Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
Data File : BE090829.D
Acq On : 15 Sep 2015 12:48
Operator : UM/IZ
Sample : G3657-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 15 13:44:19 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	7.54	152	30743	5.00	ng	-0.01
6) Naphthalene-d8	10.30	136	134397	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	72778	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	190267	5.00	ng	0.00
25) Chrysene-d12	21.07	240	237941	5.00	ng	0.00
32) Perylene-d12	23.35	264	222085	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	16460	2.76	ng	-0.01
5) Phenol-d6	6.75	99	11909	1.39	ng	0.00
7) Nitrobenzene-d5	8.71	82	33162	3.73	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	13303	6.26	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	80086	3.97	ng	0.00
27) Terphenyl-d14	19.53	244	146869	5.58	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	76	Below Cal	#	1
3) n-Nitrosodimethylamine	3.47	42	39	Below Cal	#	6
8) Nitrobenzene	8.76	77	22	0.11	ng #	91
9) Naphthalene	10.35	128	1202	0.04	ng #	73
20) Hexachlorobenzene	16.25	284	31	Below Cal	#	1
21) Pentachlorophenol	16.65	266	75	0.49	ng #	68
29) Chrysene	21.10	228	624	Below Cal	#	67
30) Bis(2-ethylhexyl)phthalate	21.00	149	1477	0.17	ng #	96
36) Dibenzo(a,h)anthracene	25.74	278	25	0.14	ng #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
Data File : BE090829.D
Acq On : 15 Sep 2015 12:48
Operator : UM/IZ
Sample : G3657-01RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Sep 15 13:44:19 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
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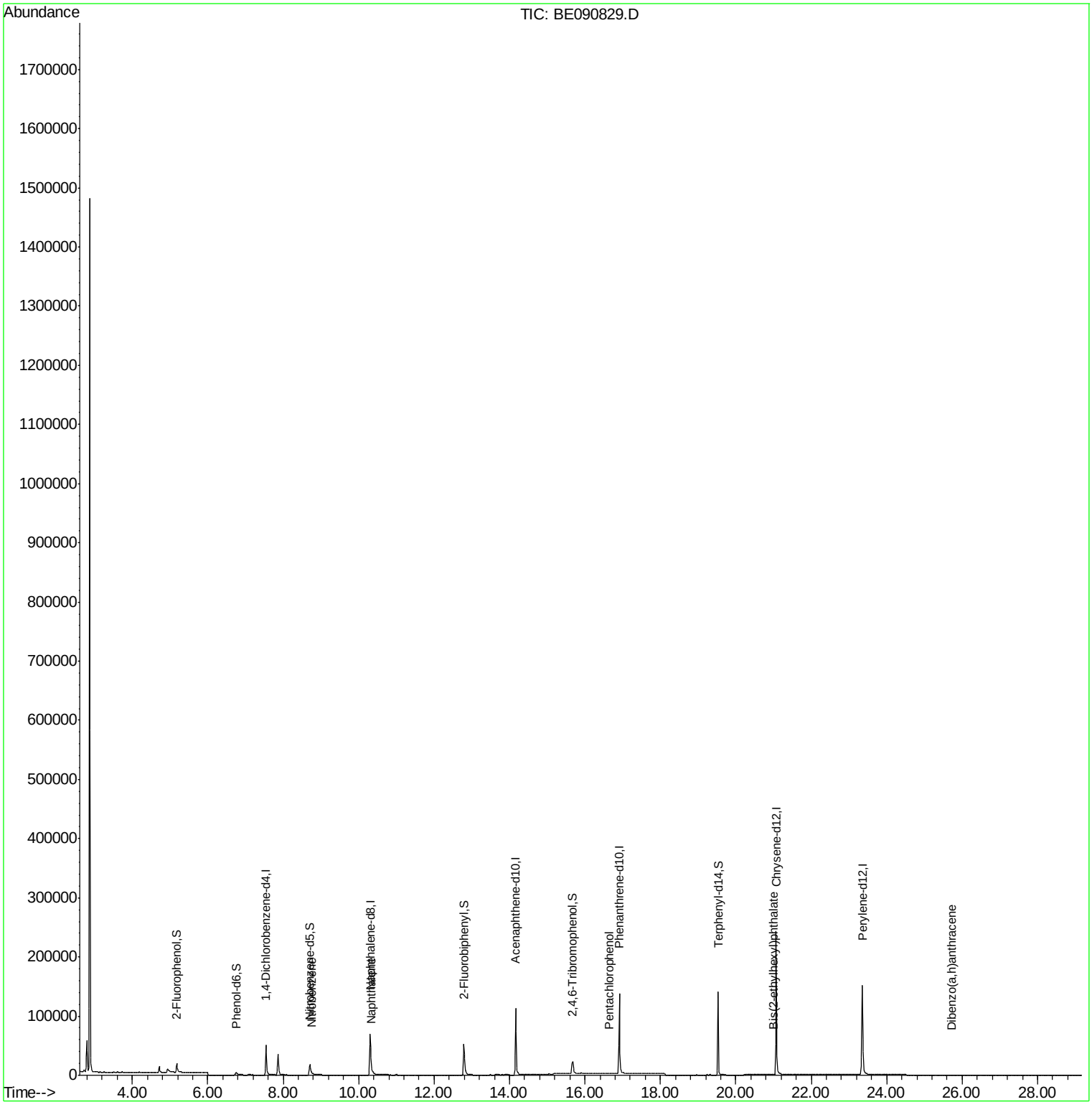
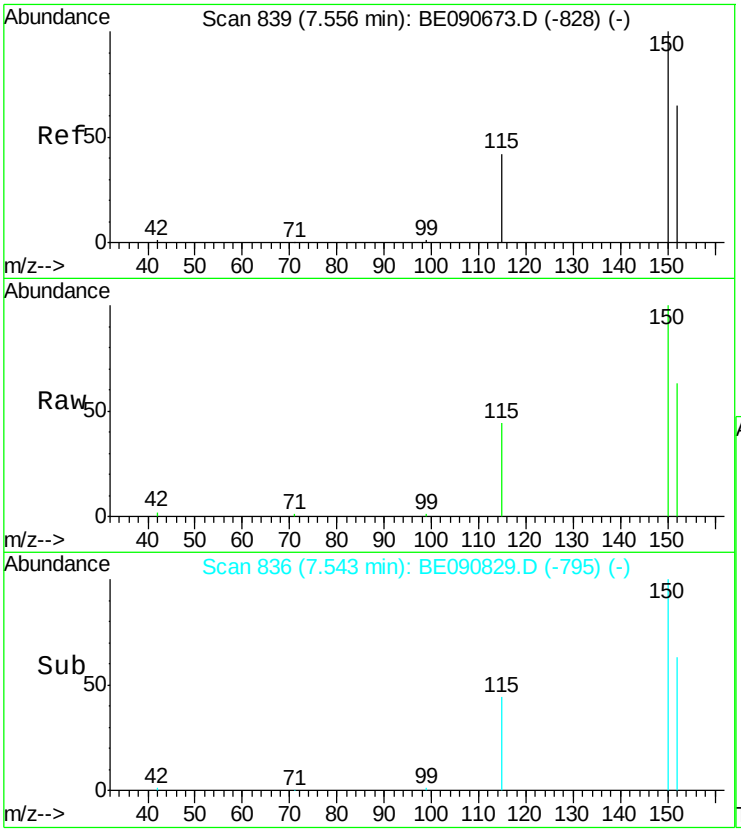


