Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103116\
Data File : BE092484.D
Acq On : 31 Oct 2016 17:51
Operator : UM/SJ
Sample : H5473-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : WOOLSTON-TS-003

Quant Time: Nov 01 11:09:59 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 15:25:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11315	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	52395	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	32779	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	64634	5.00	ng		-0.02
24) Chrysene-d12	21.75	240	93032	5.00	ng		0.00
31) Perylene-d12	24.11	264	79388	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	25072	11.87	ng		-0.02
5) Phenol-d6	7.34	99	34140	10.75	ng		-0.02
8) Nitrobenzene-d5	9.34	82	16029	4.32	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	9180	10.30	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	35168	4.40	ng		-0.01
26) Terphenyl-d14	20.17	244	45695	3.97	ng		-0.02
Target Compounds							Qvalue
20) Pentachlorophenol	17.23	266	163	0.45	ng		94
29) Bis(2-ethylhexyl)phthalate	21.63	149	5610	0.75	ng	#	73

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

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Misc :
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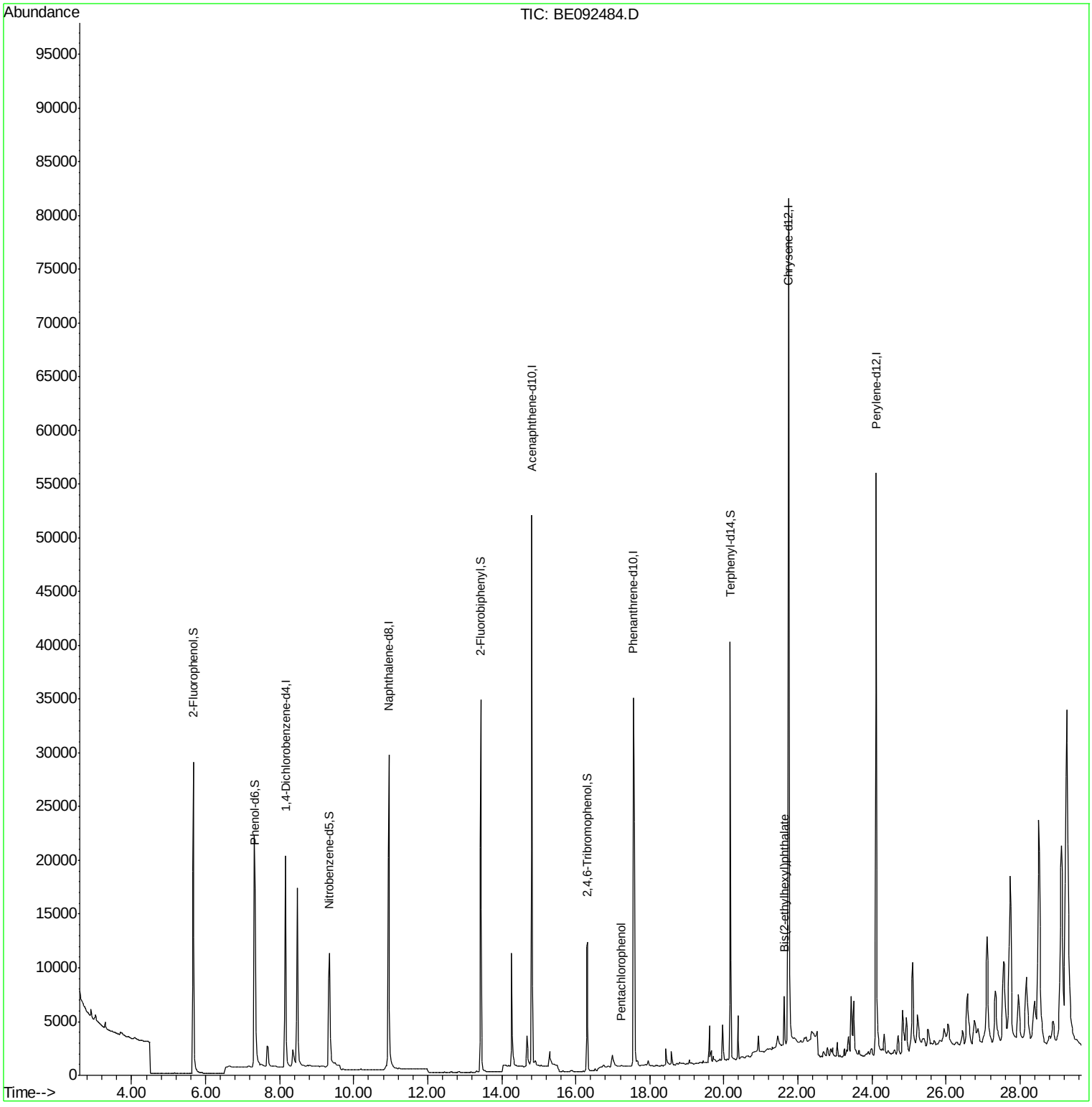
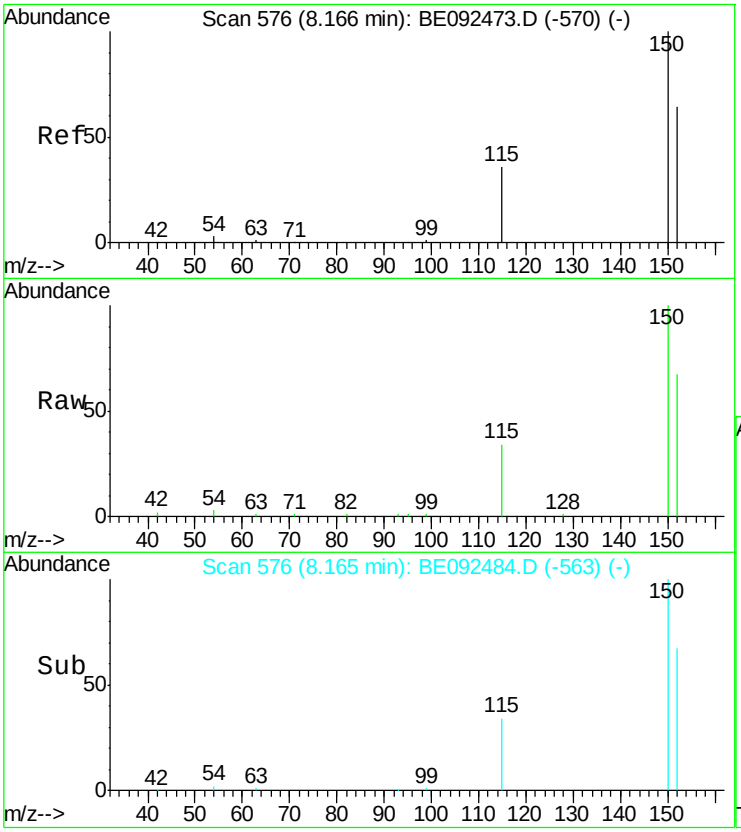


