Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004469.D
Acq On : 29 Feb 2016 03:50
Operator : SJ/UM
Sample : H1509-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-5

Quant Time: Feb 29 07:13:07 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 05:57:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12861	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	45108	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	32219	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	38765	5.00	ng	0.00
19) Chrysene-d12	21.24	240	54393	5.00	ng	0.00
28) Perylene-d12	23.46	264	43832	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	6088	2.15	ng	0.00
5) Phenol-d6	6.83	99	3824	1.19	ng	0.00
8) Nitrobenzene-d5	8.79	82	8699	3.49	ng	0.00
13) 2,4,6-Tribromophenol	15.78	330	11911	7.25	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	36414	3.71	ng	0.00
22) Terphenyl-d14	19.67	244	32374	4.67	ng	-0.02
Target Compounds						Qvalue
18) Fluoranthene	19.10	202	691	0.04	ng	# 95
21) Pyrene	19.46	202	1144	0.07	ng	# 86

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

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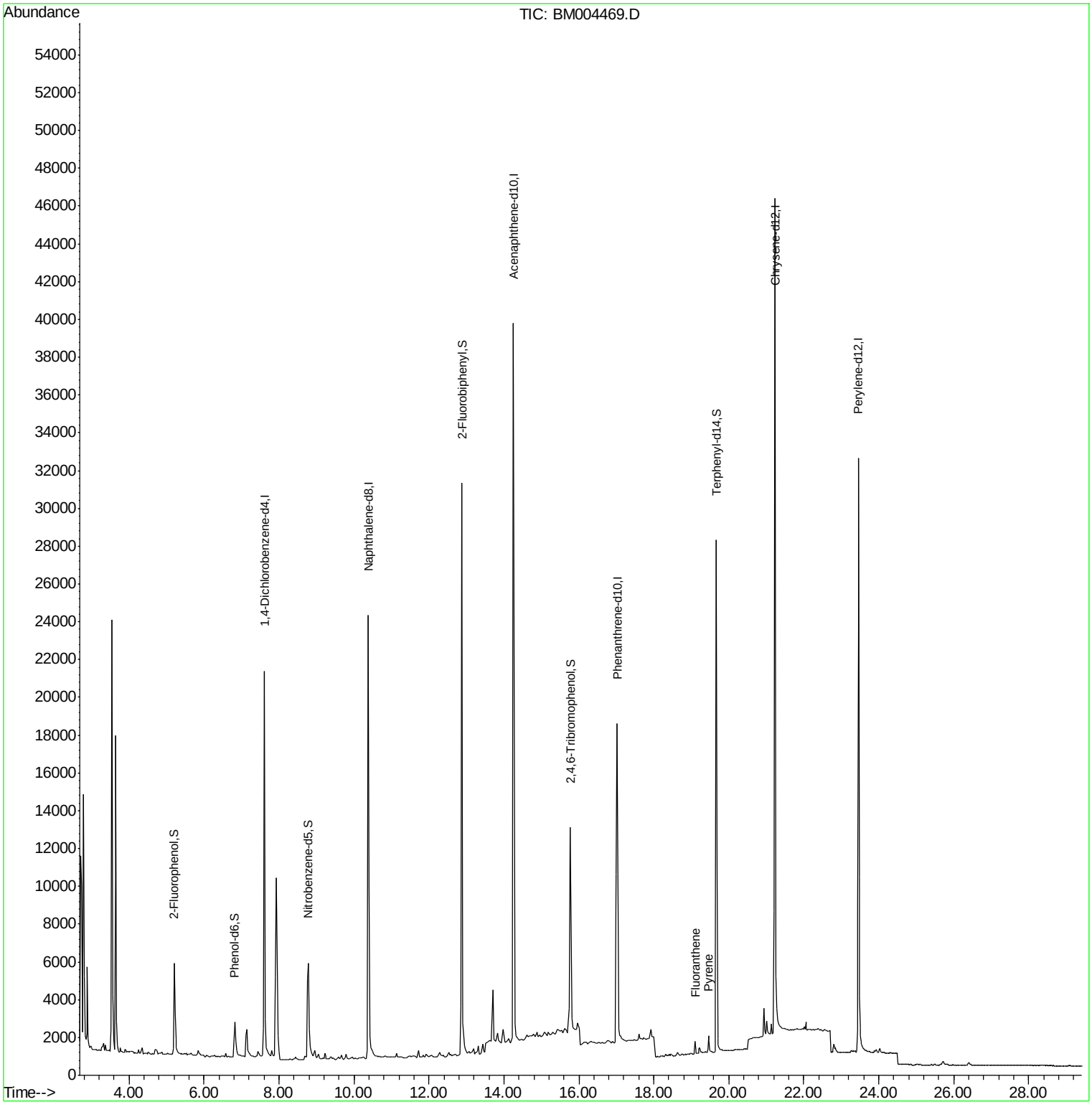
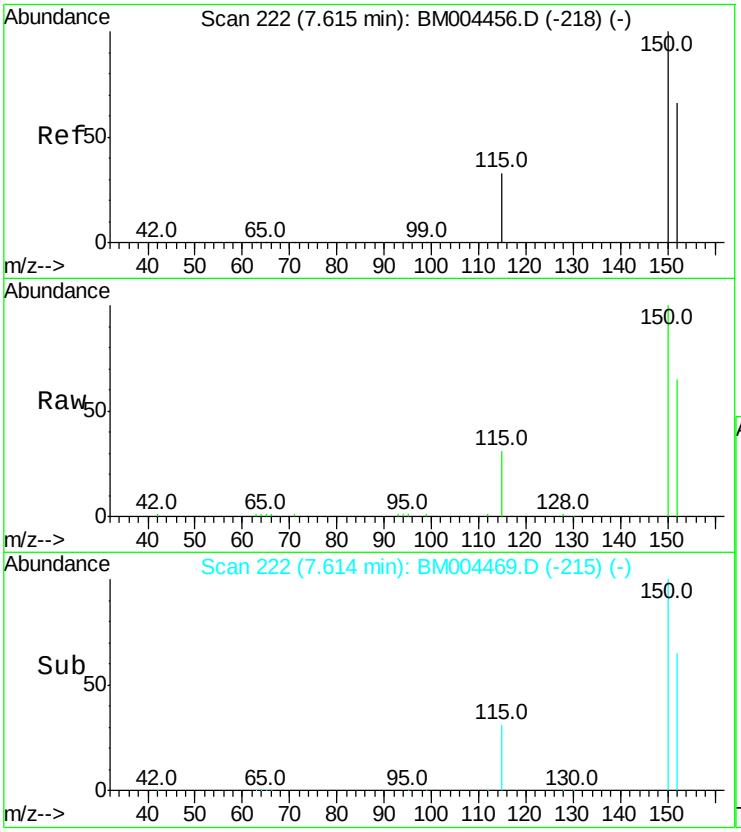


