Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070716\
Data File : BE091988.D
Acq On : 7 Jul 2016 19:41
Operator : UM/SJ
Sample : PB91509BL
Misc : 4X internal std added
ALS Vial : 6 Sample Multiplier: 4

Instrument : BNA_E
ClientSampleId : PB91509BL

Quant Time: Jul 08 01:07:04 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	90822	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	396037	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	258054	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	511692	5.00	ng	0.00
31) Chrysene-d12	21.76	240	770905	5.00	ng	0.00
40) Perylene-d12	24.17	264	658666	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	730006	134.40	ng	0.00
5) Phenol-d6	7.35	99	986299	130.69	ng	-0.02
9) Nitrobenzene-d5	9.37	82	609778	90.42	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	245727	105.01	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	1140804	72.49	ng	0.00
34) Terphenyl-d14	20.22	244	1642311	72.25	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.71	93	1091	0.04	ng	# 1
7) n-Nitroso-di-n-propylamine	9.37	70	84055	3.34	ng	# 81
10) Nitrobenzene	9.37	77	1897	0.06	ng	# 49
19) 2,6-Dinitrotoluene	14.16	165	4153	0.18	ng	# 10
21) 2,4-Dinitrotoluene	14.86	165	140263	1.83	ng	# 1
27) Pentachlorophenol	17.25	266	161	0.13	ng	# 59
32) Benzidine	20.20	184	29466	0.68	ng	97
35) Benzo(a)anthracene	21.76	228	2670	0.02	ng	# 70
36) 3,3'-Dichlorobenzidine	21.78	252	50	Below Cal		# 83

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

Quantitation Report (Not Reviewed)

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Acq On : 7 Jul 2016 19:41
Operator : UM/SJ
Sample : PB91509BL
Misc : 4X internal std added
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Quant Time: Jul 08 01:07:04 2016
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QLast Update : Tue Jul 05 16:14:58 2016
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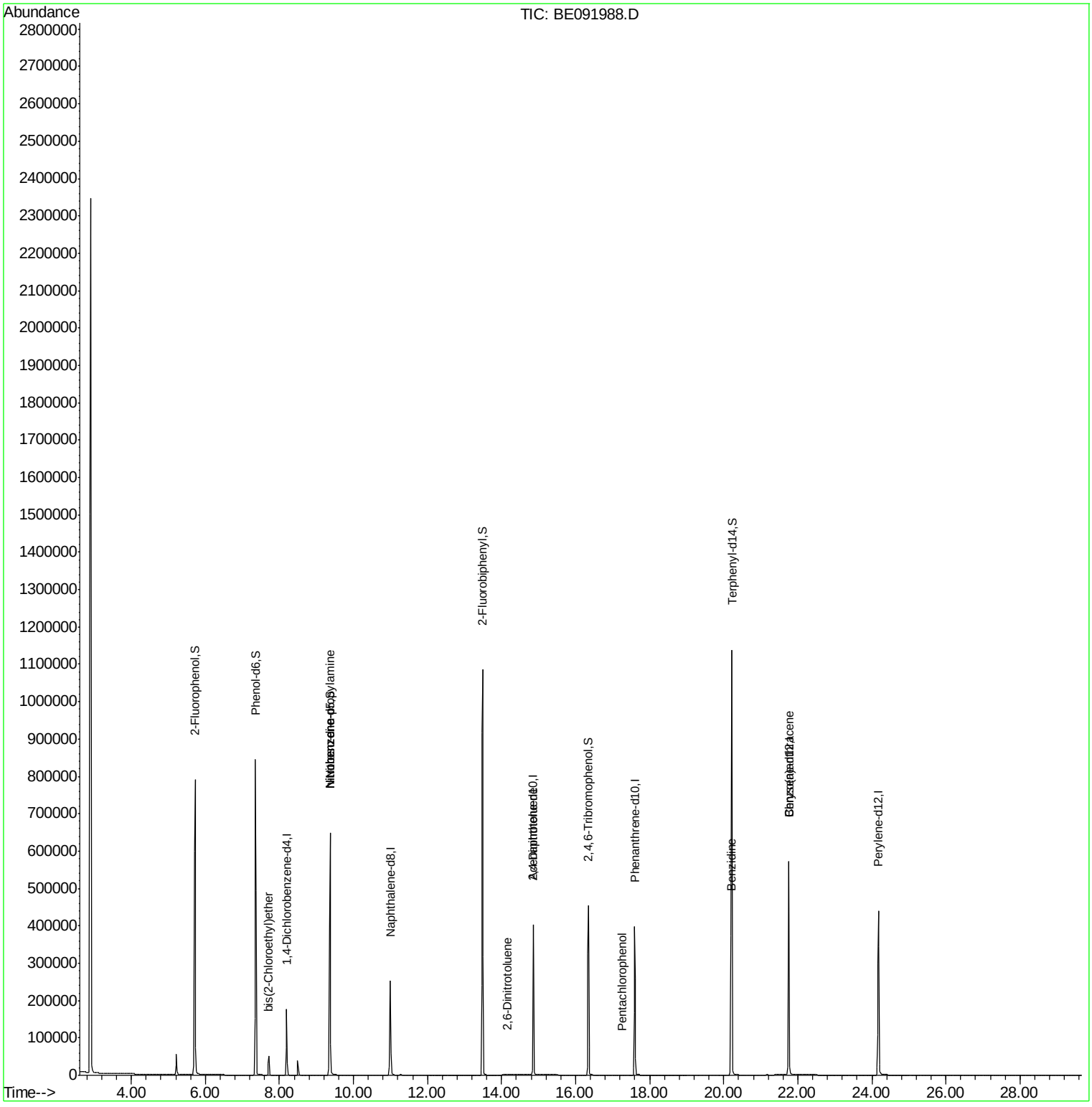
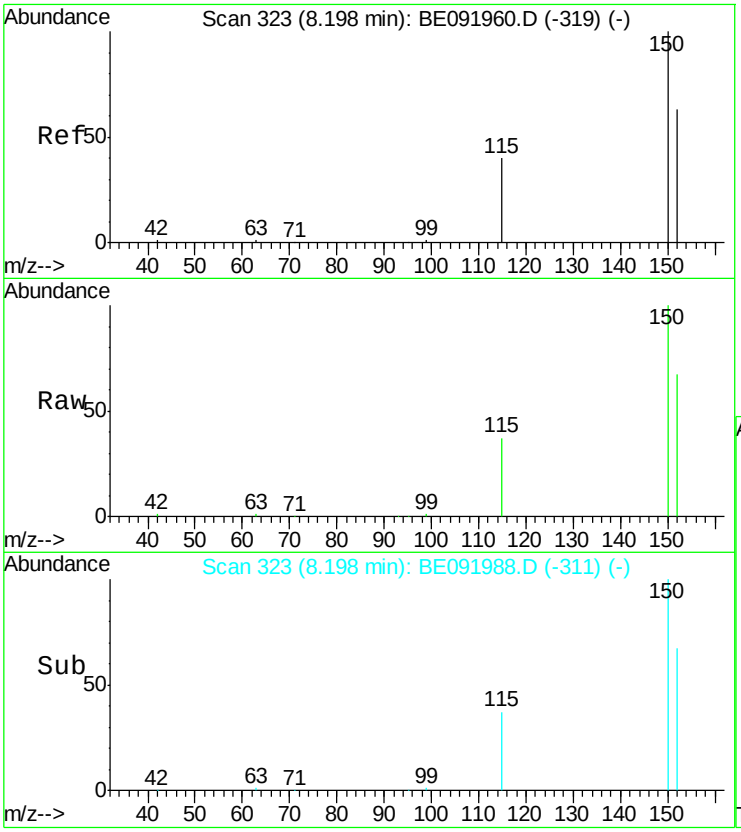


