Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020216\
Data File : BM004168.D
Acq On : 02 Feb 2016 17:46
Operator : SJ/IZ
Sample : H1314-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : WELDON-WC-SC-018

Quant Time: Feb 03 01:20:47 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM012216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 14:46:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	23806	5.00	ng		0.00
7) Naphthalene-d8	10.44	136	104583	5.00	ng		0.00
13) Acenaphthene-d10	14.31	164	62708	5.00	ng		0.00
19) Phenanthrene-d10	17.06	188	162760	5.00	ng		0.00
26) Chrysene-d12	21.27	240	160564	5.00	ng		0.00
35) Perylene-d12	23.51	264	151497	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	41658	8.39	ng		-0.02
5) Phenol-d6	6.85	99	57434	9.58	ng		0.00
8) Nitrobenzene-d5	8.83	82	22994	5.02	ng		0.00
14) 2,4,6-Tribromophenol	15.81	330	18547	7.55	ng		0.00
15) 2-Fluorobiphenyl	12.93	172	91017	4.74	ng		0.00
29) Terphenyl-d14	19.71	244	113088	5.54	ng		0.00
Target Compounds							Qvalue
25) Fluoranthene	19.14	202	2219	0.05	ng		99
28) Pyrene	19.50	202	2230	0.03	ng		96
33) Bis(2-ethylhexyl)phthalate	21.19	149	8471	0.58	ng	#	95
34) Indeno(1,2,3-cd)pyrene	25.76	276	1669	0.06	ng		95
40) Benzo(g,h,i)perylene	26.44	276	1432	0.04	ng	#	73

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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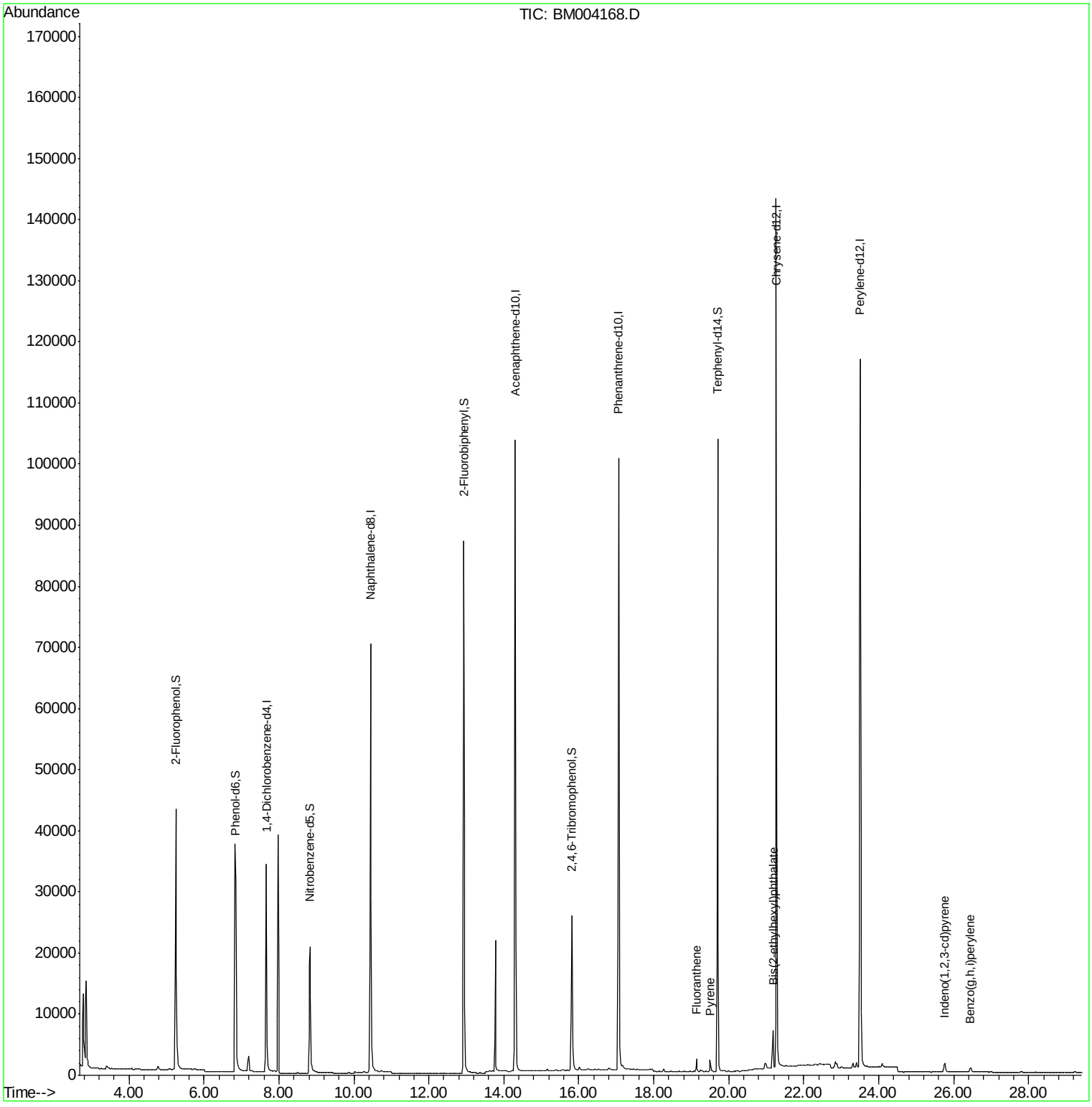
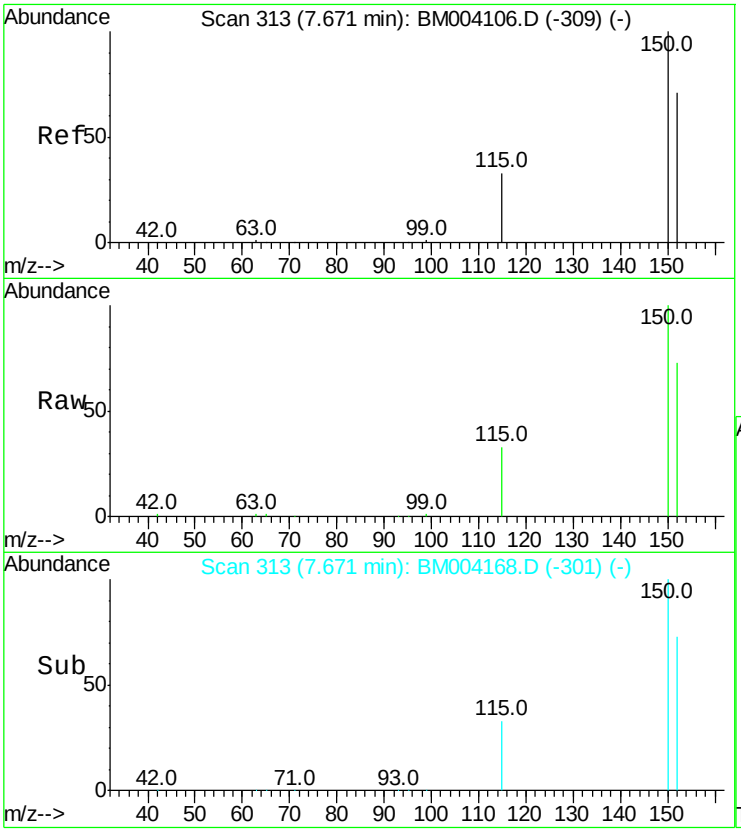


