Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090768.D
Acq On : 10 Sep 2015 19:18
Operator : UM/IZ
Sample : G3598-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 090815-D534-F-D-M

Quant Time: Sep 11 02:53:19 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	7.55	152	39506	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	180489	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	99628	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	248706	5.00	ng	0.00
25) Chrysene-d12	21.07	240	287373	5.00	ng	0.00
32) Perylene-d12	23.36	264	255360	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	29418	3.83	ng	0.00
5) Phenol-d6	6.75	99	26330	2.39	ng	0.00
7) Nitrobenzene-d5	8.71	82	50173	4.21	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	27122	9.25	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	115024	4.17	ng	0.00
27) Terphenyl-d14	19.53	244	203007	6.38	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	140	Below Cal	#	16
3) n-Nitrosodimethylamine	3.45	42	52	Below Cal	#	1
8) Nitrobenzene	8.72	77	186	0.12	ng #	56
20) Hexachlorobenzene	16.23	284	84	Below Cal	#	73
21) Pentachlorophenol	16.58	266	26	0.47	ng #	59
29) Chrysene	21.11	228	317	Below Cal	#	60
30) Bis(2-ethylhexyl)phthalate	21.00	149	1786	0.17	ng #	96
36) Dibenzo(a,h)anthracene	25.75	278	47	0.14	ng #	1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
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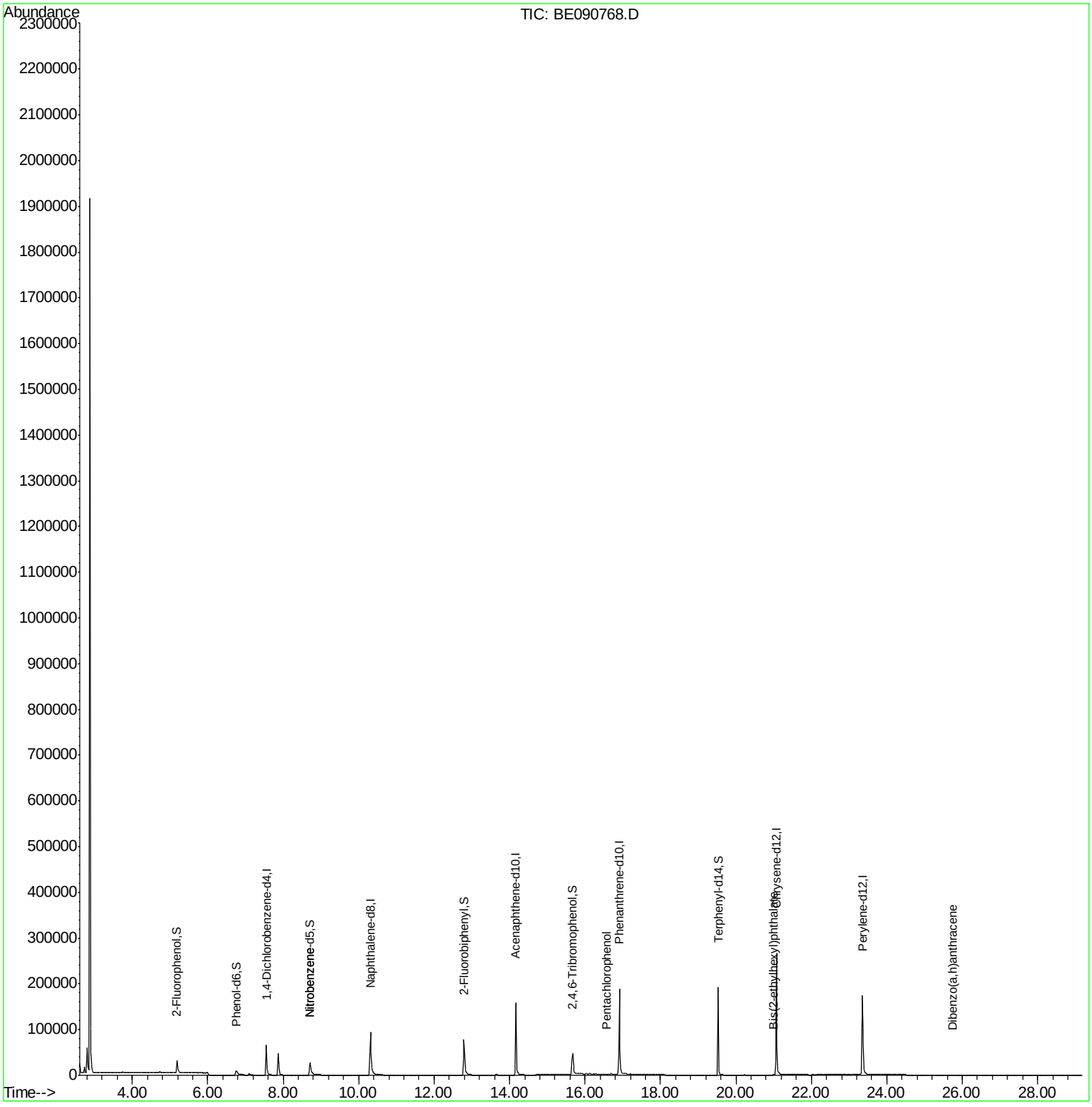
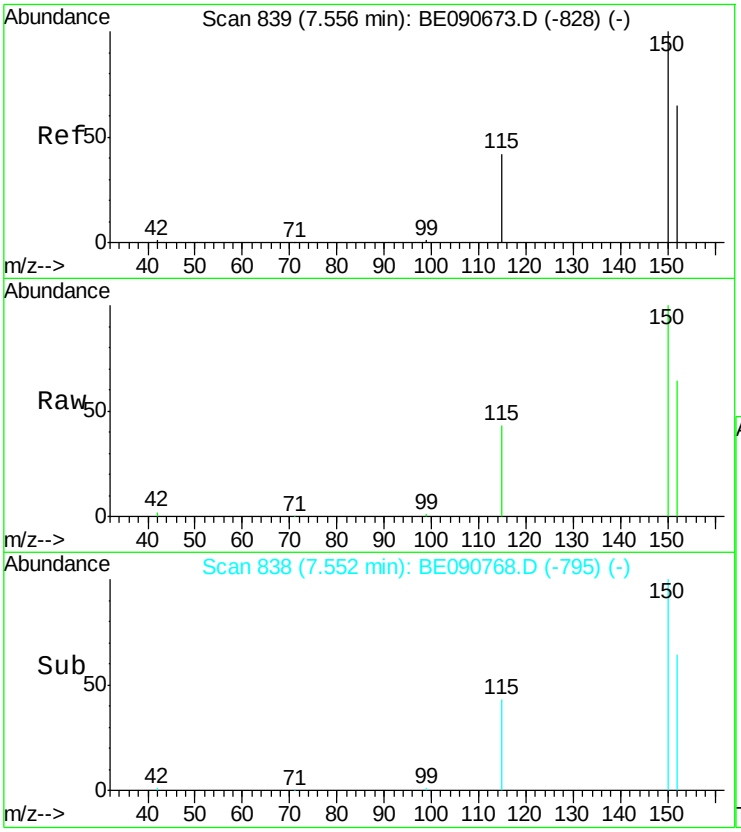


