Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090762.D
Acq On : 10 Sep 2015 15:41
Operator : UM/IZ
Sample : G3598-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 090515-D534-F-U-M

Quant Time: Sep 11 02:52:17 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	39089	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	174369	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	92040	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	231192	5.00	ng		0.00
25) Chrysene-d12	21.07	240	271684	5.00	ng		0.00
32) Perylene-d12	23.36	264	242484	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	25523	3.36	ng		0.00
5) Phenol-d6	6.75	99	22186	2.04	ng		0.00
7) Nitrobenzene-d5	8.71	82	43318	3.76	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	20773	7.69	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	101964	4.00	ng		0.00
27) Terphenyl-d14	19.53	244	184819	6.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	63	Below Cal		#	1
3) n-Nitrosodimethylamine	3.45	42	33	Below Cal		#	6
8) Nitrobenzene	8.76	77	16	0.11	ng	#	32
20) Hexachlorobenzene	16.23	284	140	Below Cal		#	37
21) Pentachlorophenol	16.60	266	15	0.46	ng	#	63
29) Chrysene	21.11	228	586	Below Cal		#	72
30) Bis(2-ethylhexyl)phthalate	21.00	149	4321	0.34	ng		97
36) Dibenzo(a,h)anthracene	25.75	278	62	0.14	ng	#	1

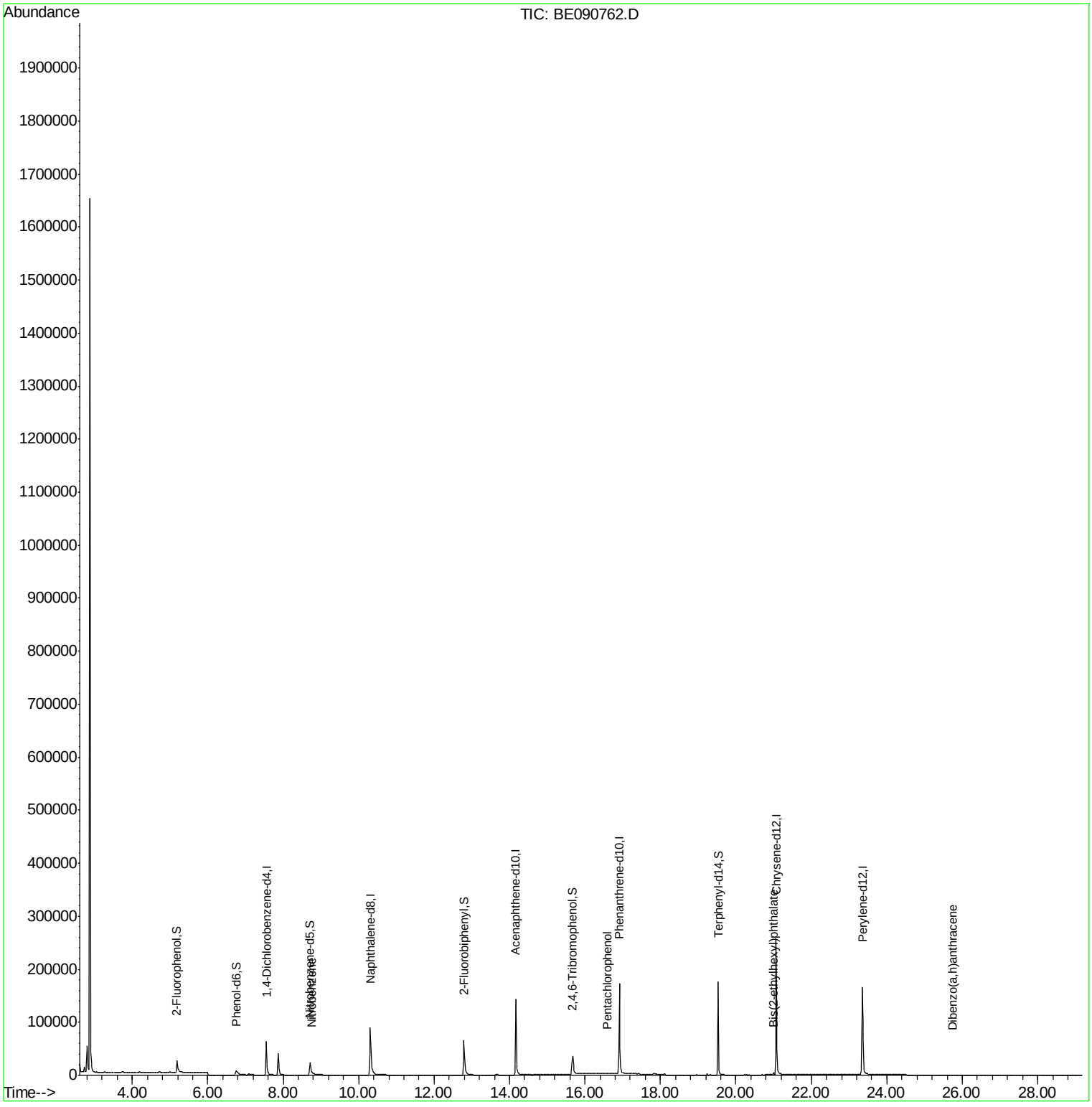
(#) = qualifier out of range (m) = manual integration (+) = signals summed

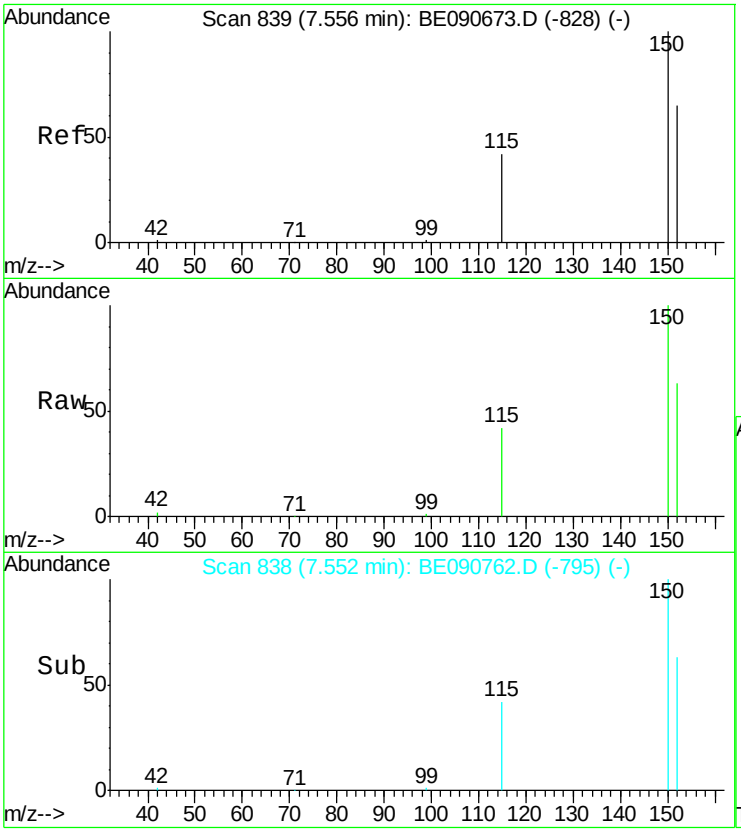
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090762.D
Acq On : 10 Sep 2015 15:41
Operator : UM/IZ
Sample : G3598-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Quant Time: Sep 11 02:52:17 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