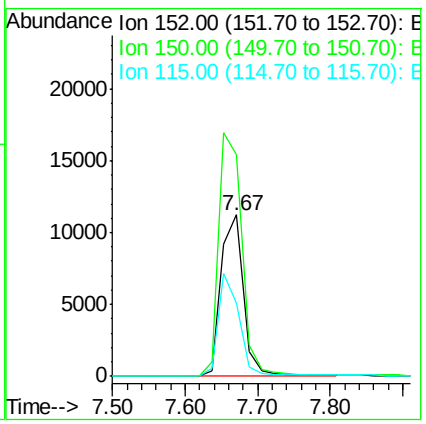


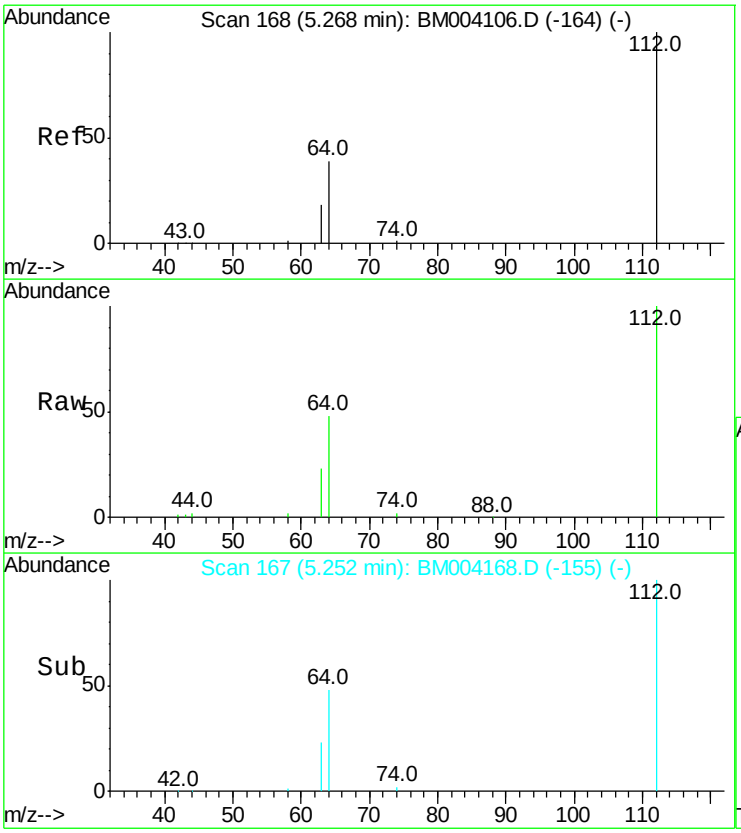
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.67 min Scan# 313
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:152 Resp: 23806

Ion	Ratio	Lower	Upper
152	100		
150	137.7	122.9	184.3
115	45.7	44.4	66.6

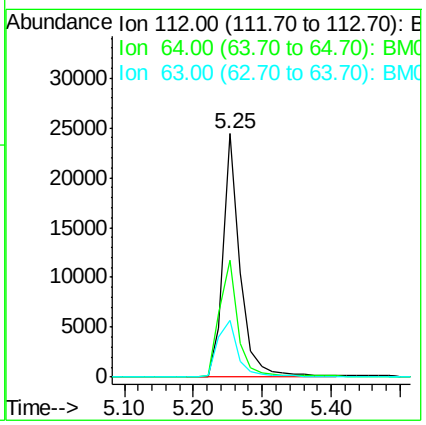


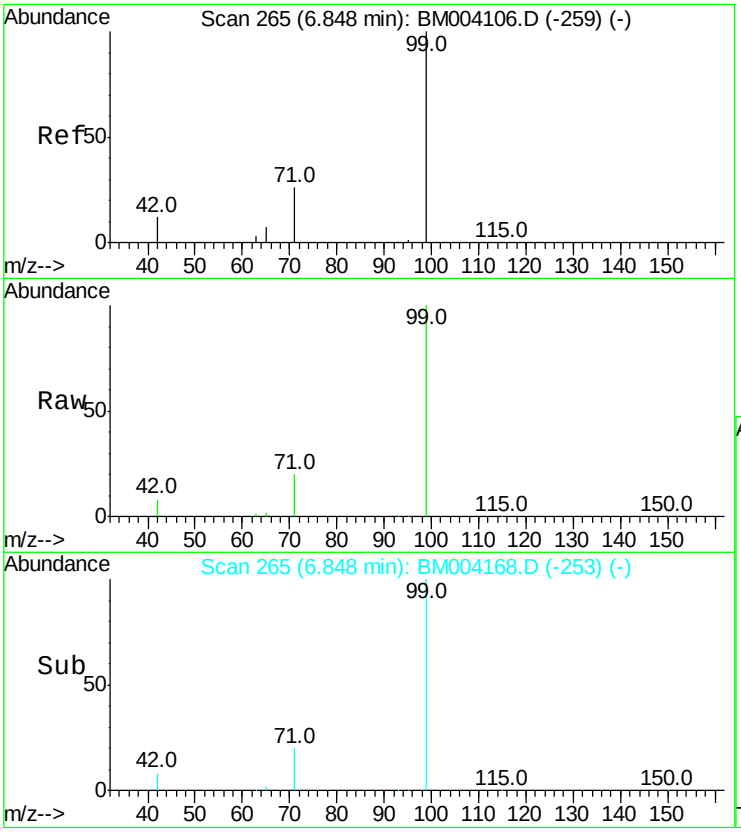


#4
2-Fluorophenol
Concen: 8.39 ng
RT: 5.25 min Scan# 167
Delta R.T. -0.02 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:112 Resp: 41658

