Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090804.D
Acq On : 14 Sep 2015 18:29
Operator : UM/IZ
Sample : G3657-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 091115-D534-E-D-B

Quant Time: Sep 15 00:57:51 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32886	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	135574	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	68814	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	182404	5.00	ng	0.00
25) Chrysene-d12	21.07	240	230467	5.00	ng	0.00
32) Perylene-d12	23.36	264	206870	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	15660	2.46	ng	0.00
5) Phenol-d6	6.75	99	10979	1.20	ng	0.00
7) Nitrobenzene-d5	8.71	82	32369	3.61	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	10810	5.40	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	76583	4.02	ng	0.00
27) Terphenyl-d14	19.53	244	145371	5.70	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	63	Below Cal	#	1
3) n-Nitrosodimethylamine	3.44	42	29	Below Cal	#	1
8) Nitrobenzene	8.77	77	6	0.11	ng #	37
9) Naphthalene	10.35	128	1188	0.04	ng #	67
20) Hexachlorobenzene	16.27	284	33	Below Cal	#	1
21) Pentachlorophenol	16.63	266	26	0.47	ng #	55
29) Chrysene	21.10	228	506	Below Cal	#	62
30) Bis(2-ethylhexyl)phthalate	21.00	149	1586	0.18	ng #	97
36) Dibenzo(a,h)anthracene	25.74	278	47	0.14	ng #	1

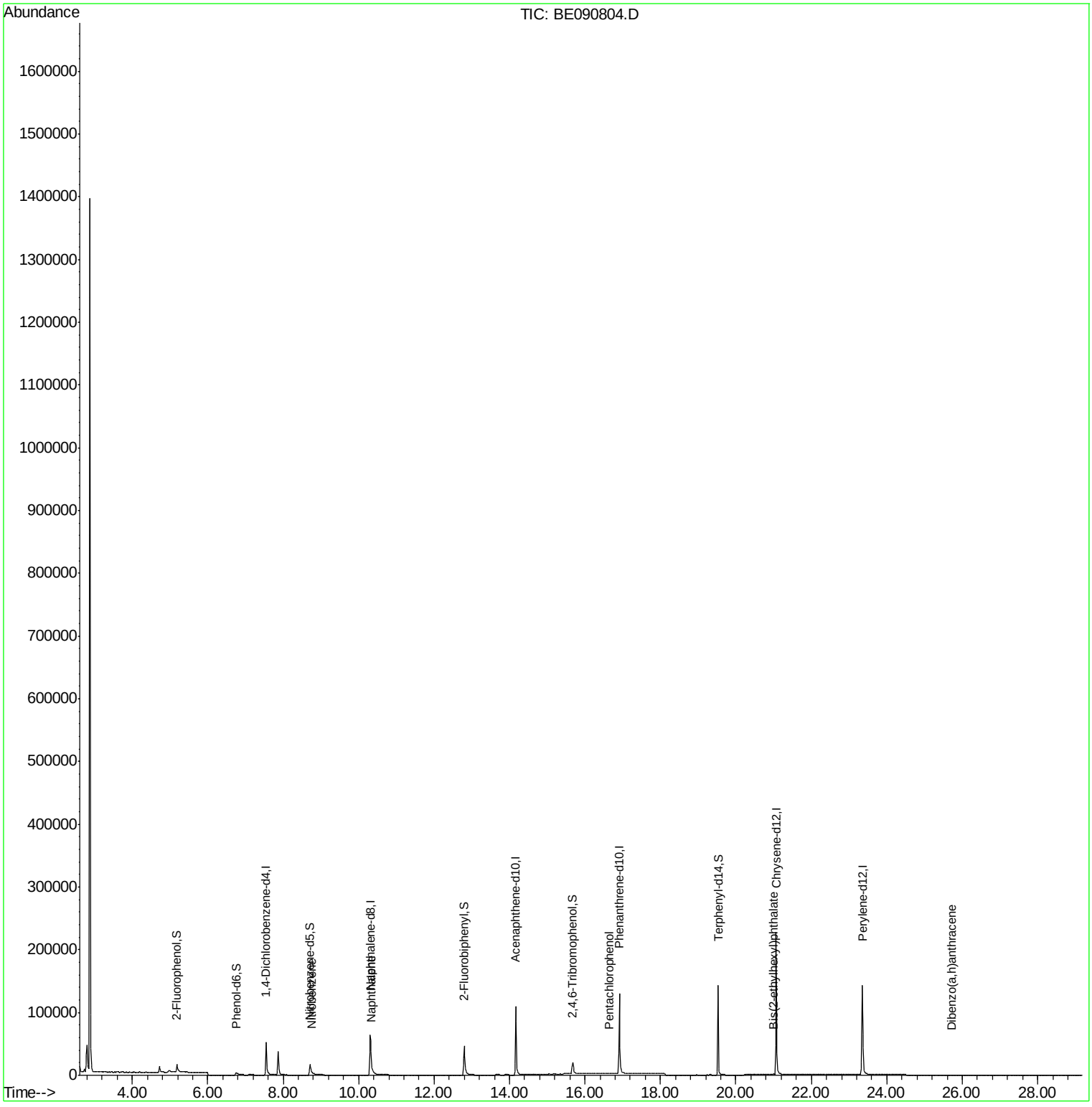
(#) = qualifier out of range (m) = manual integration (+) = signals summed

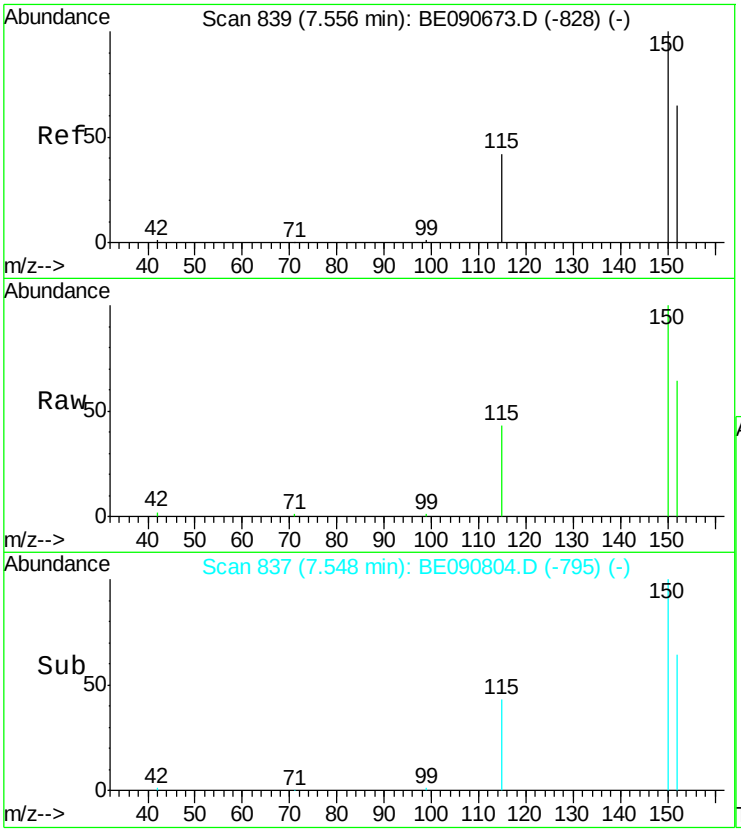
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090804.D
Acq On : 14 Sep 2015 18:29
Operator : UM/IZ
Sample : G3657-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Quant Time: Sep 15 00:57:51 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



