Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE122716\
Data File : BE092618.D
Acq On : 27 Dec 2016 11:51
Operator : UM/SJ
Sample : H6210-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : OUTFALL001-161220

Quant Time: Dec 28 01:33:57 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8747	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	38024	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	24298	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	55686	5.00	ng	0.00
24) Chrysene-d12	21.72	240	81584	5.00	ng	0.00
31) Perylene-d12	24.08	264	69897	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	7049	4.23	ng	-0.04
5) Phenol-d6	7.31	99	5043	2.09	ng	-0.07
8) Nitrobenzene-d5	9.32	82	12499	4.76	ng	-0.05
13) 2,4,6-Tribromophenol	16.30	330	6186	8.80	ng	-0.01
14) 2-Fluorobiphenyl	13.41	172	31422	5.41	ng	-0.02
26) Terphenyl-d14	20.16	244	54830	5.48	ng	-0.02
Target Compounds						Qvalue
9) Naphthalene	10.97	128	1121	0.14	ng	# 83
29) Bis(2-ethylhexyl)phthalate	21.61	149	424	0.12	ng	# 76

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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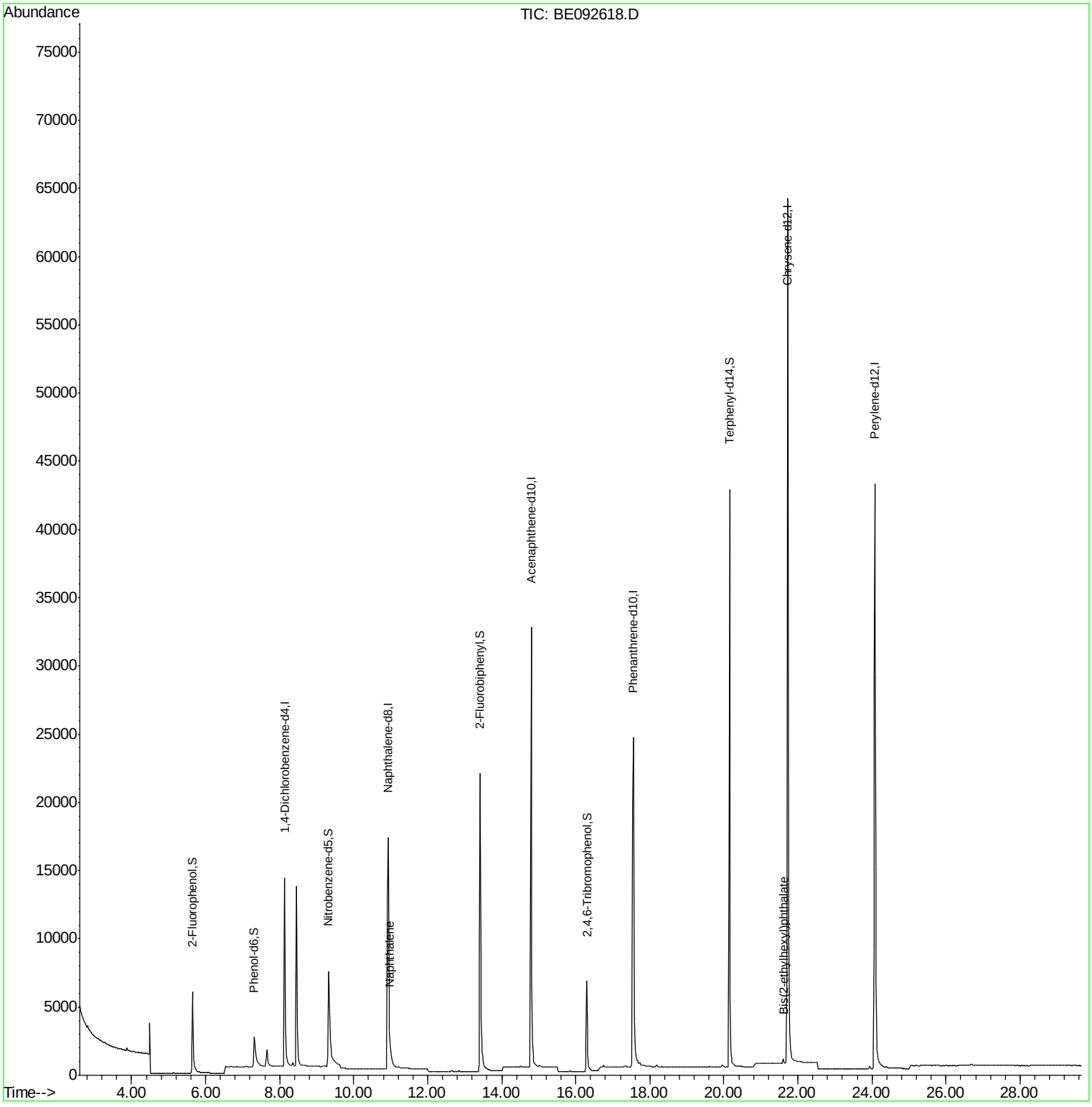
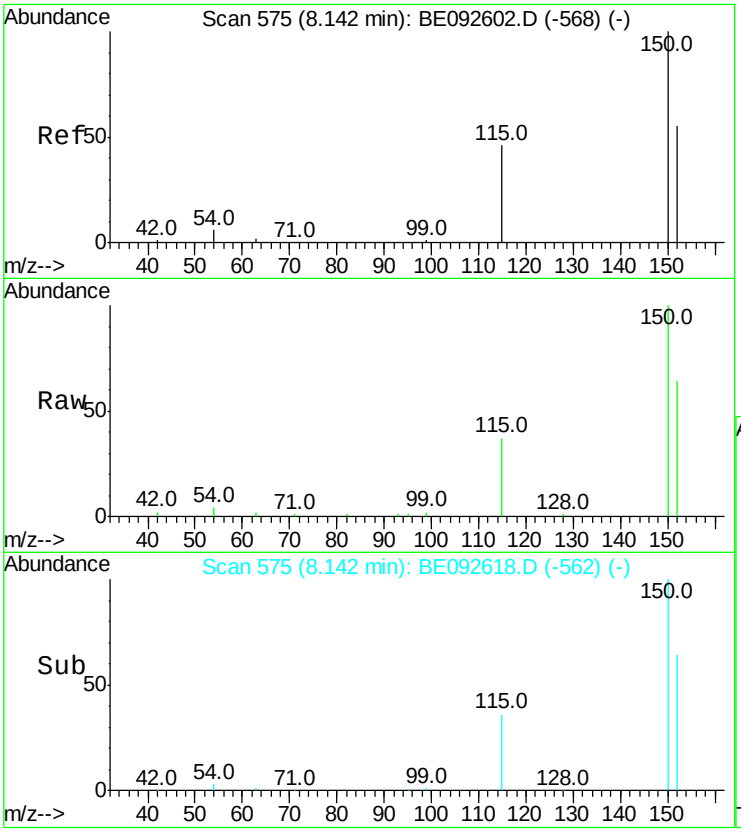


