Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090806.D
Acq On : 14 Sep 2015 19:43
Operator : UM/IZ
Sample : G3657-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Sep 15 00:58:14 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	33204	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	140055	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	72423	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	186248	5.00	ng		0.00
25) Chrysene-d12	21.07	240	239367	5.00	ng		0.00
32) Perylene-d12	23.36	264	218343	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	18093	2.81	ng		0.00
5) Phenol-d6	6.75	99	13804	1.49	ng		0.00
7) Nitrobenzene-d5	8.72	82	33616	3.63	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	13067	6.18	ng		0.00
14) 2-Fluorobiphenyl	12.80	172	80687	4.02	ng		0.00
27) Terphenyl-d14	19.53	244	151307	5.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	48	Below Cal		#	38
3) n-Nitrosodimethylamine	3.45	42	13	Below Cal		#	1
8) Nitrobenzene	8.71	77	68	0.11	ng	#	68
9) Naphthalene	10.36	128	1368	0.04	ng	#	71
20) Hexachlorobenzene	16.28	284	61	Below Cal		#	1
21) Pentachlorophenol	16.61	266	19	0.47	ng	#	55
29) Chrysene	21.07	228	993	Below Cal		#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	1862	0.20	ng		93
36) Dibenzo(a,h)anthracene	25.75	278	11	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 : BE090806.D
Acq On : 14 Sep 2015 19:43
Operator : UM/IZ
Sample : G3657-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
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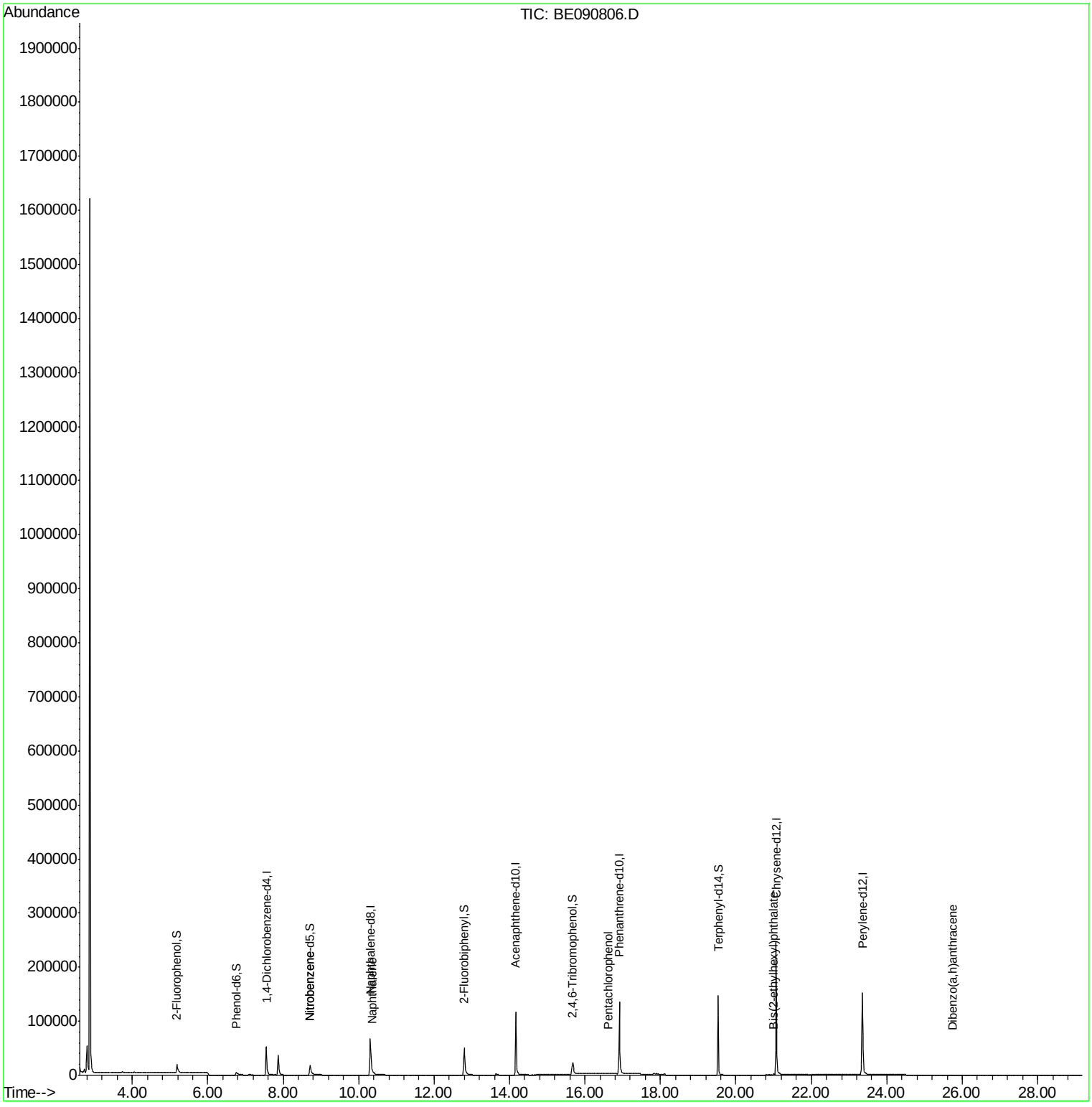
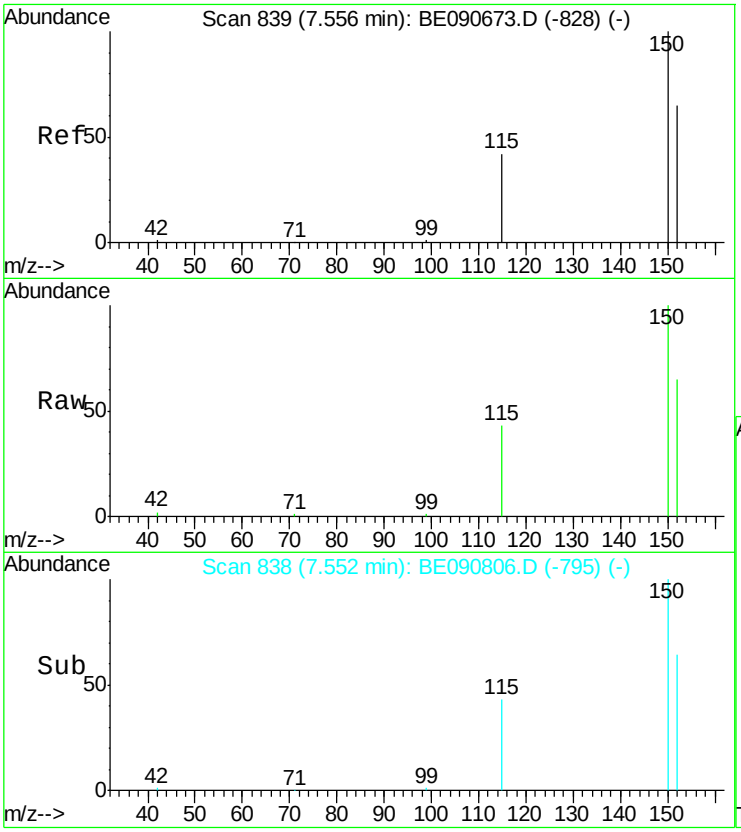
091115-D534-E-U-B

Quant Time: Sep 15 00:58:14 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