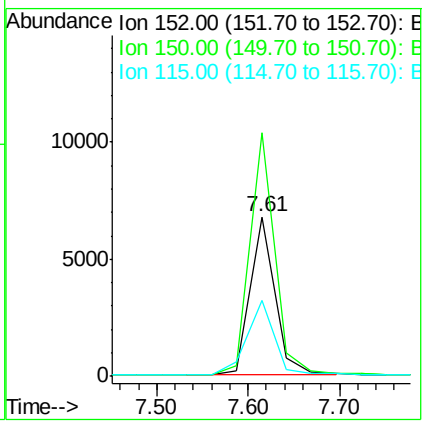


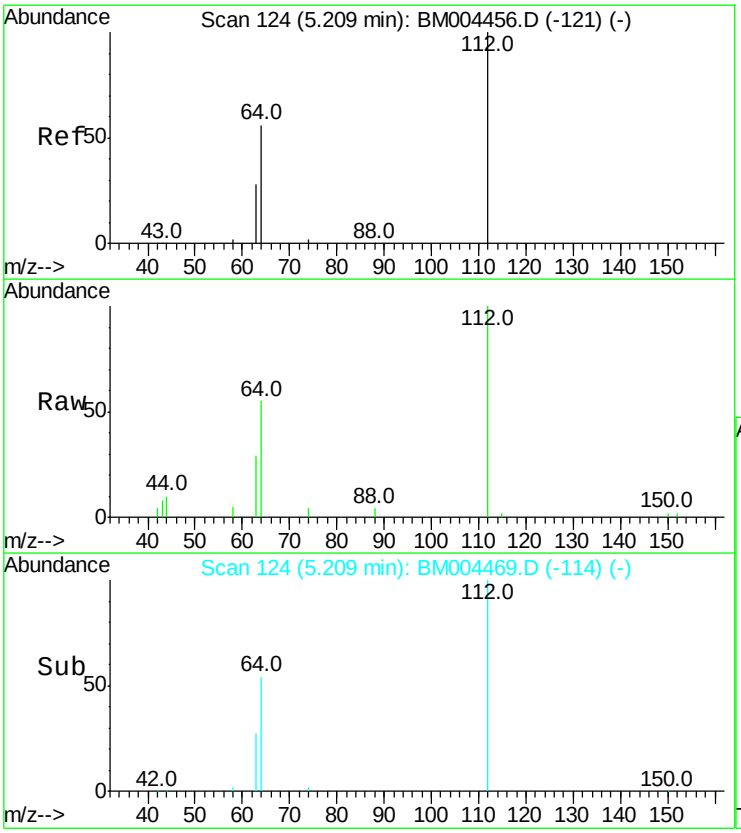
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:152 Resp: 12861