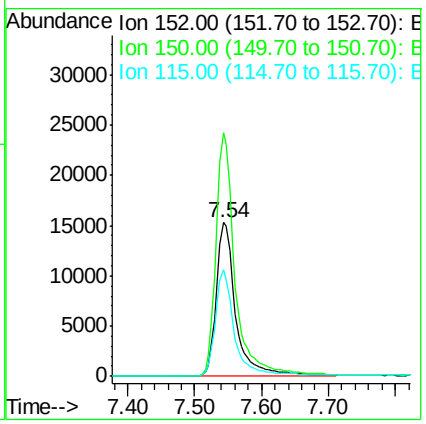


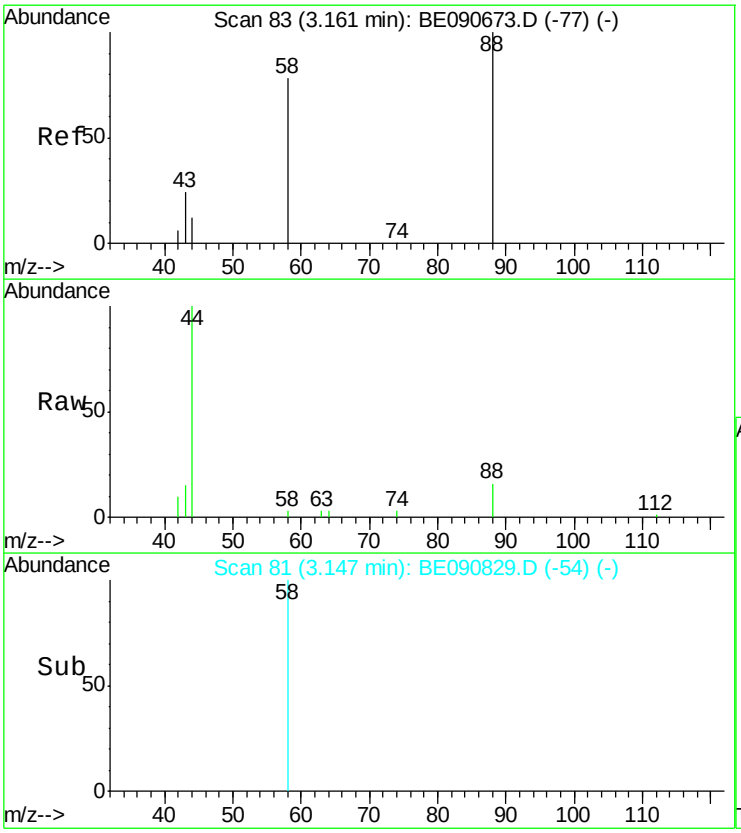
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.54 min Scan# 836
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:152 Resp: 30743

Ion	Ratio	Lower	Upper
152	100		
150	158.3	122.2	183.4
115	69.4	51.0	76.4

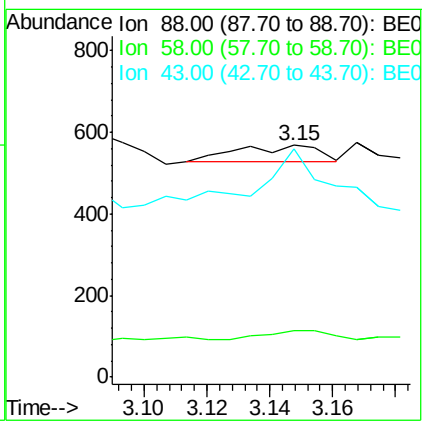


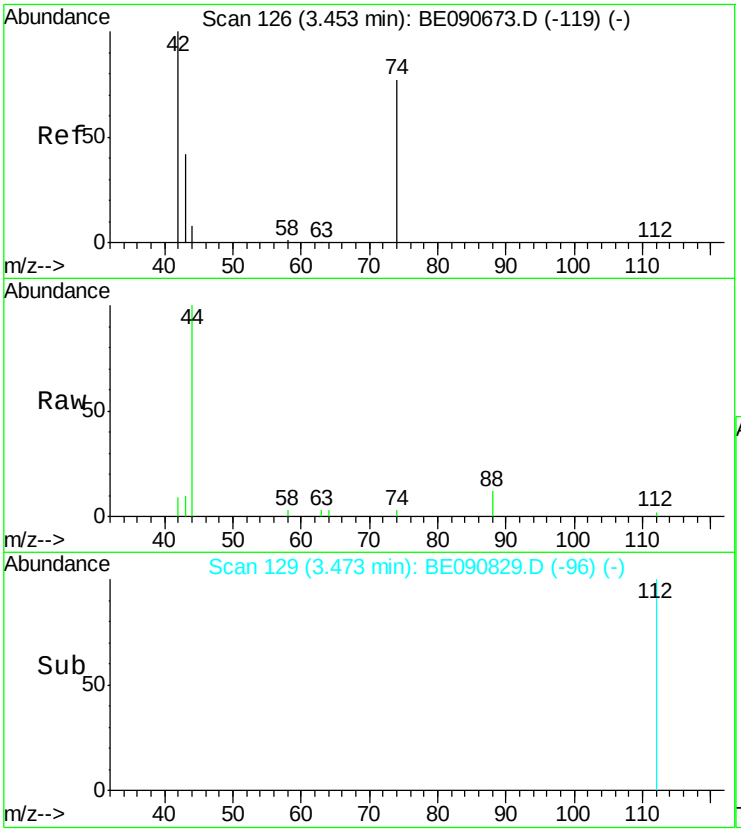


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 81
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion: 88 Resp: 76

Ion	Ratio	Lower	Upper
88	100		
58	43.4	68.4	102.6#
43	321.1	26.9	40.3#



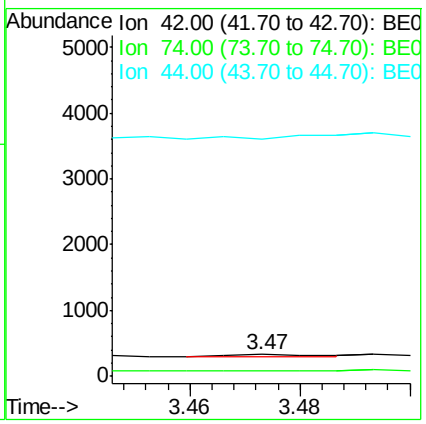


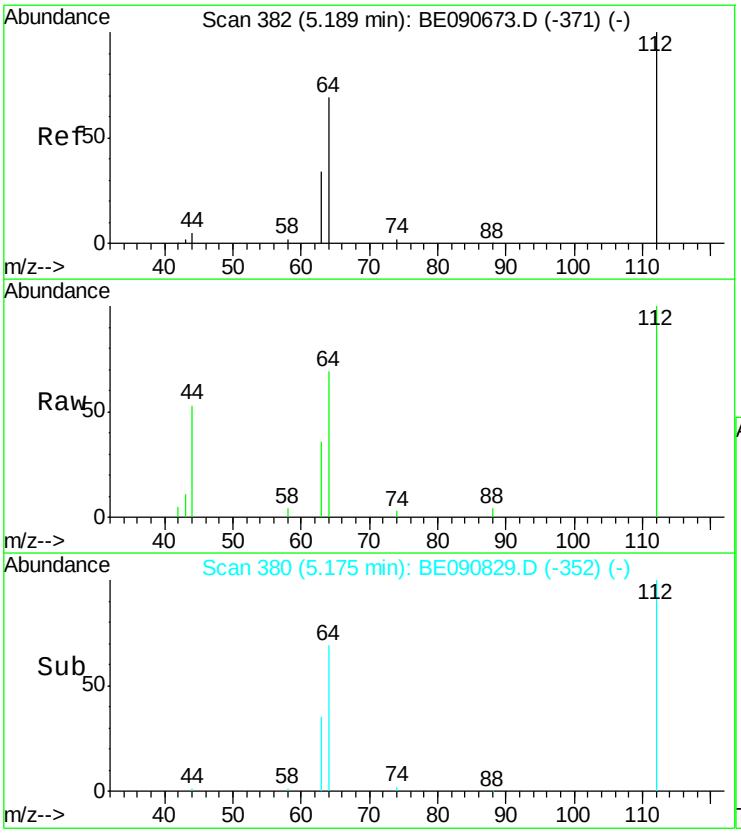
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.47 min Scan# 129
Delta R.T. 0.02 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion: 42 Resp: 39

