Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070716\
Data File : BE091985.D
Acq On : 7 Jul 2016 17:47
Operator : UM/SJ
Sample : H3697-01
Misc : 4X internal std added
ALS Vial : 3 Sample Multiplier: 4

Instrument : BNA_E
ClientSampleId : EB-GW-01

Quant Time: Jul 08 16:01:16 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	131460	20.00	ng	0.00
8) Naphthalene-d8	10.99	136	631089	20.00	ng	0.00
15) Acenaphthene-d10	14.86	164	436258	20.00	ng	0.00
24) Phenanthrene-d10	17.59	188	890653	20.00	ng	0.00
31) Chrysene-d12	21.76	240	1252379	20.00	ng	0.00
40) Perylene-d12	24.18	264	1021651	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	638500	81.21	ng	0.00
5) Phenol-d6	7.35	99	584347	53.49	ng	-0.02
9) Nitrobenzene-d5	9.37	82	1193135	111.03	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	518958	131.05	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	2228463	83.76	ng	0.00
34) Terphenyl-d14	20.22	244	2629863	71.21	ng	0.00
Target Compounds						Qvalue
12) Naphthalene	11.04	128	2292	0.06	ng	# 91
14) 2-Methylnaphthalene	12.66	142	1196	0.05	ng	# 84
27) Pentachlorophenol	17.25	266	321	0.55	ng	90

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

Quantitation Report (QT Reviewed)

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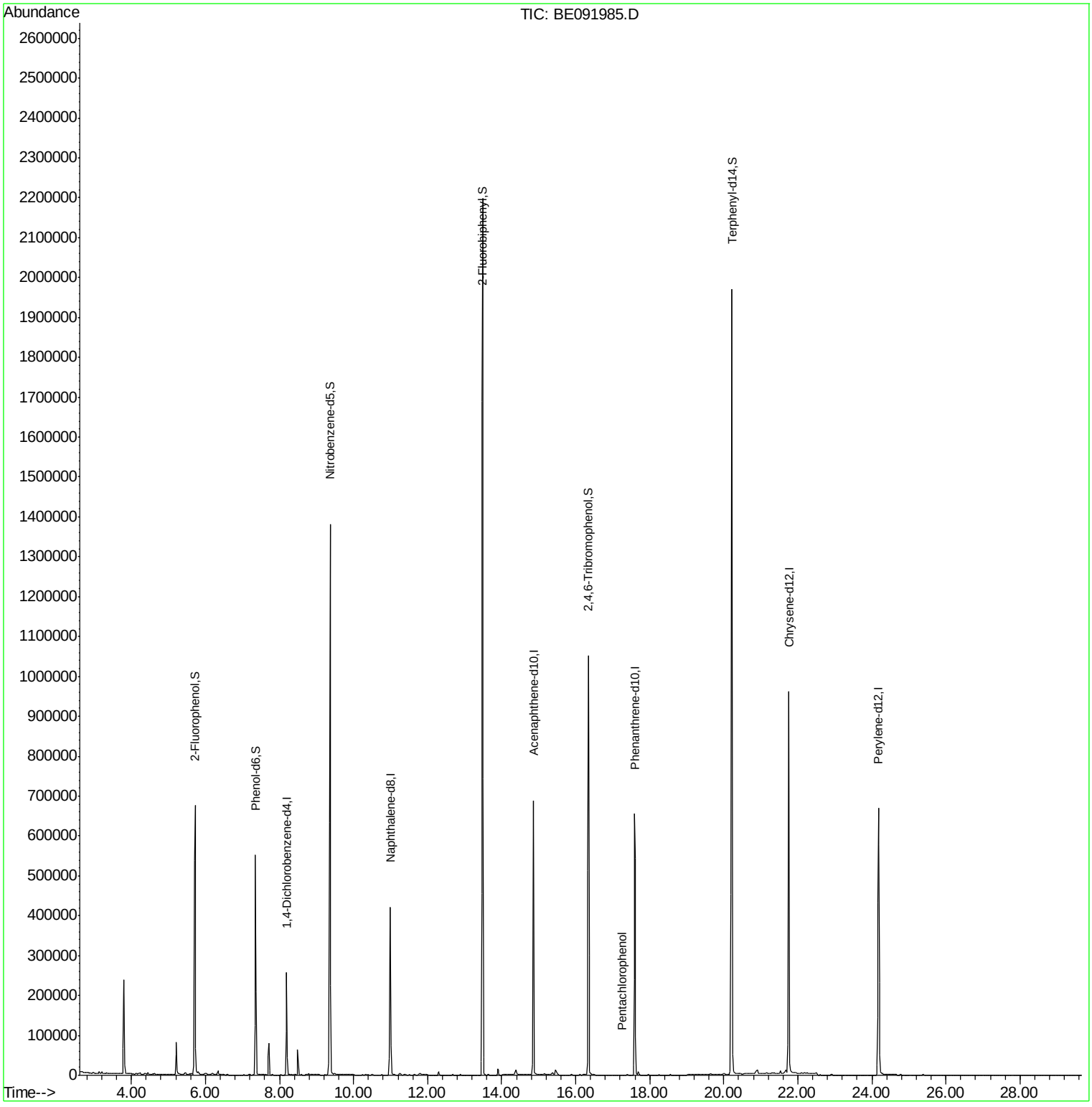
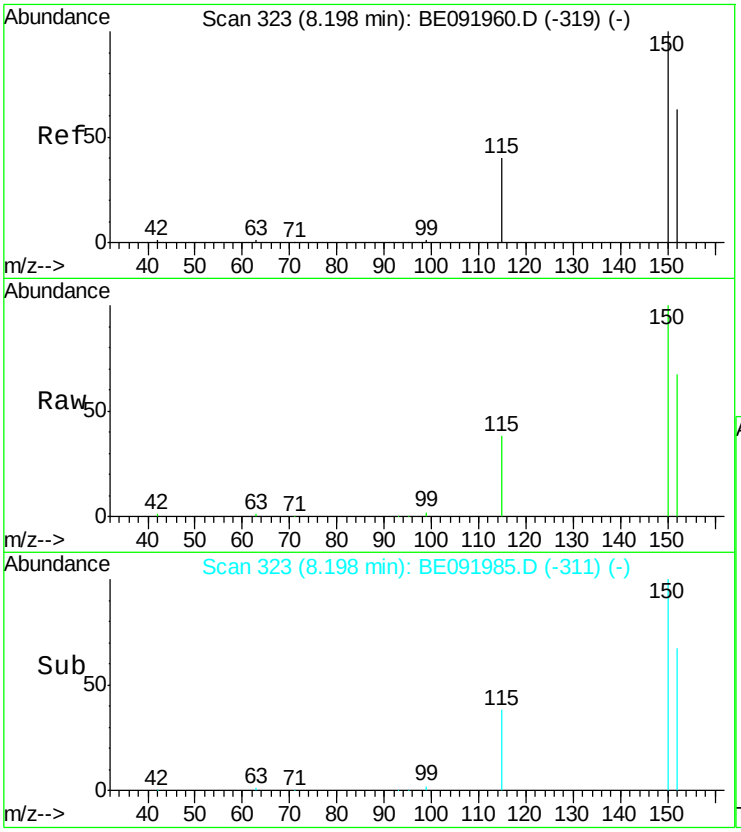
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration



