Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090807.D
Acq On : 14 Sep 2015 20:19
Operator : UM/IZ
Sample : G3657-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 15 00:58:25 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	37208	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	153199	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	78545	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	198582	5.00	ng		0.00
25) Chrysene-d12	21.07	240	253616	5.00	ng		0.00
32) Perylene-d12	23.35	264	235996	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	19816	2.74	ng		0.00
5) Phenol-d6	6.75	99	14927	1.44	ng		0.00
7) Nitrobenzene-d5	8.71	82	38165	3.77	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	14183	6.19	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	87594	4.03	ng		0.00
27) Terphenyl-d14	19.53	244	161600	5.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	147	Below Cal		#	9
3) n-Nitrosodimethylamine	3.43	42	121	Below Cal		#	8
8) Nitrobenzene	8.79	77	17	0.11	ng	#	1
9) Naphthalene	10.35	128	1212	0.04	ng	#	78
20) Hexachlorobenzene	16.25	284	94	Below Cal		#	37
21) Pentachlorophenol	16.54	266	6	0.46	ng	#	50
29) Chrysene	21.10	228	636	Below Cal		#	78
30) Bis(2-ethylhexyl)phthalate	21.00	149	4854	0.39	ng		96
36) Dibenzo(a,h)anthracene	25.72	278	32	0.14	ng	#	1

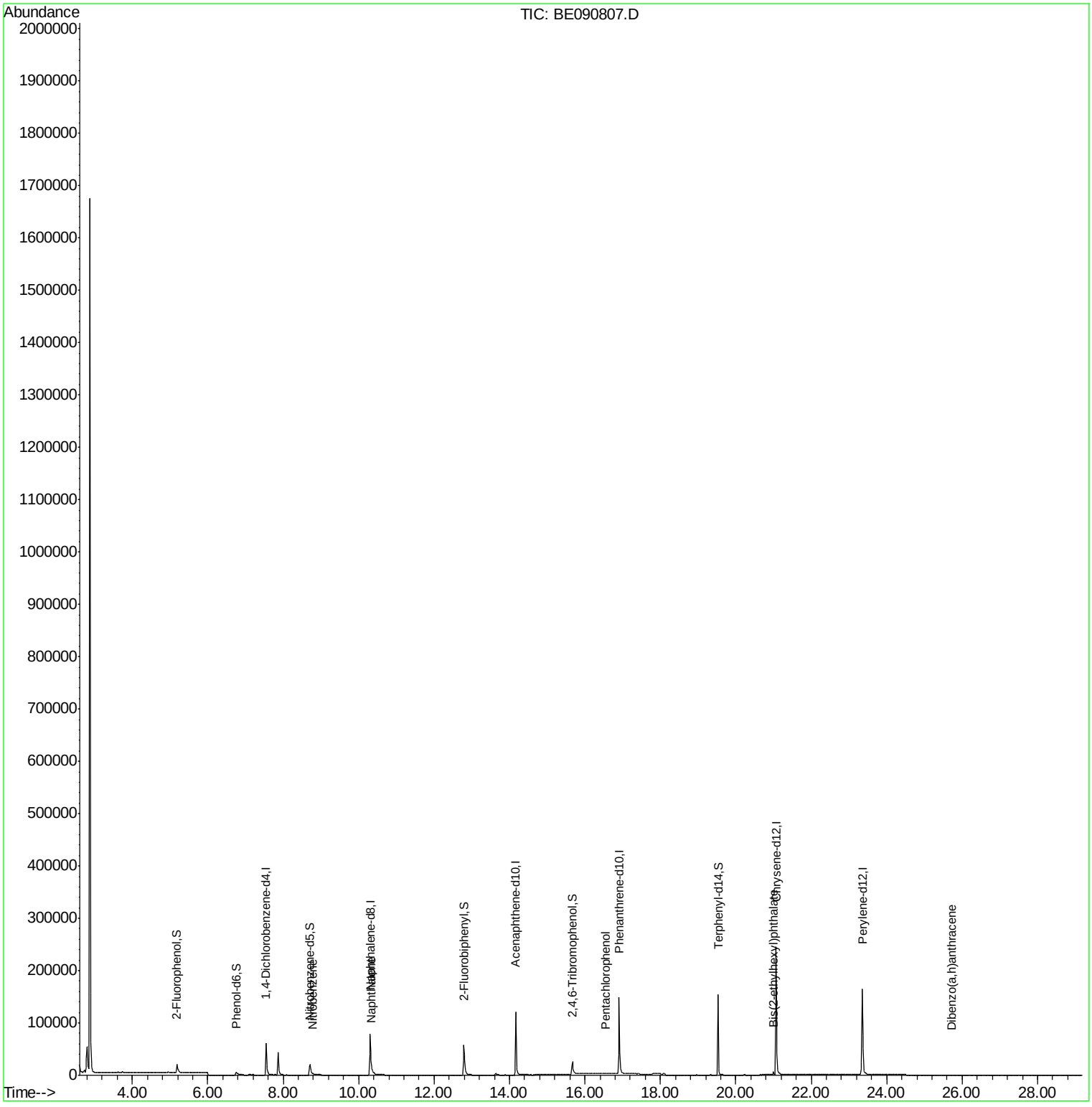
(#) = qualifier out of range (m) = manual integration (+) = signals summed

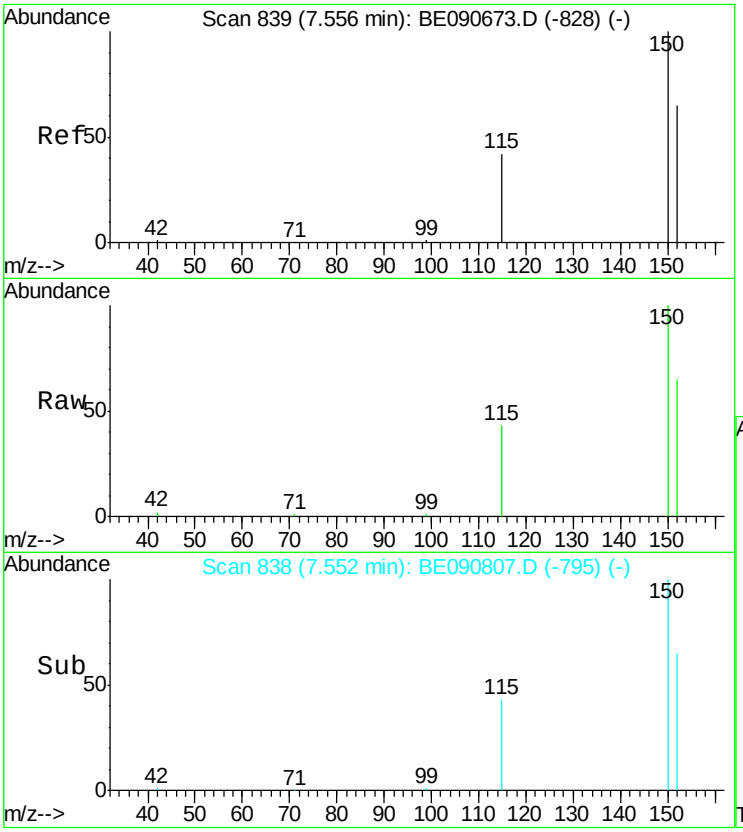
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091415\
Data File : BE090807.D
Acq On : 14 Sep 2015 20:19
Operator : UM/IZ
Sample : G3657-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 15 00:58:25 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