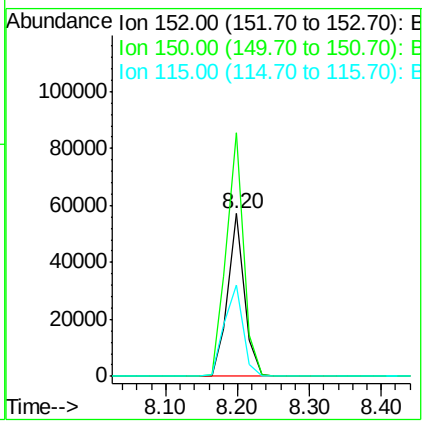


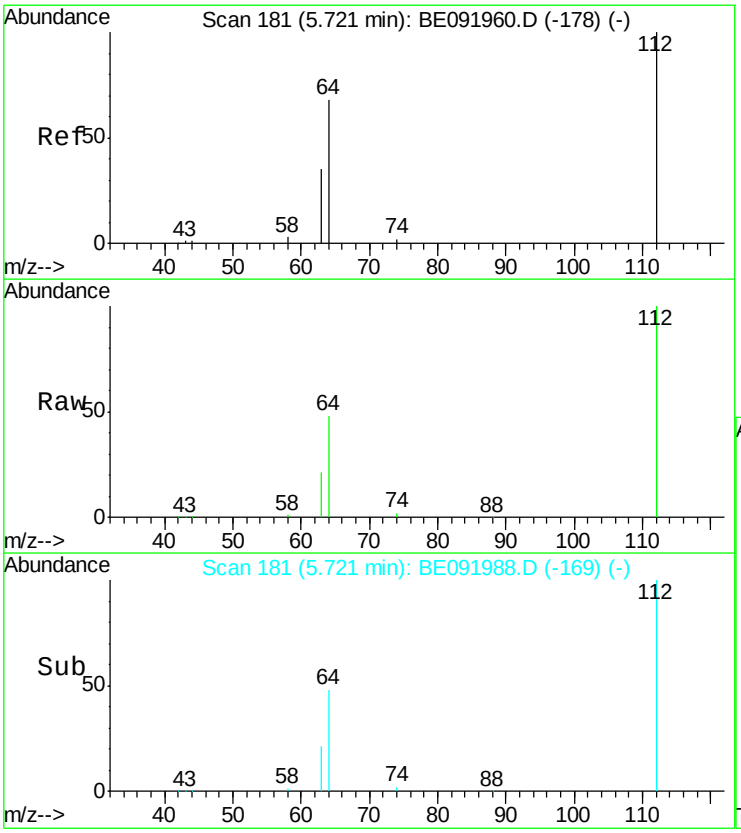
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion:152 Resp: 90822

Ion	Ratio	Lower	Upper
152	100		
150	149.9	123.9	185.9
115	55.8	48.3	72.5

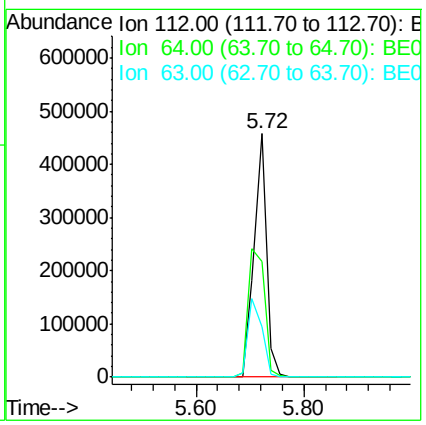


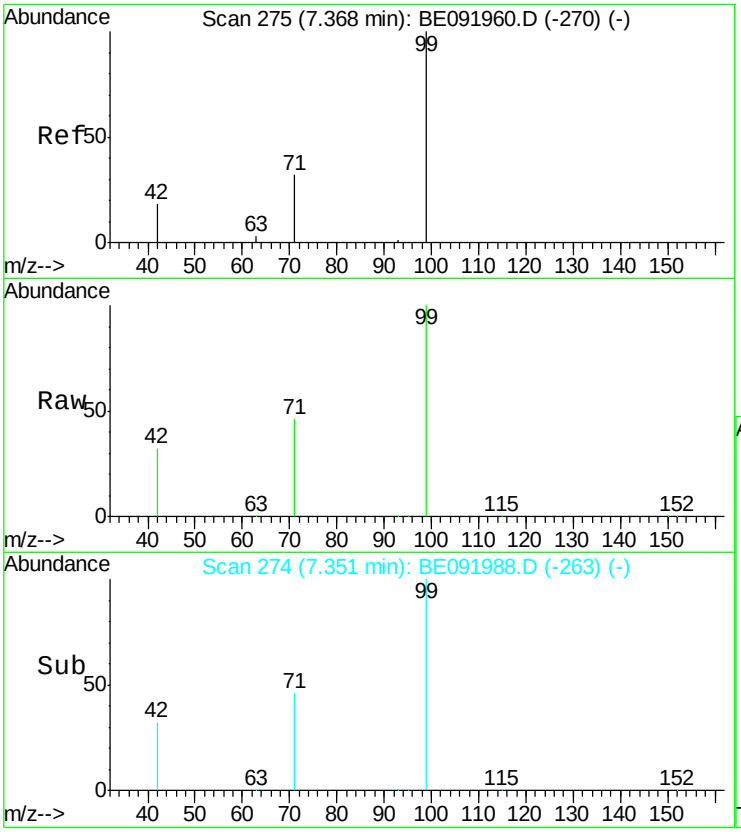


#4
2-Fluorophenol
Concen: 134.40 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:112 Resp: 730006

Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.7	80.5
63	36.9	29.5	44.3



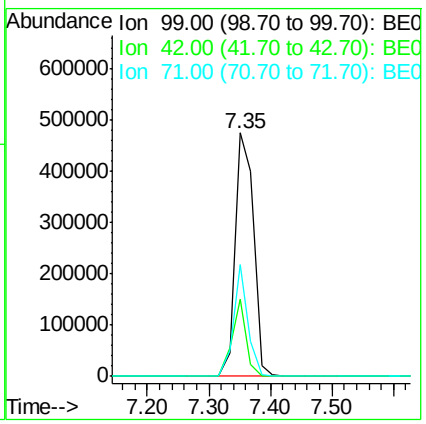


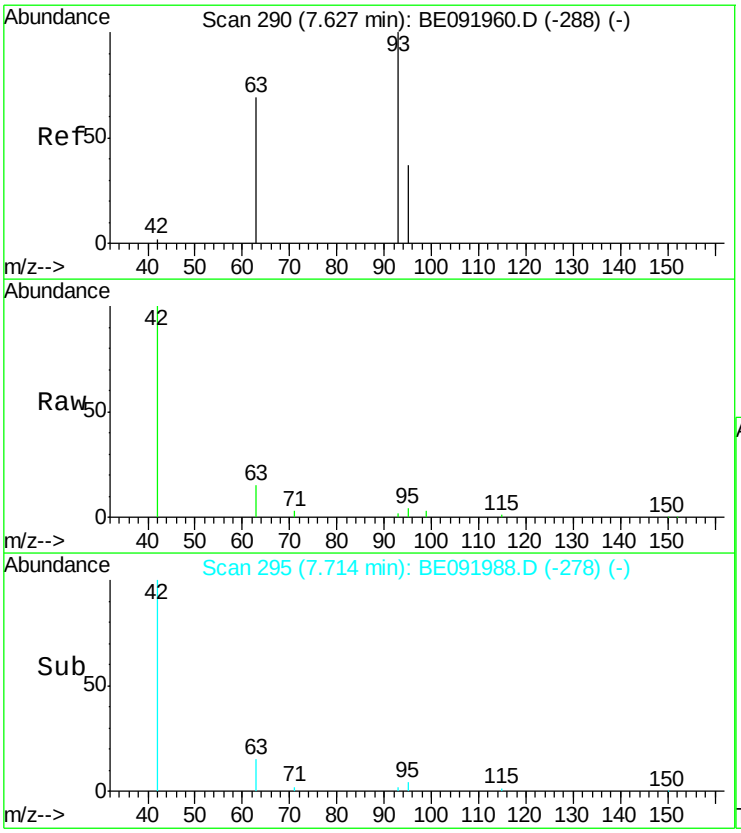
#5
Phenol-d6
Concen: 130.69 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion: 99 Resp: 986299