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.9	185.9
115	47.7	40.6	61.0

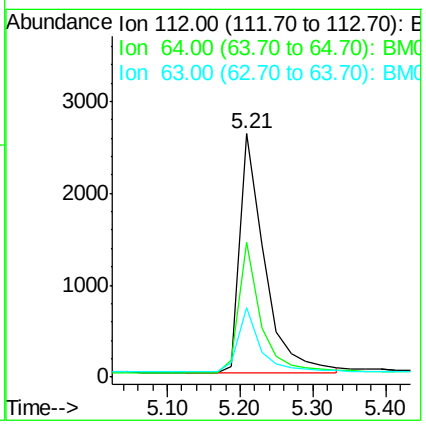


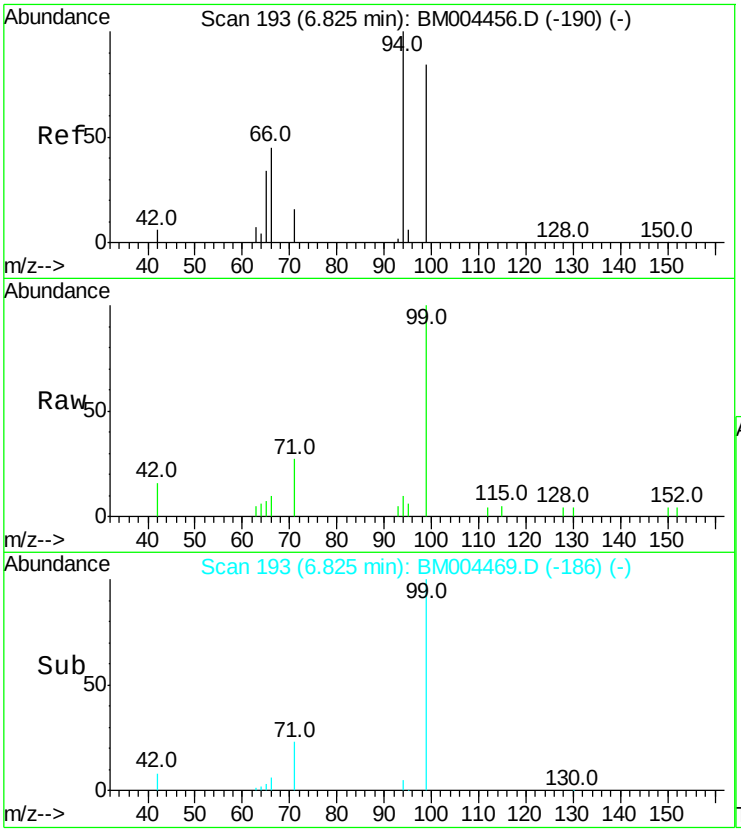


#4
2-Fluorophenol
Concen: 2.15 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Tgt Ion:112 Resp: 6088

Ion	Ratio	Lower	Upper
112	100		
64	48.6	39.4	59.2
63	24.6	19.9	29.9



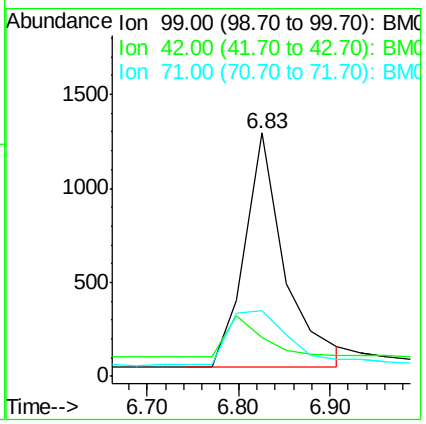


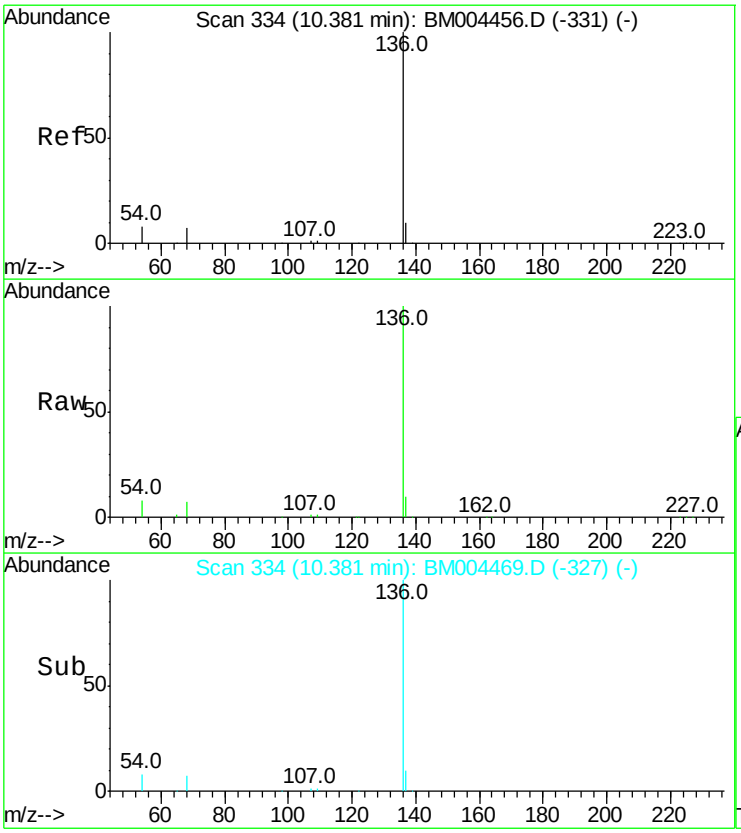
#5
Phenol-d6
Concen: 1.19 ng
RT: 6.83 min Scan# 193
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion: 99 Resp: 3824