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.8	62.8
63	27.4	22.1	33.1



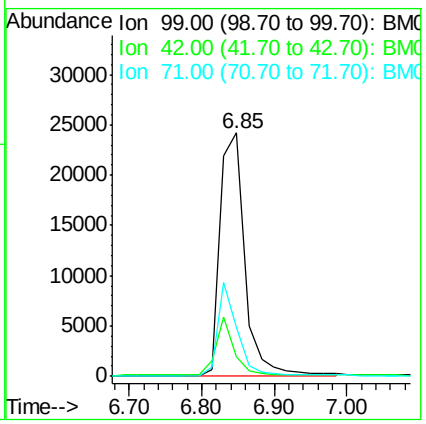


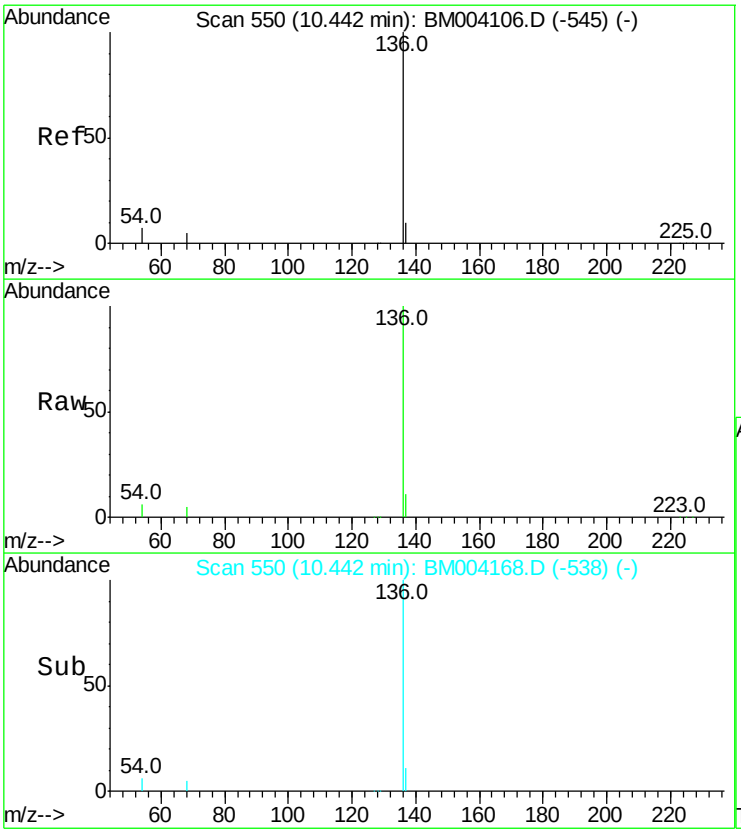
#5
Phenol-d6
Concen: 9.58 ng
RT: 6.85 min Scan# 265
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion: 99 Resp: 57434

Ion	Ratio	Lower	Upper
99	100		
42	17.9	16.2	24.2
71	30.8	24.4	36.6

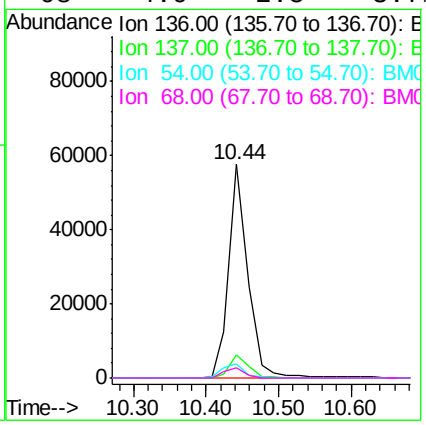


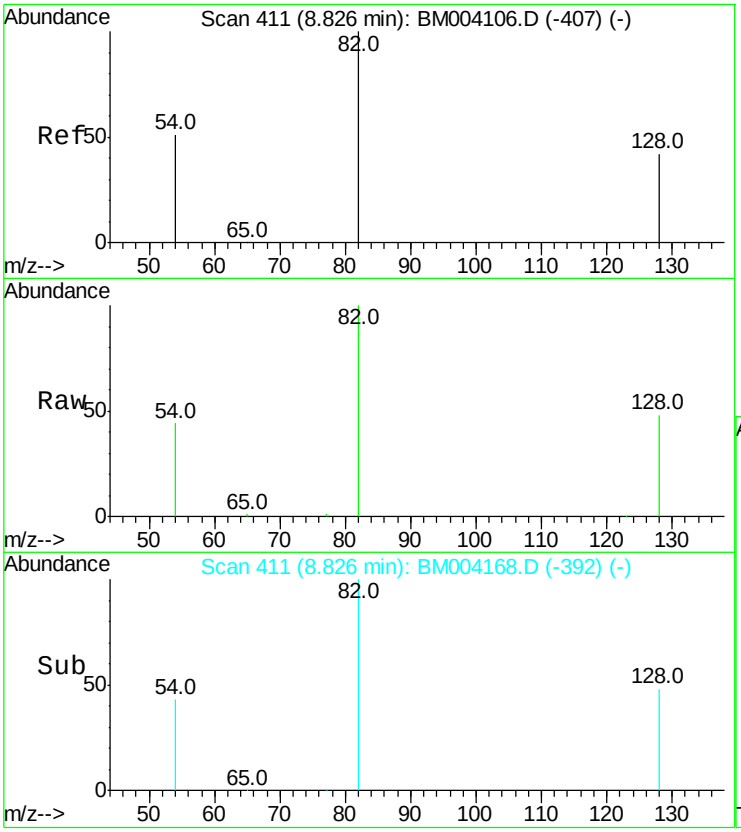


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:136 Resp: 104583

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	6.5	2.8	4.2#
68	4.9	2.5	3.7#