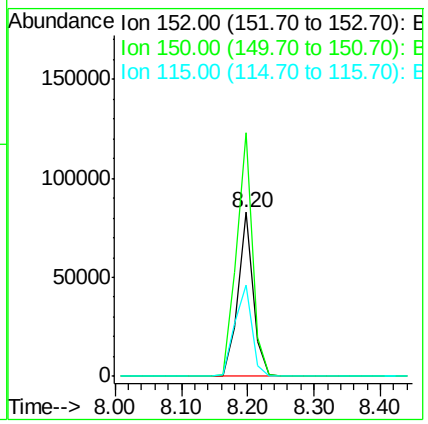


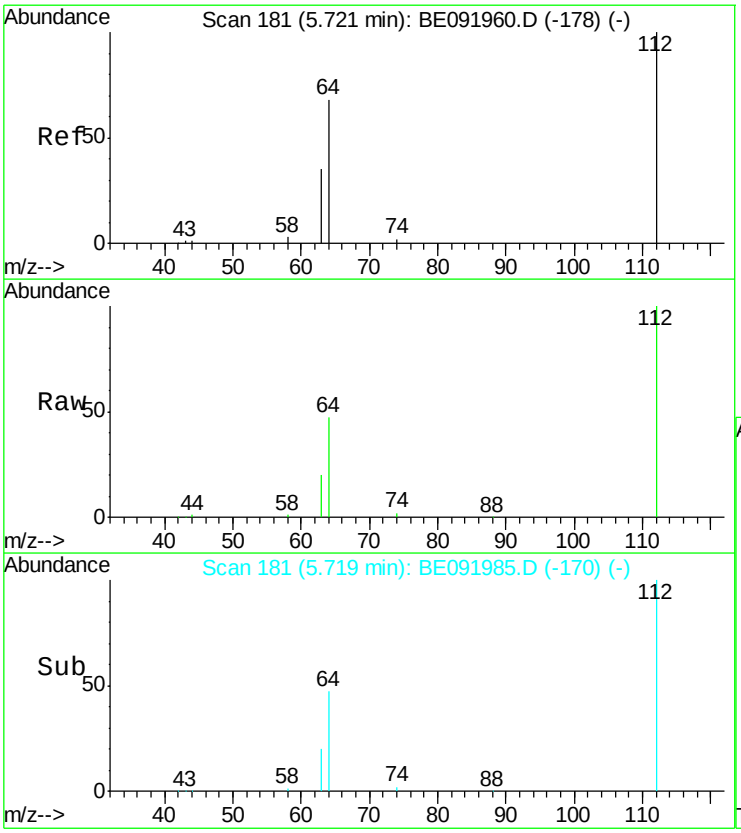
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Instrument :
BNA_E
ClientSampleId :
EB-GW-01

Tgt Ion:152 Resp: 131460

Ion	Ratio	Lower	Upper
152	100		
150	148.5	123.9	185.9
115	55.8	48.3	72.5

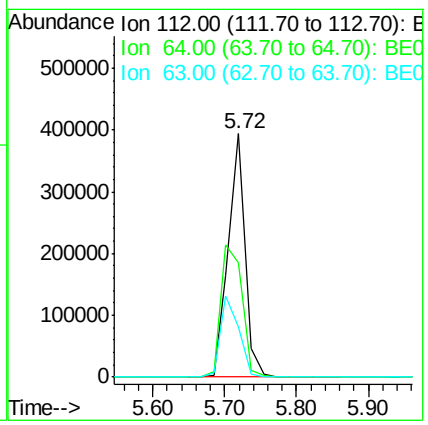


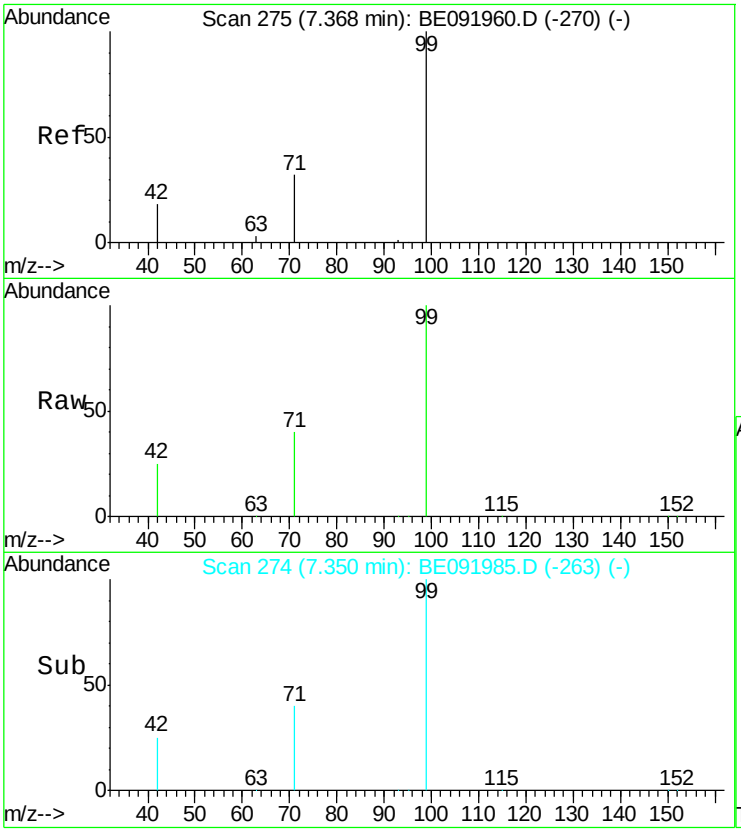


#4
2-Fluorophenol
Concen: 81.21 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:112 Resp: 638500