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.6	29.4
71	35.9	28.1	42.1

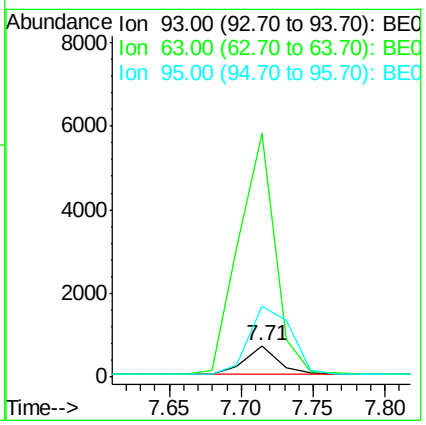


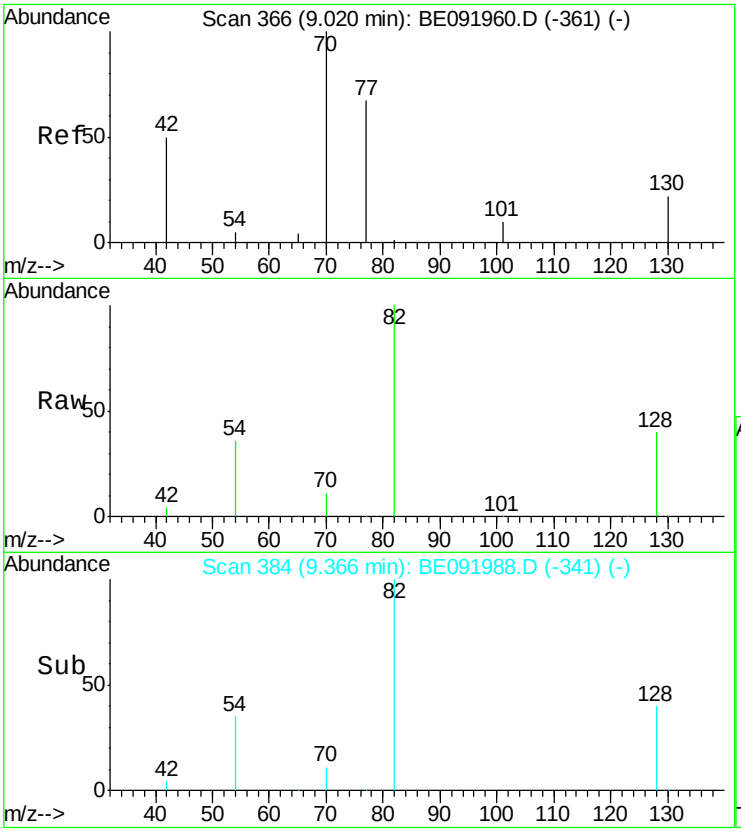


#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 7.71 min Scan# 295
Delta R.T. 0.09 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion: 93 Resp: 1091

Ion	Ratio	Lower	Upper
93	100		
63	927.2	66.2	99.4#
95	307.8	25.5	38.3#



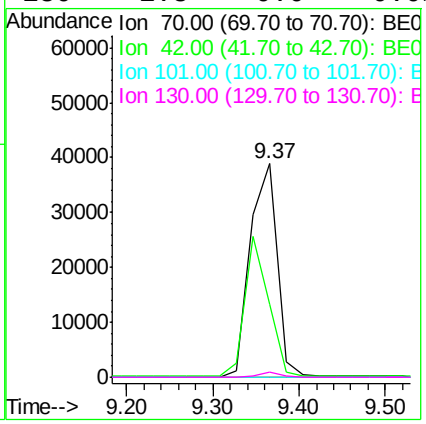


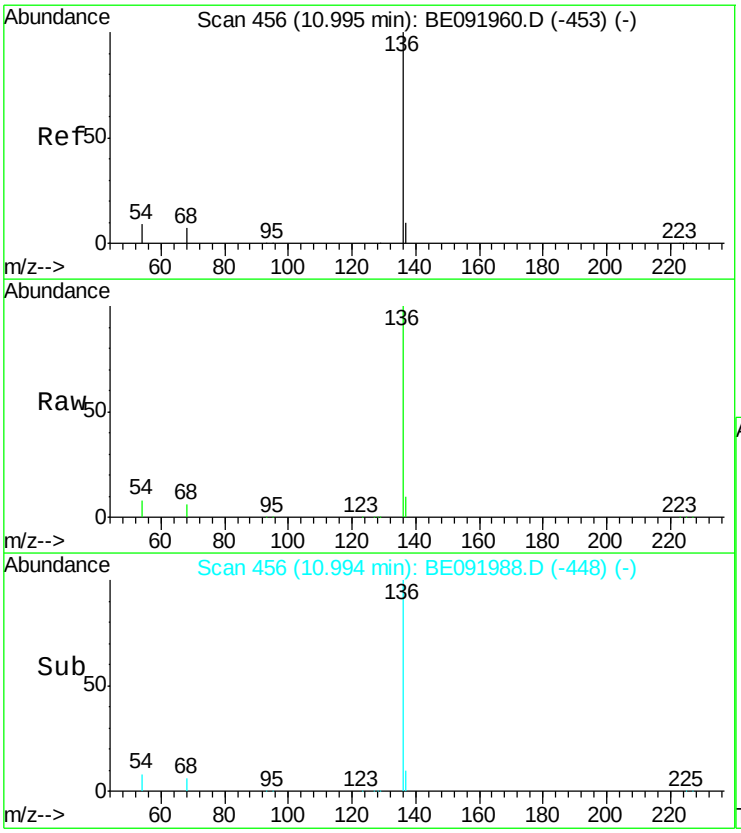
#7
n-Nitroso-di-n-propylamine
Concen: 3.34 ng
RT: 9.37 min Scan# 384
Delta R.T. 0.35 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion: 70 Resp: 84055

Ion	Ratio	Lower	Upper
70	100		
42	57.7	58.4	87.6#
101	0.0	6.4	9.6#
130	1.8	0.0	0.0#

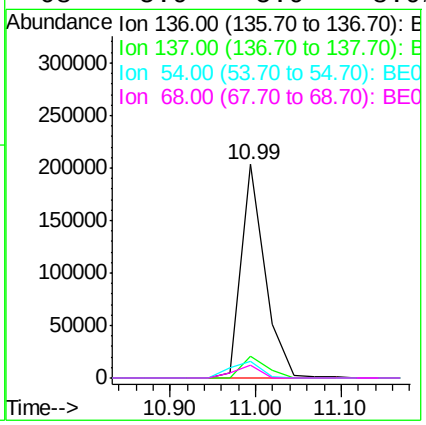


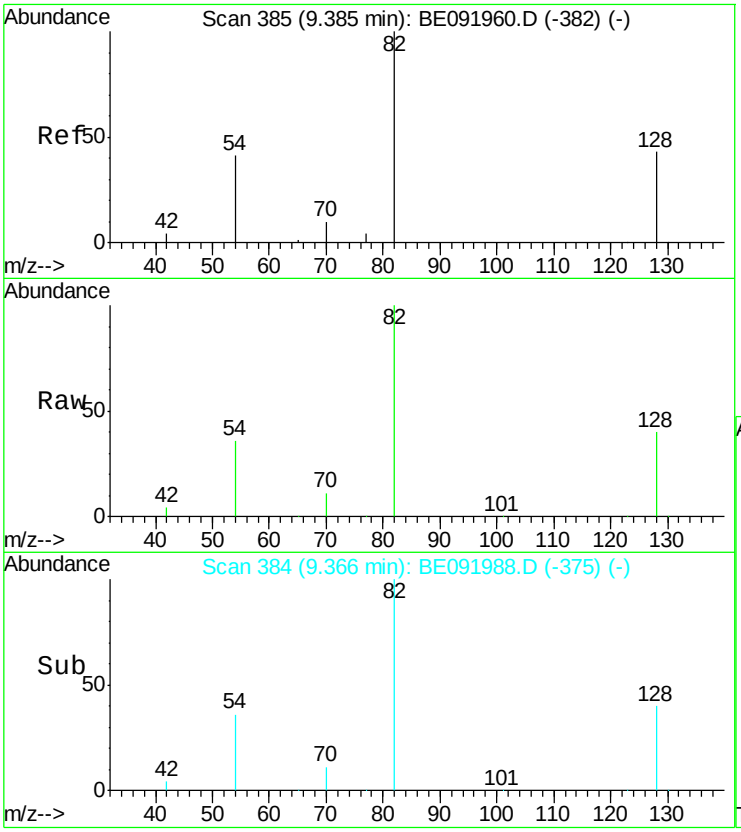


#8
Naphthalene-d8
Concen: 5.00 ng
RT: 10.99 min Scan# 456
Delta R.T. -0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:136 Resp: 396037