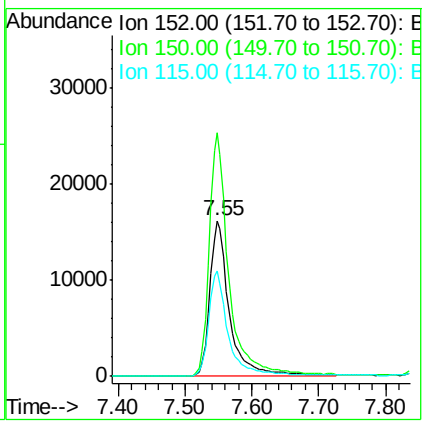


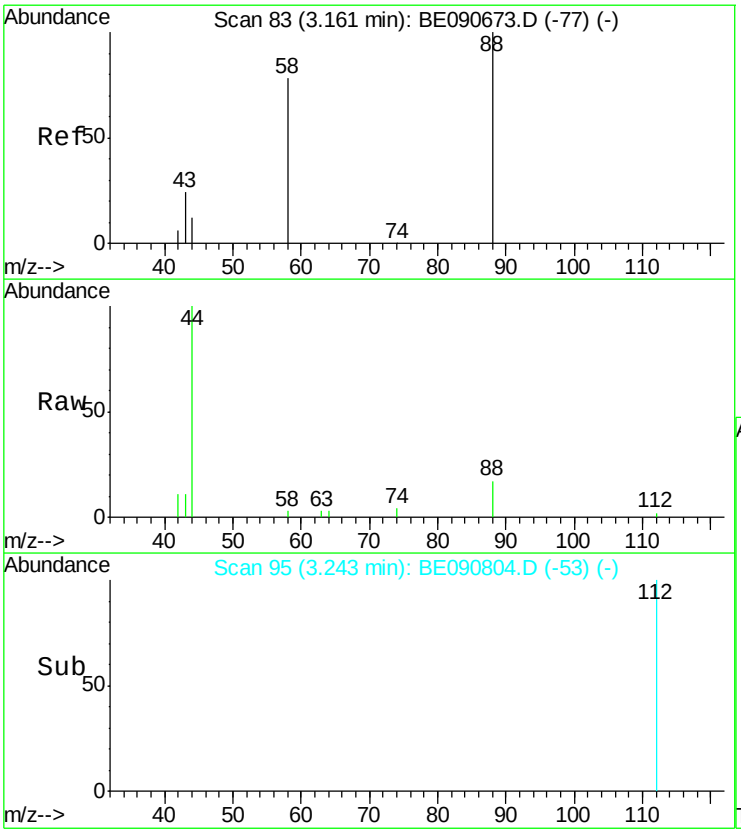
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 837
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:152 Resp: 32886

Ion	Ratio	Lower	Upper
152	100		
150	156.3	122.2	183.4
115	67.4	51.0	76.4

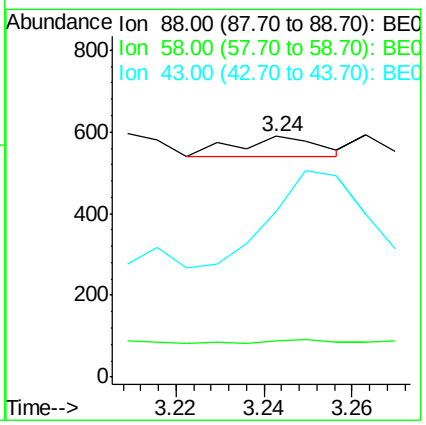


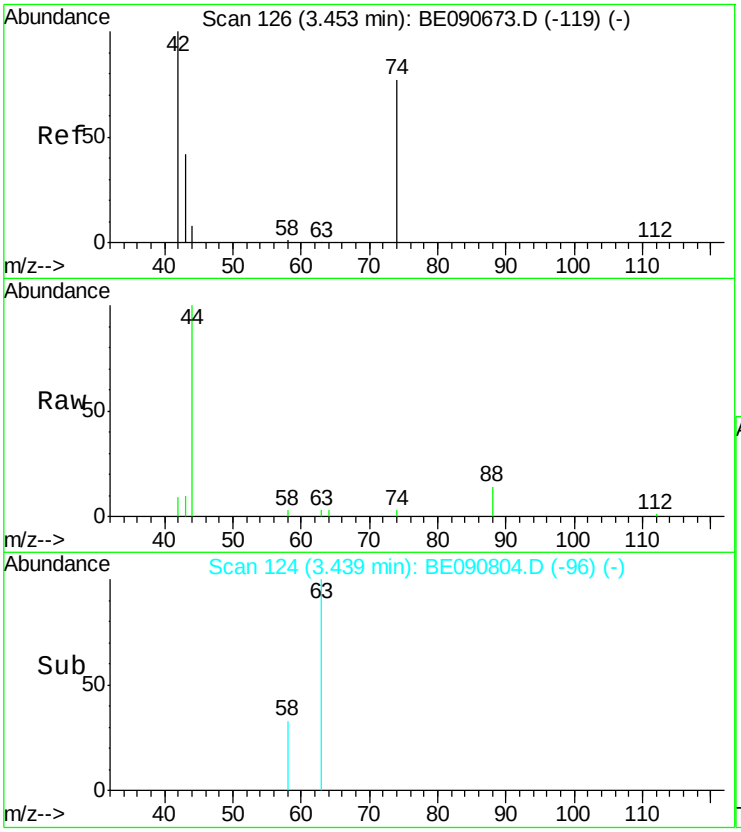


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.24 min Scan# 95
Delta R.T. 0.08 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
58	17.5	68.4	102.6#
43	734.9	26.9	40.3#



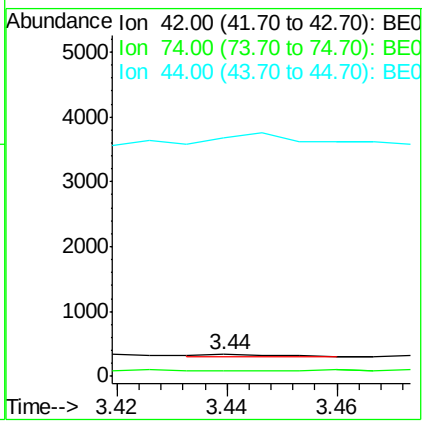


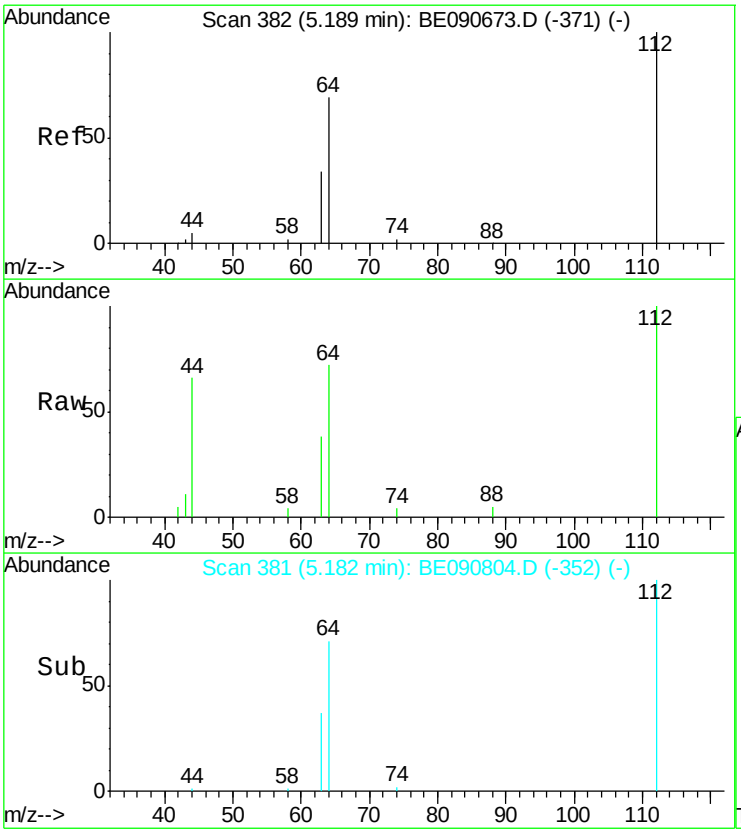
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.44 min Scan# 124
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion: 42 Resp: 29

