Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120415\
Data File : BM003375.D
Acq On : 03 Dec 2015 17:51
Operator : UM/IZ
Sample : G4480-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LIBERTYSF-002-SPLPSVOC2

Quant Time: Dec 04 00:18:46 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	282041	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	1157813	5.00	ng	0.00
13) Acenaphthene-d10	14.38	164	598558	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	1213754	5.00	ng	0.00
26) Chrysene-d12	21.32	240	949492	5.00	ng	-0.01
35) Perylene-d12	23.58	264	717966	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	1233015	21.91	ng	0.00
5) Phenol-d6	6.88	99	1022045	14.76	ng	0.00
8) Nitrobenzene-d5	8.88	82	1714457	31.77	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	671533	42.26	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	4213311	23.38	ng	0.00
29) Terphenyl-d14	19.76	244	2214856	14.38	ng	0.00
Target Compounds						Qvalue
9) Nitrobenzene	8.88	77	5515	0.09	ng	# 31
10) Naphthalene	10.56	128	41973	0.17	ng	# 97
12) 2-Methylnaphthalene	12.18	142	15158	0.09	ng	99
17) Acenaphthene	14.42	154	7500	0.05	ng	# 100
18) Fluorene	15.42	166	7150	0.04	ng	# 97
21) Hexachlorobenzene	16.43	284	46	Below Cal		# 90
22) Pentachlorophenol	16.79	266	801	0.37	ng	# 80
23) Phenanthrene	17.15	178	15633	0.07	ng	# 92
25) Fluoranthene	19.18	202	7248	0.03	ng	99
27) Benzidine	19.75	184	63261	0.88	ng	# 97
31) 3,3'-Dichlorobenzidine	21.24	252	68	0.09	ng	# 72
33) Bis(2-ethylhexyl)phthalate	21.22	149	4608	0.28	ng	# 51

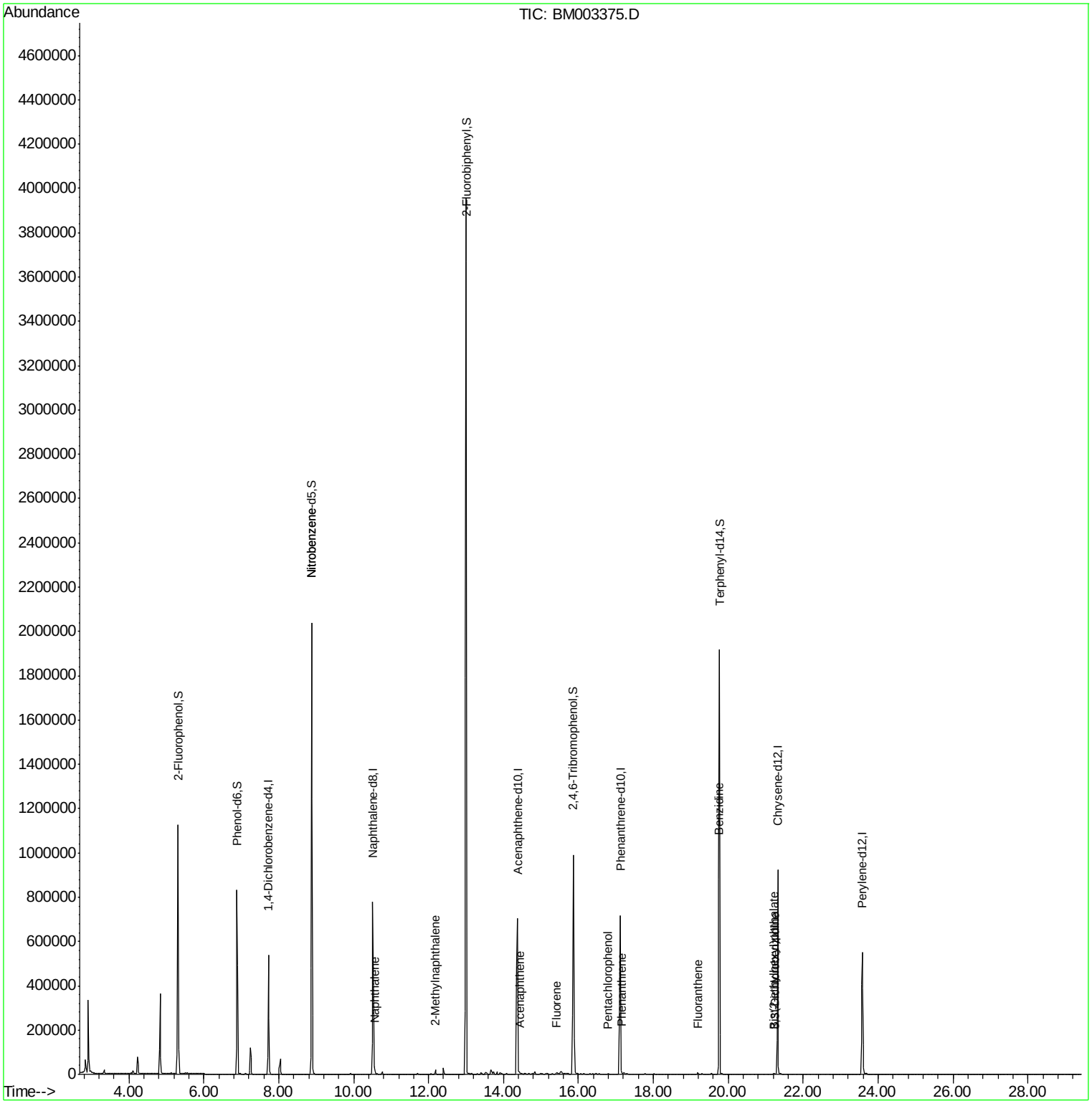
(#) = qualifier out of range (m) = manual integration (+) = signals summed

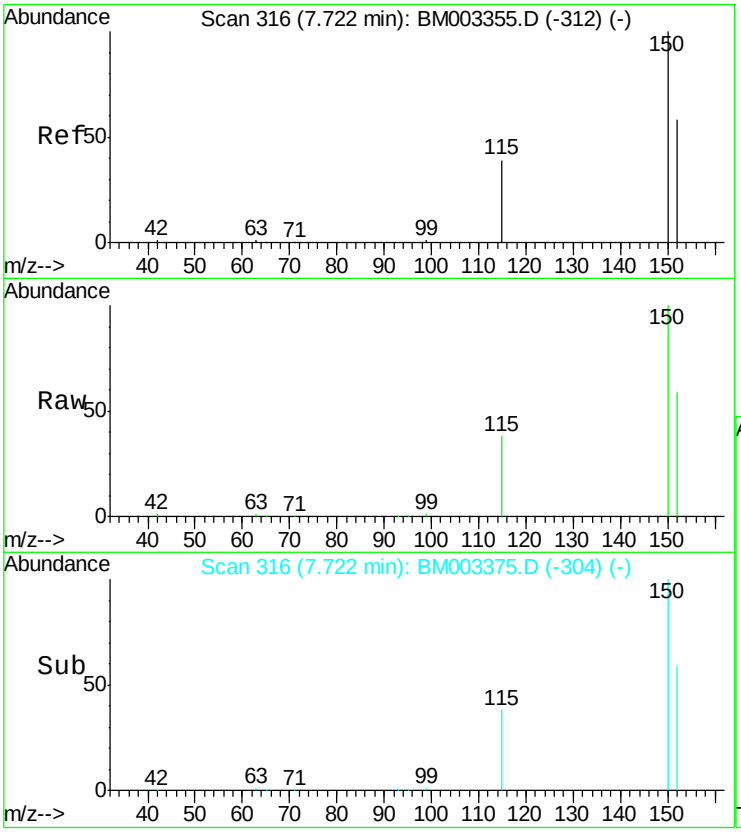
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120415\
Data File : BM003375.D
Acq On : 03 Dec 2015 17:51
Operator : UM/IZ
Sample : G4480-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Quant Time: Dec 04 00:18:46 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