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.7	80.5
63	36.9	29.5	44.3



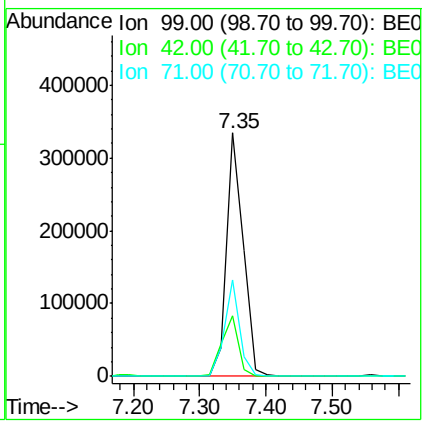


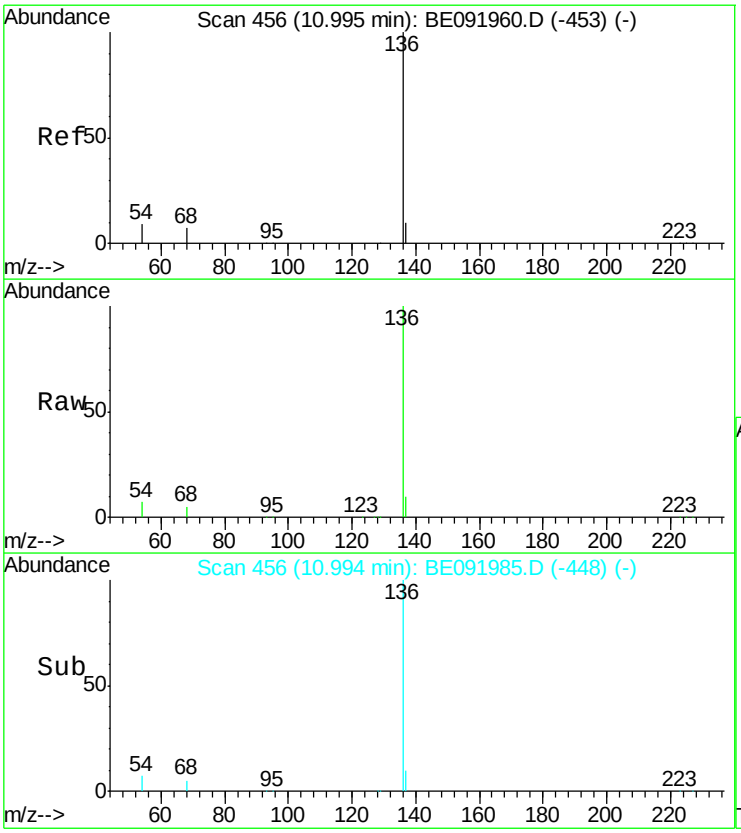
#5
Phenol-d6
Concen: 53.49 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Instrument :
BNA_E
ClientSampleId :
EB-GW-01

Tgt Ion: 99 Resp: 584347

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.6	29.4
71	36.2	28.1	42.1

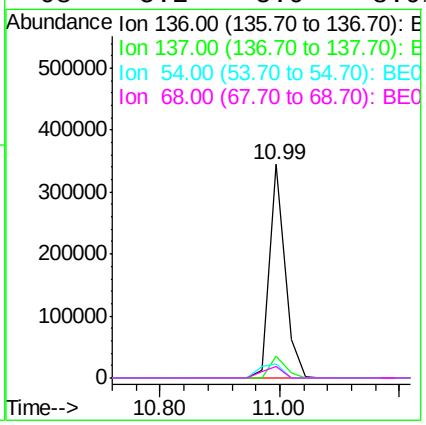


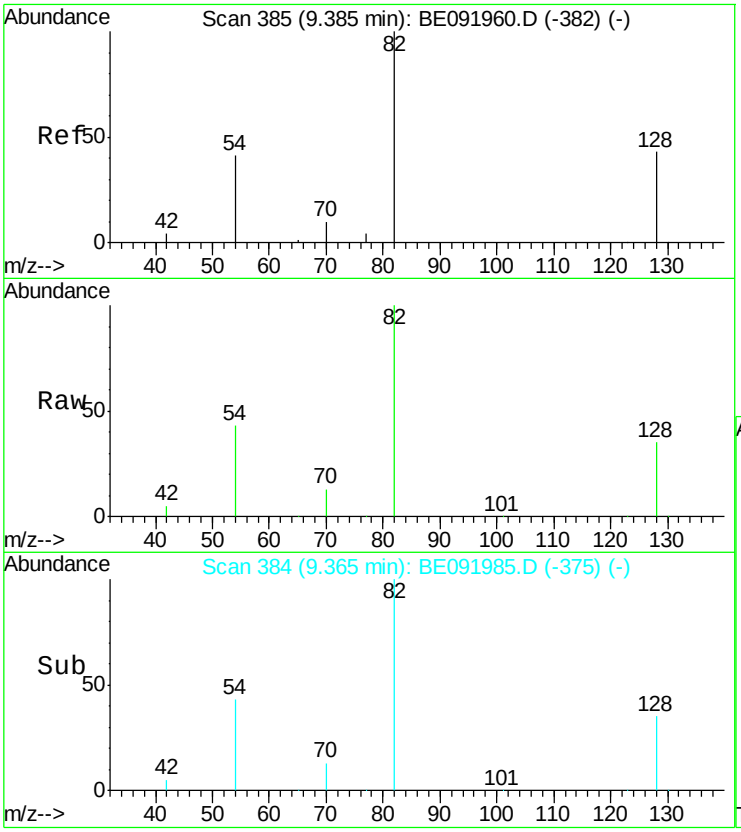


#8
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:136 Resp: 631089

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	6.7	8.2	12.4#
68	5.2	5.9	8.9#



