Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120215\
Data File : BM003365.D
Acq On : 02 Dec 2015 20:35
Operator : UM/IZ
Sample : PB85645BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB85645BL

Quant Time: Dec 03 00:19:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:19:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	52685	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	208829	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	107846	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	238688	5.00	ng	0.00
26) Chrysene-d12	21.33	240	142747	5.00	ng	0.00
35) Perylene-d12	23.58	264	133473	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	72540	6.90	ng	0.00
5) Phenol-d6	6.88	99	89969	6.96	ng	0.00
8) Nitrobenzene-d5	8.88	82	33427	3.43	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	12834	4.67	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	125286	3.86	ng	0.00
29) Terphenyl-d14	19.76	244	94686	4.09	ng	0.00
Target Compounds						Qvalue
21) Hexachlorobenzene	16.42	284	5	Below Cal	#	51
22) Pentachlorophenol	16.78	266	69	0.34	ng	# 70
27) Benzidine	19.76	184	2019	0.48	ng	# 80
31) 3,3'-Dichlorobenzidine	21.25	252	162	0.10	ng	# 79
33) Bis(2-ethylhexyl)phthalate	21.23	149	384	0.26	ng	# 73

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120215\
Data File : BM003365.D
Acq On : 02 Dec 2015 20:35
Operator : UM/IZ
Sample : PB85645BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
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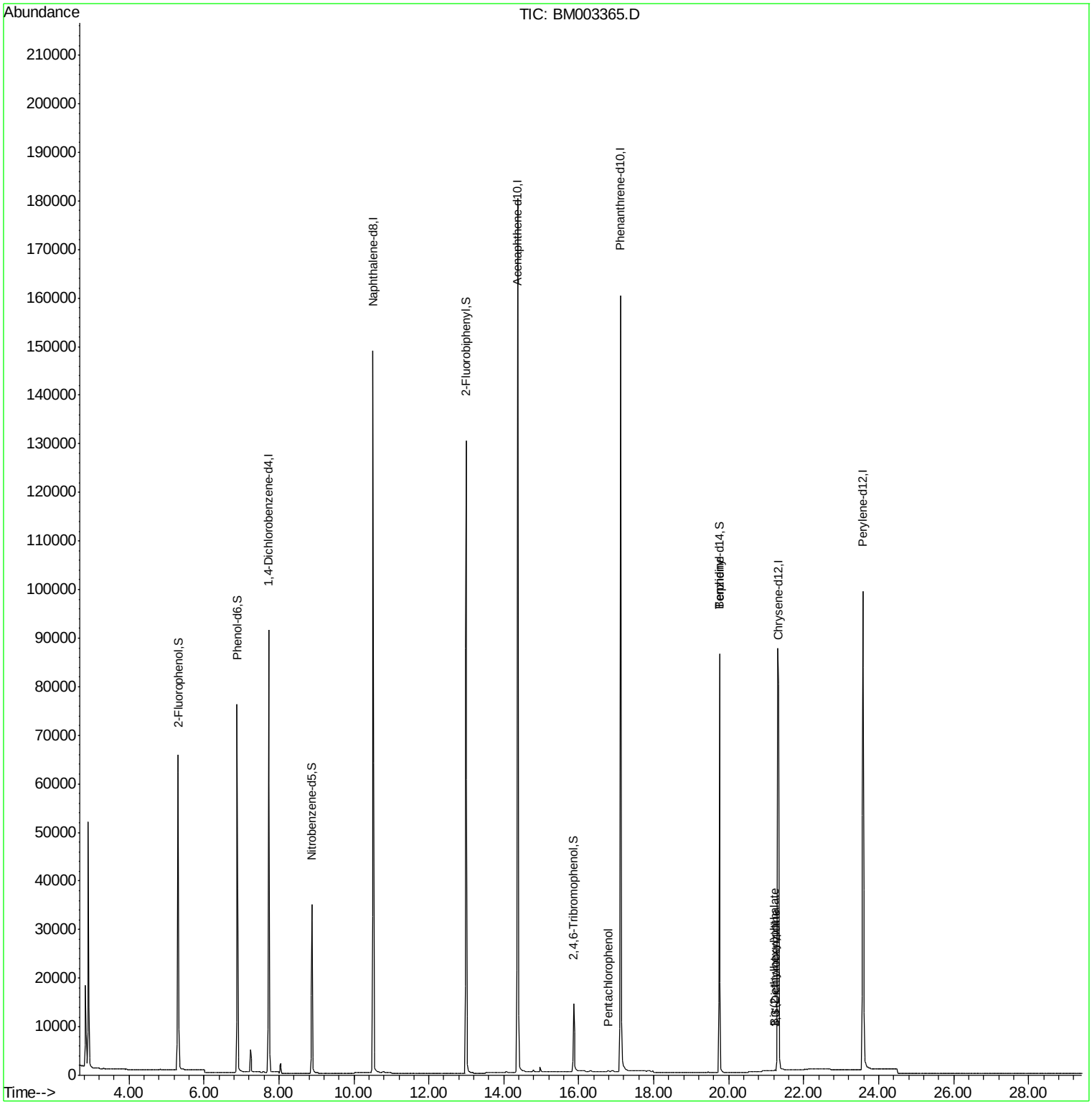
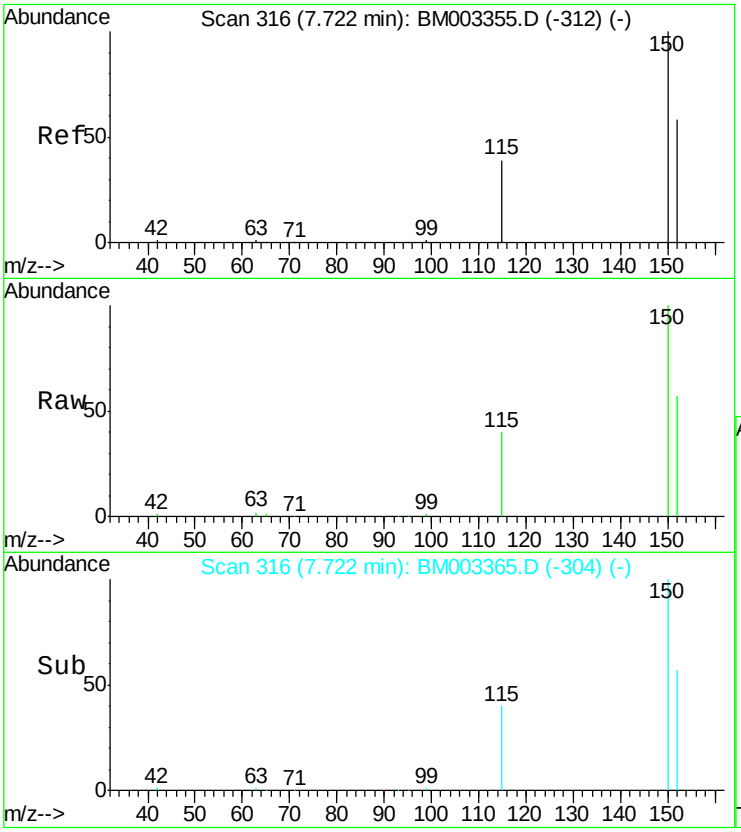
Quant Time: Dec 03 00:19:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 16:19:00 2015
Response via : Initial Calibration