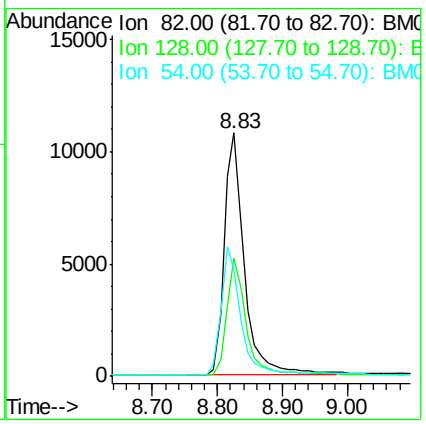


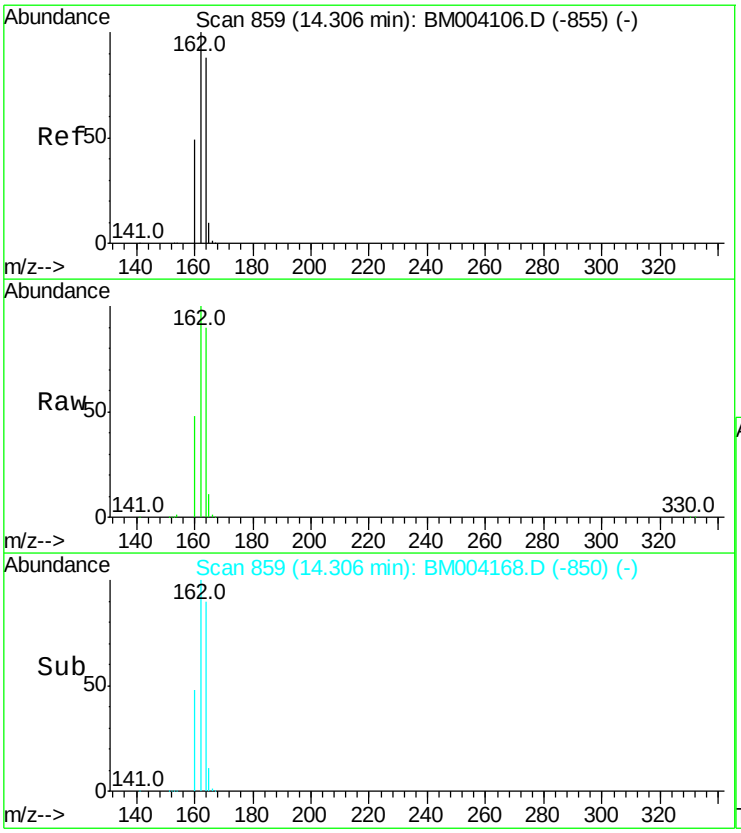
#8
Nitrobenzene-d5
Concen: 5.02 ng
RT: 8.83 min Scan# 411
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion: 82 Resp: 22994

Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.1	58.7
54	43.8	34.8	52.2

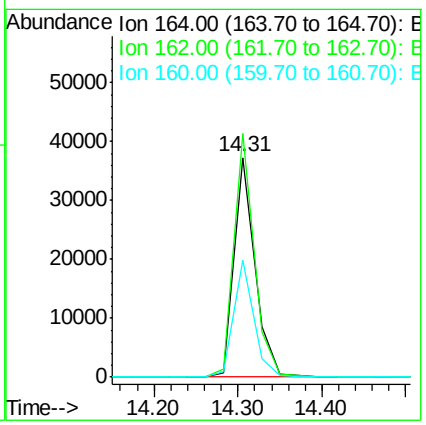


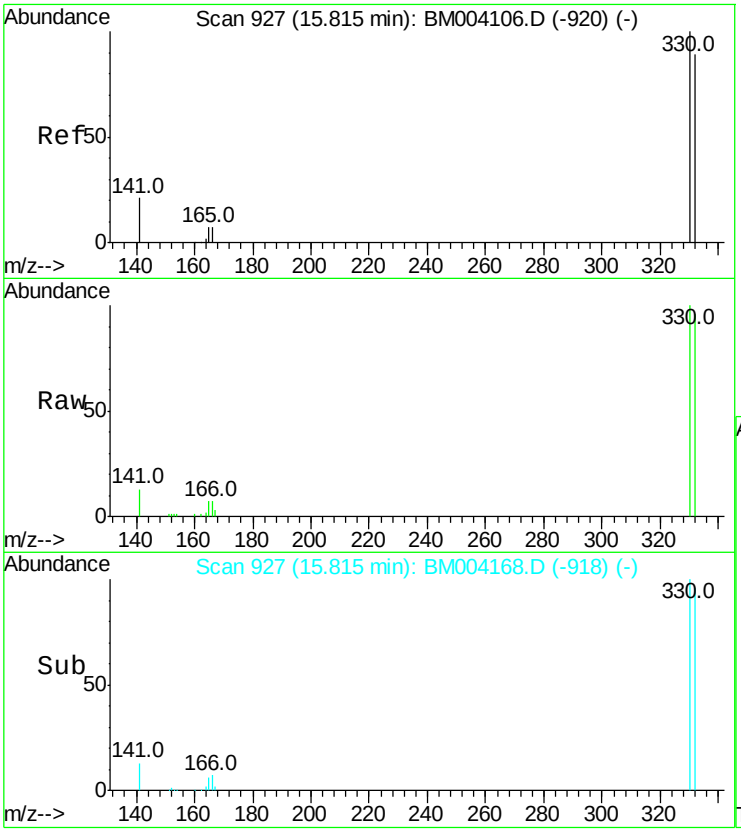


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.31 min Scan# 859
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:164 Resp: 62708

Ion	Ratio	Lower	Upper
164	100		
162	111.0	86.0	129.0
160	53.3	40.3	60.5



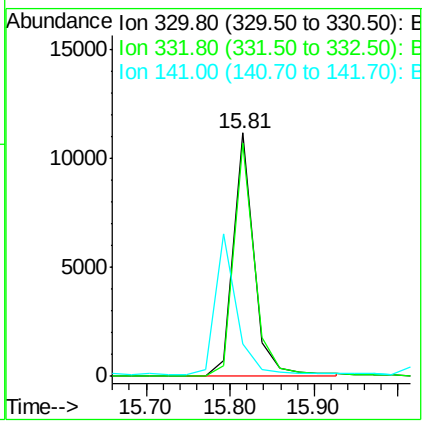


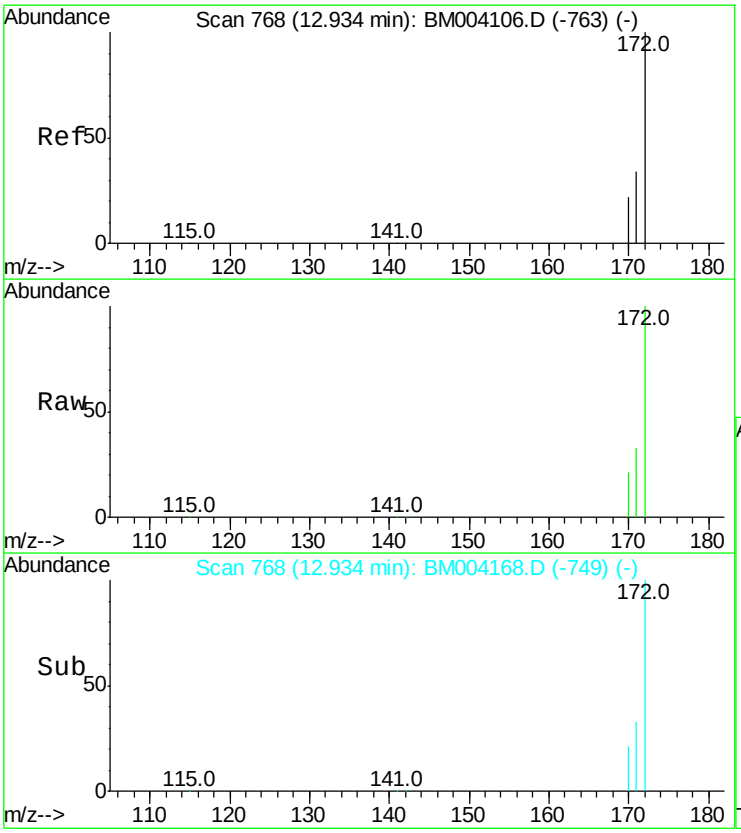
#14
2,4,6-Tribromophenol
Concen: 7.55 ng
RT: 15.81 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:330 Resp: 18547