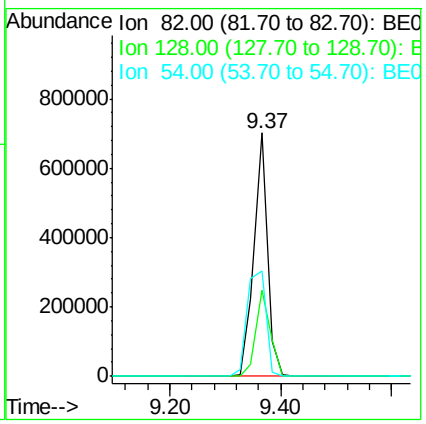


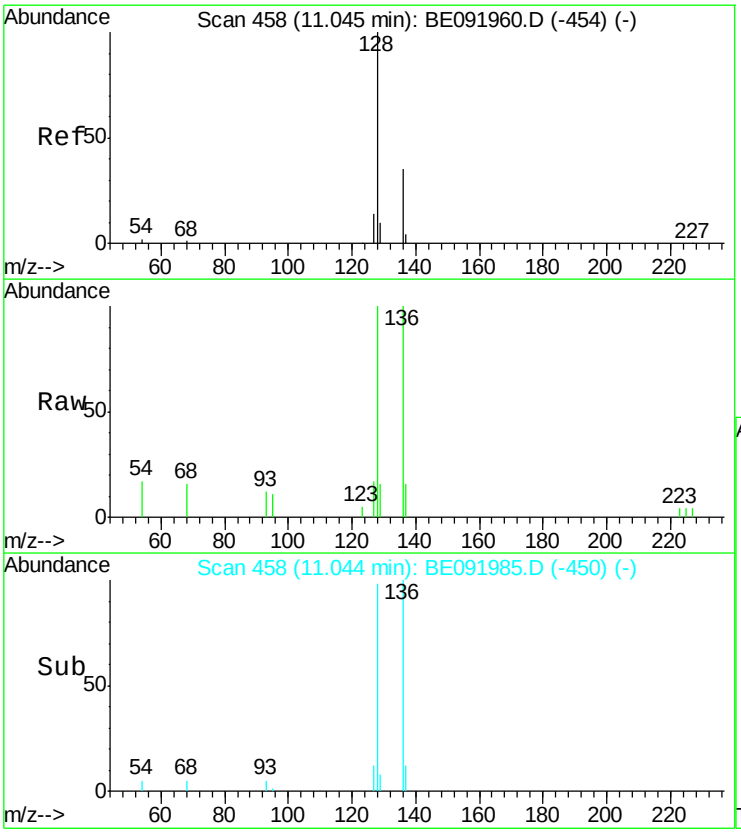
#9
Nitrobenzene-d5
Concen: 111.03 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Instrument :
BNA_E
ClientSampleId :
EB-GW-01

Tgt Ion: 82 Resp: 1193135

Ion	Ratio	Lower	Upper
82	100		
128	35.2	39.5	59.3#
54	43.1	30.3	45.5

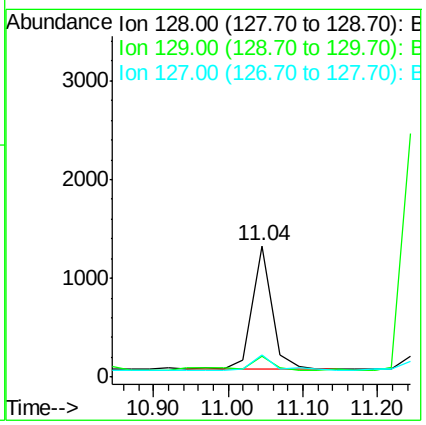


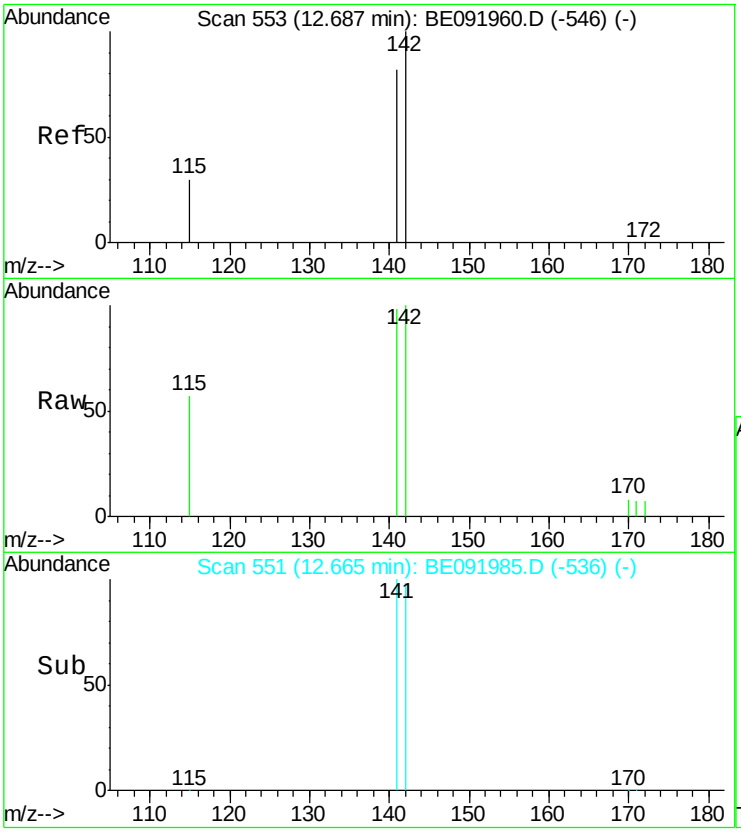


#12
Naphthalene
Concen: 0.06 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:128 Resp: 2292