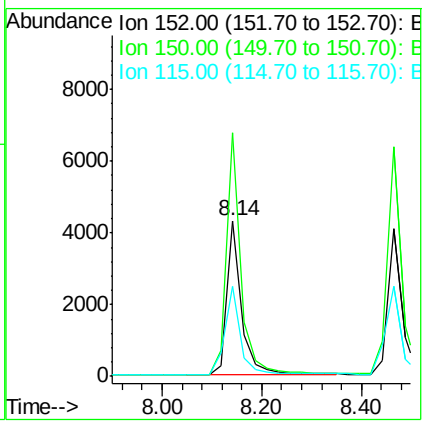


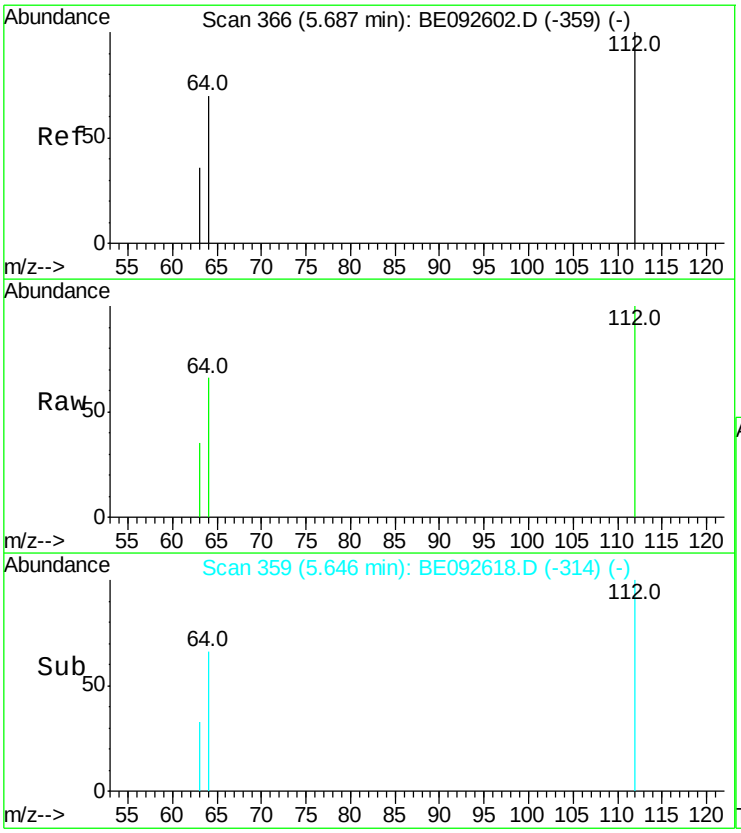
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161220