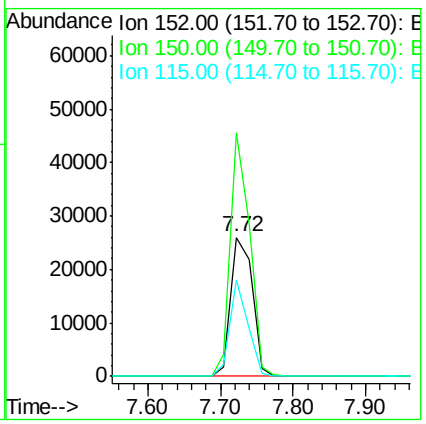


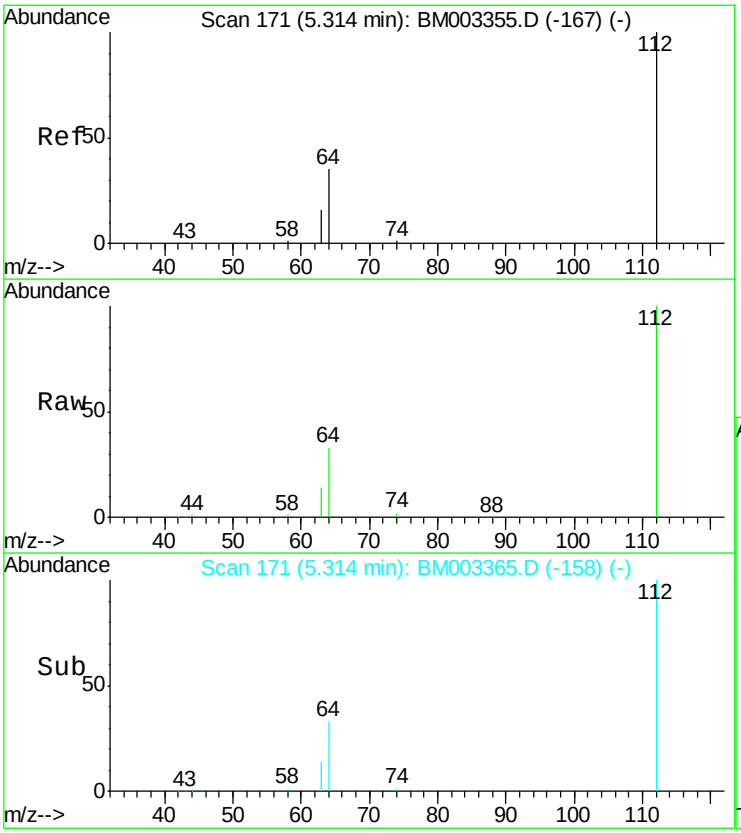
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:152 Resp: 52685

Ion	Ratio	Lower	Upper
152	100		
150	175.5	143.6	215.4
115	69.8	58.5	87.7

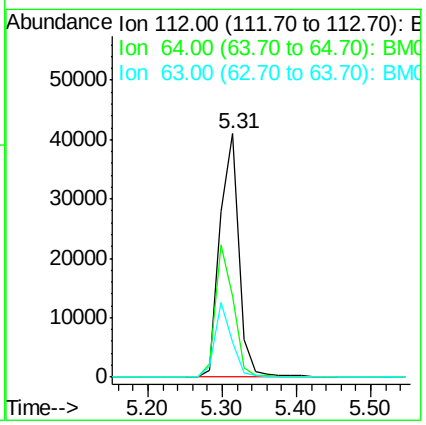


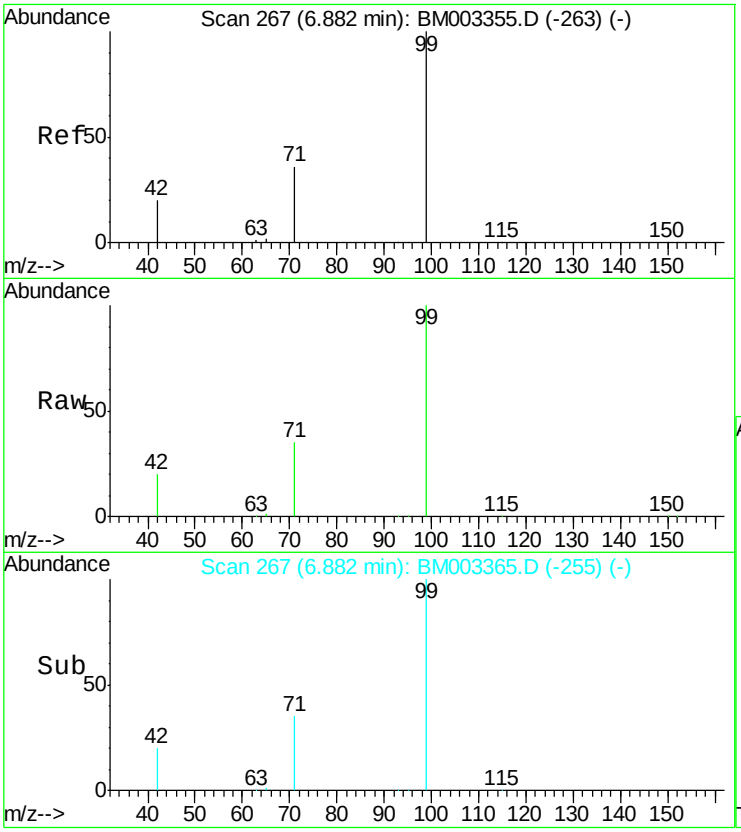


#4
2-Fluorophenol
Concen: 6.90 ng
RT: 5.31 min Scan# 171
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:112 Resp: 72540

