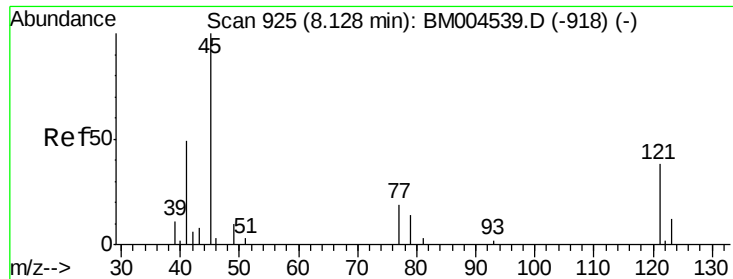
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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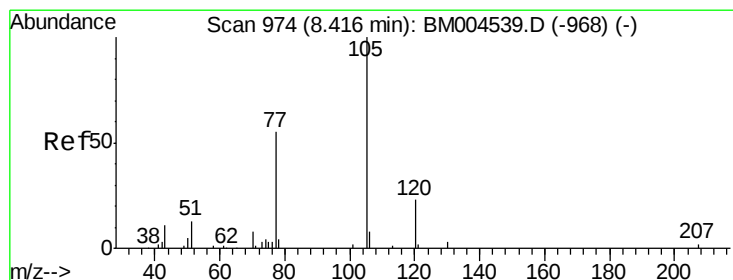
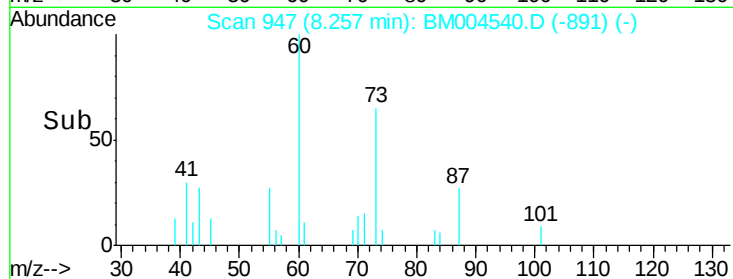
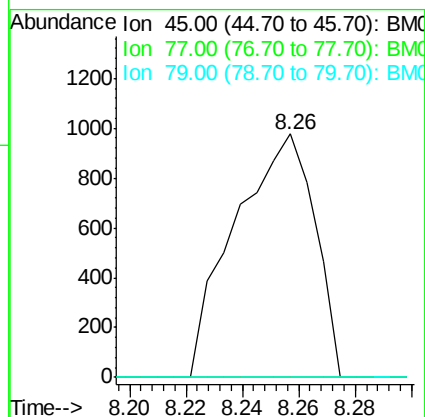
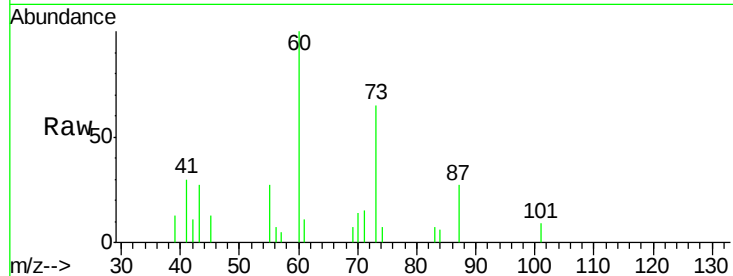




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 1.01 ng/ul
 RT: 8.26 min Scan# 947
 Delta R.T. 0.13 min
 Lab File: BM004540.D
 Acq: 03 Mar 2016 20:13

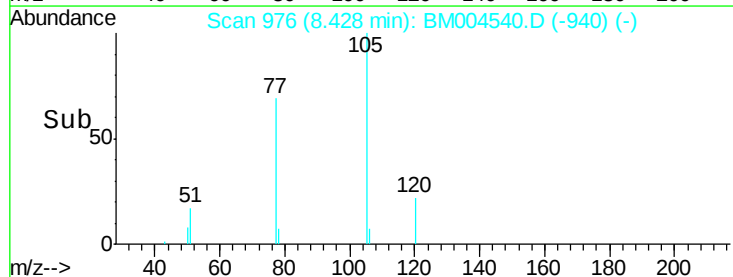
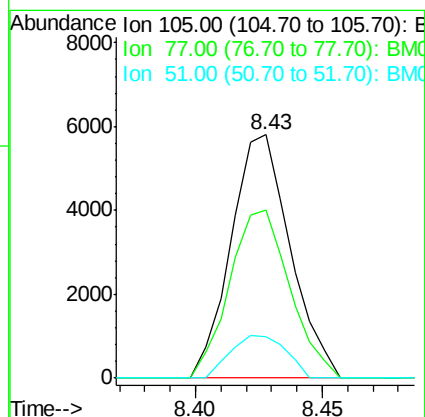
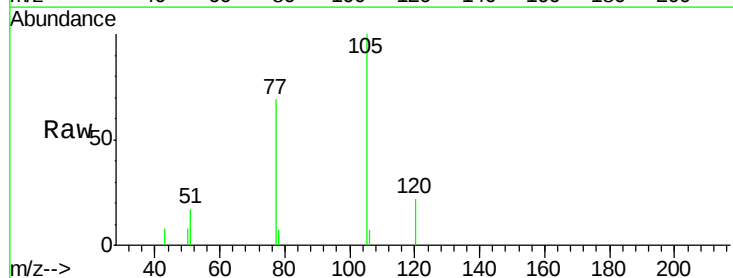
Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P001-SS001-01