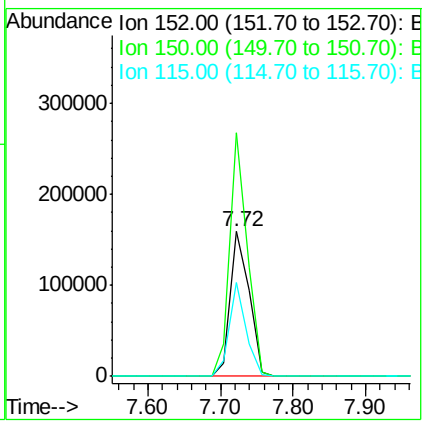


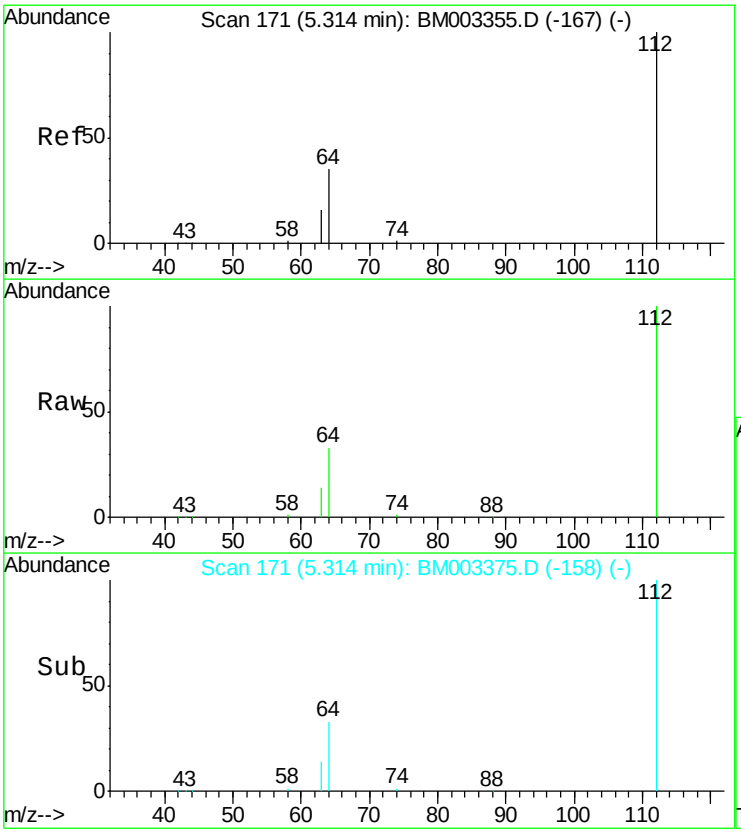
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.72 min Scan# 316
Delta R.T. -0.00 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:152 Resp: 282041

Ion	Ratio	Lower	Upper
152	100		
150	168.2	143.6	215.4
115	64.5	58.5	87.7

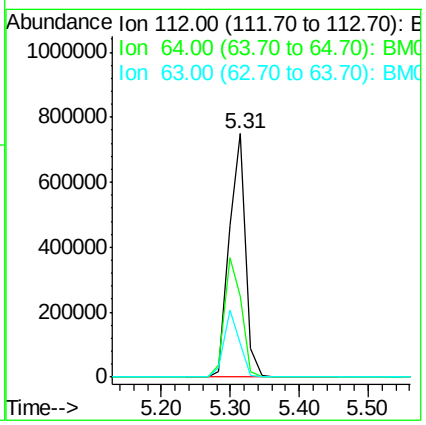


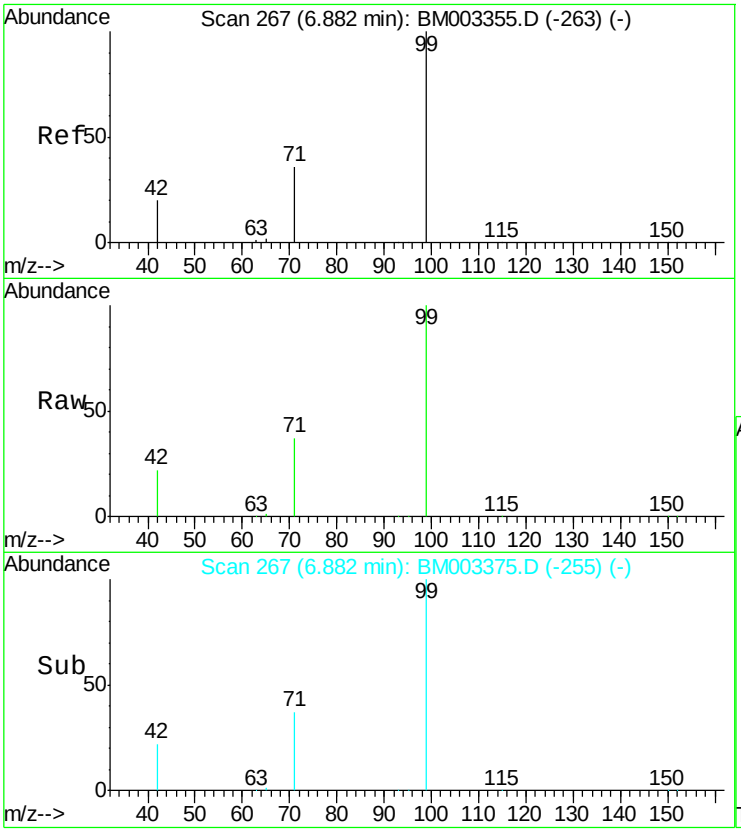


#4
2-Fluorophenol
Concen: 21.91 ng
RT: 5.31 min Scan# 171
Delta R.T. -0.00 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:112 Resp: 1233015

Ion	Ratio	Lower	Upper
112	100		
64	50.5	41.2	61.8
63	26.2	21.2	31.8



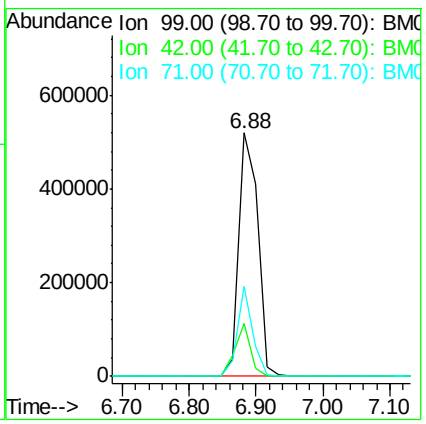


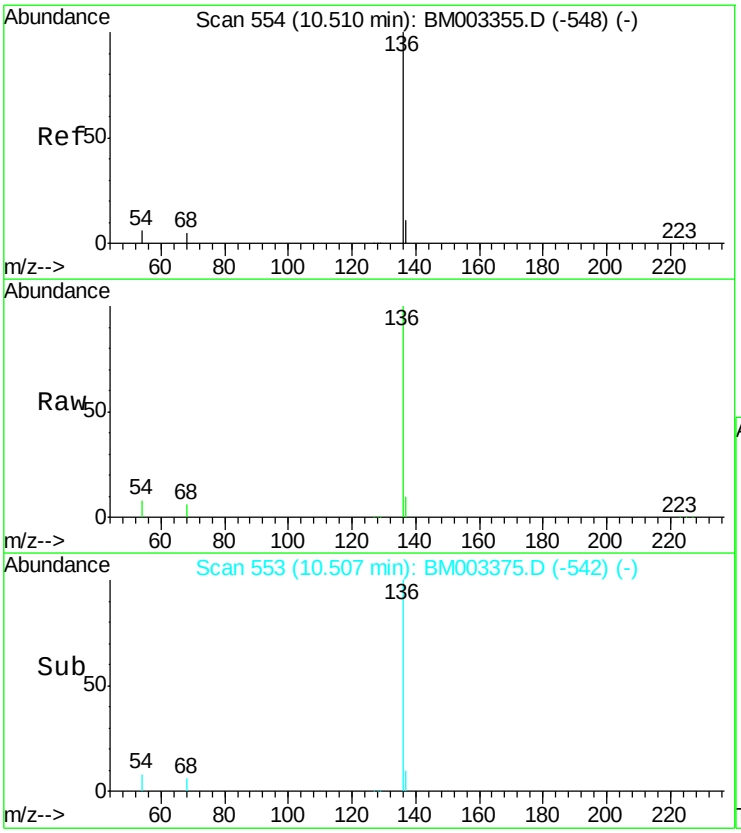
#5
Phenol-d6
Concen: 14.76 ng
RT: 6.88 min Scan# 267
Delta R.T. -0.00 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion: 99 Resp: 1022045

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.6	22.0
71	29.5	23.3	34.9

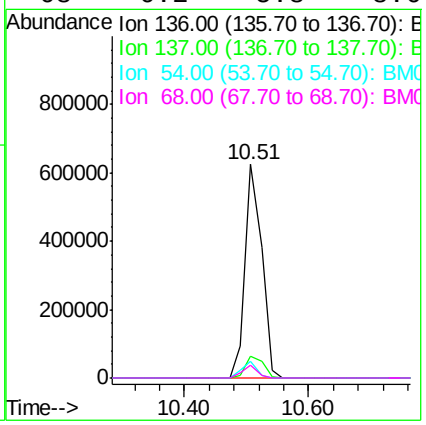


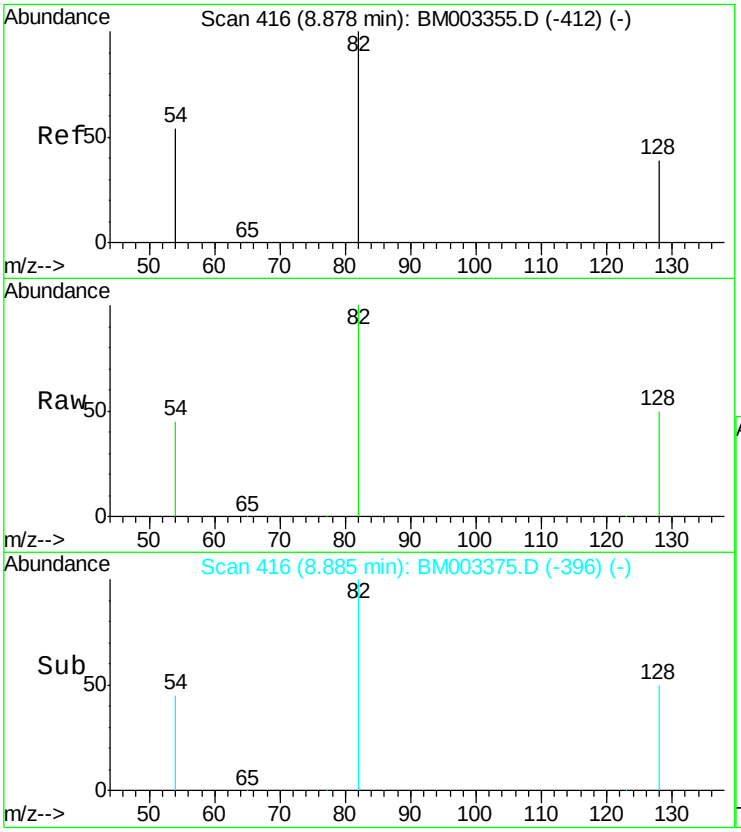


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:136 Resp: 1157813

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.0	12.0
54	7.8	7.4	11.0
68	6.2	5.8	8.6