Ion	Ratio	Lower	Upper
112	100		
64	51.7	41.2	61.8
63	26.9	21.2	31.8



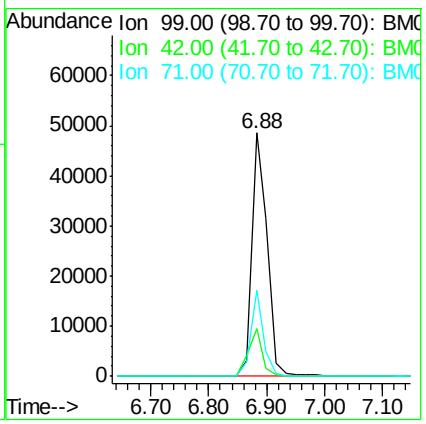


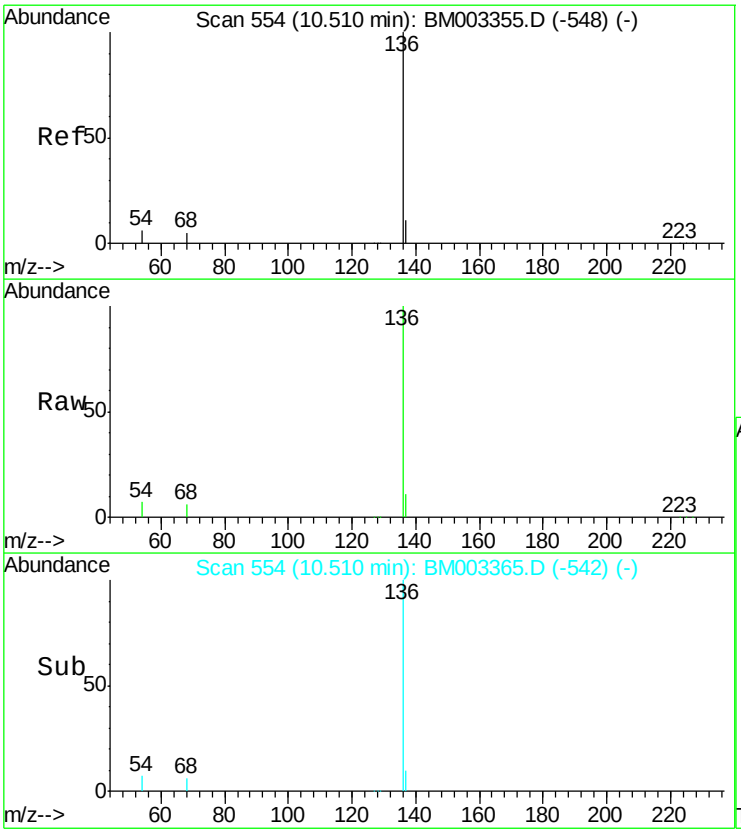
#5
Phenol-d6
Concen: 6.96 ng
RT: 6.88 min Scan# 267
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion: 99 Resp: 89969

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	22.0
71	29.5	23.3	34.9

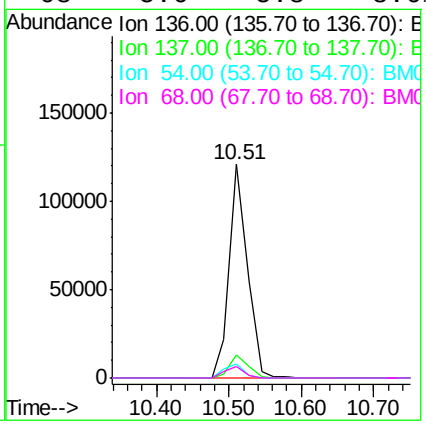


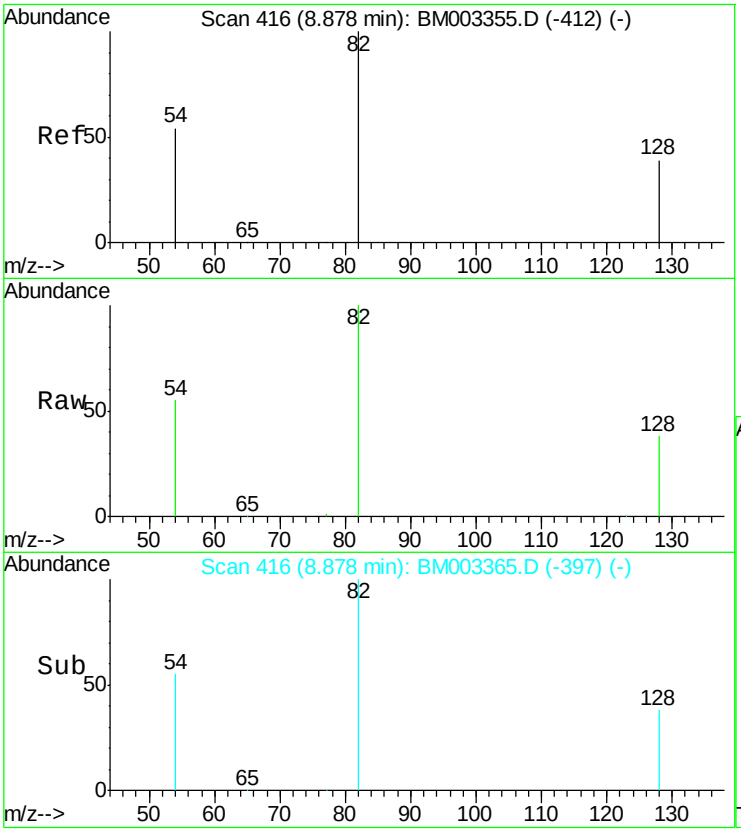


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 554
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:136 Resp: 208829

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.0	12.0
54	6.9	7.4	11.0#
68	5.6	5.8	8.6#