Ion	Ratio	Lower	Upper
128	100		
129	15.6	10.4	15.6
127	16.9	10.2	15.2#



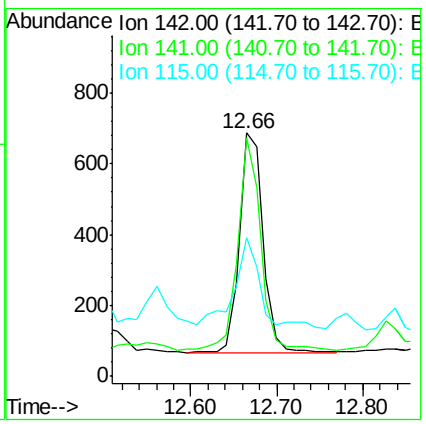


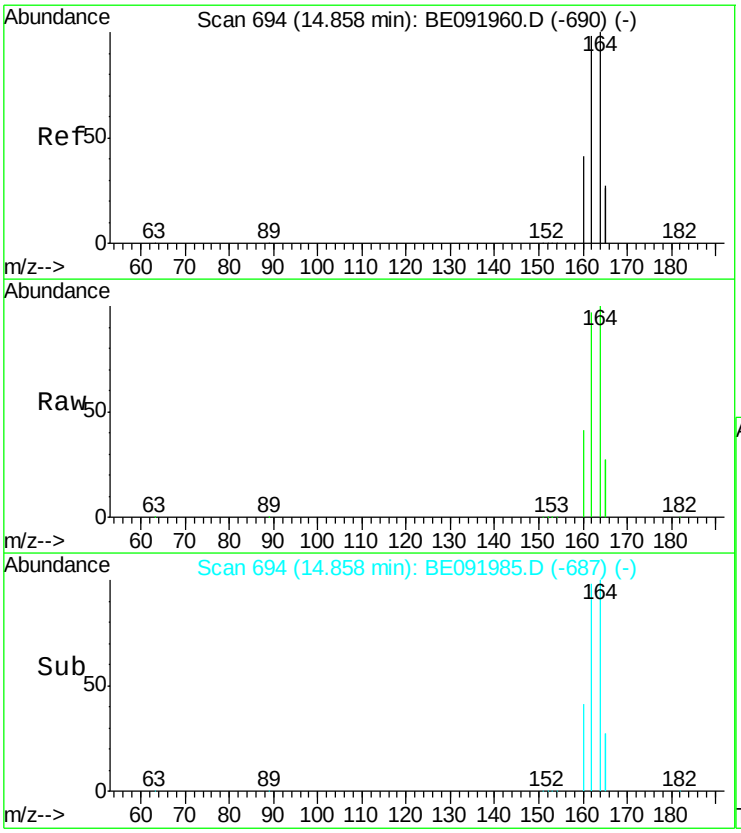
#14
2-Methylnaphthalene
Concen: 0.05 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Instrument :
BNA_E
ClientSampleId :
EB-GW-01