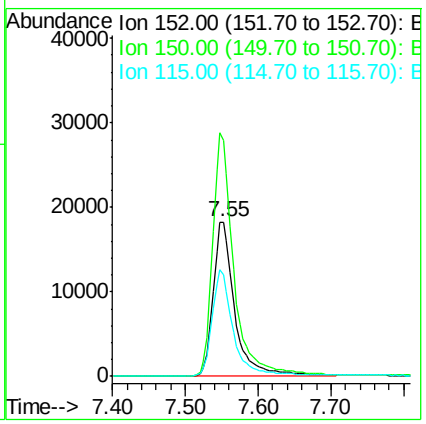


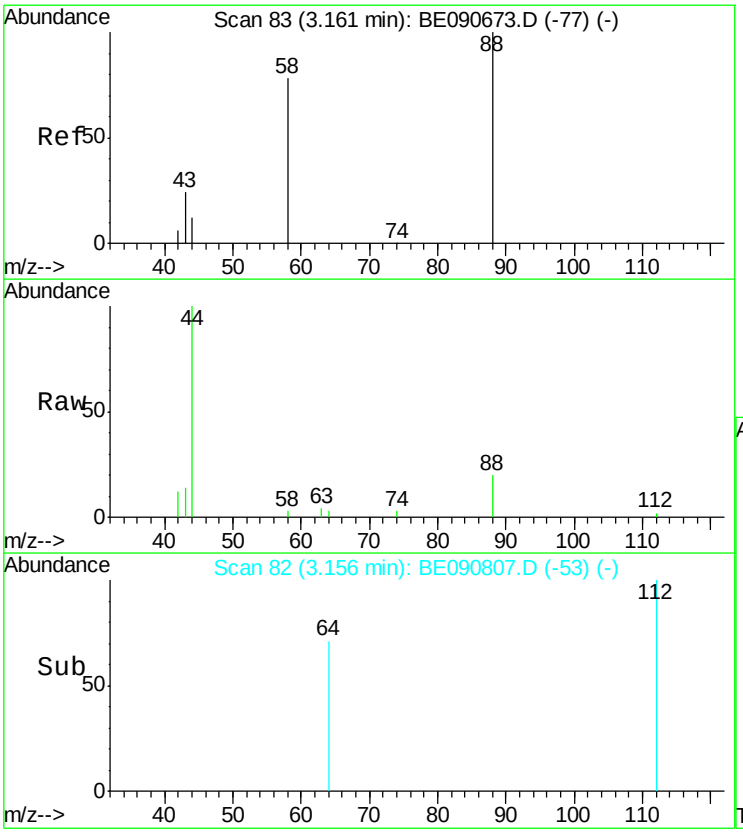
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:152 Resp: 37208

Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.2	183.4
115	66.1	51.0	76.4

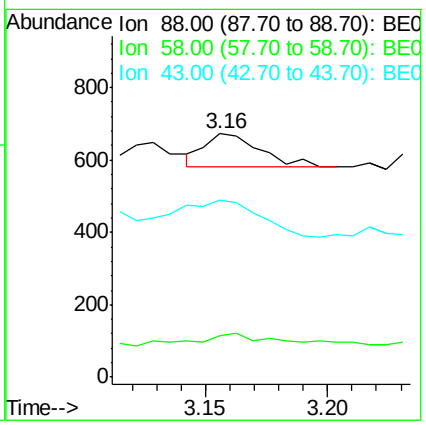


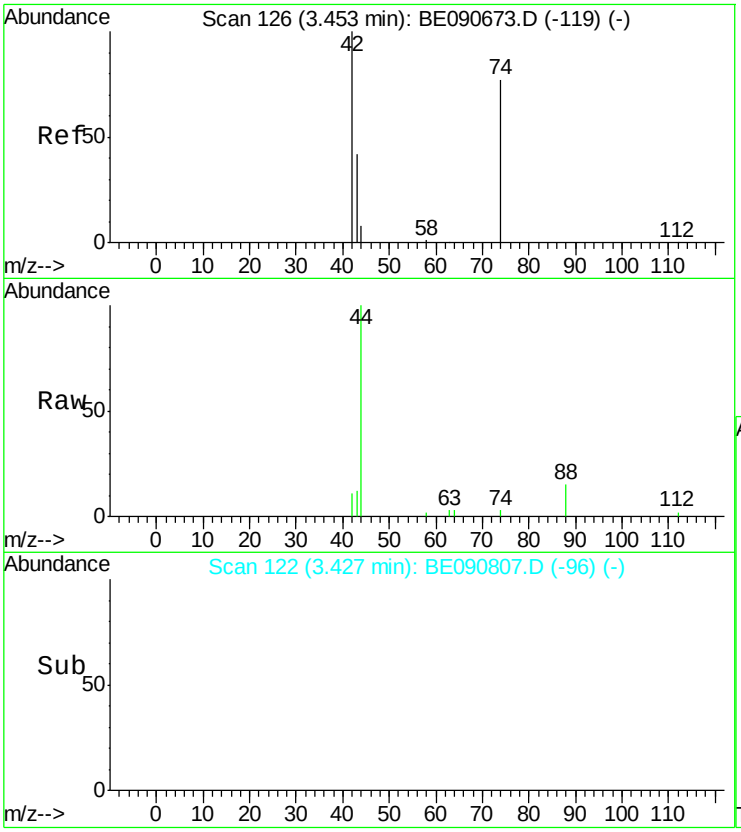


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.16 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion: 88 Resp: 147

Ion	Ratio	Lower	Upper
88	100		
58	49.0	68.4	102.6#
43	160.5	26.9	40.3#



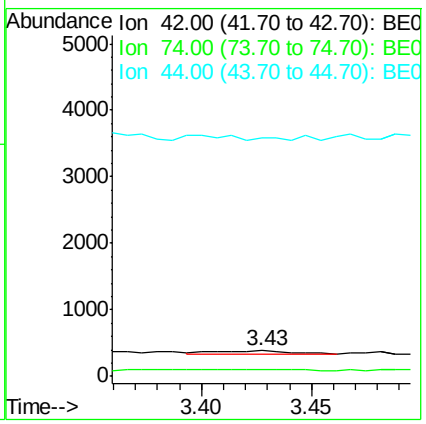


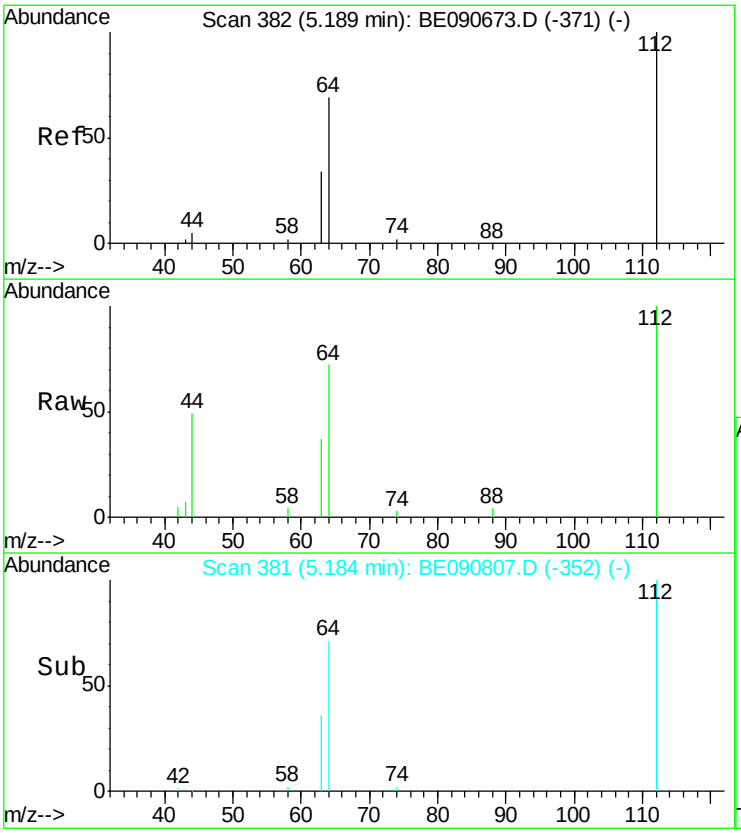
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.43 min Scan# 122
Delta R.T. -0.02 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion: 42 Resp: 121