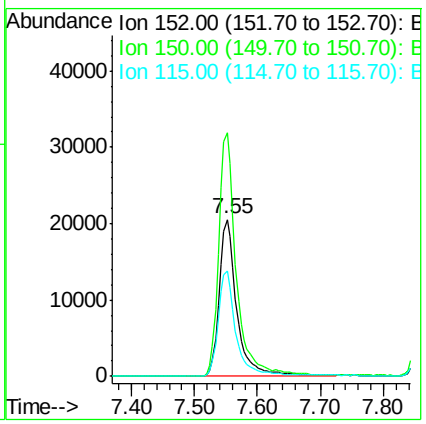


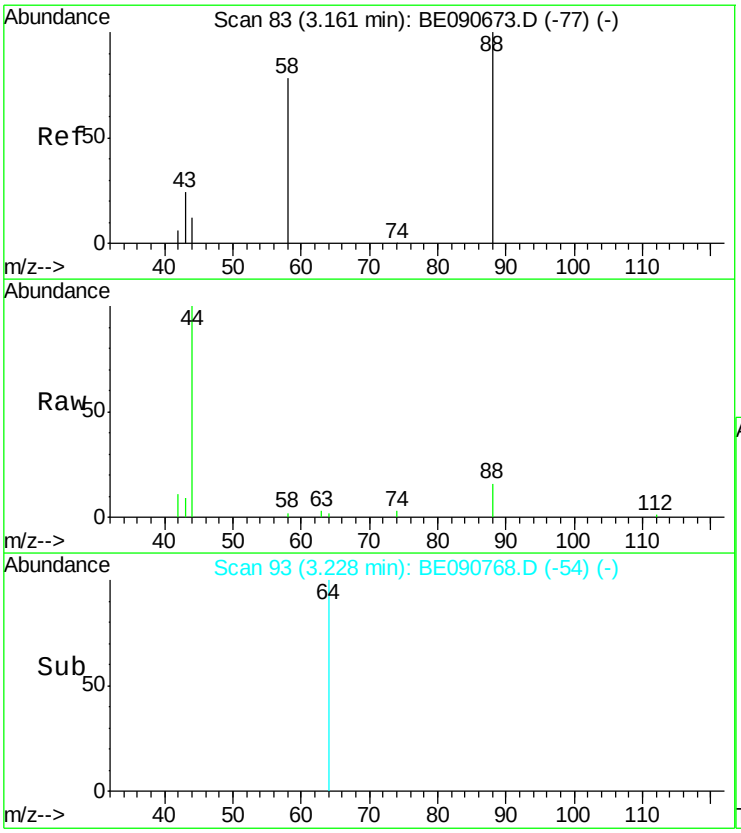
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion:152 Resp: 39506