Tgt Ion:152 Resp: 8747

Ion	Ratio	Lower	Upper
152	100		
150	156.2	106.0	159.0
115	57.7	31.2	46.8#

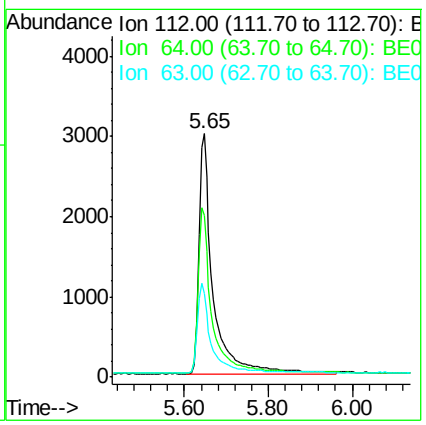


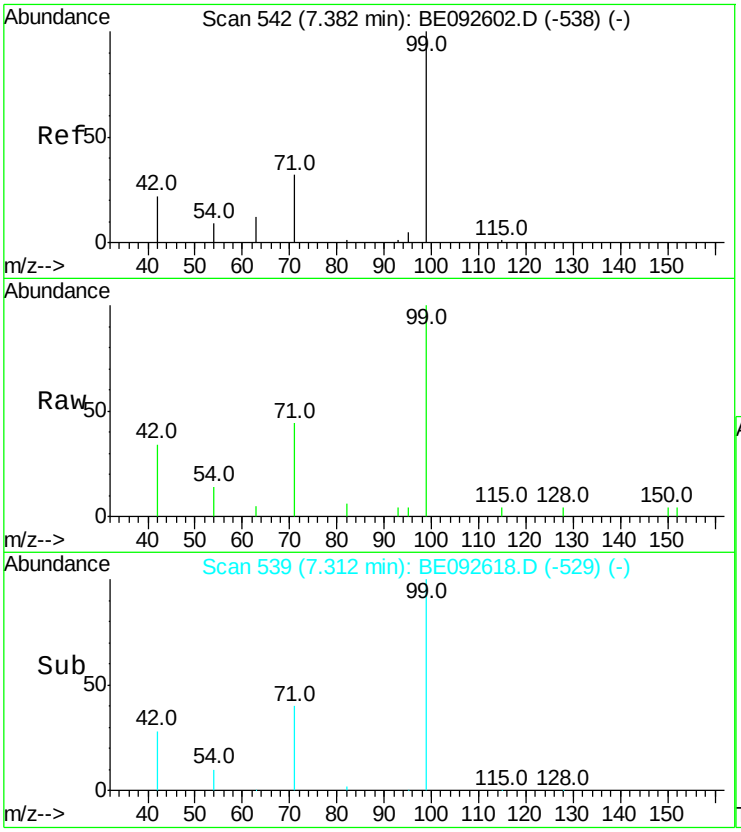


#4
2-Fluorophenol
Concen: 4.23 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.04 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:112 Resp: 7049

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.5	80.3
63	37.4	27.9	41.9



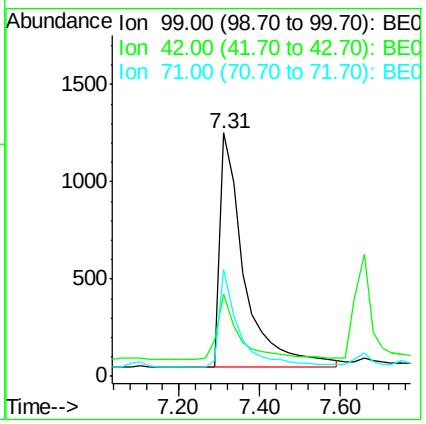


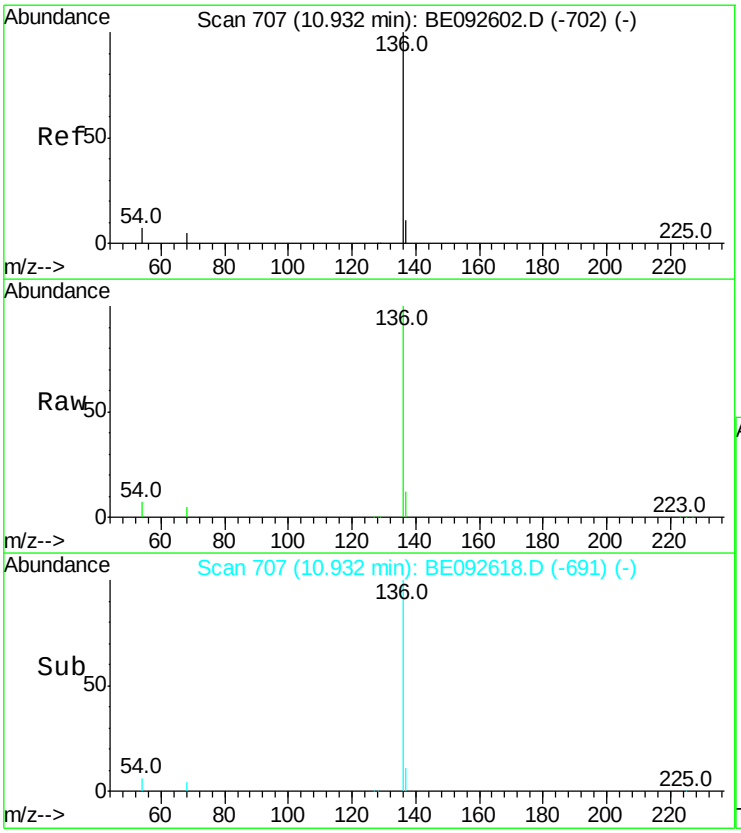
#5
Phenol-d6
Concen: 2.09 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.07 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161220