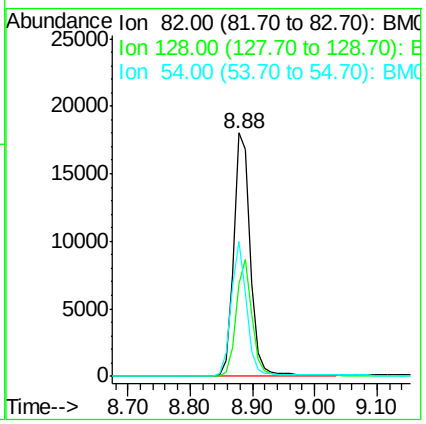


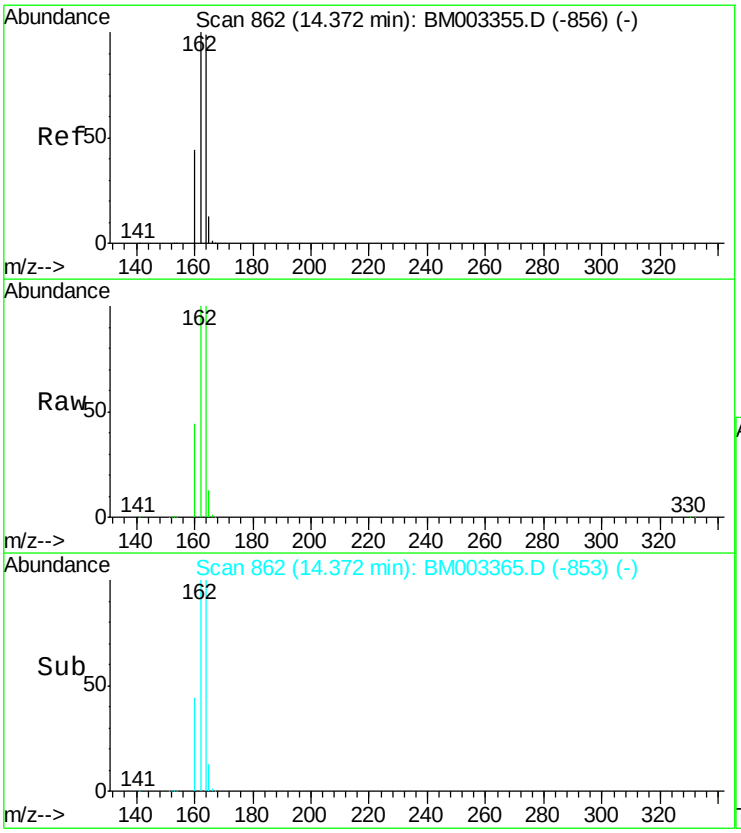
#8
Nitrobenzene-d5
Concen: 3.43 ng
RT: 8.88 min Scan# 416
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion: 82 Resp: 33427

Ion	Ratio	Lower	Upper
82	100		
128	37.8	35.2	52.8
54	55.5	36.4	54.6#

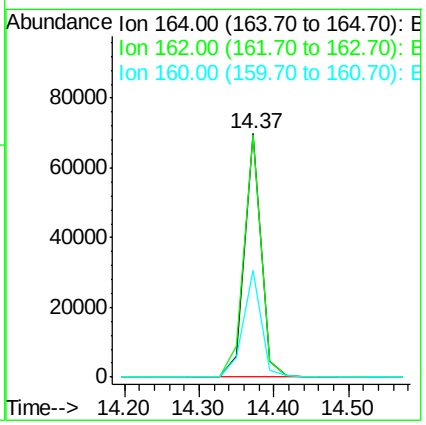


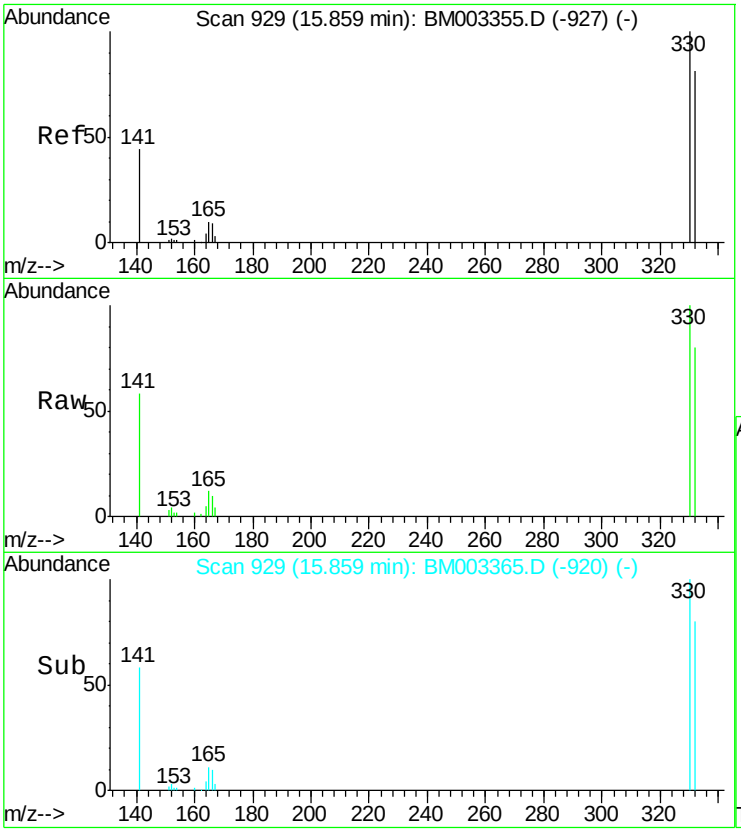


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.37 min Scan# 862
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:164 Resp: 107846

Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.3	117.5
160	43.9	33.8	50.6



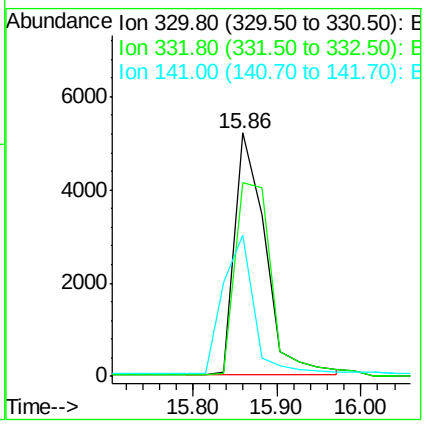


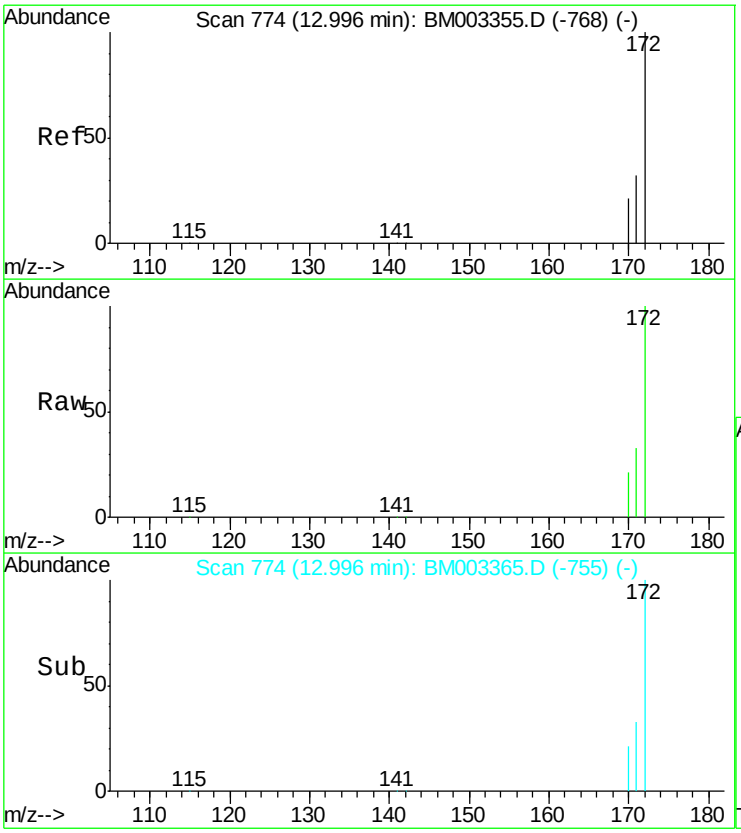
#14
2,4,6-Tribromophenol
Concen: 4.67 ng
RT: 15.86 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:330 Resp: 12834