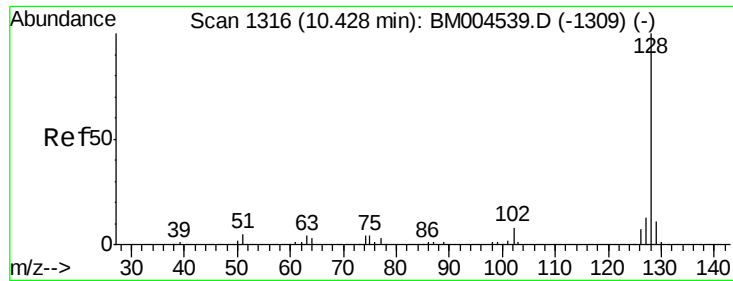
Tgt Ion:	45	Resp:	1911
Ion	Ratio	Lower	Upper
45	100		
77	0.0	15.9	23.9#
79	0.0	12.5	18.7#



#14
 Acetophenone
 Concen: 2.61 ng/ul
 RT: 8.43 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: BM004540.D
 Acq: 03 Mar 2016 20:13

Tgt Ion:	105	Resp:	9438
Ion	Ratio	Lower	Upper
105	100		
77	68.9	59.0	88.4
51	16.7	16.4	24.6

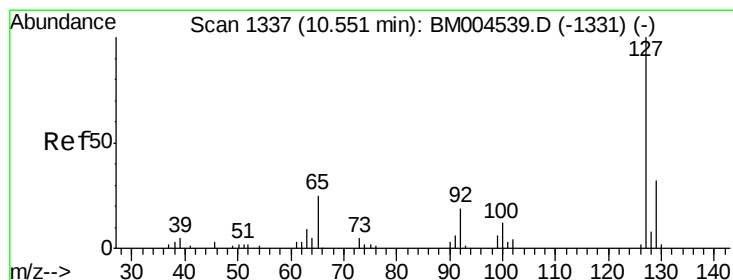
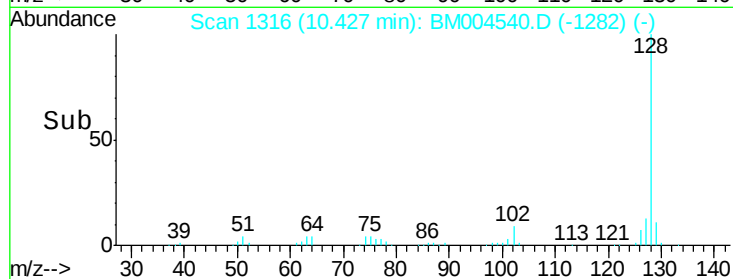
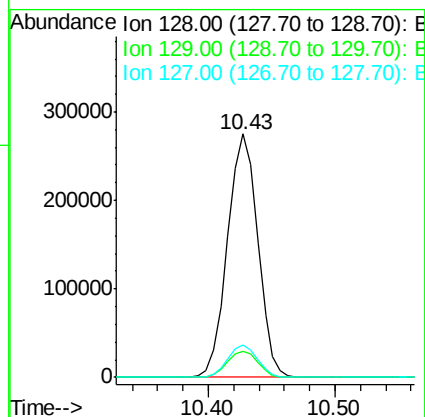
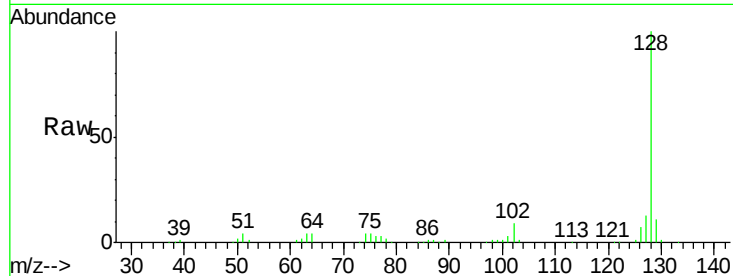




#28
Naphthalene
Concen: 63.59 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

