Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092019.D
Acq On : 22 Jul 2016 23:21
Operator : UM/SJ
Sample : H4120-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : GW-07-6.0-15.0

Quant Time: Jul 23 02:05:47 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration

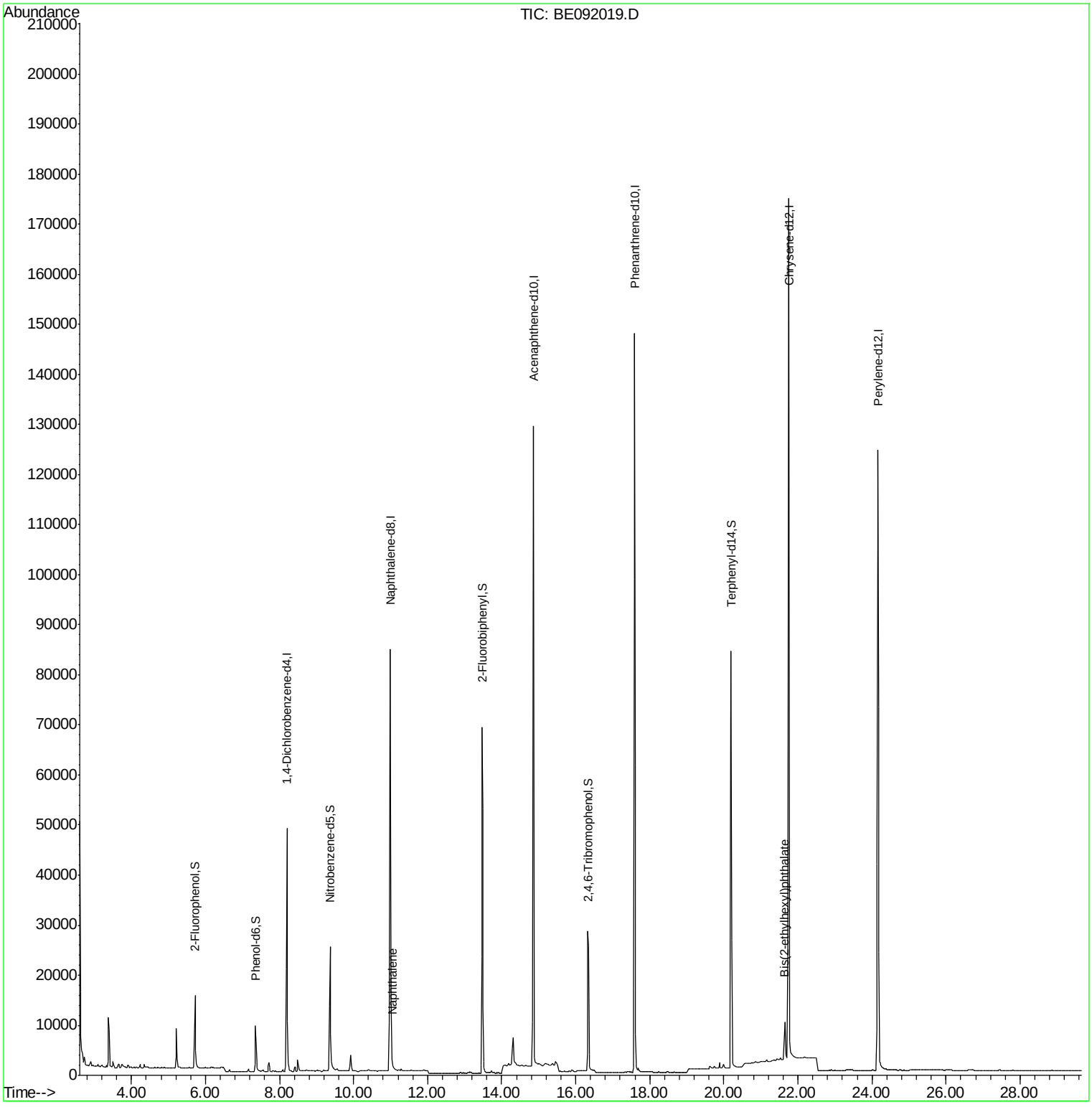
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	25943	5.00	ng	0.00
8) Naphthalene-d8	11.00	136	130363	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	84705	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	192247	5.00	ng	0.00
31) Chrysene-d12	21.76	240	248249	5.00	ng	0.00
40) Perylene-d12	24.16	264	185483	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	13741	2.73	ng	0.00
5) Phenol-d6	7.35	99	13005	1.55	ng	-0.02
9) Nitrobenzene-d5	9.37	82	25807	3.29	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	16517	5.67	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	72909	3.27	ng	-0.01
34) Terphenyl-d14	20.20	244	125215	5.02	ng	-0.02
Target Compounds						Qvalue
12) Naphthalene	11.05	128	1648	0.06	ng	# 71
38) Bis(2-ethylhexyl)phthalate	21.64	149	13842	0.35	ng	# 100