Tgt Ion: 99 Resp: 5043

Ion	Ratio	Lower	Upper
99	100		
42	24.9	16.0	24.0#
71	34.2	30.6	45.8

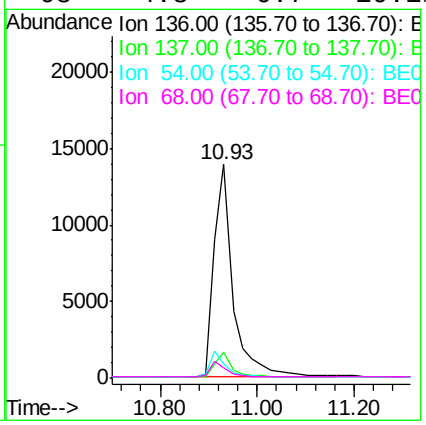


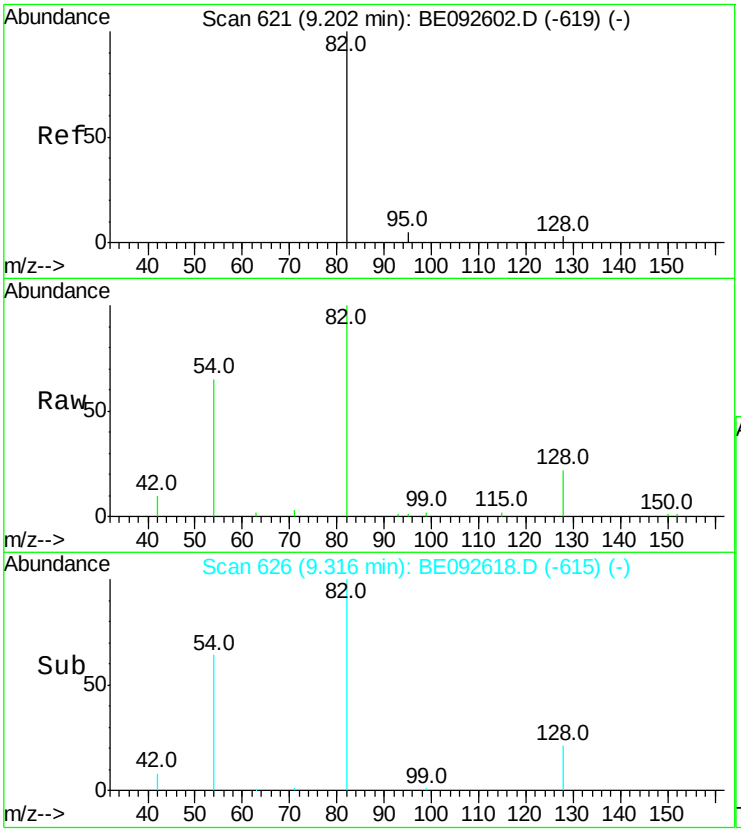


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:136 Resp: 38024

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	6.5	9.6	14.4#
68	4.8	6.7	10.1#



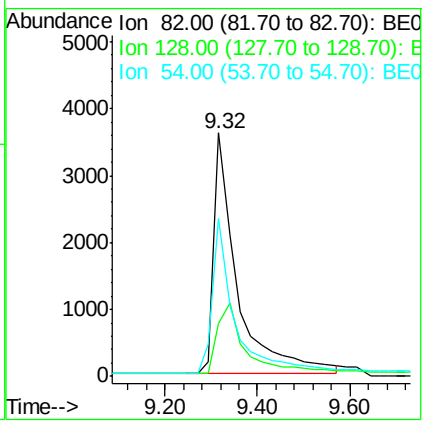


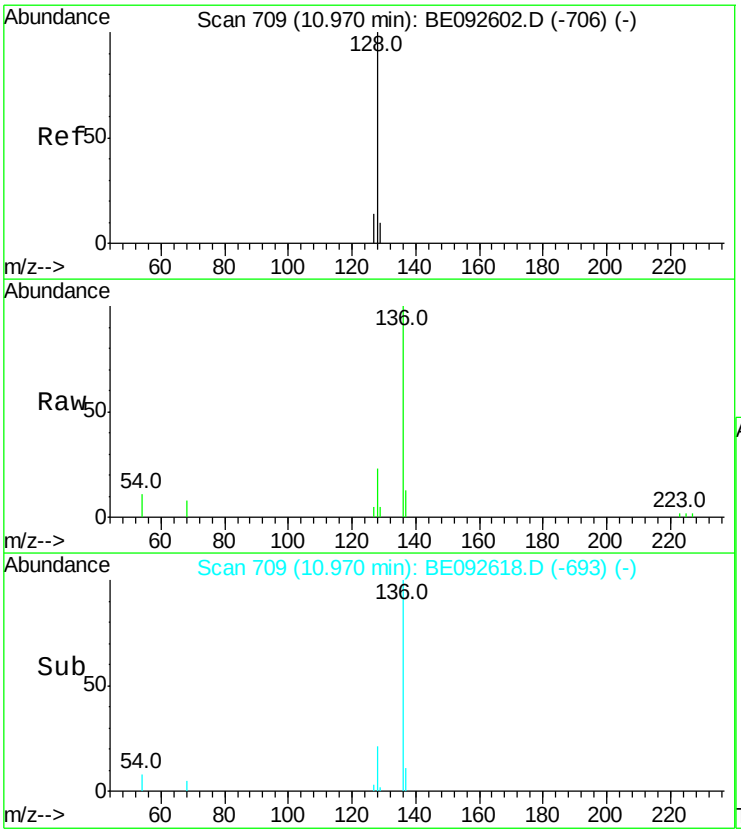
#8
Nitrobenzene-d5
Concen: 4.76 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161220