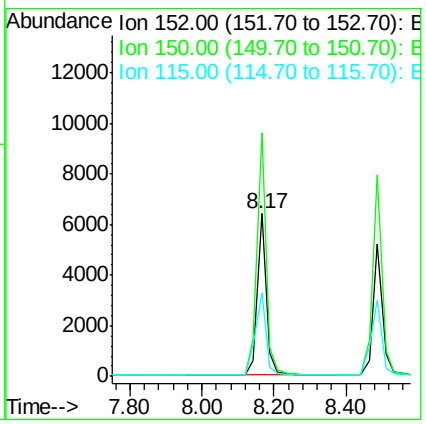


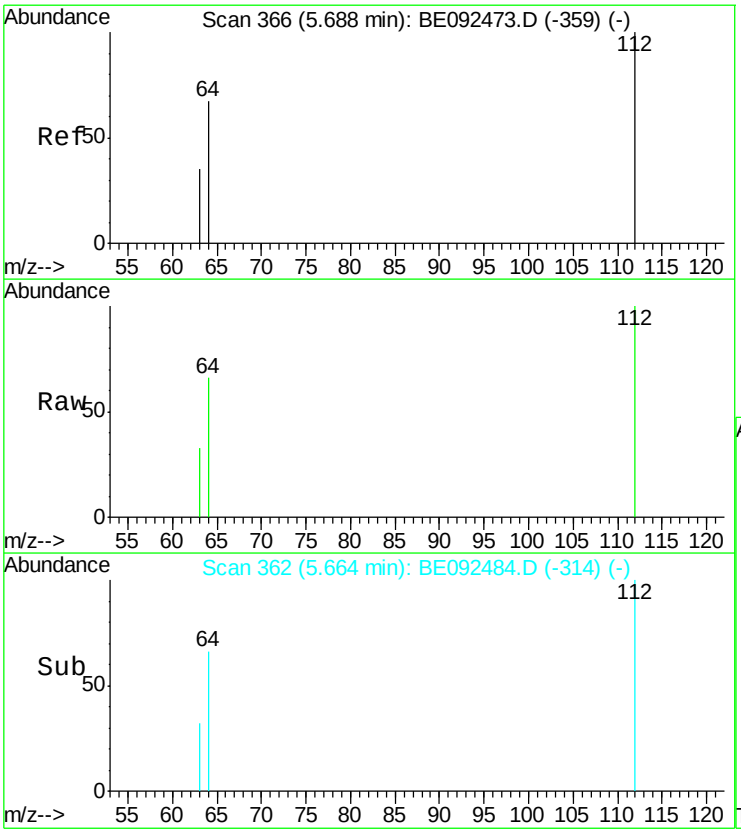
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Instrument :
BNA_E
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion:152 Resp: 11315