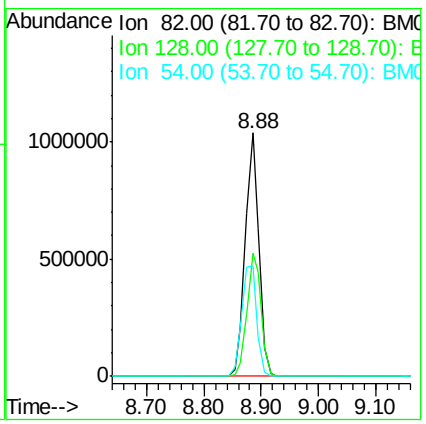


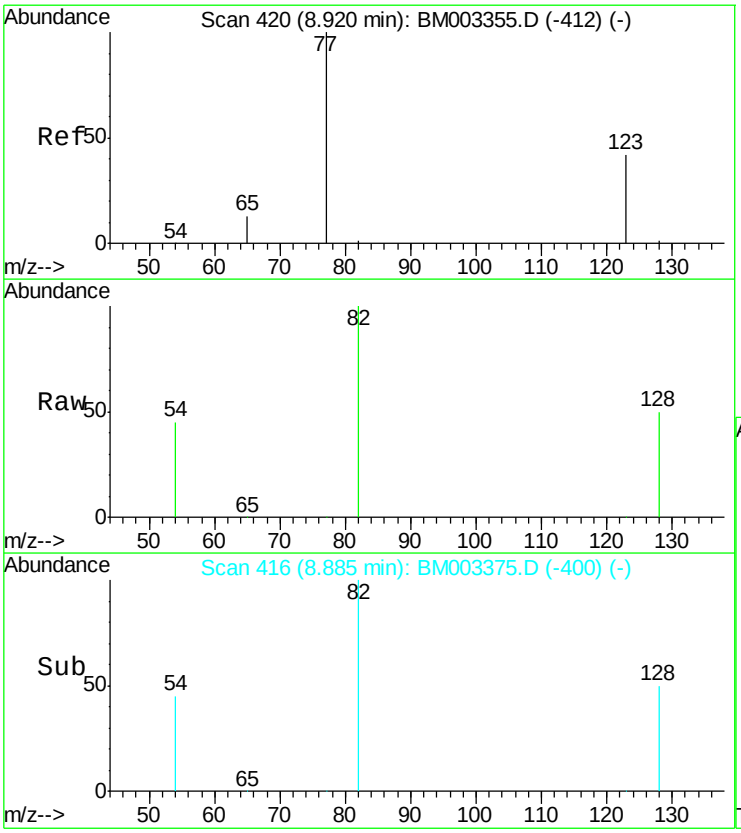
#8
Nitrobenzene-d5
Concen: 31.77 ng
RT: 8.88 min Scan# 416
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion: 82 Resp: 1714457

Ion	Ratio	Lower	Upper
82	100		
128	50.4	35.2	52.8
54	45.5	36.4	54.6

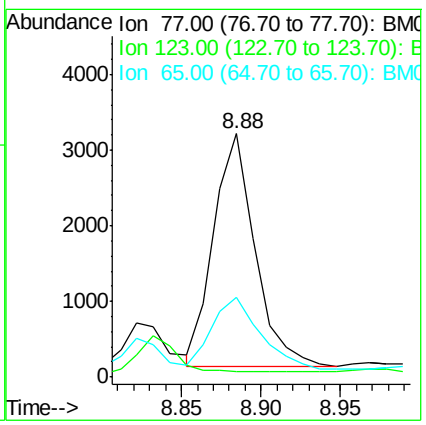


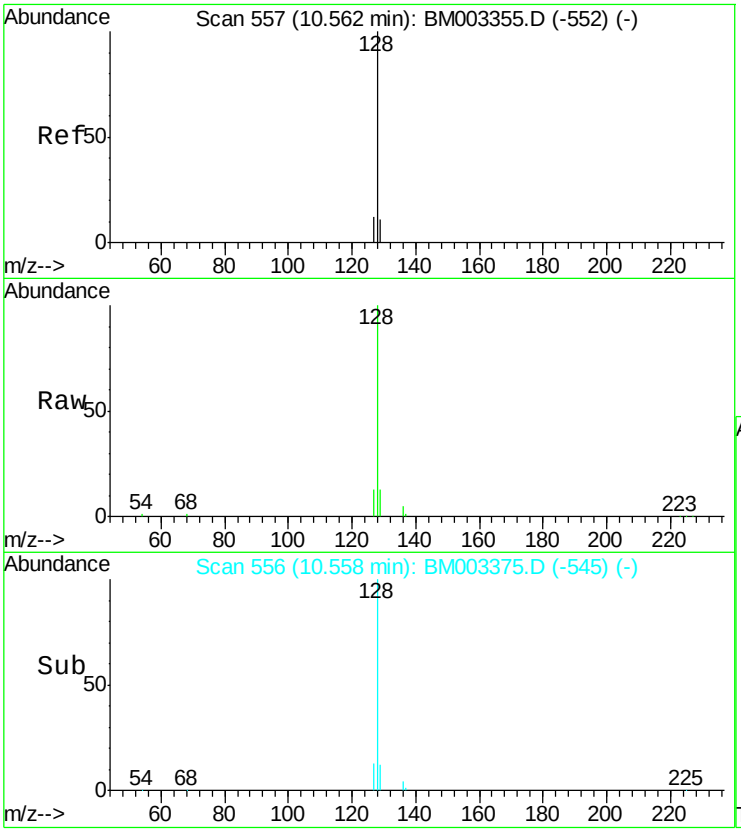


#9
Nitrobenzene
Concen: 0.09 ng
RT: 8.88 min Scan# 416
Delta R.T. -0.03 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion: 77 Resp: 5515

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.7	56.5#
65	37.3	9.8	14.6#



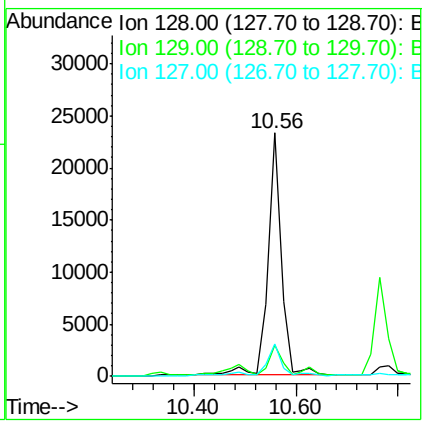


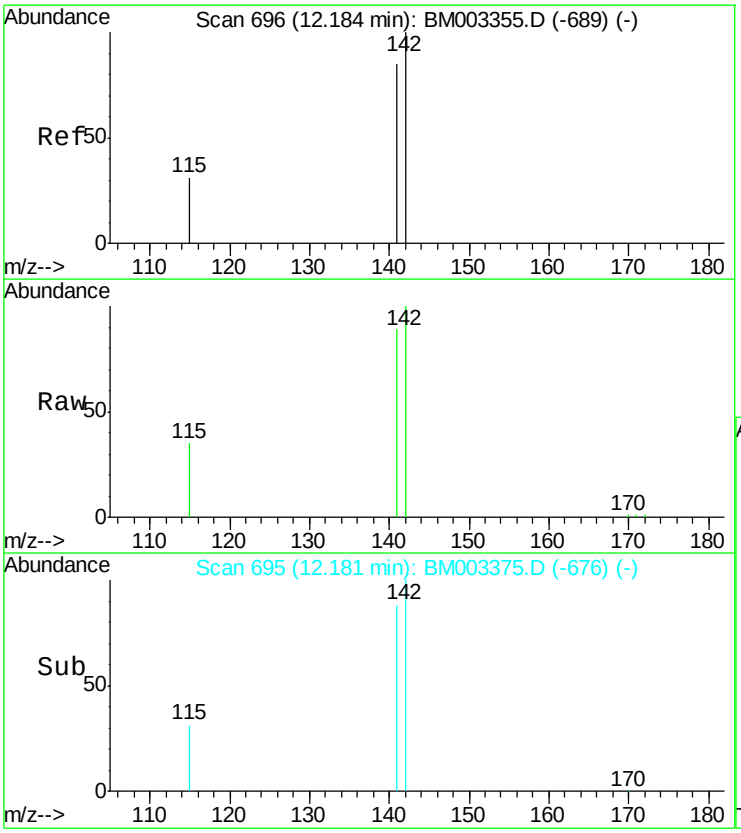
#10
Naphthalene
Concen: 0.17 ng
RT: 10.56 min Scan# 556
Delta R.T. -0.00 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:128 Resp: 41973

