Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
Data File : BE091776.D
Acq On : 16 May 2016 16:37
Operator : UM/SJ
Sample : H3084-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LF017MW003-160512

Quant Time: May 17 04:01:20 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	47616	5.00	ng		0.00
7) Naphthalene-d8	10.57	136	231814	5.00	ng		0.00
13) Acenaphthene-d10	14.40	164	135937	5.00	ng		-0.01
19) Phenanthrene-d10	17.15	188	323669	5.00	ng		0.00
26) Chrysene-d12	21.31	240	315078	5.00	ng		0.00
35) Perylene-d12	23.74	264	321207	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.39	112	26421	2.26	ng		0.00
5) Phenol-d6	6.95	99	24758	1.60	ng		0.00
8) Nitrobenzene-d5	8.95	82	40732	2.72	ng		0.00
14) 2,4,6-Tribromophenol	15.90	330	28715	5.72	ng		0.00
15) 2-Fluorobiphenyl	13.03	172	129739	3.37	ng		0.00
29) Terphenyl-d14	19.76	244	245781	5.00	ng		0.00
Target Compounds							Qvalue
22) Pentachlorophenol	16.79	266	981	0.25	ng		96
27) Benzidine	19.74	184	4134	0.32	ng	#	84
33) Bis(2-ethylhexyl)phthalate	21.20	149	1797	0.08	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051616\
Data File : BE091776.D
Acq On : 16 May 2016 16:37
Operator : UM/SJ
Sample : H3084-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
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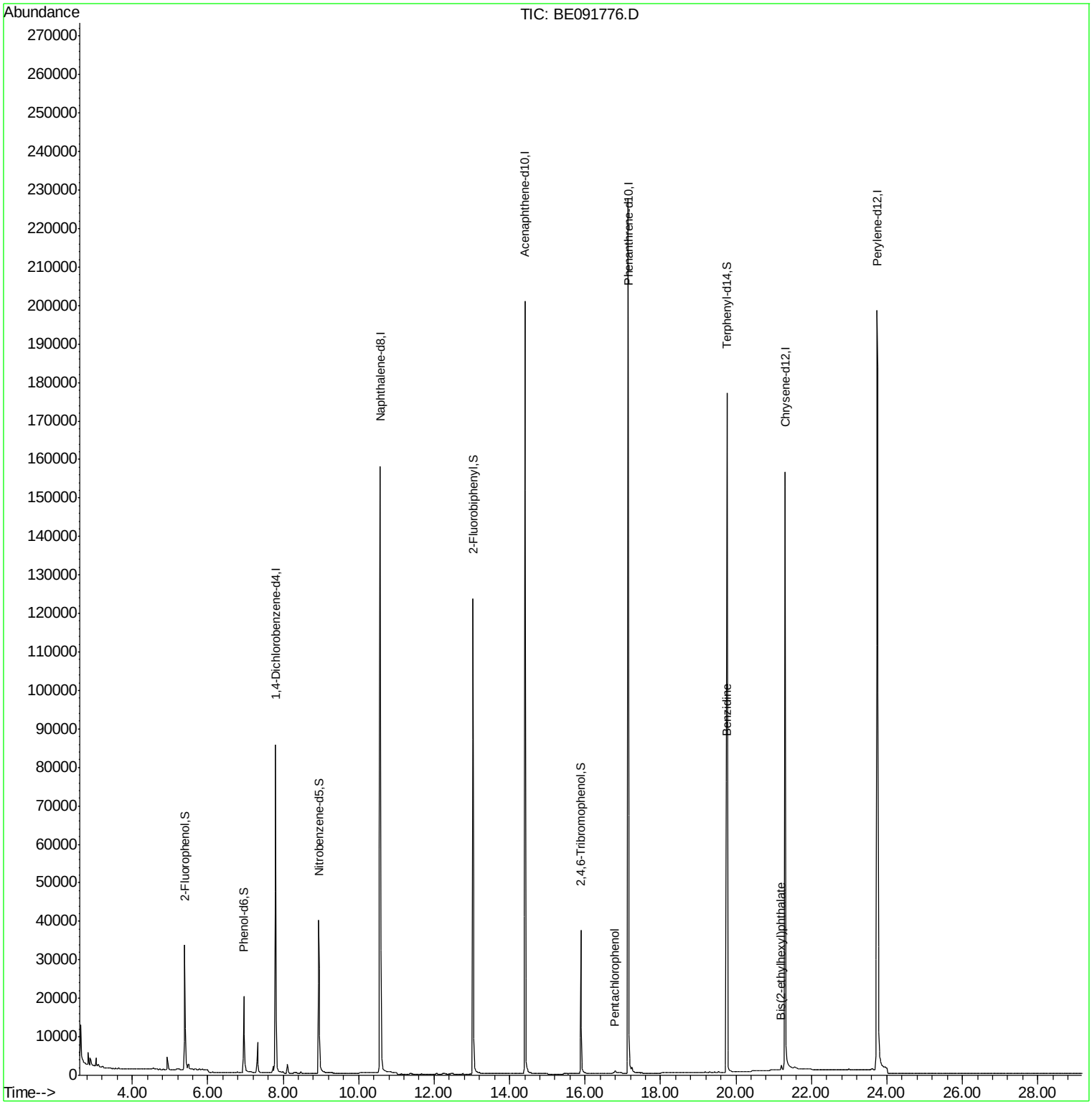
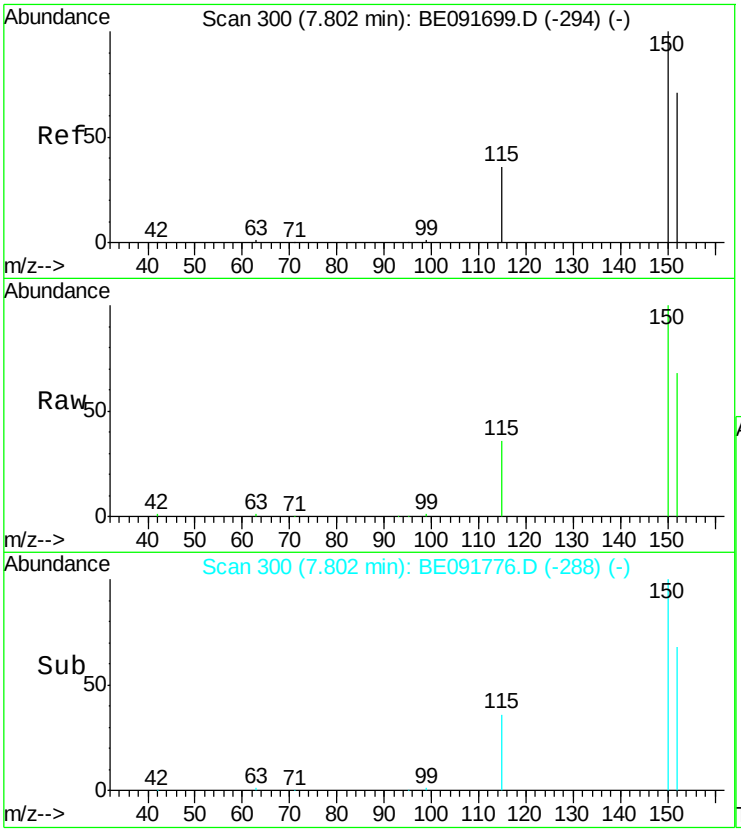
LF017MW003-160512