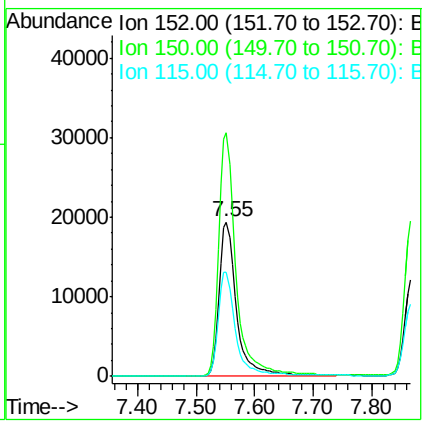


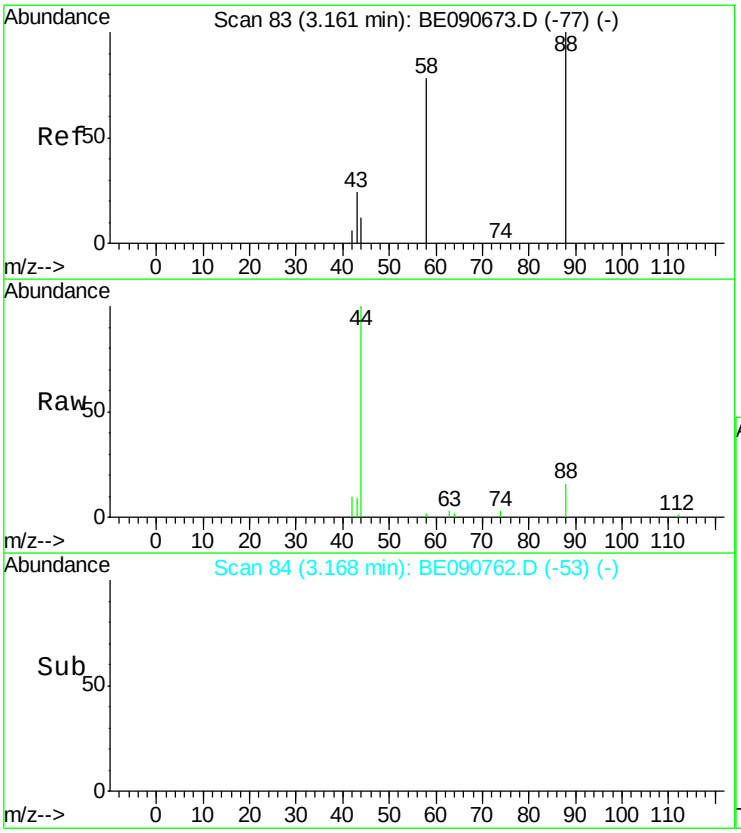
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion:152 Resp: 39089

Ion	Ratio	Lower	Upper
152	100		
150	157.5	122.2	183.4
115	66.9	51.0	76.4

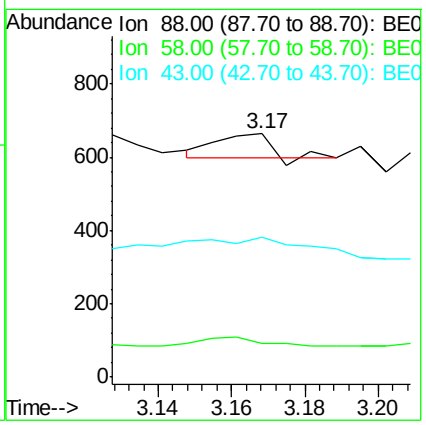


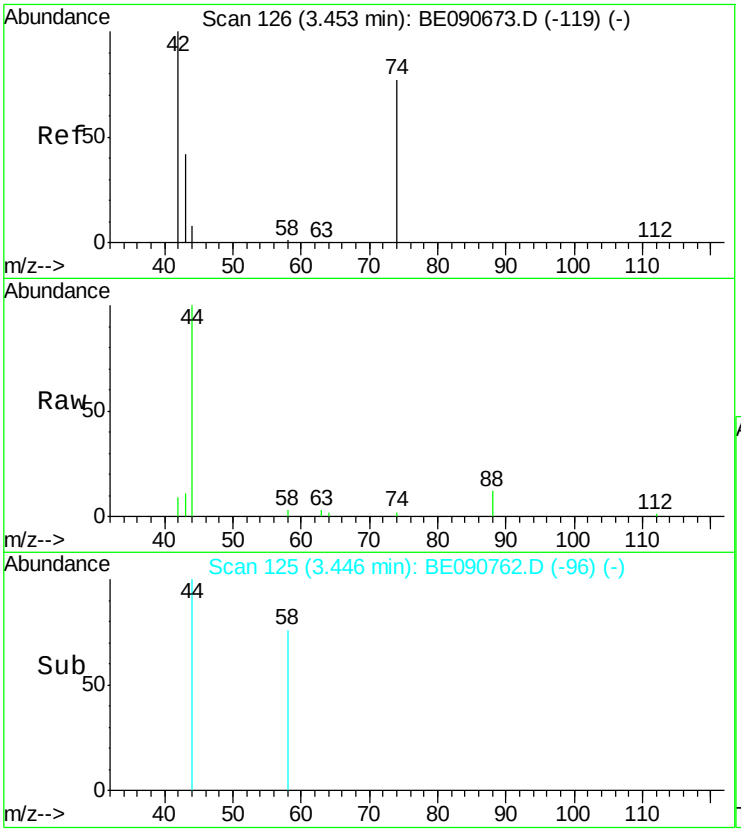


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.17 min Scan# 84
Delta R.T. 0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
58	49.2	68.4	102.6#
43	295.2	26.9	40.3#



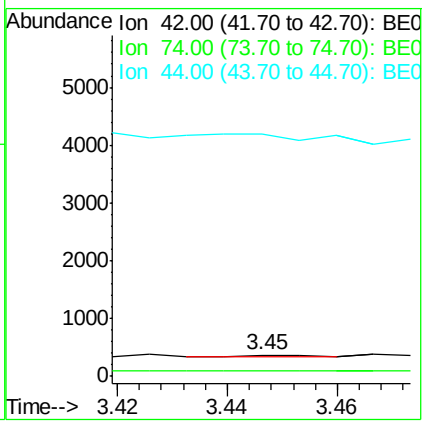


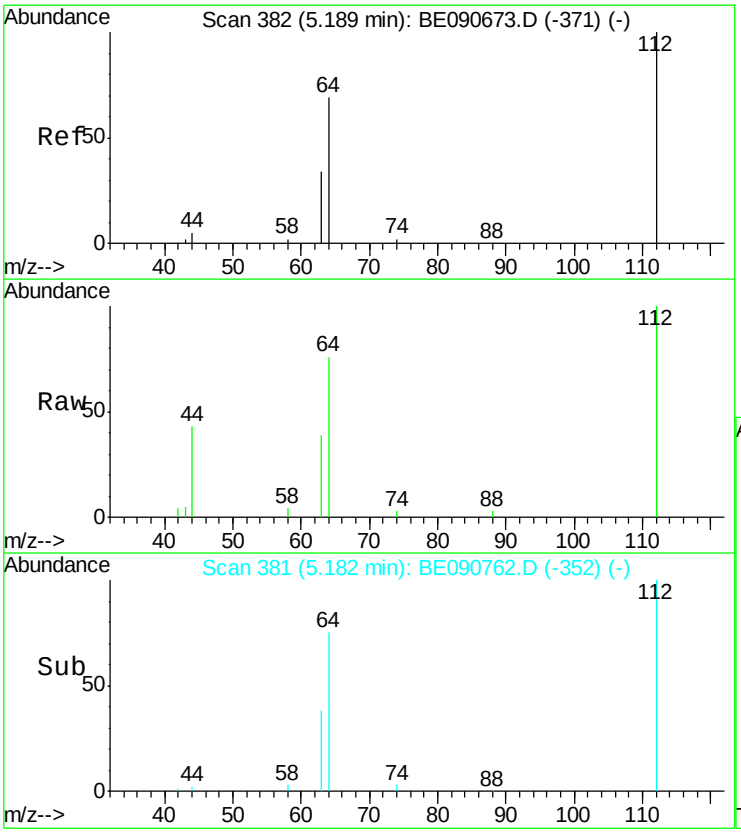
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion: 42 Resp: 33