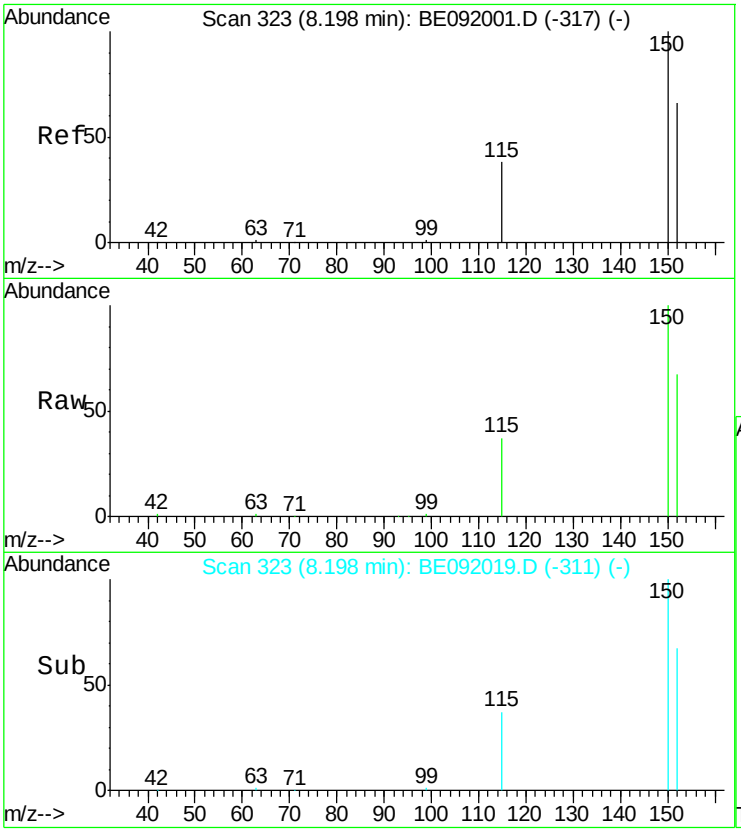
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092019.D
Acq On : 22 Jul 2016 23:21
Operator : UM/SJ
Sample : H4120-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Quant Time: Jul 23 02:05:47 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration



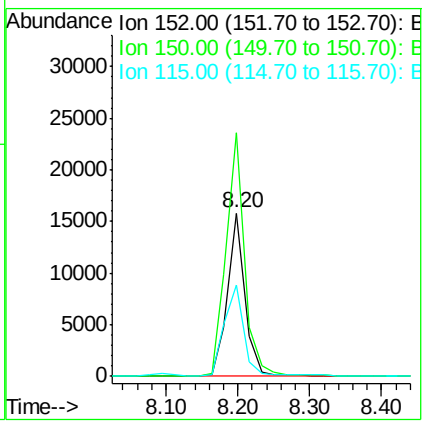


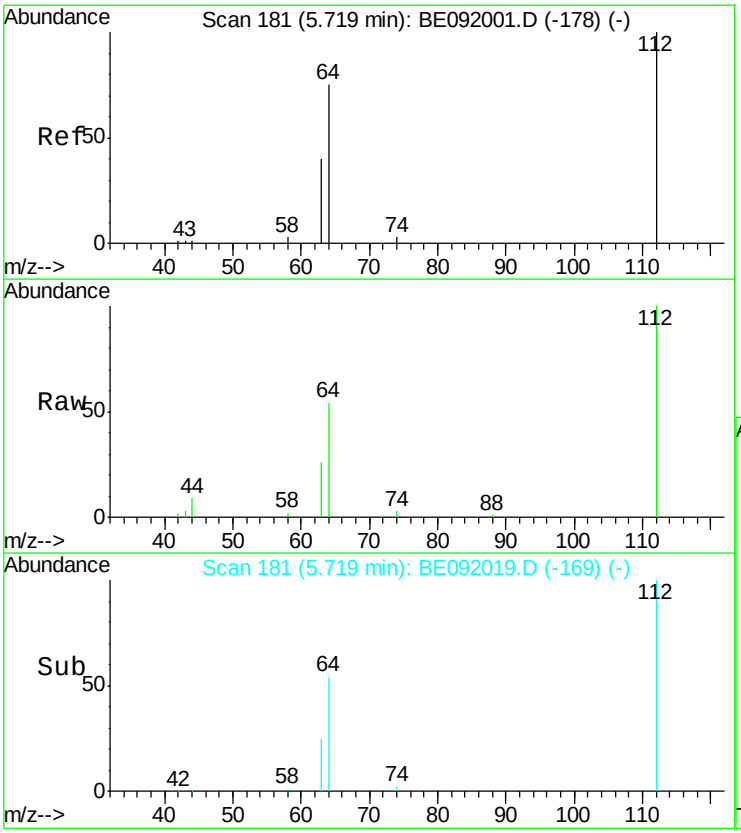
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Tgt Ion:152 Resp: 25943