Tgt Ion:142 Resp: 1196

Ion	Ratio	Lower	Upper
142	100		
141	97.8	71.9	107.9
115	57.1	29.9	44.9#

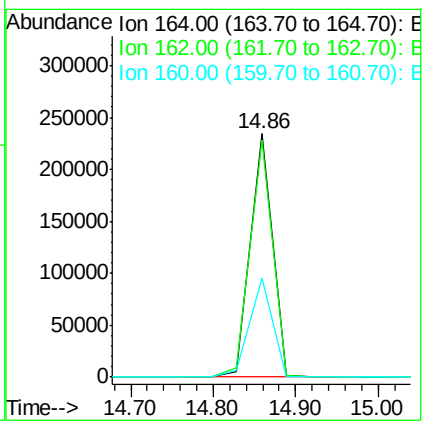


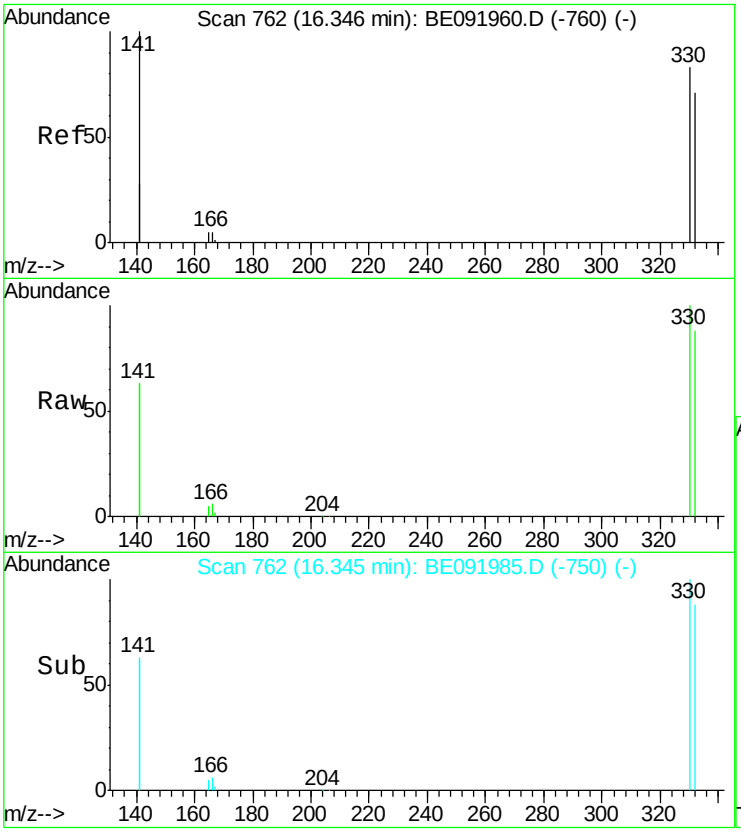


#15
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:164 Resp: 436258

Ion	Ratio	Lower	Upper
164	100		
162	97.4	71.8	107.8
160	40.7	28.0	42.0



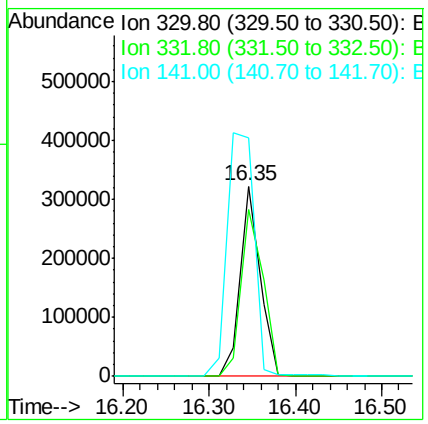


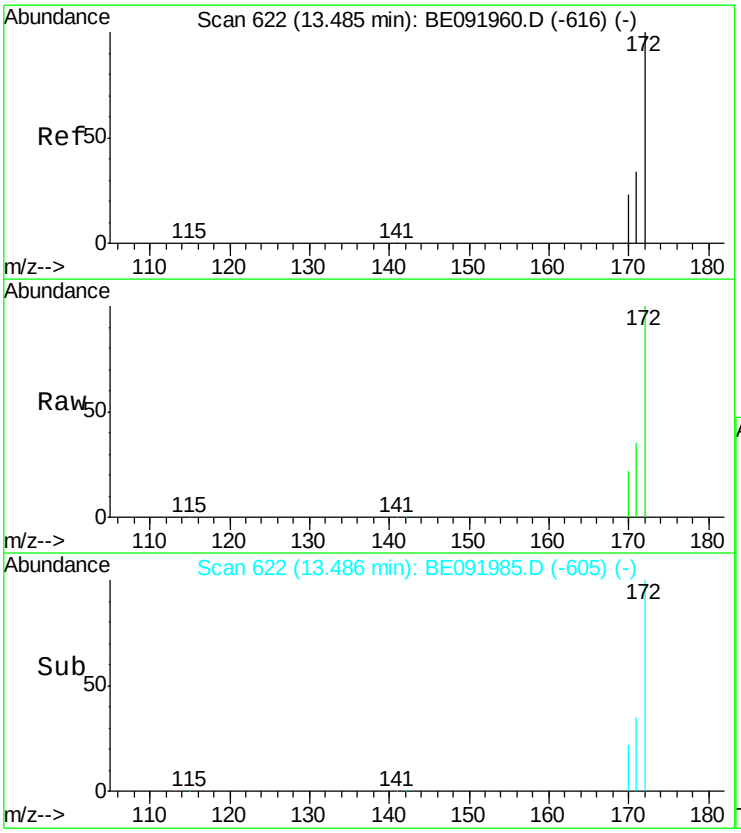
#16
2,4,6-Tribromophenol
Concen: 131.05 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Instrument :
BNA_E
ClientSampleId :
EB-GW-01

Tgt Ion:330 Resp: 518958

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	172.8	138.4	207.6

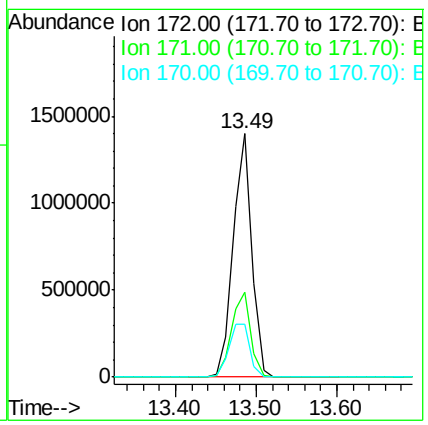


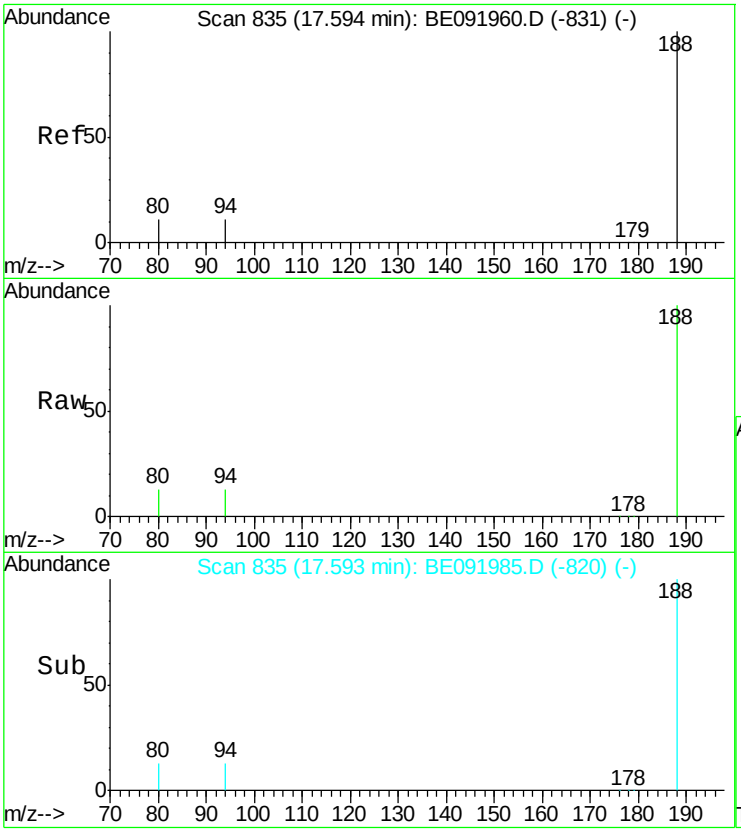


#17
2-Fluorobiphenyl
Concen: 83.76 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:172 Resp: 2228463