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.2	183.4
115	67.0	51.0	76.4

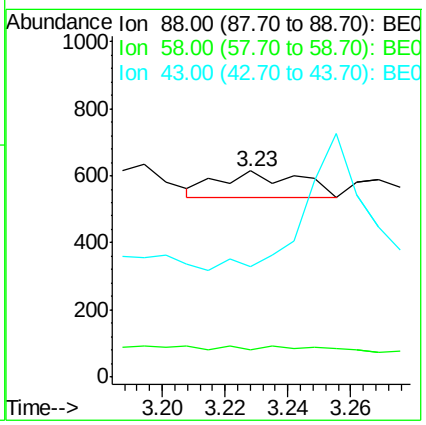


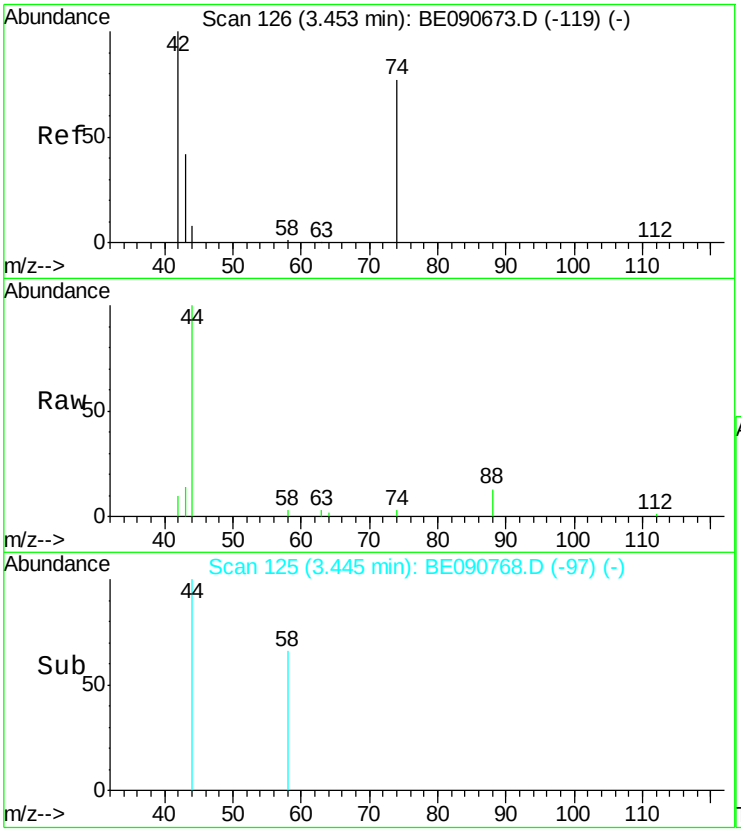


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.23 min Scan# 93
Delta R.T. 0.07 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion: 88 Resp: 140