Quant Time: May 17 04:01:20 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration



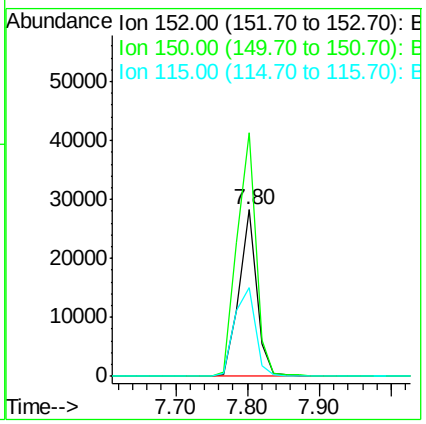


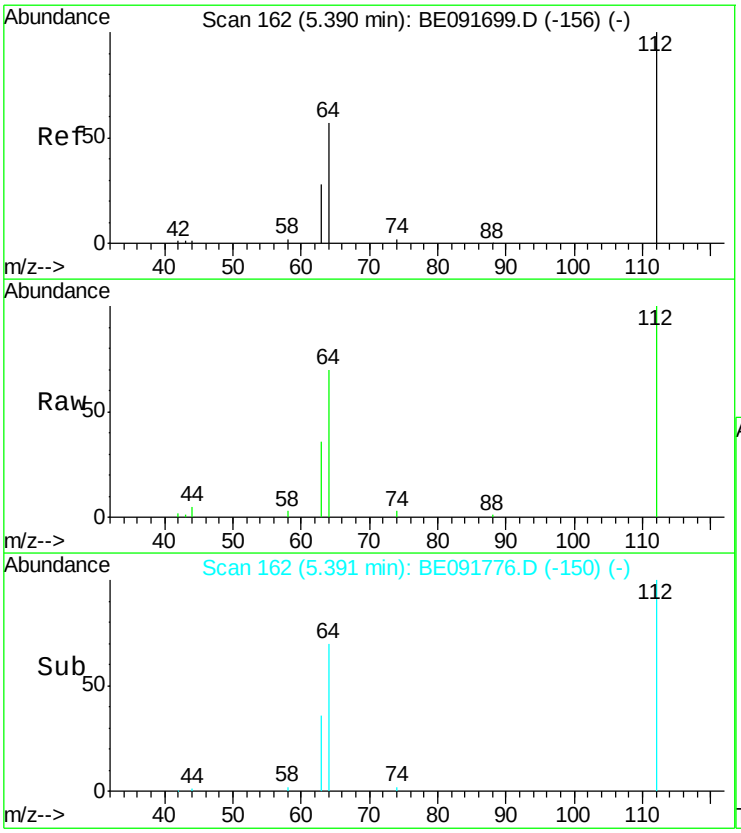
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion:152 Resp: 47616