Ion	Ratio	Lower	Upper
172	100		
171	34.9	24.3	36.5
170	21.8	14.9	22.3



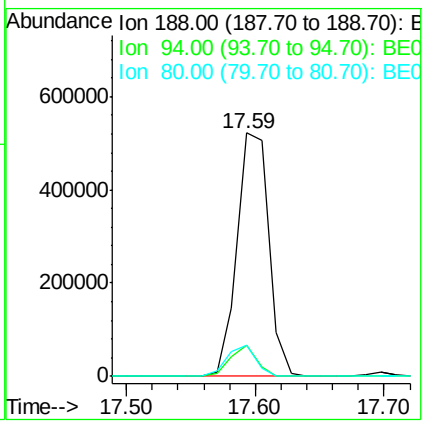


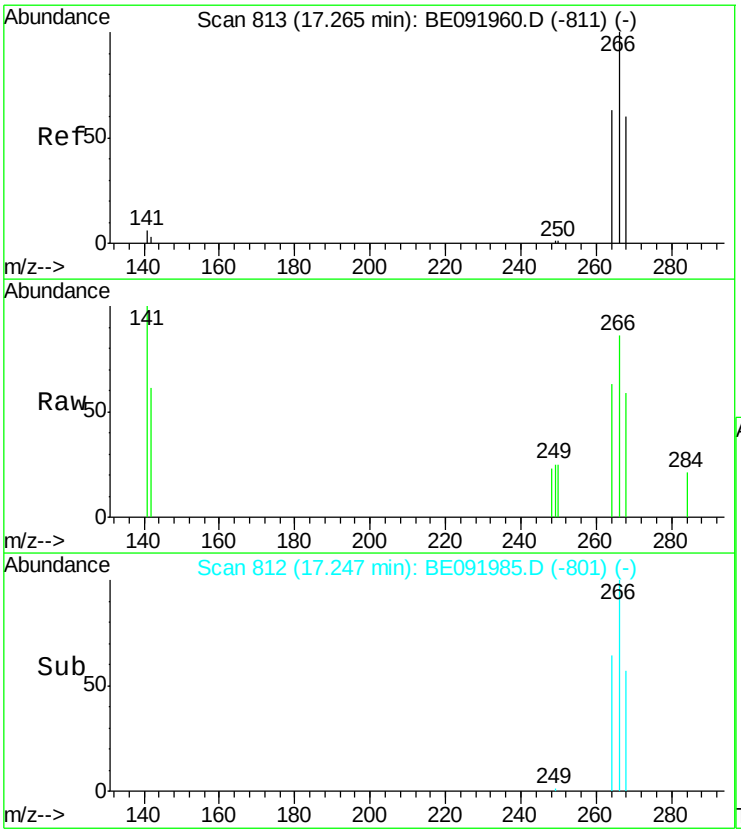
#24
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Instrument :
BNA_E
ClientSampleId :
EB-GW-01

Tgt Ion:188 Resp: 890653

Ion	Ratio	Lower	Upper
188	100		
94	12.6	4.1	6.1#
80	12.9	3.4	5.2#

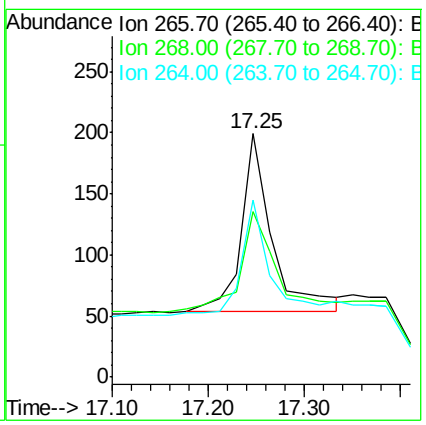


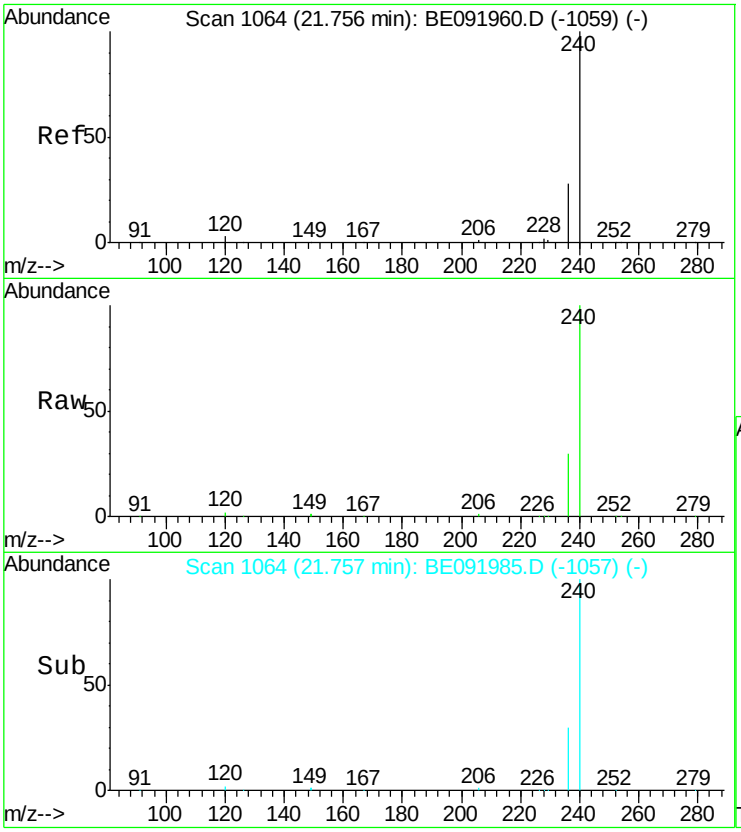


#27
Pentachlorophenol
Concen: 0.55 ng
RT: 17.25 min Scan# 812
Delta R.T. -0.02 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:266 Resp: 321