Ion	Ratio	Lower	Upper
152	100		
150	149.6	106.0	159.0
115	51.5	31.2	46.8#

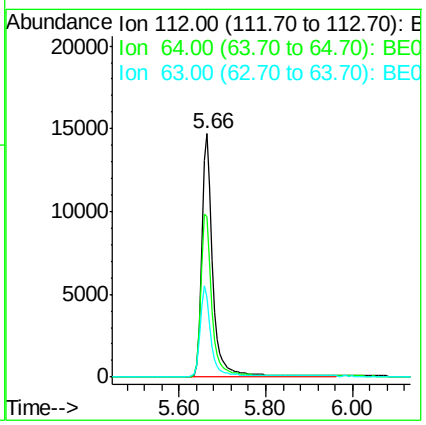


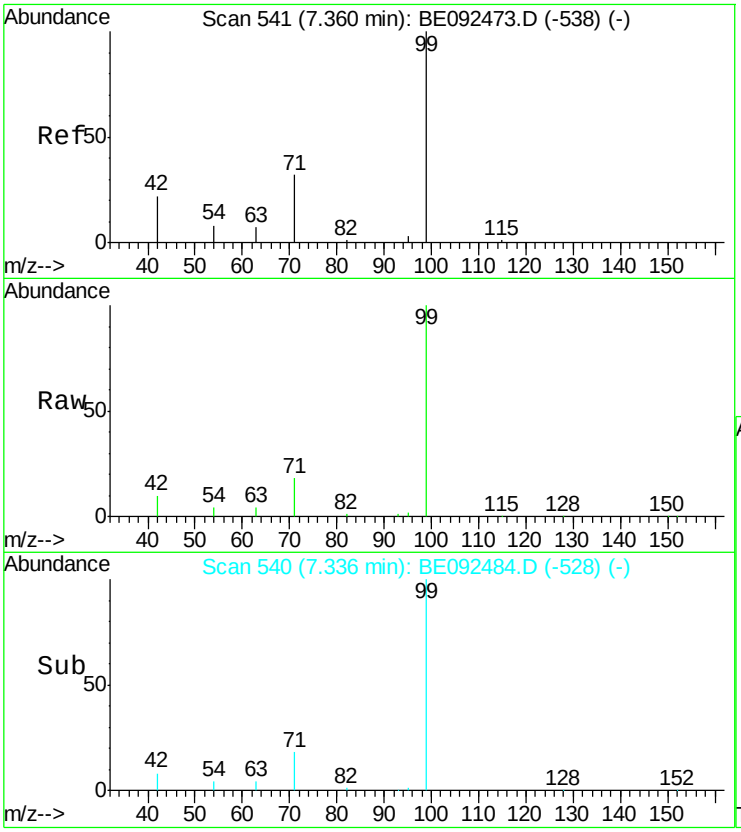


#4
2-Fluorophenol
Concen: 11.87 ng
RT: 5.66 min Scan# 362
Delta R.T. -0.02 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Tgt Ion:112 Resp: 25072

Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.5	80.3
63	36.9	27.9	41.9



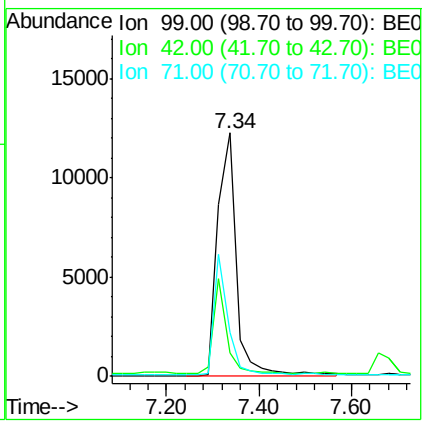


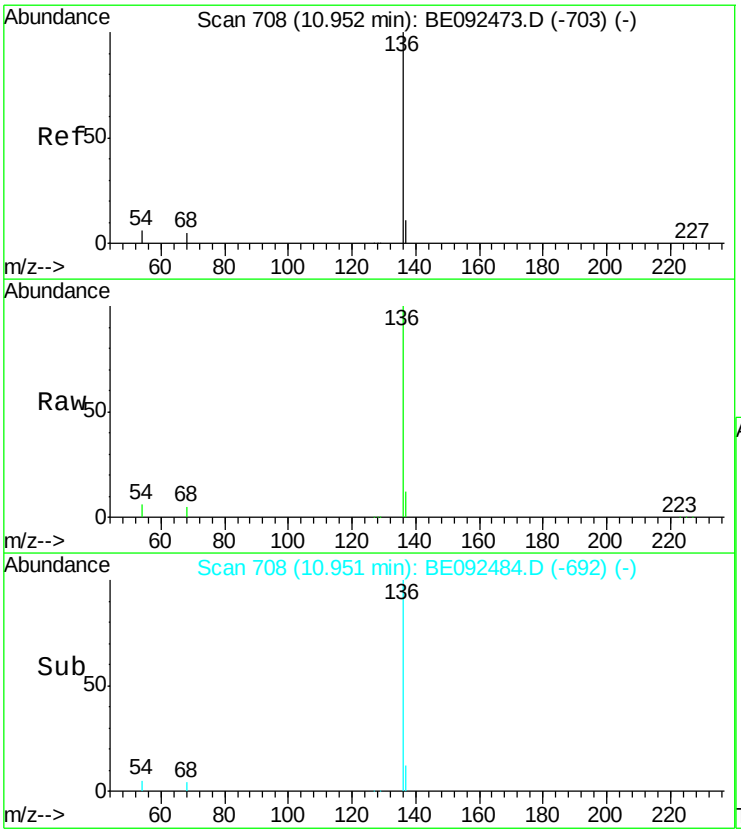
#5
Phenol-d6
Concen: 10.75 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Instrument :
BNA_E
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion: 99 Resp: 34140