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

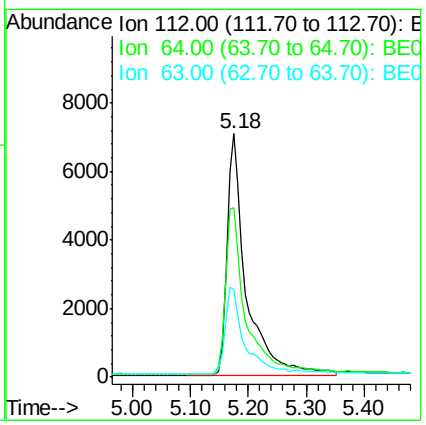


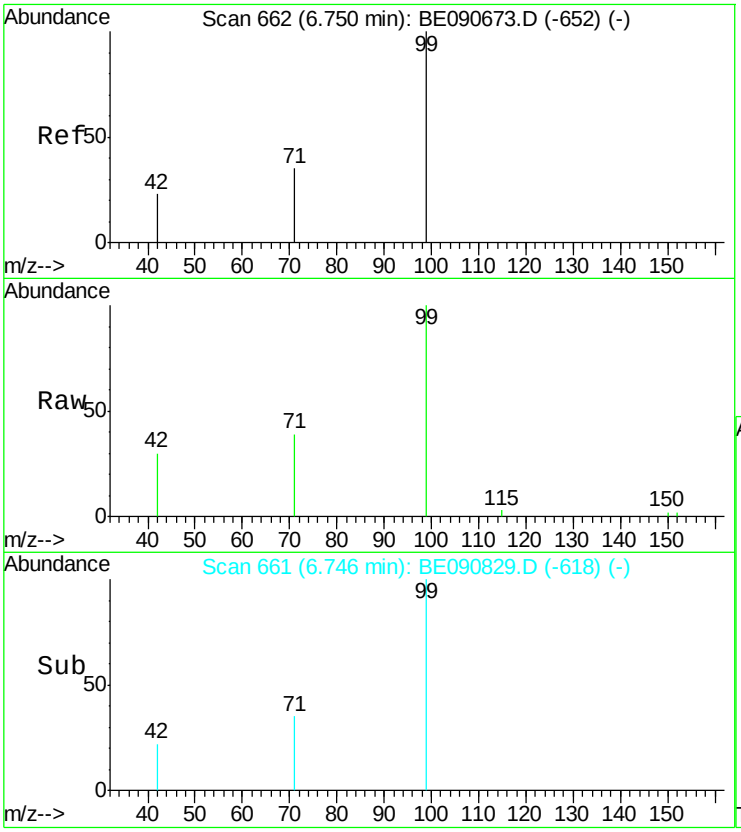


#4
2-Fluorophenol
Concen: 2.76 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:112 Resp: 16460

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.3	85.9
63	36.3	29.2	43.8



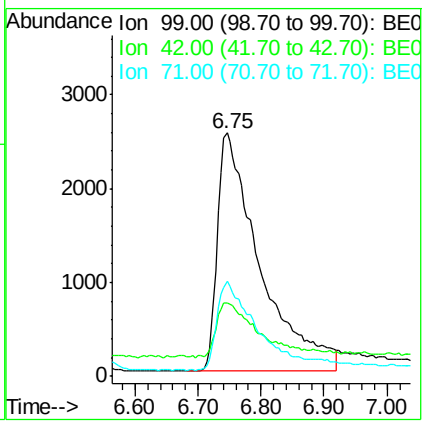


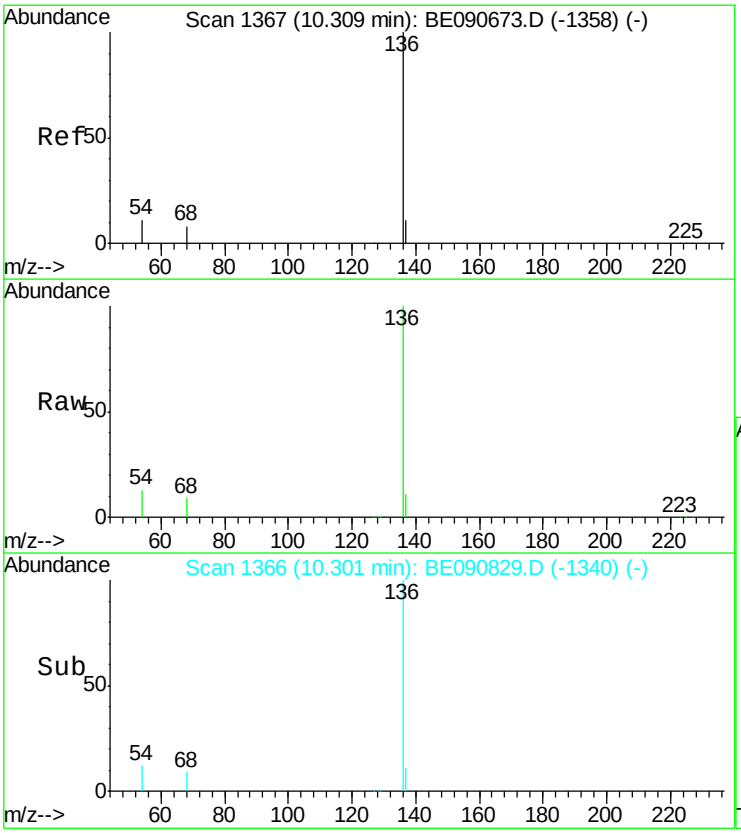
#5
Phenol-d6
Concen: 1.39 ng
RT: 6.75 min Scan# 661
Delta R.T. -0.00 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion: 99 Resp: 11909

Ion	Ratio	Lower	Upper
99	100		
42	22.3	16.8	25.2
71	34.8	28.3	42.5

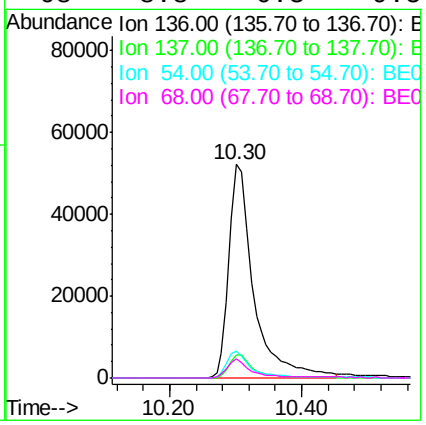


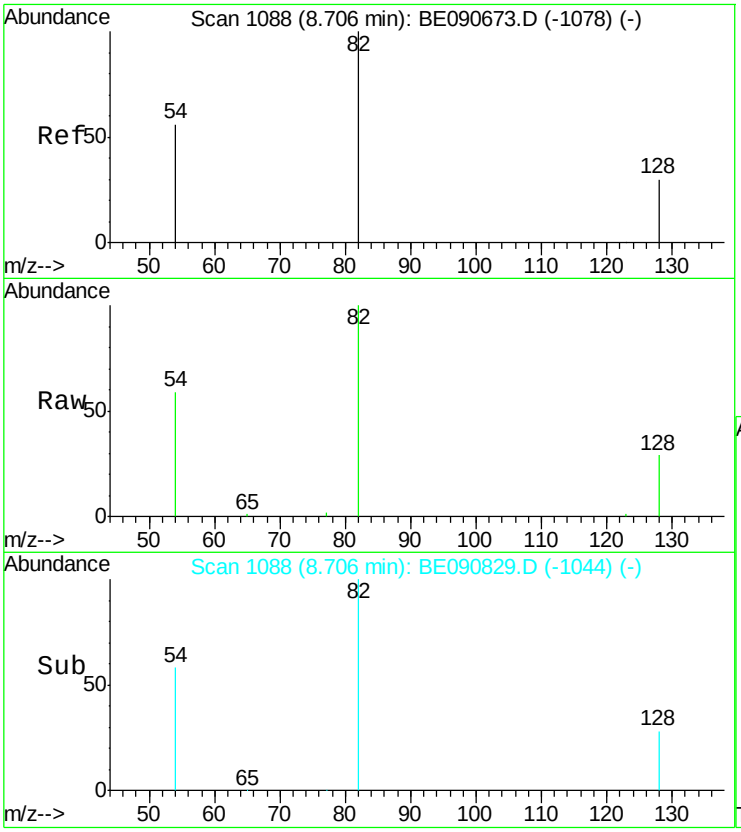


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:136 Resp: 134397

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	12.6	9.0	13.6
68	8.8	6.3	9.5