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	34.9	0.0	0.0#

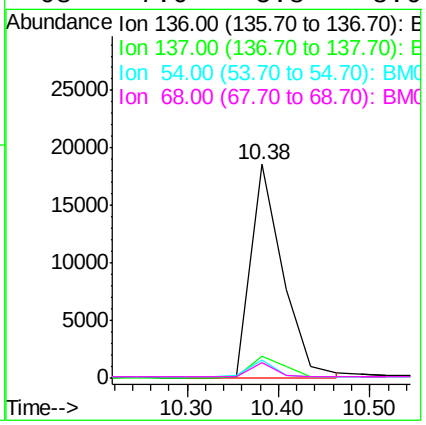


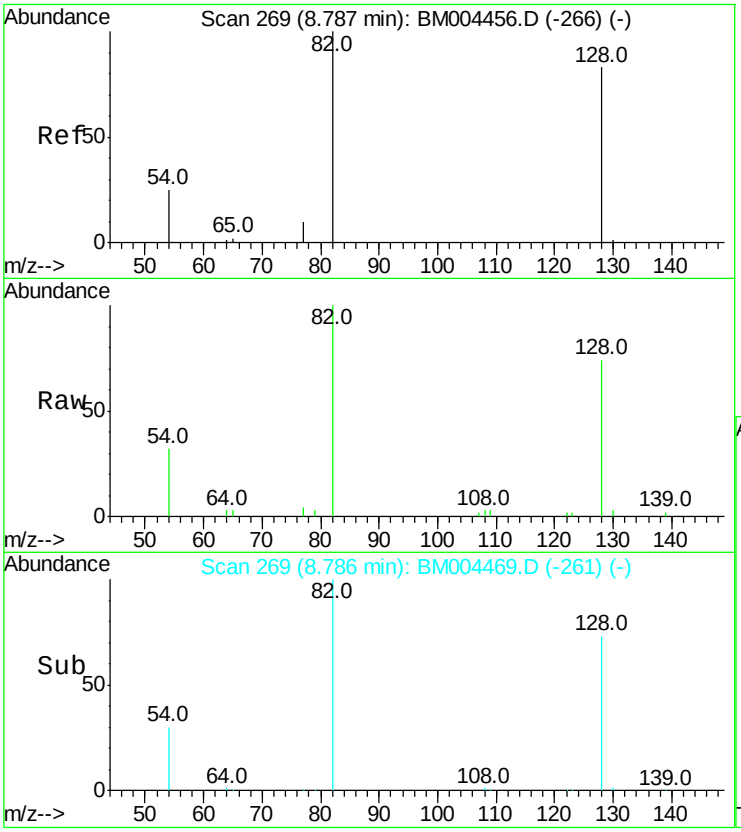


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.38 min Scan# 334
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Tgt Ion:136 Resp: 45108

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.0	12.0
54	8.4	7.0	10.6
68	7.0	5.8	8.6



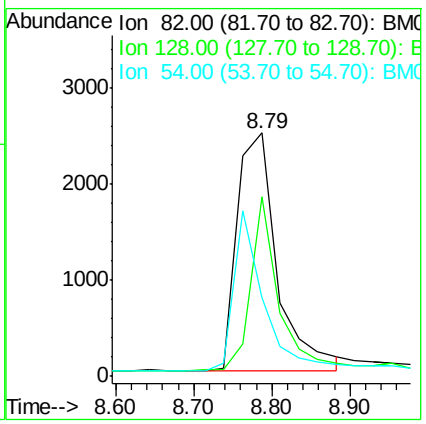


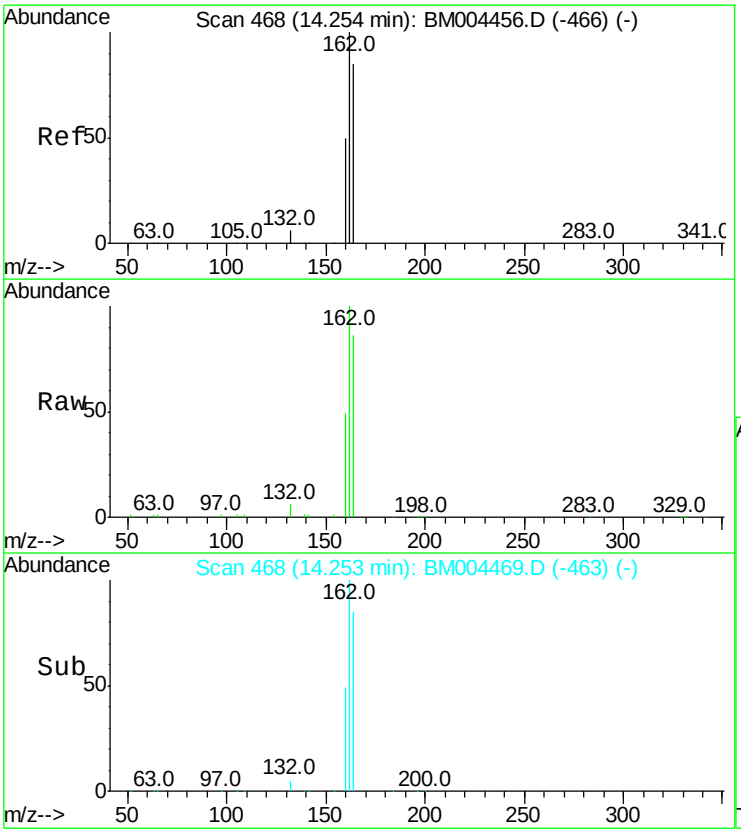
#8
Nitrobenzene-d5
Concen: 3.49 ng
RT: 8.79 min Scan# 269
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion: 82 Resp: 8699