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	0.0	30.6	45.8#

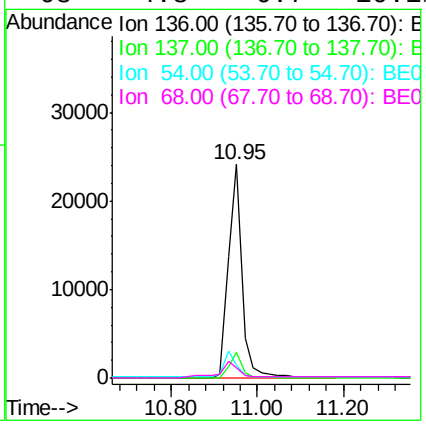


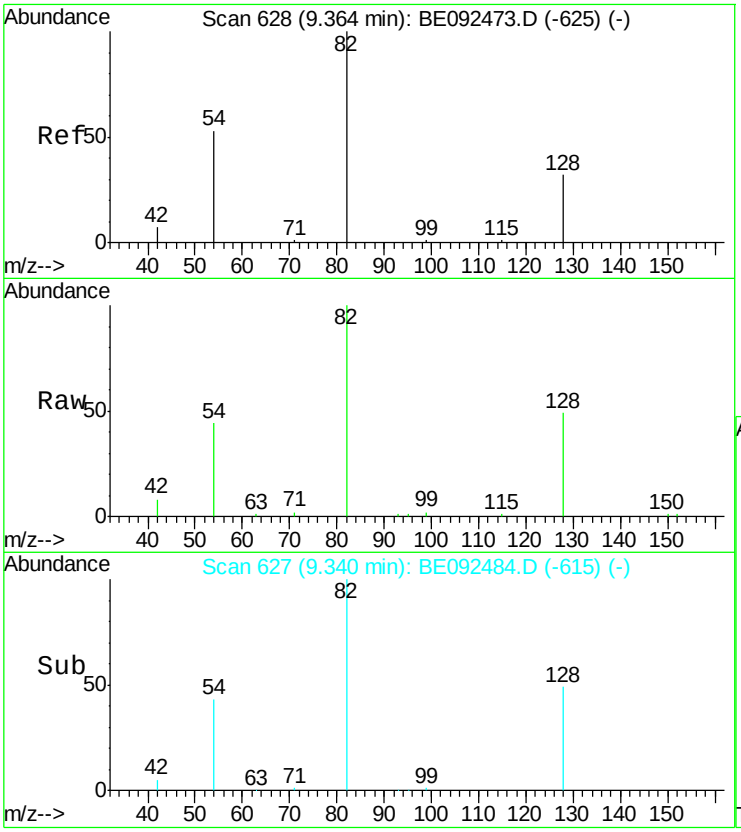


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Tgt Ion:136 Resp: 52395

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.4
54	5.7	9.6	14.4#
68	4.8	6.7	10.1#



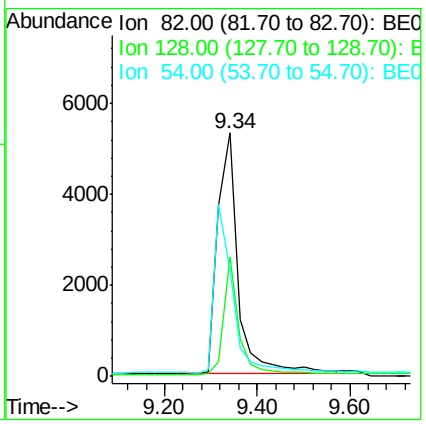


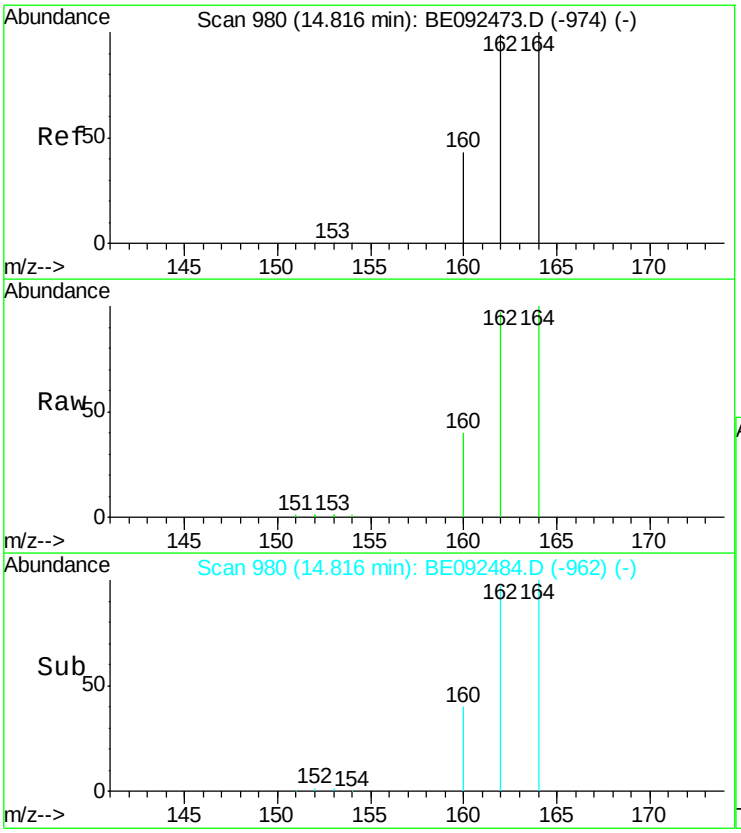
#8
Nitrobenzene-d5
Concen: 4.32 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Instrument :
BNA_E
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion: 82 Resp: 16029