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.0	114.0
141	58.9	0.0	0.0#

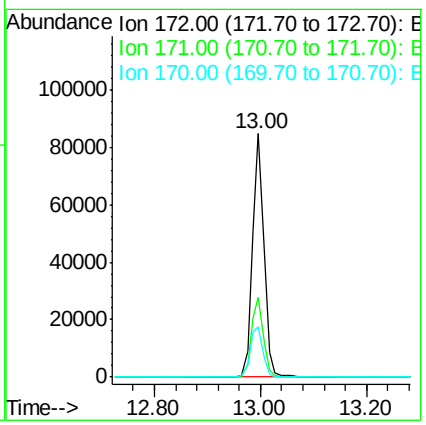


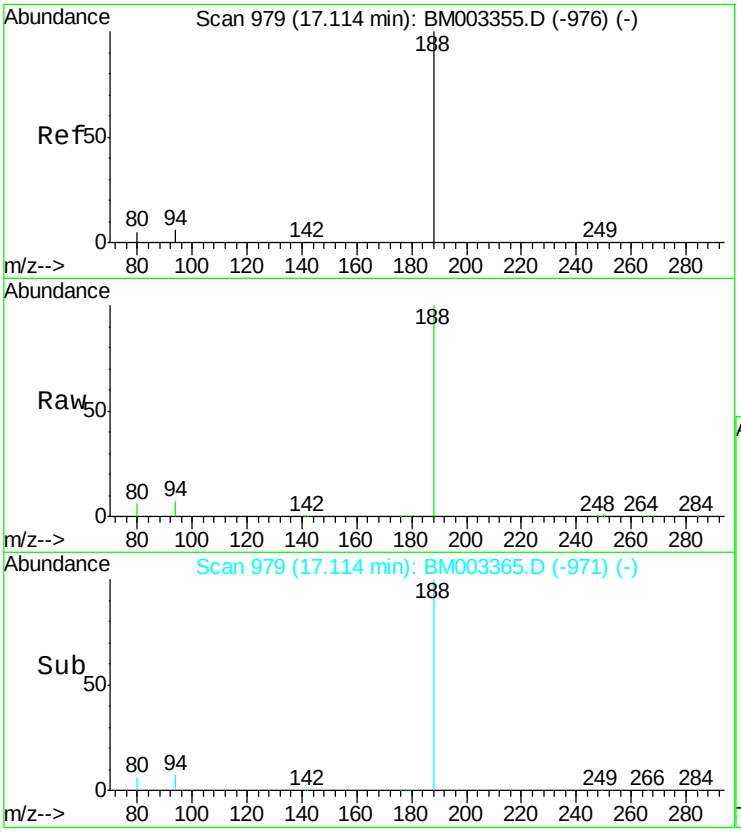


#15
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 13.00 min Scan# 774
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:172 Resp: 125286

Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.0	42.0
170	20.8	18.9	28.3



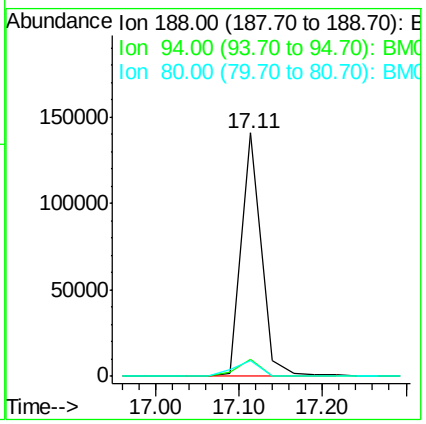


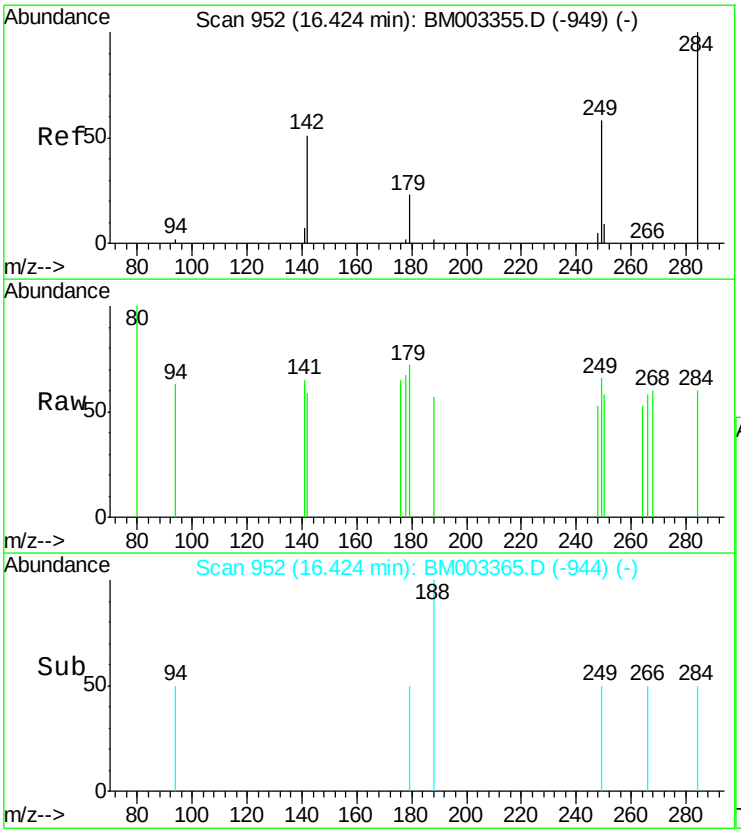
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.11 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:188 Resp: 238688