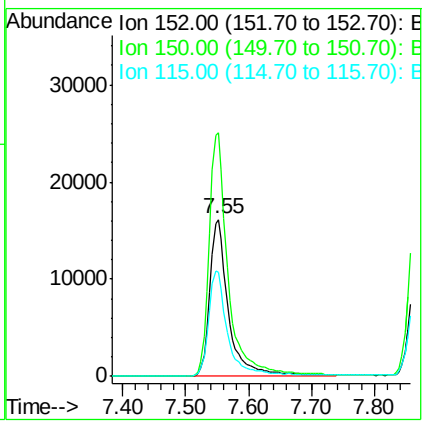


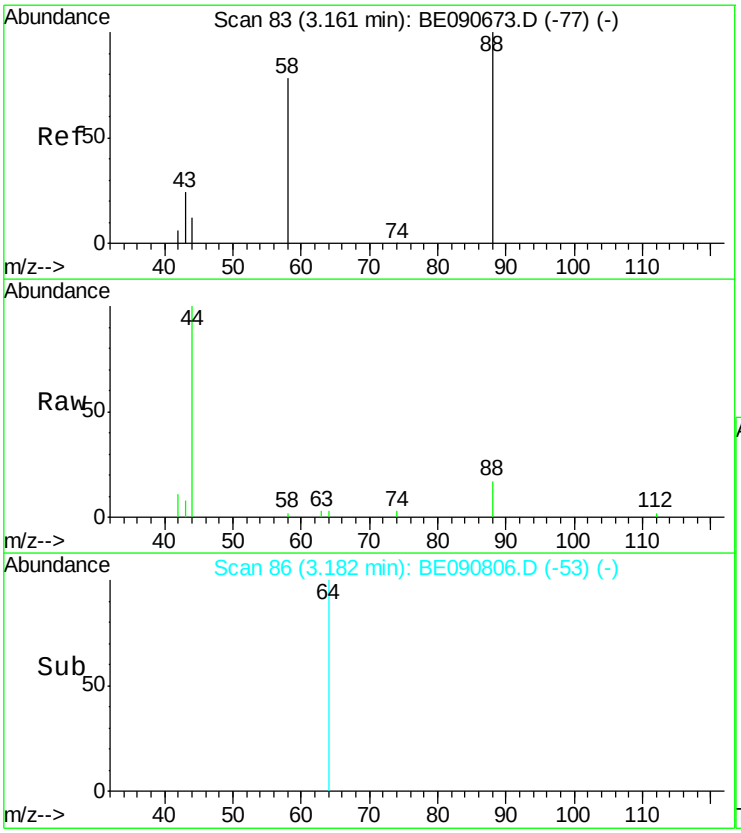
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:152 Resp: 33204

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.2	183.4
115	66.3	51.0	76.4

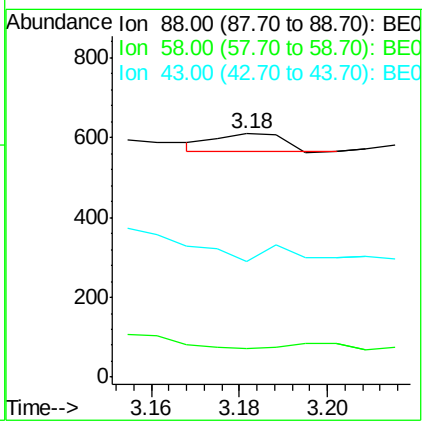


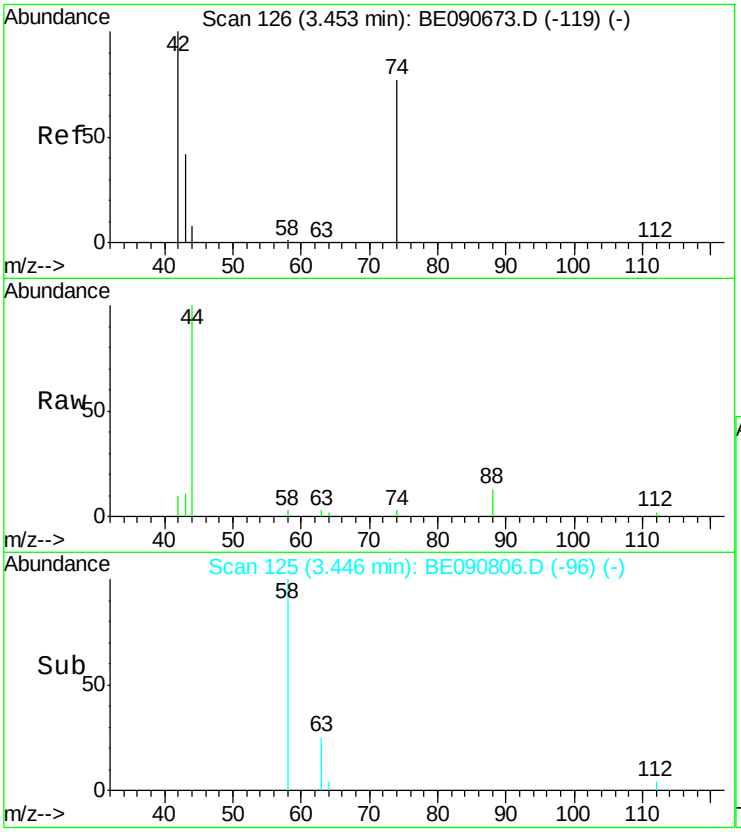


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.18 min Scan# 86
Delta R.T. 0.02 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
58	27.1	68.4	102.6#
43	0.0	26.9	40.3#



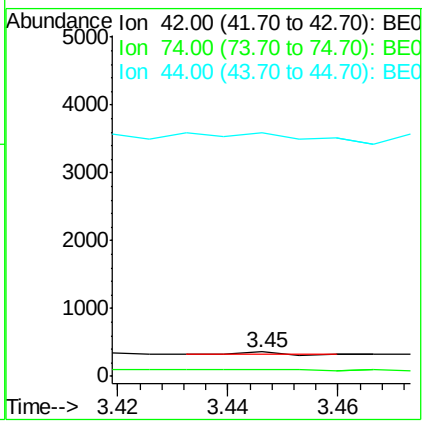


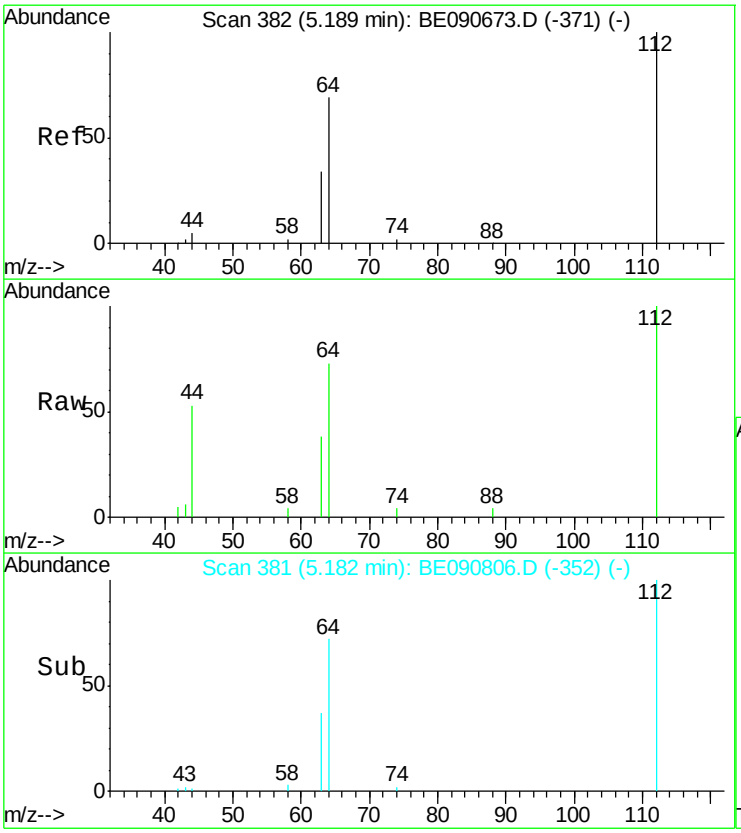
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	361.5	83.7	125.5#
44	2076.9	10.0	15.0#