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	7.7	8.2	12.4#
68	5.9	5.9	8.9#



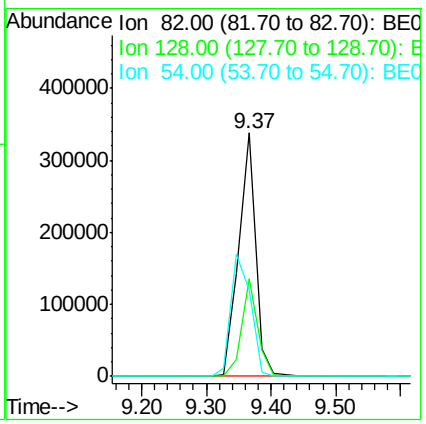


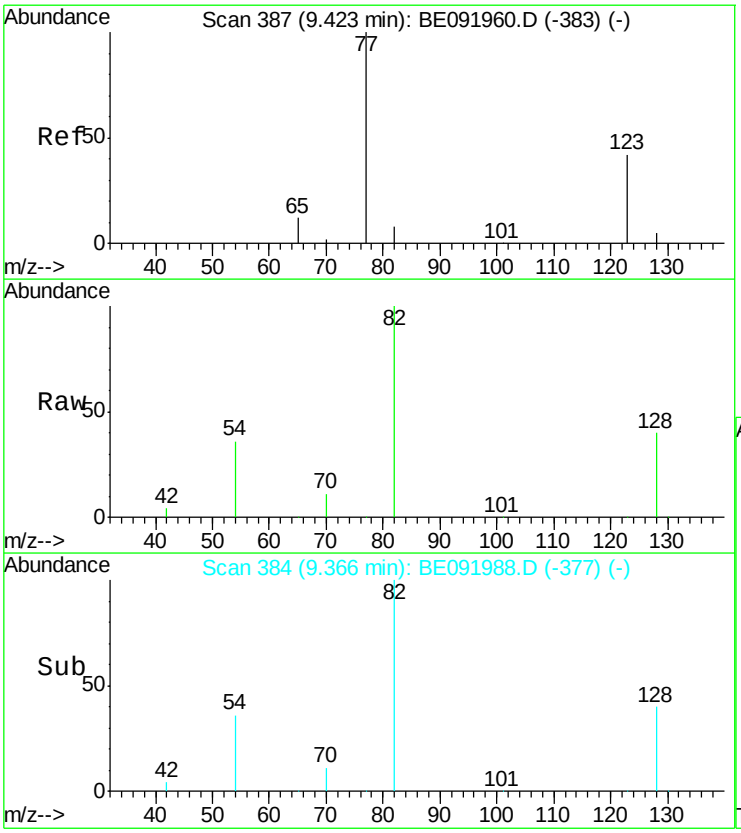
#9
Nitrobenzene-d5
Concen: 90.42 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion: 82 Resp: 609778

Ion	Ratio	Lower	Upper
82	100		
128	40.2	39.5	59.3
54	35.5	30.3	45.5

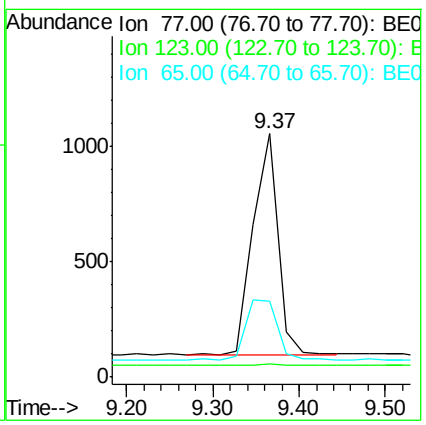


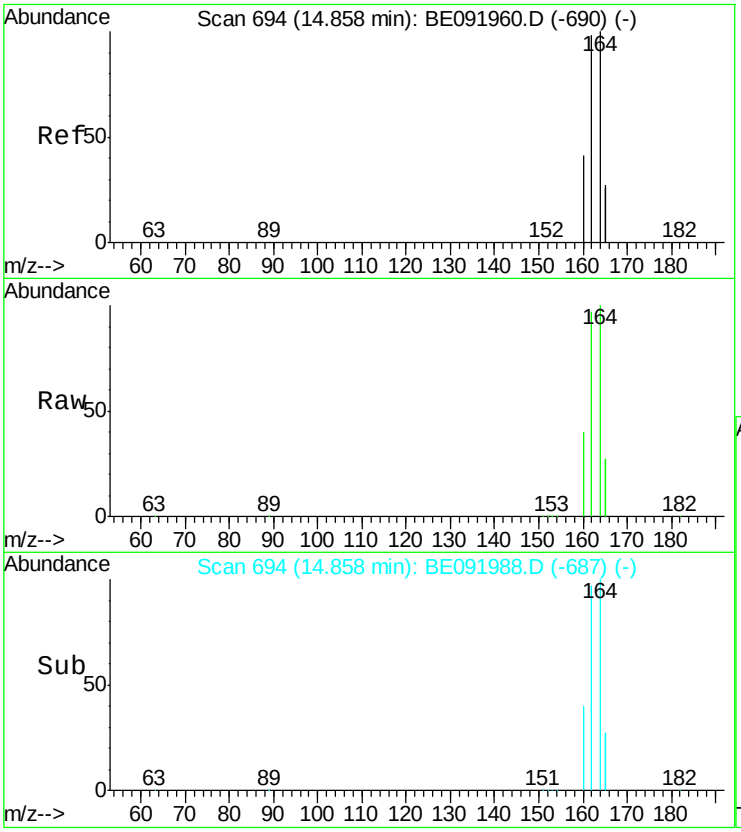


#10
Nitrobenzene
Concen: 0.06 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.06 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion: 77 Resp: 1897

Ion	Ratio	Lower	Upper
77	100		
123	1.6	0.0	0.0#
65	34.8	11.1	16.7#



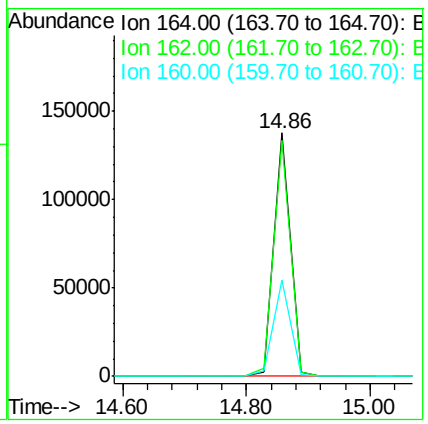


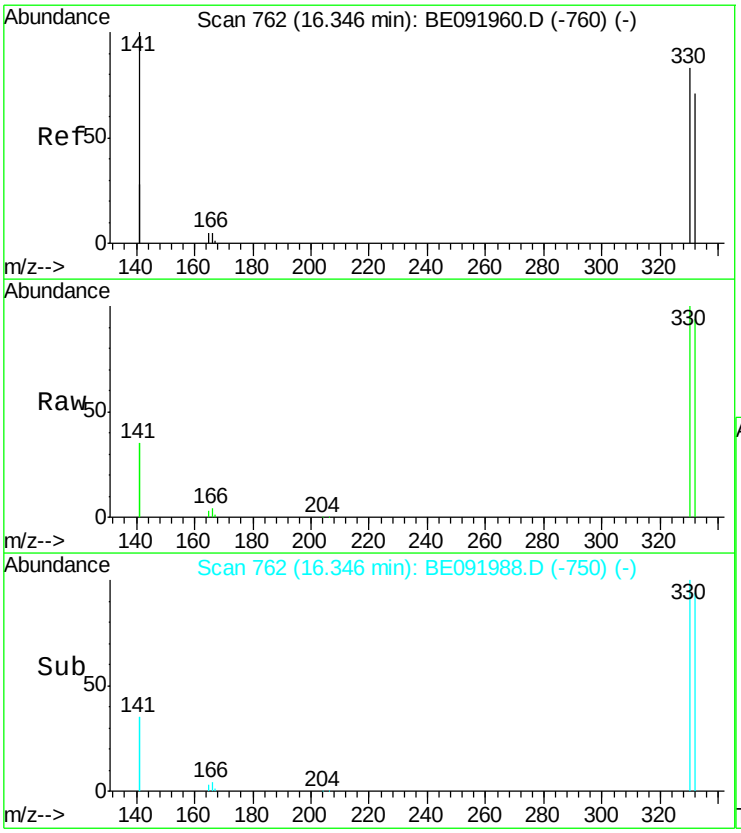
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion:164 Resp: 258054