Ion	Ratio	Lower	Upper
152	100		
150	146.2	122.6	183.8
115	53.3	52.8	79.2

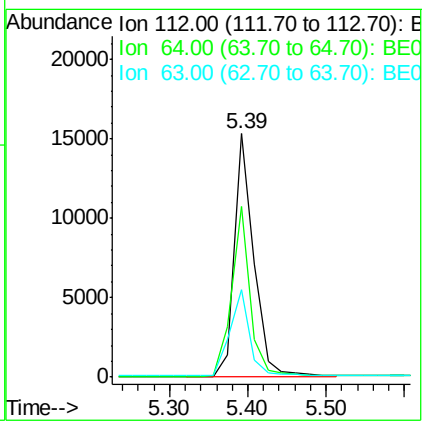


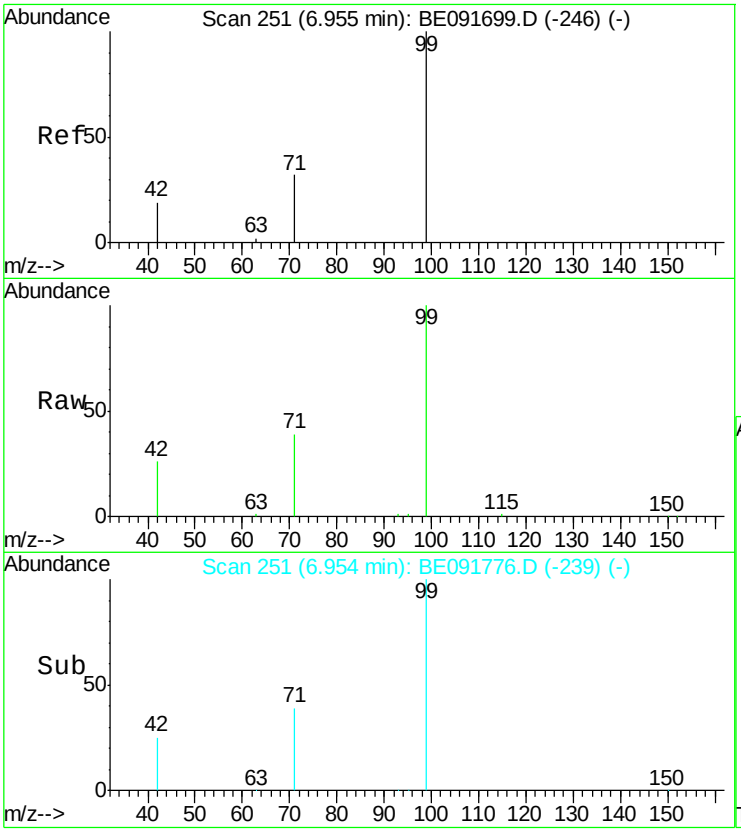


#4
2-Fluorophenol
Concen: 2.26 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Tgt Ion:112 Resp: 26421

Ion	Ratio	Lower	Upper
112	100		
64	66.8	30.9	46.3#
63	36.3	16.7	25.1#



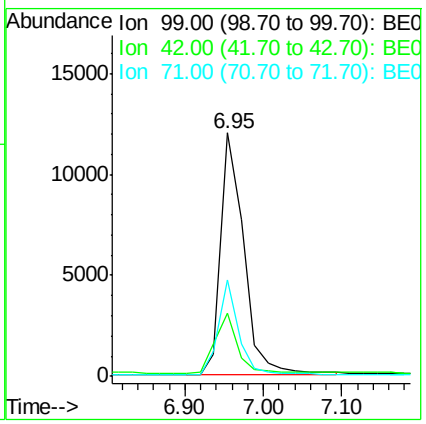


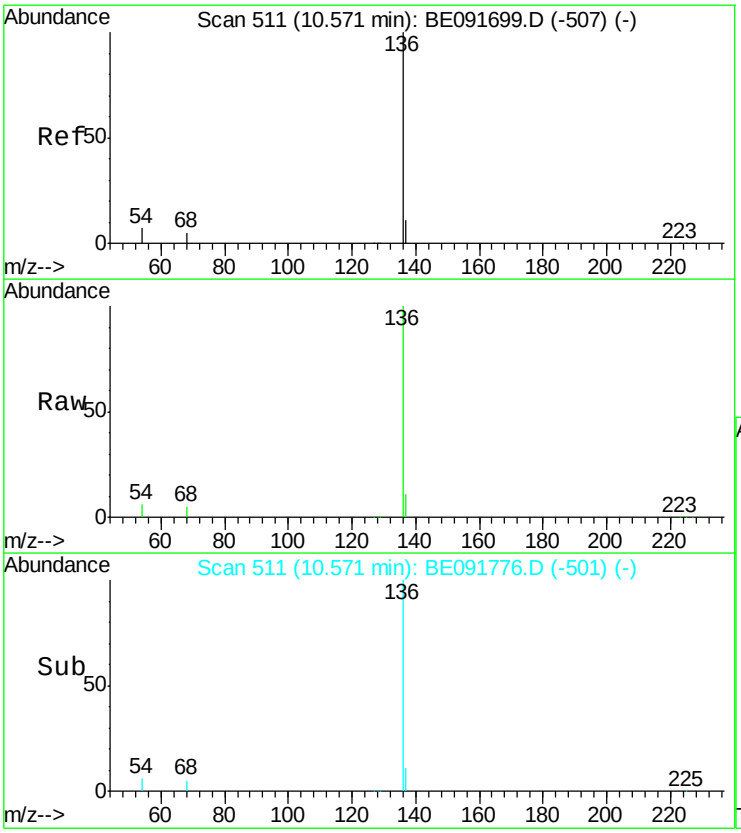
#5
Phenol-d6
Concen: 1.60 ng
RT: 6.95 min Scan# 251
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion: 99 Resp: 24758