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	969.0	10.0	15.0#

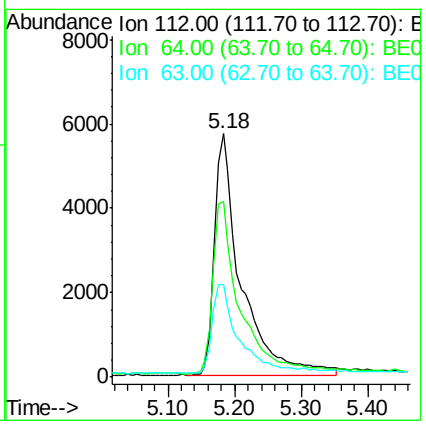


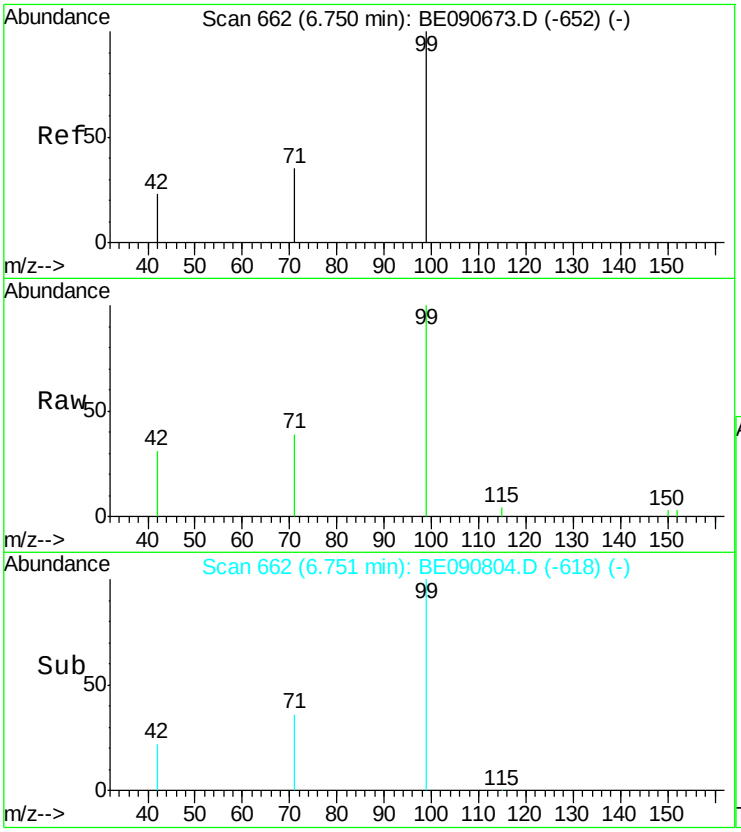


#4
2-Fluorophenol
Concen: 2.46 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:112 Resp: 15660

Ion	Ratio	Lower	Upper
112	100		
64	73.3	57.3	85.9
63	36.7	29.2	43.8



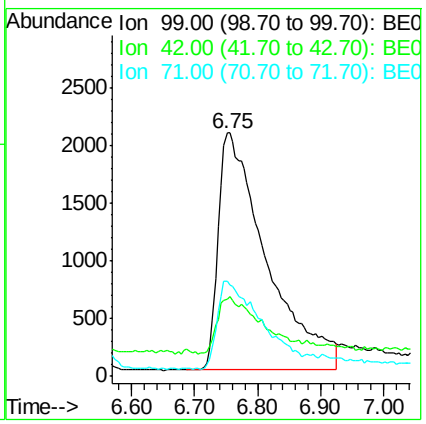


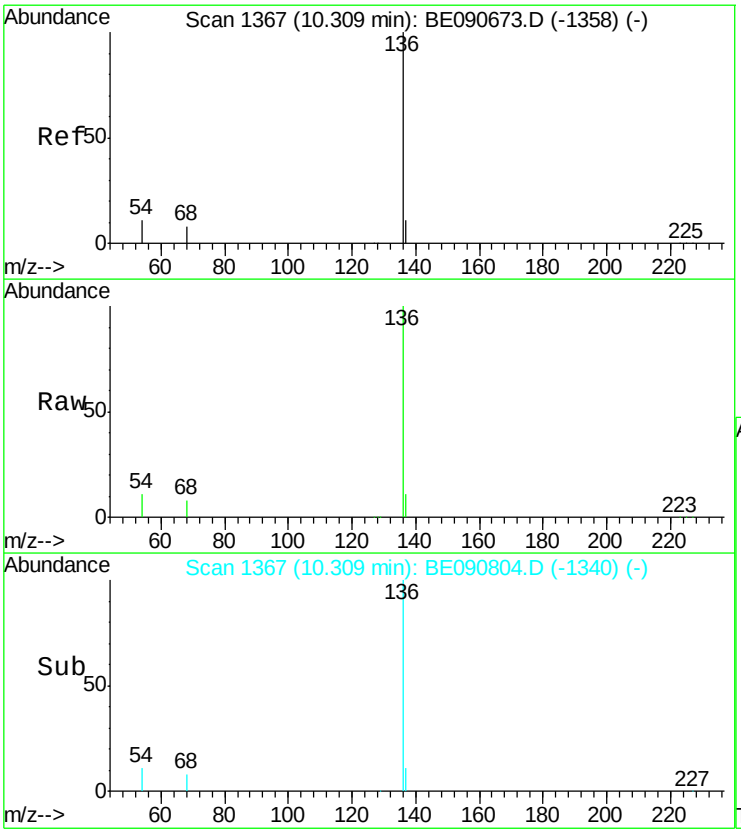
#5
Phenol-d6
Concen: 1.20 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion: 99 Resp: 10979