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.5	12.7#
127	13.2	10.6	16.0

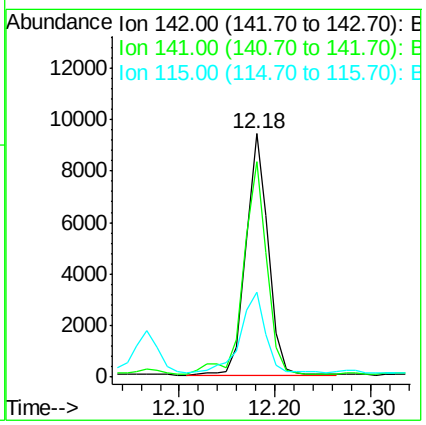


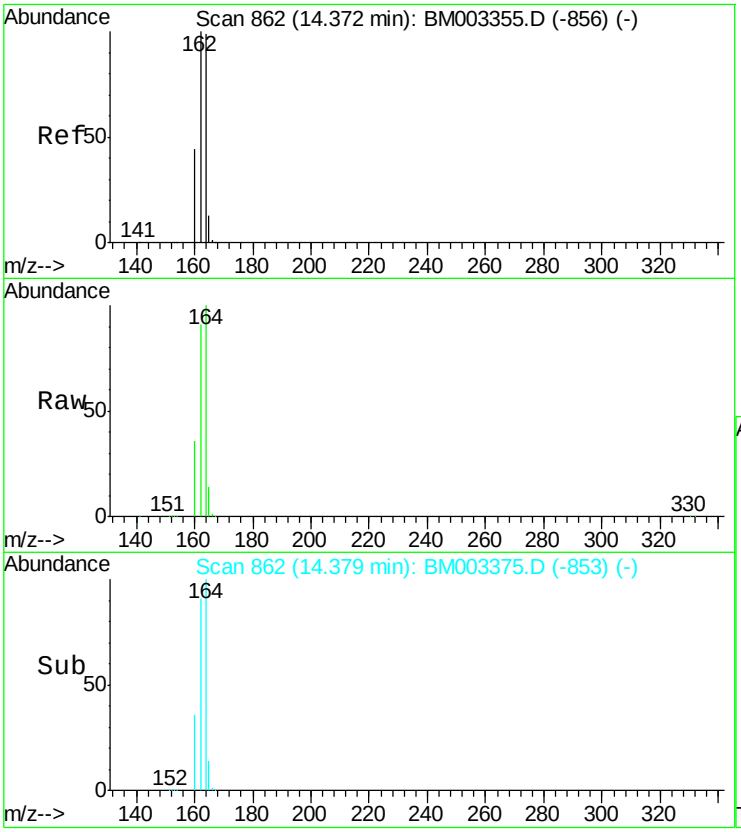


#12
2-Methylnaphthalene
Concen: 0.09 ng
RT: 12.18 min Scan# 695
Delta R.T. -0.00 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:142 Resp: 15158

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2
115	34.7	28.0	42.0



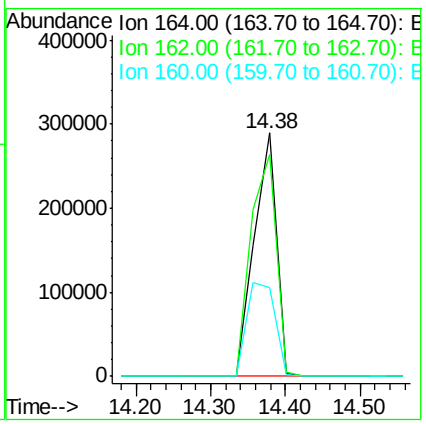


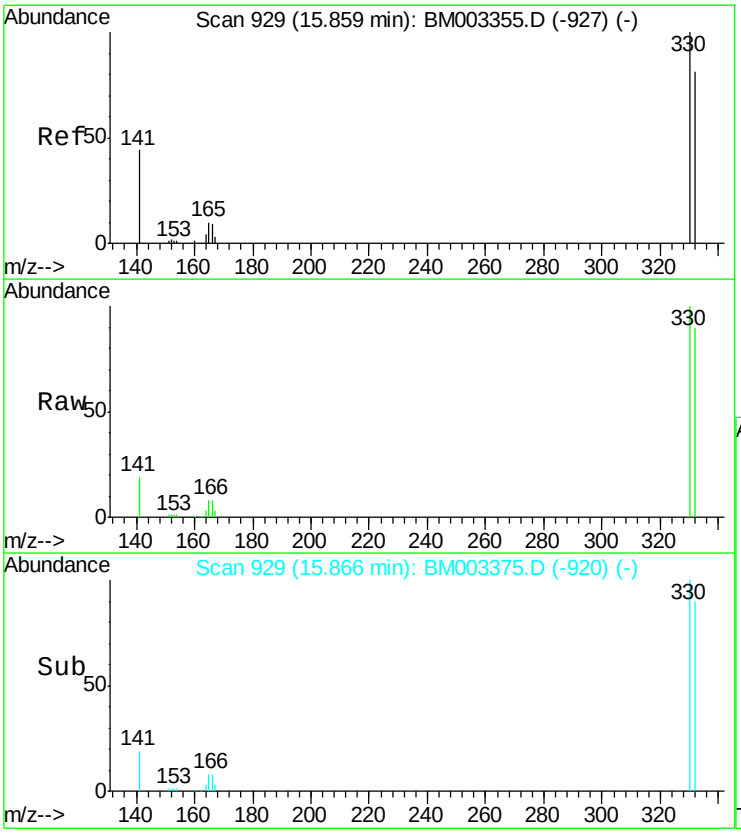
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.38 min Scan# 862
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:164 Resp: 598558

Ion	Ratio	Lower	Upper
164	100		
162	90.9	78.3	117.5
160	36.5	33.8	50.6

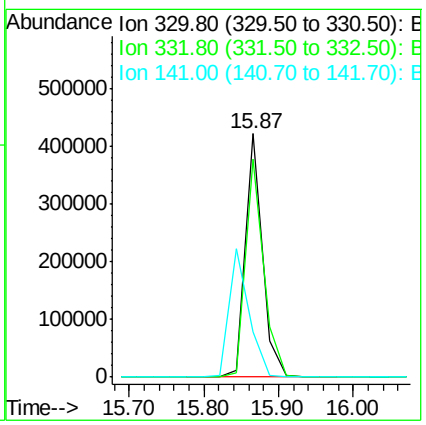


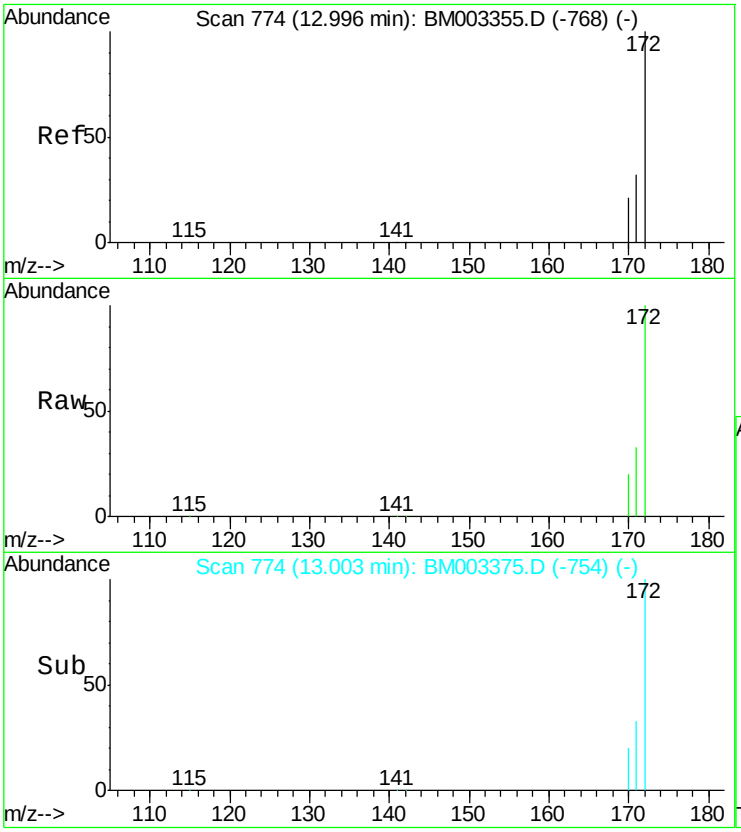


#14
2,4,6-Tribromophenol
Concen: 42.26 ng
RT: 15.87 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:330 Resp: 671533