Ion	Ratio	Lower	Upper
99	100		
42	23.8	16.2	24.2
71	34.9	29.0	43.4

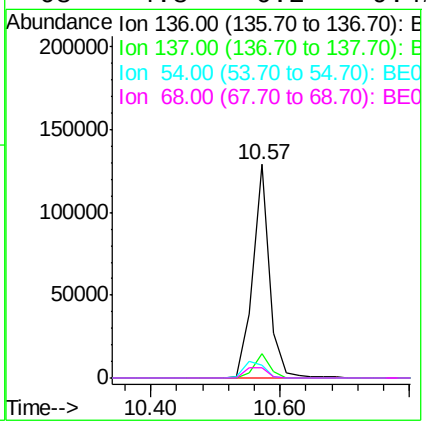


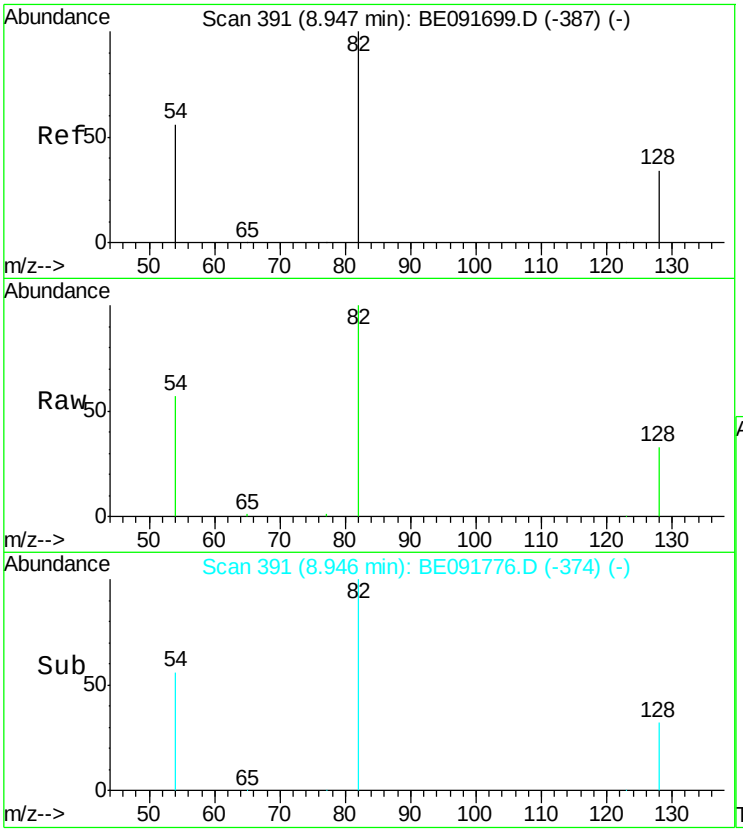


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Tgt Ion:136 Resp: 231814

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.3	8.2	12.4#
68	4.8	6.2	9.4#



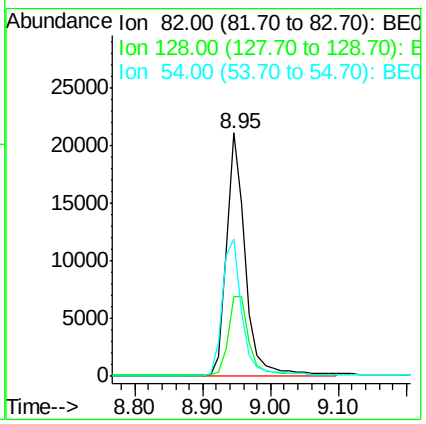


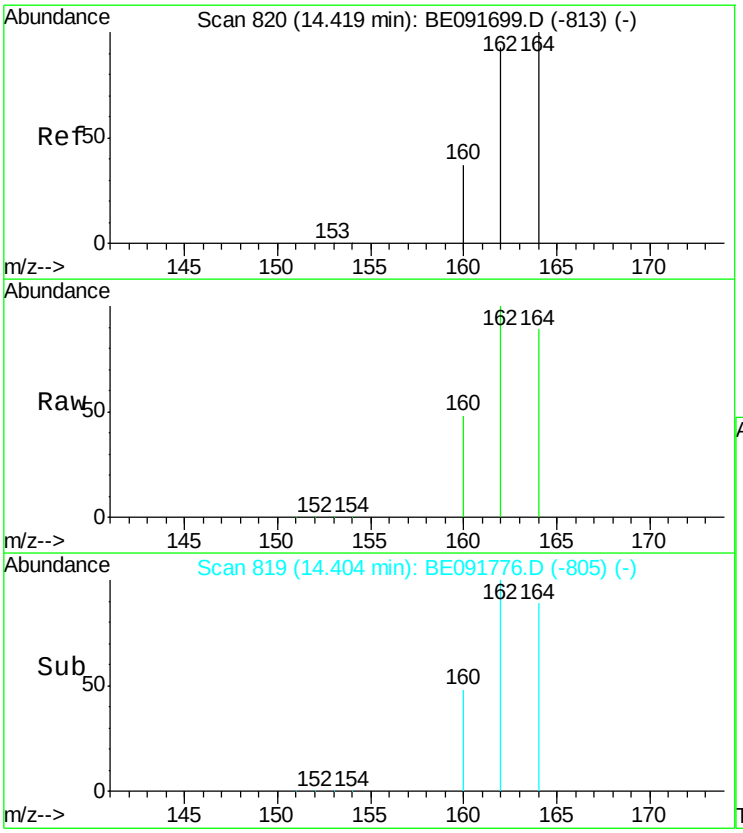
#8
Nitrobenzene-d5
Concen: 2.72 ng
RT: 8.95 min Scan# 391
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion: 82 Resp: 40732