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



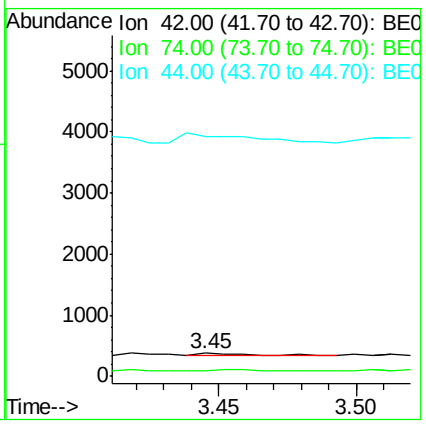


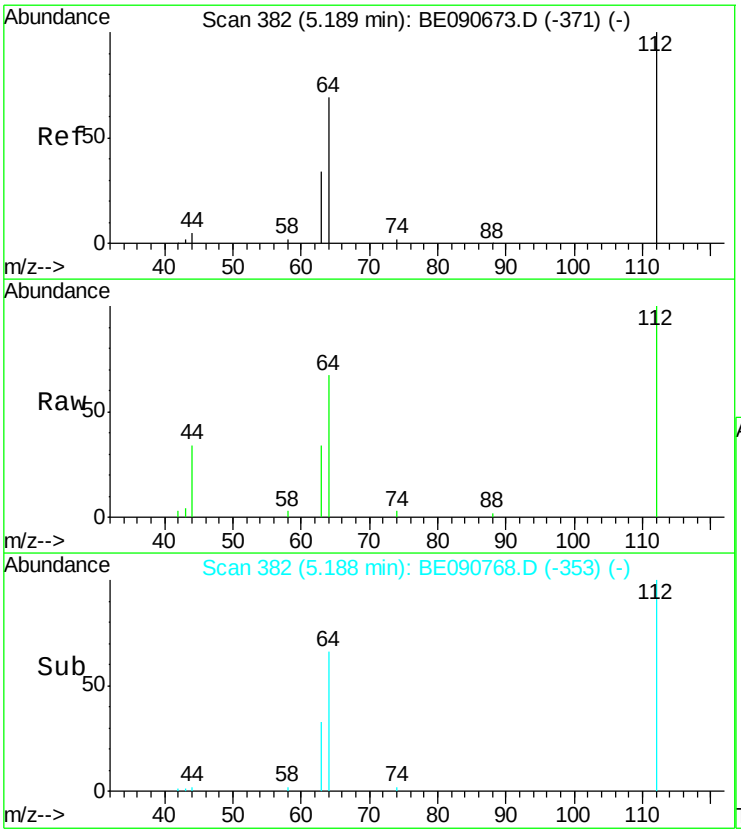
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion: 42 Resp: 52

Ion	Ratio	Lower	Upper
42	100		
74	25.0	83.7	125.5#
44	530.8	10.0	15.0#

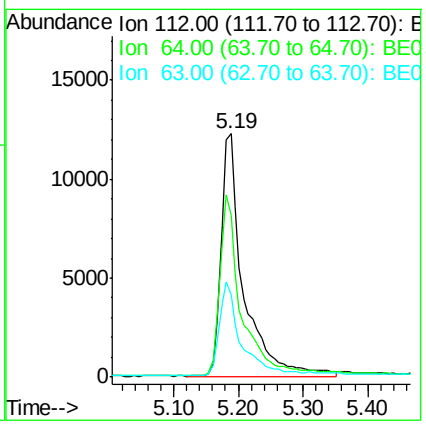


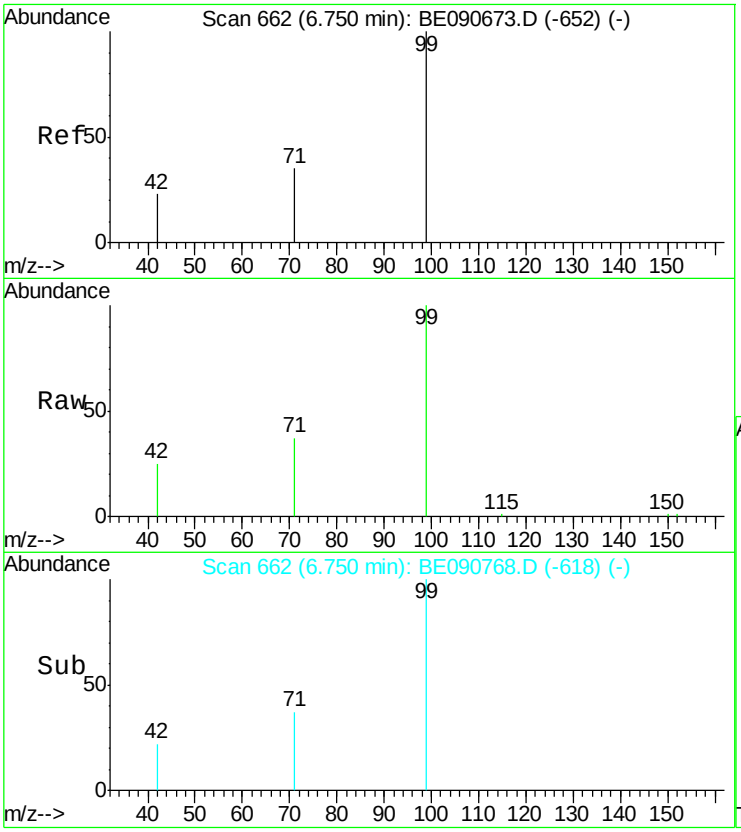


#4
2-Fluorophenol
Concen: 3.83 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:112 Resp: 29418