Ion	Ratio	Lower	Upper
42	100		
74	0.0	83.7	125.5#
44	14.9	10.0	15.0

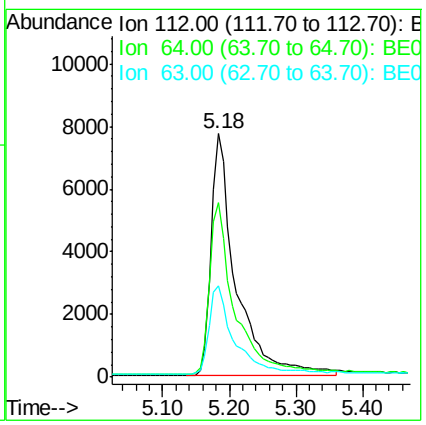


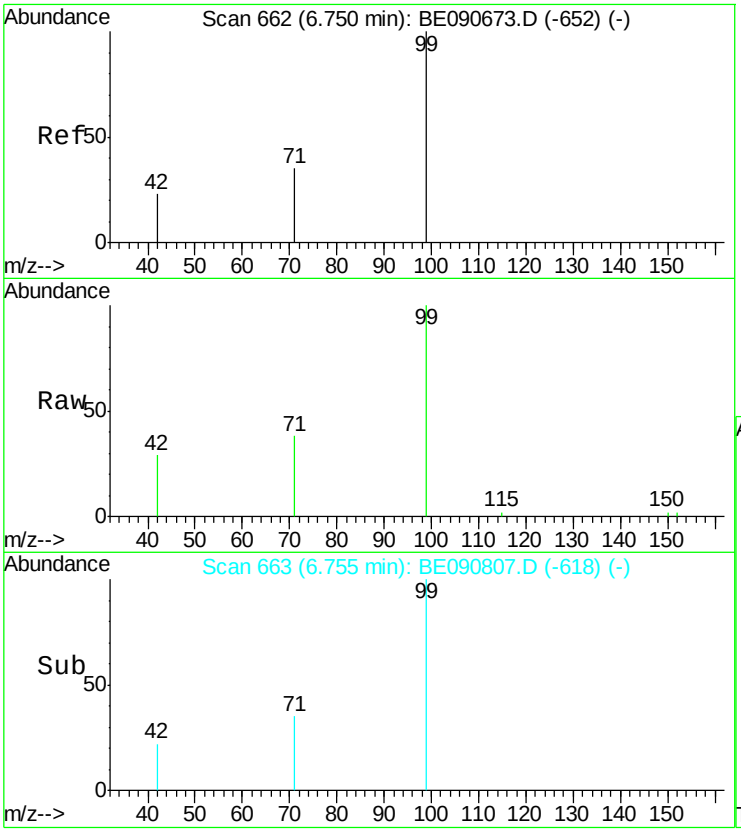


#4
2-Fluorophenol
Concen: 2.74 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:112 Resp: 19816

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



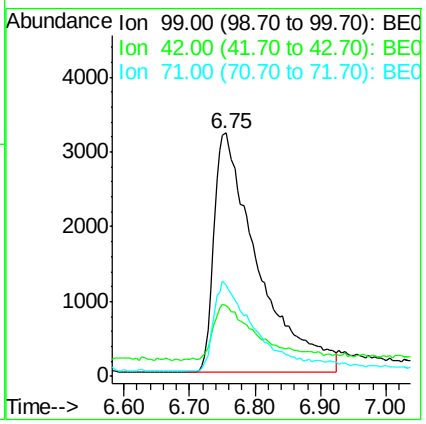


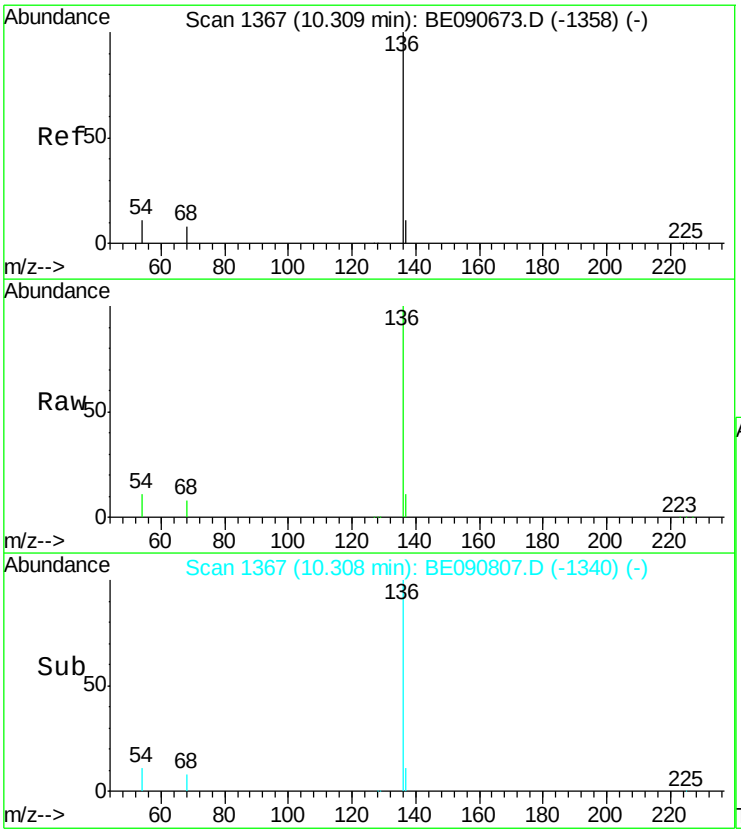
#5
Phenol-d6
Concen: 1.44 ng
RT: 6.75 min Scan# 663
Delta R.T. 0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion: 99 Resp: 14927