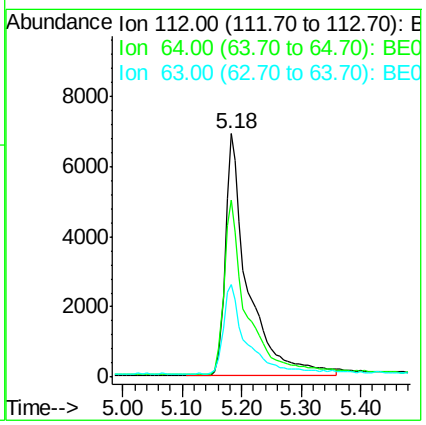


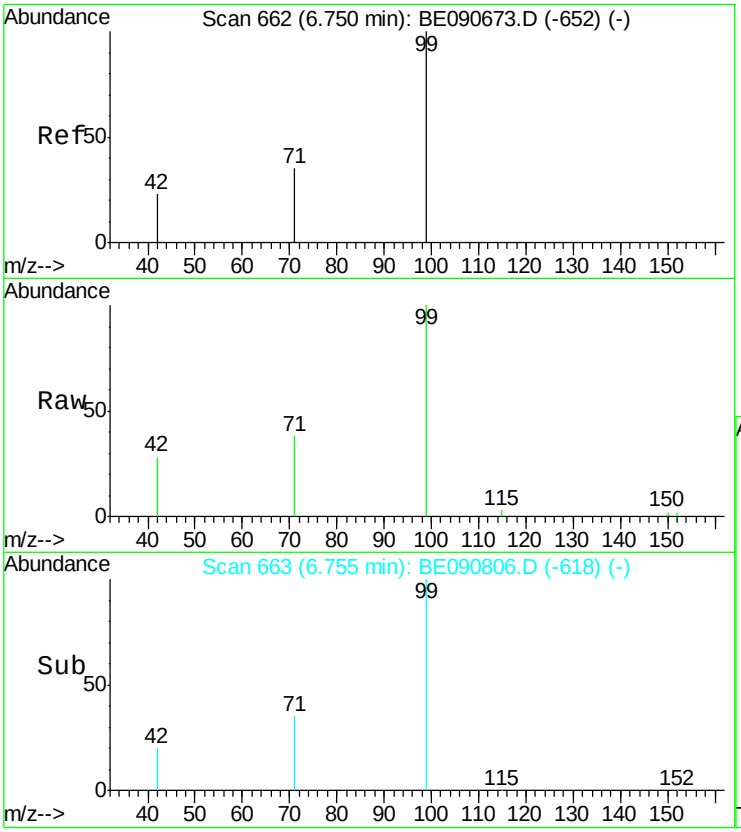


#4
2-Fluorophenol
Concen: 2.81 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:112 Resp: 18093

Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.3	85.9
63	38.0	29.2	43.8



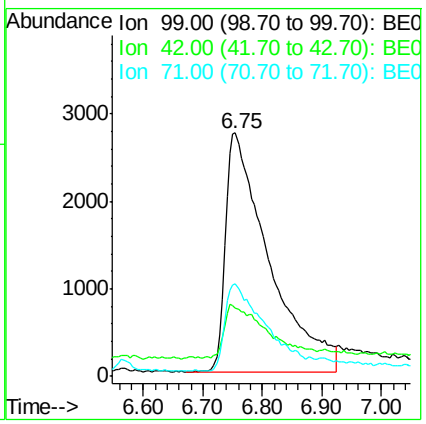


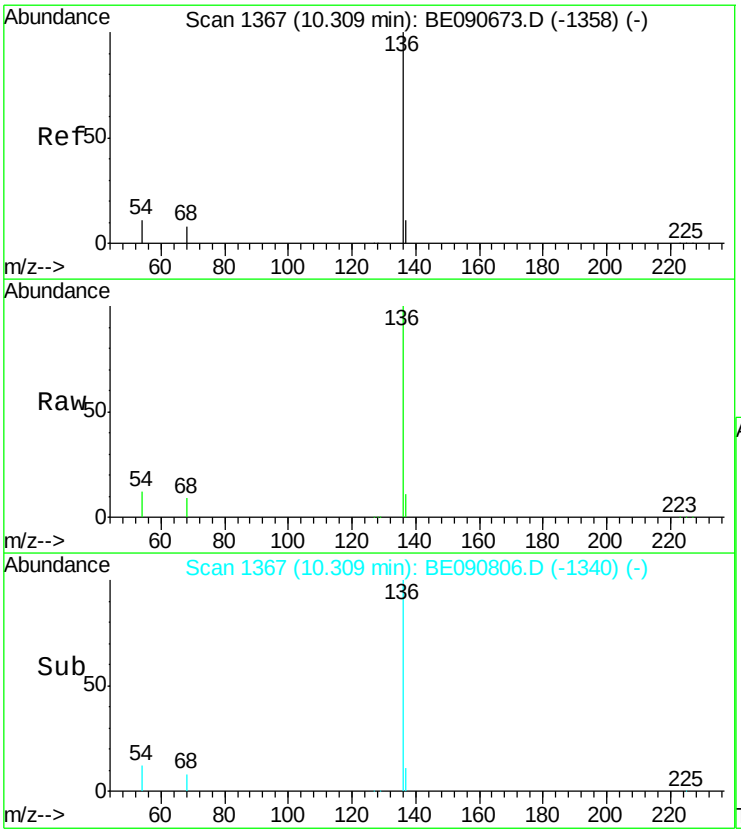
#5
Phenol-d6
Concen: 1.49 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion: 99 Resp: 13804