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

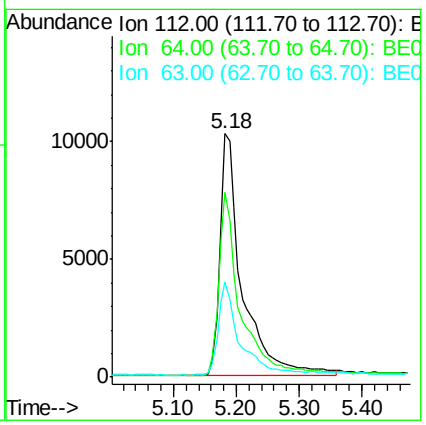


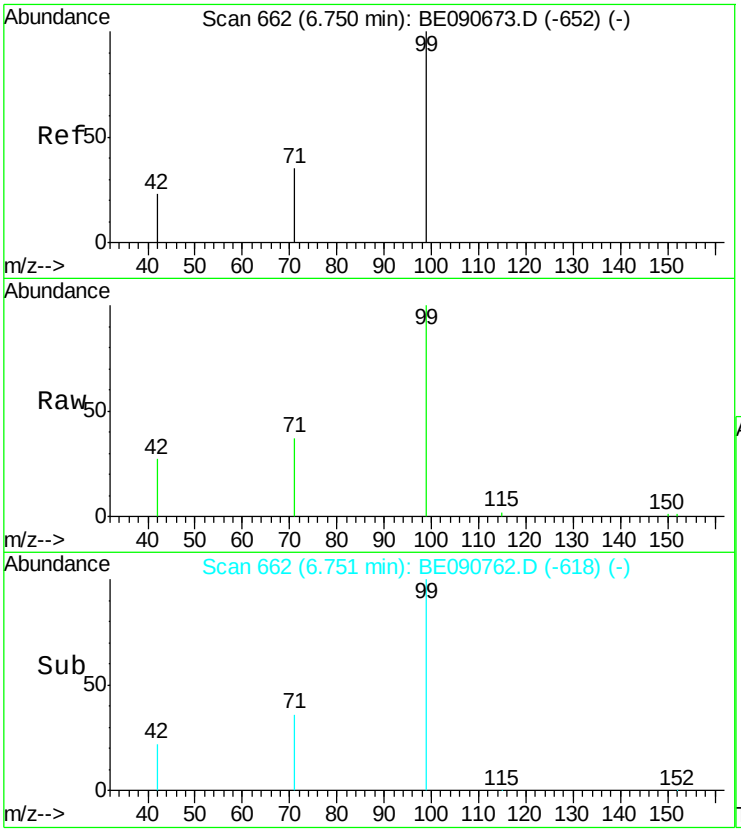


#4
2-Fluorophenol
Concen: 3.36 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:112 Resp: 25523

Ion	Ratio	Lower	Upper
112	100		
64	72.6	57.3	85.9
63	36.7	29.2	43.8



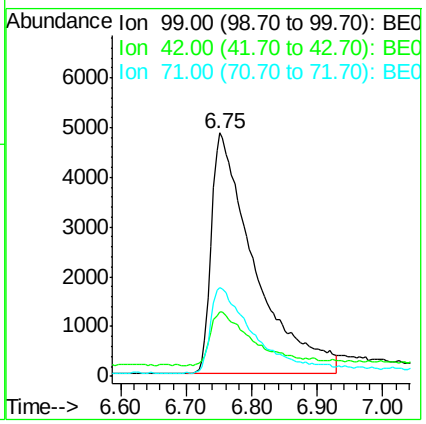


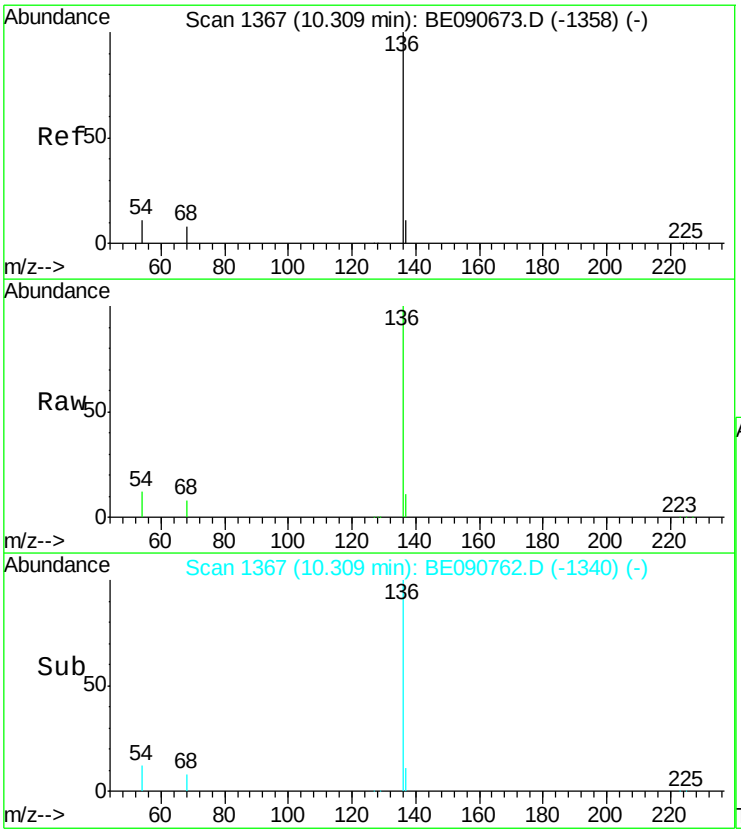
#5
Phenol-d6
Concen: 2.04 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion: 99 Resp: 22186