Ion	Ratio	Lower	Upper
152	100		
150	149.3	123.9	185.9
115	55.7	48.3	72.5

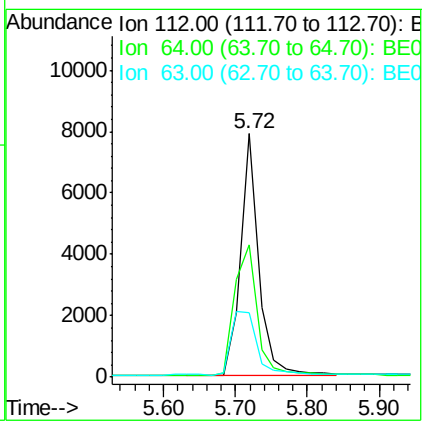


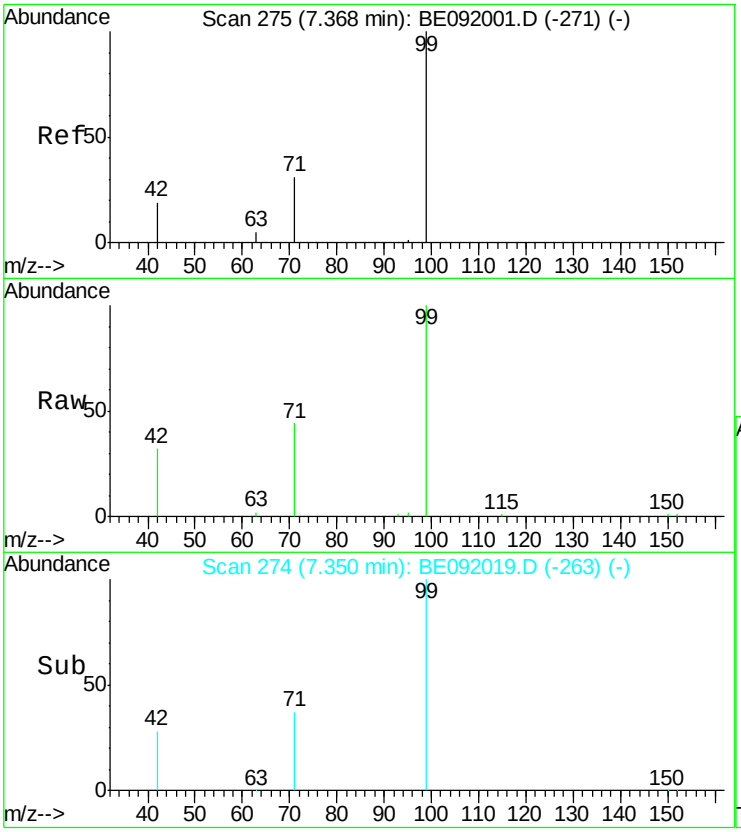


#4
2-Fluorophenol
Concen: 2.73 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Tgt Ion:112 Resp: 13741

Ion	Ratio	Lower	Upper
112	100		
64	67.5	53.7	80.5
63	37.1	29.5	44.3



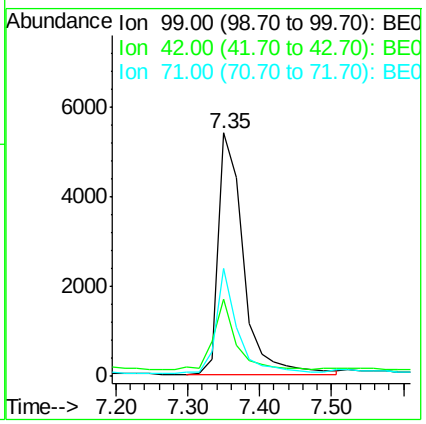


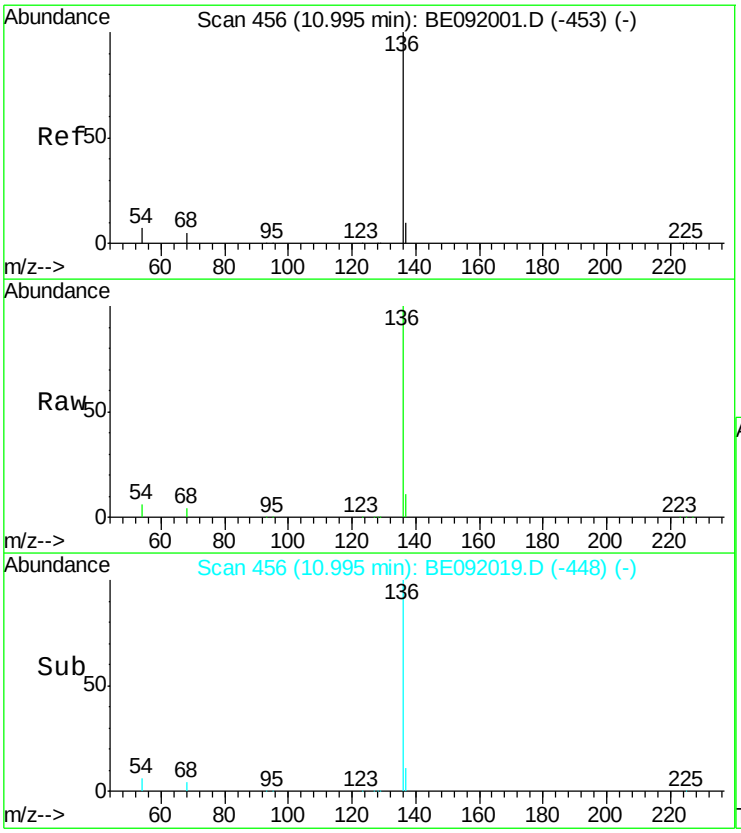
#5
Phenol-d6
Concen: 1.55 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Tgt Ion: 99 Resp: 13005