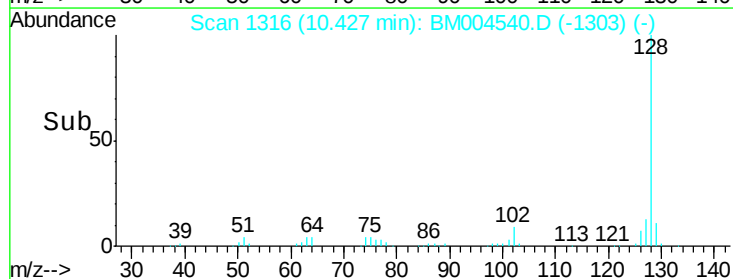
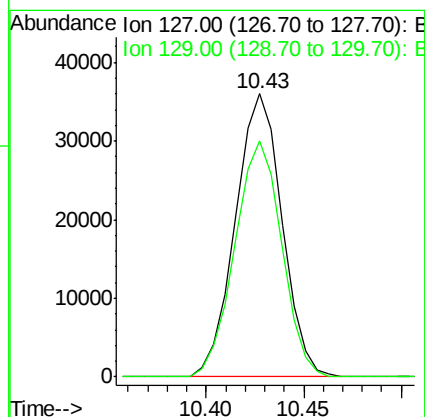
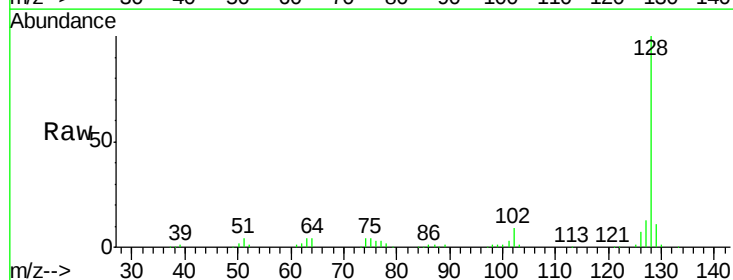
Instrument :
BNA_M
ClientSampleId :
BLDG06-P001-SS001-01

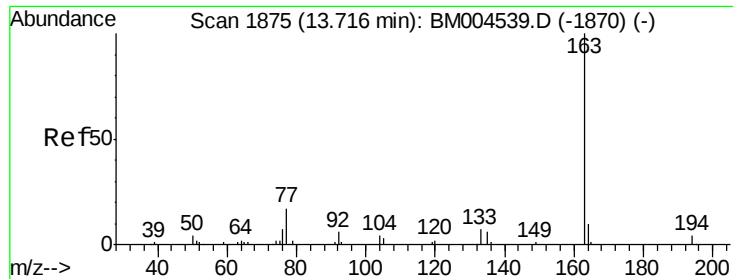
Tgt Ion:128 Resp: 454891
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.5 15.7



#30
4-Chloroaniline
Concen: 22.63 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.12 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

Tgt Ion:127 Resp: 59674
Ion Ratio Lower Upper
127 100
129 83.5 25.4 38.2#

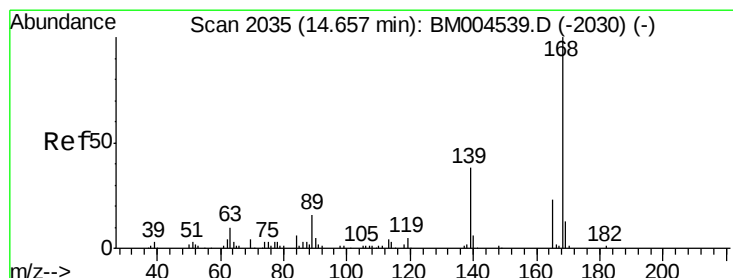
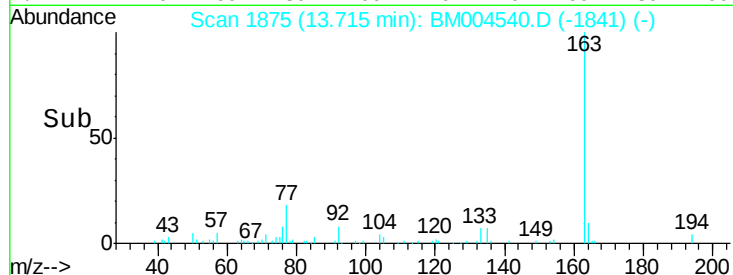
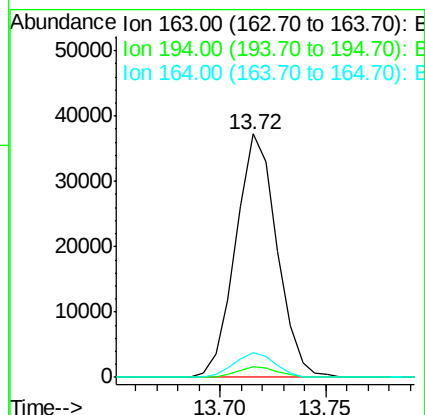
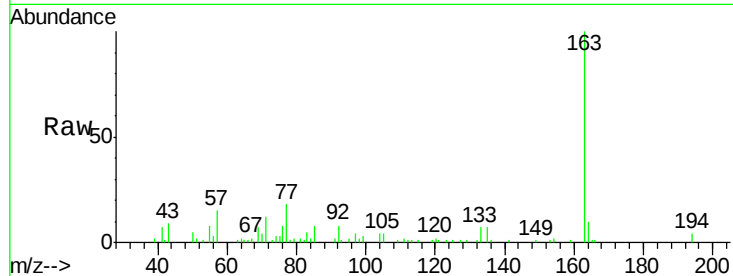