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.0	114.0
141	0.0	0.0	0.0



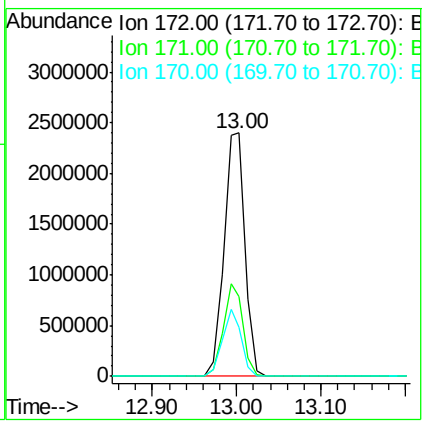


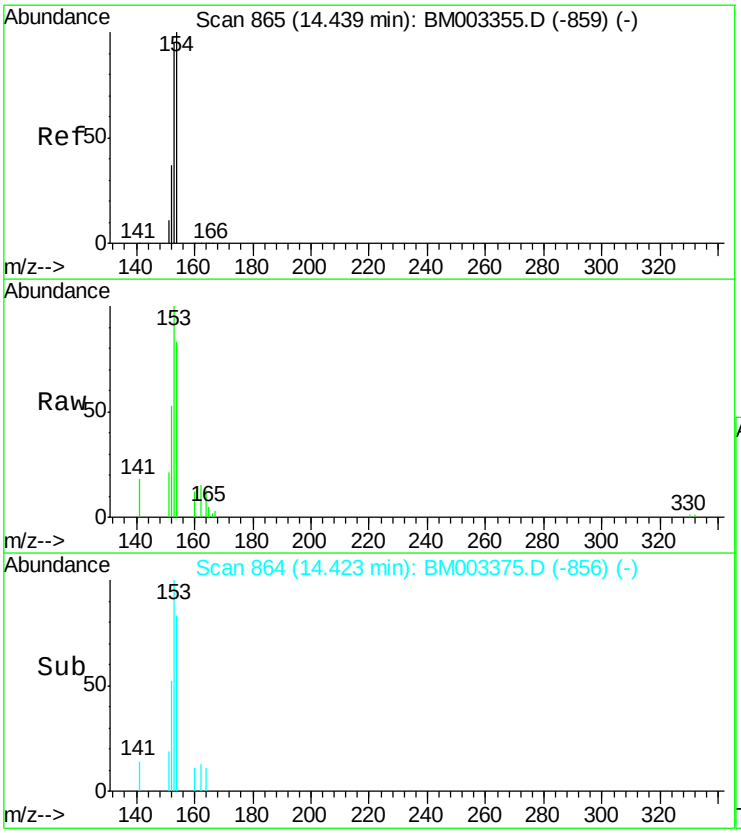
#15
2-Fluorobiphenyl
Concen: 23.38 ng
RT: 13.00 min Scan# 774
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:172 Resp: 4213311

Ion	Ratio	Lower	Upper
172	100		
171	32.6	28.0	42.0
170	20.0	18.9	28.3

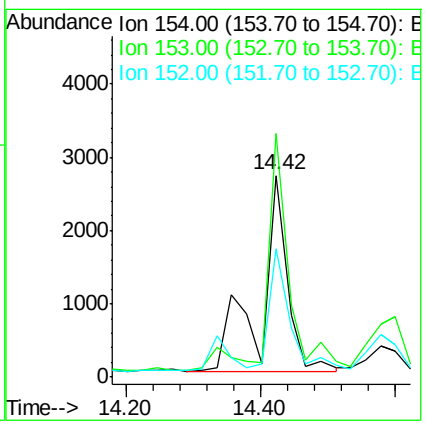


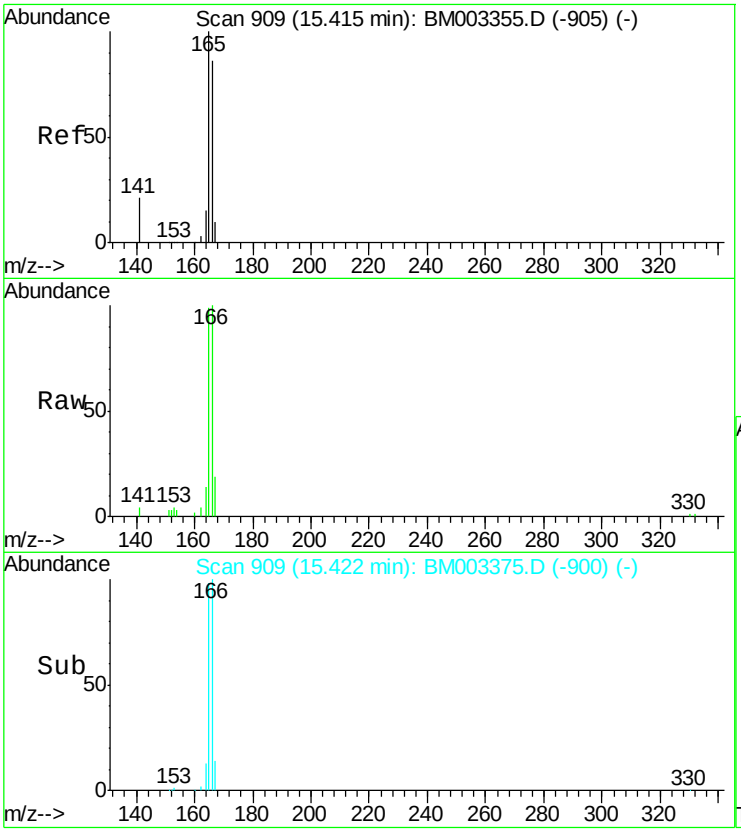


#17
Acenaphthene
Concen: 0.05 ng
RT: 14.42 min Scan# 864
Delta R.T. -0.02 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:154 Resp: 7500

Ion	Ratio	Lower	Upper
154	100		
153	82.3	0.0	0.0#
152	45.9	0.0	0.0#



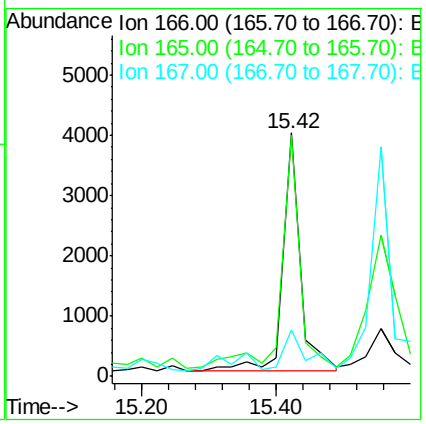


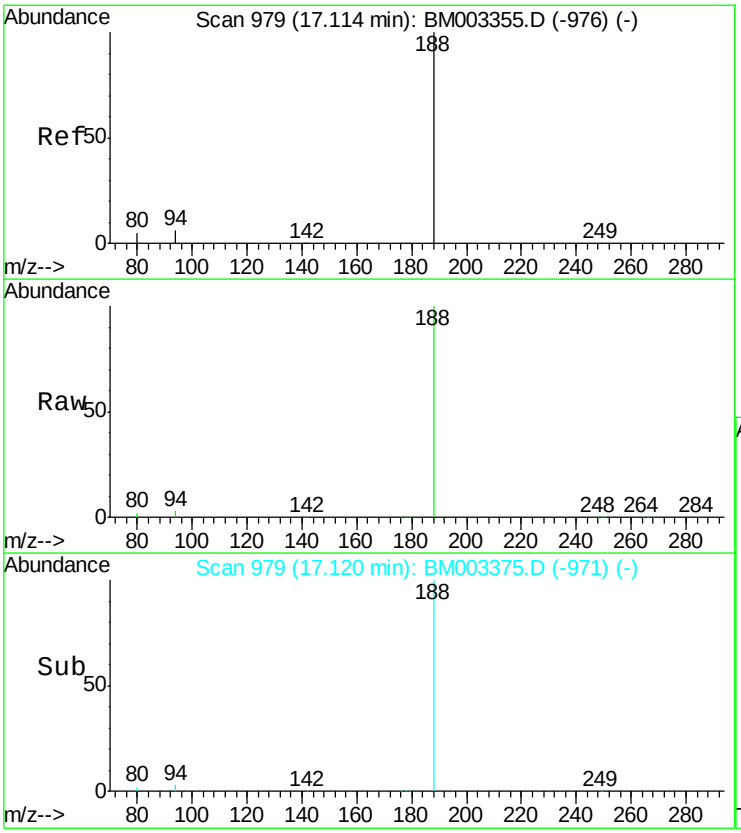
#18
Fluorene
Concen: 0.04 ng
RT: 15.42 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:166 Resp: 7150