Ion	Ratio	Lower	Upper
164	100		
162	96.8	71.8	107.8
160	39.8	28.0	42.0

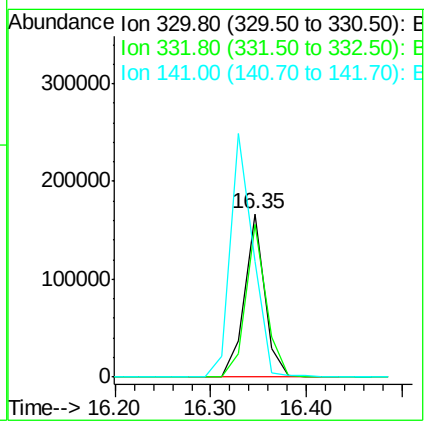


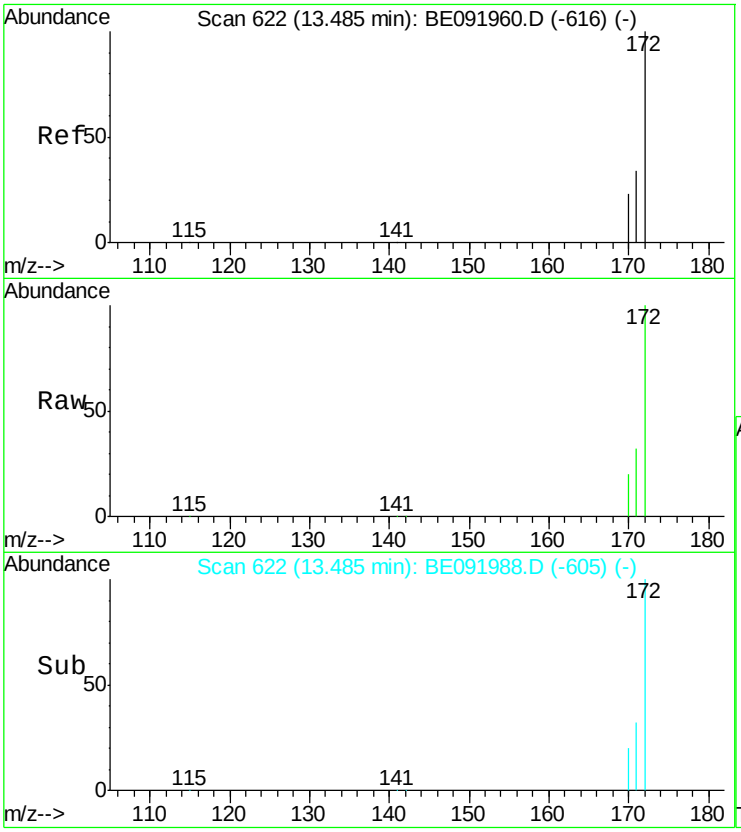


#16
2,4,6-Tribromophenol
Concen: 105.01 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:330 Resp: 245727

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	167.0	138.4	207.6



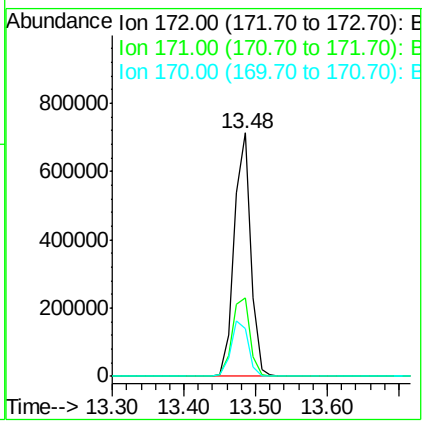


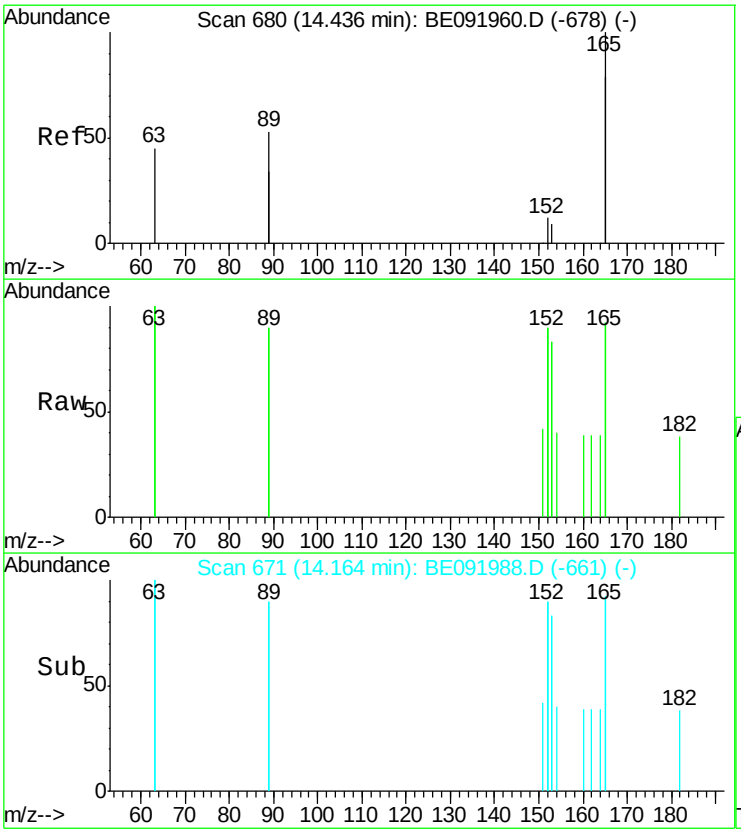
#17
2-Fluorobiphenyl
Concen: 72.49 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion:172 Resp: 1140804