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.8	25.2
71	35.8	28.3	42.5

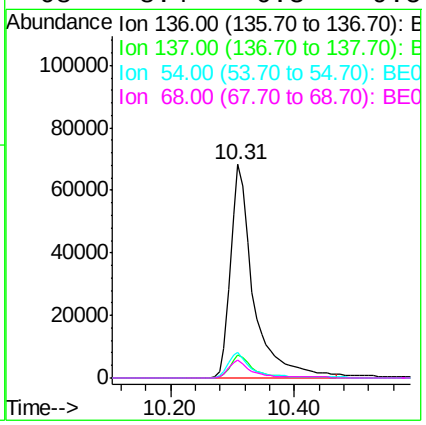


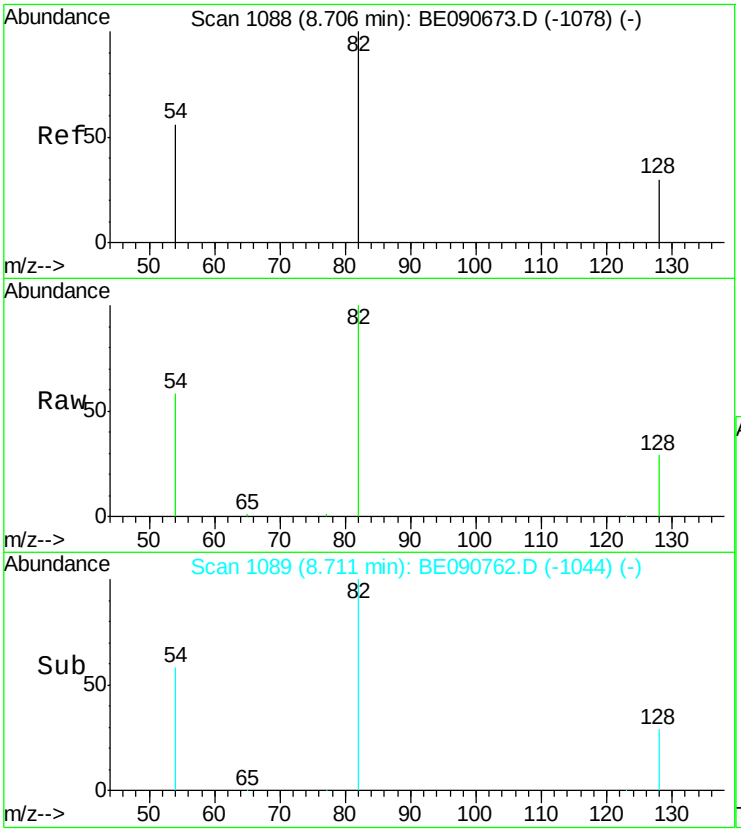


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:136 Resp: 174369

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.8	9.0	13.6
68	8.4	6.3	9.5



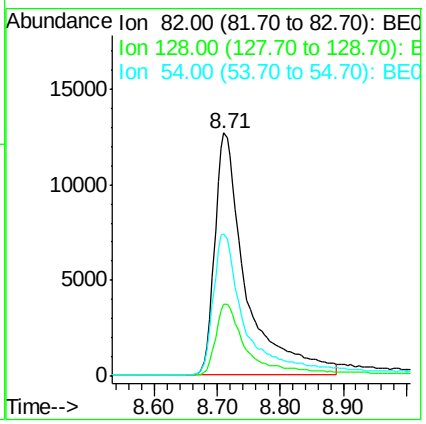


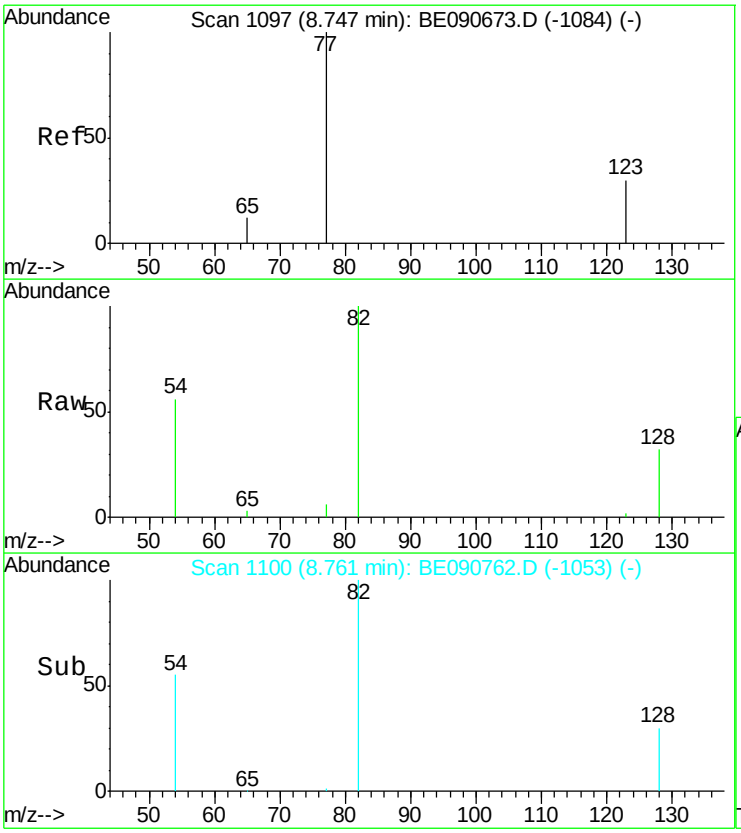
#7
Nitrobenzene-d5
Concen: 3.76 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion: 82 Resp: 43318

Ion	Ratio	Lower	Upper
82	100		
128	29.5	25.0	37.4
54	58.4	46.3	69.5

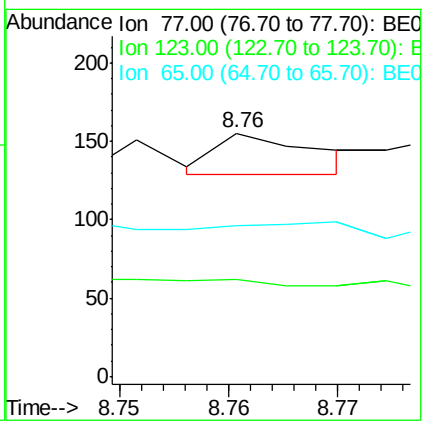


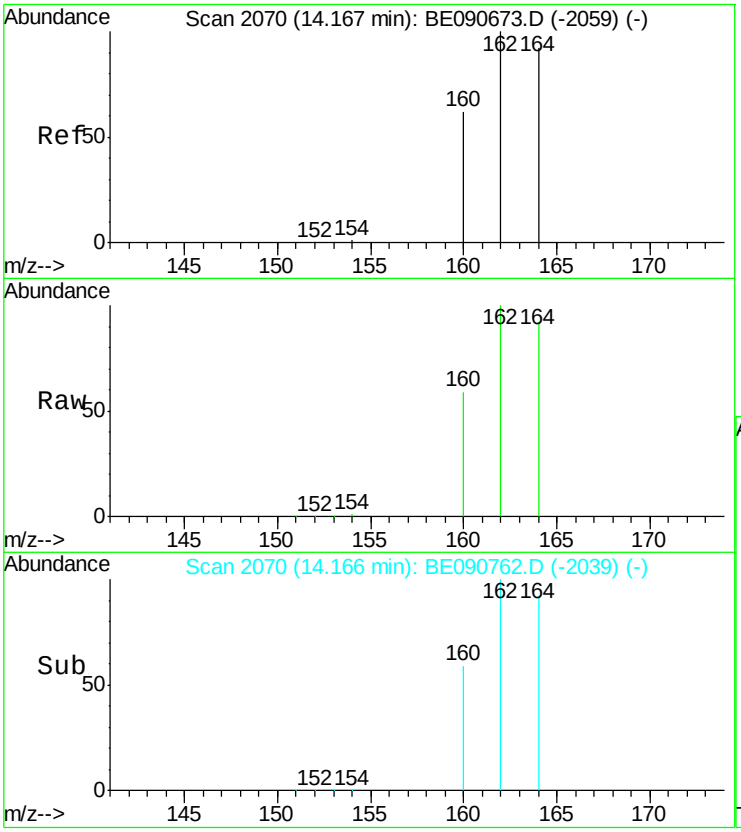


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.76 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion: 77 Resp: 16