Tgt Ion: 82 Resp: 12499

Ion	Ratio	Lower	Upper
82	100		
128	21.6	39.0	58.4#
54	64.8	44.8	67.2

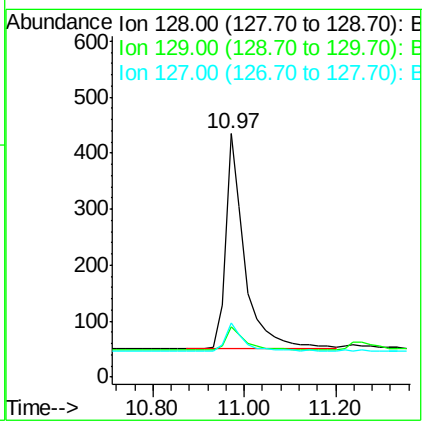


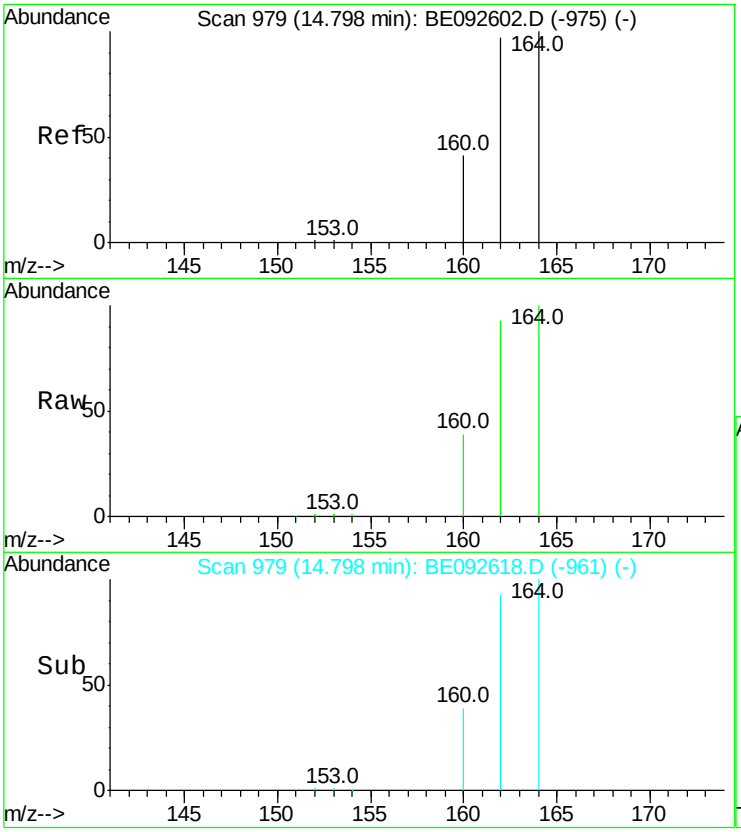


#9
Naphthalene
Concen: 0.14 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:128 Resp: 1121

Ion	Ratio	Lower	Upper
128	100		
129	20.5	11.2	16.8#
127	22.1	11.6	17.4#



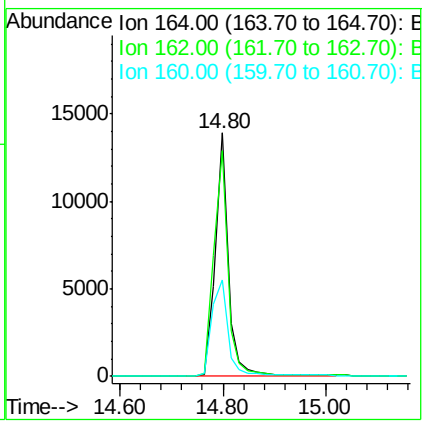


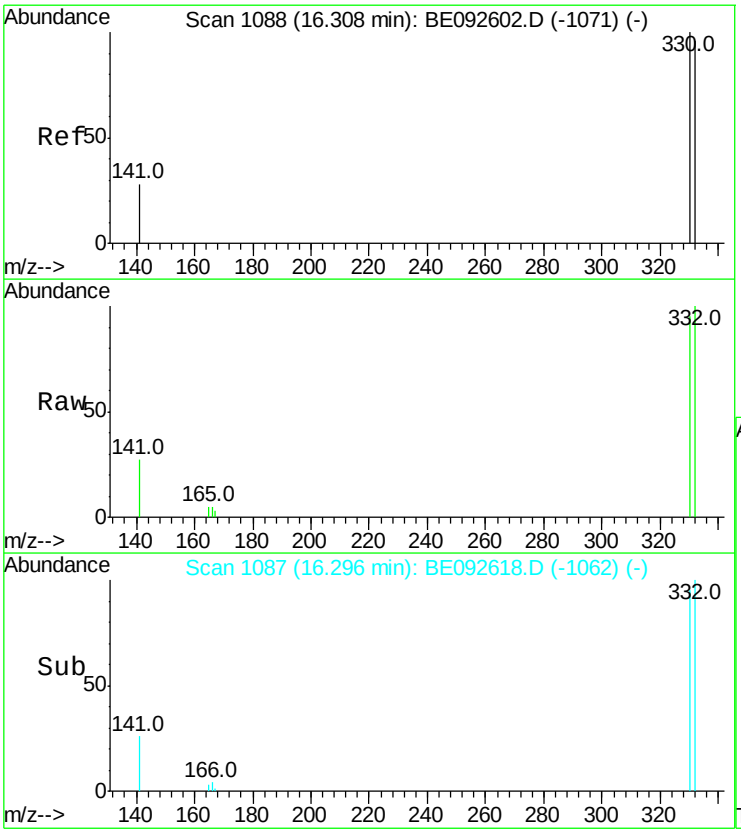
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161220