#45
Dimethylphthalate
Concen: 8.87 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

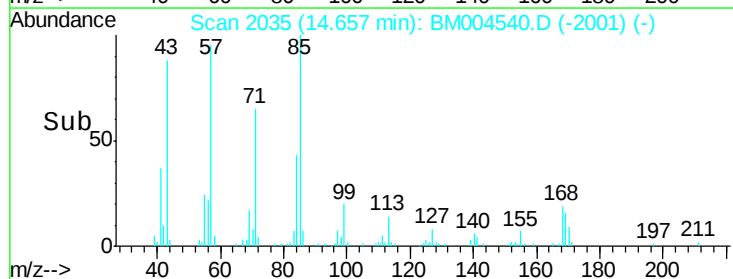
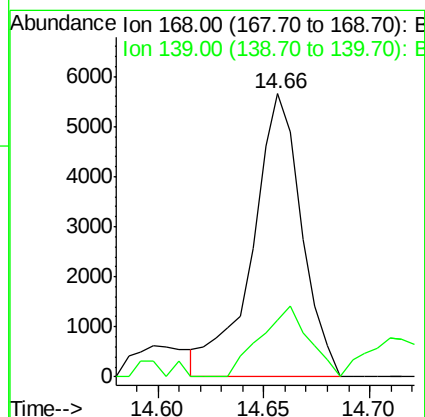
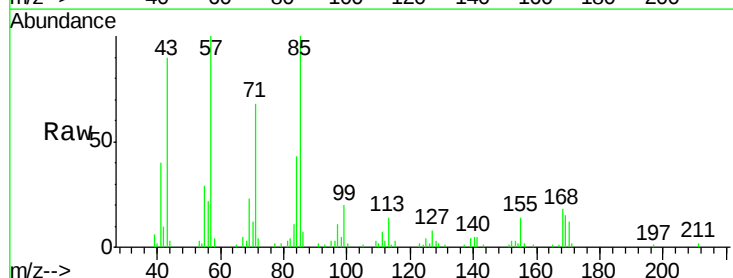
Instrument :
BNA_M
ClientSampleId :
BLDG06-P001-SS001-01

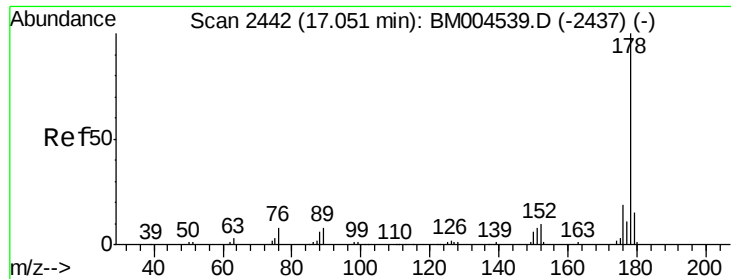
Tgt Ion:163 Resp: 50522
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 7.8 11.8



#54
Dibenzofuran
Concen: 1.37 ng/ul
RT: 14.66 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

Tgt Ion:168 Resp: 9216
Ion Ratio Lower Upper
168 100
139 20.1 32.2 48.2#

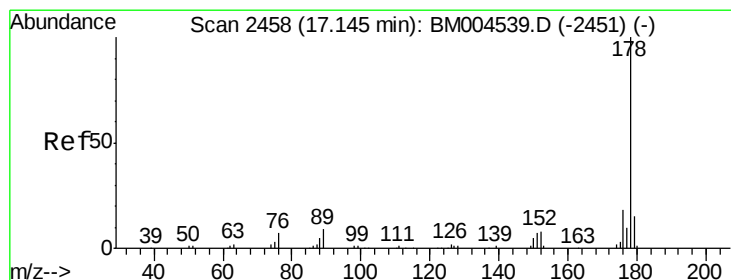
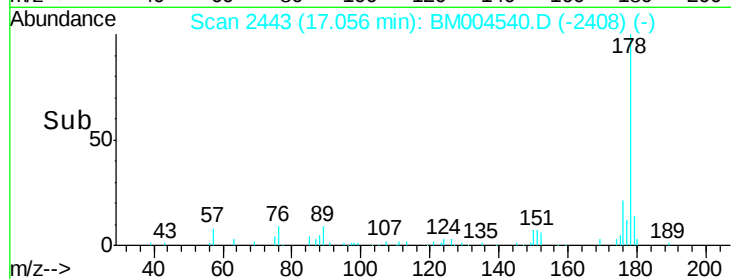
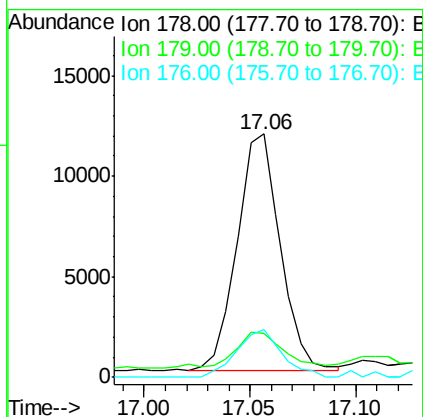
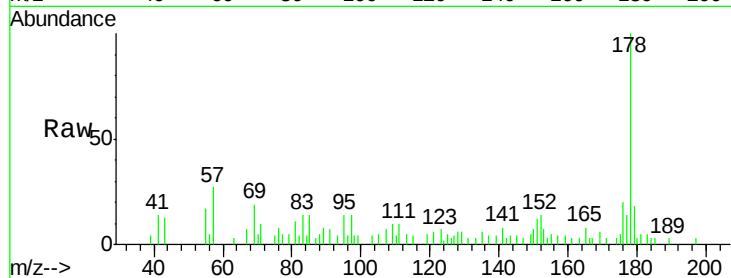