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.6	29.4
71	38.2	28.1	42.1

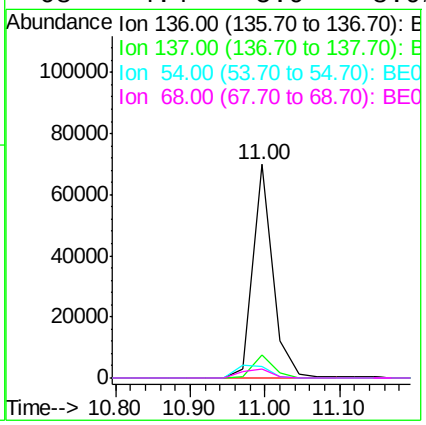


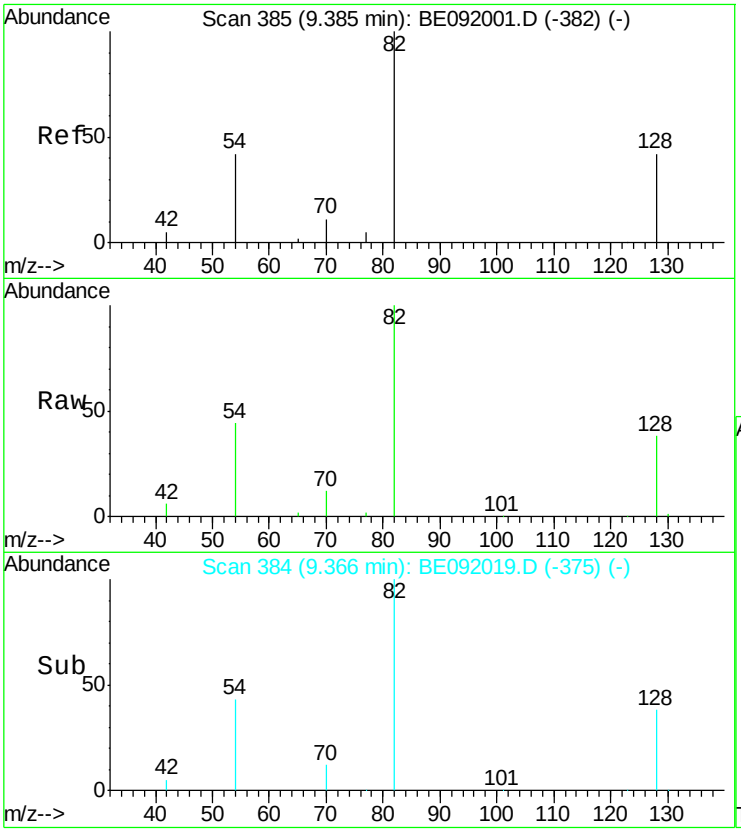


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 11.00 min Scan# 456
Delta R.T. 0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Tgt Ion:136 Resp: 130363

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	5.7	8.2	12.4#
68	4.4	5.9	8.9#



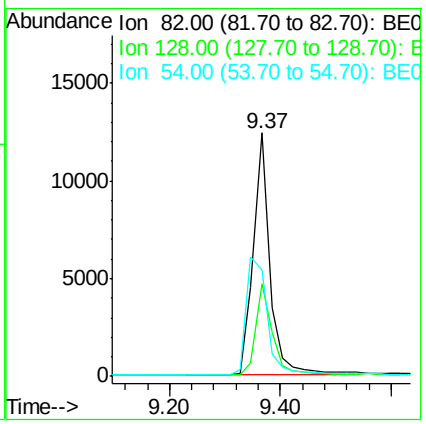


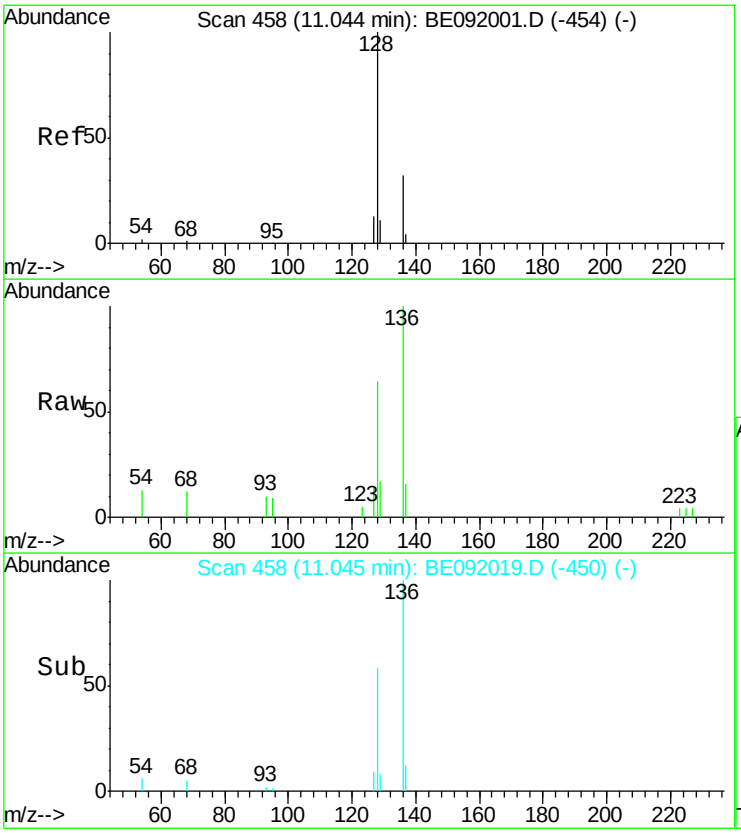
#9
Nitrobenzene-d5
Concen: 3.29 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Tgt Ion: 82 Resp: 25807