Tgt Ion:164 Resp: 24298

Ion	Ratio	Lower	Upper
164	100		
162	92.8	71.4	107.0
160	39.4	27.4	41.2

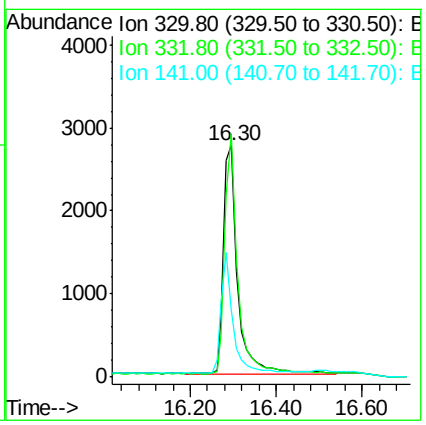


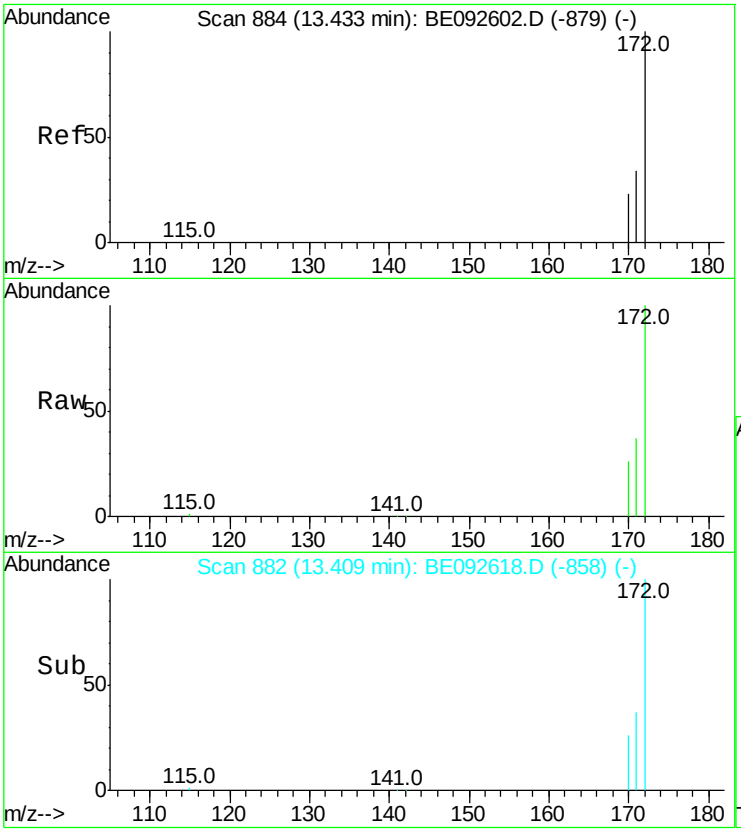


#13
2,4,6-Tribromophenol
Concen: 8.80 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:330 Resp: 6186

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.0
141	46.0	31.0	46.6



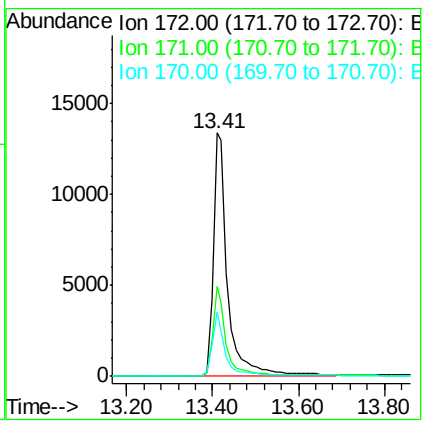


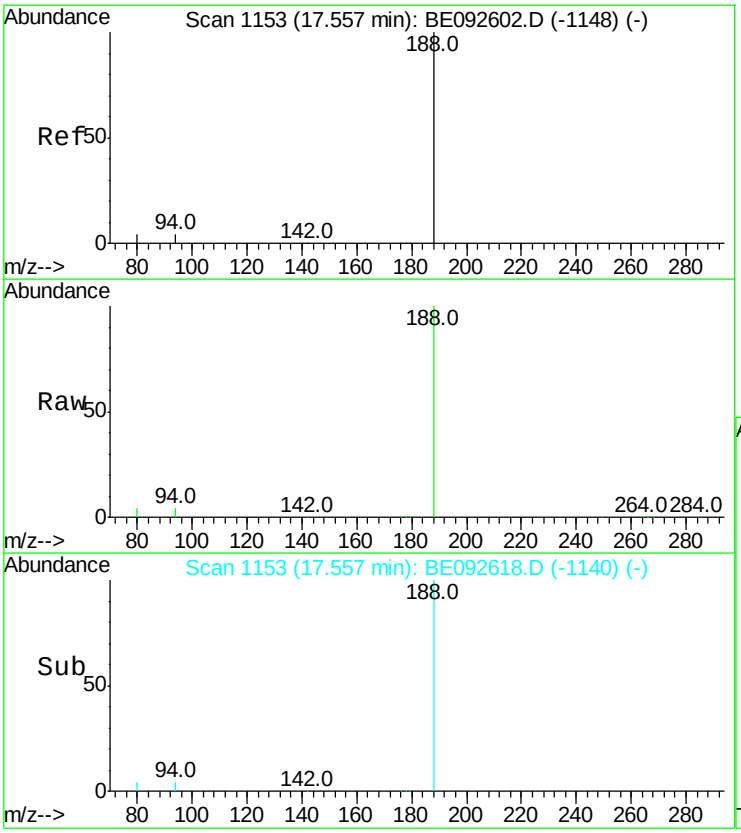
#14
2-Fluorobiphenyl
Concen: 5.41 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161220