Ion	Ratio	Lower	Upper
188	100		
94	6.9	1.8	2.6#
80	6.2	1.4	2.0#

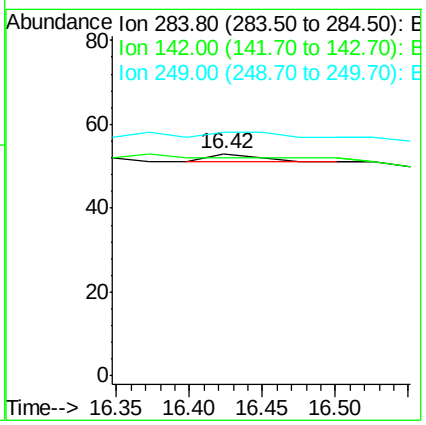


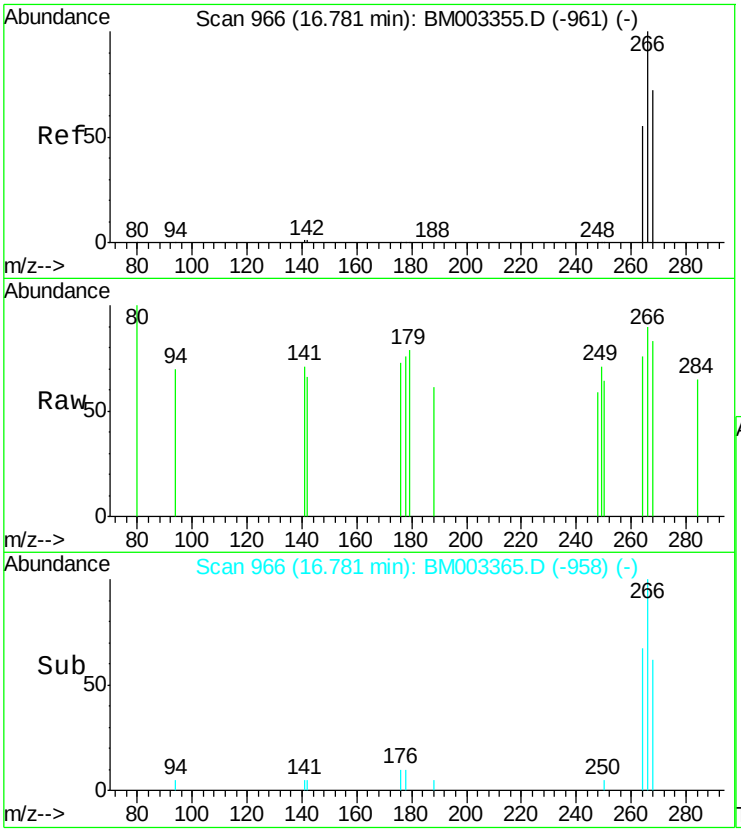


#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.42 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	19.4	29.2#



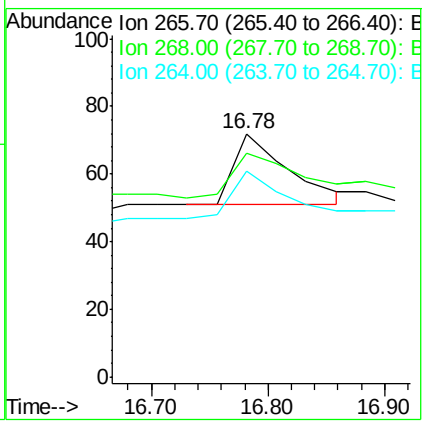


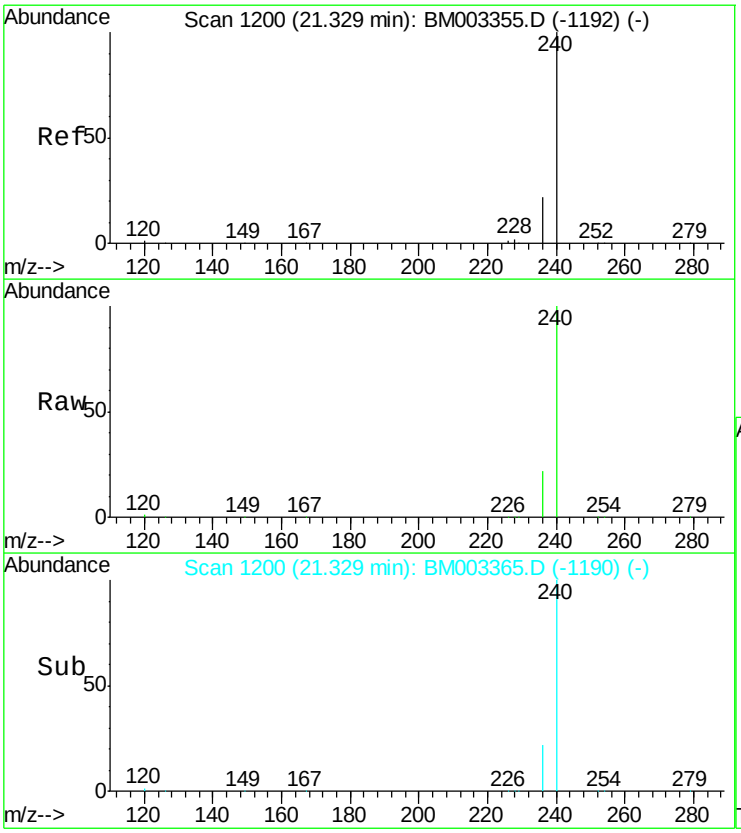
#22
Pentachlorophenol
Concen: 0.34 ng
RT: 16.78 min Scan# 966
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
268	91.7	45.8	68.8#
264	84.7	56.7	85.1