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	0.0	27.8	41.6#

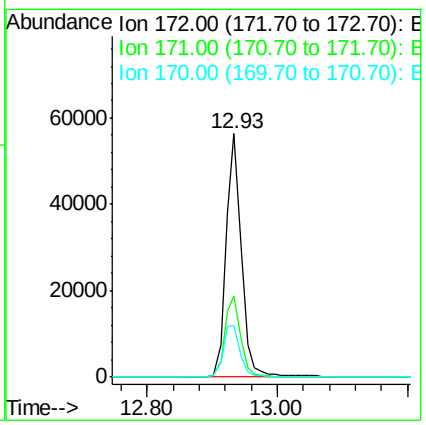


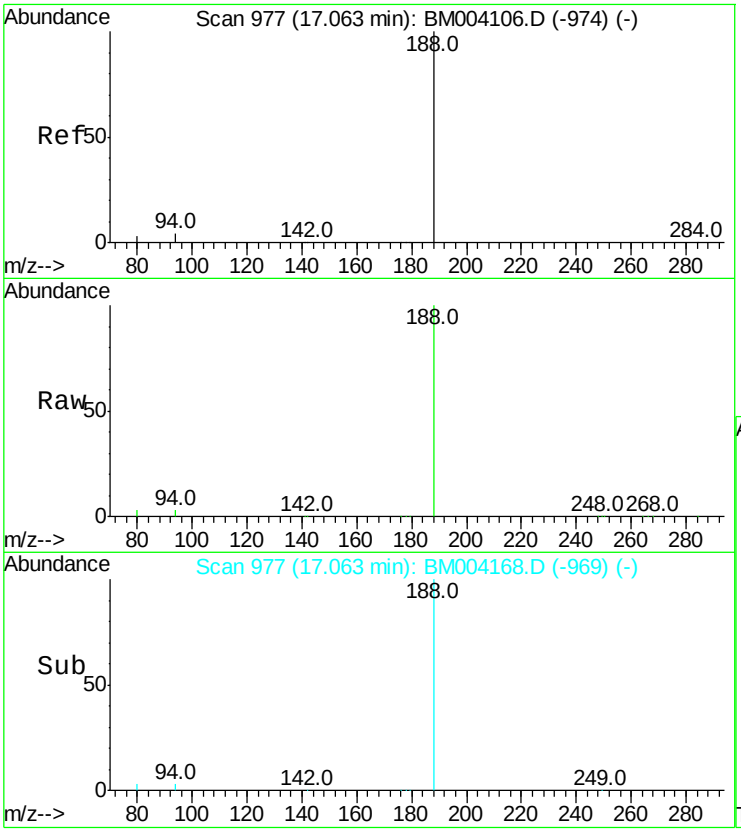


#15
2-Fluorobiphenyl
Concen: 4.74 ng
RT: 12.93 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:172 Resp: 91017

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.0	40.6
170	21.0	17.9	26.9



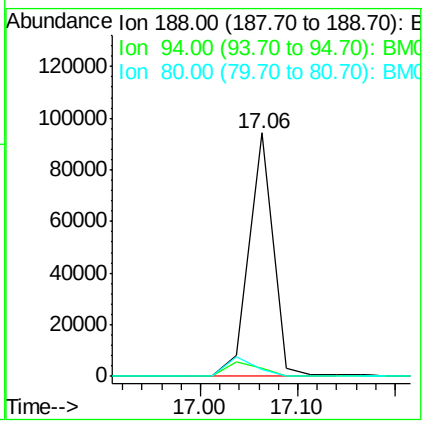


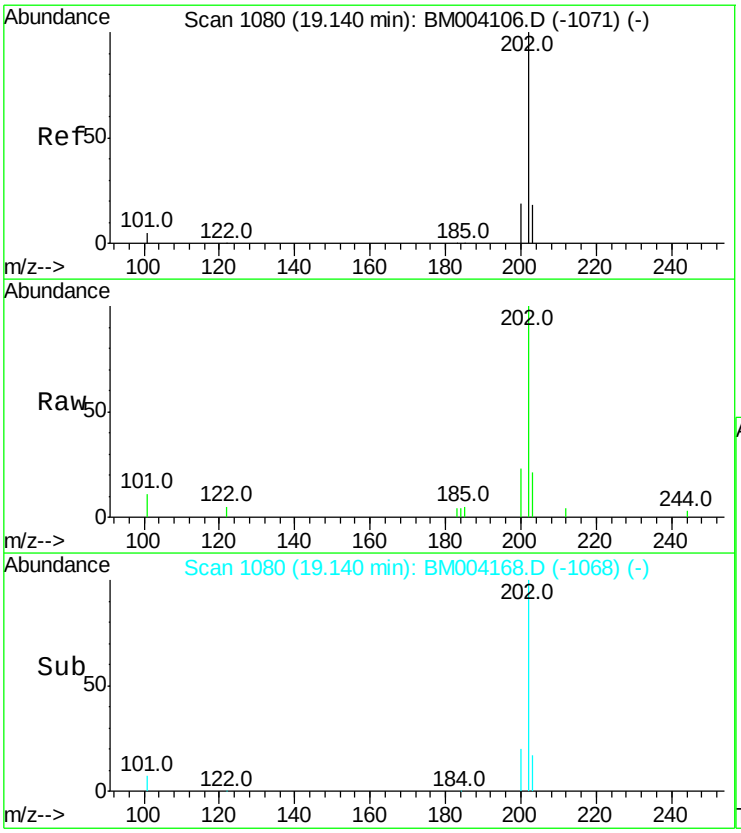
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 977
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:188 Resp: 162760