#70
 Phenanthrene
 Concen: 2.08 ng/ul
 RT: 17.06 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BM004540.D
 Acq: 03 Mar 2016 20:13

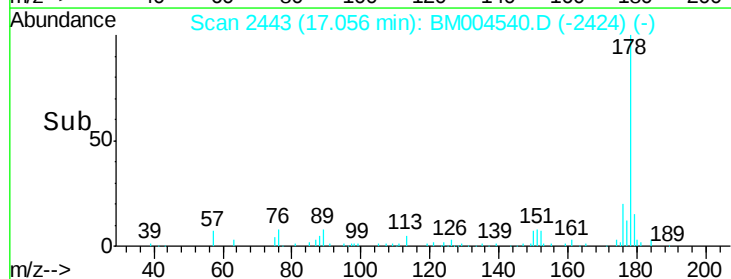
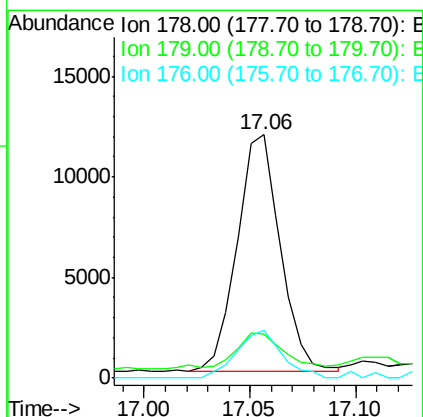
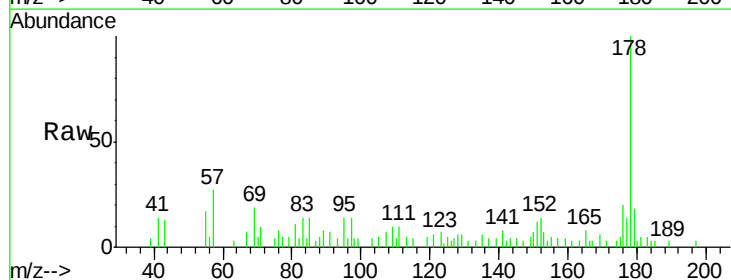
Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P001-SS001-01

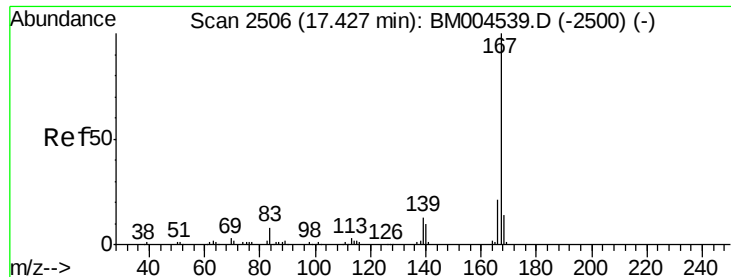
Tgt Ion:178 Resp: 16683
 Ion Ratio Lower Upper
 178 100
 179 17.8 12.2 18.4
 176 19.7 15.6 23.4



#72
 Anthracene
 Concen: 2.05 ng/ul
 RT: 17.06 min Scan# 2443
 Delta R.T. -0.09 min
 Lab File: BM004540.D
 Acq: 03 Mar 2016 20:13

Tgt Ion:178 Resp: 16683
 Ion Ratio Lower Upper
 178 100
 179 17.8 12.1 18.1
 176 19.7 14.8 22.2





#75

Carbazole

Concen: 1.49 ng/ul

RT: 17.50 min Scan# 2519

Delta R.T. 0.08 min

Lab File: BM004540.D

Acq: 03 Mar 2016 20:13

Instrument :

BNA_M

ClientSampleId :