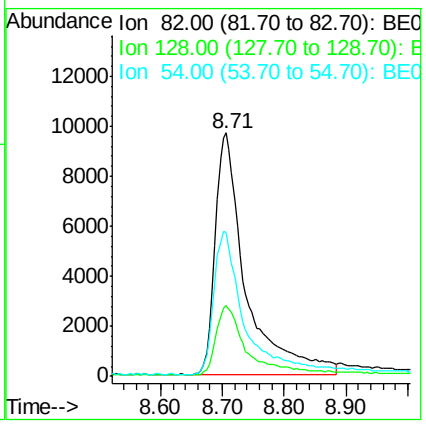


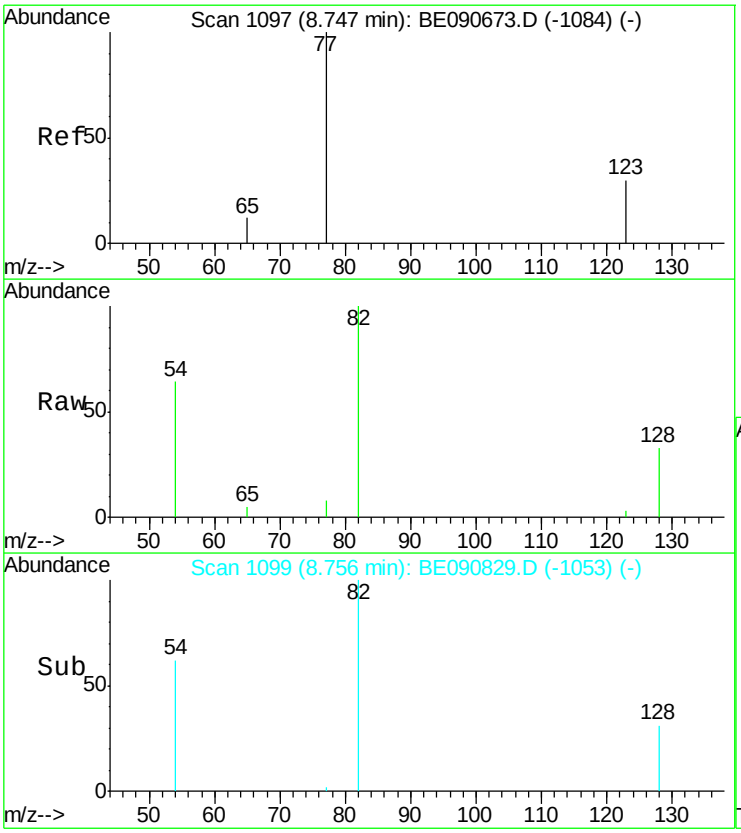
#7
Nitrobenzene-d5
Concen: 3.73 ng
RT: 8.71 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion: 82 Resp: 33162

Ion	Ratio	Lower	Upper
82	100		
128	28.9	25.0	37.4
54	58.8	46.3	69.5

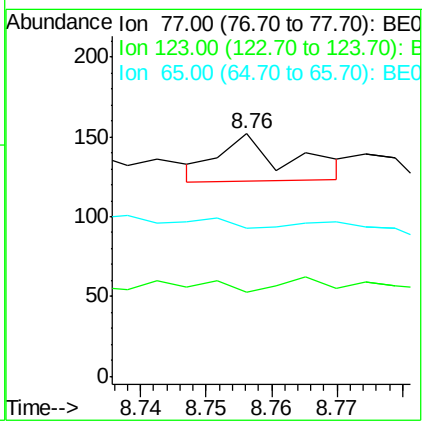


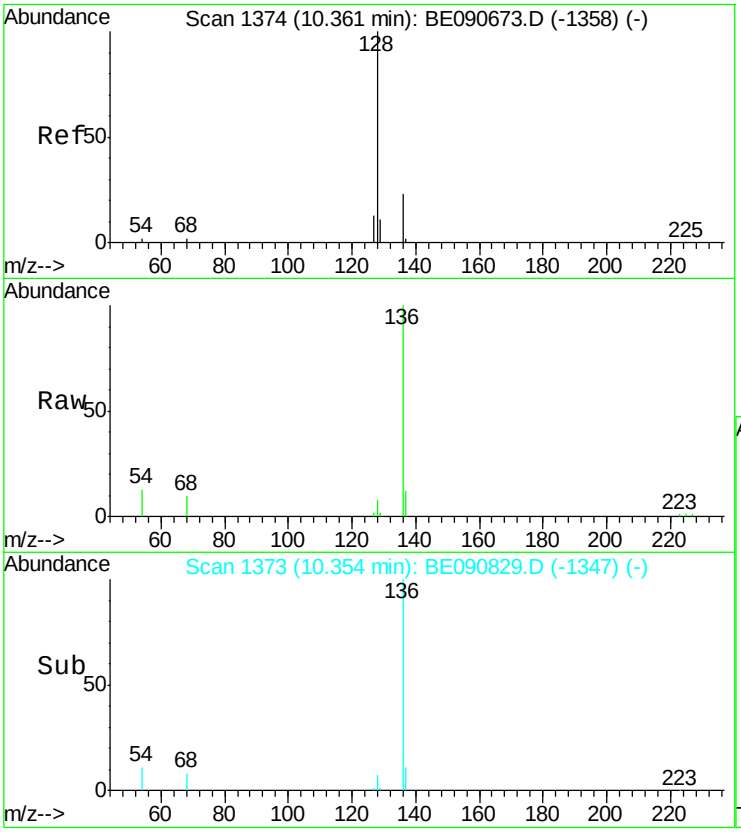


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.76 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion: 77 Resp: 22

Ion	Ratio	Lower	Upper
77	100		
123	31.8	25.1	37.7
65	0.0	9.9	14.9#



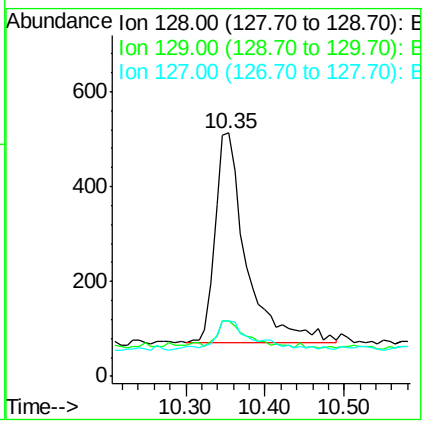


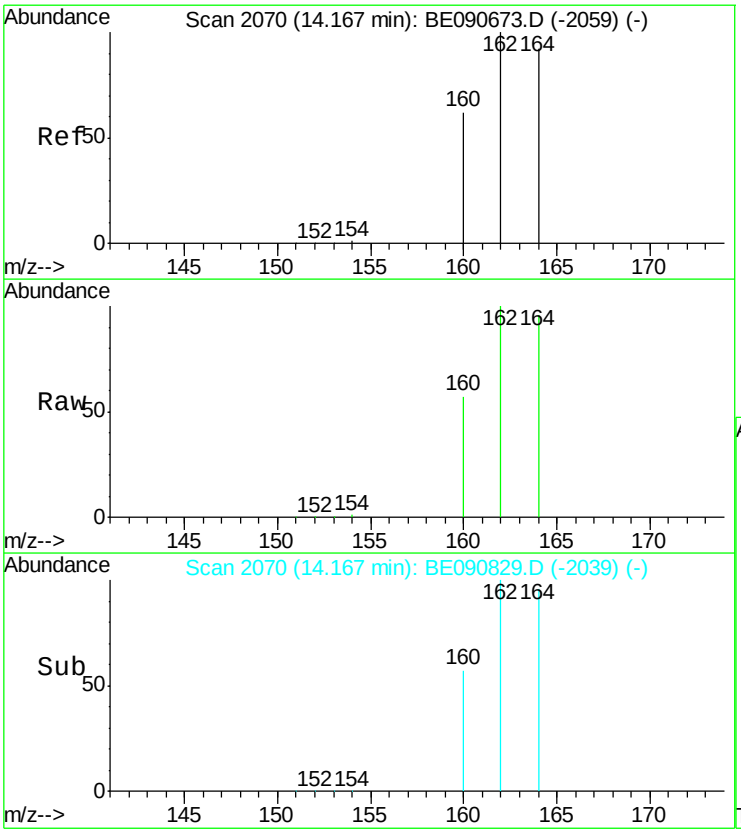
#9
Naphthalene
Concen: 0.04 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:128 Resp: 1202