Ion	Ratio	Lower	Upper
112	100		
64	71.8	57.3	85.9
63	37.2	29.2	43.8



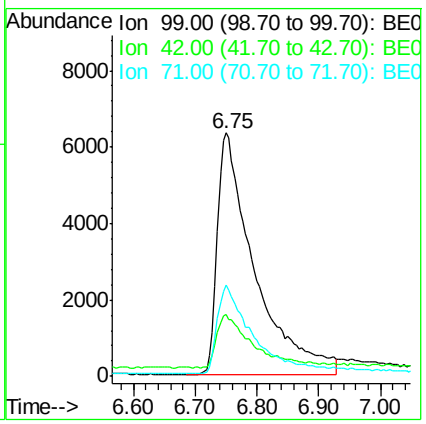


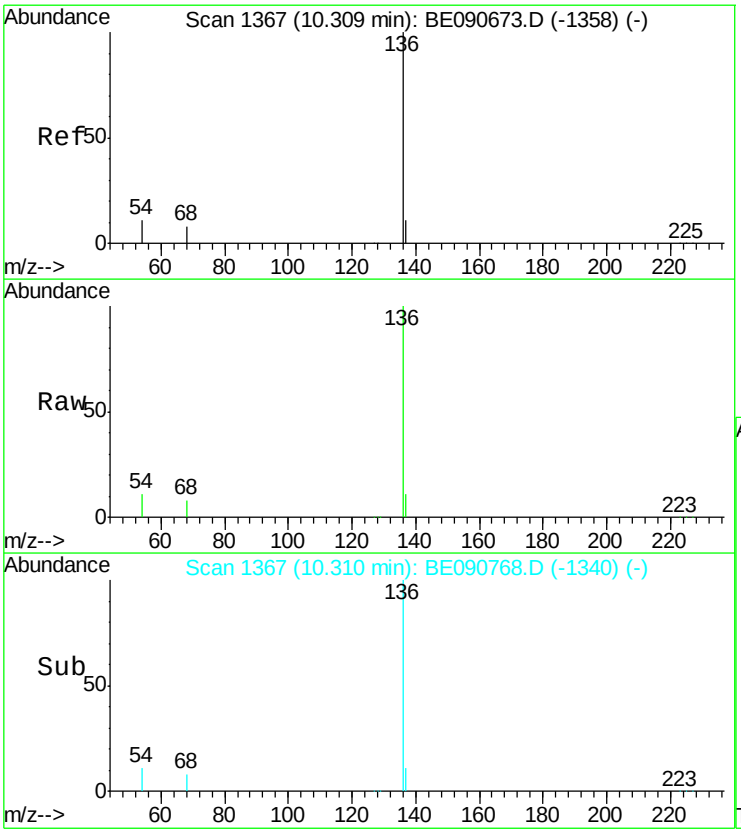
#5
Phenol-d6
Concen: 2.39 ng
RT: 6.75 min Scan# 662
Delta R.T. -0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion: 99 Resp: 26330