Ion	Ratio	Lower	Upper
172	100		
171	32.3	24.3	36.5
170	19.7	14.9	22.3

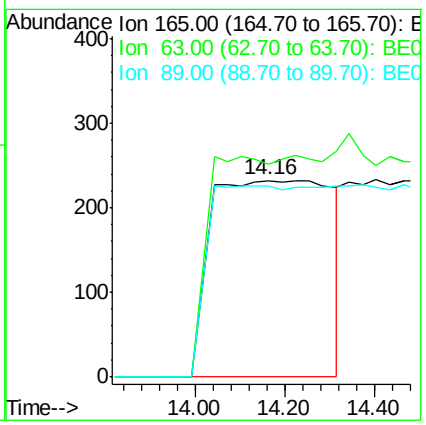


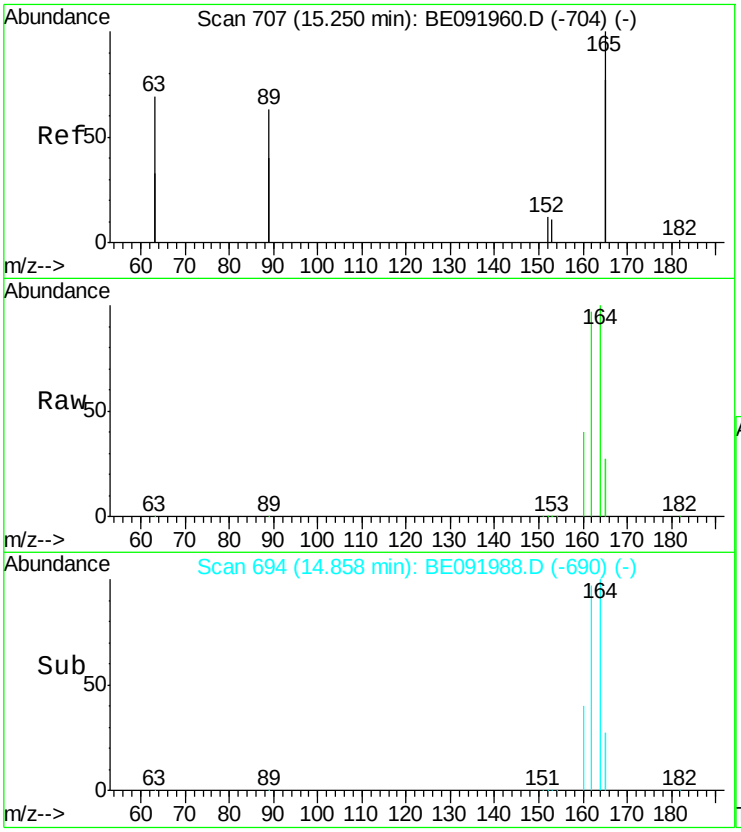


#19
2,6-Dinitrotoluene
Concen: 0.18 ng
RT: 14.16 min Scan# 671
Delta R.T. -0.27 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:165 Resp: 4153

Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	0.0	59.1	88.7#



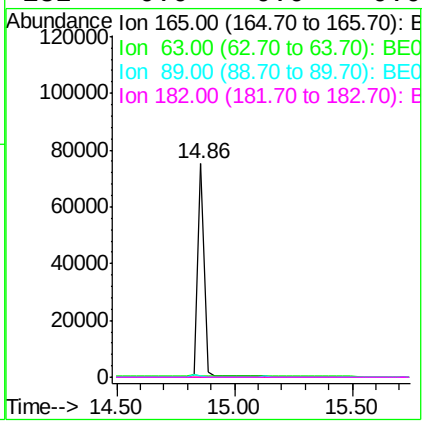


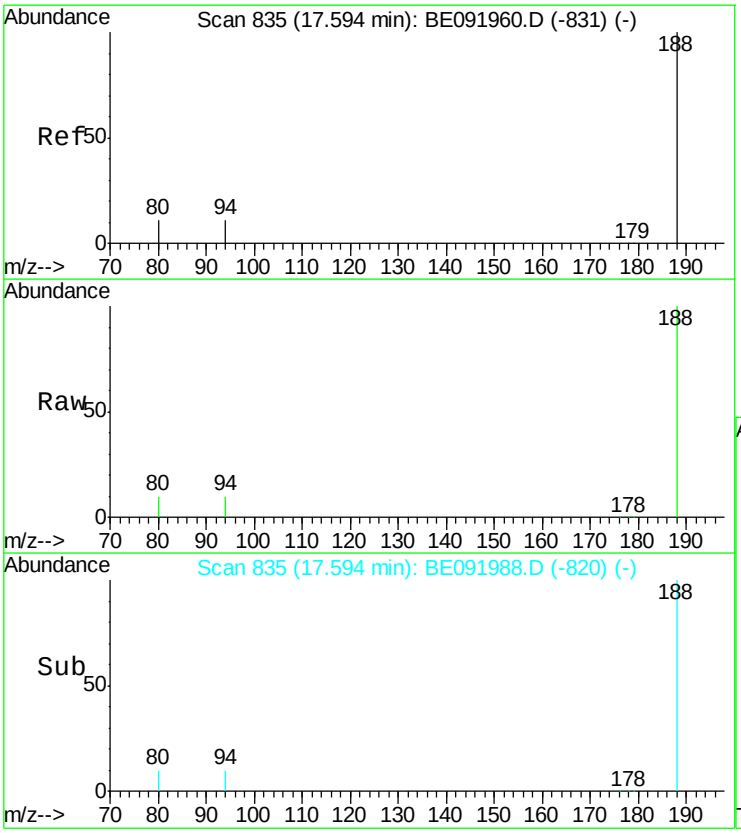
#21
2,4-Dinitrotoluene
Concen: 1.83 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.39 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument : BNA_E
ClientSampleId : PB91509BL