Ion	Ratio	Lower	Upper
128	100		
129	22.8	9.0	13.6#
127	23.0	10.6	15.8#

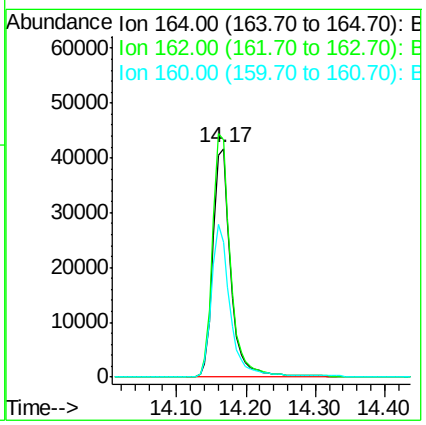


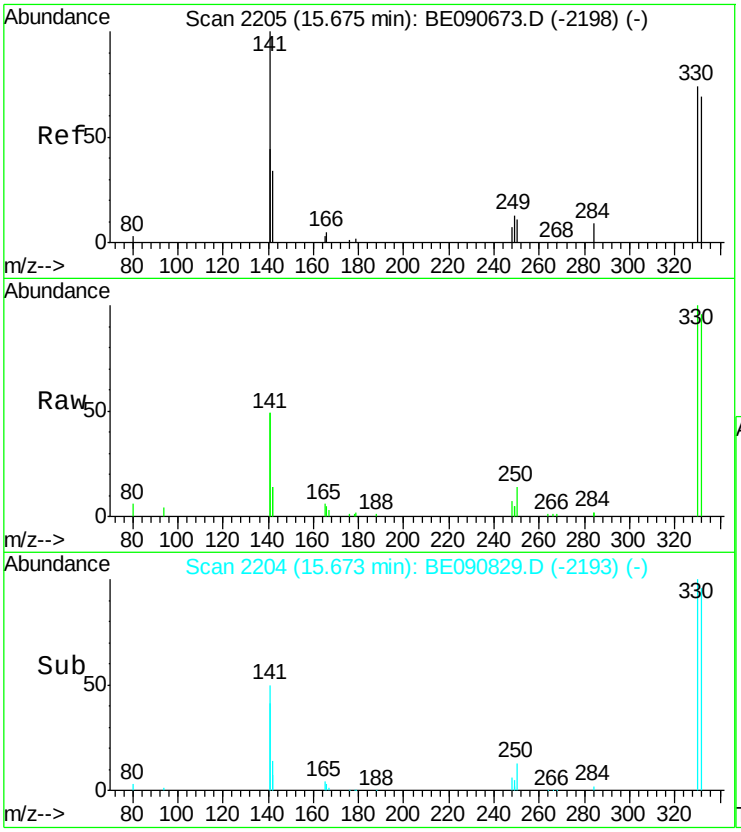


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:164 Resp: 72778

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.8	130.2
160	59.0	53.9	80.9



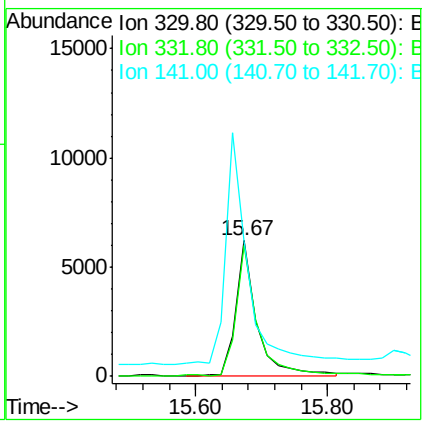


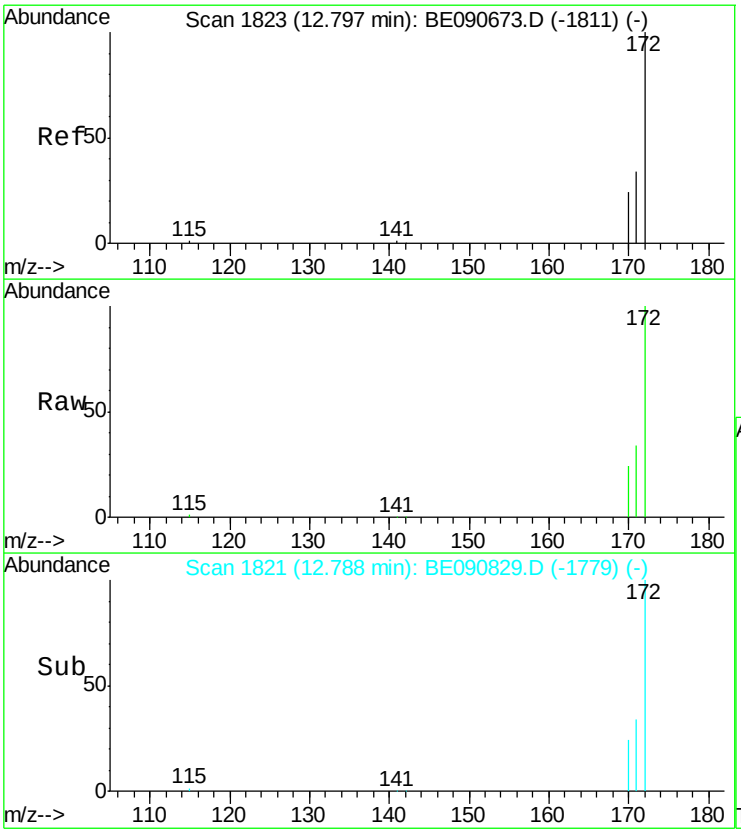
#13
2,4,6-Tribromophenol
Concen: 6.26 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:330 Resp: 13303