Ion	Ratio	Lower	Upper
166	100		
165	102.0	80.8	121.2
167	21.8	10.5	15.7#

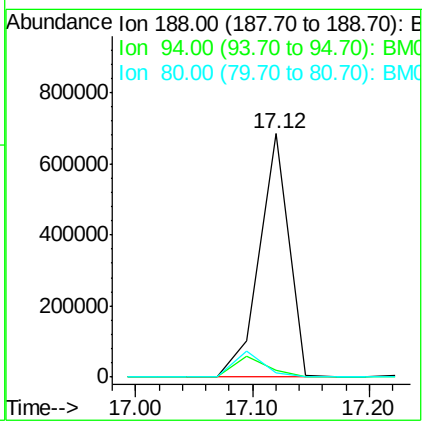


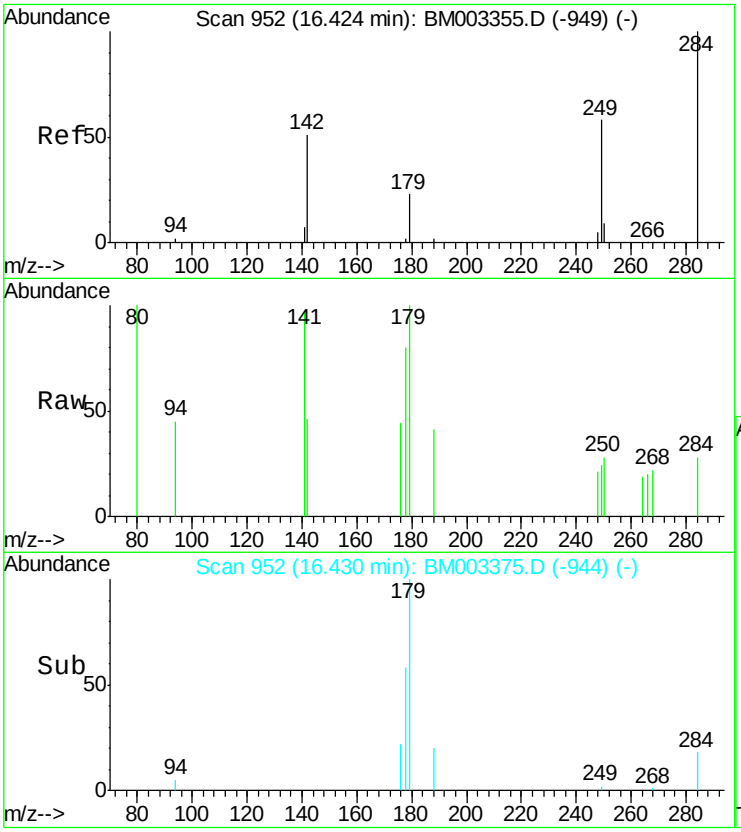


#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.12 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:188 Resp: 1213754

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



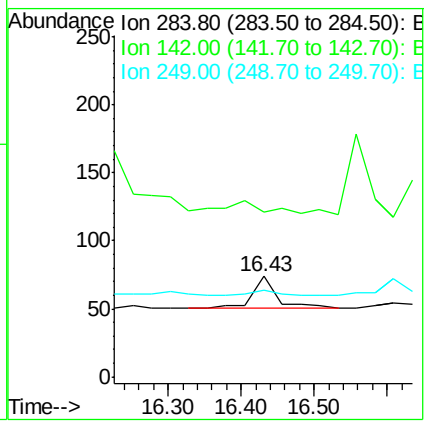


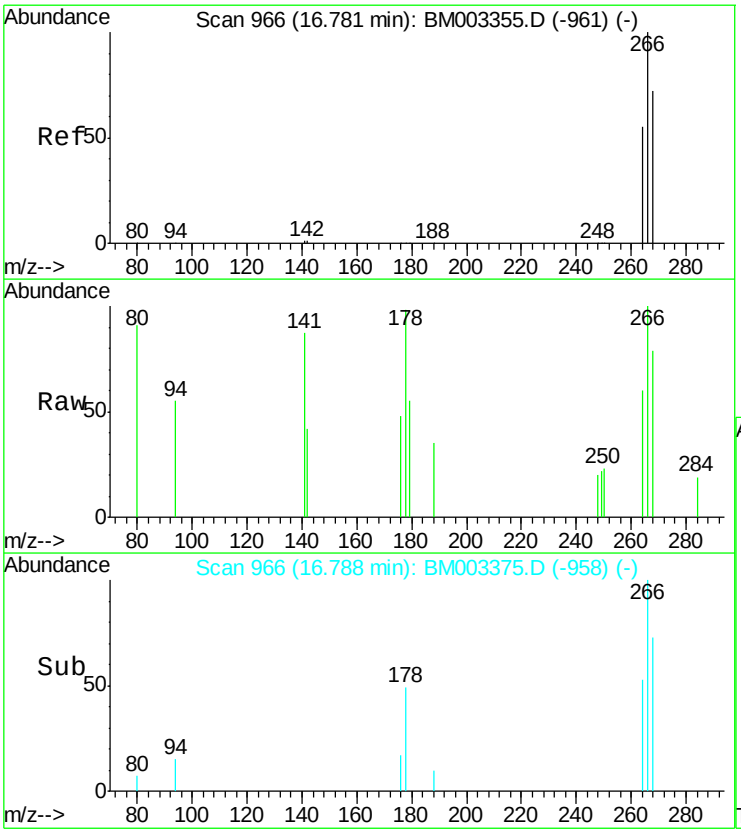
#21
Hexachlorobenzene
Concen: Below Cal
RT: 16.43 min Scan# 952
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:284 Resp: 46

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	19.6	19.4	29.2

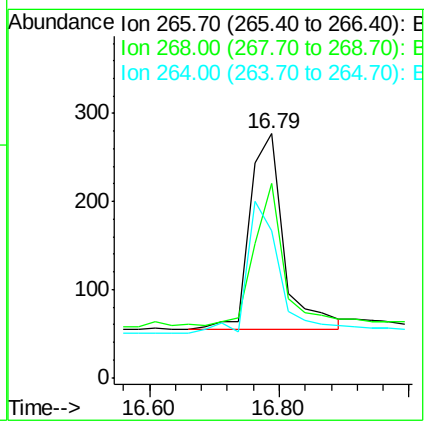


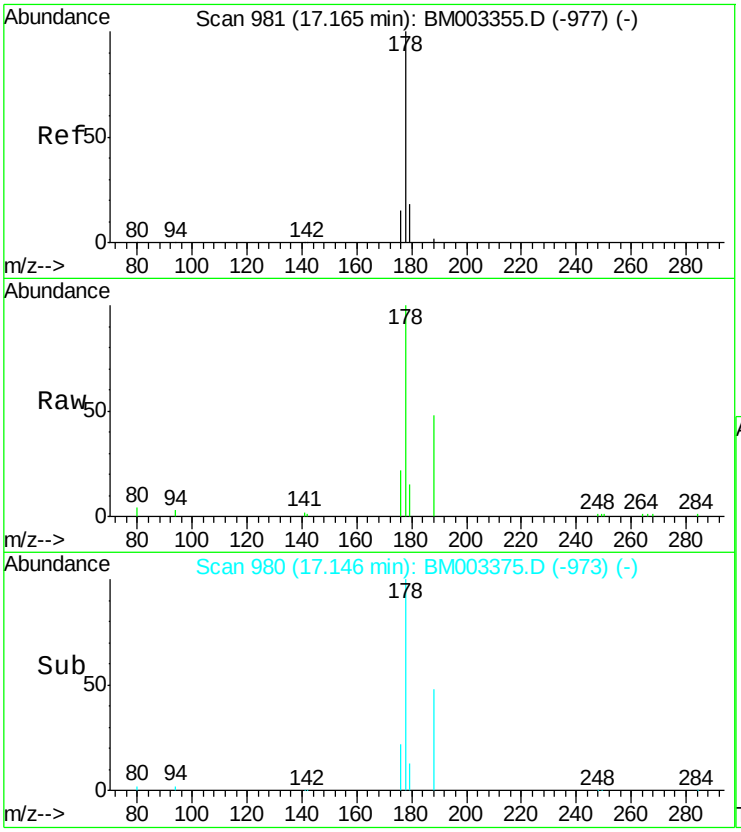


#22
Pentachlorophenol
Concen: 0.37 ng
RT: 16.79 min Scan# 966
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:266 Resp: 801

Ion	Ratio	Lower	Upper
266	100		
268	79.4	45.8	68.8#
264	60.3	56.7	85.1



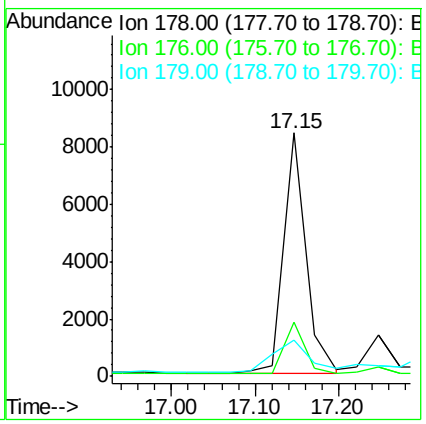


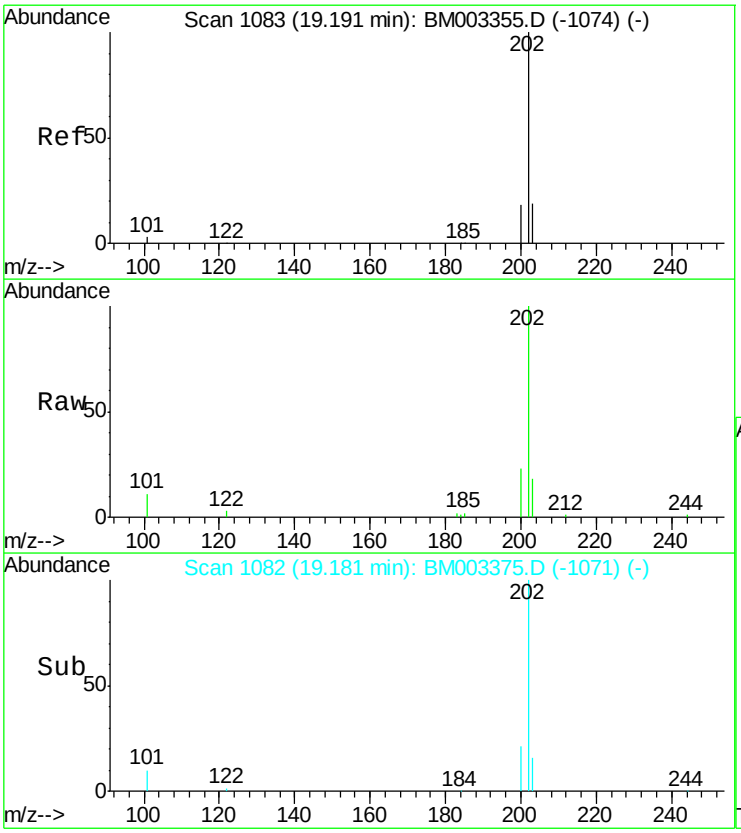
#23
Phenanthrene
Concen: 0.07 ng
RT: 17.15 min Scan# 980
Delta R.T. -0.02 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:178 Resp: 15633