Ion	Ratio	Lower	Upper
82	100		
128	38.0	39.5	59.3#
54	43.8	30.3	45.5

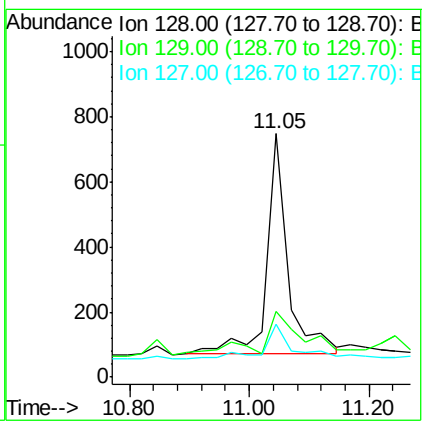


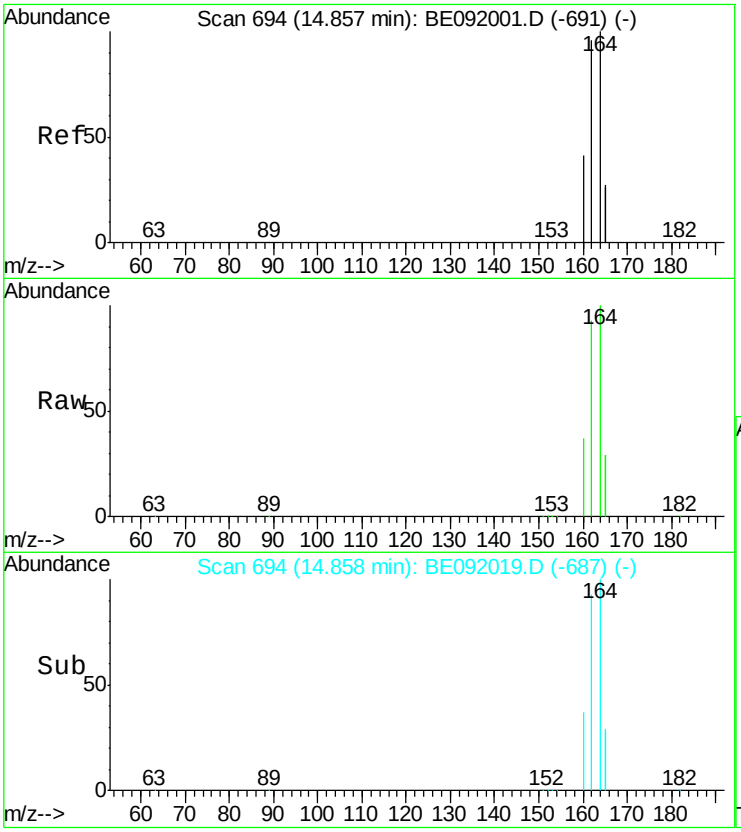


#12
Naphthalene
Concen: 0.06 ng
RT: 11.05 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Tgt Ion:128 Resp: 1648

Ion	Ratio	Lower	Upper
128	100		
129	27.0	10.4	15.6#
127	21.7	10.2	15.2#



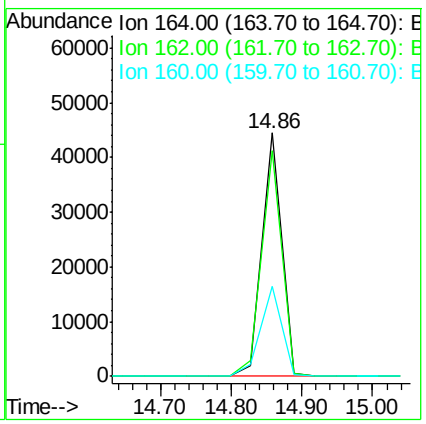


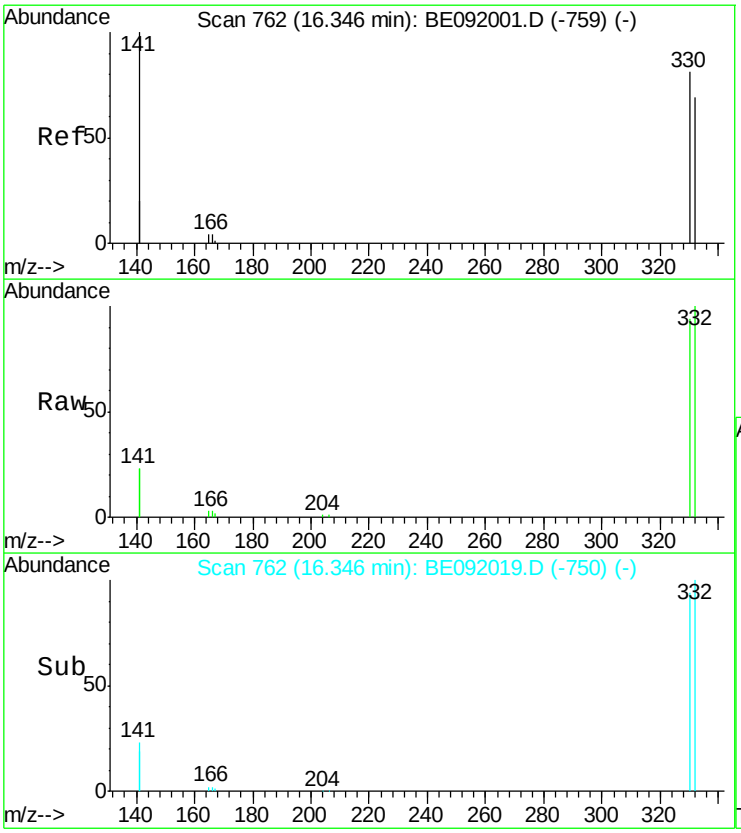
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Tgt Ion:164 Resp: 84705