Ion	Ratio	Lower	Upper
330	100		
332	96.9	74.9	112.3
141	184.2	145.2	217.8

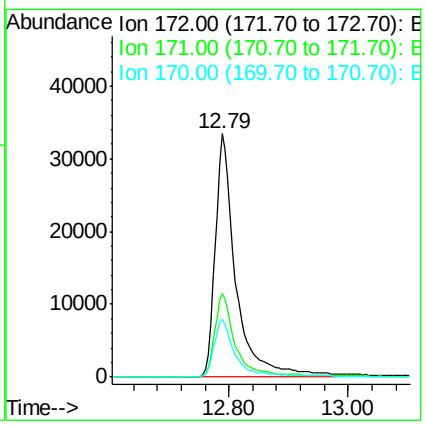


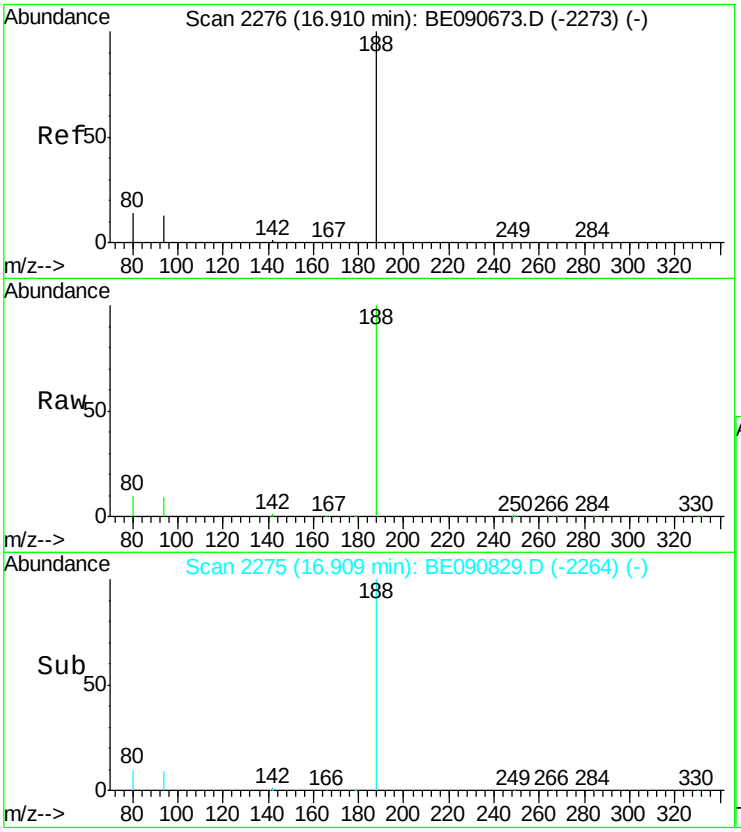


#14
2-Fluorobiphenyl
Concen: 3.97 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:172 Resp: 80086

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.8
170	23.7	19.8	29.6



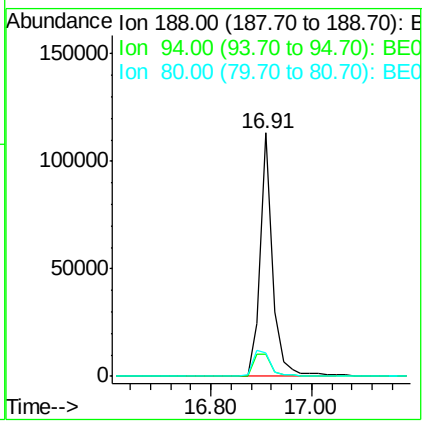


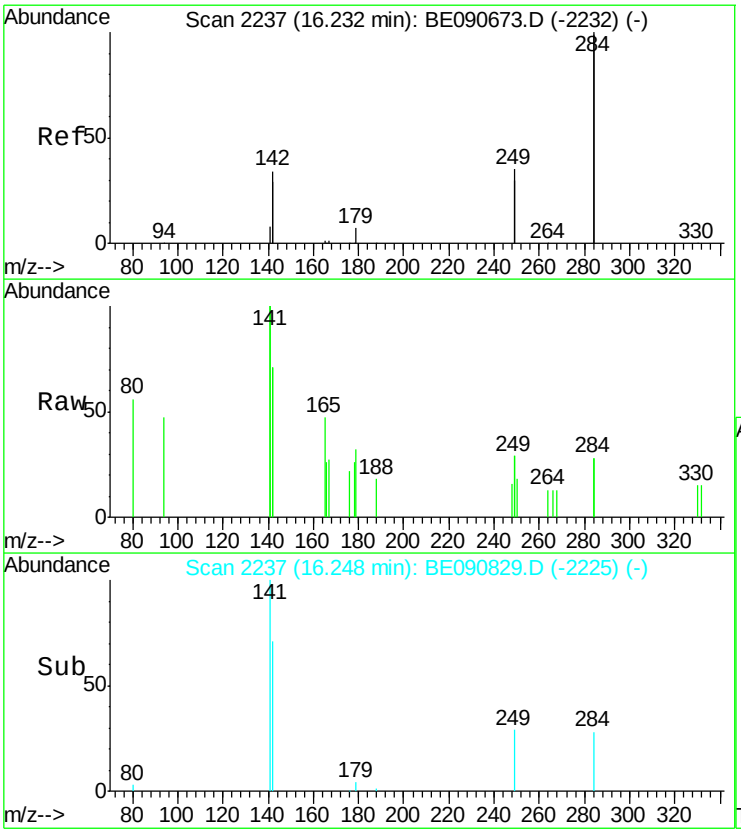
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:188 Resp: 190267

Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.3	15.5#
80	9.9	11.0	16.6#

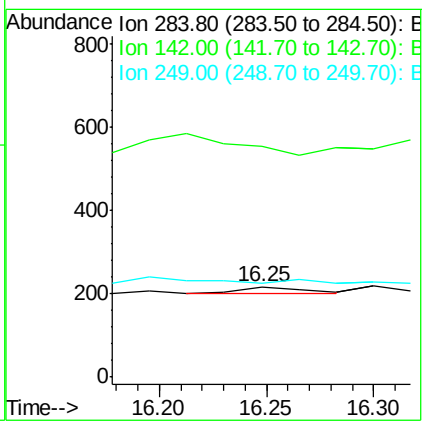


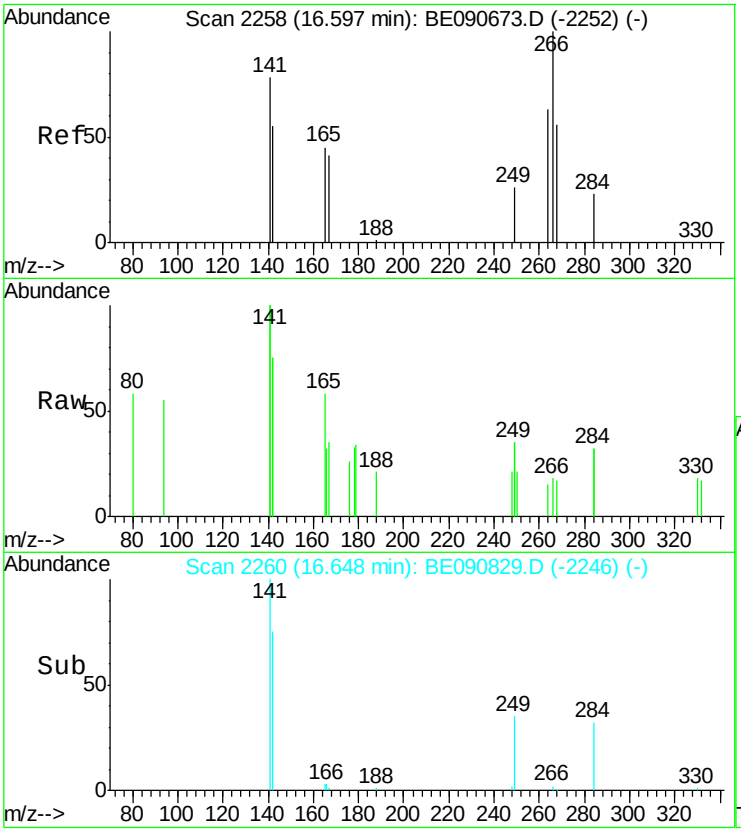


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.25 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:284 Resp: 31

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.0	52.4#
249	122.6	25.5	38.3#