Tgt Ion:172 Resp: 31422

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.1	45.1
170	26.5	21.8	32.6

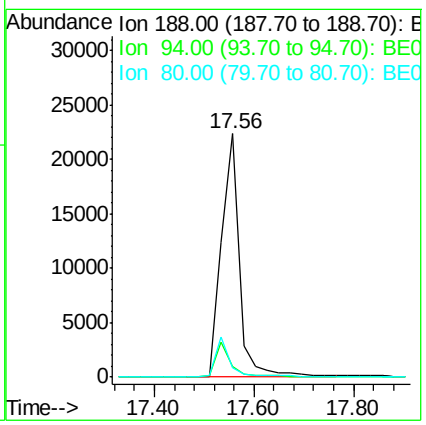


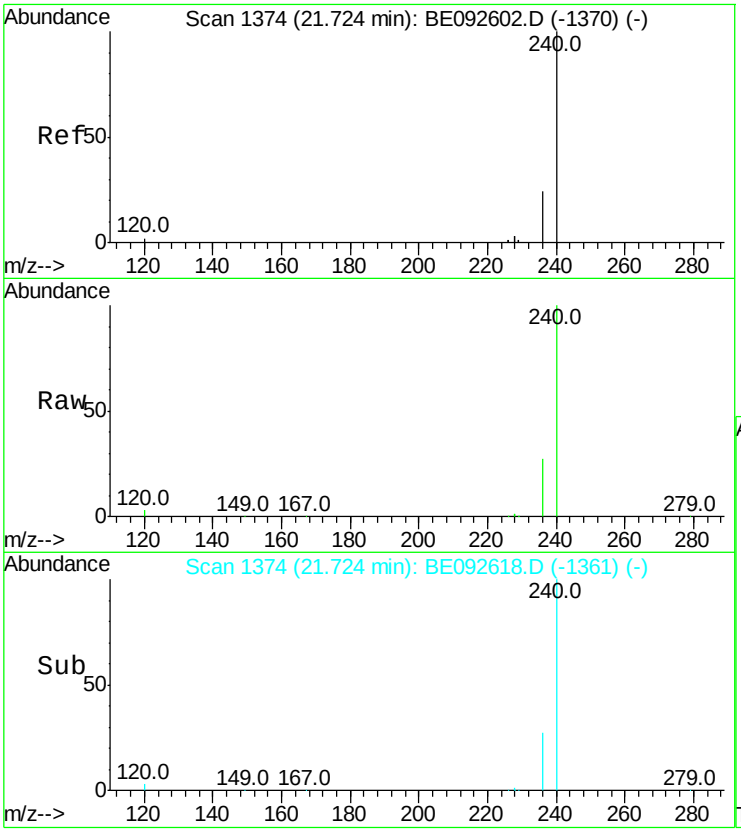


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:188 Resp: 55686

Ion	Ratio	Lower	Upper
188	100		
94	4.3	3.2	4.8
80	3.9	2.6	3.8#



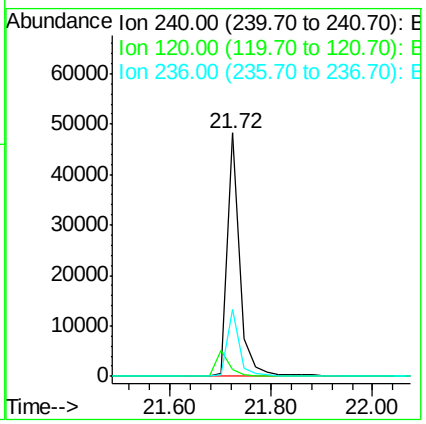


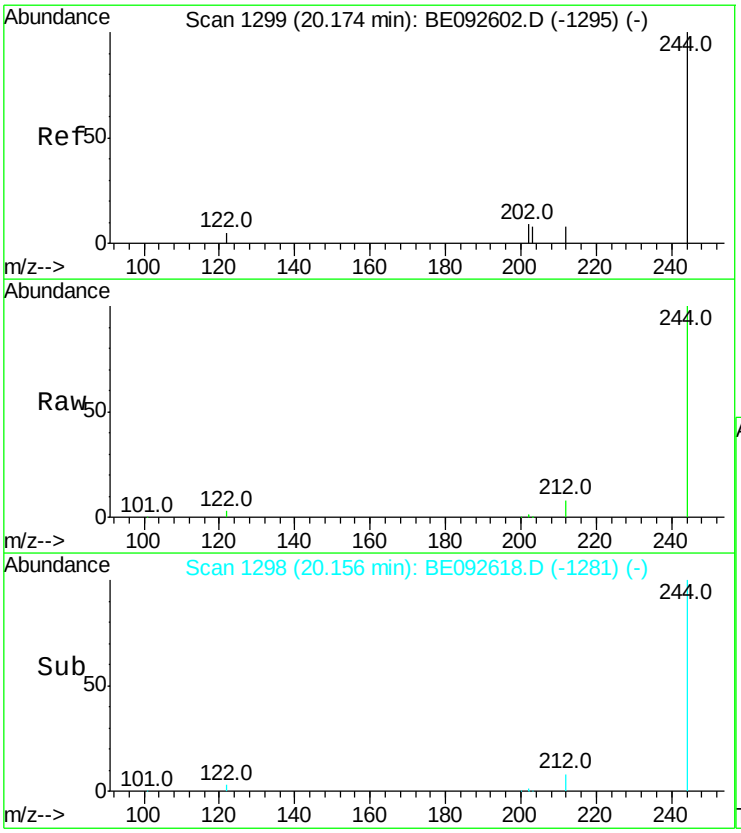
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161220