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.8	25.2
71	34.3	28.3	42.5

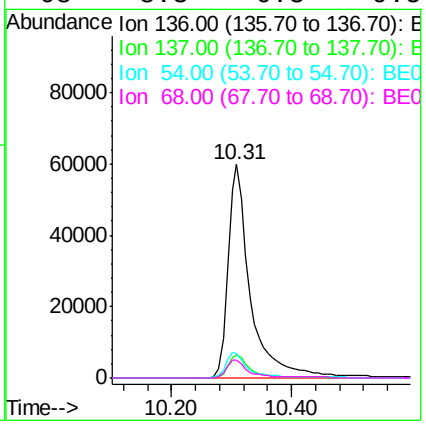


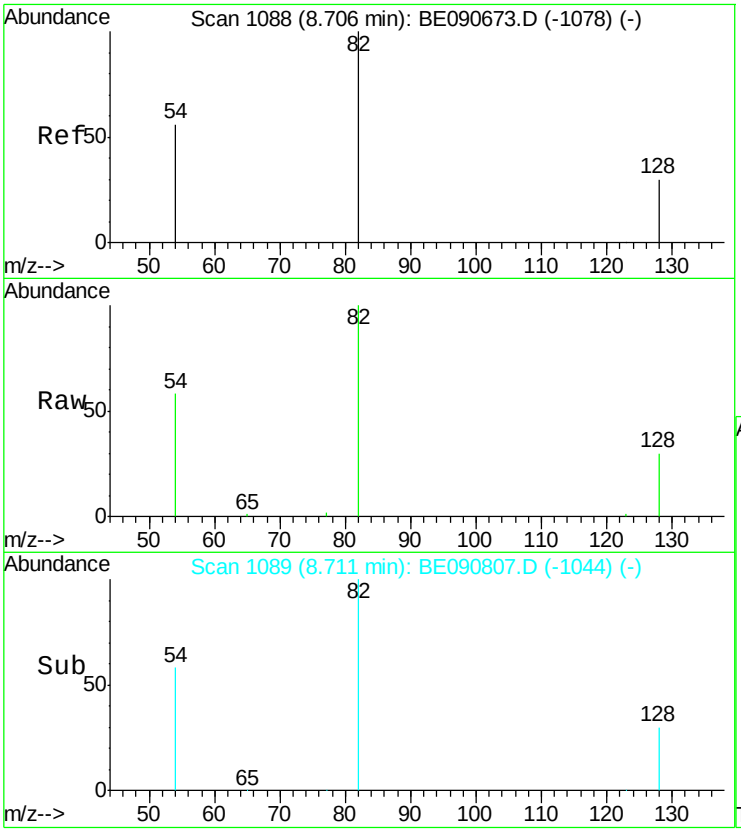


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:136 Resp: 153199

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.3	9.0	13.6
68	8.3	6.3	9.5



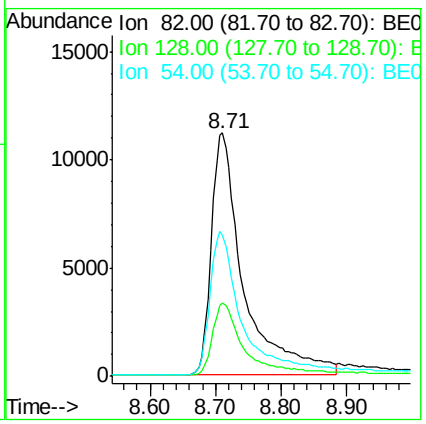


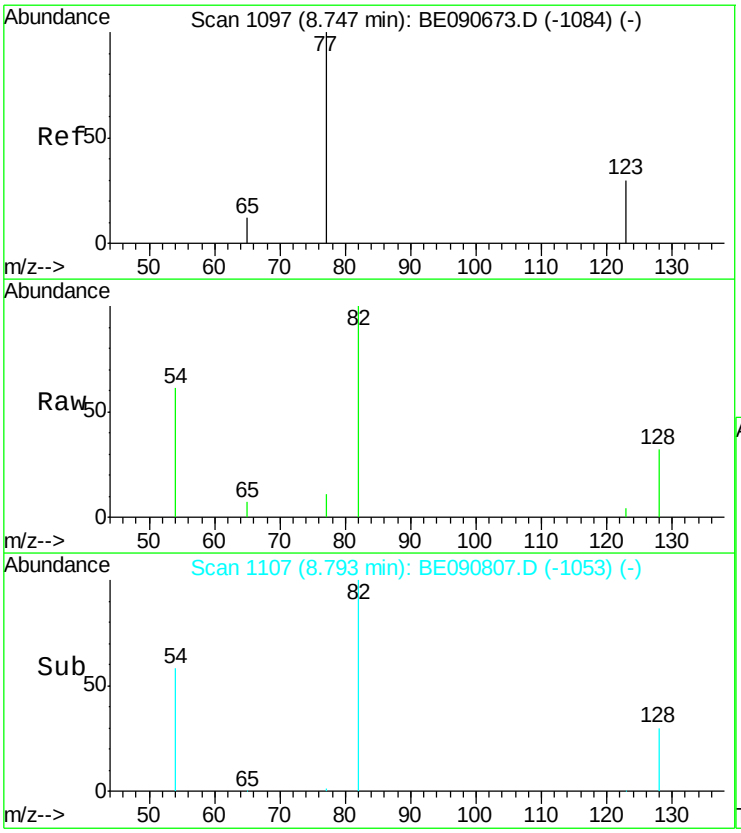
#7
Nitrobenzene-d5
Concen: 3.77 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion: 82 Resp: 38165

Ion	Ratio	Lower	Upper
82	100		
128	30.1	25.0	37.4
54	58.2	46.3	69.5

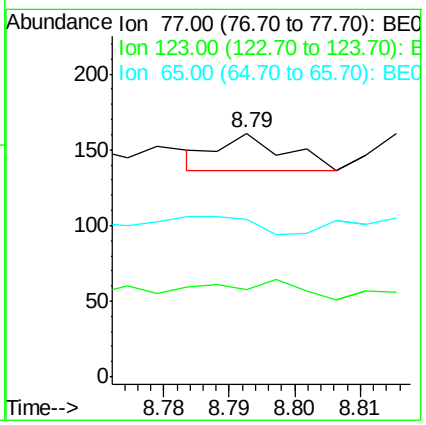


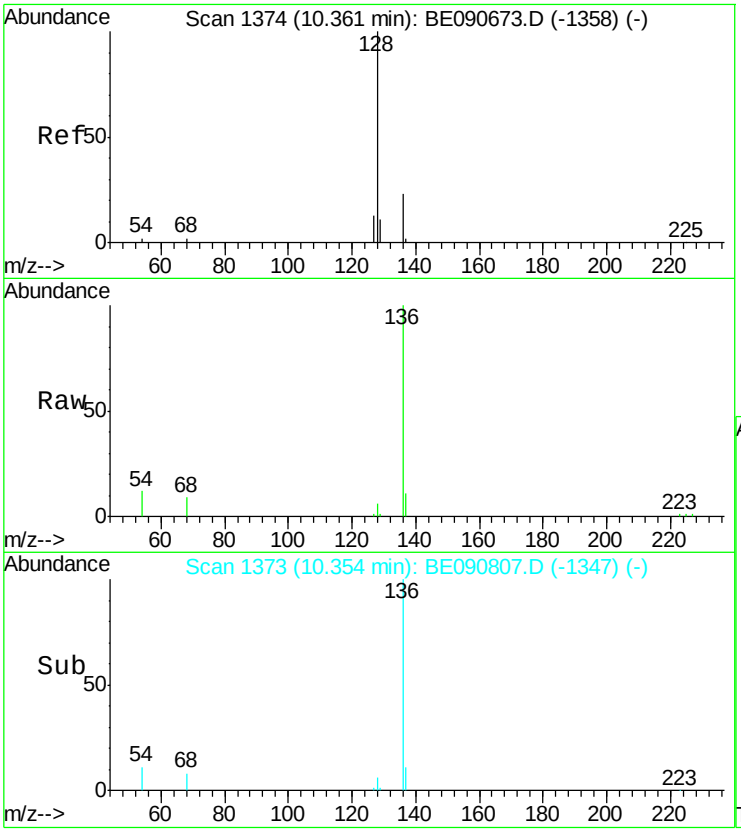


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.79 min Scan# 1107
Delta R.T. 0.05 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion: 77 Resp: 17

Ion	Ratio	Lower	Upper
77	100		
123	70.6	25.1	37.7#
65	94.1	9.9	14.9#



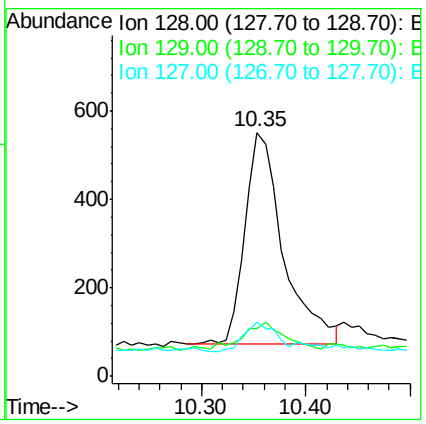


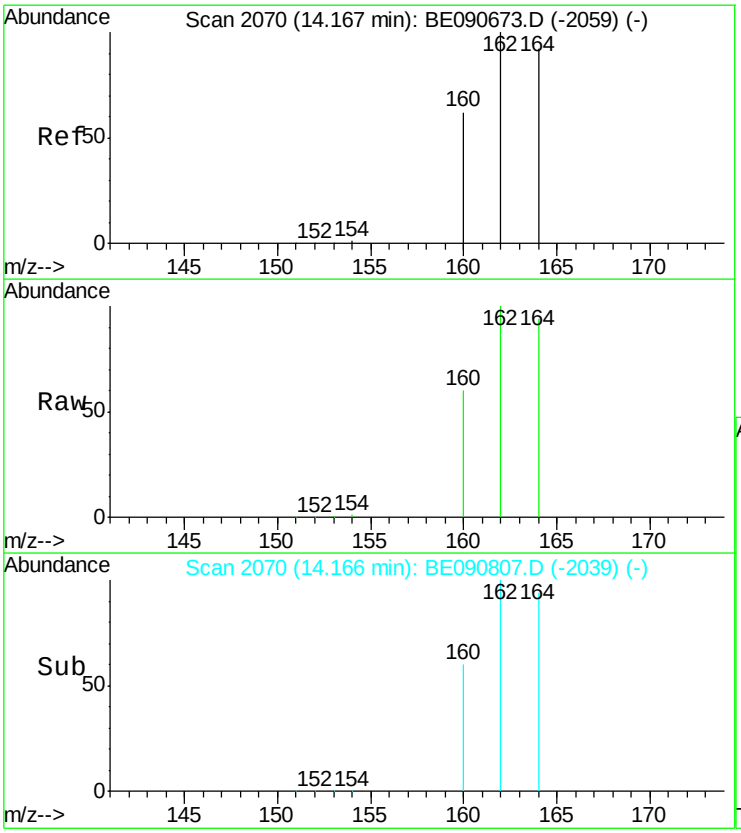
#9
Naphthalene
Concen: 0.04 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:128 Resp: 1212