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	34.8	28.3	42.5

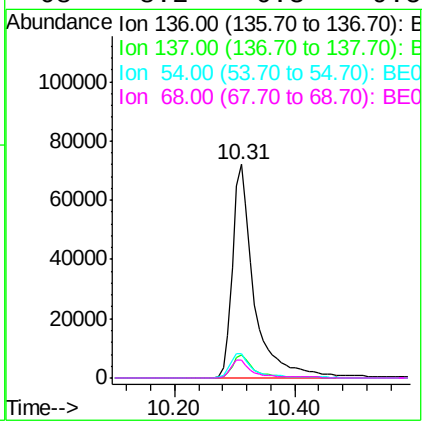


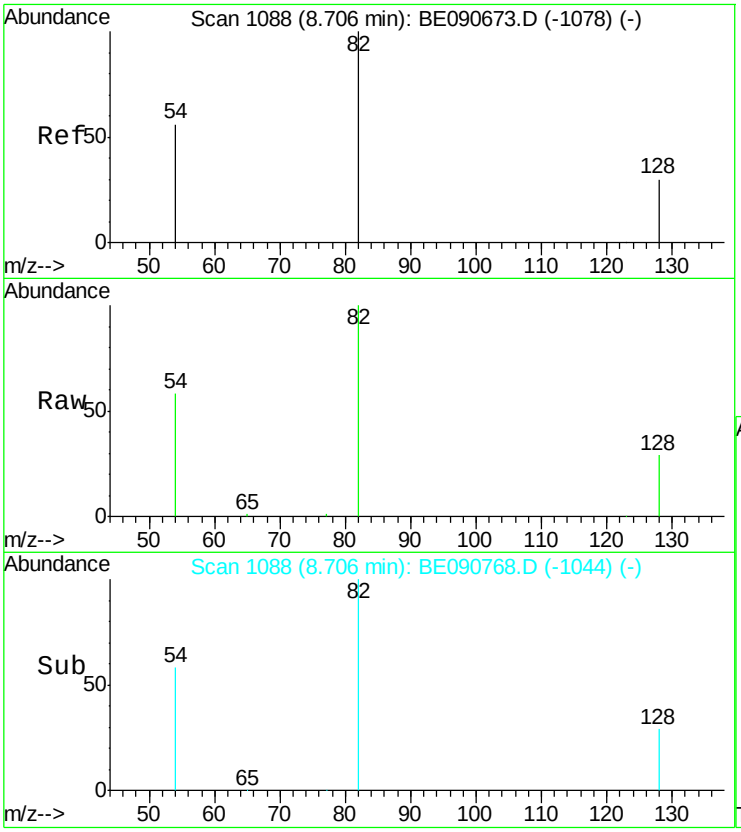


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:136 Resp: 180489

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.4	9.0	13.6
68	8.2	6.3	9.5



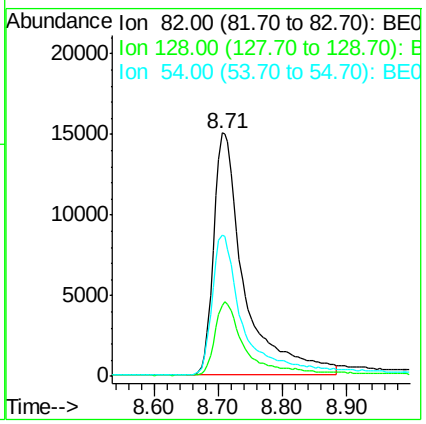


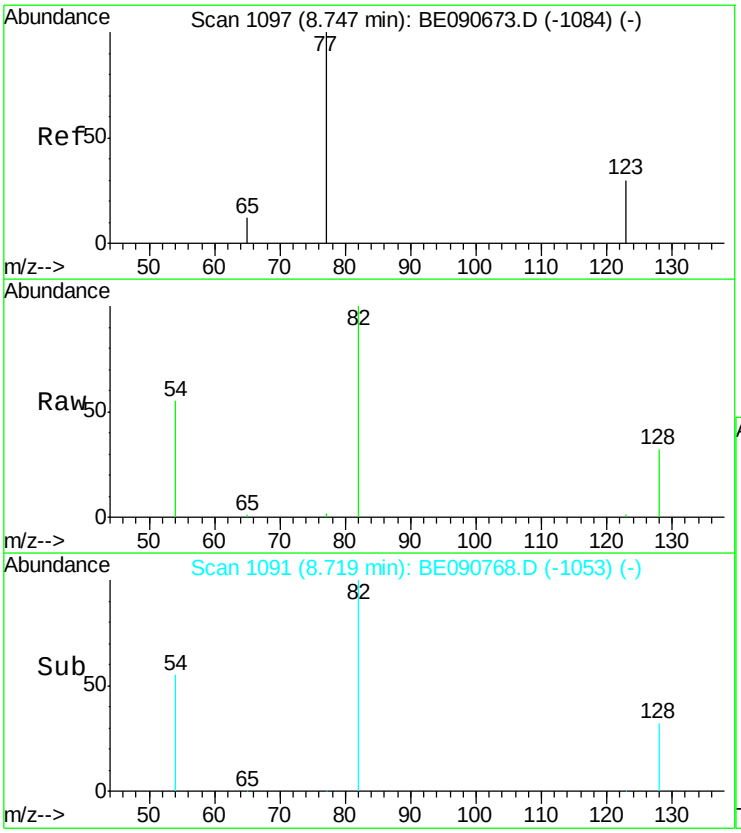
#7
Nitrobenzene-d5
Concen: 4.21 ng
RT: 8.71 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion: 82 Resp: 50173