BLDG06-P001-SS001-01

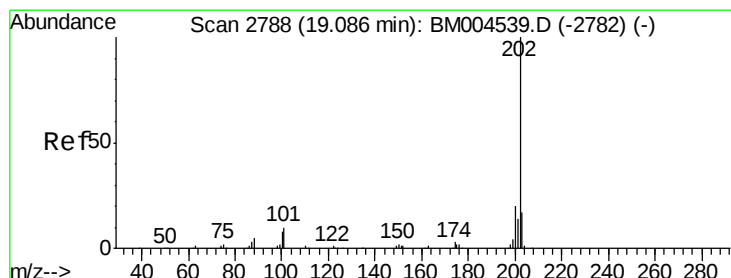
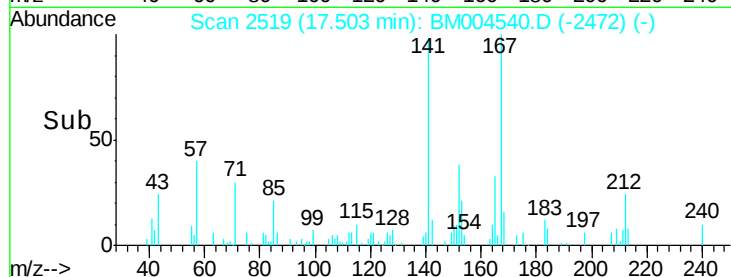
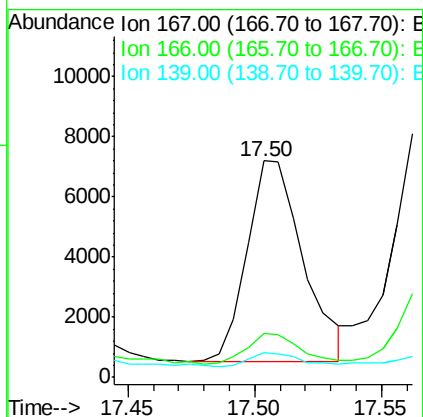
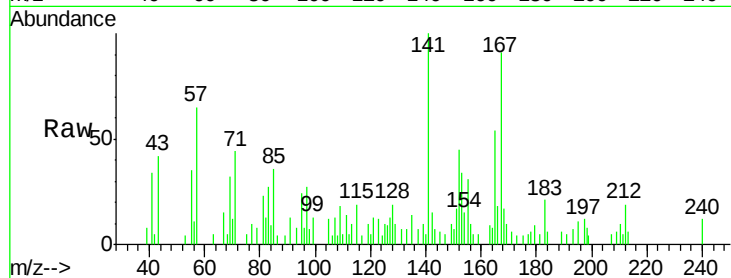
Tgt Ion:167 Resp: 10267

Ion Ratio Lower Upper

167 100

166 20.2 17.0 25.6

139 11.4 11.0 16.4



#77

Fluoranthene

Concen: 2.14 ng/ul

RT: 19.09 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BM004540.D

Acq: 03 Mar 2016 20:13

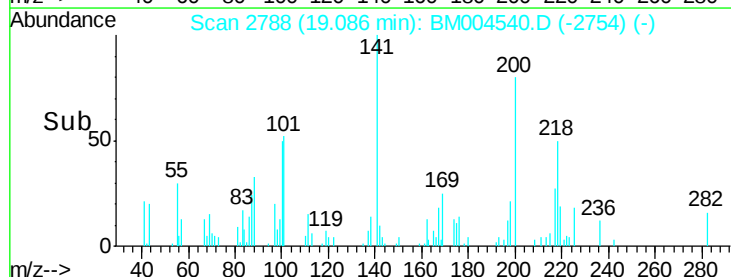
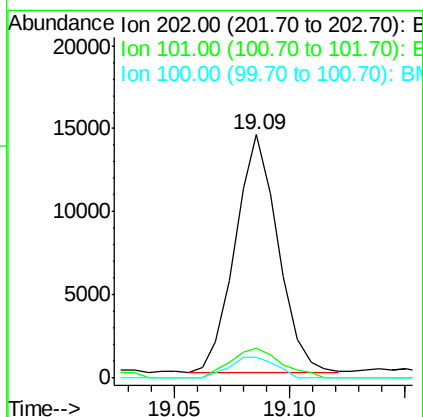
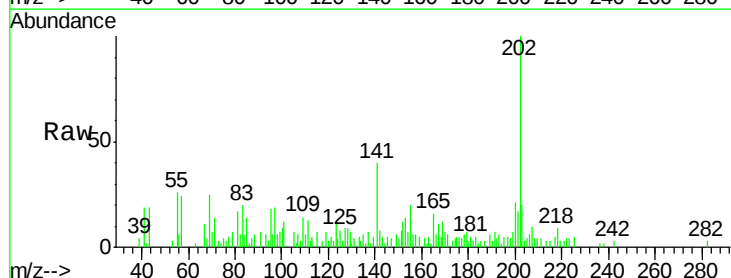
Tgt Ion:202 Resp: 18485