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.8	25.2
71	34.3	28.3	42.5

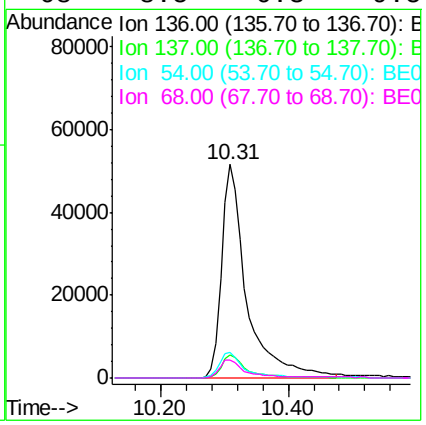


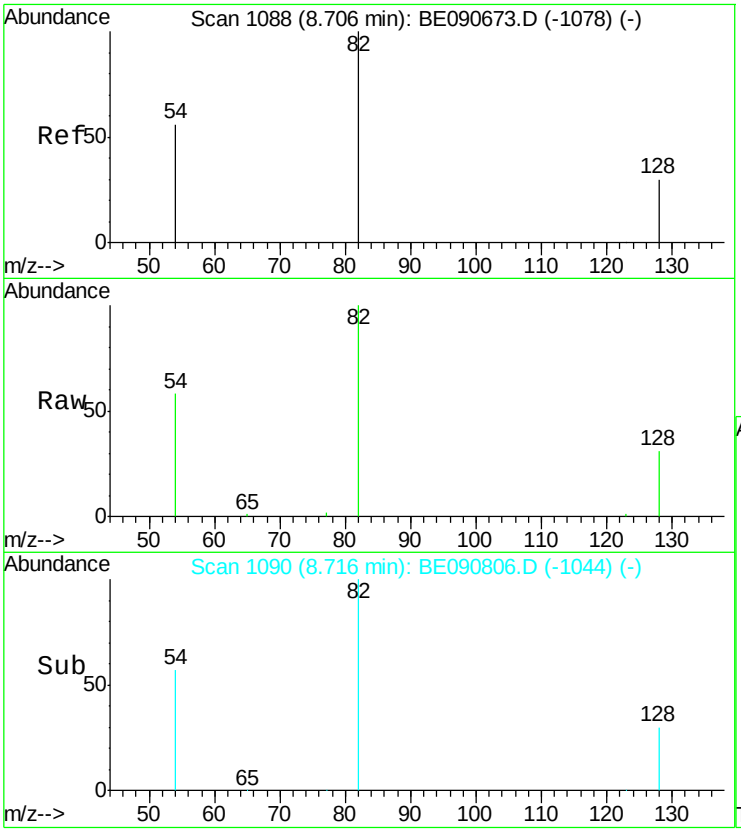


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:136 Resp: 140055

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.9	9.0	13.6
68	8.5	6.3	9.5



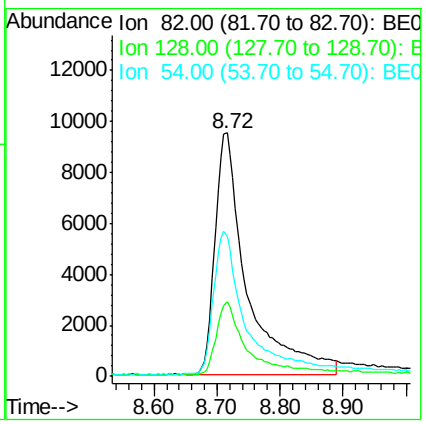


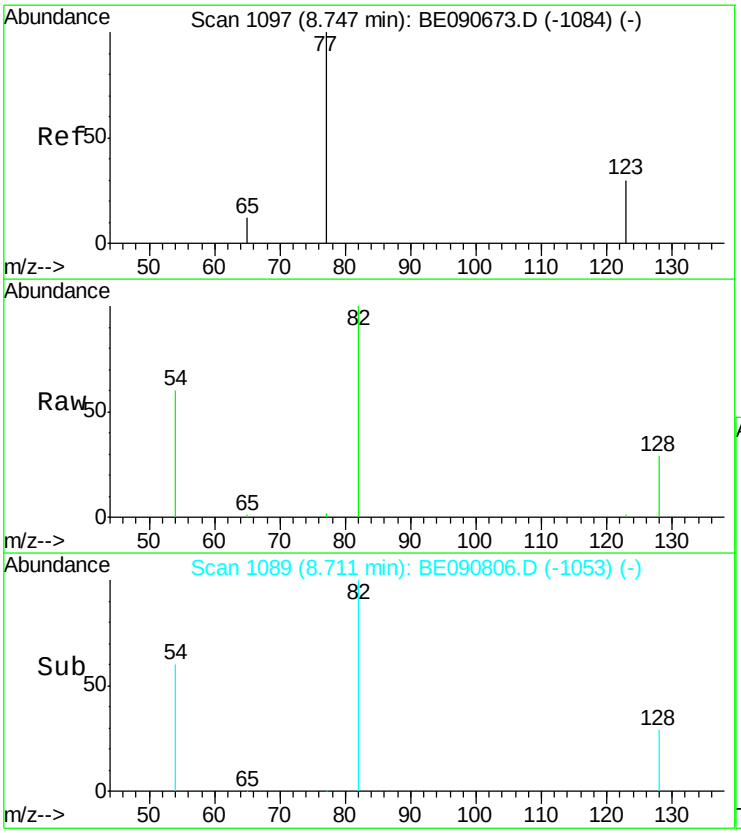
#7
Nitrobenzene-d5
Concen: 3.63 ng
RT: 8.72 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion: 82 Resp: 33616

Ion	Ratio	Lower	Upper
82	100		
128	30.7	25.0	37.4
54	57.6	46.3	69.5

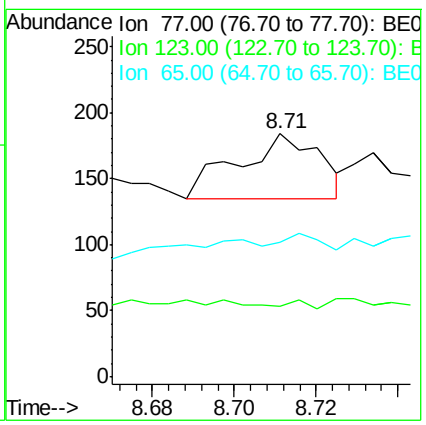


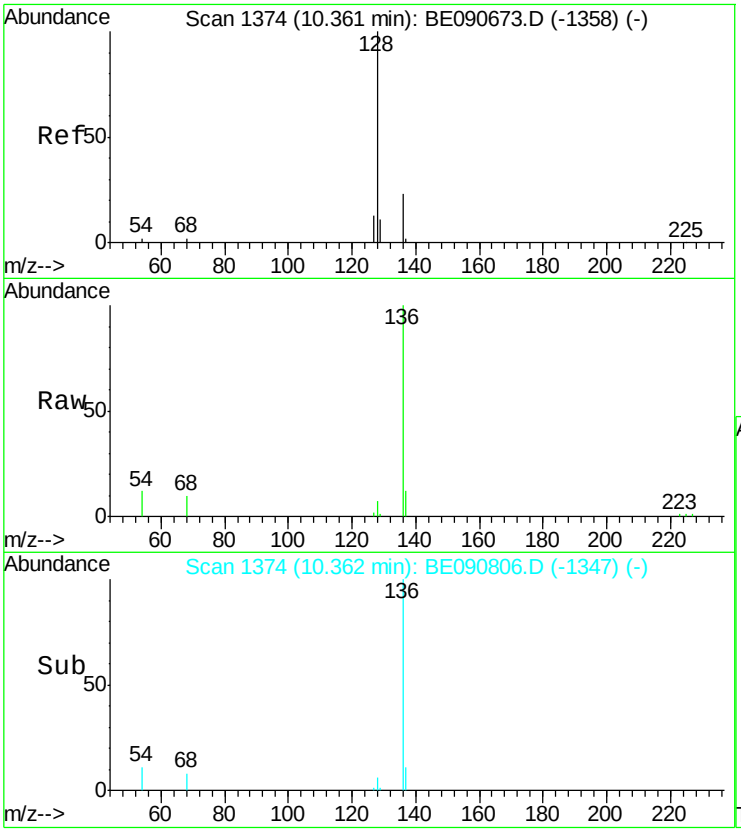


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.71 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion: 77 Resp: 68

Ion	Ratio	Lower	Upper
77	100		
123	7.4	25.1	37.7#
65	11.8	9.9	14.9



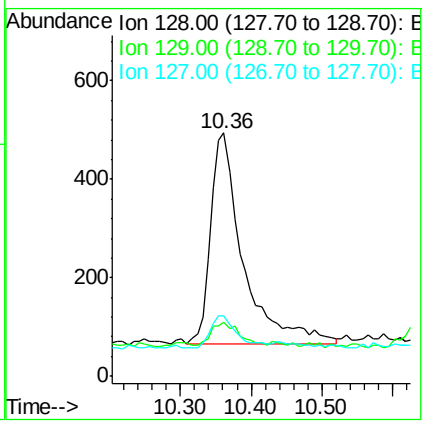


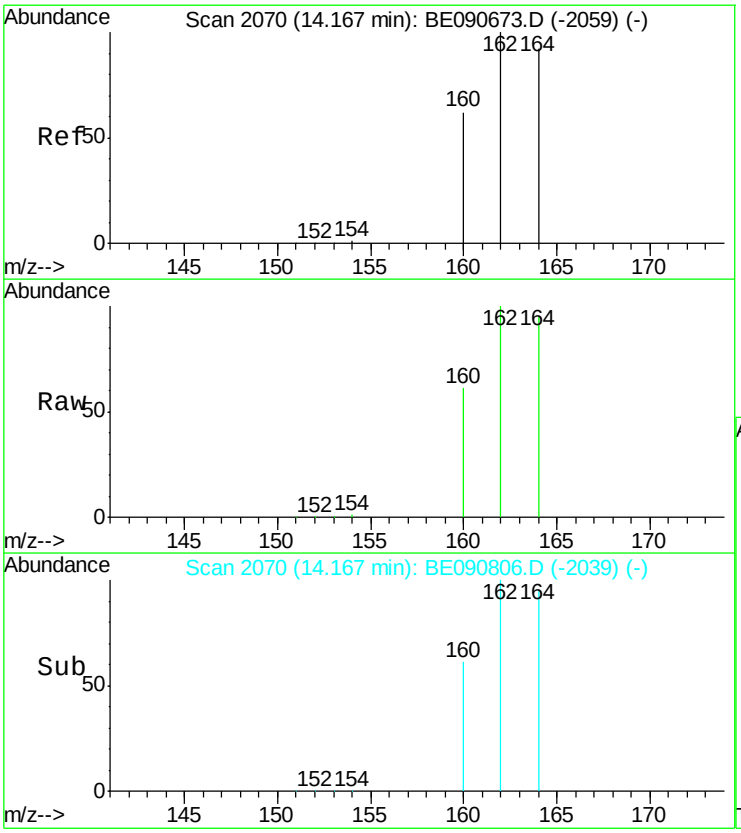
#9
Naphthalene
Concen: 0.04 ng
RT: 10.36 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:128 Resp: 1368