Ion	Ratio	Lower	Upper
82	100		
128	73.7	67.0	100.6
54	32.1	25.2	37.8

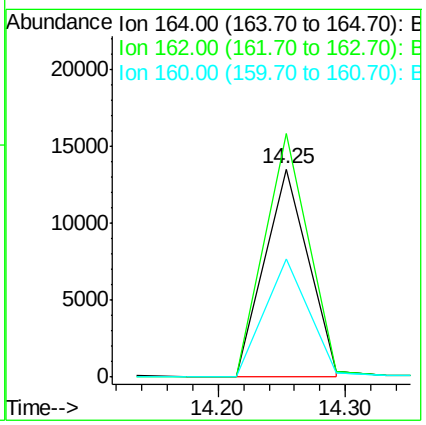


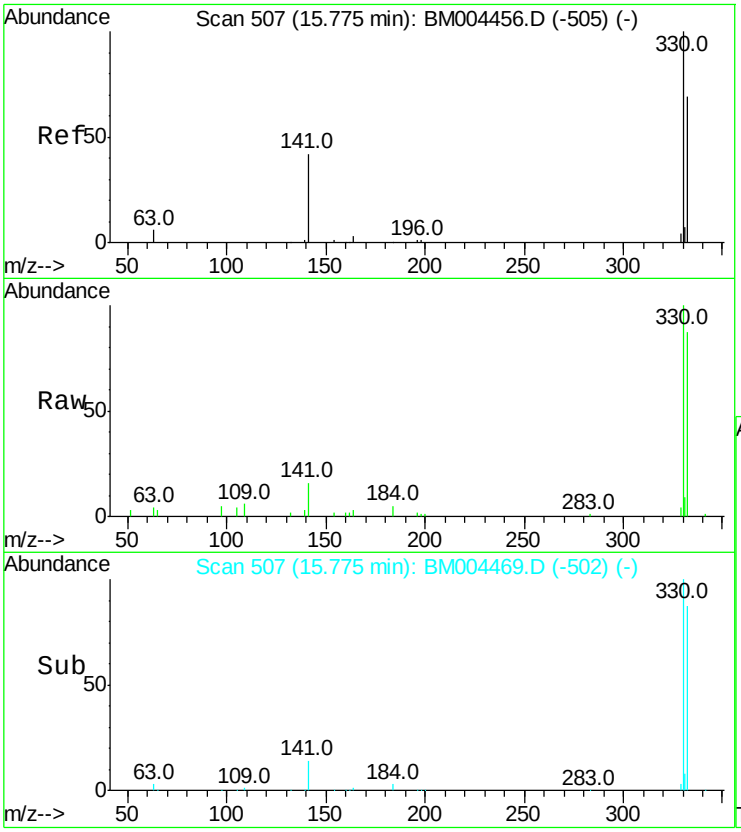


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 468
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Tgt Ion:164 Resp: 32219

Ion	Ratio	Lower	Upper
164	100		
162	116.8	94.6	141.8
160	57.0	47.0	70.4



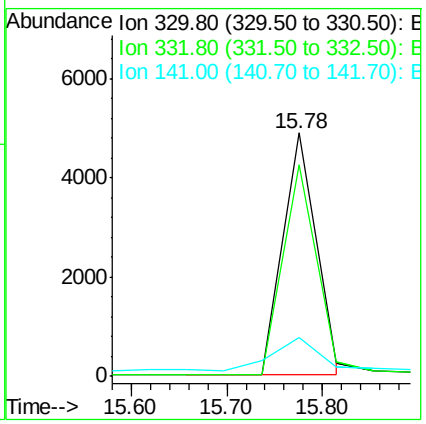


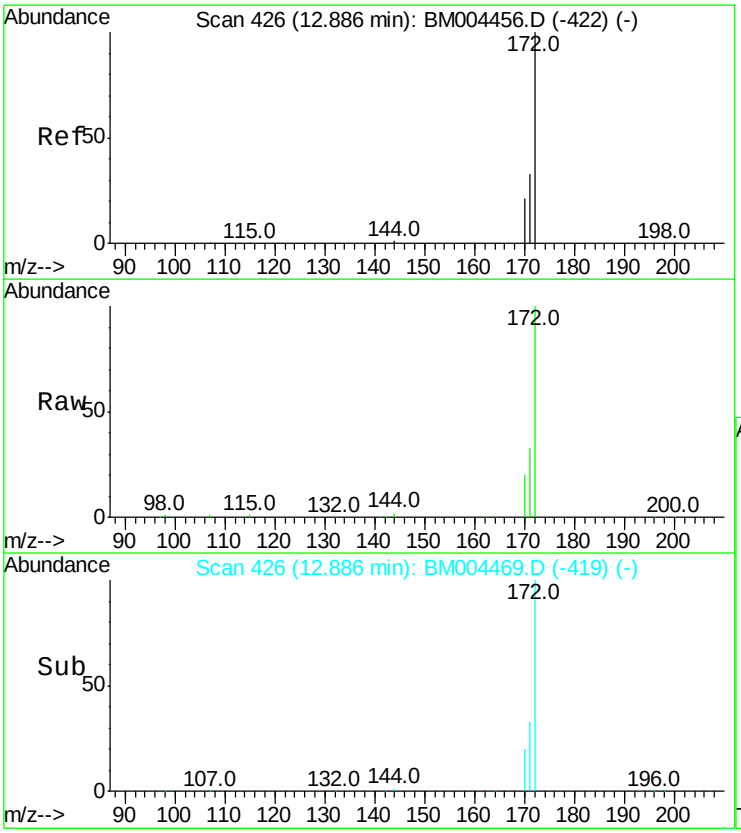
#13
2,4,6-Tribromophenol
Concen: 7.25 ng
RT: 15.78 min Scan# 507
Delta R.T. 0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:330 Resp: 11911