Ion	Ratio	Lower	Upper
82	100		
128	29.3	25.0	37.4
54	58.0	46.3	69.5

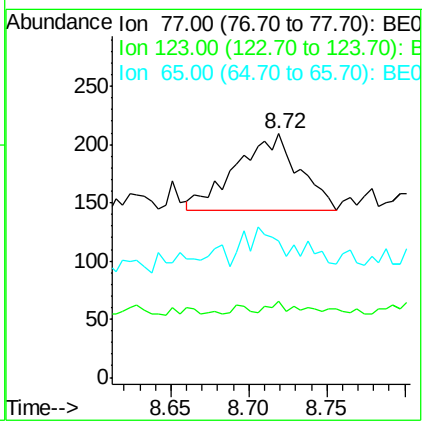


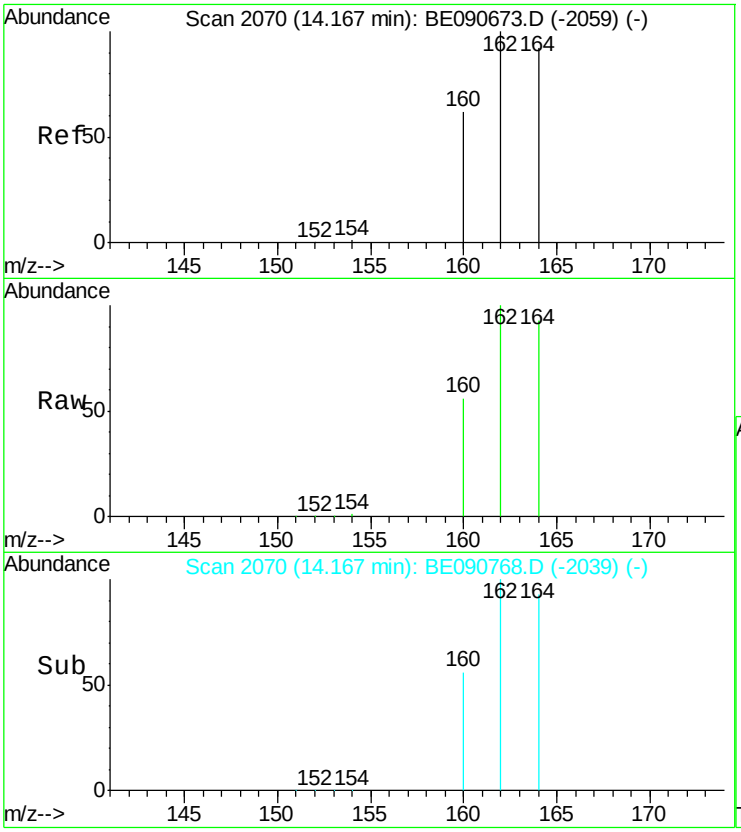


#8
Nitrobenzene
Concen: 0.12 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion: 77 Resp: 186

Ion	Ratio	Lower	Upper
77	100		
123	4.8	25.1	37.7#
65	25.8	9.9	14.9#



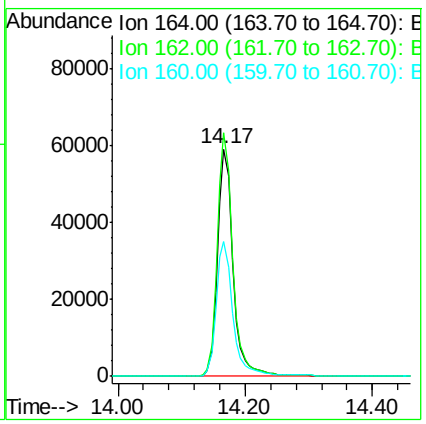


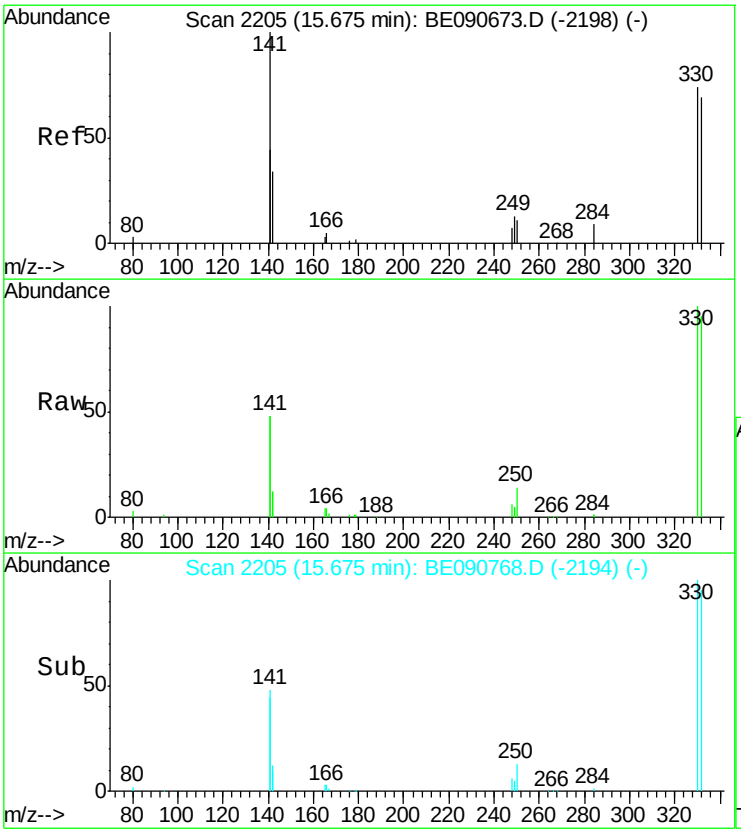
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion:164 Resp: 99628