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.0	13.6#
127	22.1	10.6	15.8#

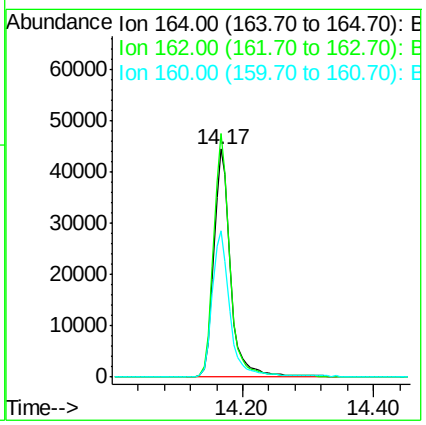


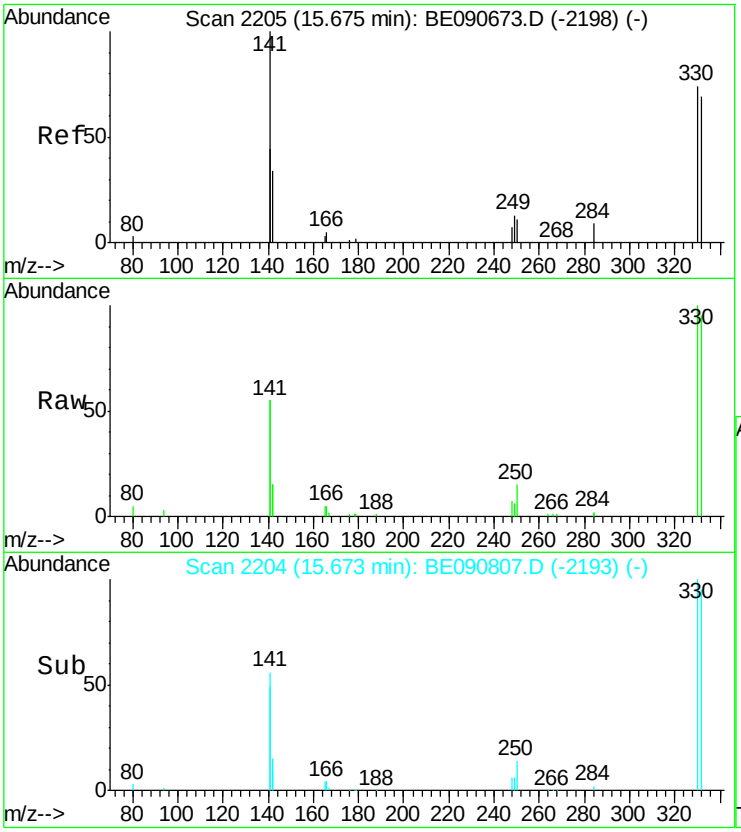


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. -0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:164 Resp: 78545

Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.8	130.2
160	64.2	53.9	80.9



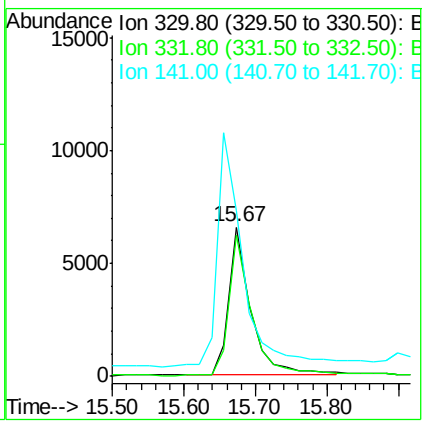


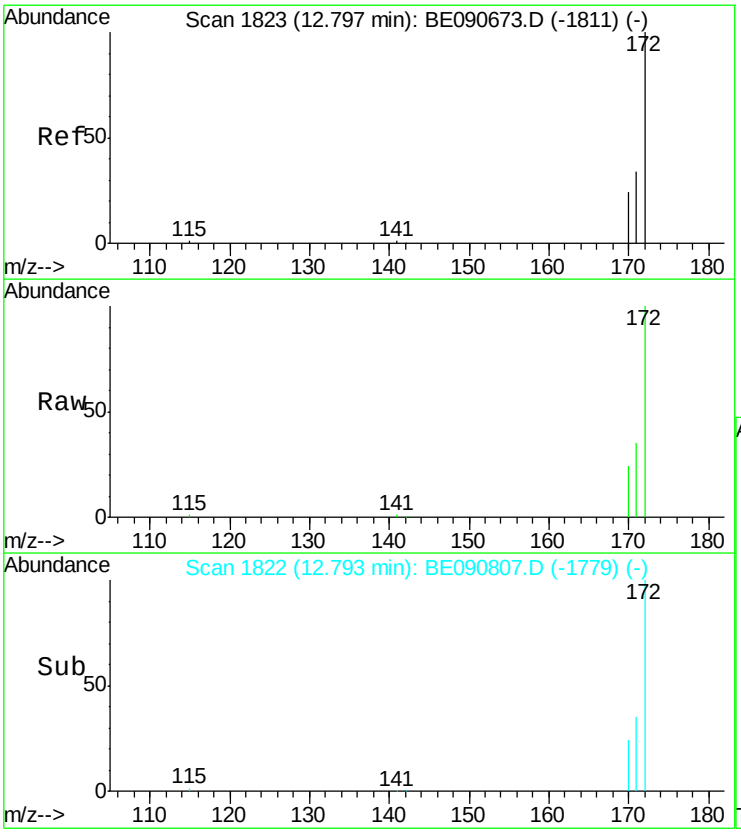
#13
2,4,6-Tribromophenol
Concen: 6.19 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:330 Resp: 14183