Ion	Ratio	Lower	Upper
82	100		
128	48.9	39.0	58.4
54	44.0	44.8	67.2#

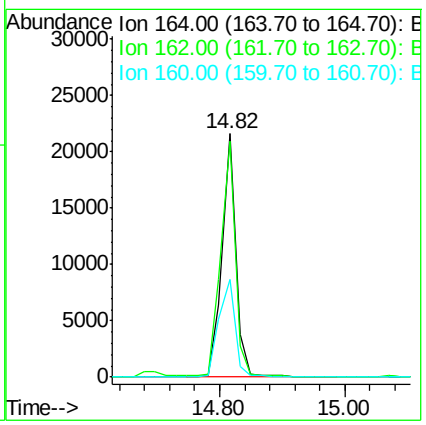


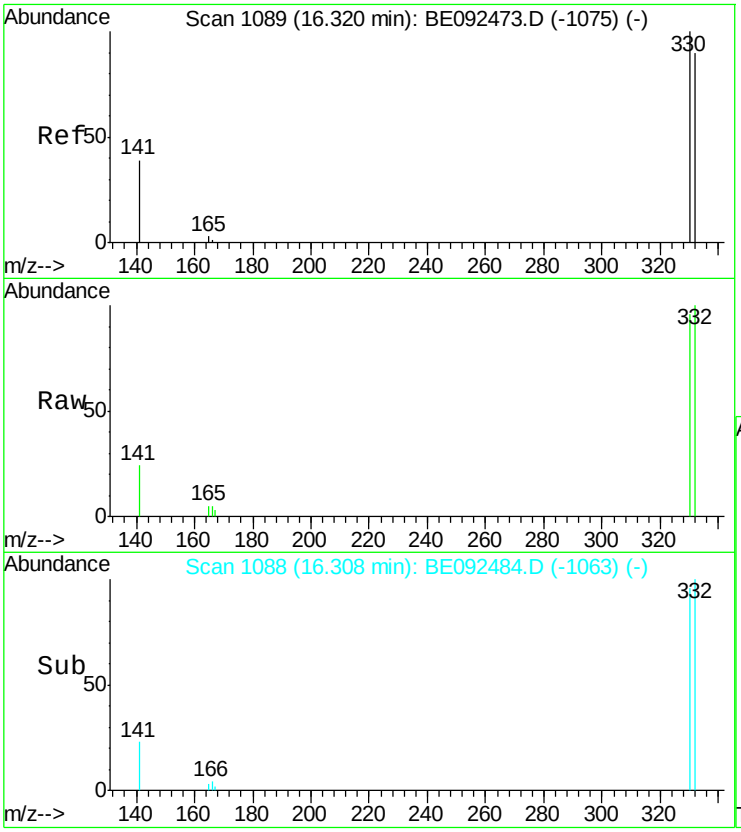


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Tgt Ion:164 Resp: 32779

Ion	Ratio	Lower	Upper
164	100		
162	97.2	71.4	107.0
160	39.9	27.4	41.2



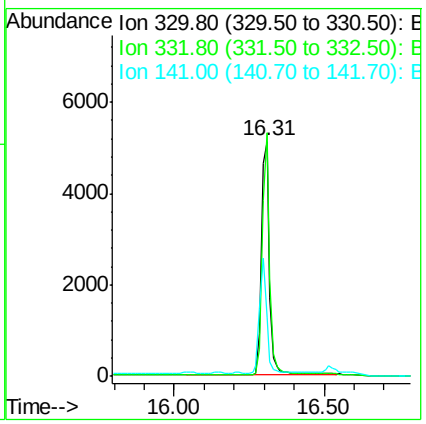


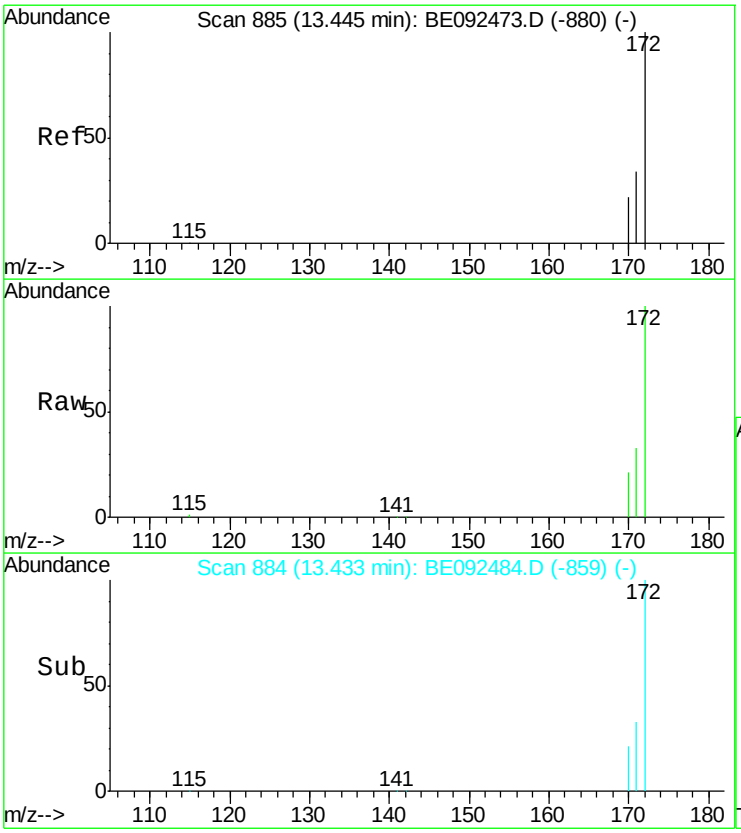
#13
2,4,6-Tribromophenol
Concen: 10.30 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Instrument :
BNA_E
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion:330 Resp: 9180