Ion	Ratio	Lower	Upper
82	100		
128	32.9	25.4	38.0
54	56.6	48.4	72.6

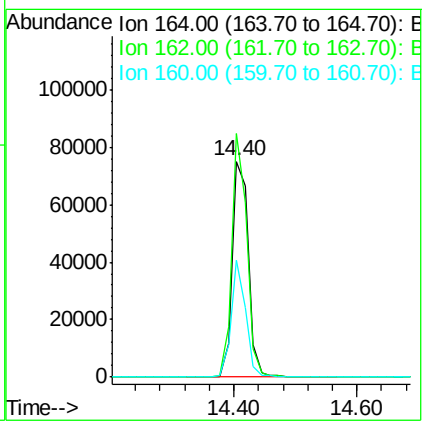


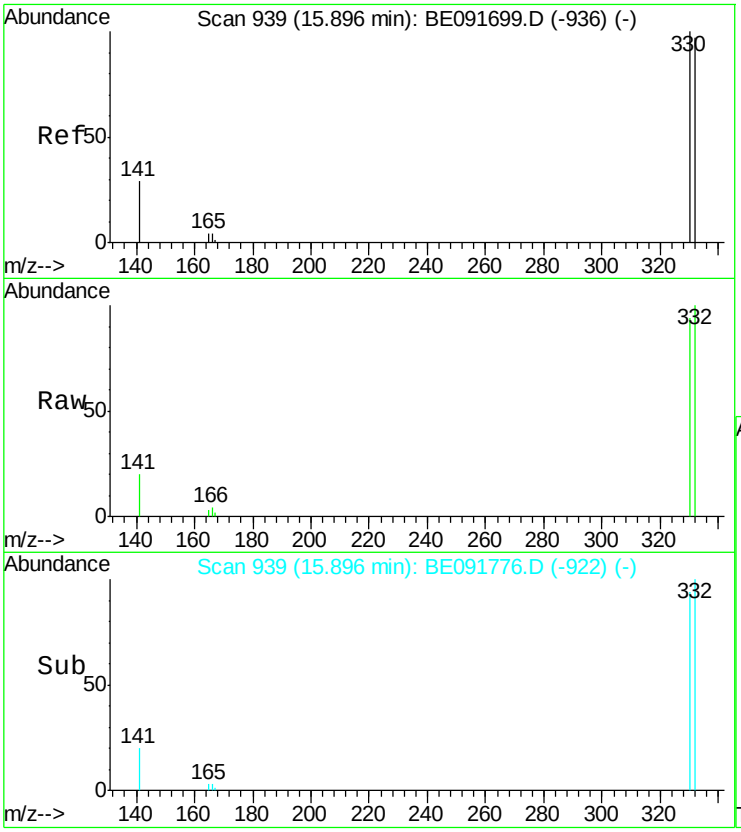


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Tgt Ion:164 Resp: 135937

Ion	Ratio	Lower	Upper
164	100		
162	112.9	85.3	127.9
160	54.3	46.2	69.2



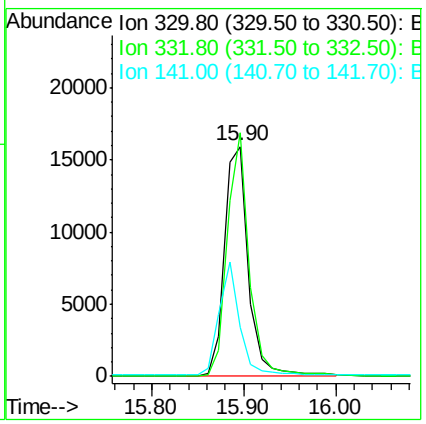


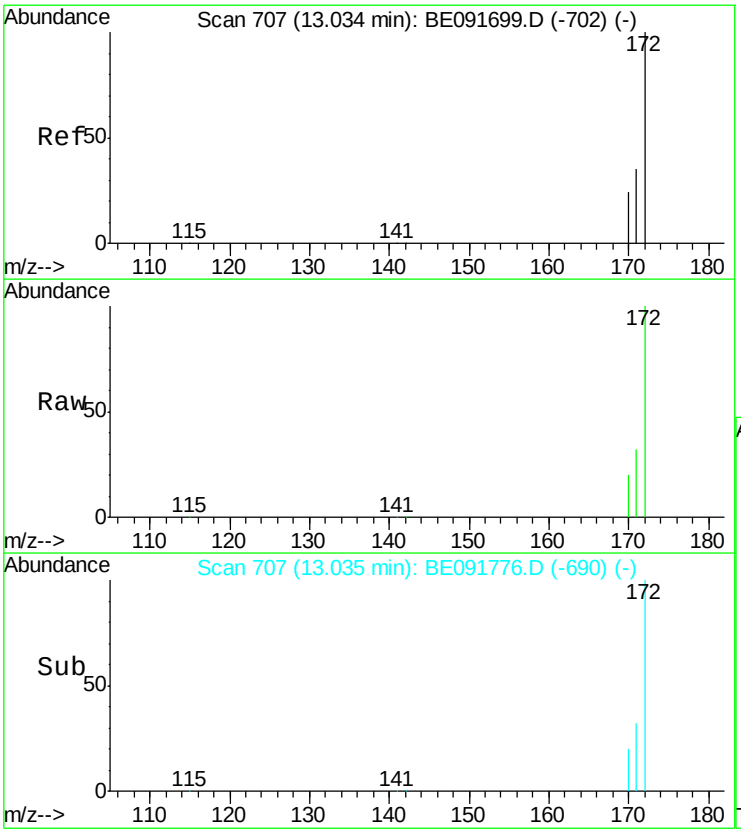
#14
2,4,6-Tribromophenol
Concen: 5.72 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion:330 Resp: 28715

Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.1	118.7
141	42.5	125.4	188.0#

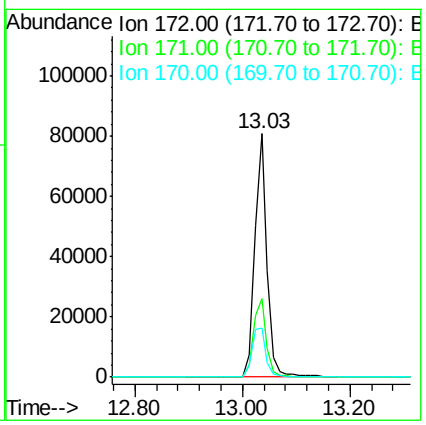


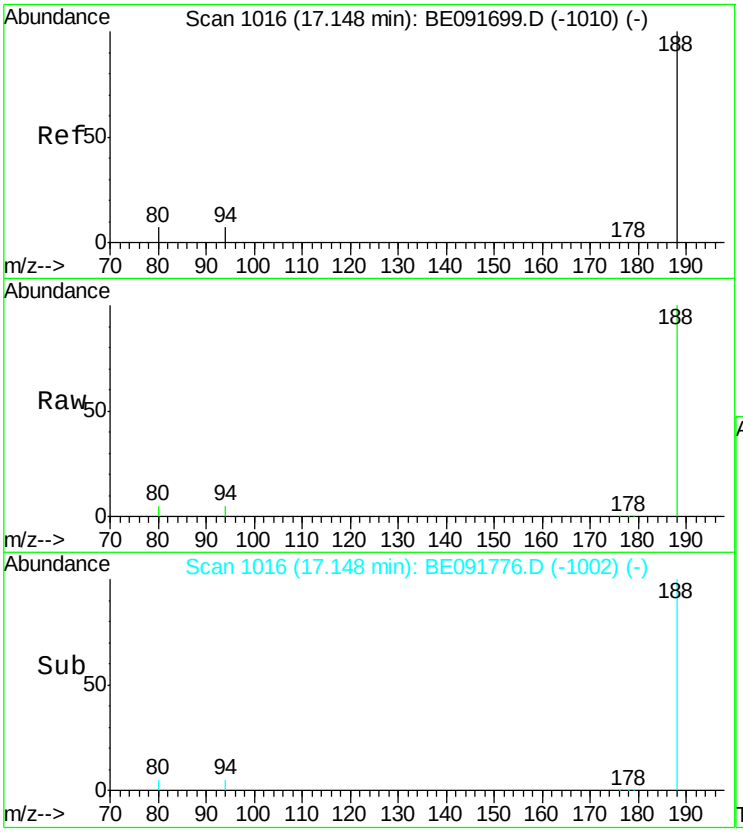


#15
2-Fluorobiphenyl
Concen: 3.37 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Tgt Ion:172 Resp: 129739