Ion	Ratio	Lower	Upper
128	100		
129	22.1	9.0	13.6#
127	24.9	10.6	15.8#

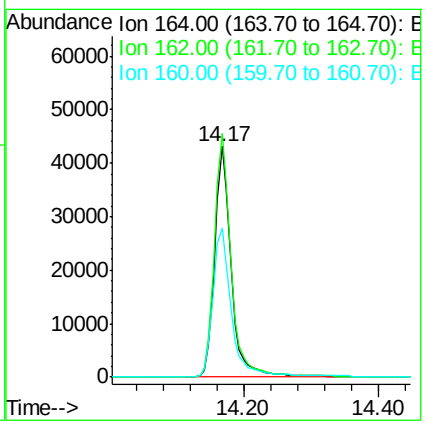


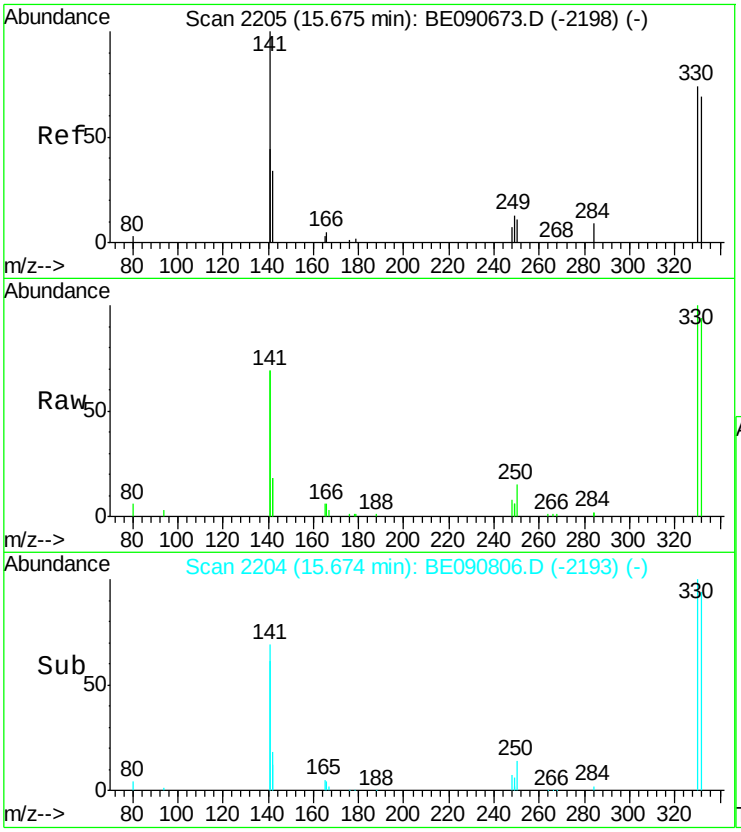


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:164 Resp: 72423

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.8	130.2
160	64.5	53.9	80.9



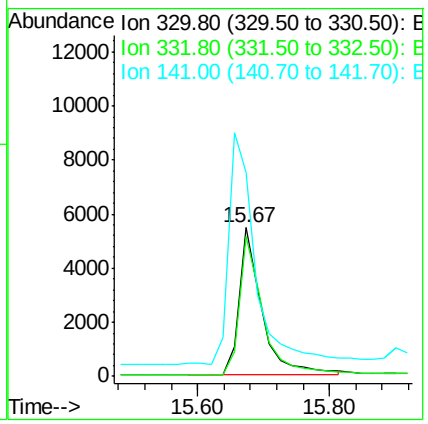


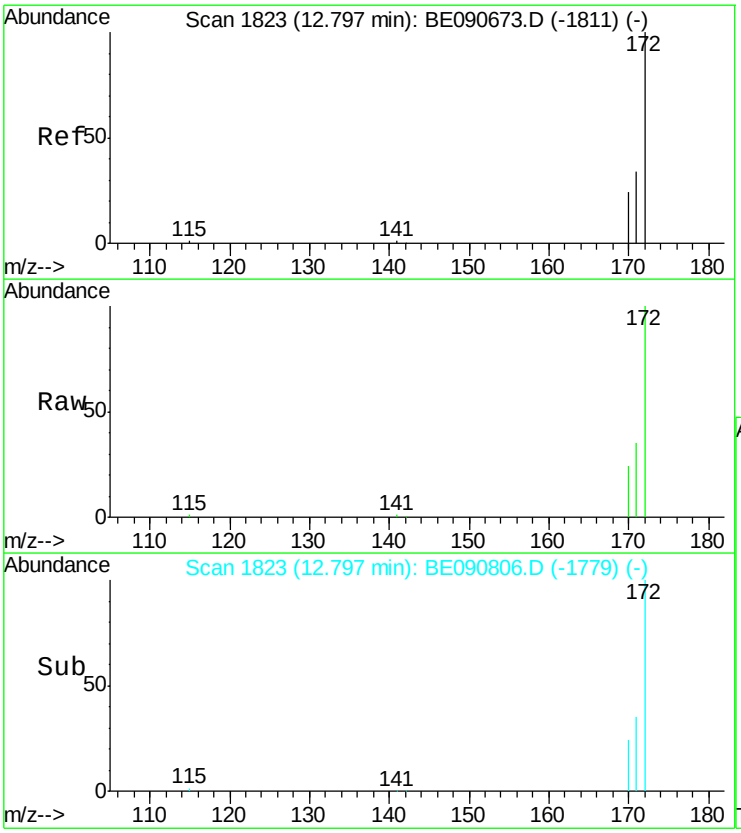
#13
2,4,6-Tribromophenol
Concen: 6.18 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:330 Resp: 13067

Ion	Ratio	Lower	Upper
330	100		
332	97.3	74.9	112.3
141	186.8	145.2	217.8

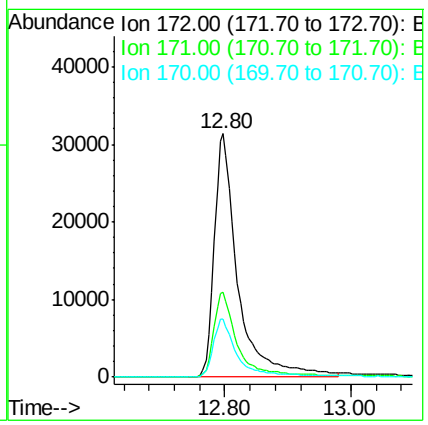


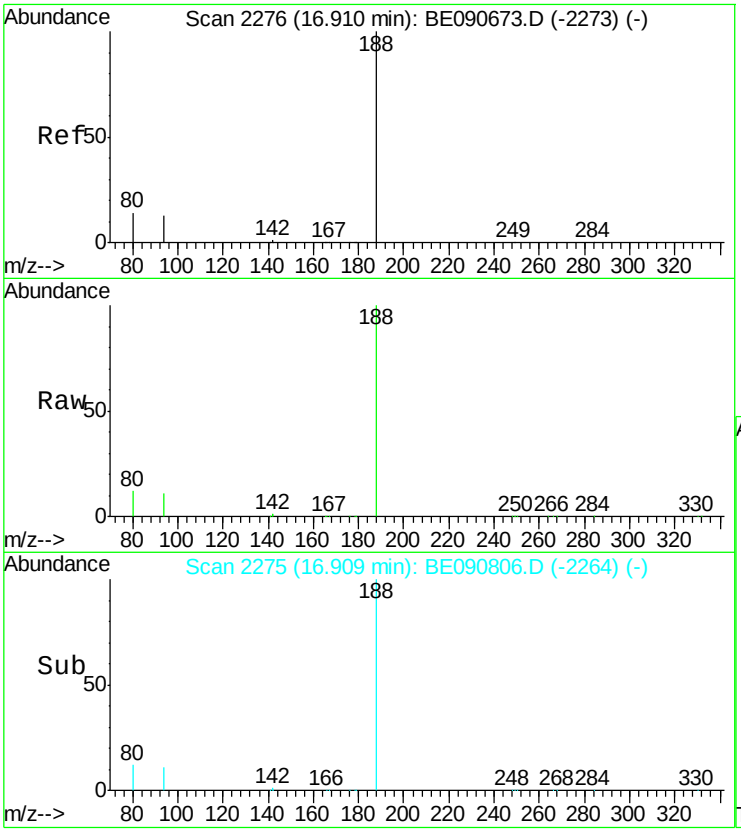


#14
2-Fluorobiphenyl
Concen: 4.02 ng
RT: 12.80 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:172 Resp: 80687