Ion	Ratio	Lower	Upper
330	100		
332	96.3	74.9	112.3
141	183.0	145.2	217.8

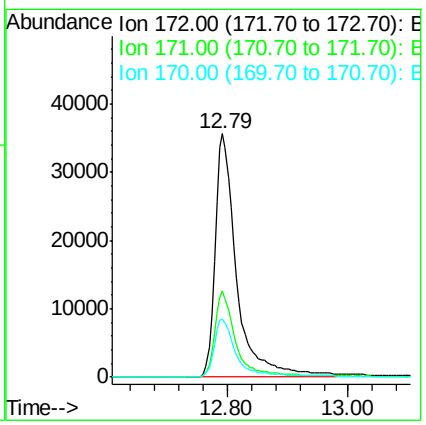


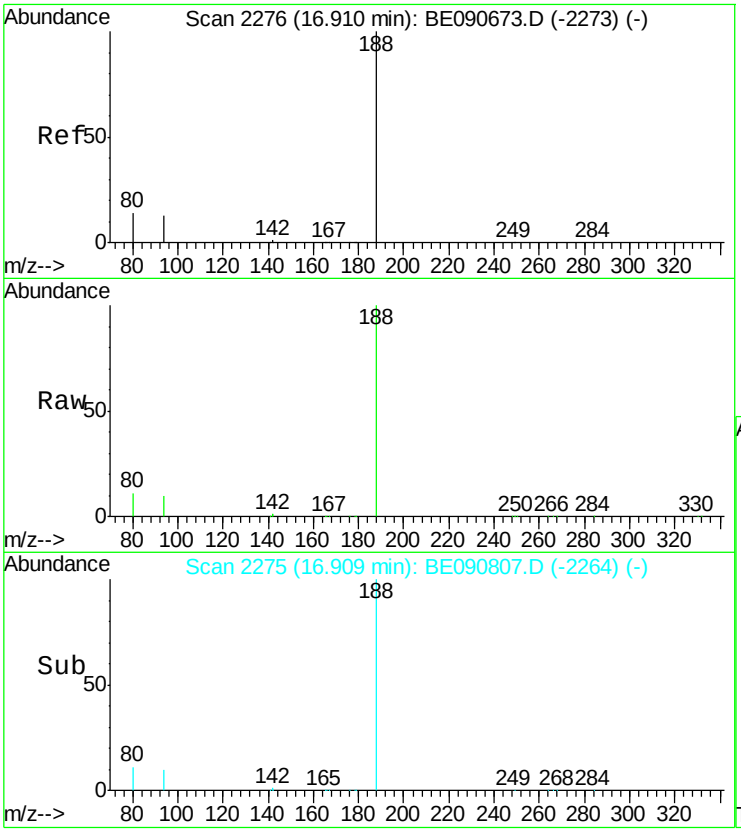


#14
2-Fluorobiphenyl
Concen: 4.03 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:172 Resp: 87594

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.0	19.8	29.6



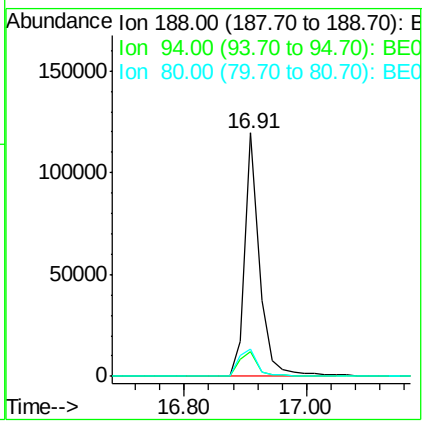


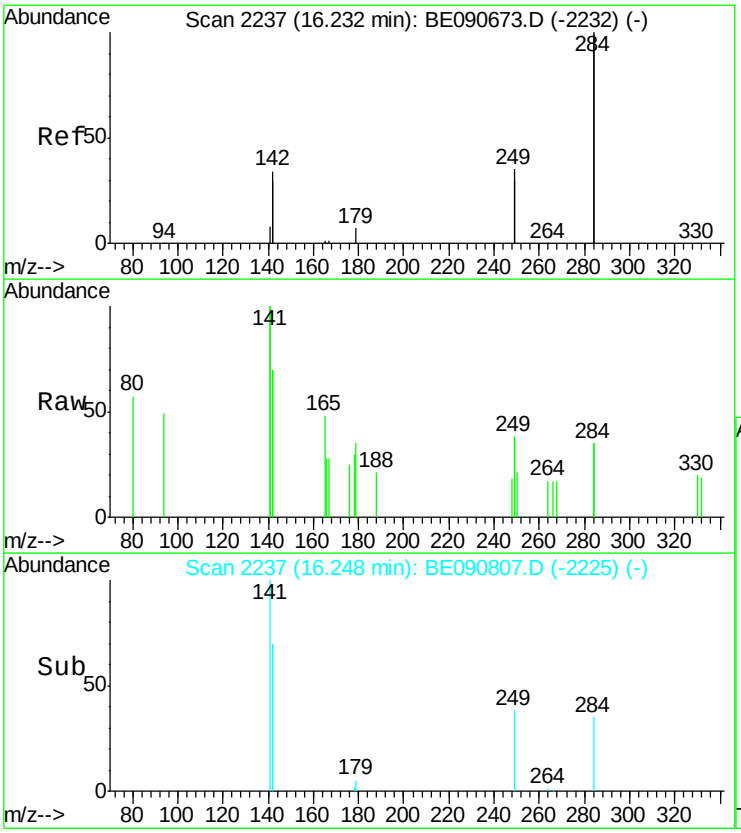
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:188 Resp: 198582

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.3	15.5#
80	11.0	11.0	16.6#

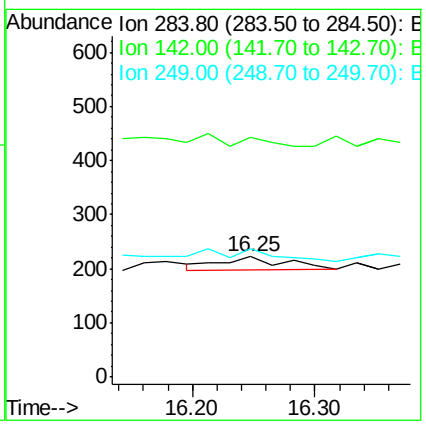


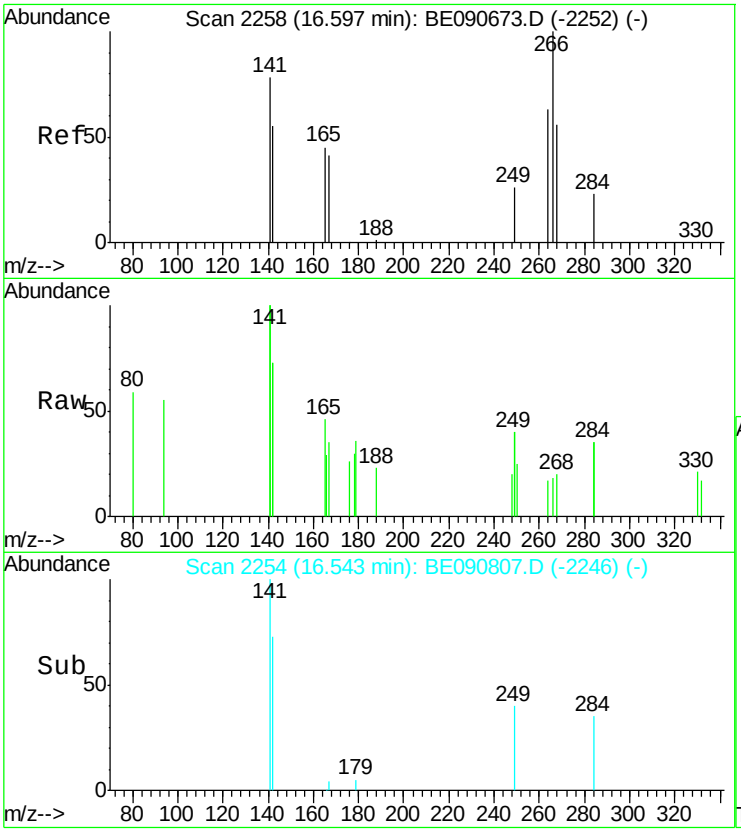


#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.25 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:284 Resp: 94