Ion	Ratio	Lower	Upper
99	100		
42	22.2	16.8	25.2
71	33.8	28.3	42.5

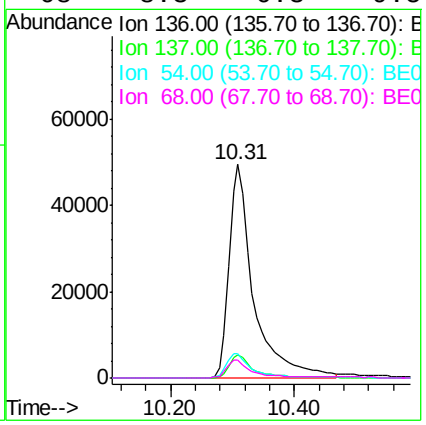


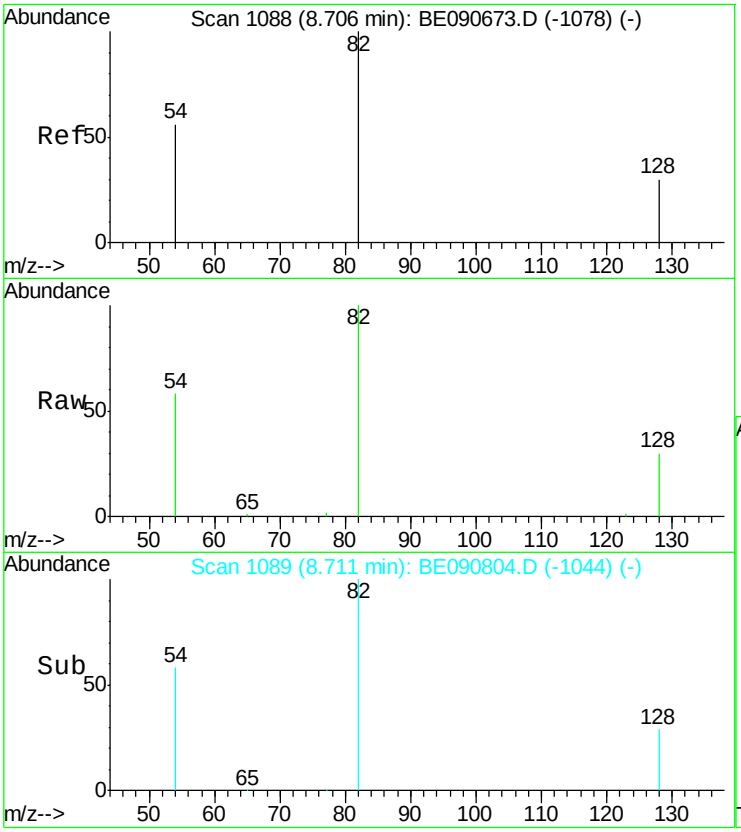


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:136 Resp: 135574

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.5	9.0	13.6
68	8.3	6.3	9.5



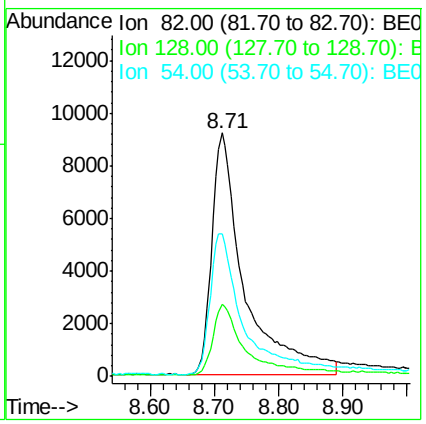


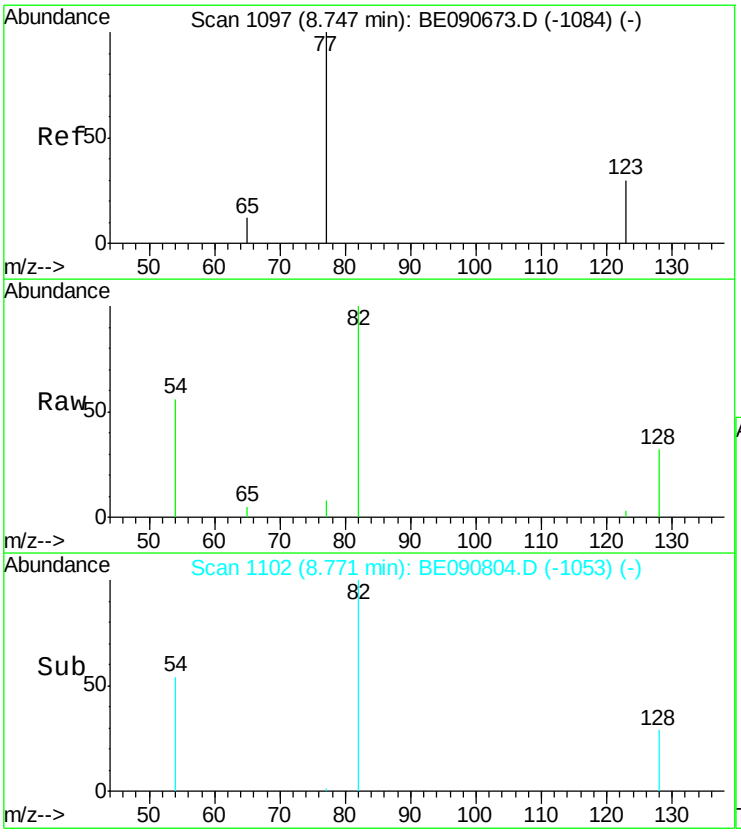
#7
Nitrobenzene-d5
Concen: 3.61 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion: 82 Resp: 32369

Ion	Ratio	Lower	Upper
82	100		
128	29.6	25.0	37.4
54	58.3	46.3	69.5

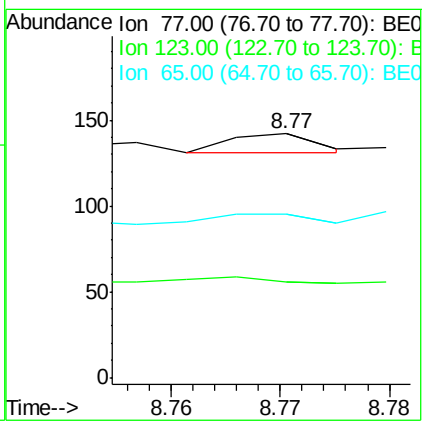


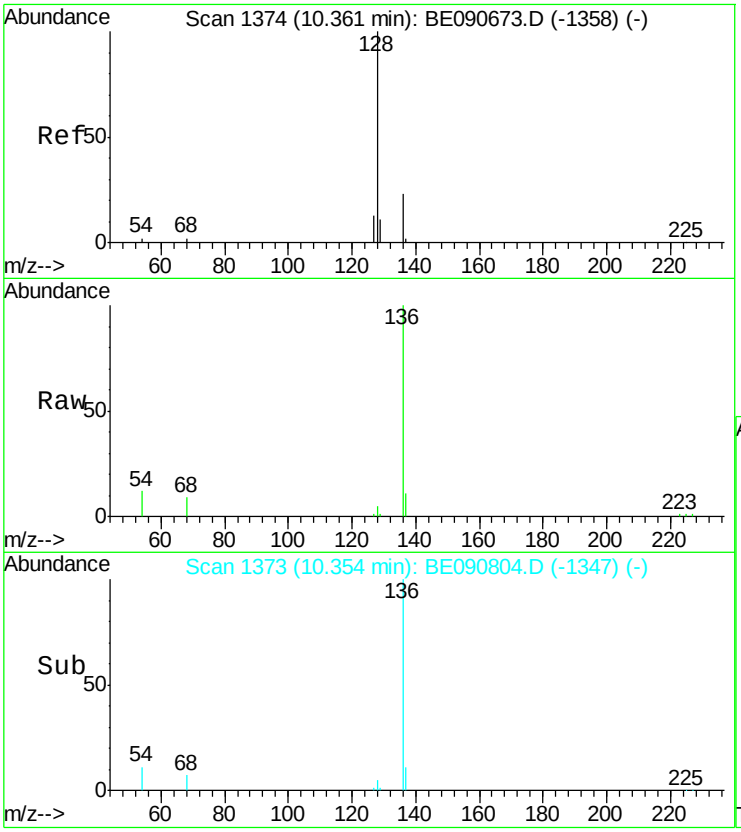


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.02 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion: 77 Resp: 6

Ion	Ratio	Lower	Upper
77	100		
123	50.0	25.1	37.7#
65	66.7	9.9	14.9#



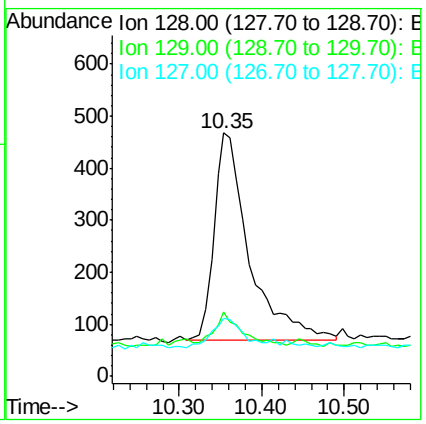


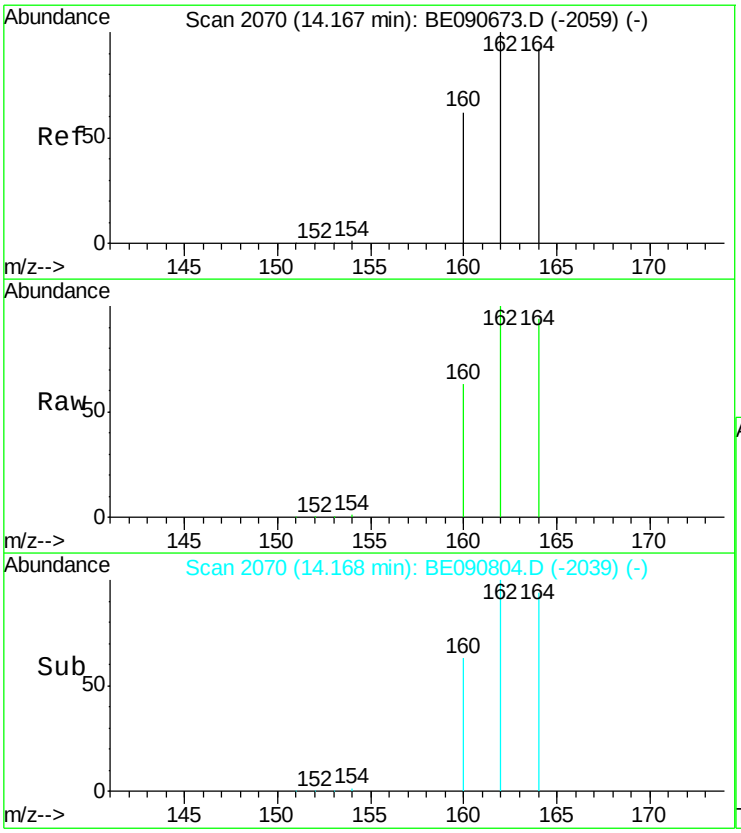
#9
Naphthalene
Concen: 0.04 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:128 Resp: 1188