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.6	19.8	29.6



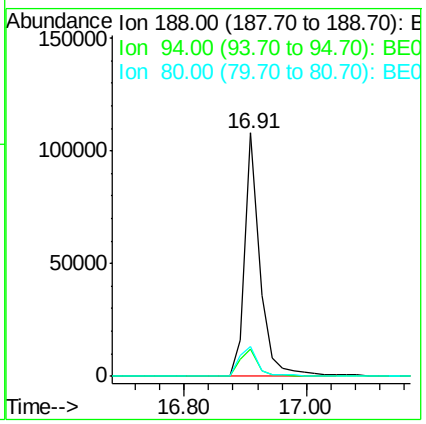


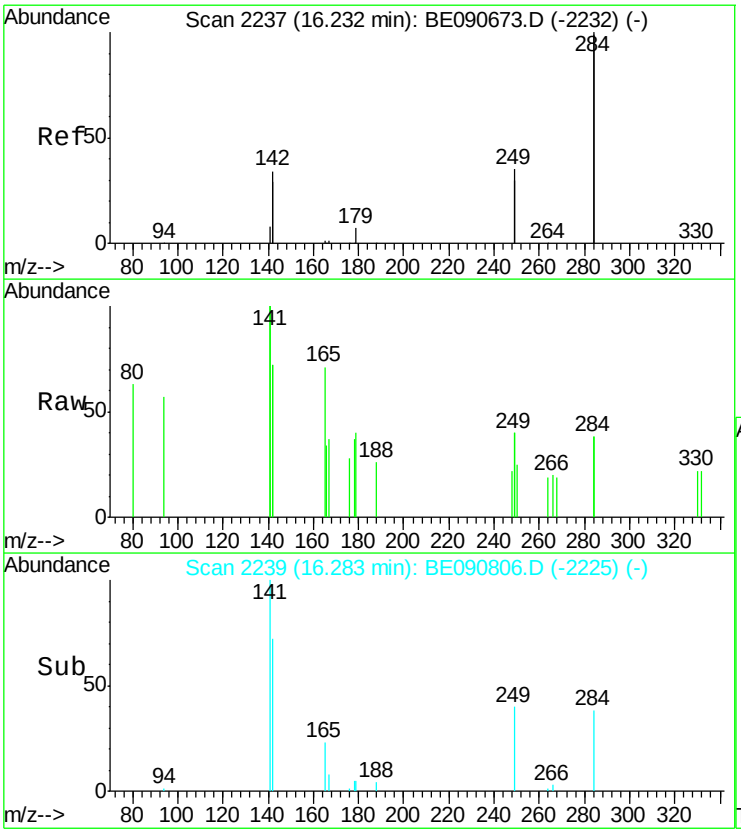
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:188 Resp: 186248

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.3	15.5
80	12.0	11.0	16.6

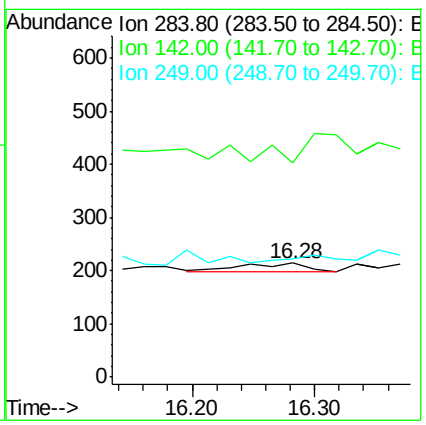


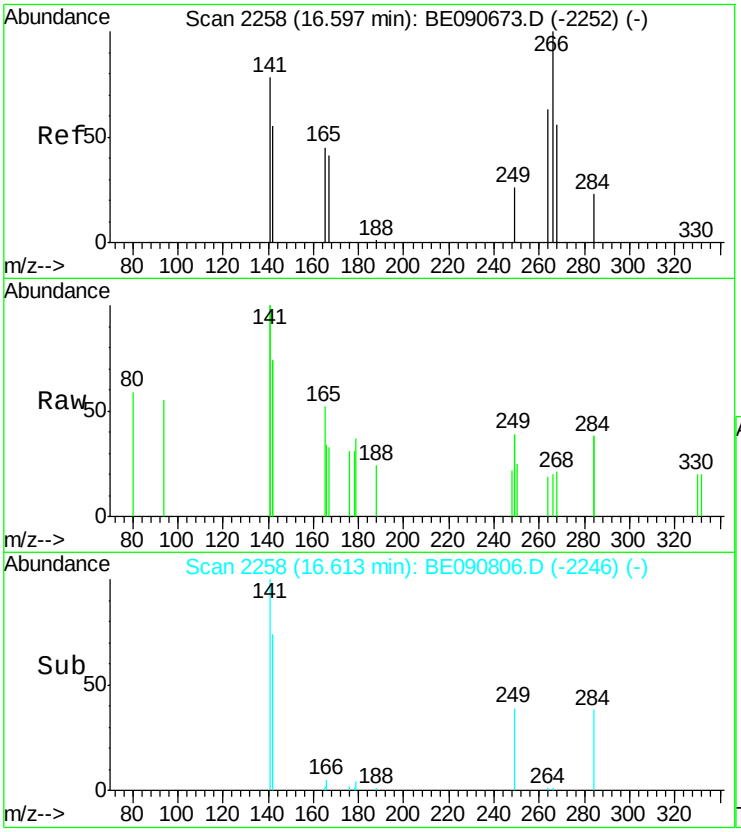


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.28 min Scan# 2239
Delta R.T. 0.05 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:284 Resp: 61