Ion	Ratio	Lower	Upper
164	100		
162	92.5	71.8	107.8
160	37.0	28.0	42.0

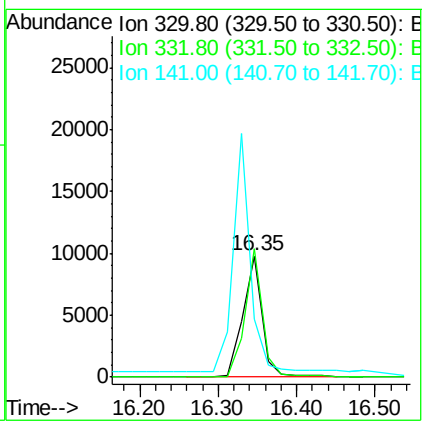


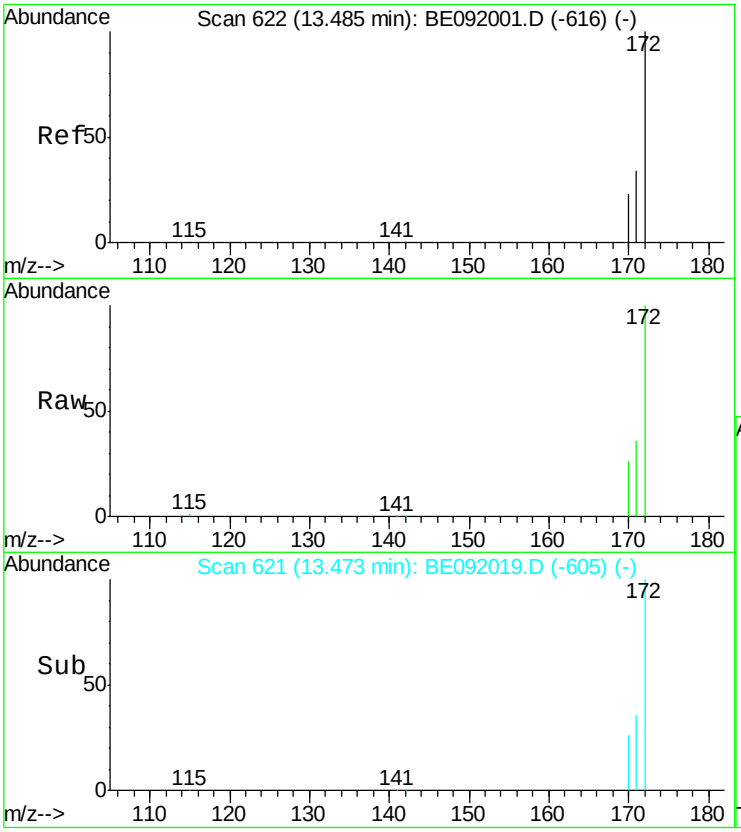


#16
2,4,6-Tribromophenol
Concen: 5.67 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Tgt Ion:330 Resp: 16517

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	175.1	138.4	207.6



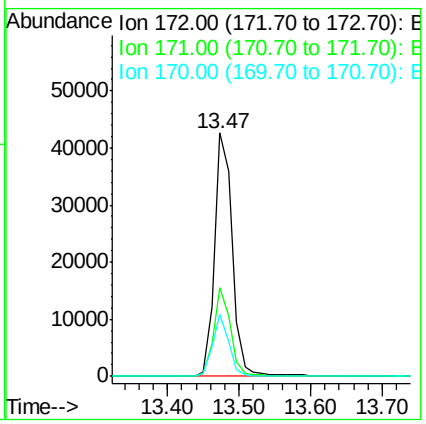


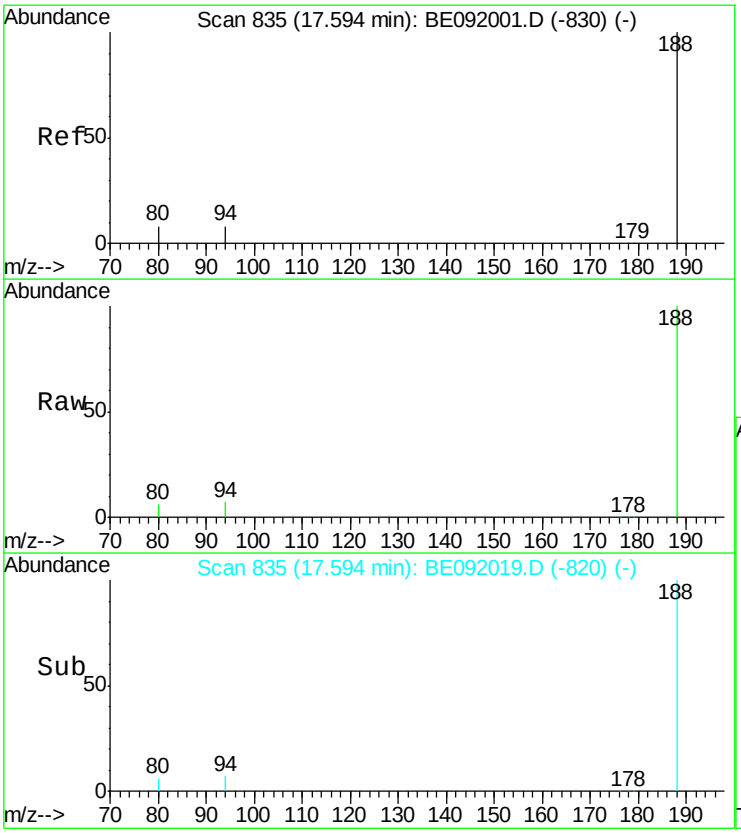
#17
2-Fluorobiphenyl
Concen: 3.27 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Tgt Ion:172 Resp: 72909