Ion	Ratio	Lower	Upper
77	100		
123	0.0	25.1	37.7#
65	50.0	9.9	14.9#



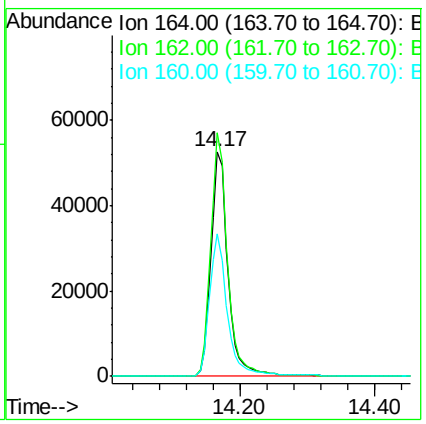


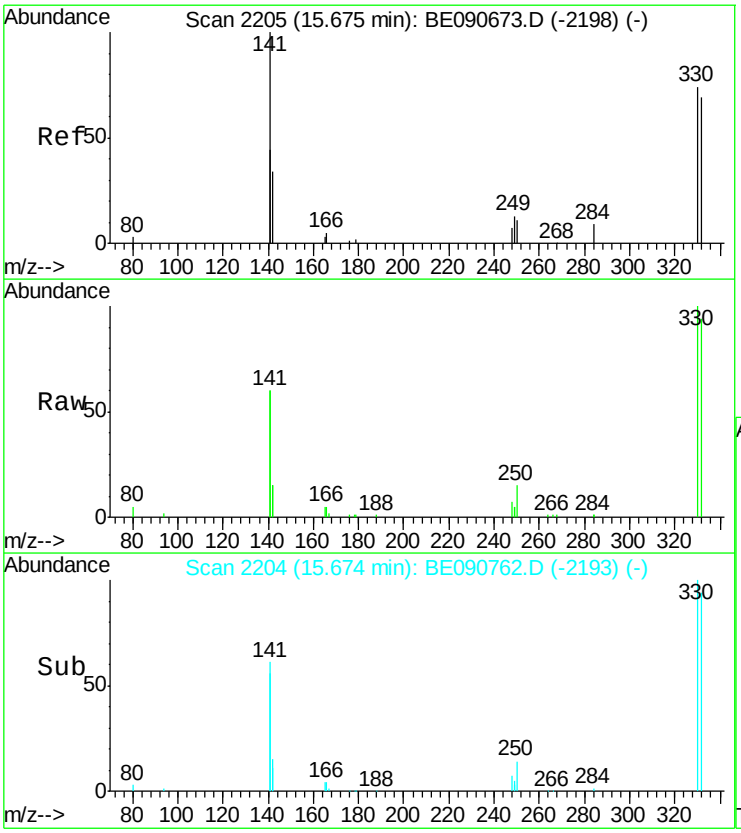
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion:164 Resp: 92040

Ion	Ratio	Lower	Upper
164	100		
162	108.2	86.8	130.2
160	63.4	53.9	80.9

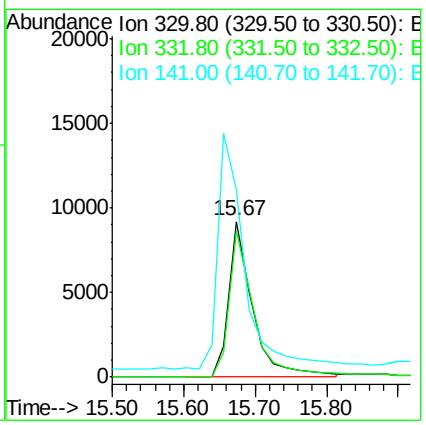


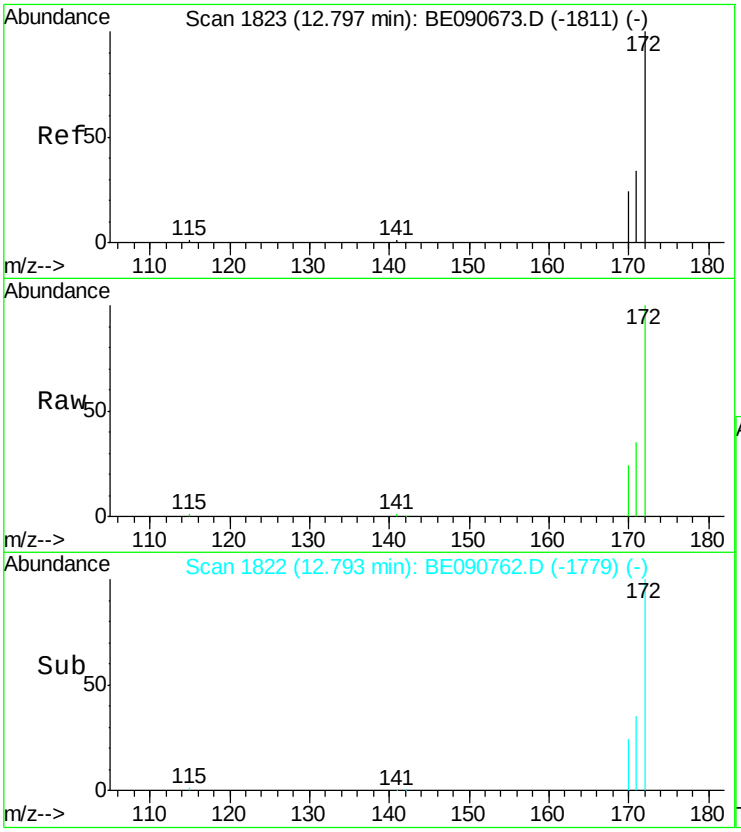


#13
2,4,6-Tribromophenol
Concen: 7.69 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:330 Resp: 20773

Ion	Ratio	Lower	Upper
330	100		
332	95.8	74.9	112.3
141	175.5	145.2	217.8



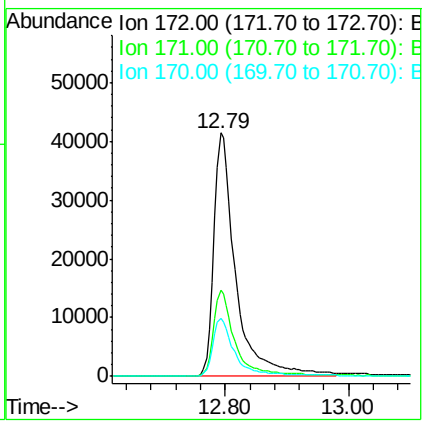


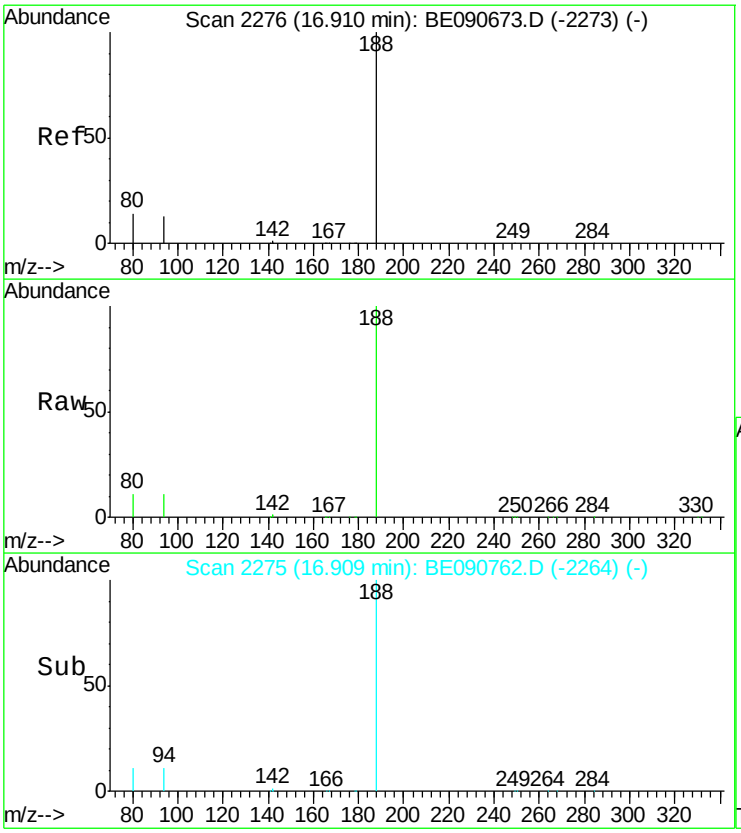
#14
2-Fluorobiphenyl
Concen: 4.00 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion:172 Resp: 101964