Ion	Ratio	Lower	Upper
128	100		
129	26.5	9.0	13.6#
127	23.7	10.6	15.8#

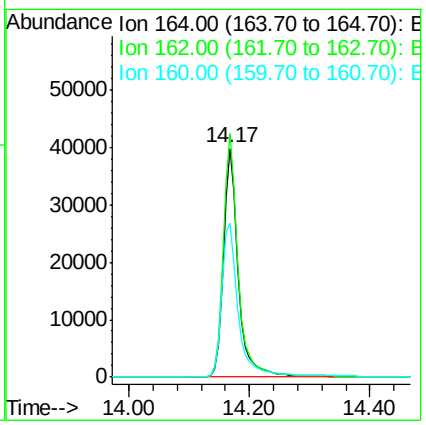


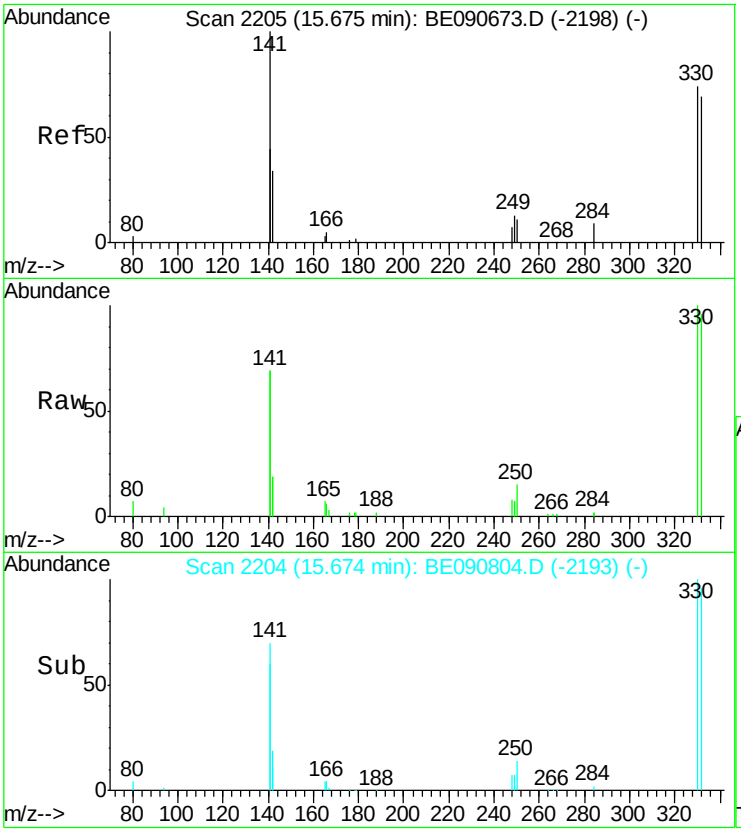


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:164 Resp: 68814

Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.8	130.2
160	67.4	53.9	80.9



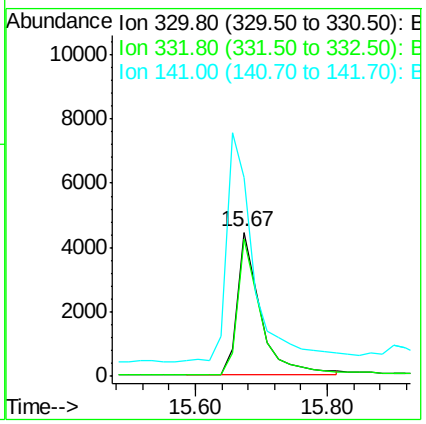


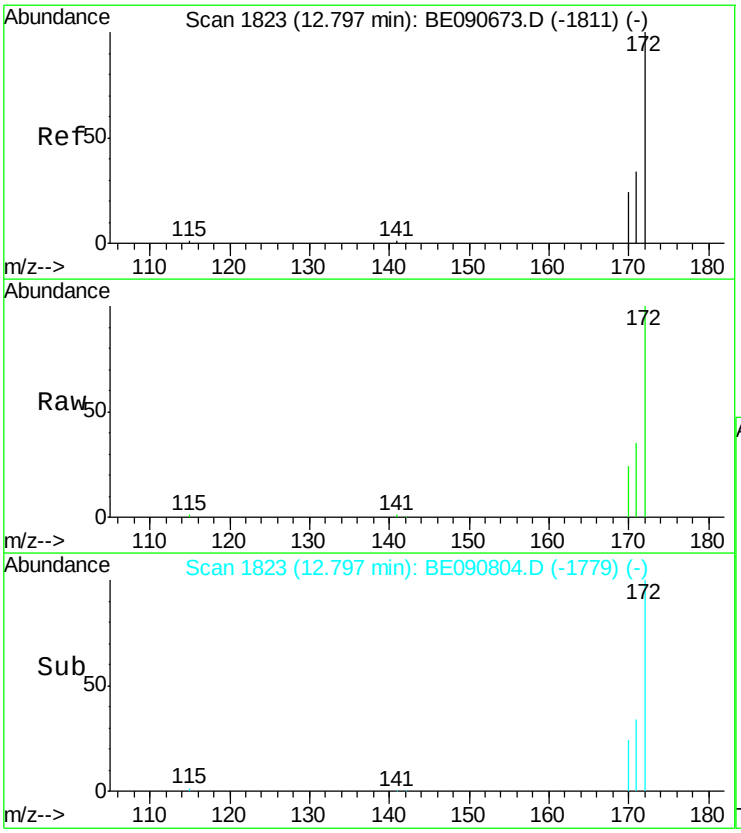
#13
2,4,6-Tribromophenol
Concen: 5.40 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:330 Resp: 10810