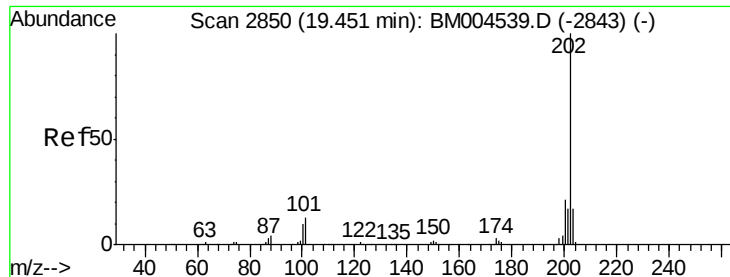
Ion Ratio Lower Upper

202 100

101 12.3 8.8 13.2

100 8.7 6.6 9.8

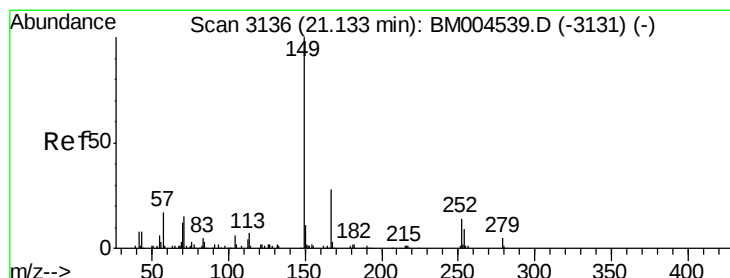
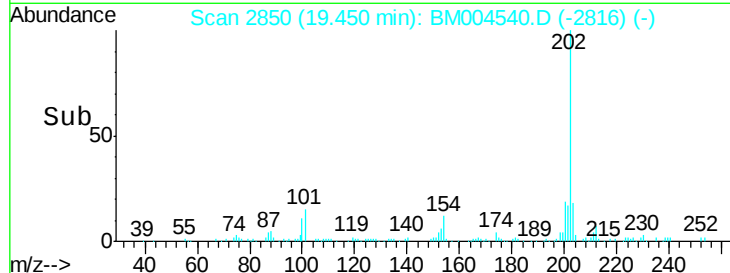
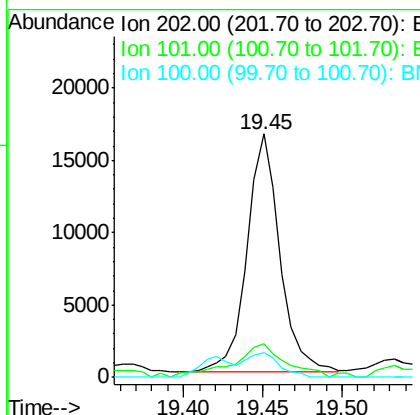
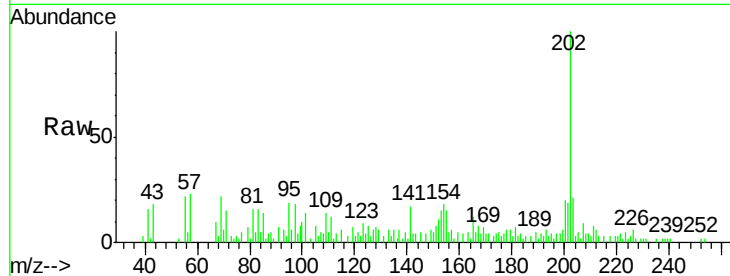




#80
 Pyrene
 Concen: 2.75 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BM004540.D
 Acq: 03 Mar 2016 20:13

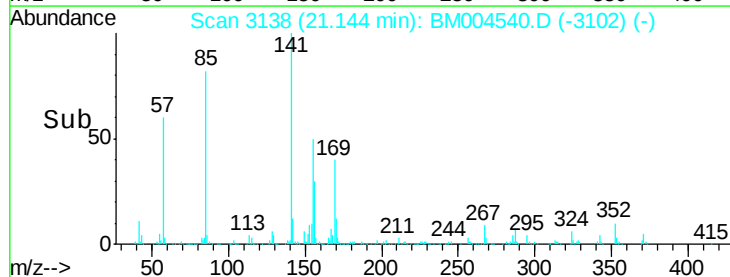
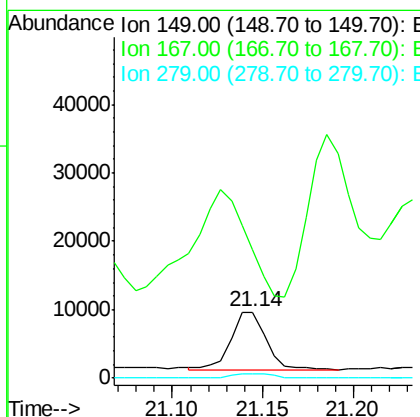
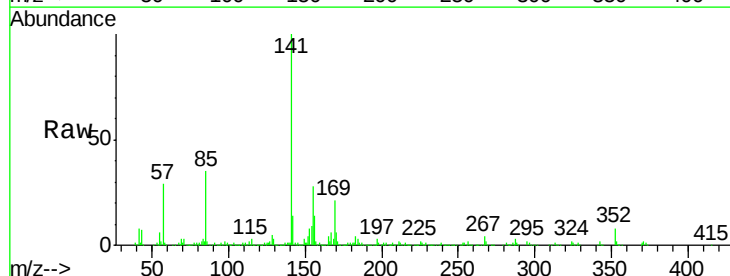
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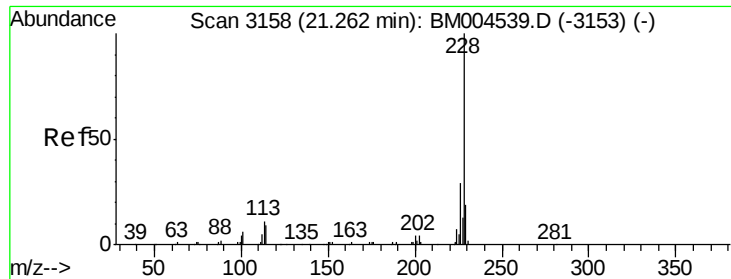
Tgt Ion:	202	Resp:	23832
Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.2	15.2
100	10.2	8.5	12.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.34 ng/ul
 RT: 21.14 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BM004540.D
 Acq: 03 Mar 2016 20:13