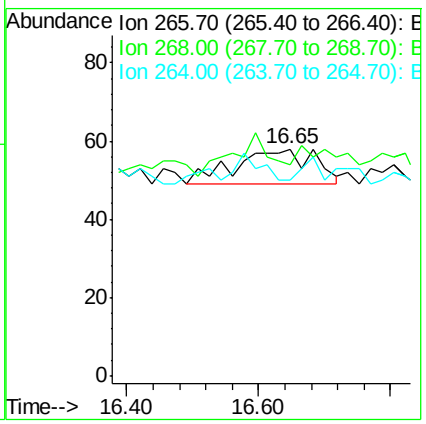


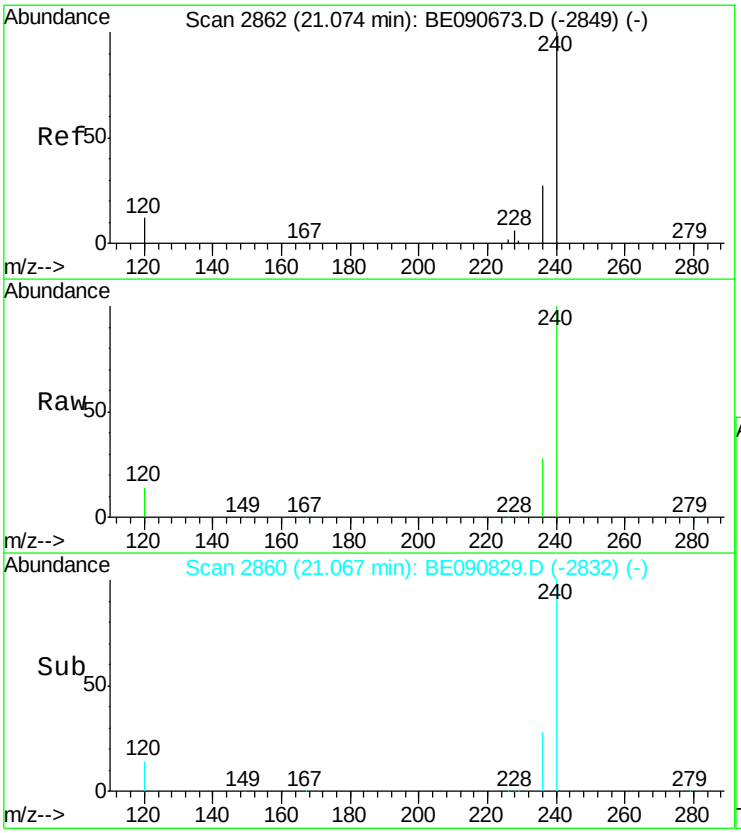
#21
Pentachlorophenol
Concen: 0.49 ng
RT: 16.65 min Scan# 2260
Delta R.T. 0.05 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:266 Resp: 75

Ion	Ratio	Lower	Upper
266	100		
268	93.1	49.6	74.4#
264	86.2	53.9	80.9#

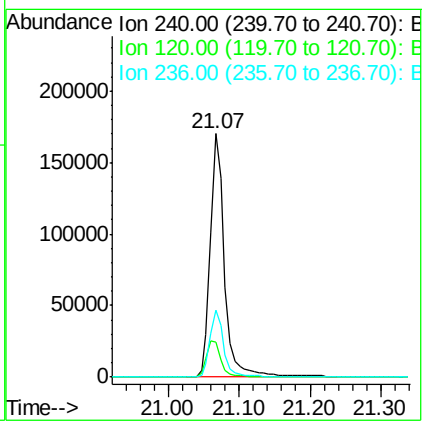


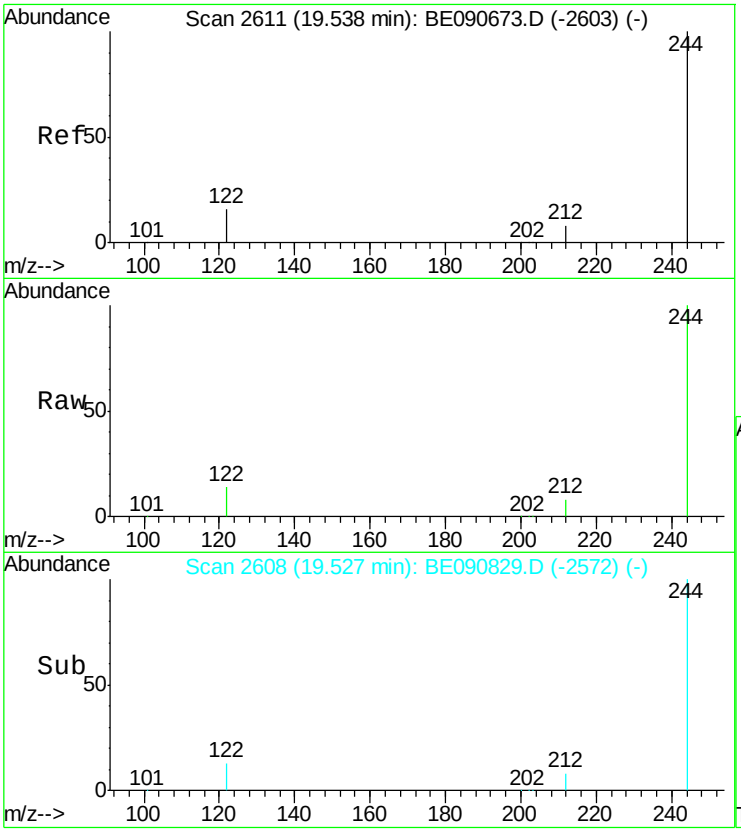


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:240 Resp: 237941

Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.1	15.1
236	27.6	21.9	32.9



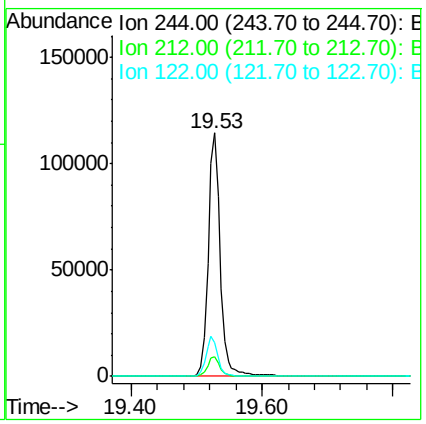


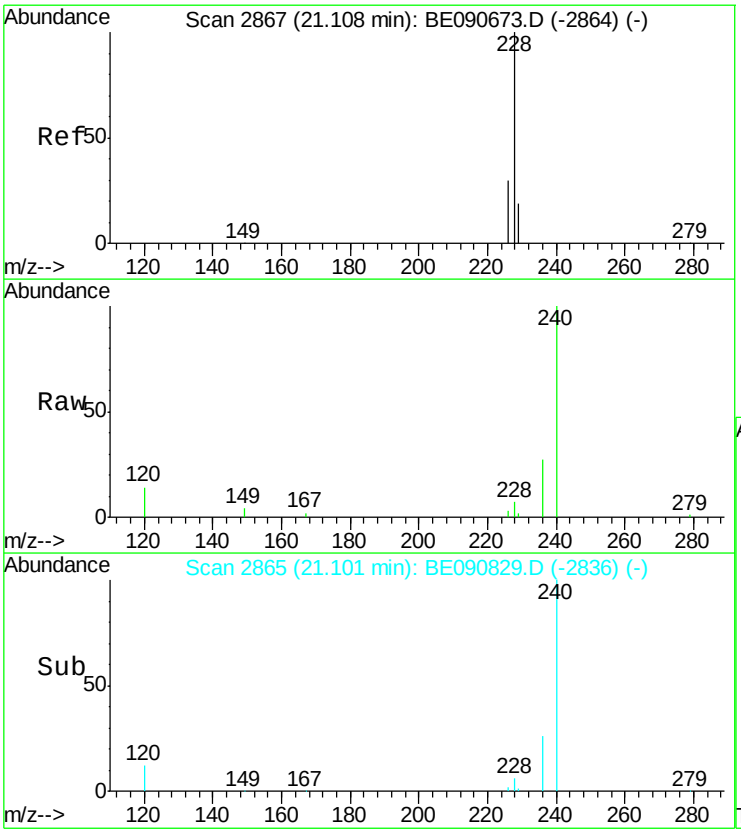
#27
Terphenyl-d14
Concen: 5.58 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:244 Resp: 146869