Ion	Ratio	Lower	Upper
330	100		
332	96.1	74.9	112.3
141	190.8	145.2	217.8

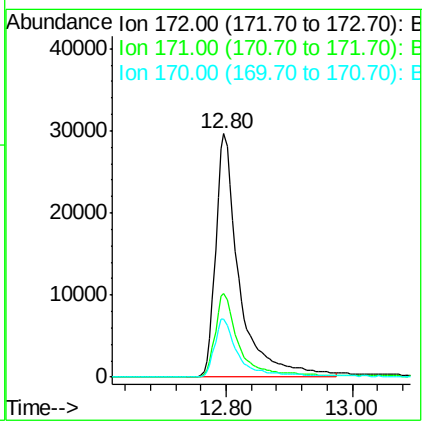


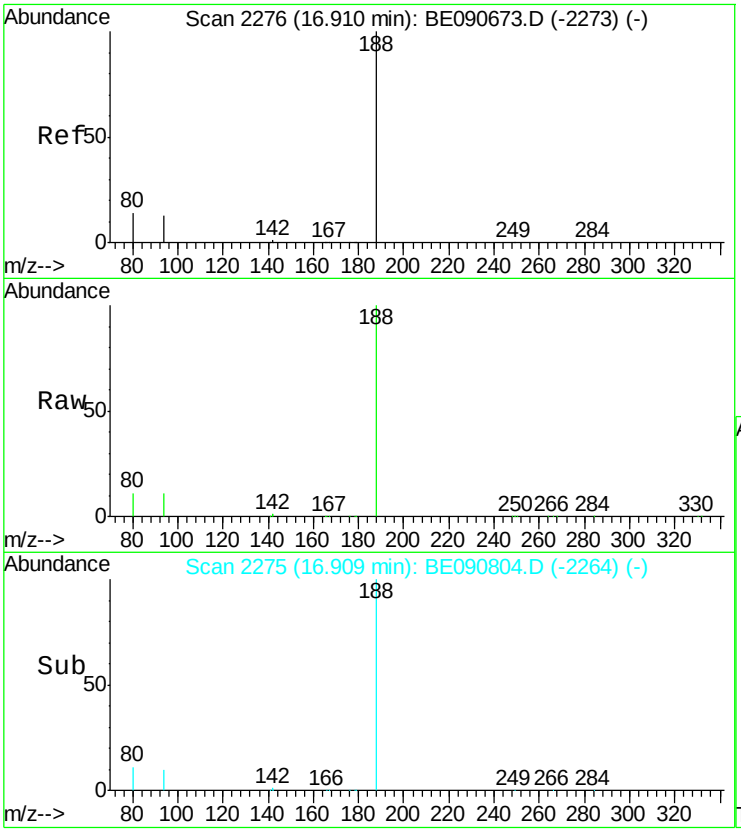


#14
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 12.80 min Scan# 1823
Delta R.T. -0.00 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:172 Resp: 76583

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.8
170	24.0	19.8	29.6



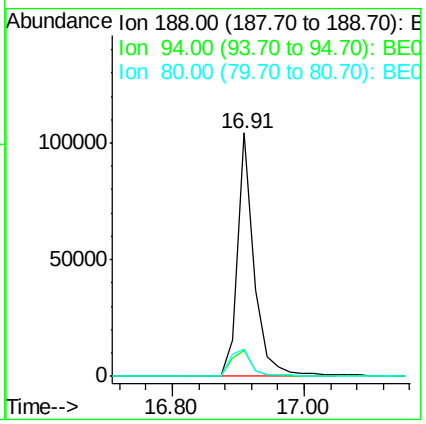


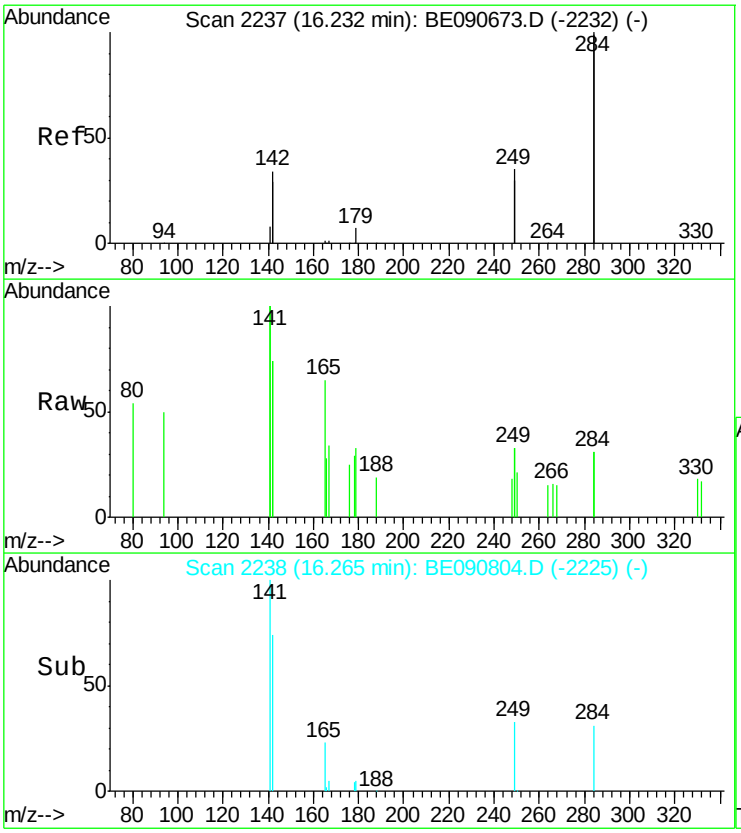
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:188 Resp: 182404

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.3	15.5
80	11.4	11.0	16.6

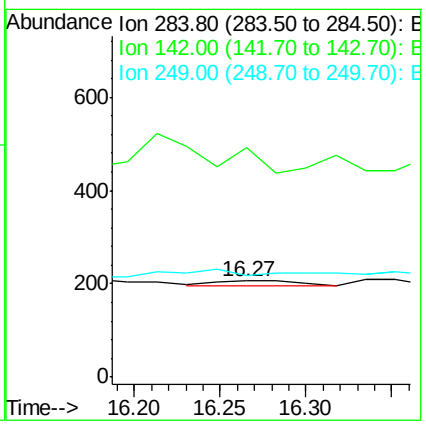


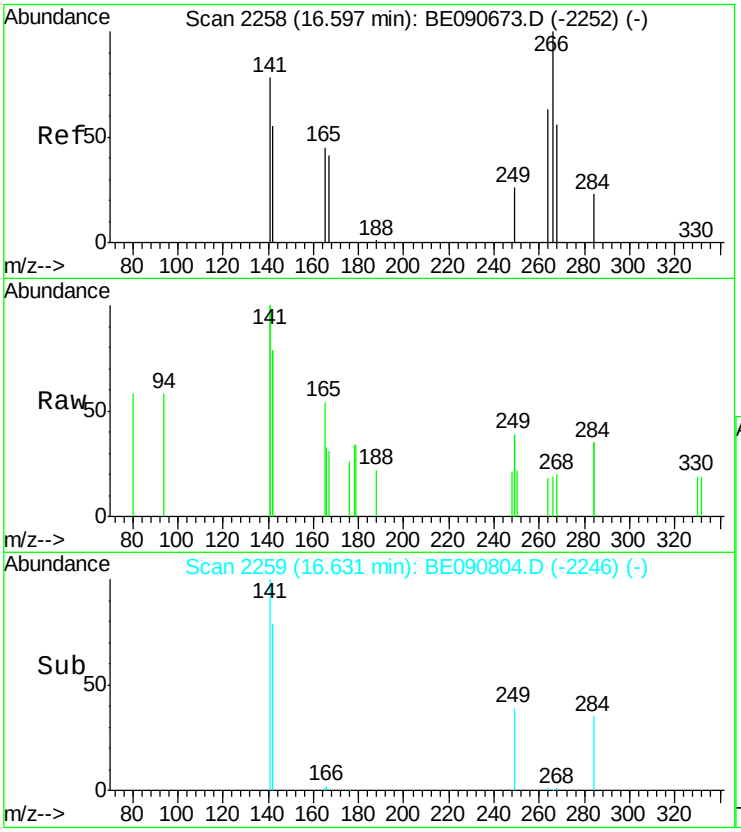


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.27 min Scan# 2238
Delta R.T. 0.03 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:284 Resp: 33