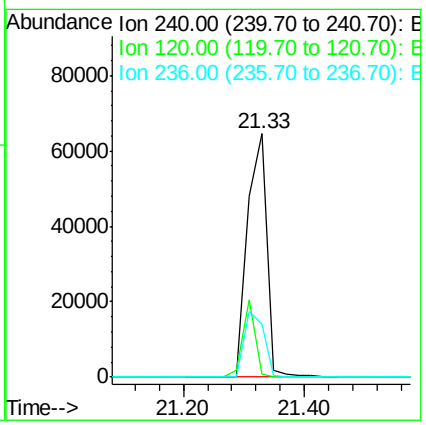


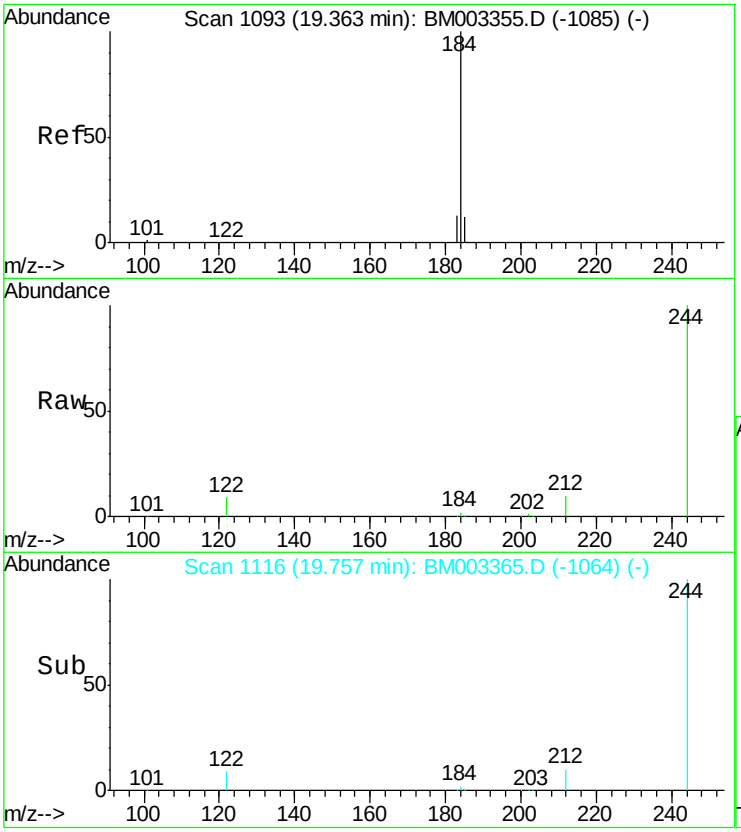


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.33 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:240 Resp: 142747

Ion	Ratio	Lower	Upper
240	100		
120	1.4	1.0	1.4
236	21.8	17.9	26.9



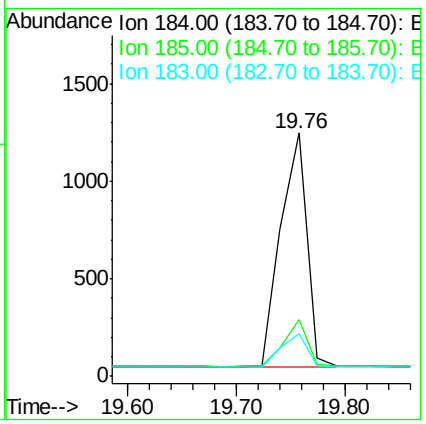


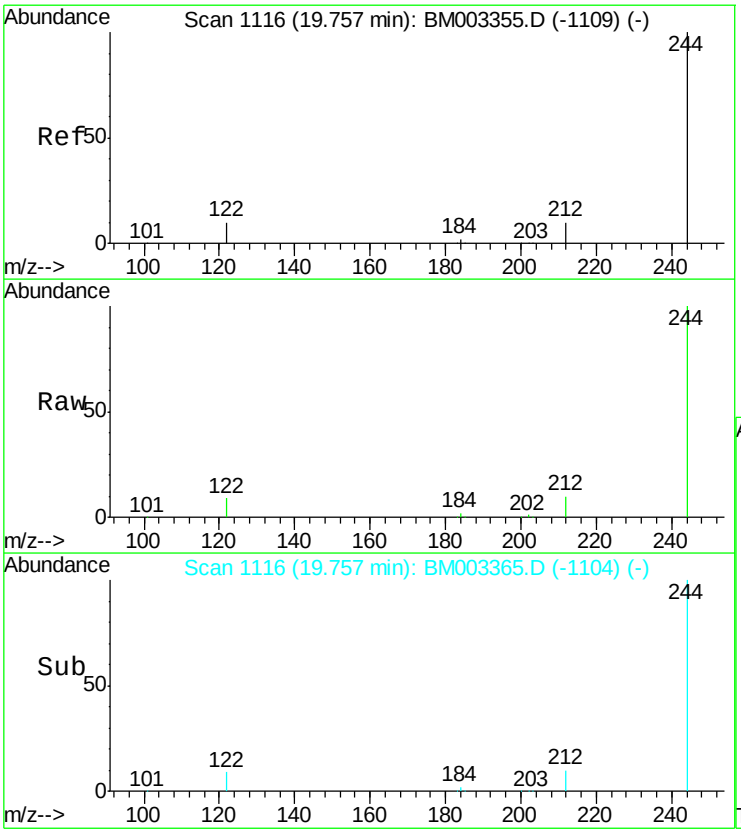
#27
Benzidine
Concen: 0.48 ng
RT: 19.76 min Scan# 1116
Delta R.T. 0.40 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:184 Resp: 2019

Ion	Ratio	Lower	Upper
184	100		
185	23.3	11.6	17.4#
183	17.6	8.6	13.0#

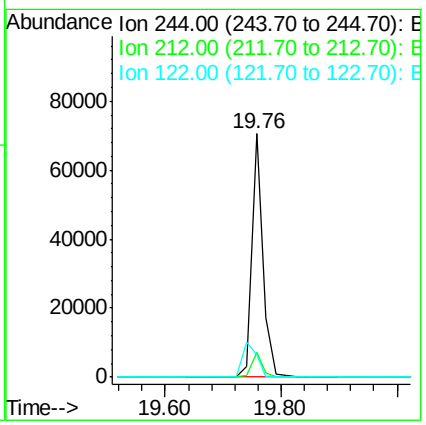


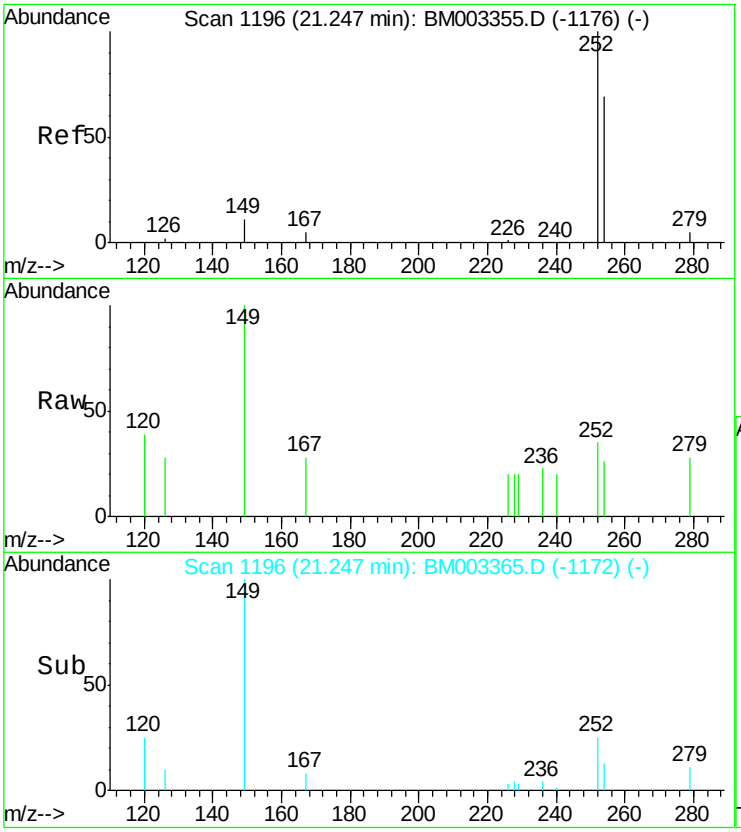


#29
Terphenyl-d14
Concen: 4.09 ng
RT: 19.76 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:244 Resp: 94686