Ion	Ratio	Lower	Upper
330	100		
332	88.2	59.2	88.8
141	18.7	33.0	49.4#

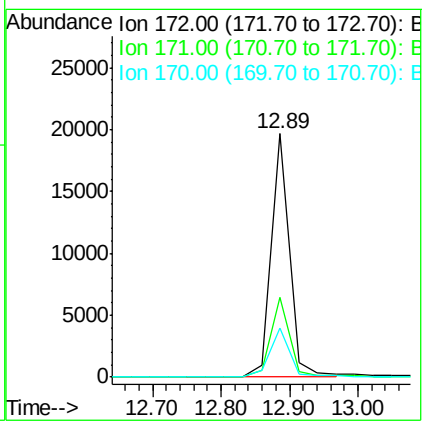


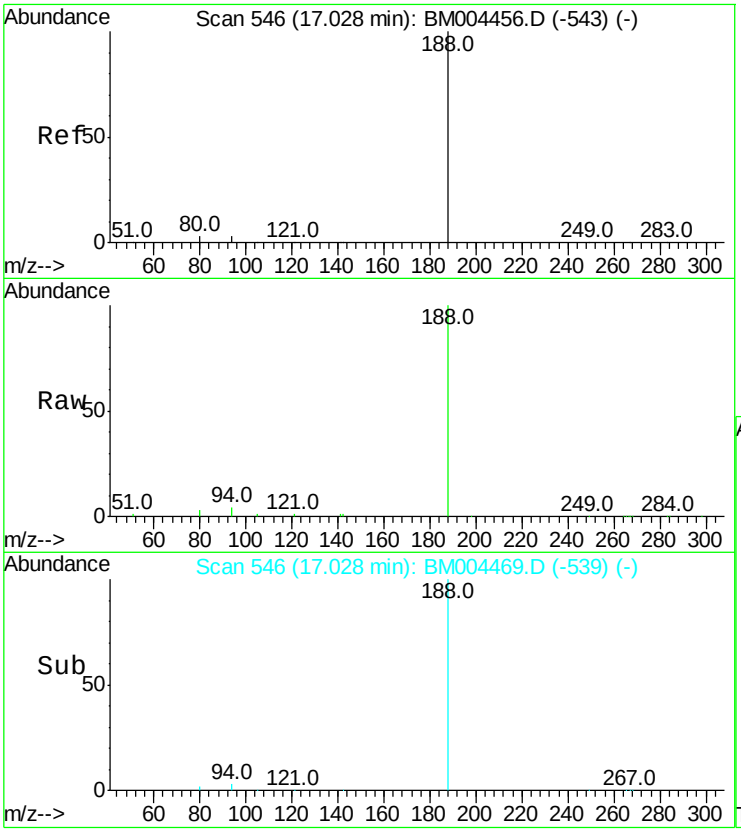


#14
2-Fluorobiphenyl
Concen: 3.71 ng
RT: 12.89 min Scan# 426
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Tgt Ion:172 Resp: 36414

Ion	Ratio	Lower	Upper
172	100		
171	32.8	27.2	40.8
170	20.0	17.4	26.0



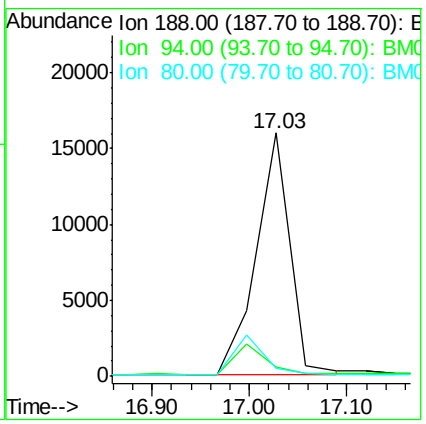


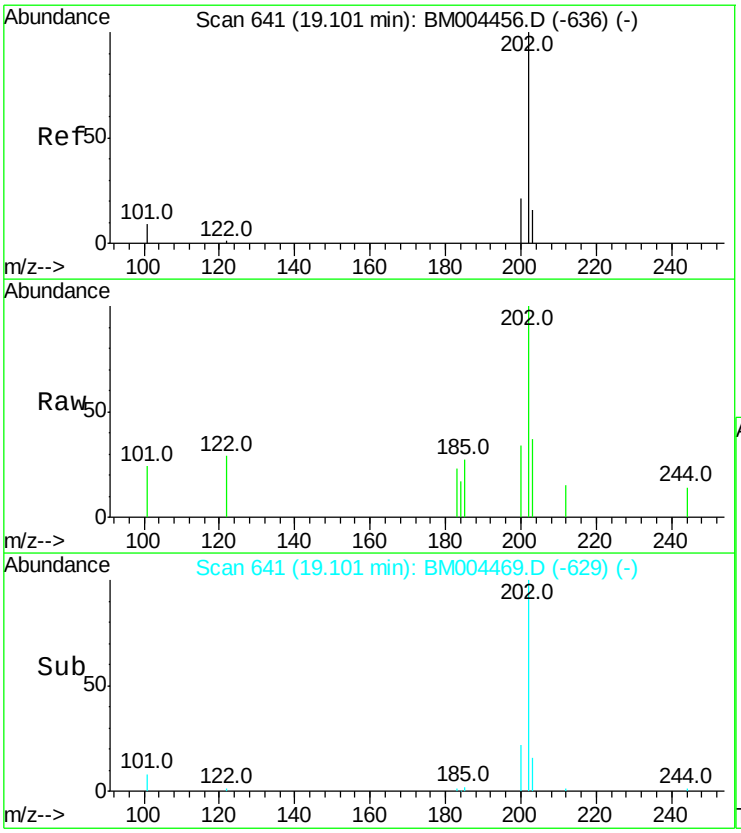
#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:188 Resp: 38765