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.9	23.9
179	22.3	11.7	17.5#

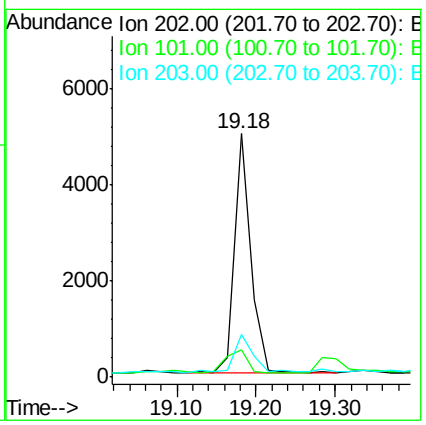


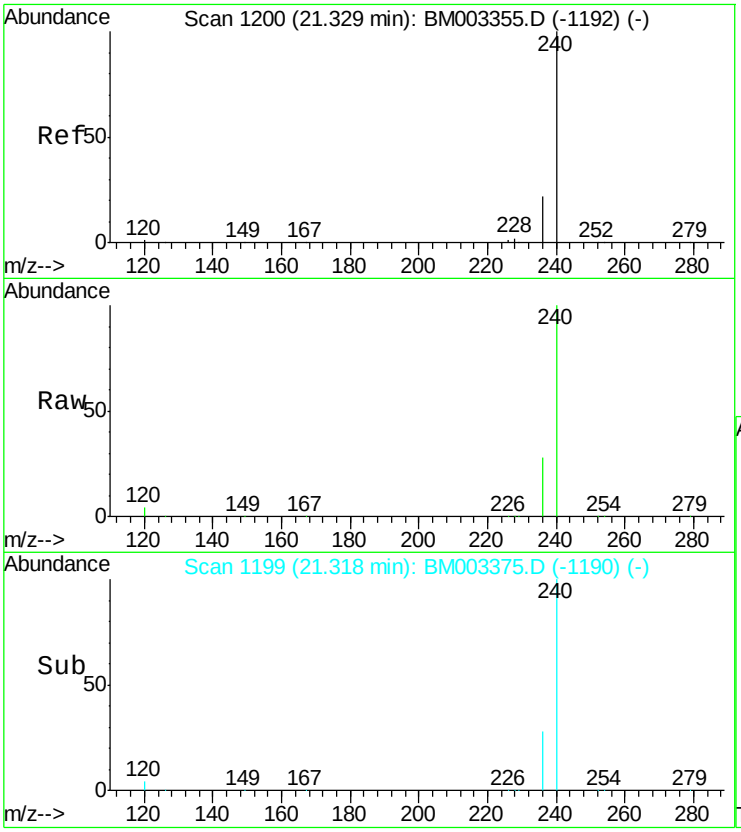


#25
Fluoranthene
Concen: 0.03 ng
RT: 19.18 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:202 Resp: 7248

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.9	14.9
203	18.2	13.9	20.9



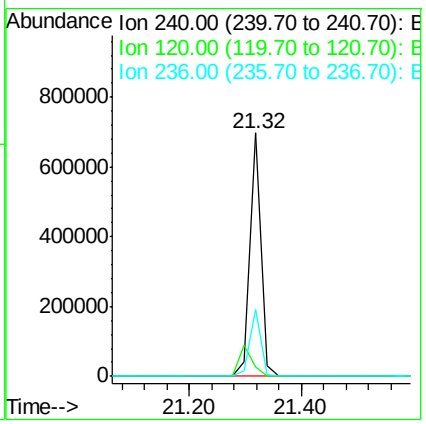


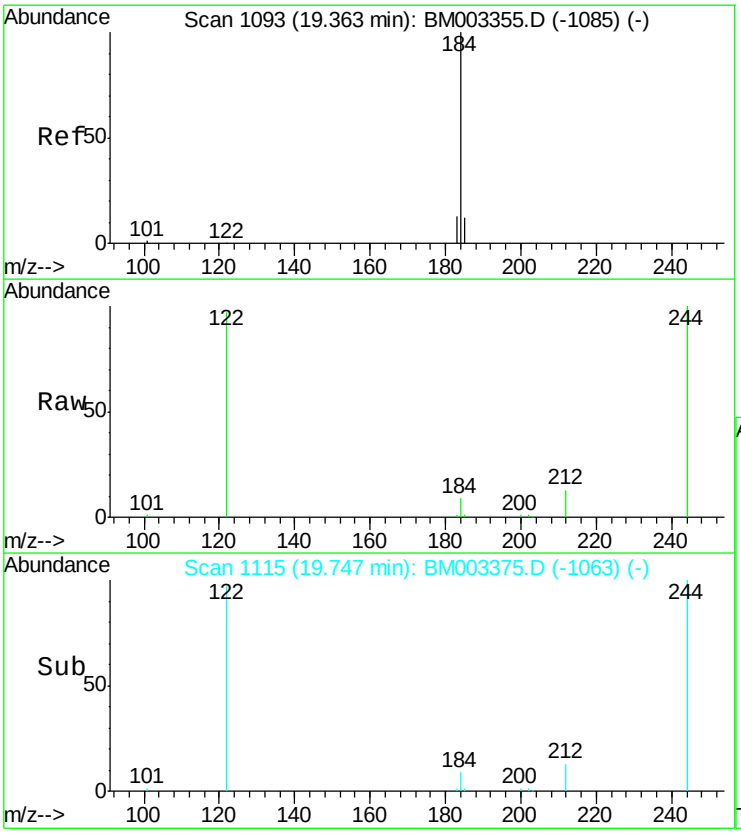
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.32 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:240 Resp: 949492

Ion	Ratio	Lower	Upper
240	100		
120	3.9	1.0	1.4#
236	27.6	17.9	26.9#

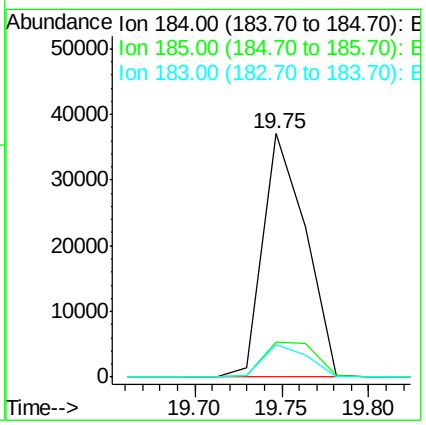


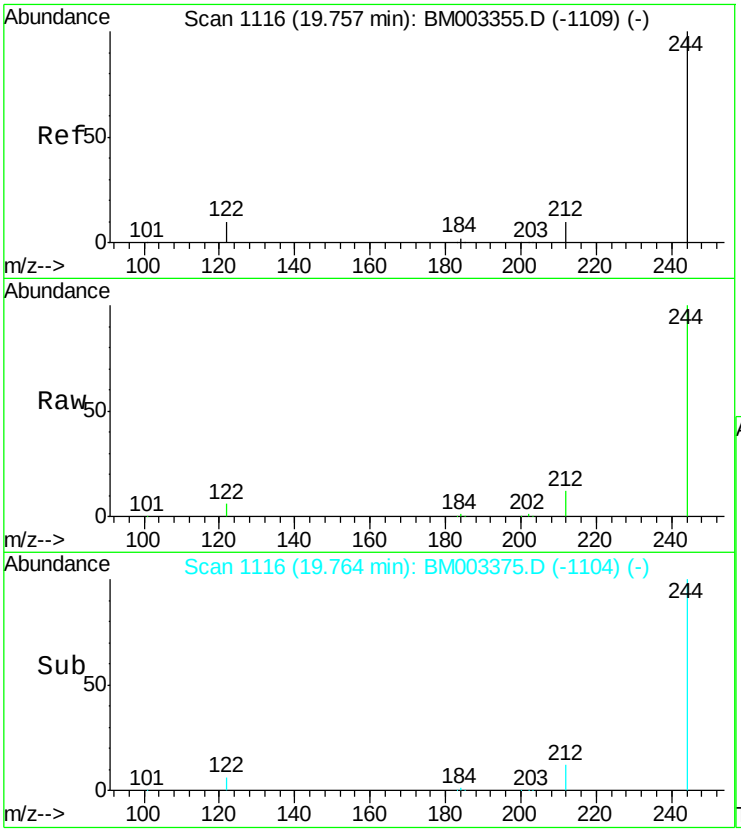


#27
Benzidine
Concen: 0.88 ng
RT: 19.75 min Scan# 1115
Delta R.T. 0.38 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:184 Resp: 63261