Ion	Ratio	Lower	Upper
284	100		
142	242.6	35.0	52.4#
249	57.4	25.5	38.3#



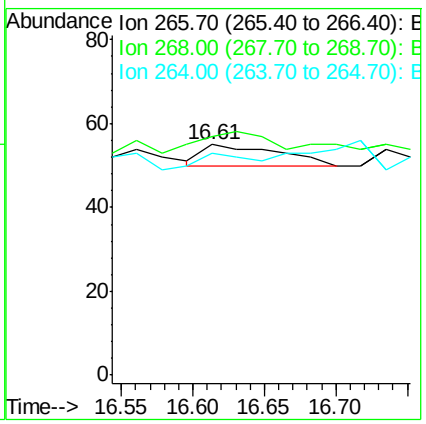


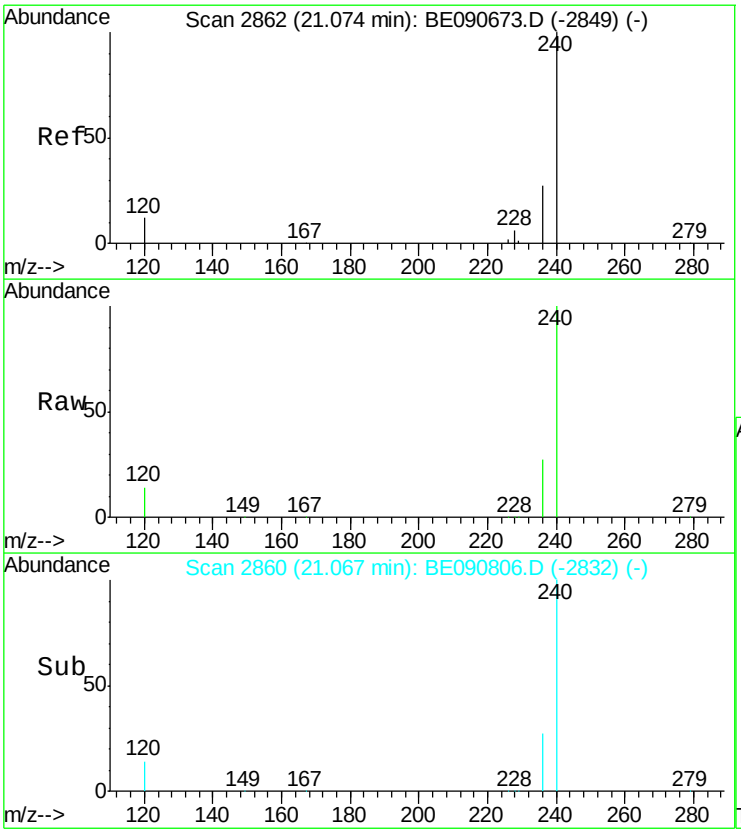
#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
268	103.6	49.6	74.4#
264	96.4	53.9	80.9#

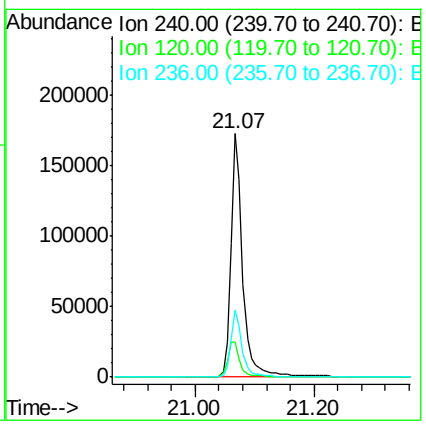


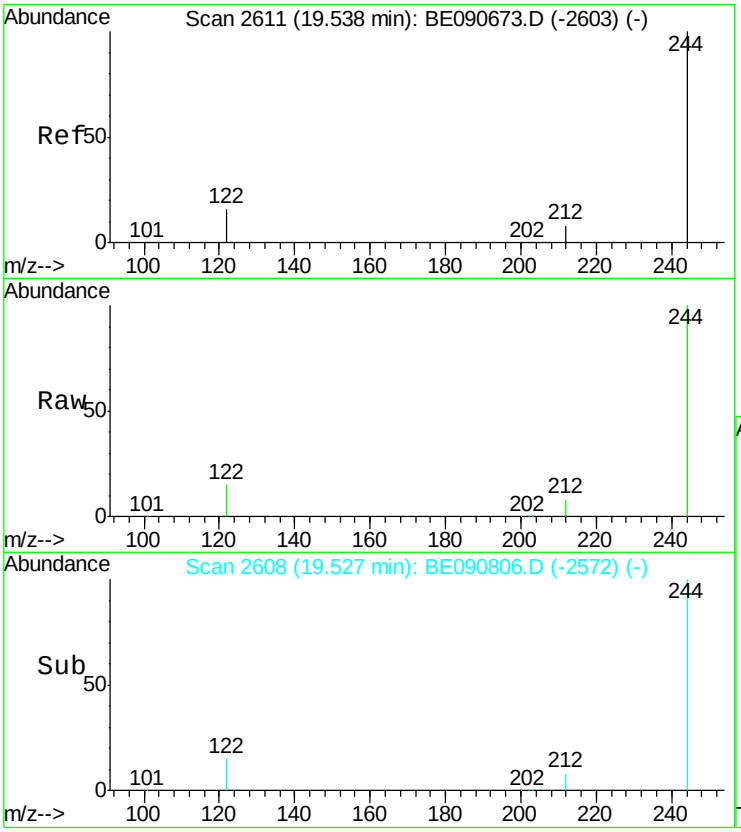


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:240 Resp: 239367

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.1	15.1
236	27.5	21.9	32.9



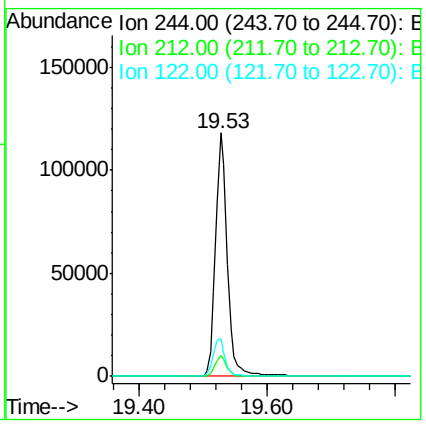


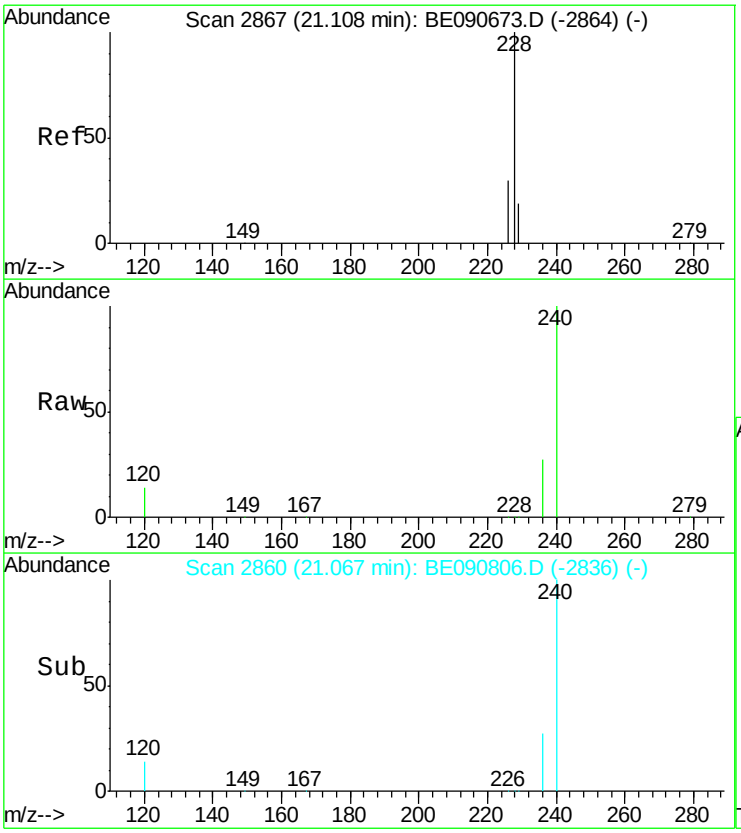
#27
Terphenyl-d14
Concen: 5.71 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:244 Resp: 151307