Ion	Ratio	Lower	Upper
172	100		
171	32.4	28.8	43.2
170	20.3	19.3	28.9



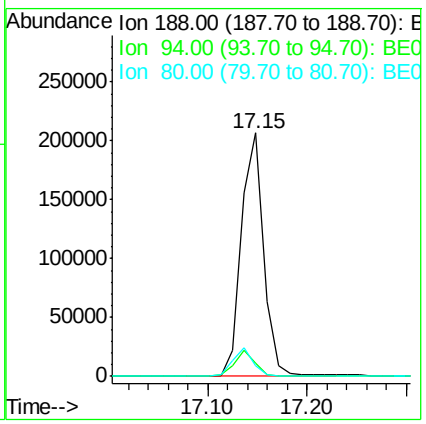


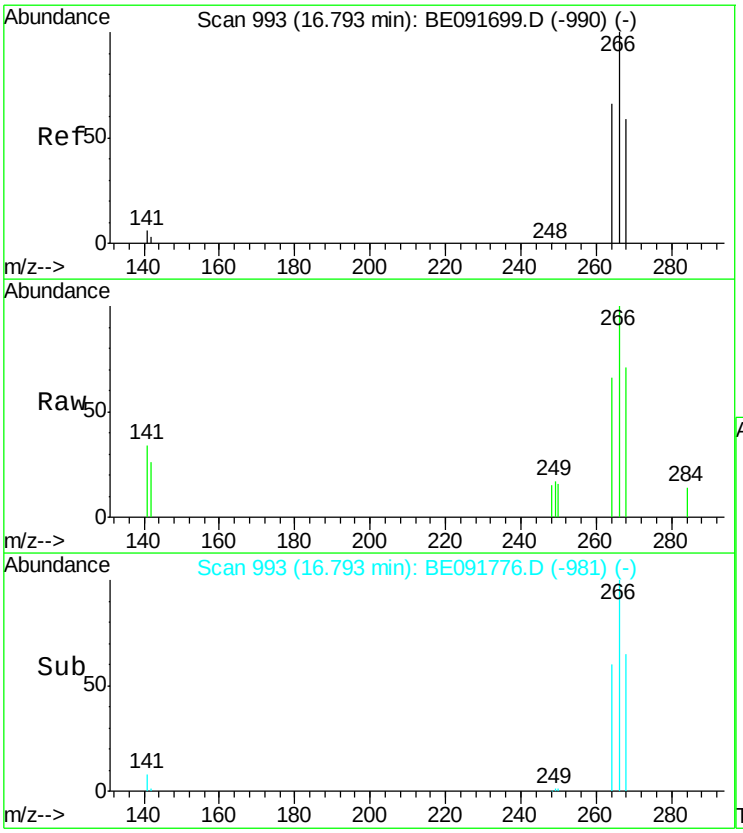
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion:188 Resp: 323669

Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	4.6	9.4	14.0#

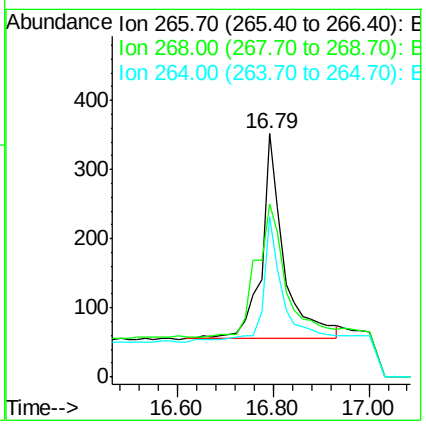


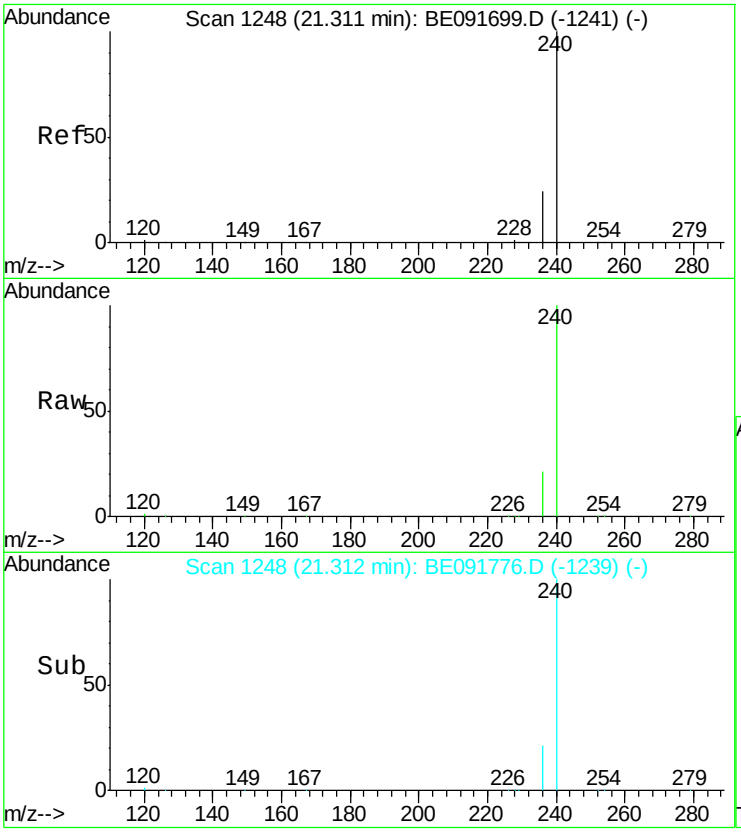


#22
Pentachlorophenol
Concen: 0.25 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Tgt Ion:266 Resp: 981