Tgt Ion:165 Resp: 140263

Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	0.0	0.0	0.0

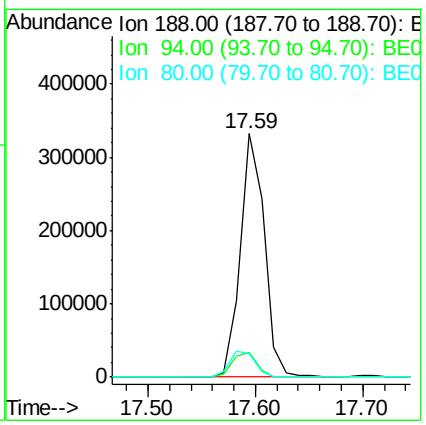


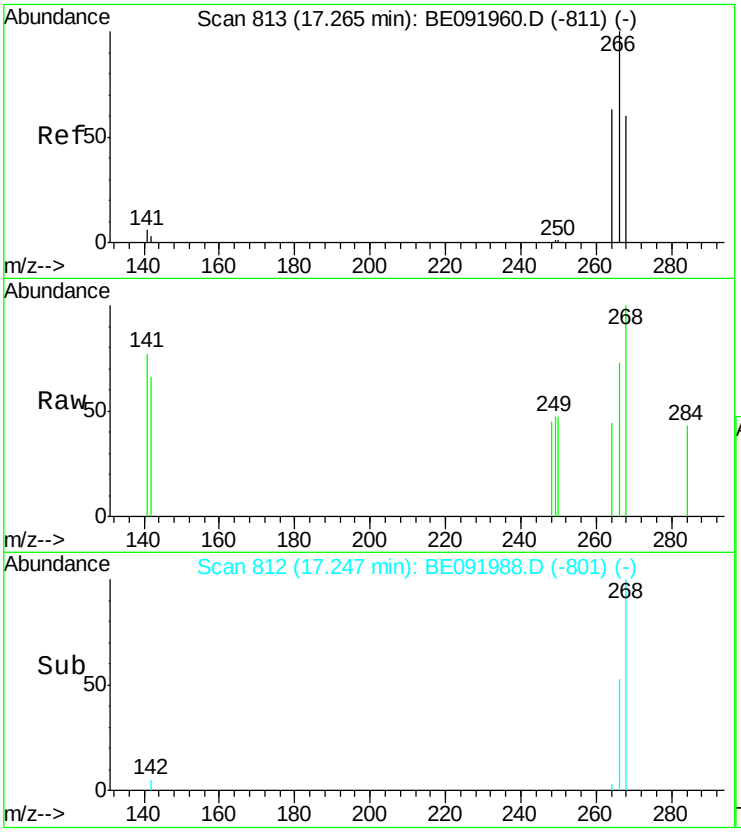


#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:188 Resp: 511692

Ion	Ratio	Lower	Upper
188	100		
94	10.0	4.1	6.1#
80	9.8	3.4	5.2#



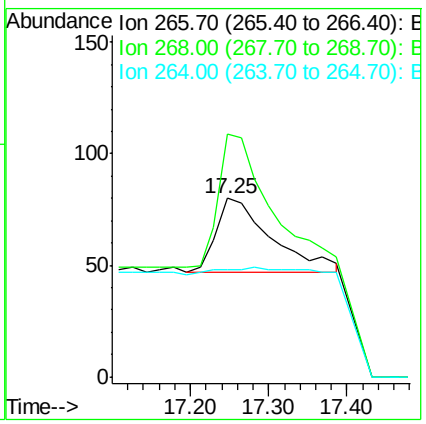


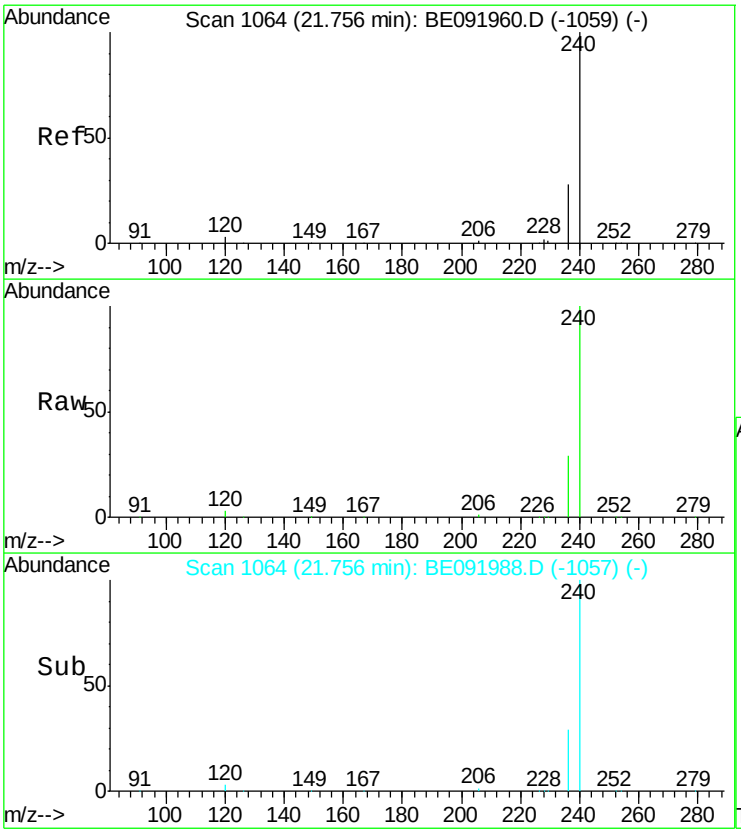
#27
Pentachlorophenol
Concen: 0.13 ng
RT: 17.25 min Scan# 812
Delta R.T. -0.02 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion:266 Resp: 161

Ion	Ratio	Lower	Upper
266	100		
268	136.3	60.5	90.7#
264	60.0	51.0	76.4

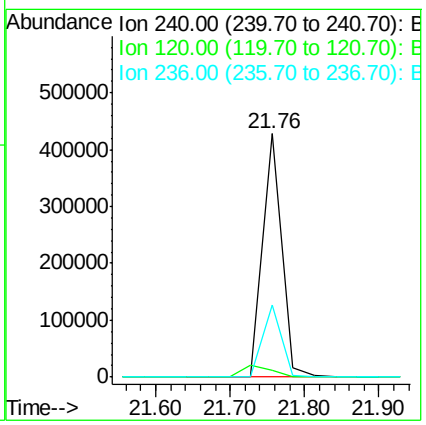


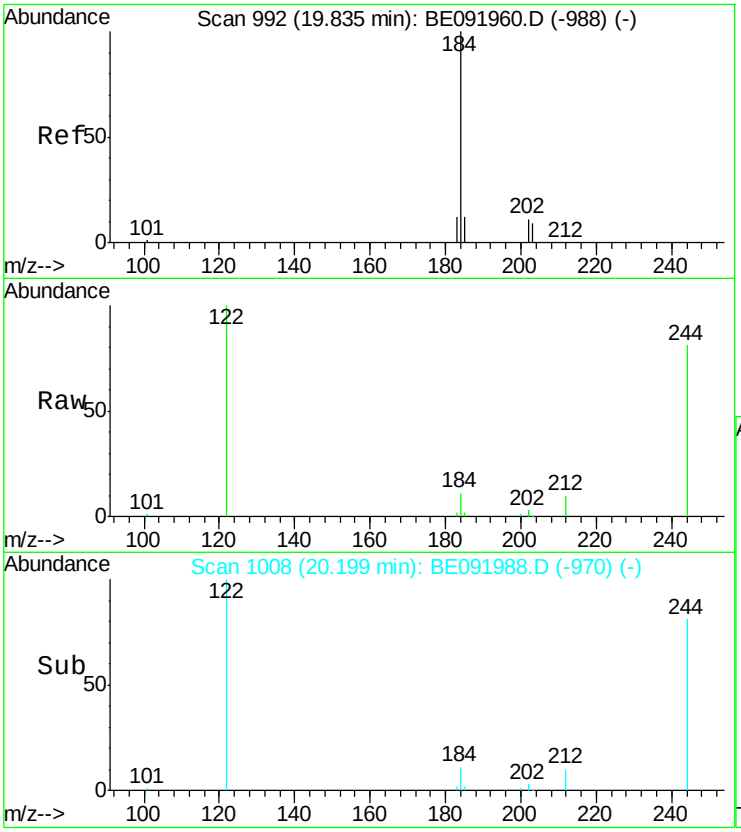


#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:240 Resp: 770905

Ion	Ratio	Lower	Upper
240	100		
120	2.6	1.2	1.8#
236	29.5	19.8	29.8



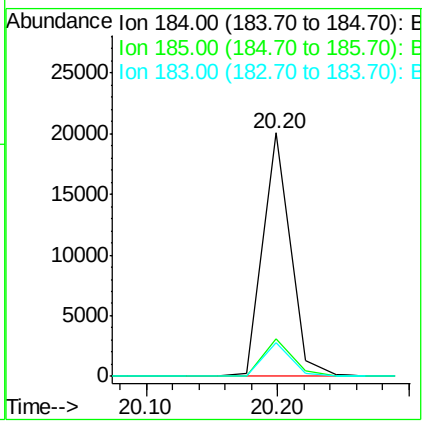


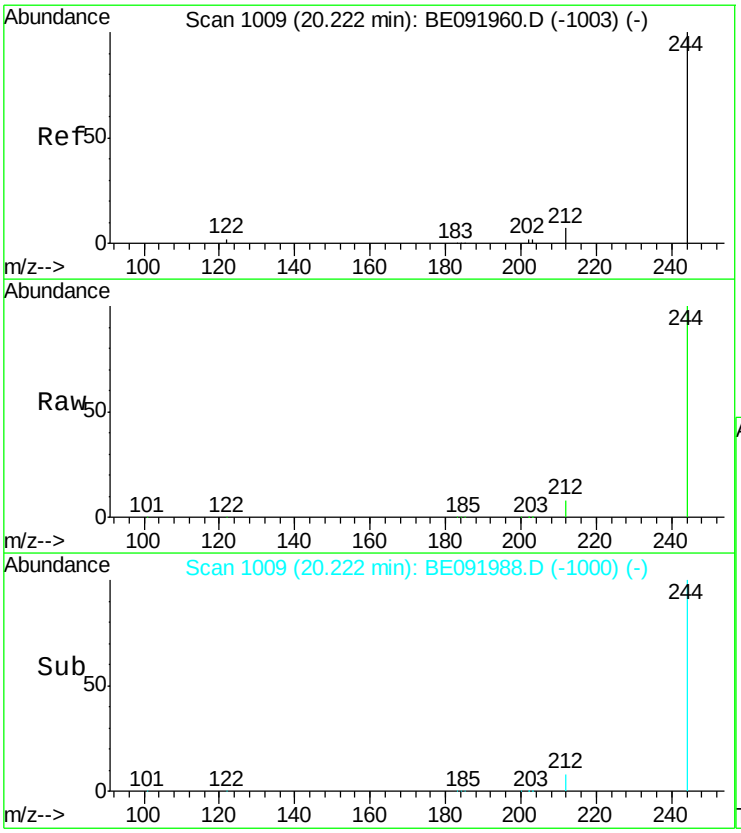
#32
Benzidine
Concen: 0.68 ng
RT: 20.20 min Scan# 1008
Delta R.T. 0.36 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion:184 Resp: 29466