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	44.4	31.0	46.6

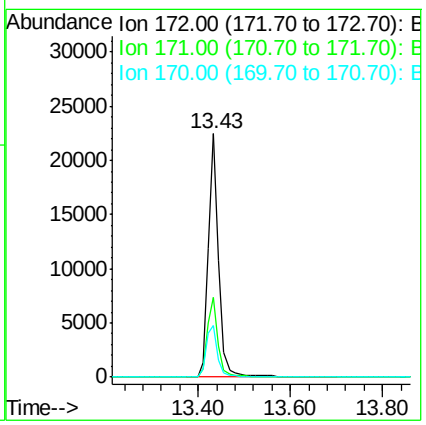


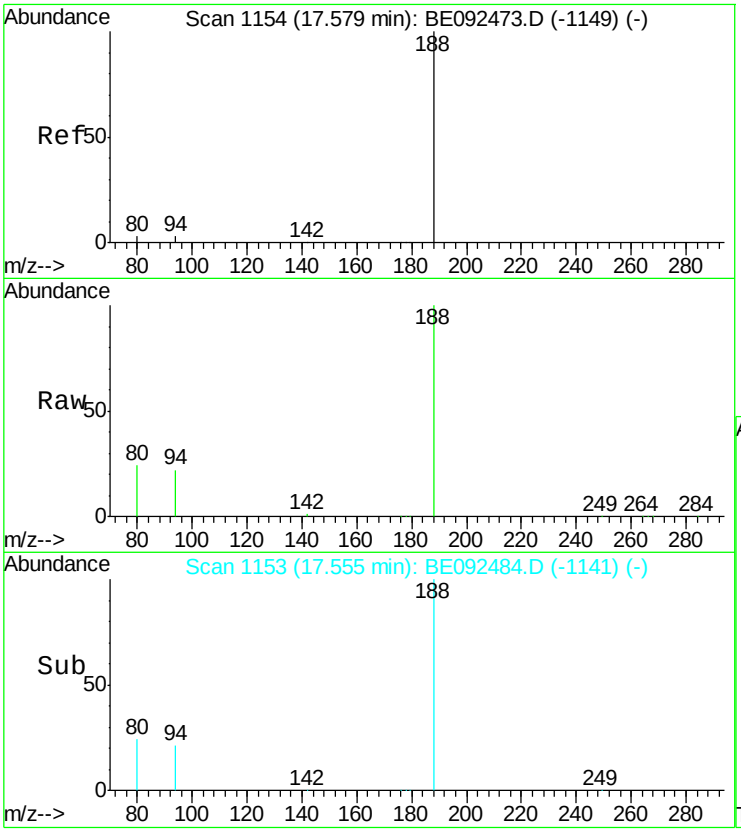


#14
2-Fluorobiphenyl
Concen: 4.40 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Tgt Ion:172 Resp: 35168

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.1	45.1
170	21.4	21.8	32.6#



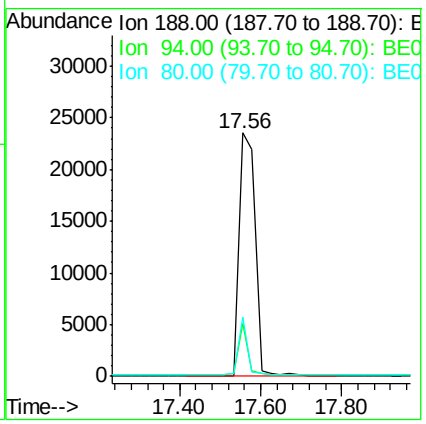


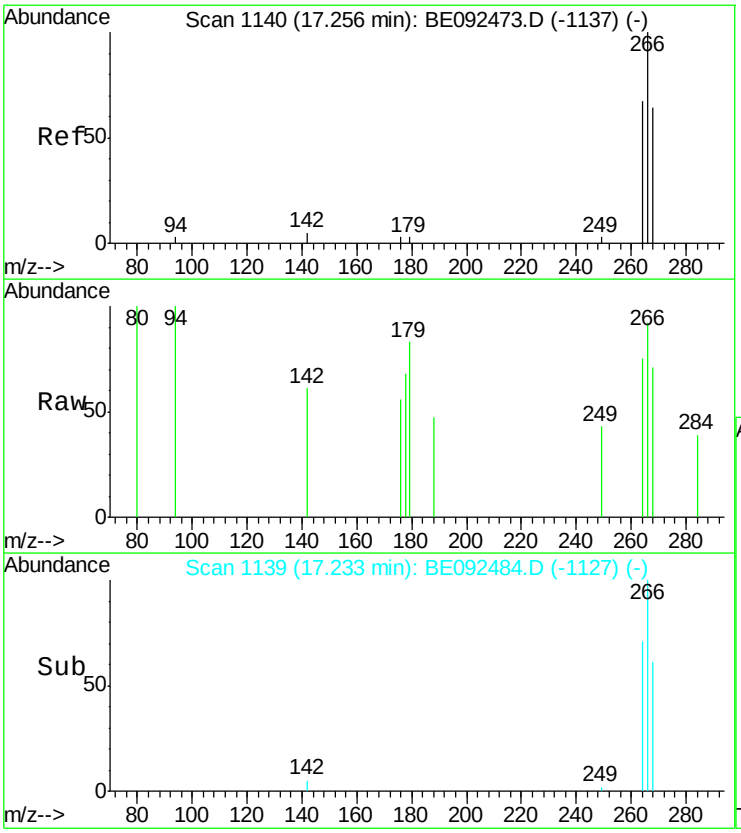
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Instrument :
BNA_E
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion:188 Resp: 64634