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	13.6	12.9	19.3

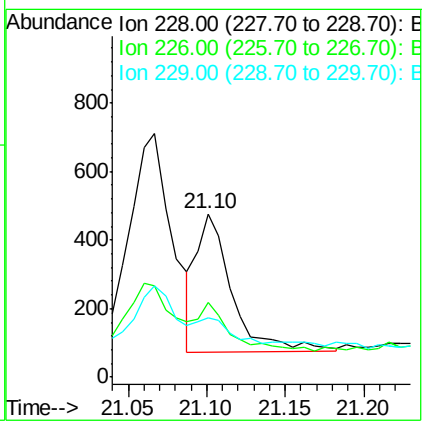


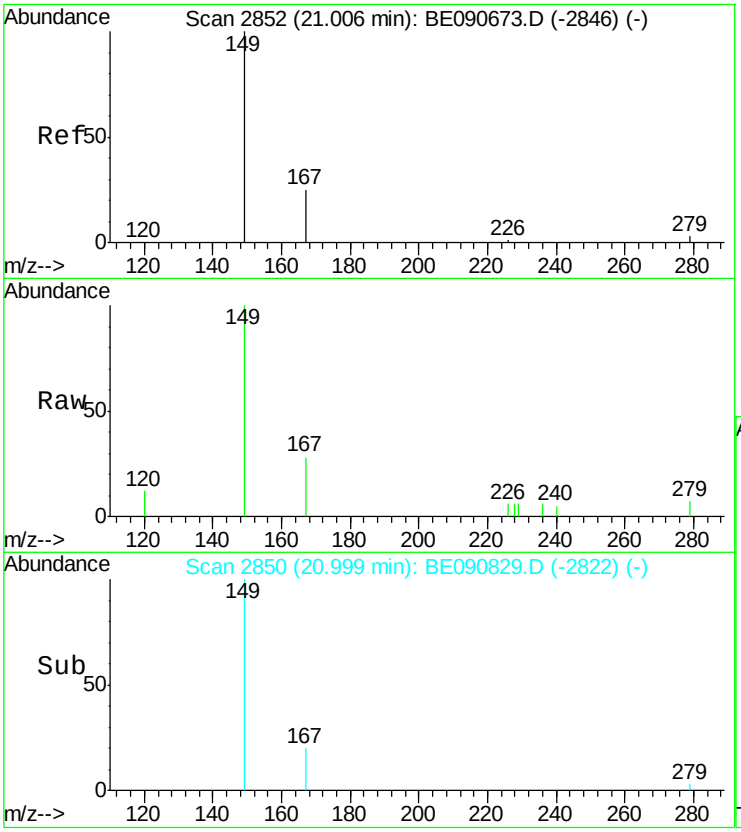


#29
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:228 Resp: 624

Ion	Ratio	Lower	Upper
228	100		
226	46.1	24.2	36.4#
229	36.3	15.3	22.9#



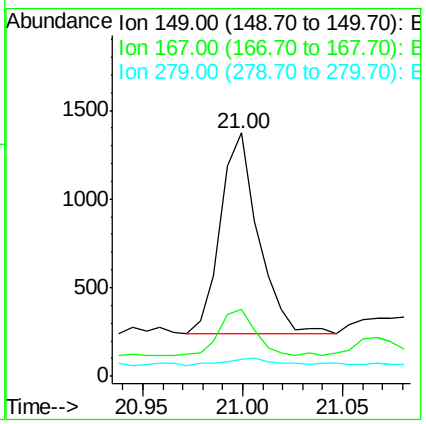


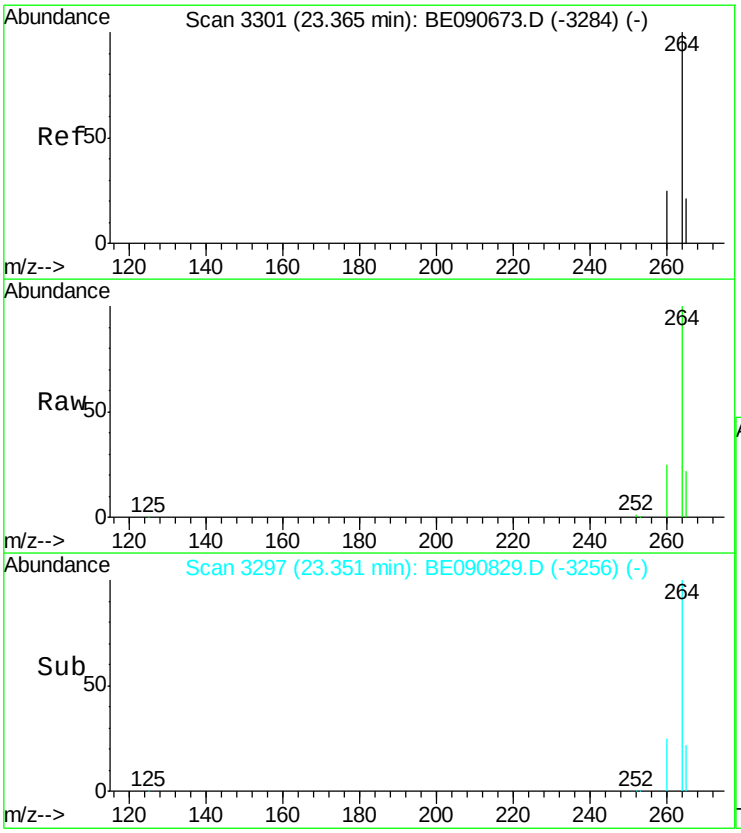
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:149 Resp: 1477

Ion	Ratio	Lower	Upper
149	100		
167	23.0	20.1	30.1
279	4.4	2.3	3.5#

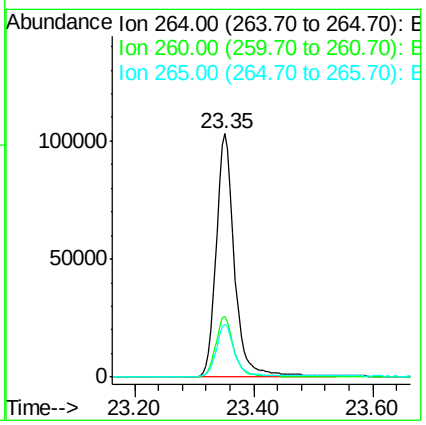


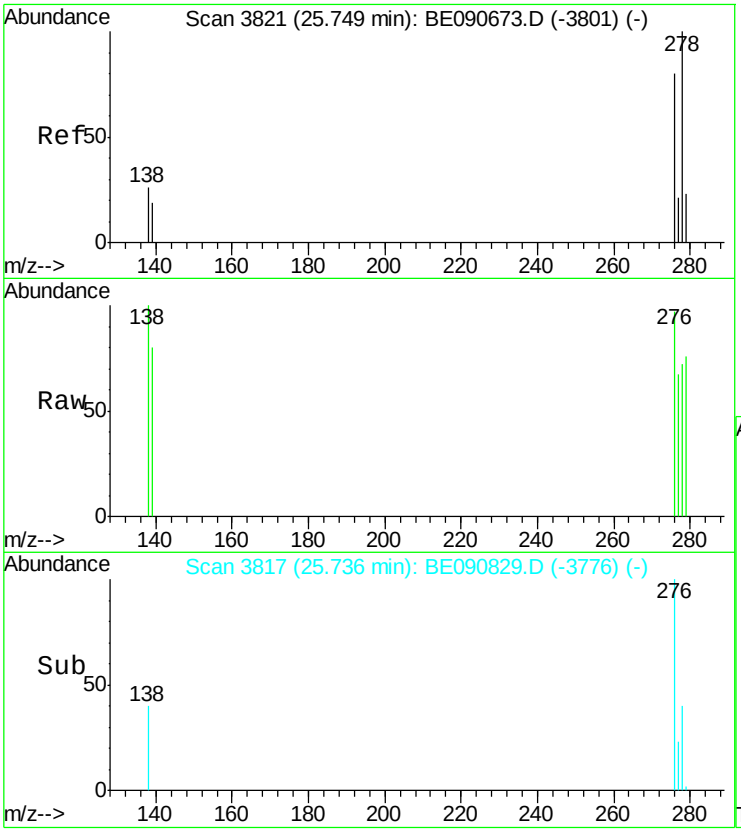


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

Tgt Ion:264 Resp: 222085

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	21.9	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BE090829.D
Acq: 15 Sep 2015 12:48

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

Tgt Ion:278 Resp: 25

Ion	Ratio	Lower	Upper
278	100		
139	110.7	15.4	23.0#
279	104.8	18.8	28.2#