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	360.6	25.5	38.3#



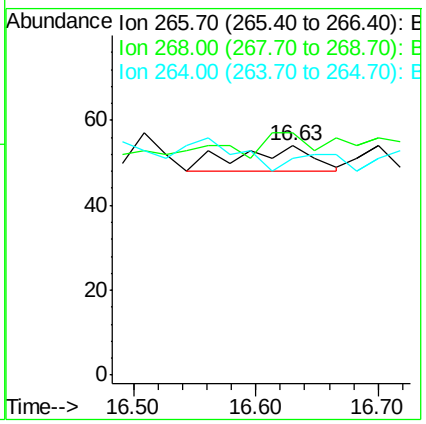


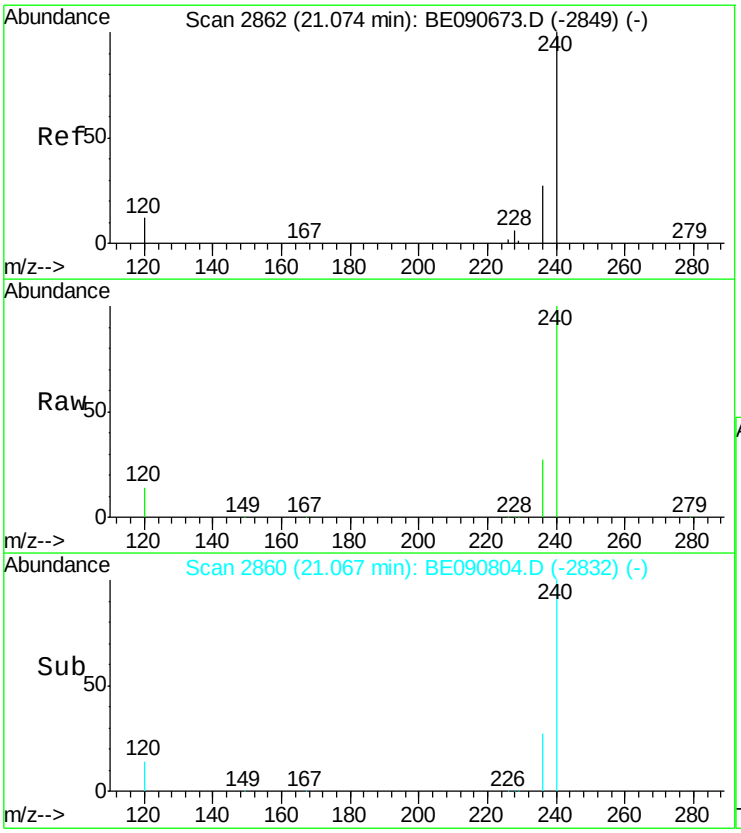
#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.63 min Scan# 2259
Delta R.T. 0.03 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
268	105.6	49.6	74.4#
264	94.4	53.9	80.9#

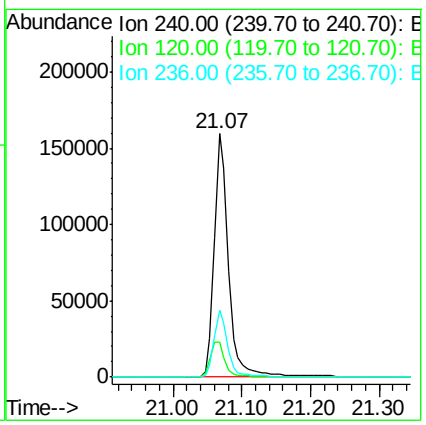


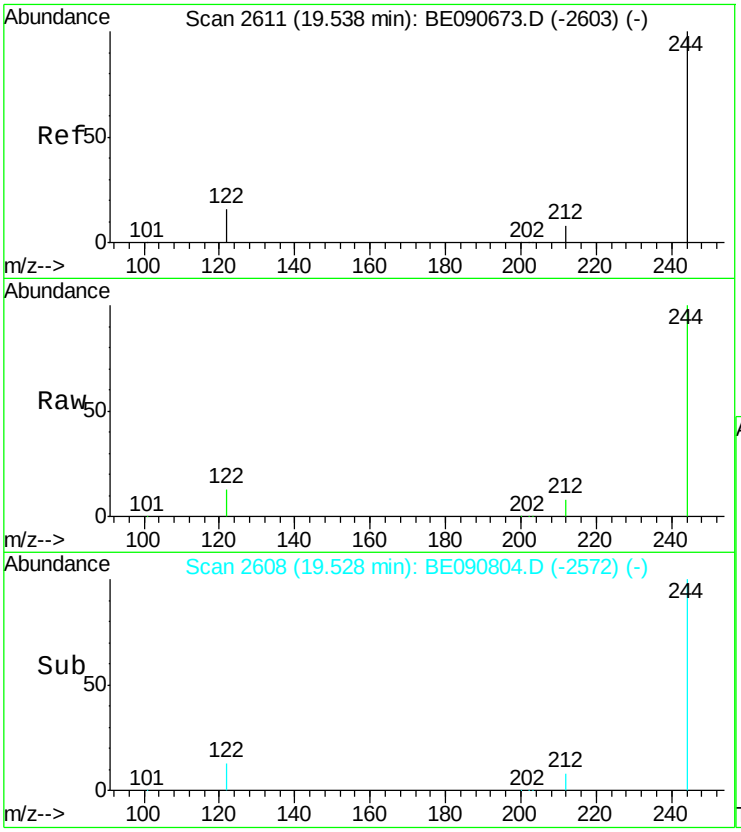


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:240 Resp: 230467

Ion	Ratio	Lower	Upper
240	100		
120	14.5	10.1	15.1
236	27.3	21.9	32.9



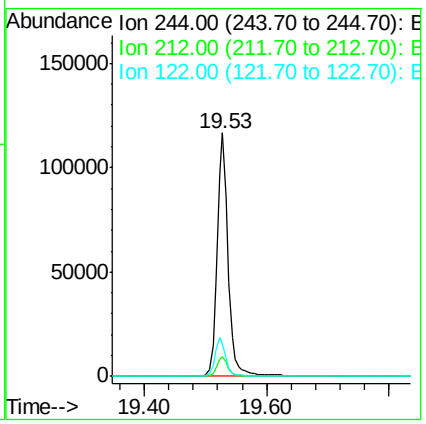


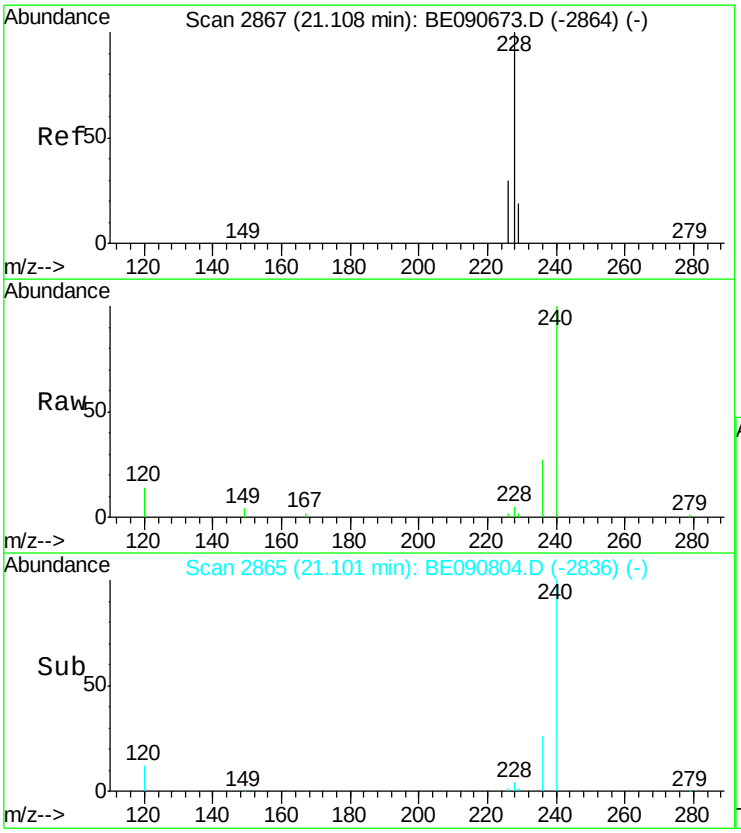
#27
Terphenyl-d14
Concen: 5.70 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:244 Resp: 145371