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	23.9	19.8	29.6

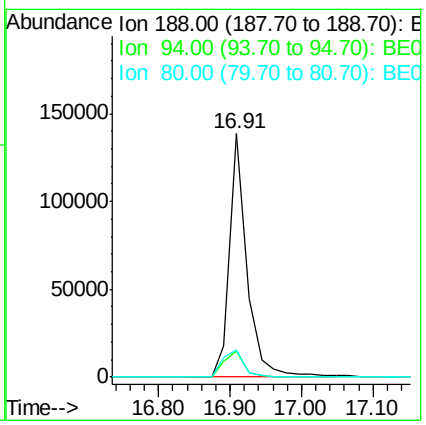


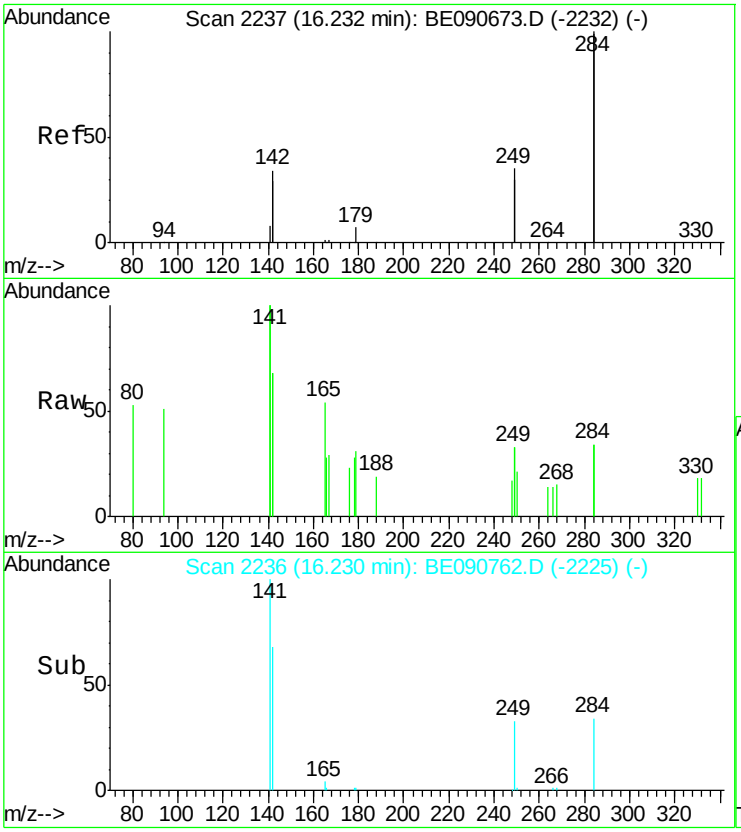


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:188 Resp: 231192

Ion	Ratio	Lower	Upper
188	100		
94	10.8	10.3	15.5
80	11.4	11.0	16.6



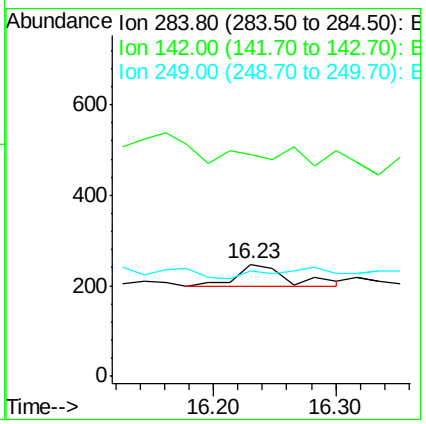


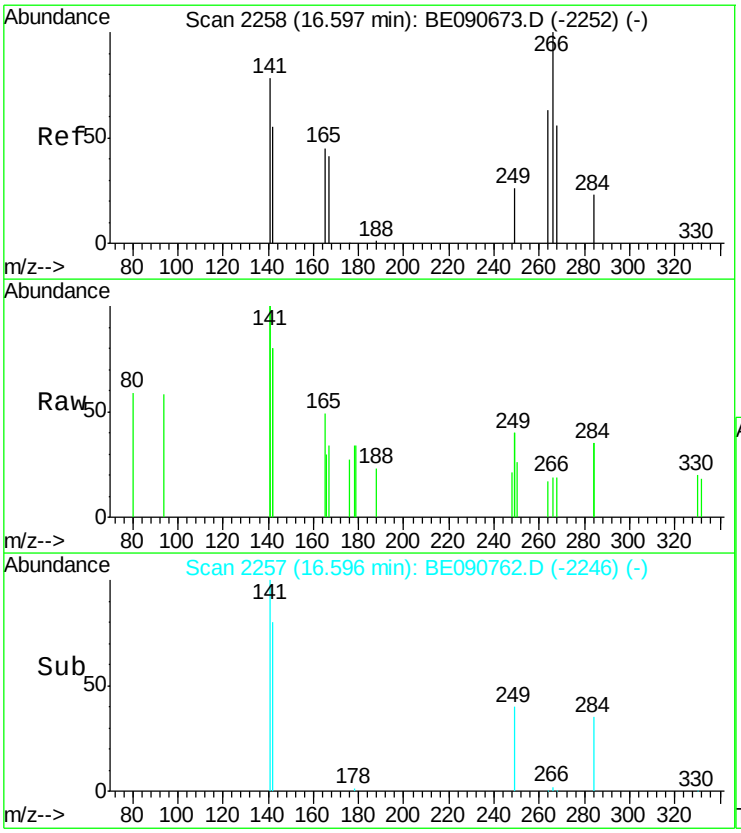
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion:284 Resp: 140