Ion	Ratio	Lower	Upper
266	100		
268	71.3	58.2	87.2
264	65.6	56.2	84.4



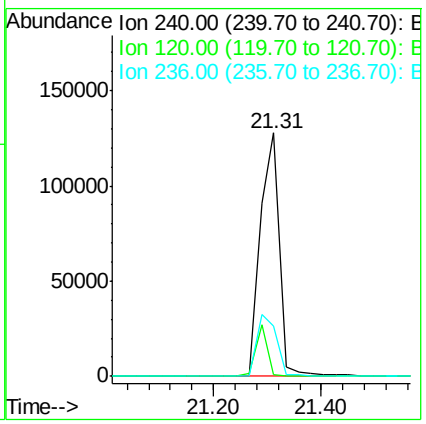


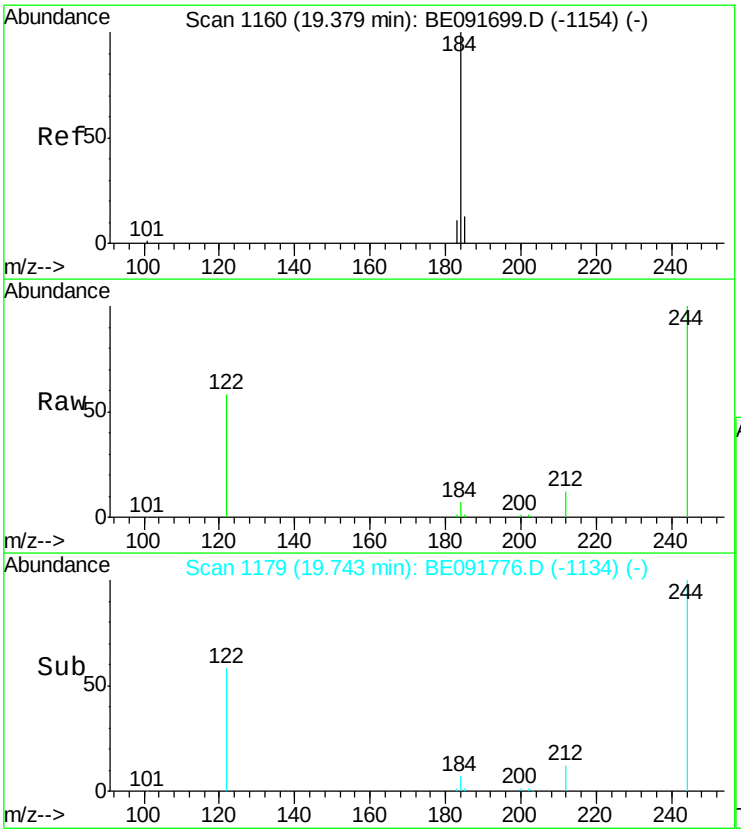
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion:240 Resp: 315078

Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	20.6	21.7	32.5#

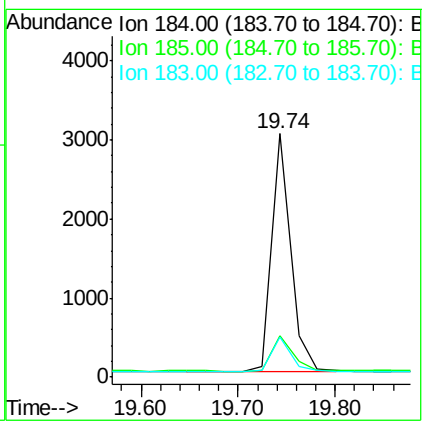


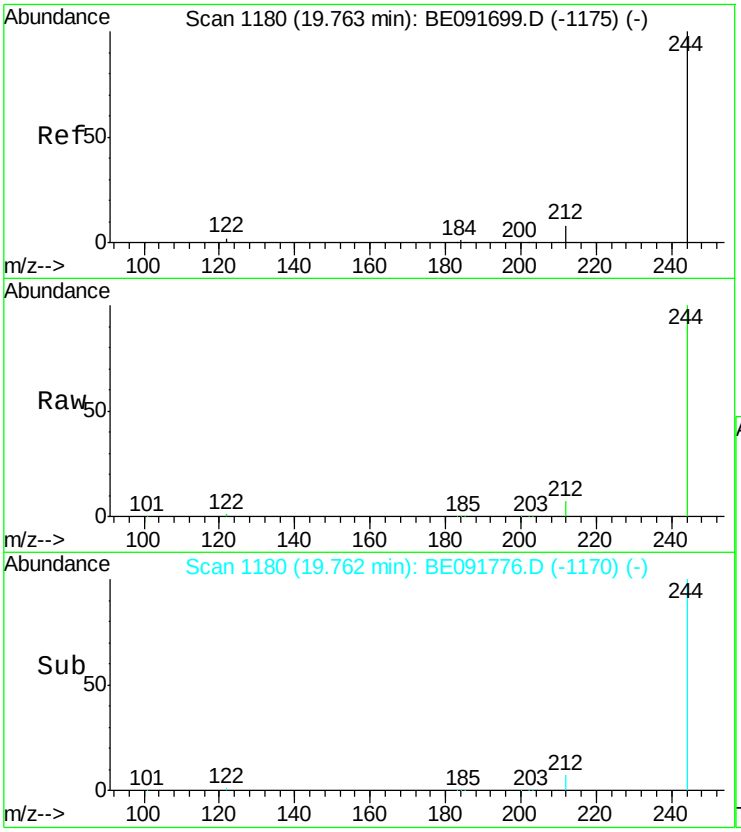


#27
Benzidine
Concen: 0.32 ng
RT: 19.74 min Scan# 1179
Delta R.T. 0.37 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Tgt Ion:184 Resp: 4134