Ion	Ratio	Lower	Upper
266	100		
268	68.3	60.5	90.7
264	72.9	51.0	76.4



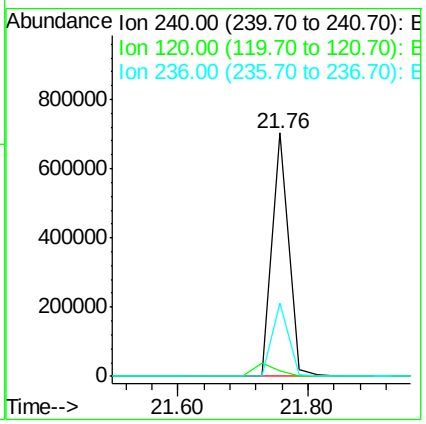


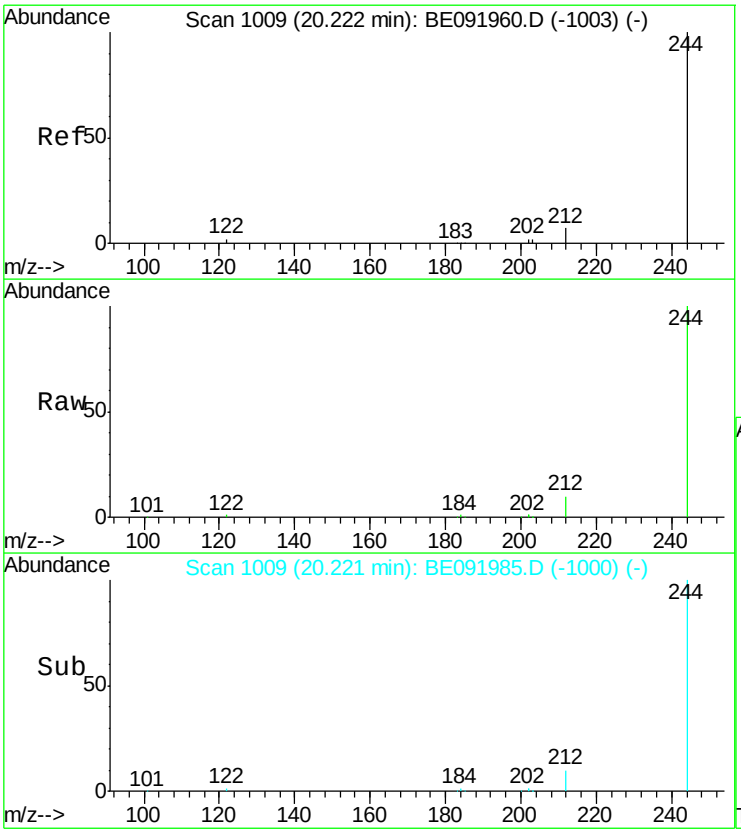
#31
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Instrument :
BNA_E
ClientSampleId :
EB-GW-01

Tgt Ion:240 Resp: 1252379

Ion	Ratio	Lower	Upper
240	100		
120	2.3	1.2	1.8#
236	30.2	19.8	29.8#

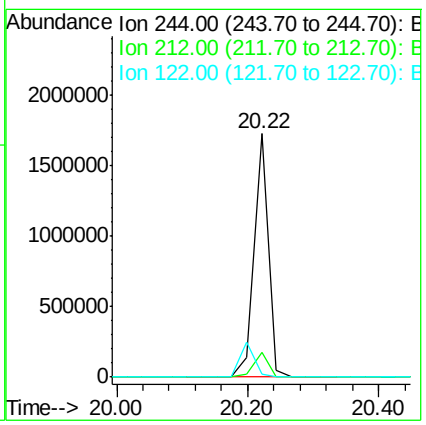


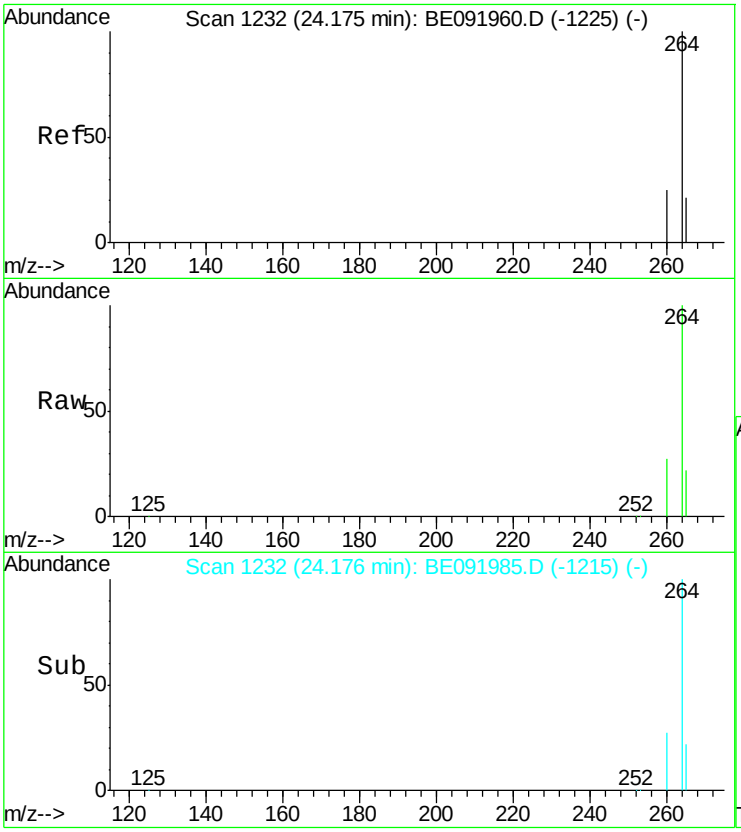


#34
Terphenyl-d14
Concen: 71.21 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:244 Resp: 2629863

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.5	9.7#
122	1.2	2.9	4.3#

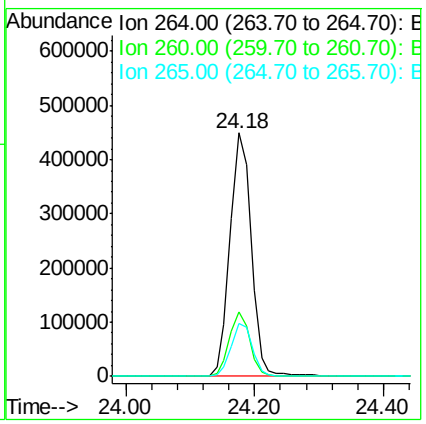




#40
Perylene-d12
Concen: 20.00 ng
RT: 24.18 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091985.D
Acq: 7 Jul 2016 17:47

Tgt Ion:264 Resp: 1021651

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.3	30.5
265	21.8	17.6	26.4



Instrument :
BNA_E
ClientSampleId :
EB-GW-01