Tgt Ion:240 Resp: 81584

Ion	Ratio	Lower	Upper
240	100		
120	3.0	2.6	4.0
236	27.4	24.6	37.0

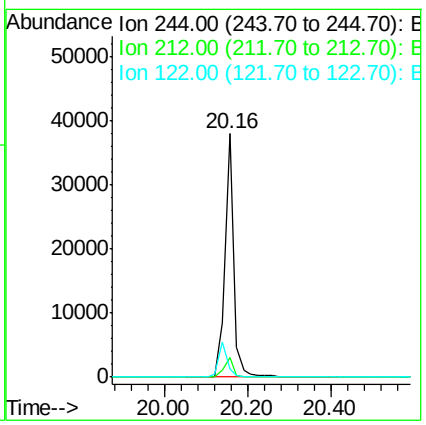


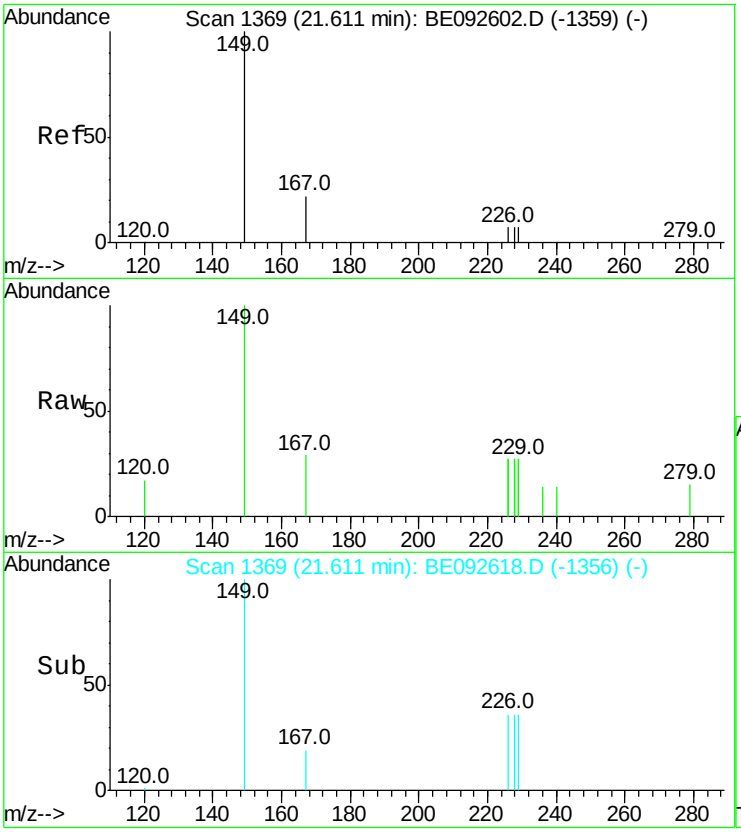


#26
Terphenyl-d14
Concen: 5.48 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:244 Resp: 54830

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	3.2	3.6	5.4#



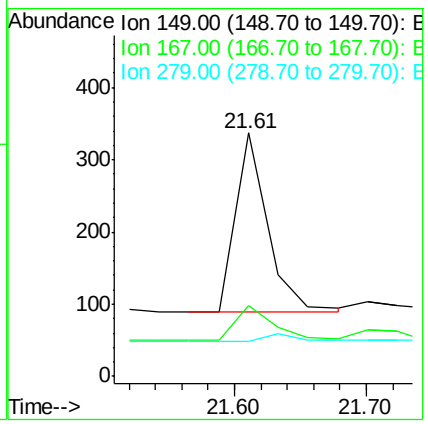


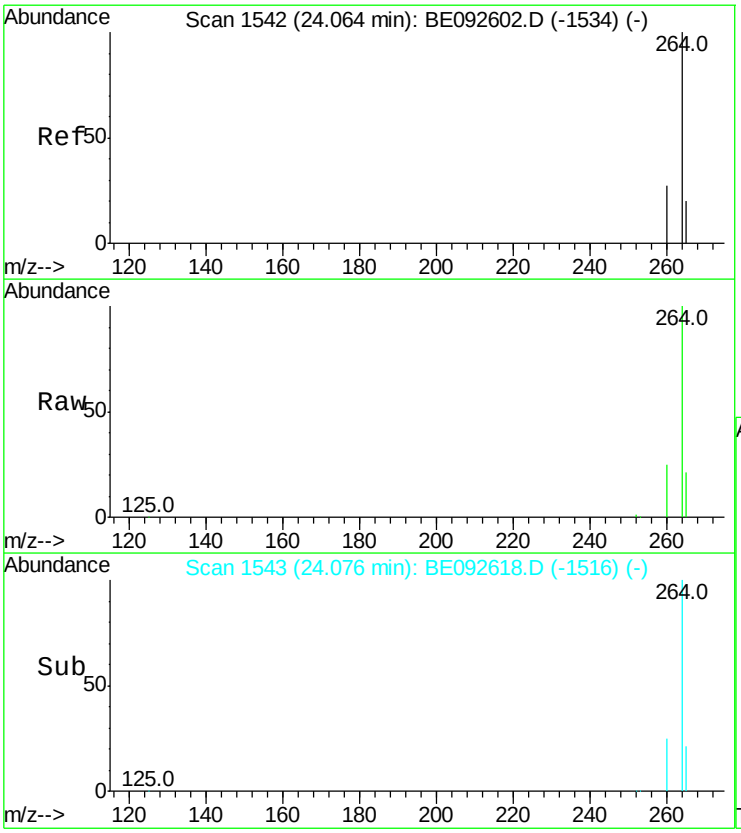
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-161220

Tgt Ion:149 Resp: 424

Ion	Ratio	Lower	Upper
149	100		
167	22.2	16.0	24.0
279	0.0	16.0	24.0#





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE092618.D
Acq: 27 Dec 2016 11:51

Tgt Ion:264 Resp: 69897

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.5	17.9	26.9