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

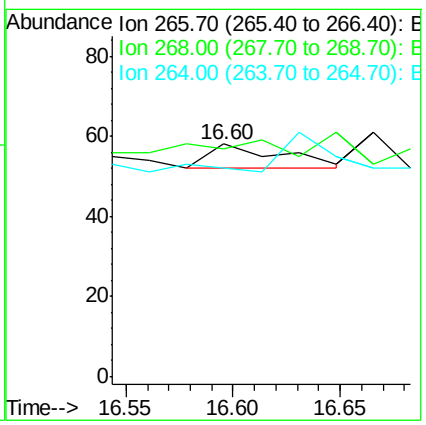


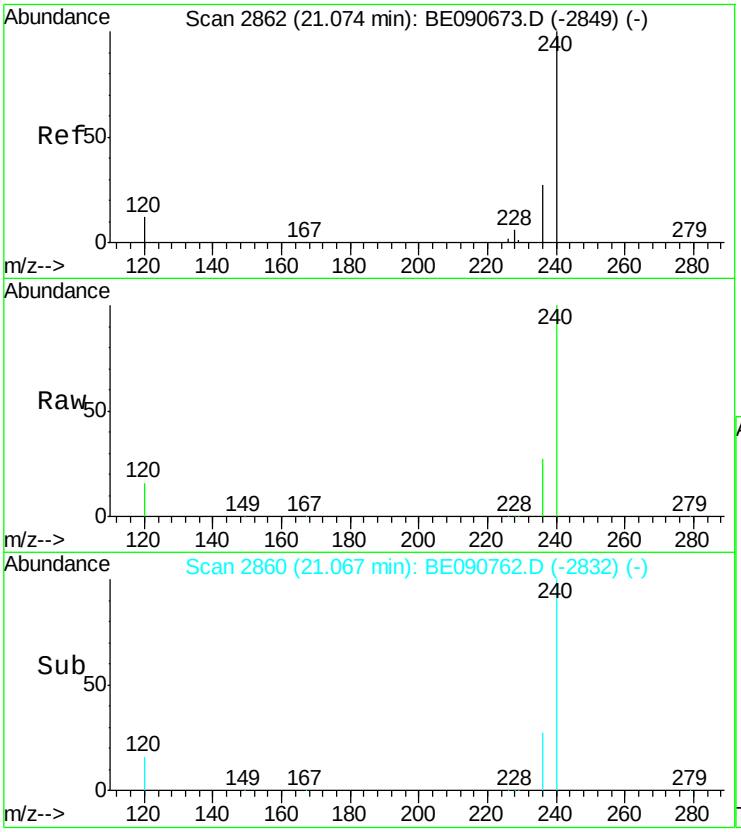


#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:266 Resp: 15

Ion	Ratio	Lower	Upper
266	100		
268	98.3	49.6	74.4#
264	89.7	53.9	80.9#



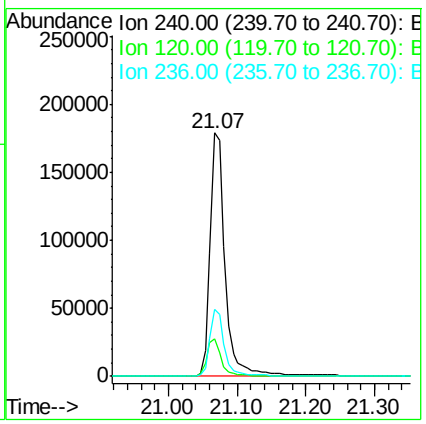


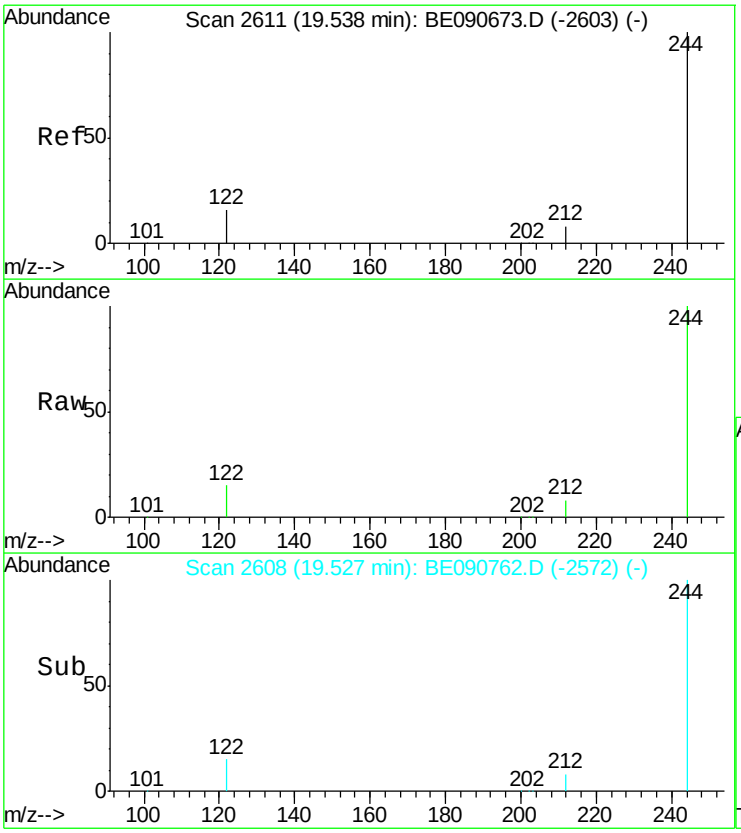
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion:240 Resp: 271684

Ion	Ratio	Lower	Upper
240	100		
120	15.6	10.1	15.1#
236	27.4	21.9	32.9

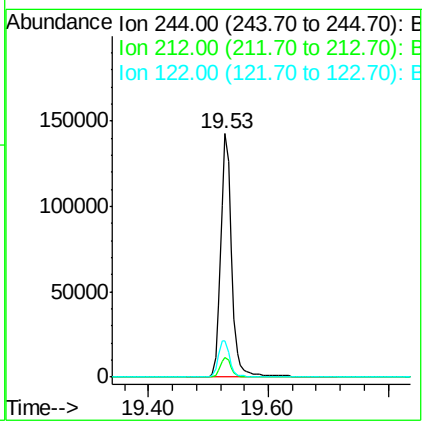


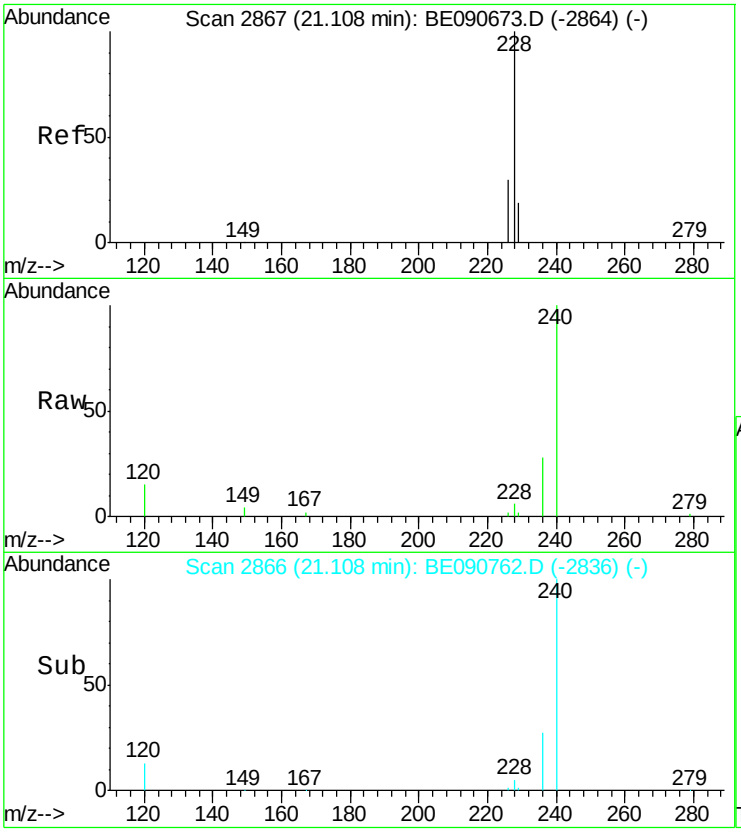


#27
Terphenyl-d14
Concen: 6.15 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:244 Resp: 184819