Ion	Ratio	Lower	Upper
188	100		
94	3.8	2.7	4.1
80	3.1	2.2	3.4

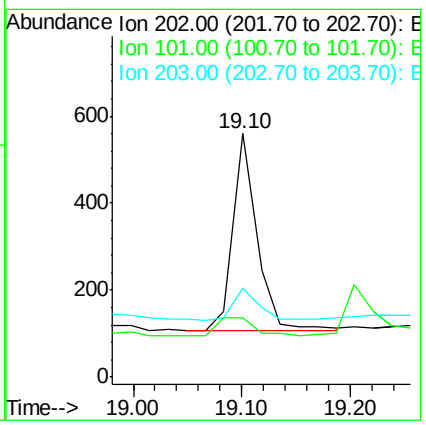


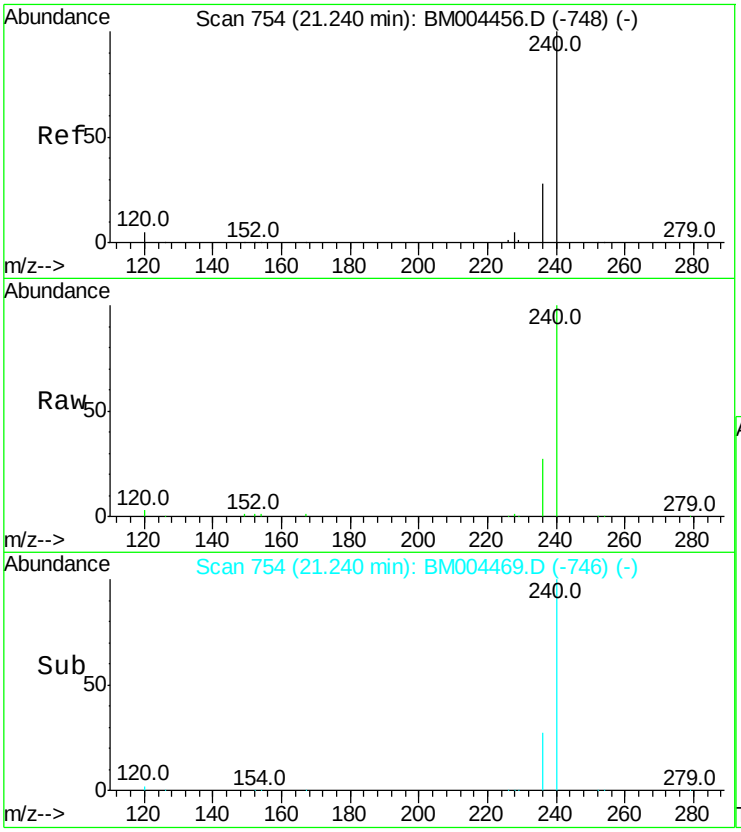


#18
Fluoranthene
Concen: 0.04 ng
RT: 19.10 min Scan# 641
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Tgt Ion:202 Resp: 691

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.4	14.0#
203	18.5	13.9	20.9



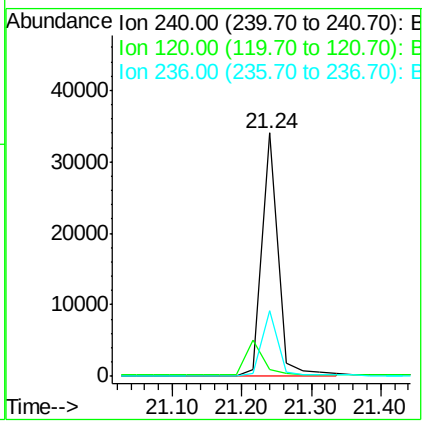


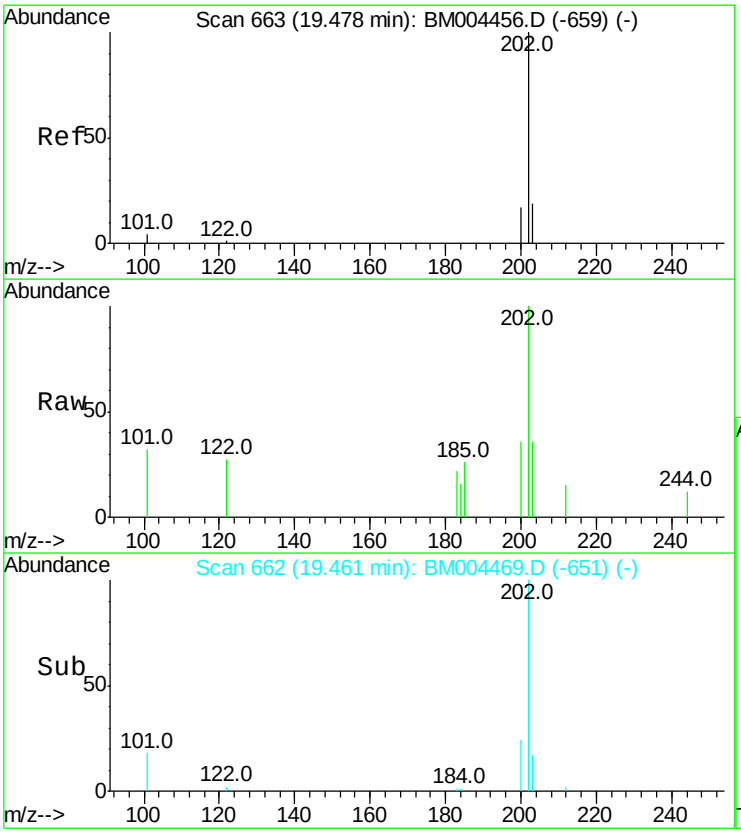
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:240 Resp: 54393