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.6	17.4
183	13.3	8.6	13.0#



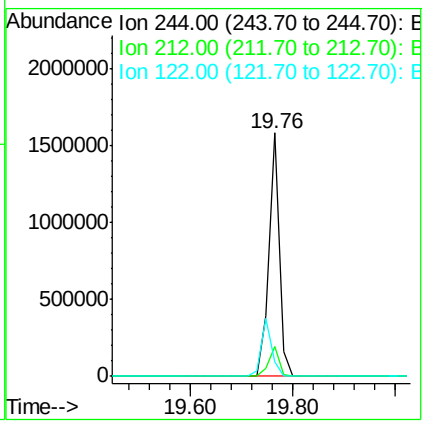


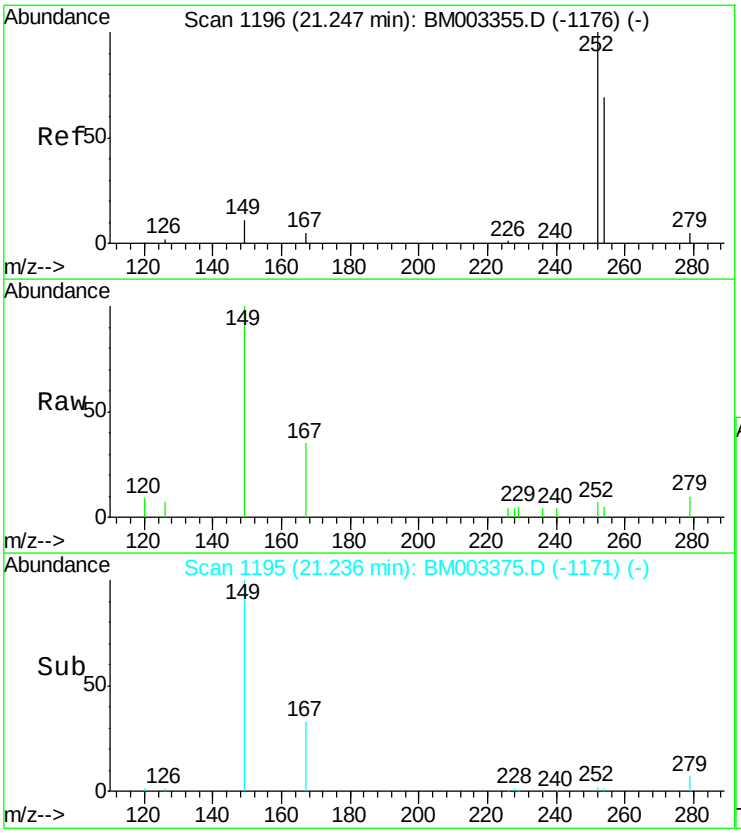
#29
Terphenyl-d14
Concen: 14.38 ng
RT: 19.76 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:244 Resp: 2214856

Ion	Ratio	Lower	Upper
244	100		
212	12.2	6.5	9.7#
122	6.0	2.0	3.0#

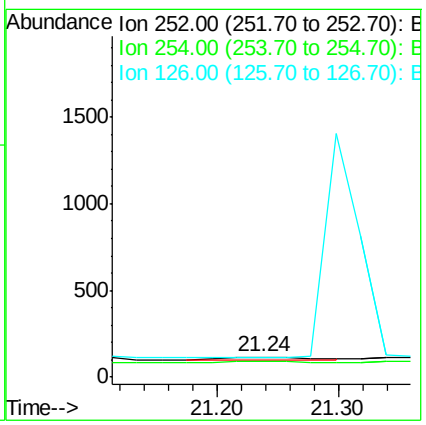


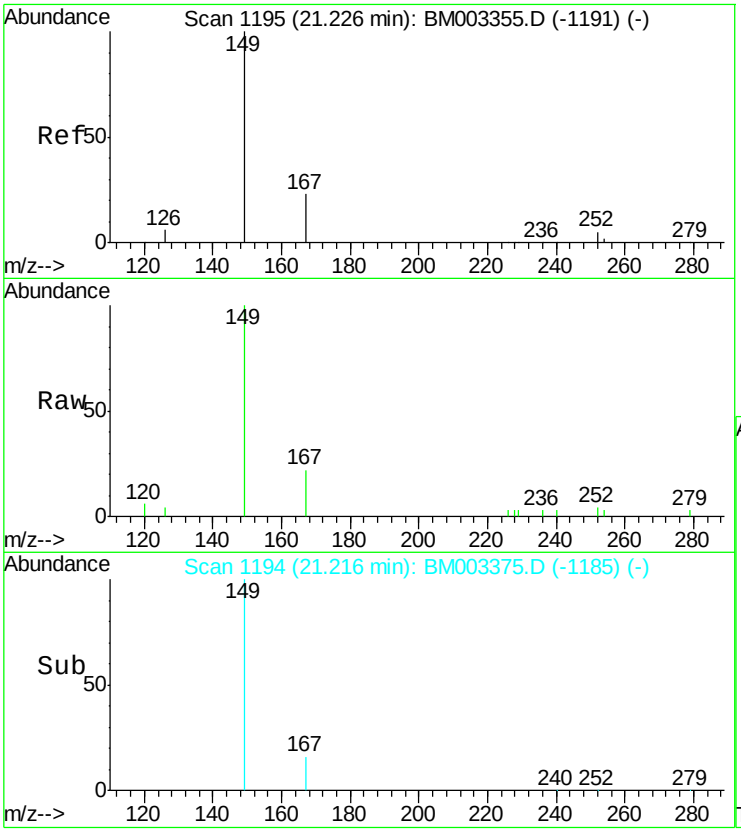


#31
3,3'-Dichlorobenzidine
Concen: 0.09 ng
RT: 21.24 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:252 Resp: 68

Ion	Ratio	Lower	Upper
252	100		
254	78.4	53.7	80.5
126	100.0	2.8	4.2#



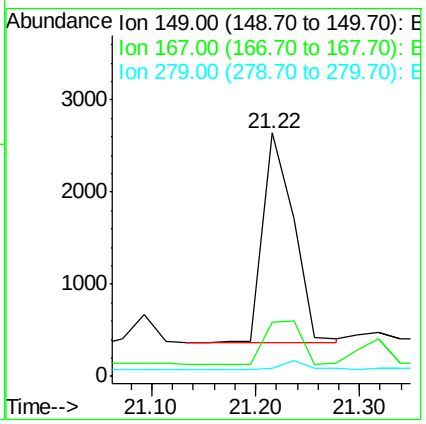


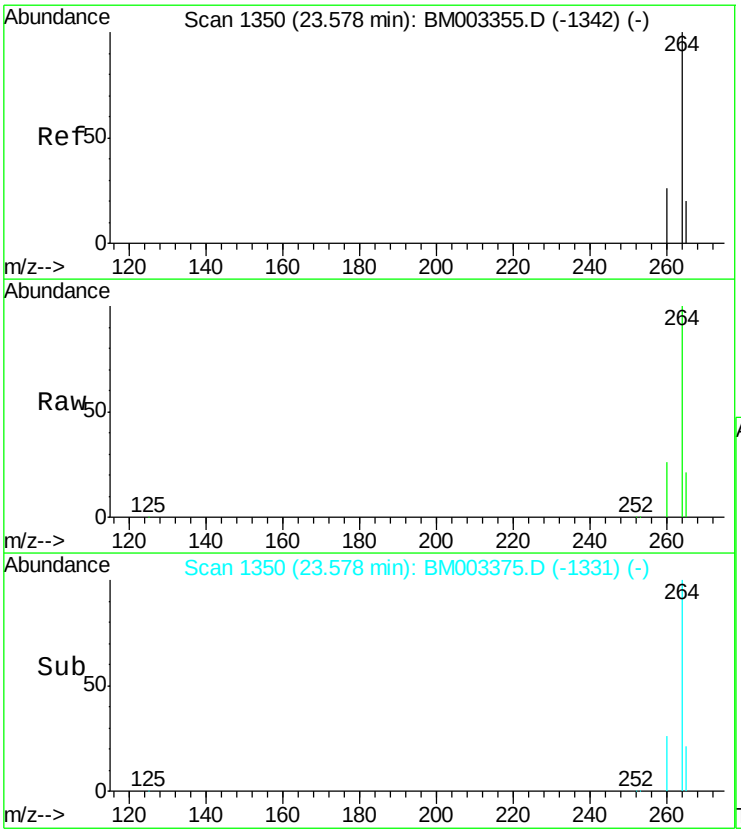
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.22 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BM003375.D
Acq: 03 Dec 2015 17:51

Instrument :
BNA_M
ClientSampleId :
LIBERTYSF-002-SPLPSVOC2

Tgt Ion:149 Resp: 4608

Ion	Ratio	Lower	Upper
149	100		
167	0.0	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: BM003375.D
Acq: 03 Dec 2015 17:51

Tgt Ion:264 Resp: 717966

Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.6	29.4
265	21.4	18.4	27.6