Ion	Ratio	Lower	Upper
172	100		
171	36.4	24.3	36.5
170	25.7	14.9	22.3#

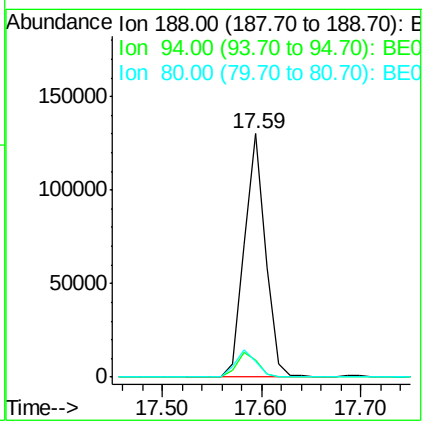


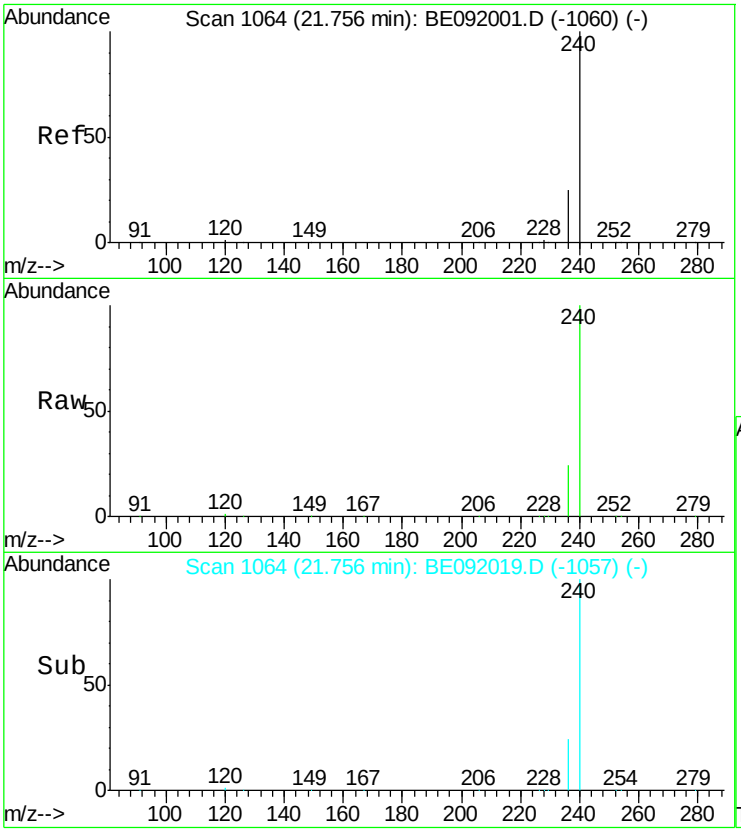


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Tgt Ion:188 Resp: 192247

Ion	Ratio	Lower	Upper
188	100		
94	7.1	4.1	6.1#
80	6.4	3.4	5.2#



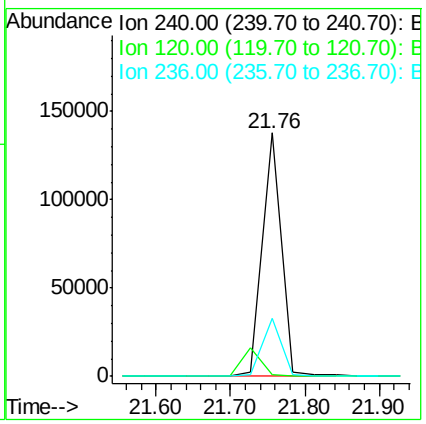


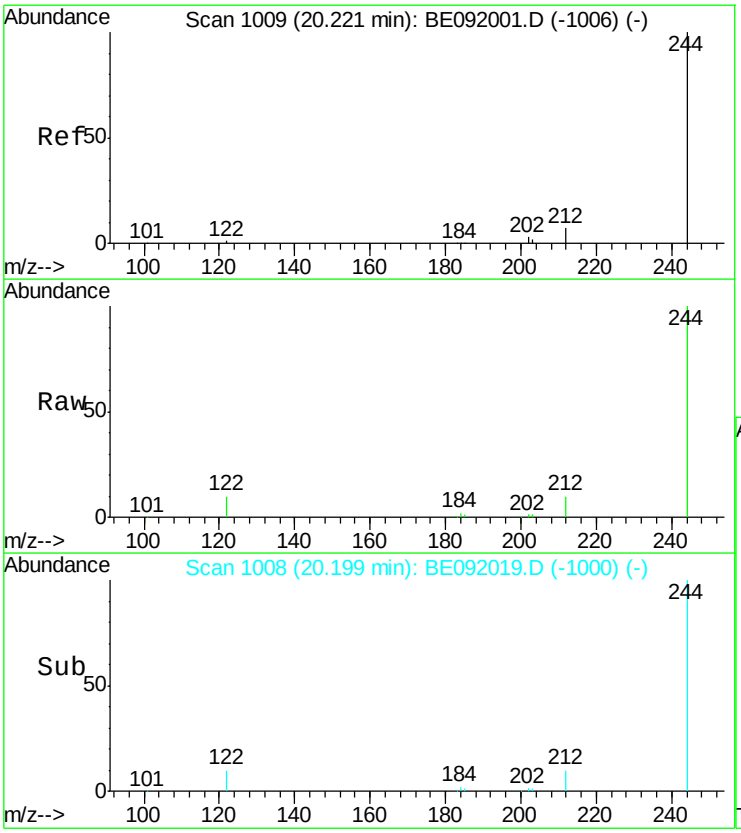
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Tgt Ion:240 Resp: 248249