Ion	Ratio	Lower	Upper
184	100		
185	17.1	22.3	33.5#
183	16.3	16.4	24.6#



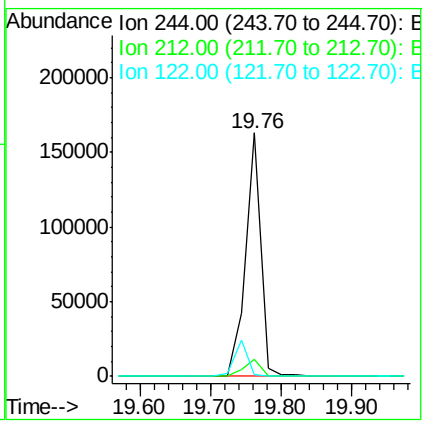


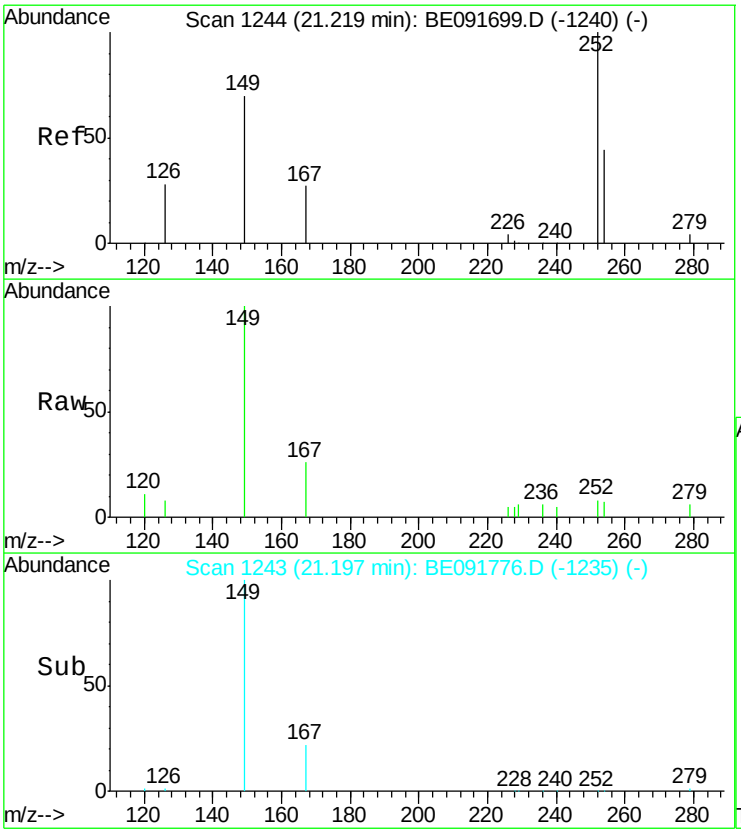
#29
Terphenyl-d14
Concen: 5.00 ng
RT: 19.76 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion:244 Resp: 245781

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.9	10.3
122	0.9	11.0	16.4#

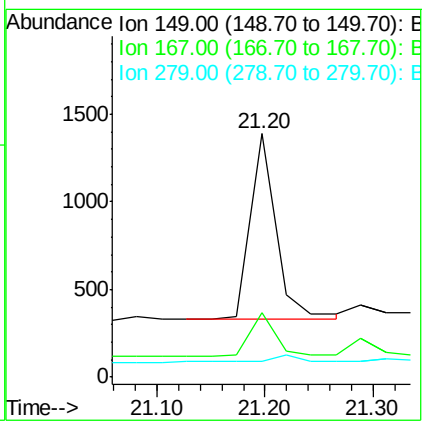


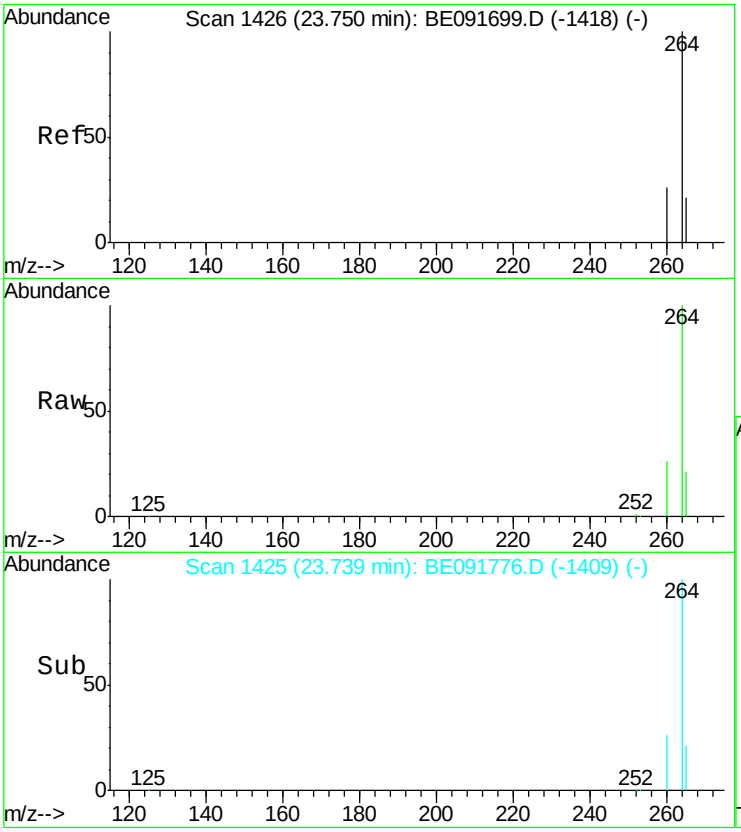


#33
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 21.20 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Tgt Ion:149 Resp: 1797

Ion	Ratio	Lower	Upper
149	100		
167	23.5	19.5	29.3
279	0.0	10.0	15.0#





#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE091776.D
Acq: 16 May 2016 16:37

Instrument :
BNA_E
ClientSampleId :
LF017MW003-160512

Tgt Ion:264 Resp: 321207

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.0	30.0
265	21.2	17.5	26.3