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.9	10.3
122	15.3	12.9	19.3

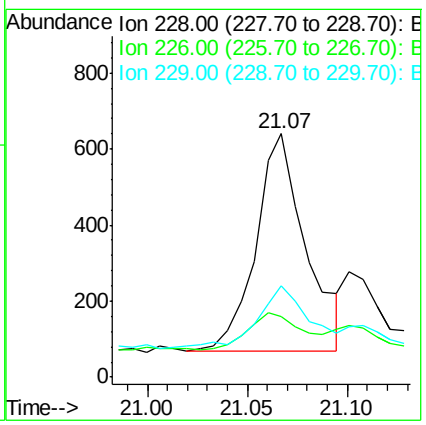


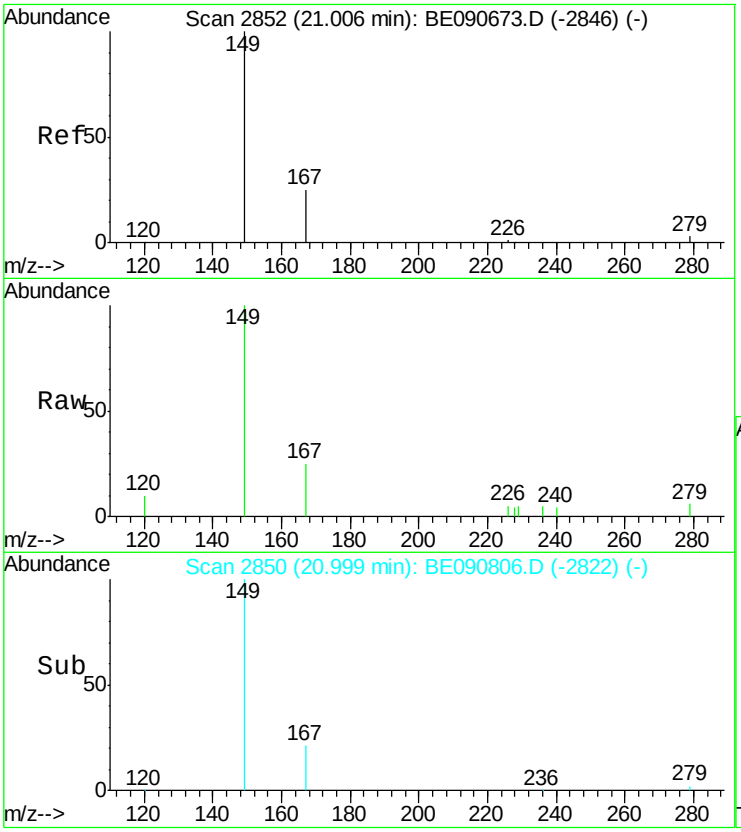


#29
Chrysene
Concen: Below Cal
RT: 21.07 min Scan# 2860
Delta R.T. -0.04 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:228 Resp: 993

Ion	Ratio	Lower	Upper
228	100		
226	24.6	24.2	36.4
229	37.4	15.3	22.9#



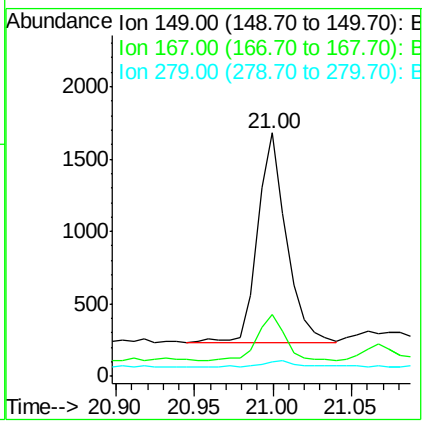


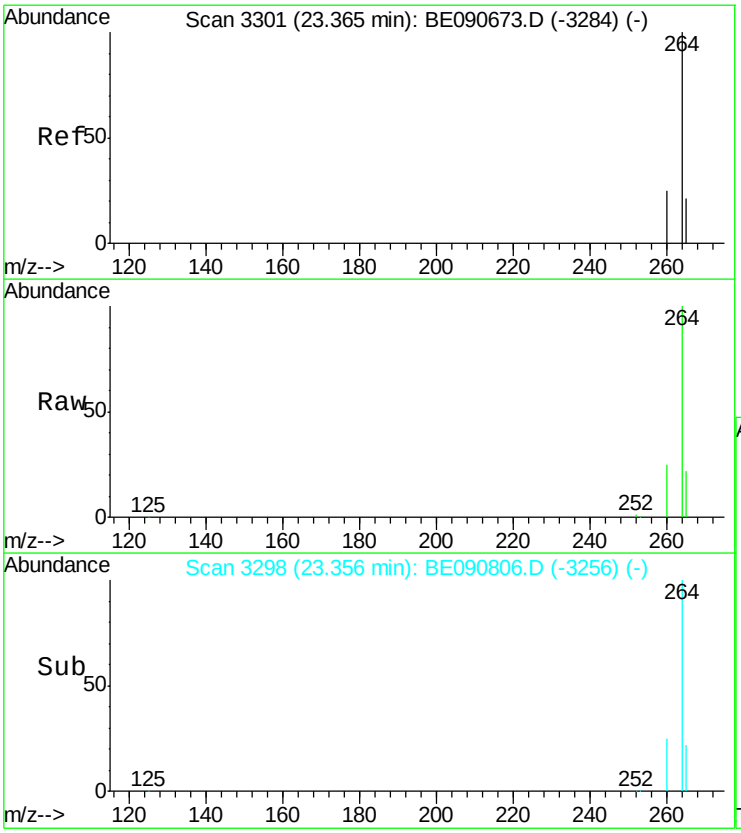
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:149 Resp: 1862

Ion	Ratio	Lower	Upper
149	100		
167	21.1	20.1	30.1
279	3.2	2.3	3.5

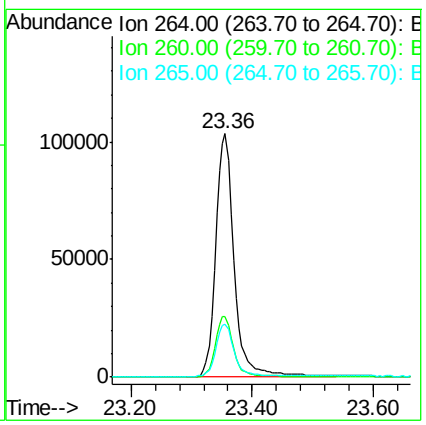


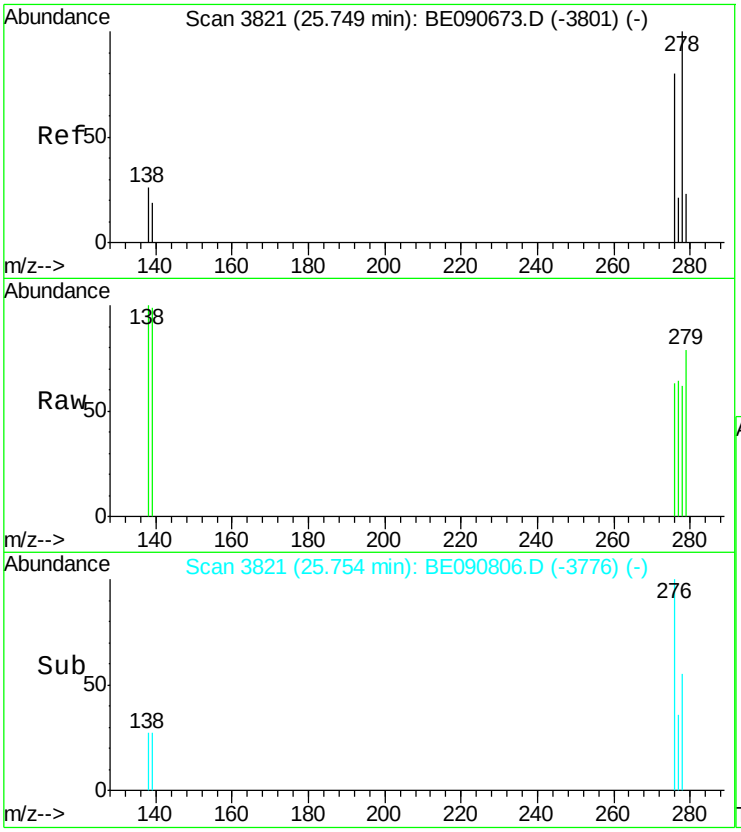


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

Tgt Ion:264 Resp: 218343

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.9	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.75 min Scan# 3821
Delta R.T. 0.01 min
Lab File: BE090806.D
Acq: 14 Sep 2015 19:43

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

Tgt Ion:278 Resp: 11

Ion	Ratio	Lower	Upper
278	100		
139	159.1	15.4	23.0#
279	127.3	18.8	28.2#