Ion	Ratio	Lower	Upper
240	100		
120	0.7	1.2	1.8#
236	23.7	19.8	29.8

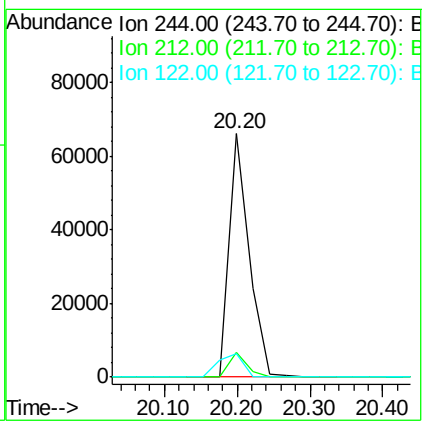


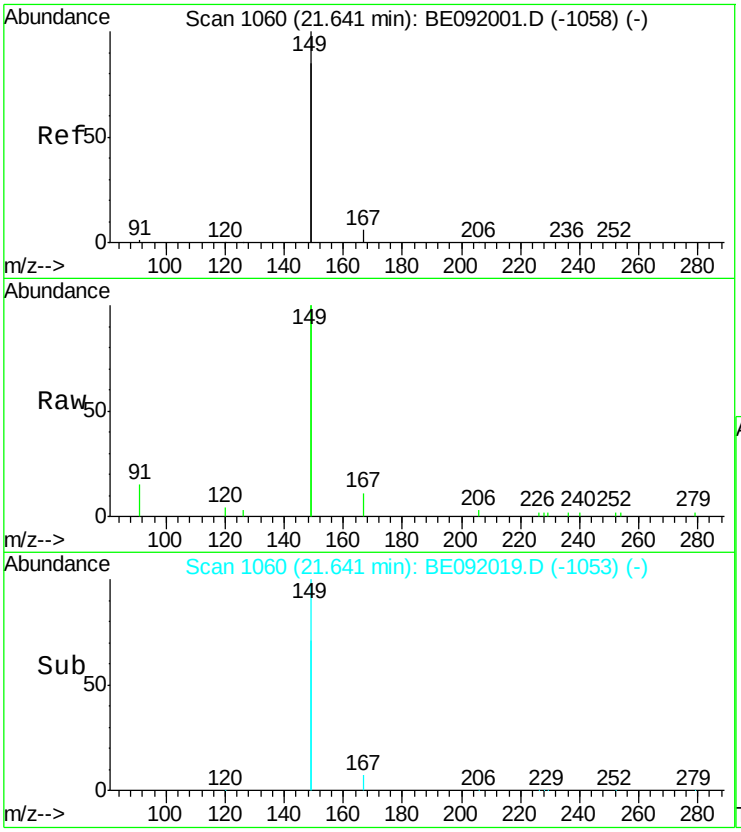


#34
Terphenyl-d14
Concen: 5.02 ng
RT: 20.20 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Tgt Ion:244 Resp: 125215

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.5	9.7#
122	9.7	2.9	4.3#



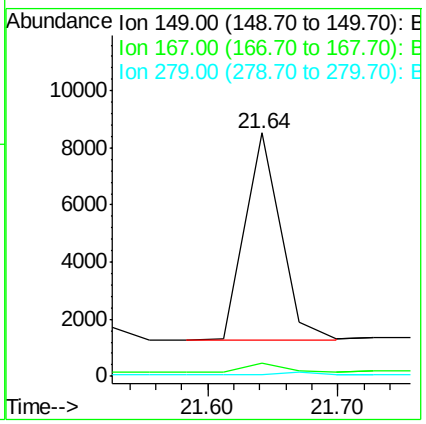


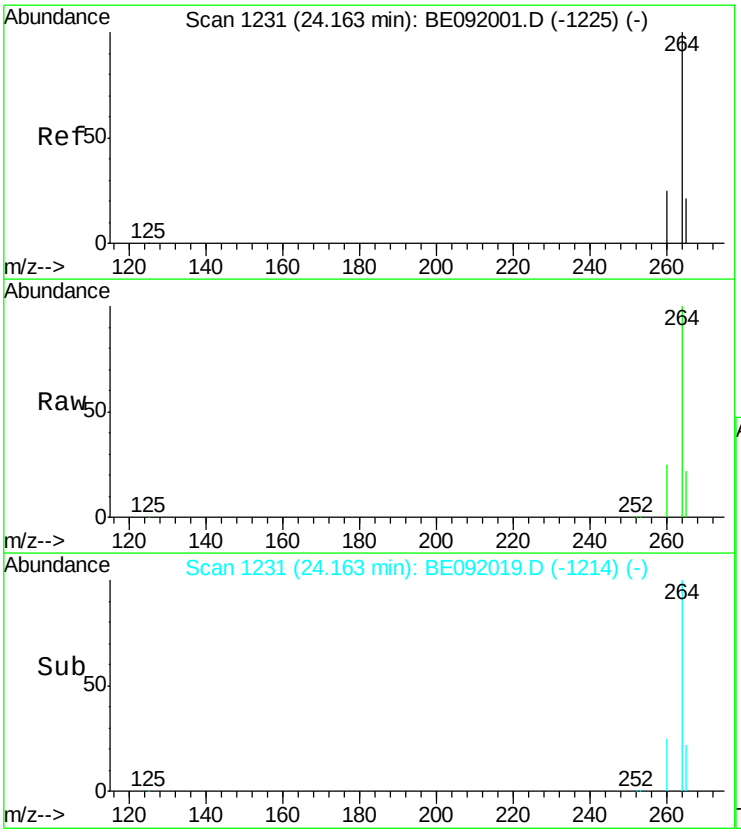
#38
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.64 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Instrument :
BNA_E
ClientSampleId :
GW-07-6.0-15.0

Tgt Ion:149 Resp: 13842

Ion	Ratio	Lower	Upper
149	100		
167	4.7	0.0	0.0#
279	0.0	0.0	0.0





#40
Perylene-d12
Concen: 5.00 ng
RT: 24.16 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE092019.D
Acq: 22 Jul 2016 23:21

Tgt Ion:264 Resp: 185483

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.3	30.5
265	22.1	17.6	26.4