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.4	17.2
183	13.7	11.8	17.6

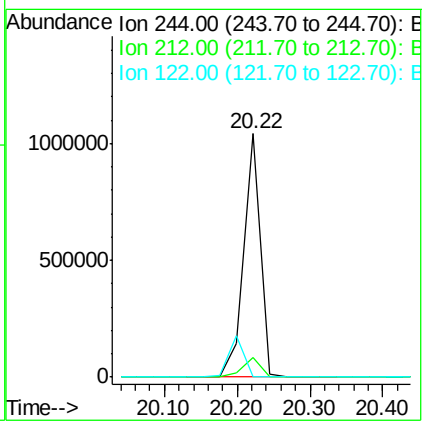


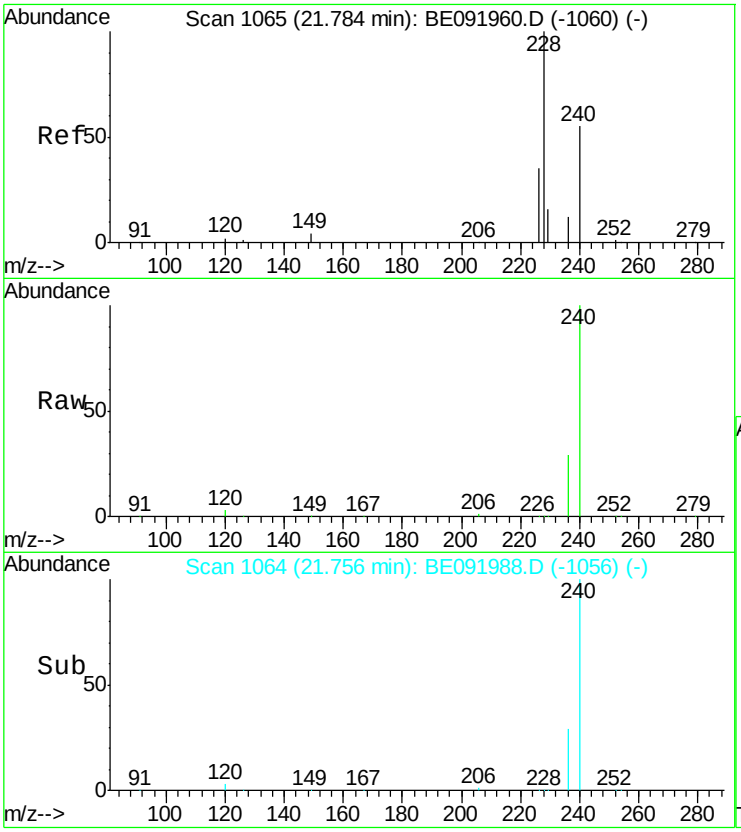


#34
Terphenyl-d14
Concen: 72.25 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:244 Resp: 1642311

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	0.3	2.9	4.3#



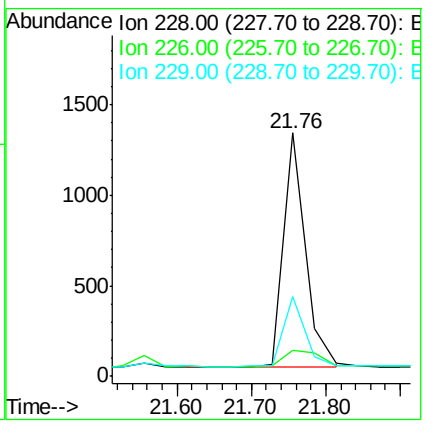


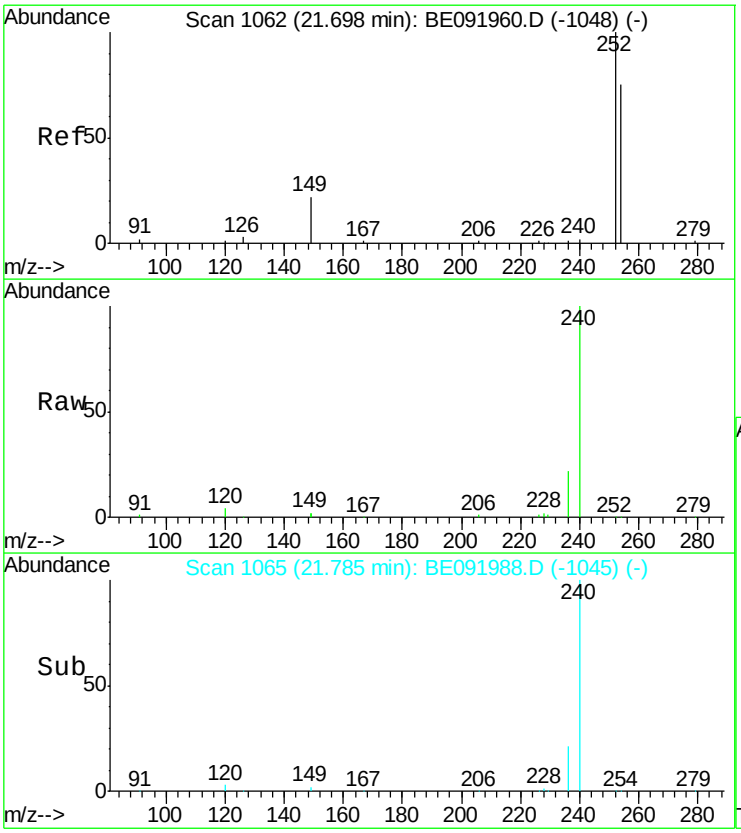
#35
Benzo(a)anthracene
Concen: 0.02 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.03 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion:228 Resp: 2670

Ion	Ratio	Lower	Upper
228	100		
226	10.8	21.0	31.4#
229	33.0	15.8	23.8#

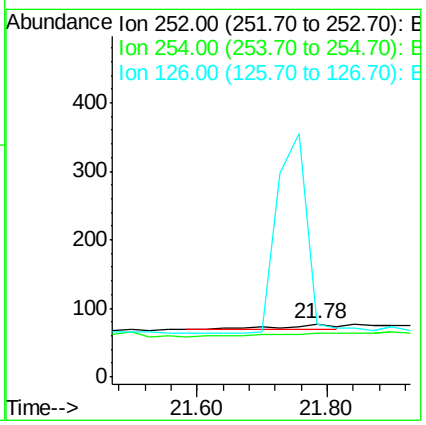


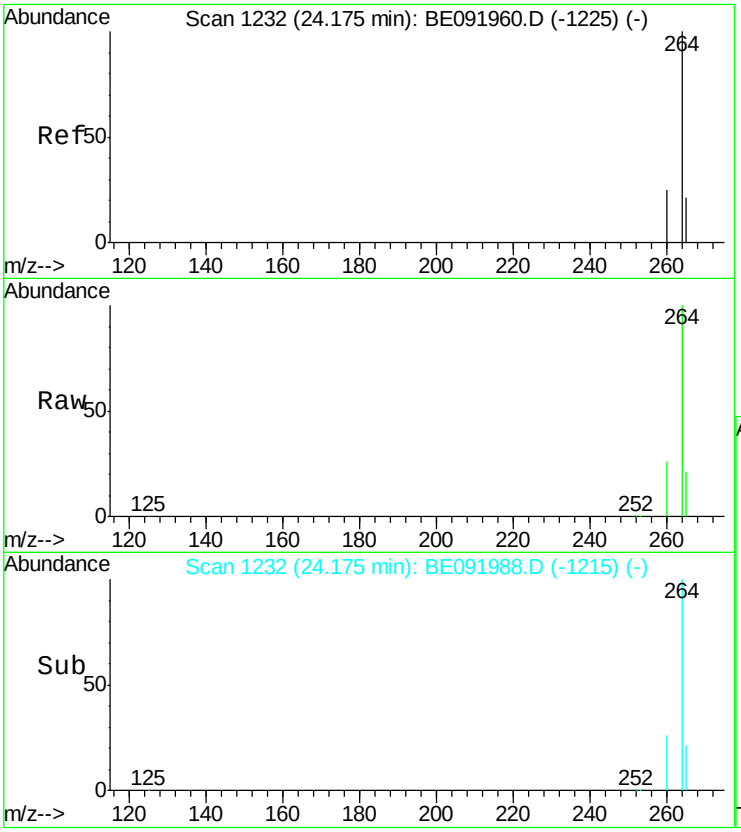


#36
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.78 min Scan# 1065
Delta R.T. 0.09 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:252 Resp: 50

Ion	Ratio	Lower	Upper
252	100		
254	81.8	61.5	92.3
126	98.7	2.5	3.7#





#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampleId :
PB91509BL

Tgt Ion:264 Resp: 658666

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.3	30.5
265	21.4	17.6	26.4