Ion	Ratio	Lower	Upper
188	100		
94	3.2	20.3	30.5#
80	2.7	22.2	33.4#

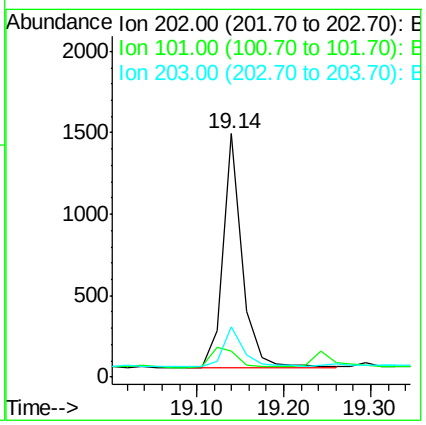


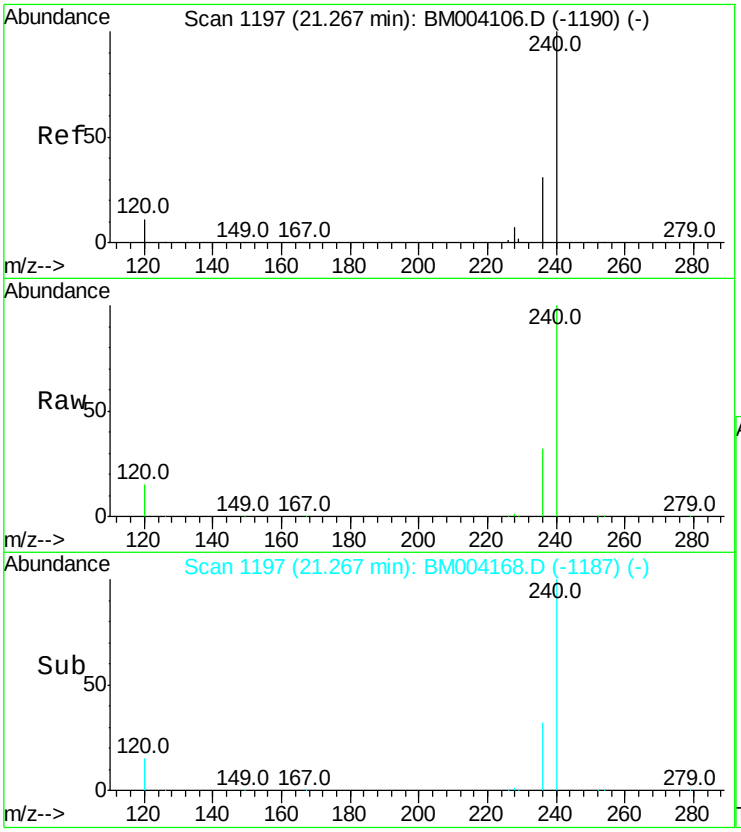


#25
Fluoranthene
Concen: 0.05 ng
RT: 19.14 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:202 Resp: 2219

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.7	14.5
203	17.0	13.8	20.8



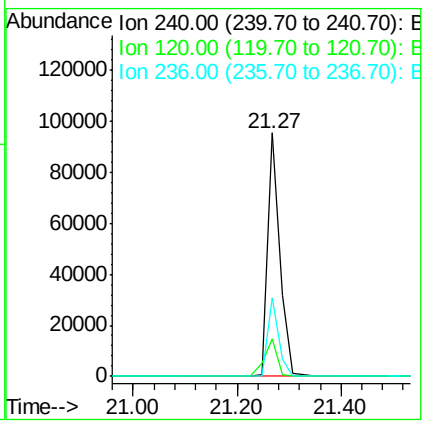


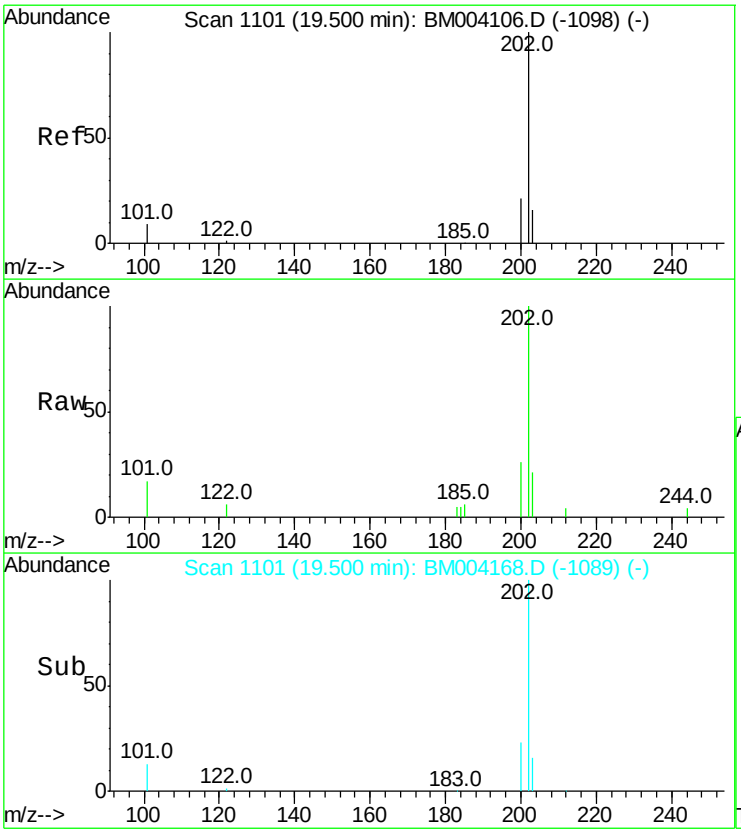
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:240 Resp: 160564