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



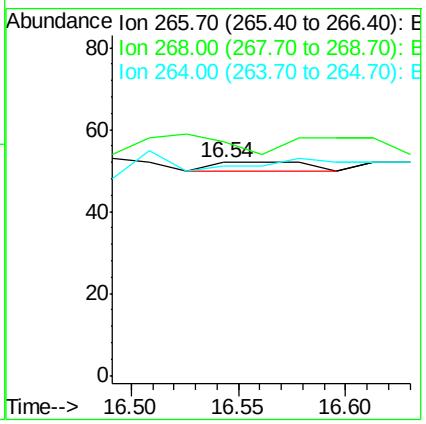


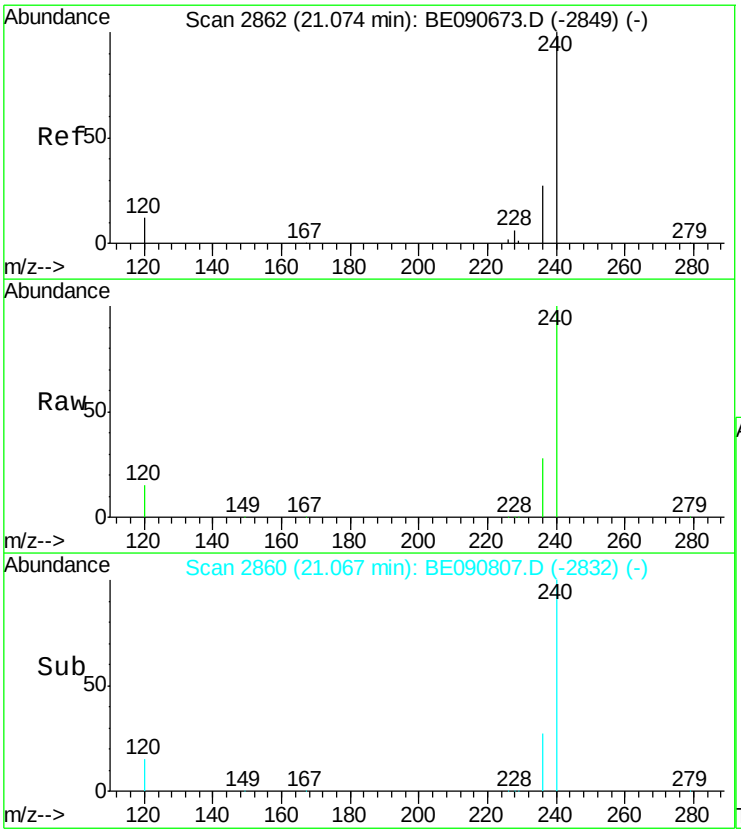
#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.54 min Scan# 2254
Delta R.T. -0.05 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
268	109.6	49.6	74.4#
264	98.1	53.9	80.9#

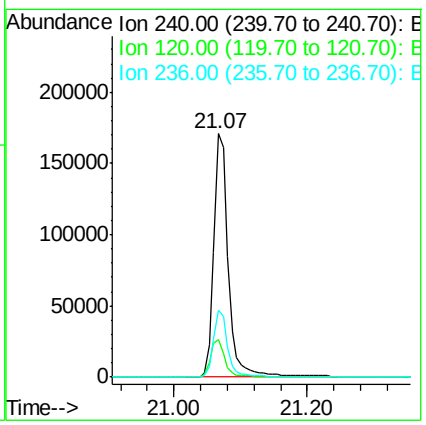


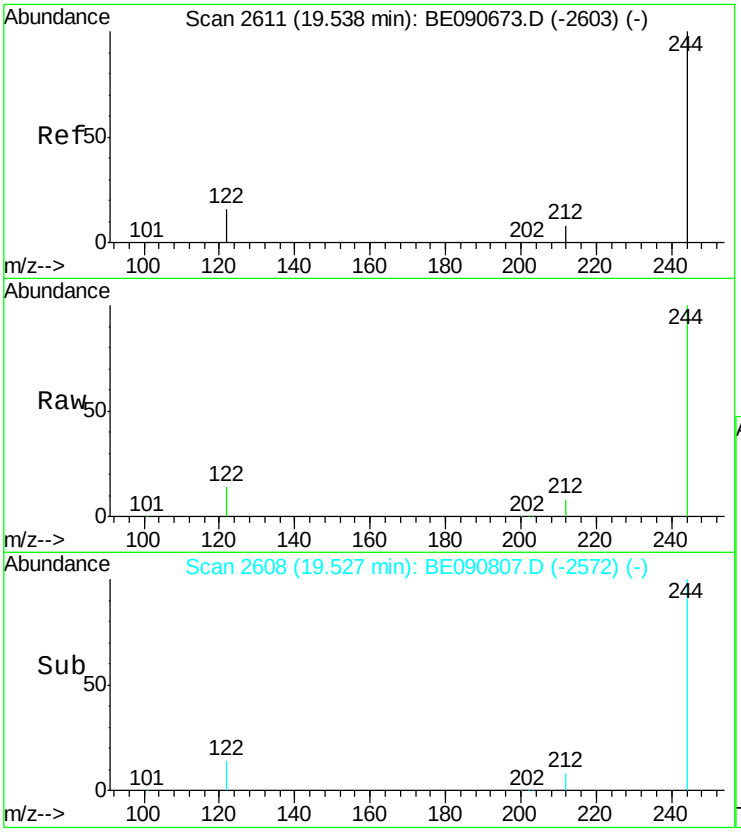


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:240 Resp: 253616

Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.1	15.1#
236	27.5	21.9	32.9



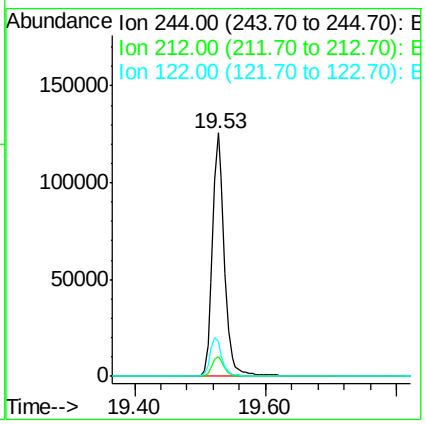


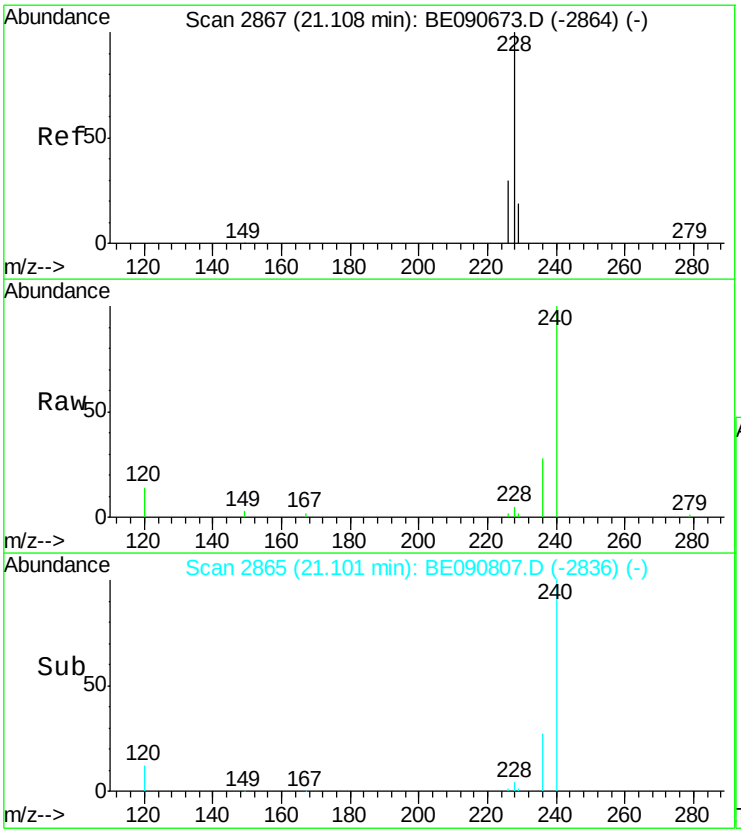
#27
Terphenyl-d14
Concen: 5.76 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:244 Resp: 161600