Ion	Ratio	Lower	Upper
188	100		
94	21.9	3.2	4.8#
80	24.4	2.6	3.8#

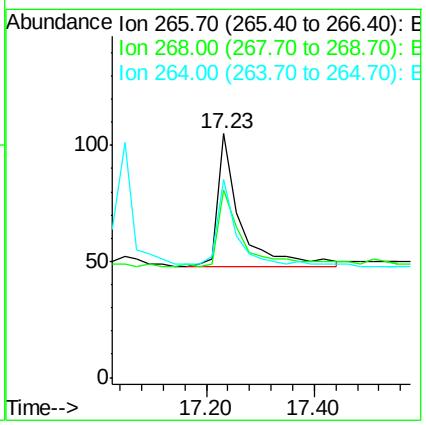


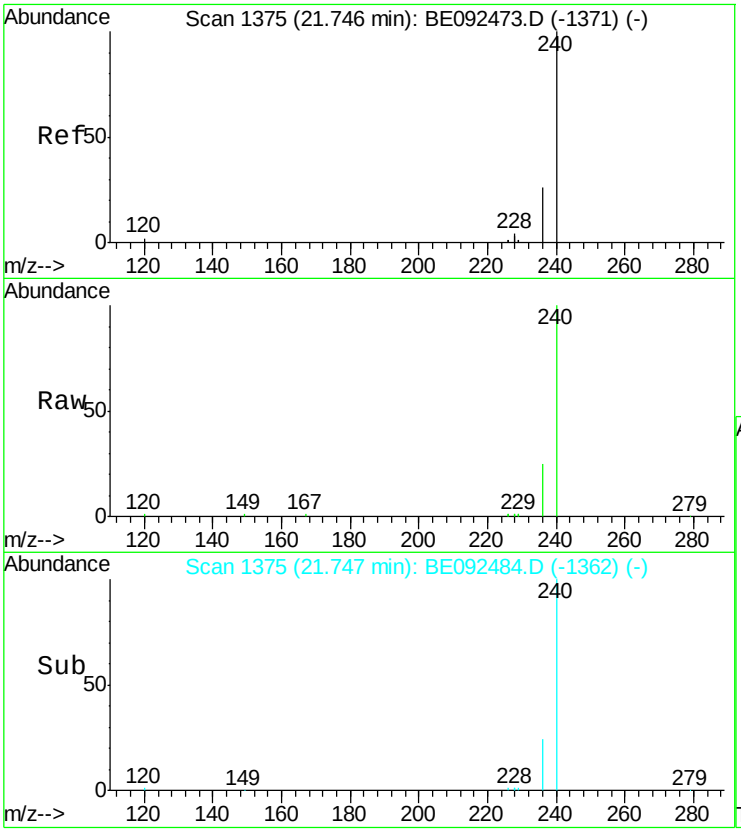


#20
Pentachlorophenol
Concen: 0.45 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Tgt Ion:266 Resp: 163

Ion	Ratio	Lower	Upper
266	100		
268	77.1	62.5	93.7
264	81.0	57.2	85.8



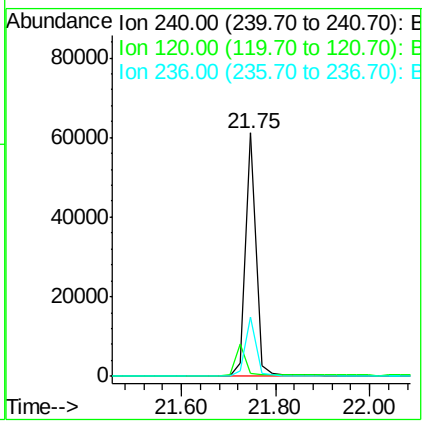


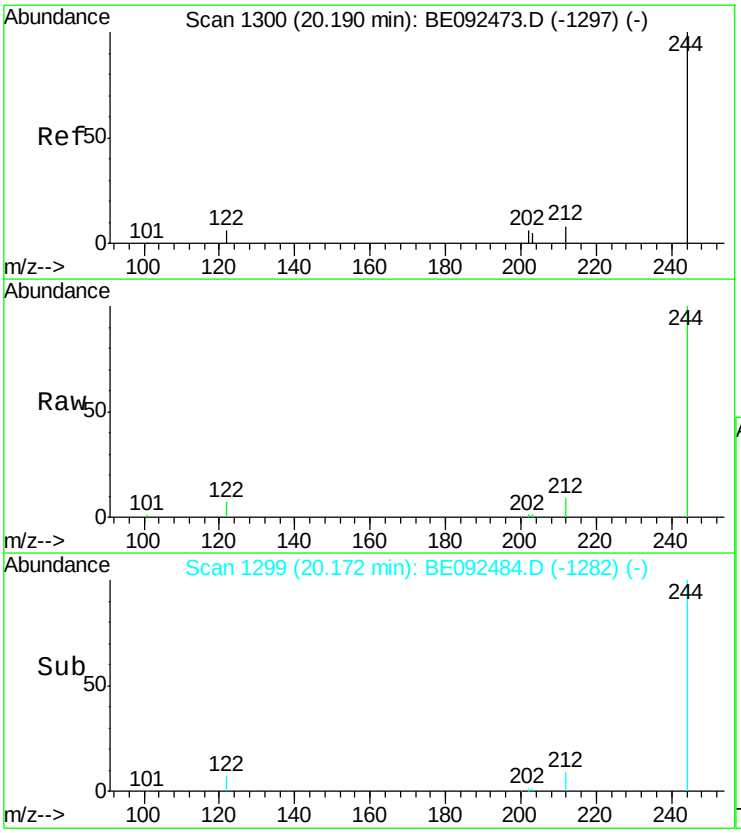
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Instrument :
BNA_E
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion:240 Resp: 93032