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.5	9.7#
122	9.1	2.0	3.0#



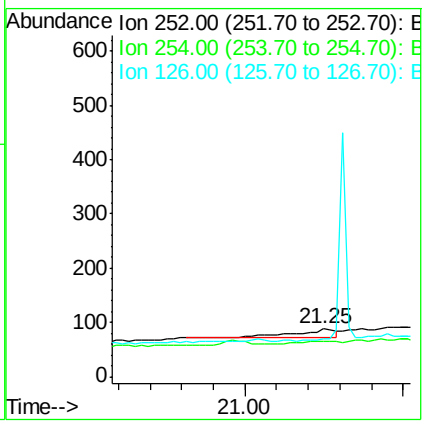


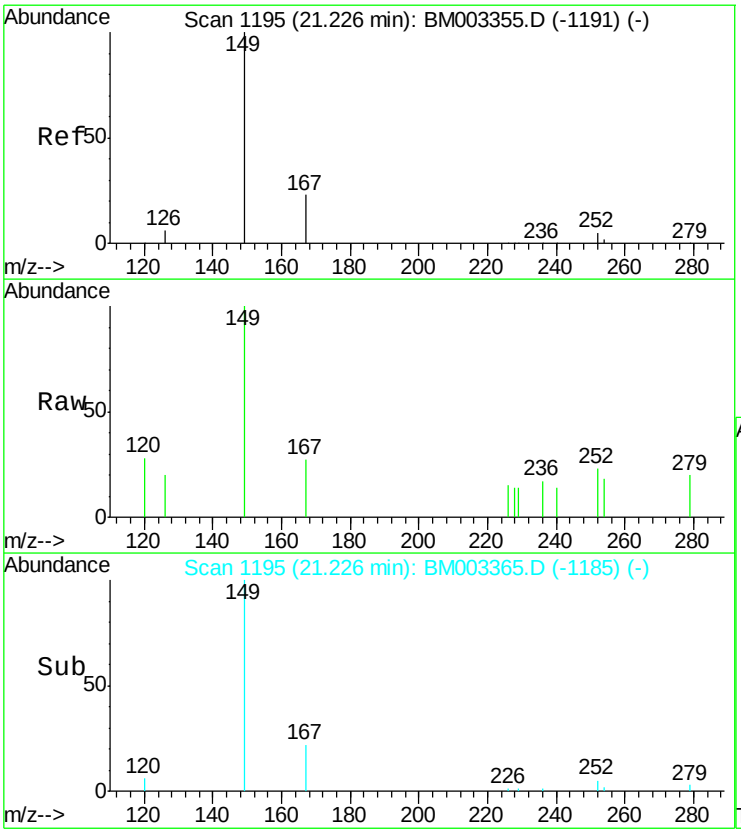
#31
3,3'-Dichlorobenzidine
Concen: 0.10 ng
RT: 21.25 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:252 Resp: 162

Ion	Ratio	Lower	Upper
252	100		
254	75.0	53.7	80.5
126	79.5	2.8	4.2#

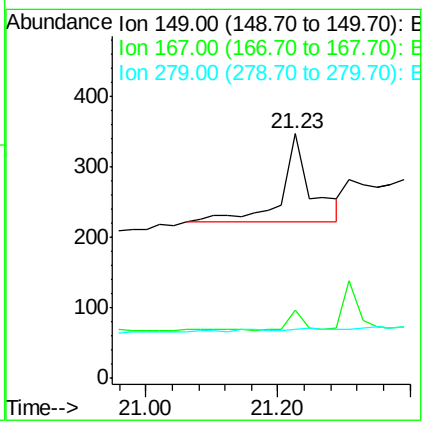


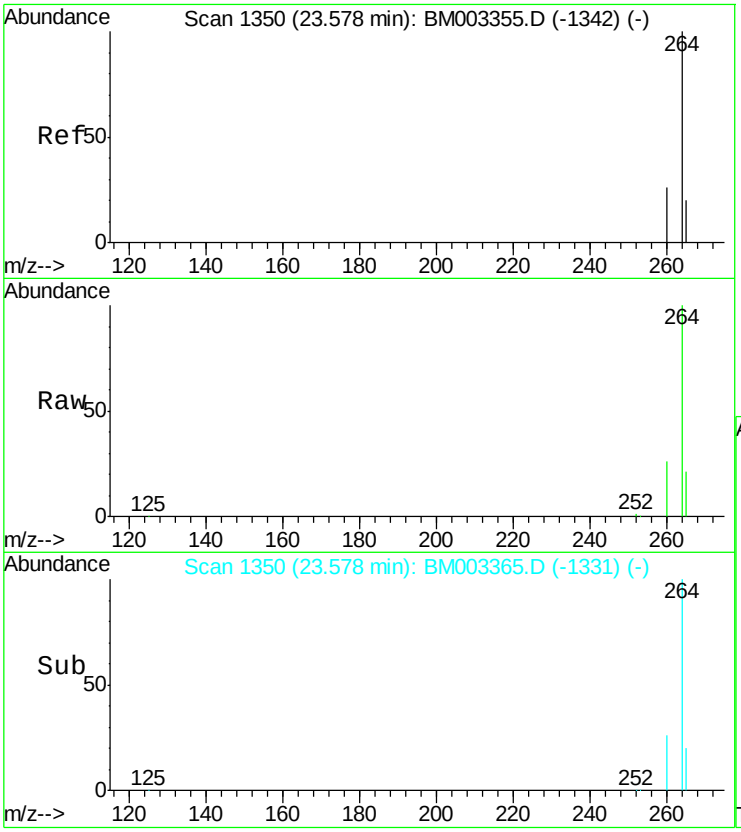


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ng
RT: 21.23 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Tgt Ion:149 Resp: 384

Ion	Ratio	Lower	Upper
149	100		
167	11.2	19.6	29.4#
279	0.0	0.0	0.0





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.58 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM003365.D
Acq: 02 Dec 2015 20:35

Instrument :
BNA_M
ClientSampleId :
PB85645BL

Tgt Ion:264 Resp: 133473

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.6	29.4
265	21.0	18.4	27.6