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	14.3	12.9	19.3

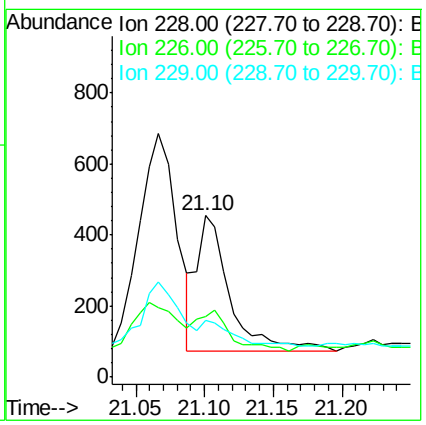


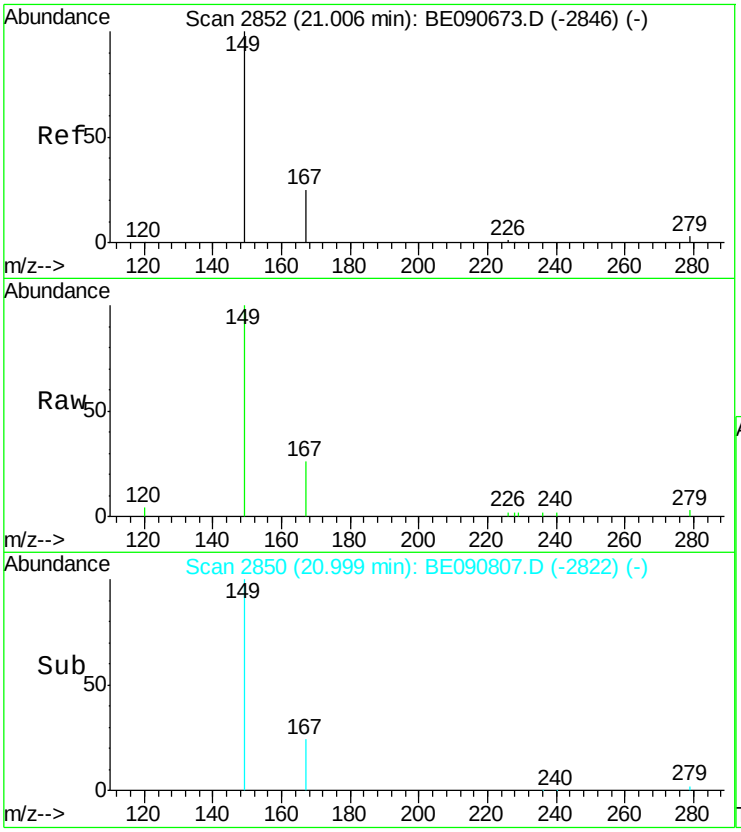


#29
Chrysene
Concen: Below Cal
RT: 21.10 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:228 Resp: 636

Ion	Ratio	Lower	Upper
228	100		
226	37.6	24.2	36.4#
229	34.9	15.3	22.9#



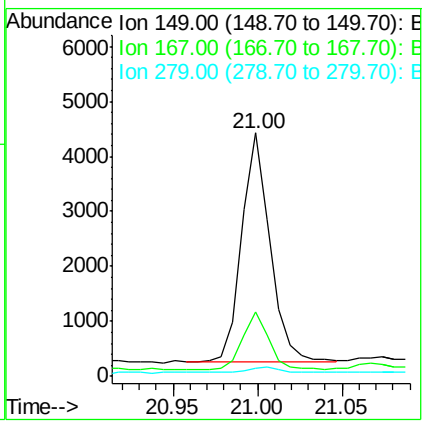


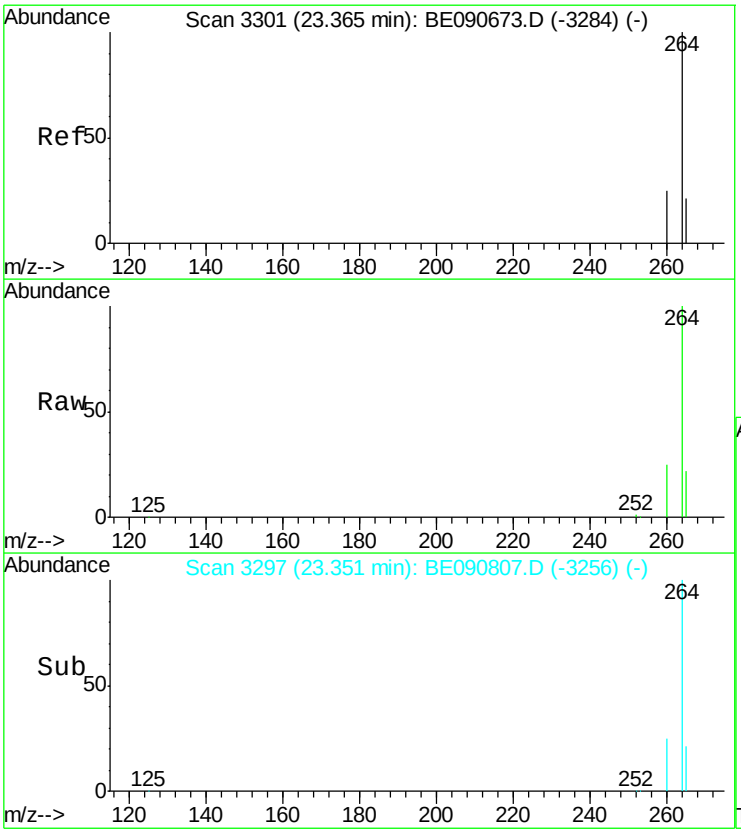
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:149 Resp: 4854

Ion	Ratio	Lower	Upper
149	100		
167	22.9	20.1	30.1
279	2.7	2.3	3.5

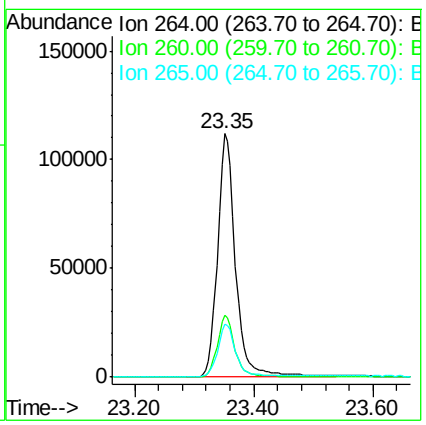


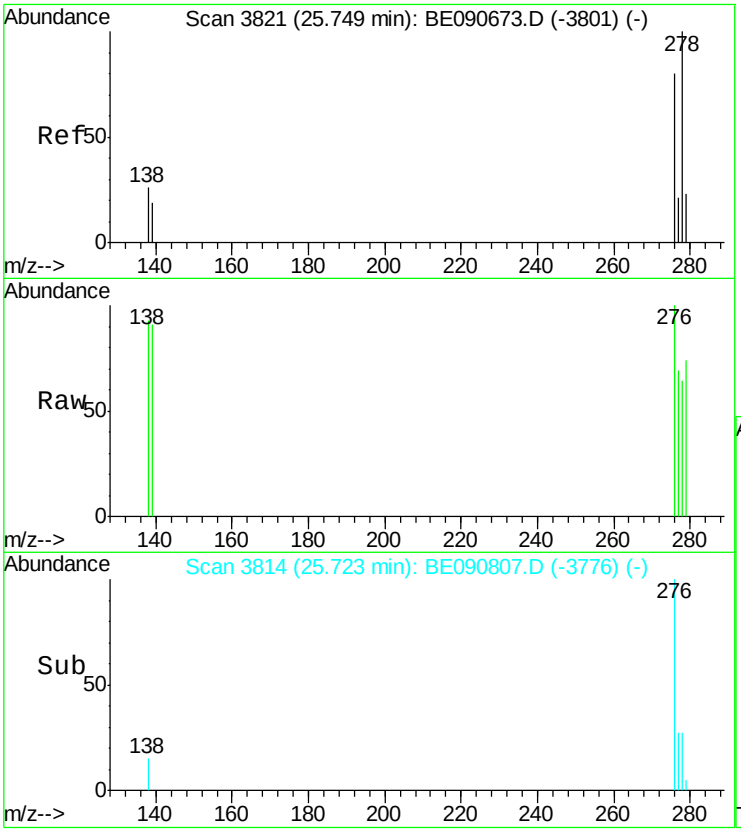


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3297
Delta R.T. -0.01 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

Tgt Ion:264 Resp: 235996

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	21.6	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.03 min
Lab File: BE090807.D
Acq: 14 Sep 2015 20:19

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

Tgt Ion:278 Resp: 32

Ion	Ratio	Lower	Upper
278	100		
139	142.3	15.4	23.0#
279	115.4	18.8	28.2#