Ion	Ratio	Lower	Upper
240	100		
120	15.3	0.9	1.3#
236	32.4	17.3	25.9#

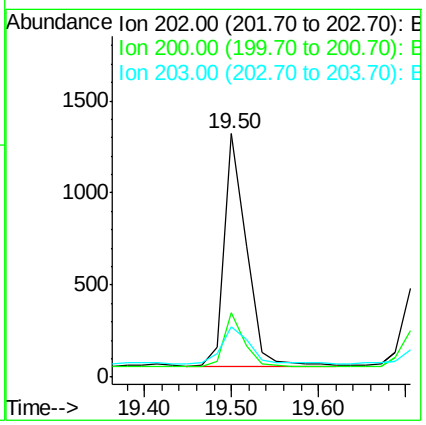


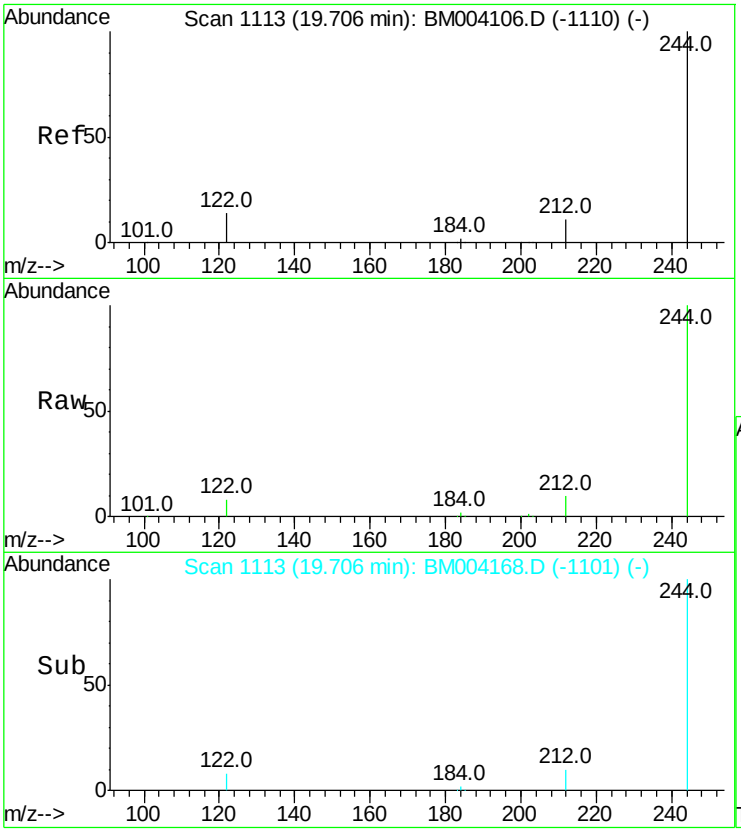


#28
Pyrene
Concen: 0.03 ng
RT: 19.50 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:202 Resp: 2230

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	20.9	14.0	21.0



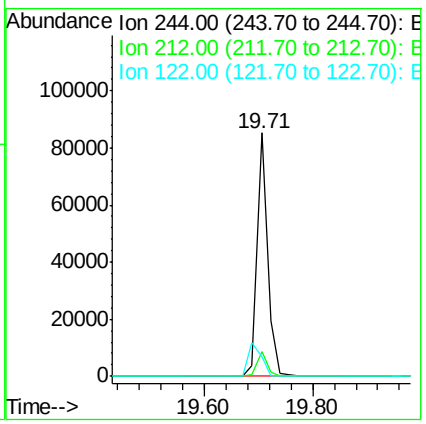


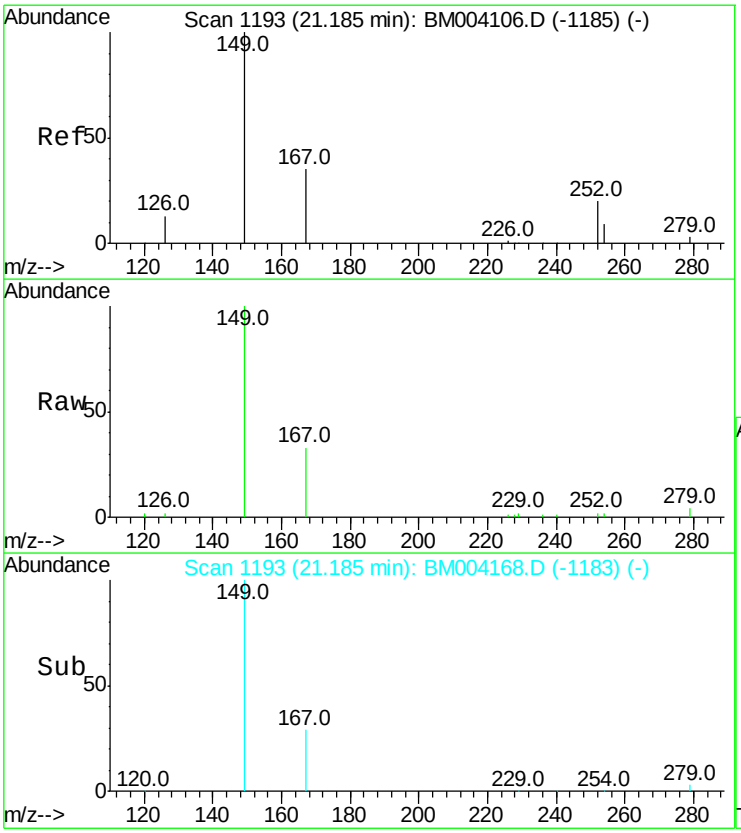
#29
Terphenyl-d14
Concen: 5.54 ng
RT: 19.71 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:244 Resp: 113088

Ion	Ratio	Lower	Upper
244	100		
212	10.3	7.0	10.6
122	8.2	3.0	4.6#

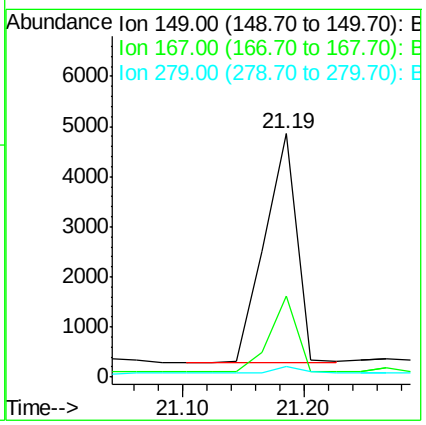


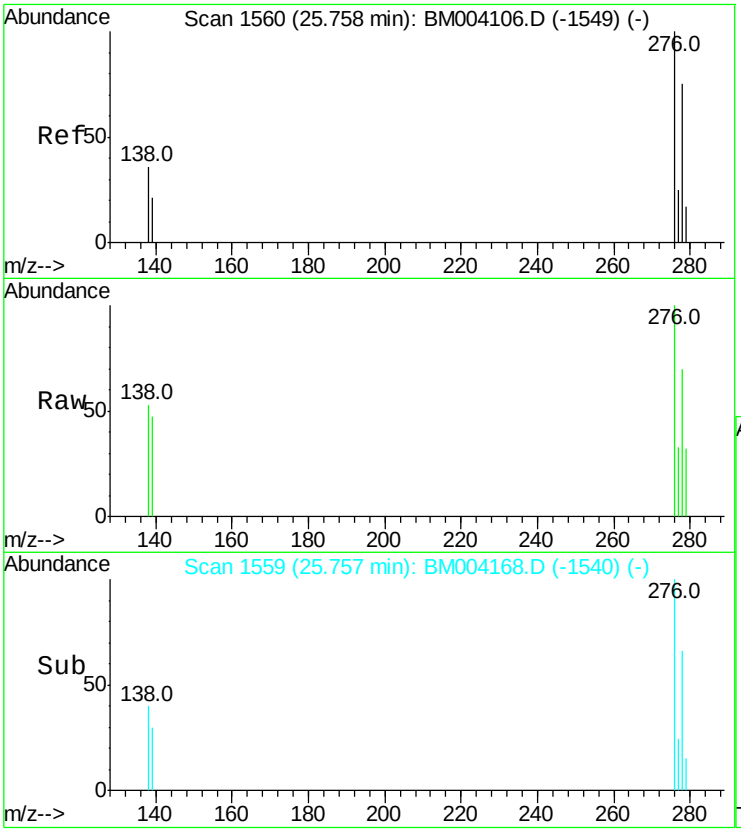


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.58 ng
RT: 21.19 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:149 Resp: 8471