Ion	Ratio	Lower	Upper
240	100		
120	1.3	2.6	4.0#
236	24.5	24.6	37.0#

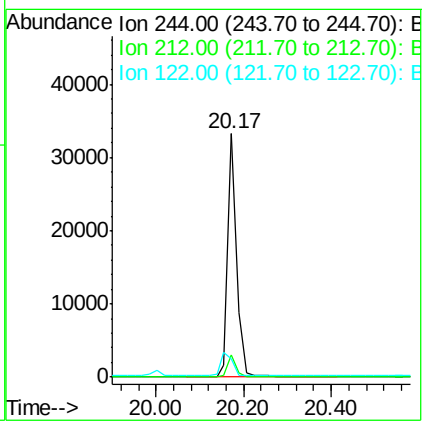


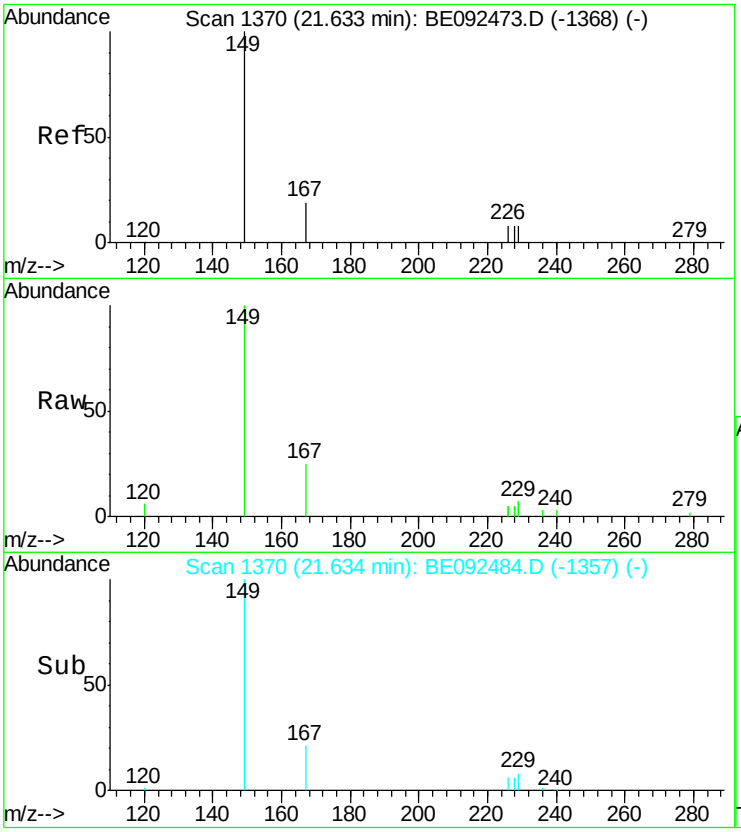


#26
Terphenyl-d14
Concen: 3.97 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Tgt Ion:244 Resp: 45695

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.7	10.1
122	7.4	3.6	5.4#



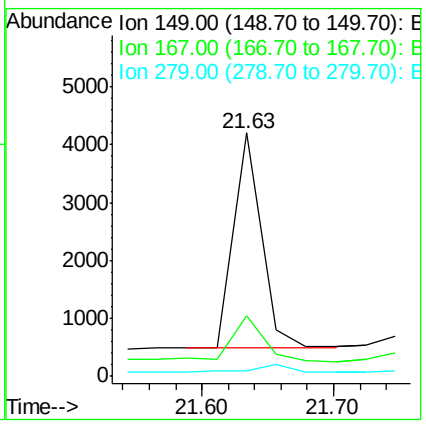


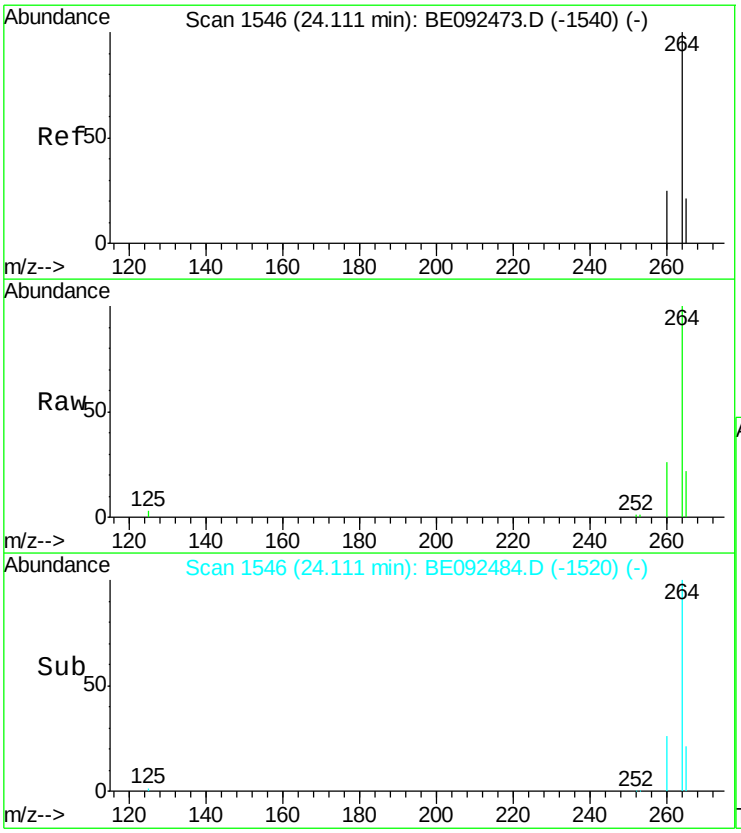
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.75 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Instrument :
BNA_E
ClientSampleId :
WOOLSTON-TS-003

Tgt Ion:149 Resp: 5610

Ion	Ratio	Lower	Upper
149	100		
167	24.5	16.0	24.0#
279	0.0	16.0	24.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.11 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BE092484.D
Acq: 31 Oct 2016 17:51

Tgt Ion:264 Resp: 79388

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.1	30.1
265	21.8	17.9	26.9