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	13.4	12.9	19.3

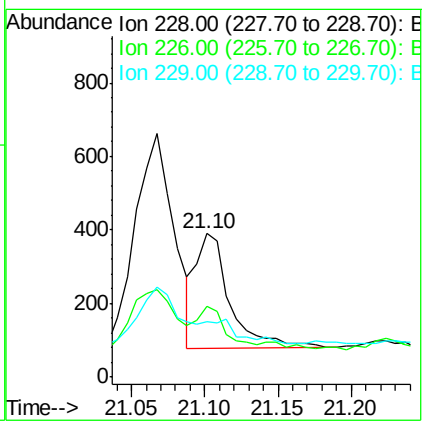


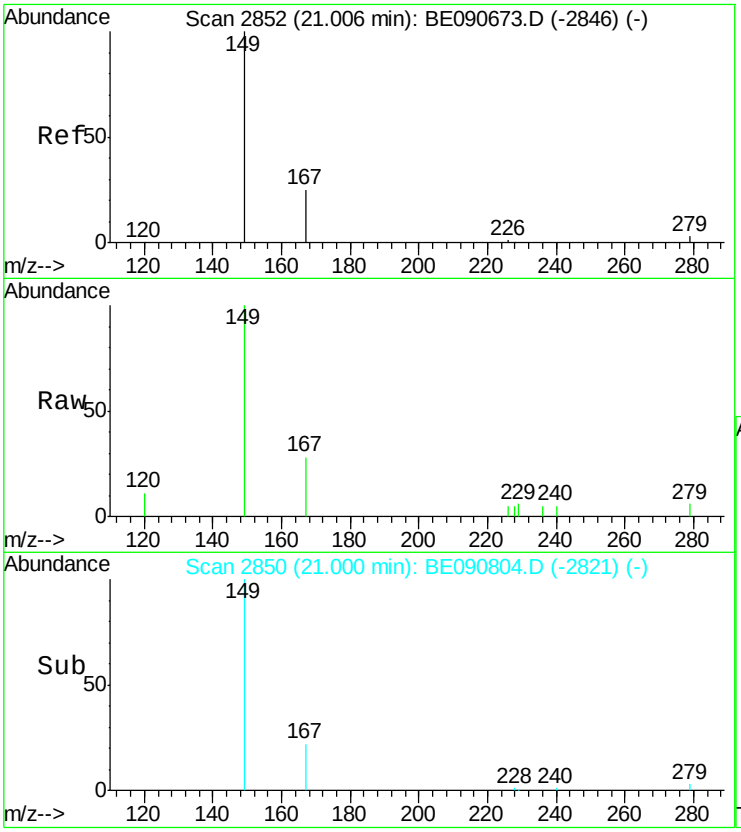


#29
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:228 Resp: 506

Ion	Ratio	Lower	Upper
228	100		
226	49.7	24.2	36.4#
229	38.5	15.3	22.9#



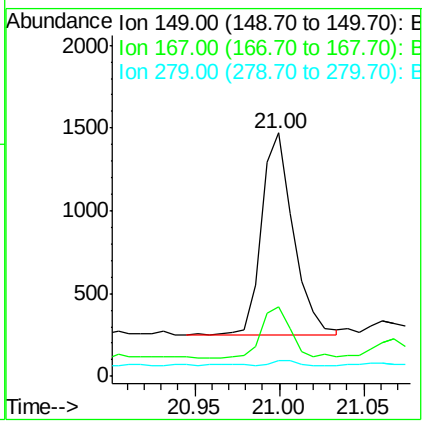


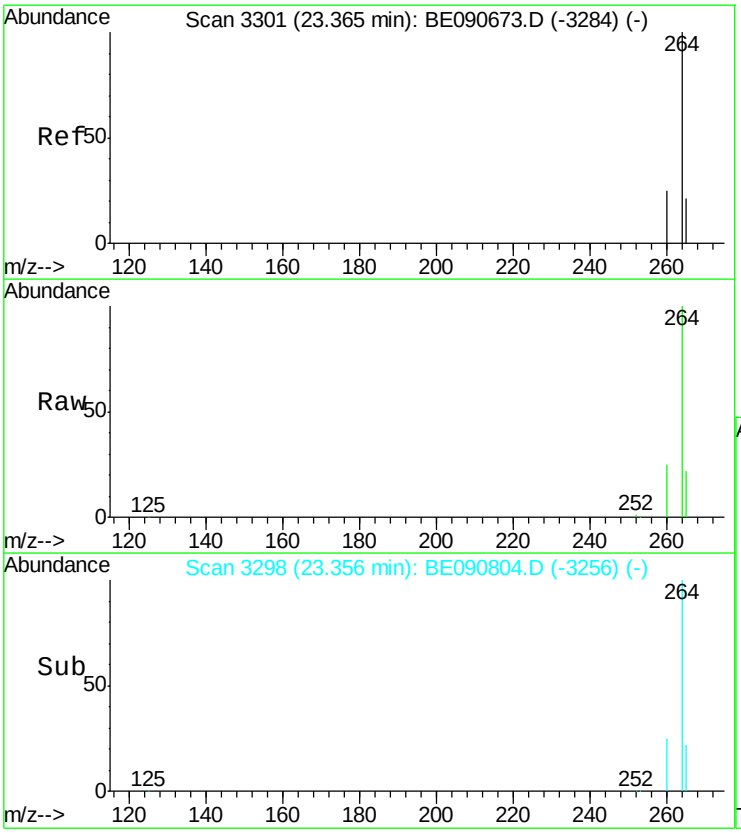
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:149 Resp: 1586

Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.1	30.1
279	2.0	2.3	3.5#

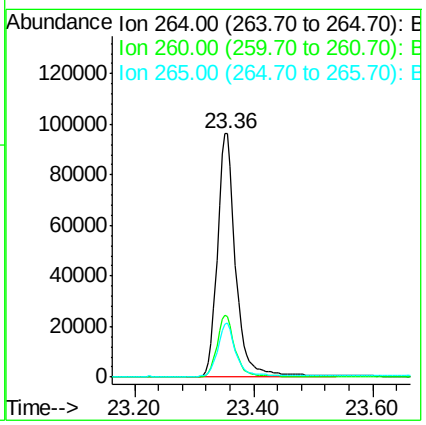


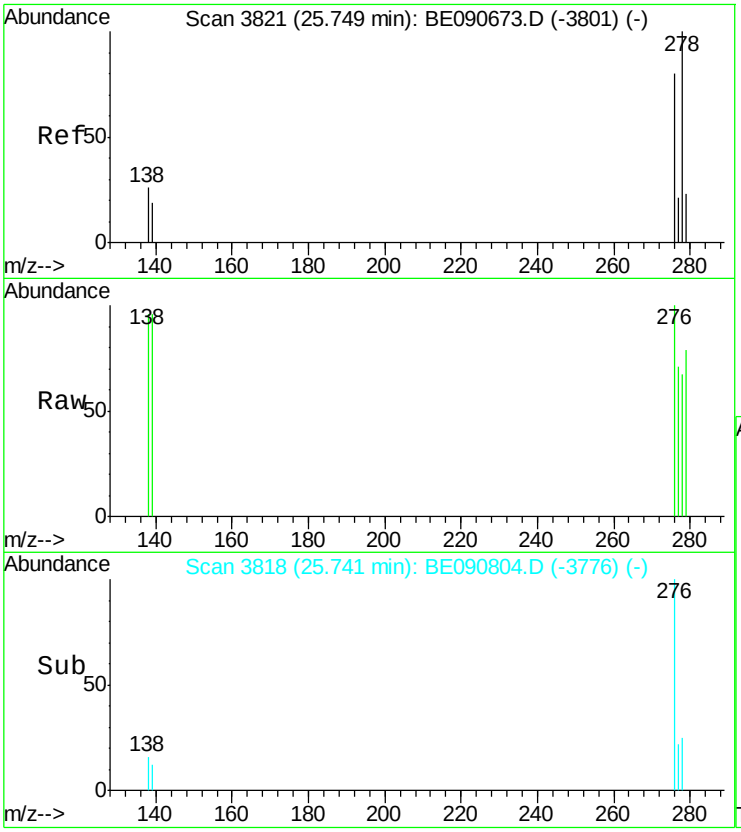


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Tgt Ion:264 Resp: 206870

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.1	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090804.D
Acq: 14 Sep 2015 18:29

Instrument :
BNA_E
ClientSampleId :
091115-D534-E-D-B

Tgt Ion:278 Resp: 47

Ion	Ratio	Lower	Upper
278	100		
139	143.8	15.4	23.0#
279	117.8	18.8	28.2#