Ion	Ratio	Lower	Upper
149	100		
167	27.7	20.1	30.1
279	2.7	1.8	2.6#



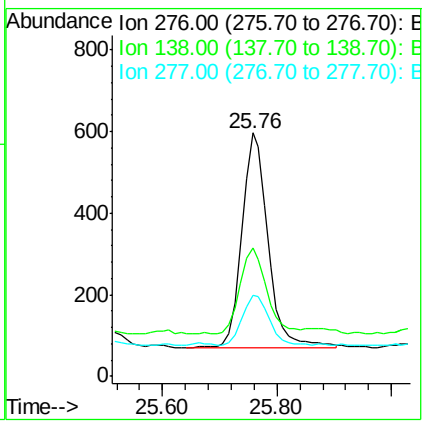


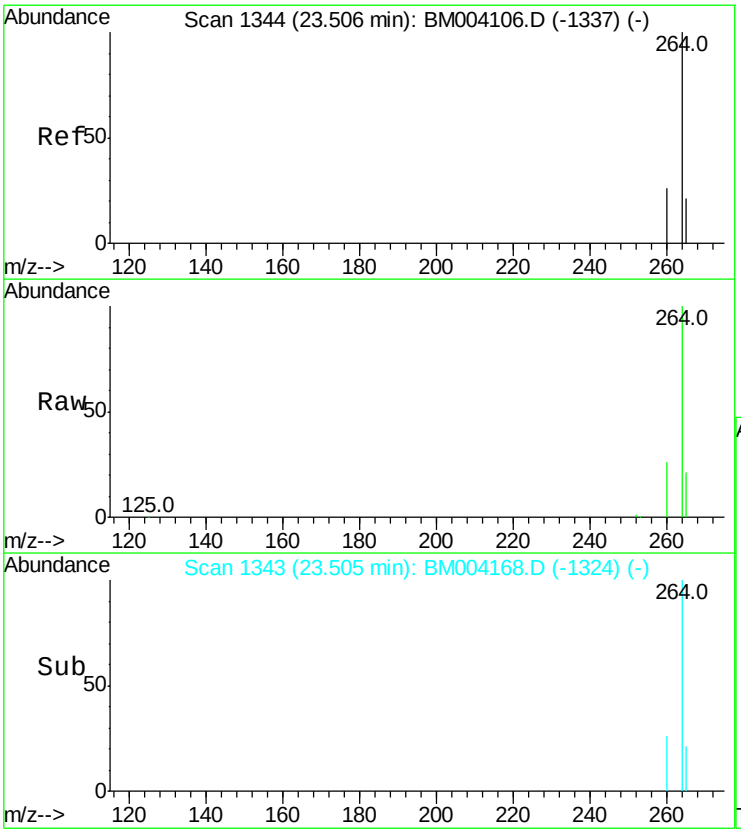
#34
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.76 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:276 Resp: 1669

Ion	Ratio	Lower	Upper
276	100		
138	41.5	30.2	45.2
277	23.1	19.8	29.8

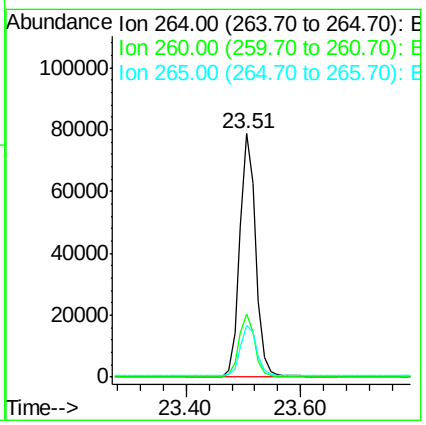


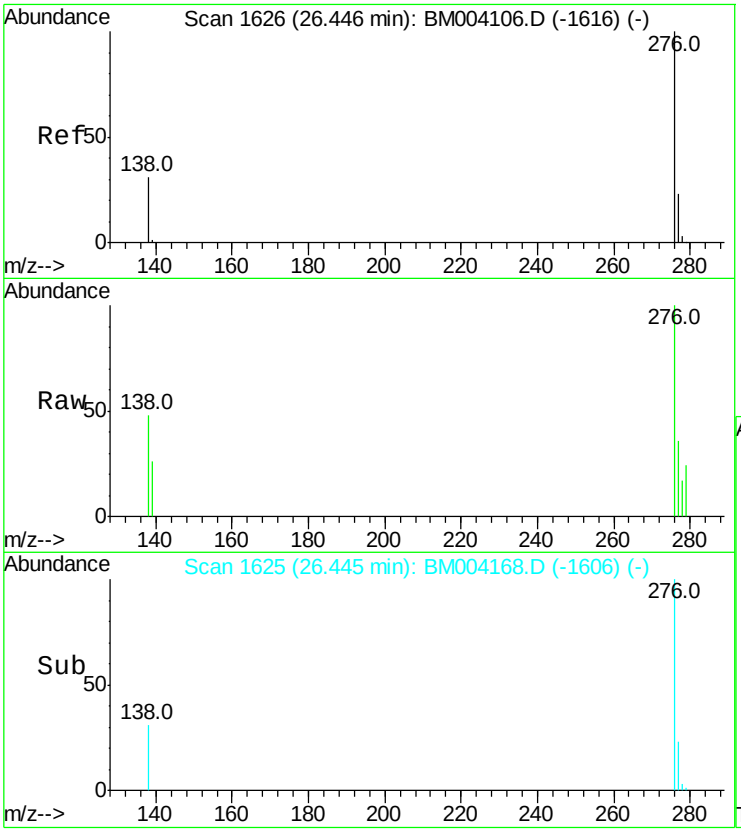


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.51 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Tgt Ion:264 Resp: 151497

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.2	31.8
265	21.4	16.7	25.1





#40
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 26.44 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BM004168.D
Acq: 02 Feb 2016 17:46

Instrument :
BNA_M
ClientSampleId :
WELDON-WC-SC-018

Tgt Ion:276 Resp: 1432

Ion	Ratio	Lower	Upper
276	100		
277	35.6	19.1	28.7#
138	47.8	25.0	37.4#