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.0	12.9	19.3



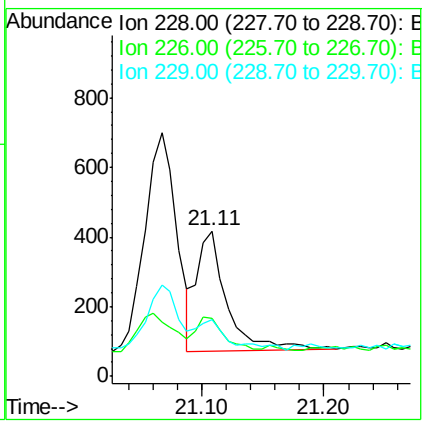


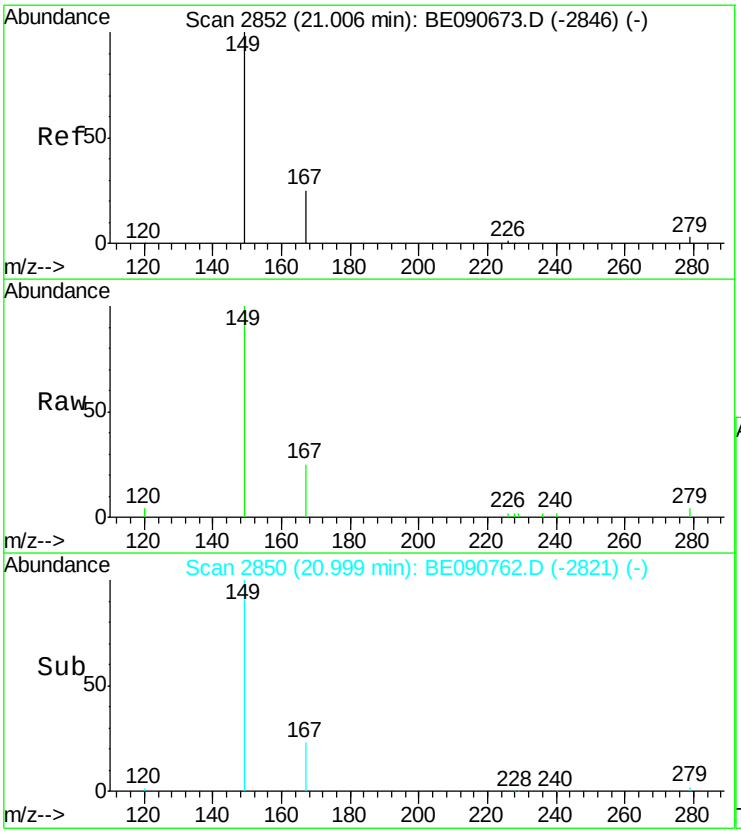
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion:228 Resp: 586

Ion	Ratio	Lower	Upper
228	100		
226	39.6	24.2	36.4#
229	39.1	15.3	22.9#

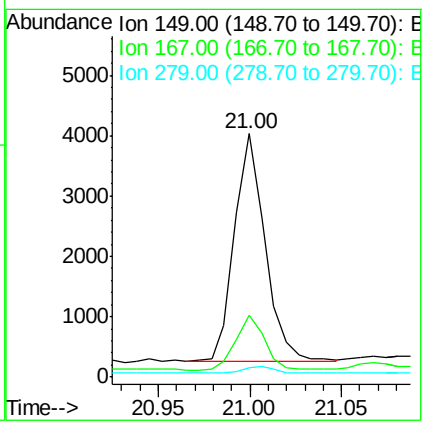


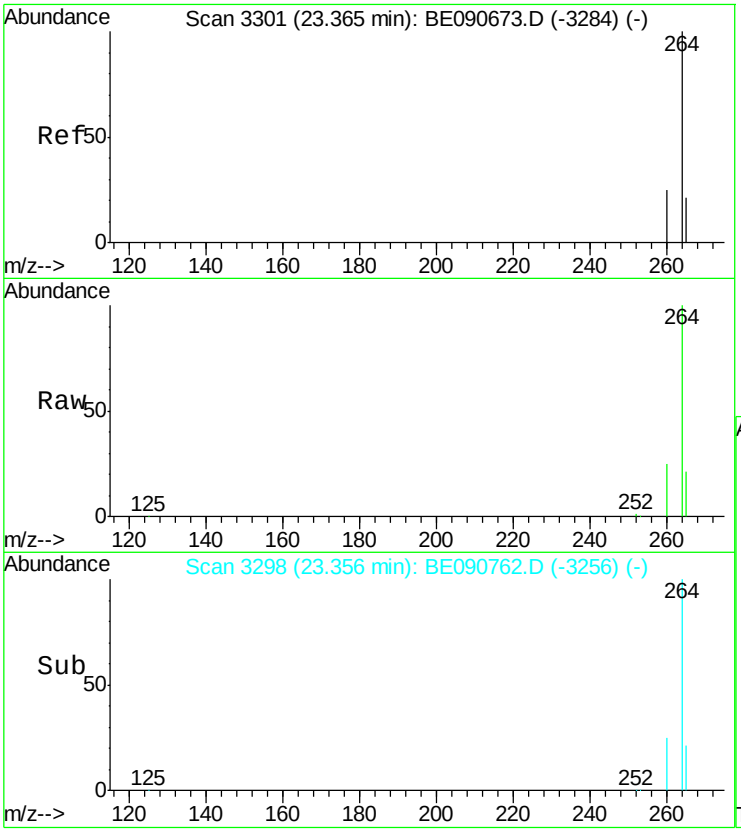


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:149 Resp: 4321

Ion	Ratio	Lower	Upper
149	100		
167	23.2	20.1	30.1
279	3.3	2.3	3.5



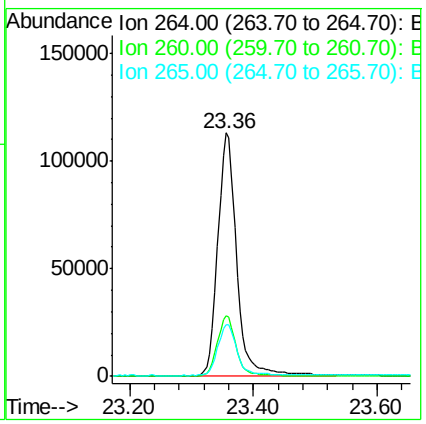


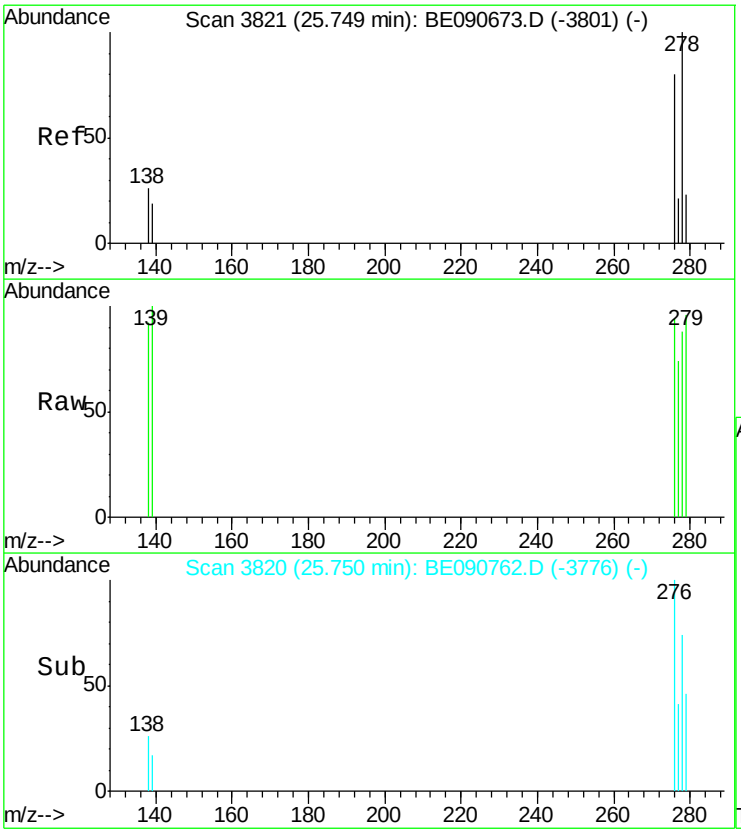
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Instrument :
BNA_E
ClientSampleId :
090515-D534-F-U-M

Tgt Ion:264 Resp: 242484

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.5	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3820
Delta R.T. 0.00 min
Lab File: BE090762.D
Acq: 10 Sep 2015 15:41

Tgt Ion:278 Resp: 62

Ion	Ratio	Lower	Upper
278	100		
139	113.7	15.4	23.0#
279	109.5	18.8	28.2#