Ion	Ratio	Lower	Upper
240	100		
120	3.0	4.0	6.0#
236	26.9	22.7	34.1

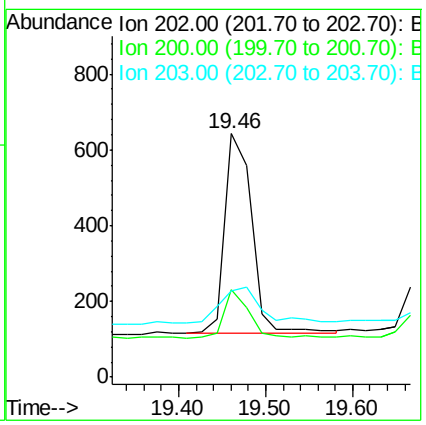


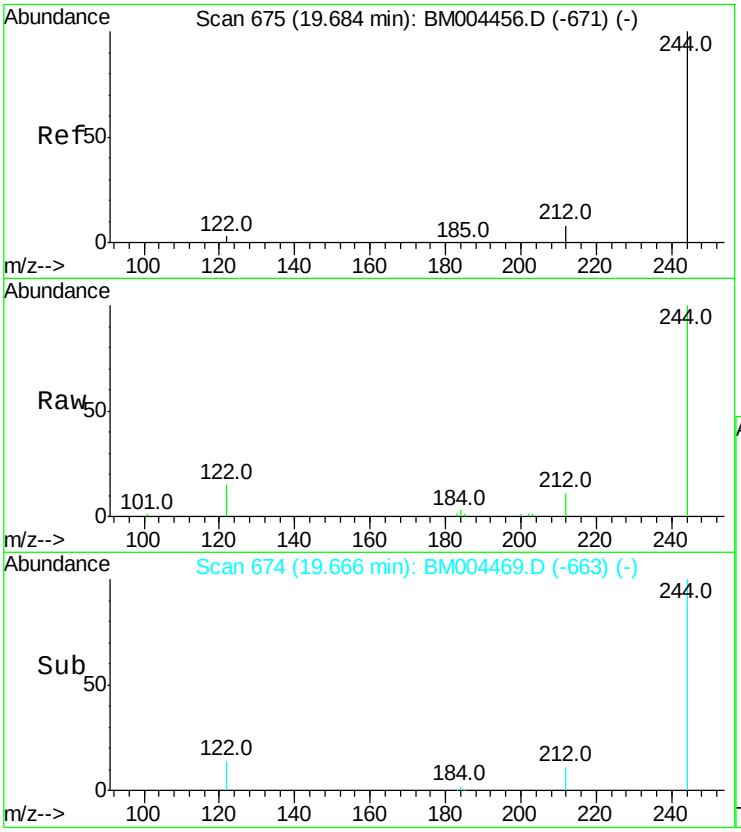


#21
Pyrene
Concen: 0.07 ng
RT: 19.46 min Scan# 662
Delta R.T. -0.02 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Tgt Ion:202 Resp: 1144

Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.6	24.8
203	27.8	13.9	20.9#



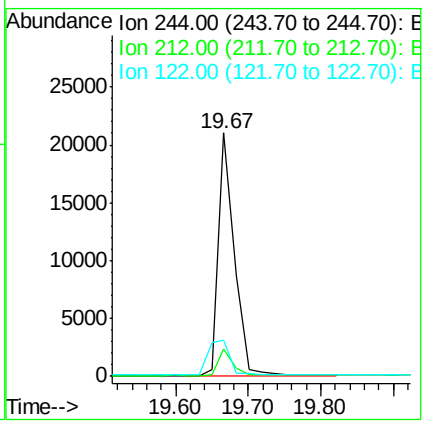


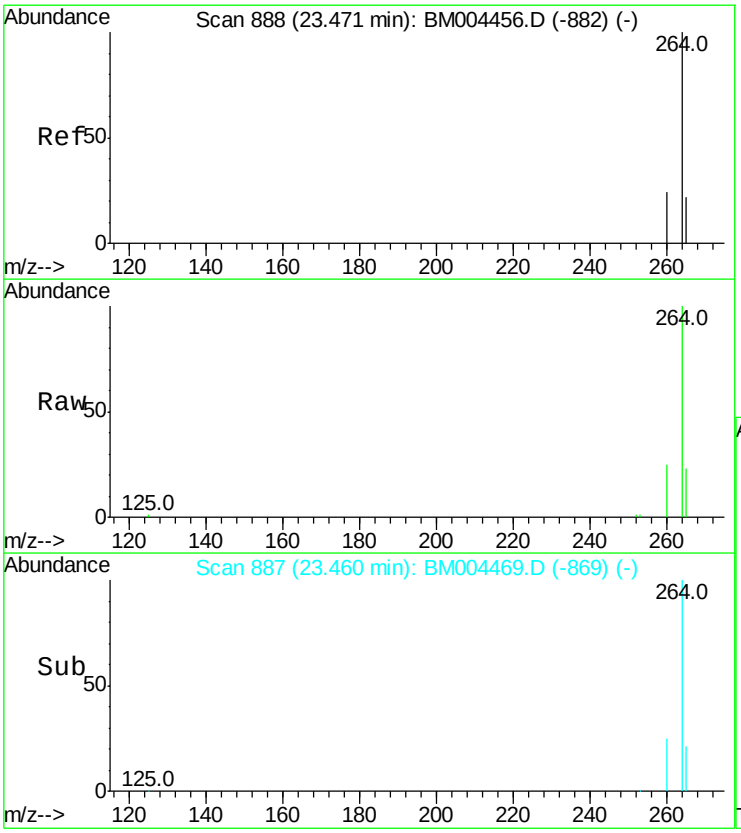
#22
Terphenyl-d14
Concen: 4.67 ng
RT: 19.67 min Scan# 674
Delta R.T. -0.02 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Instrument :
BNA_M
ClientSampleId :
MW-5

Tgt Ion:244 Resp: 32374

Ion	Ratio	Lower	Upper
244	100		
212	11.1	7.4	11.2
122	15.1	4.2	6.2#





#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004469.D
Acq: 29 Feb 2016 03:50

Tgt Ion:264 Resp: 43832

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	23.1	18.9	28.3