Tgt Ion:	149	Resp:	11326
Ion	Ratio	Lower	Upper
149	100		
167	194.4	21.6	32.4#
279	6.4	3.0	4.4#

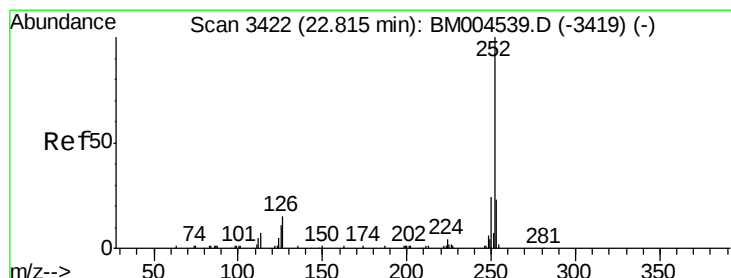
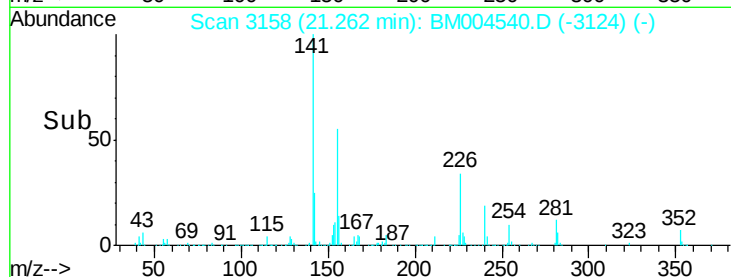
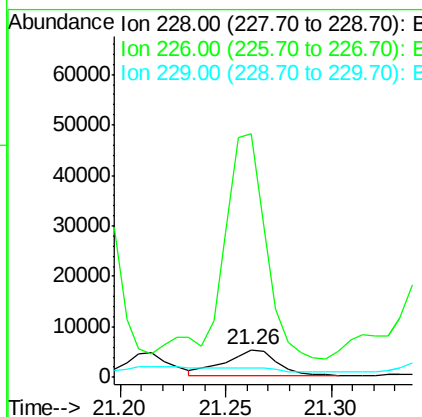
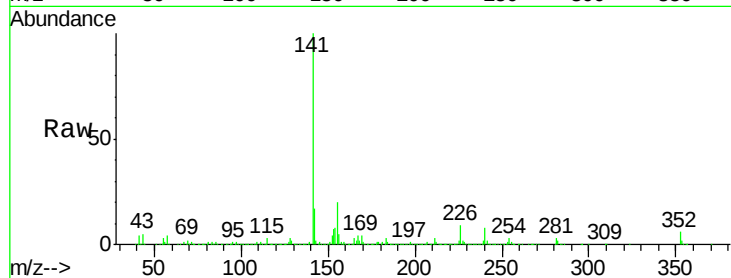




#85
Chrysene
Concen: 1.18 ng/ul
RT: 21.26 min Scan# 3158
Delta R.T. -0.00 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

Instrument :
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ClientSampleId :
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Tgt Ion: 228 Resp: 8736
Ion Ratio Lower Upper
228 100
226 880.0 24.0 36.0#
229 34.3 15.6 23.4#



#89
Benzo(k)fluoranthene
Concen: 1.05 ng/ul
RT: 22.86 min Scan# 3430
Delta R.T. 0.05 min
Lab File: BM004540.D
Acq: 03 Mar 2016 20:13

Tgt Ion: 252 Resp: 9757
Ion Ratio Lower Upper
252 100
253 38.3 17.3 25.9#
125 81.4 8.2 12.2#