Ion	Ratio	Lower	Upper
164	100		
162	107.1	86.8	130.2
160	59.5	53.9	80.9

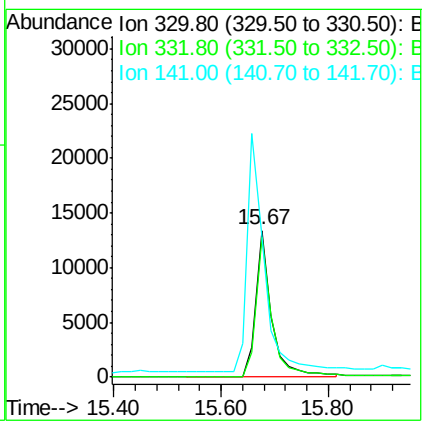


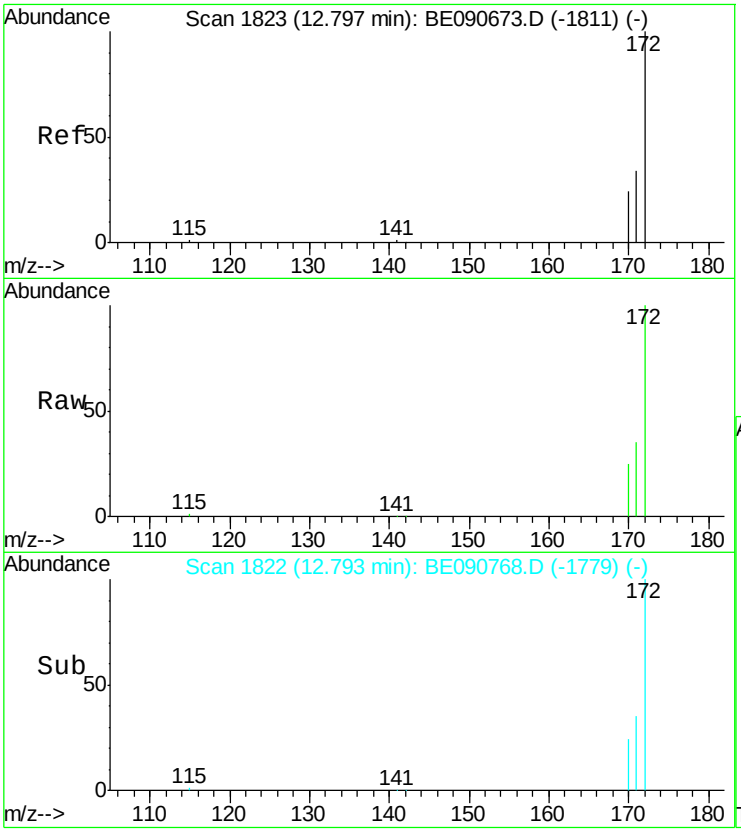


#13
2,4,6-Tribromophenol
Concen: 9.25 ng
RT: 15.67 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:330 Resp: 27122

Ion	Ratio	Lower	Upper
330	100		
332	95.7	74.9	112.3
141	177.9	145.2	217.8



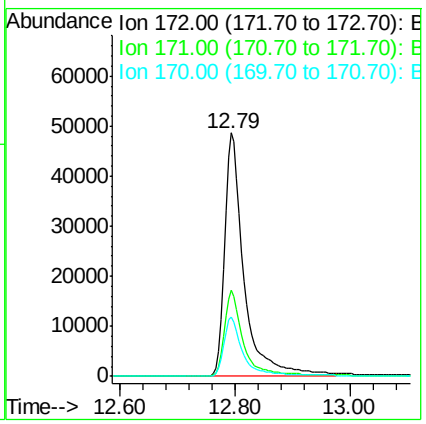


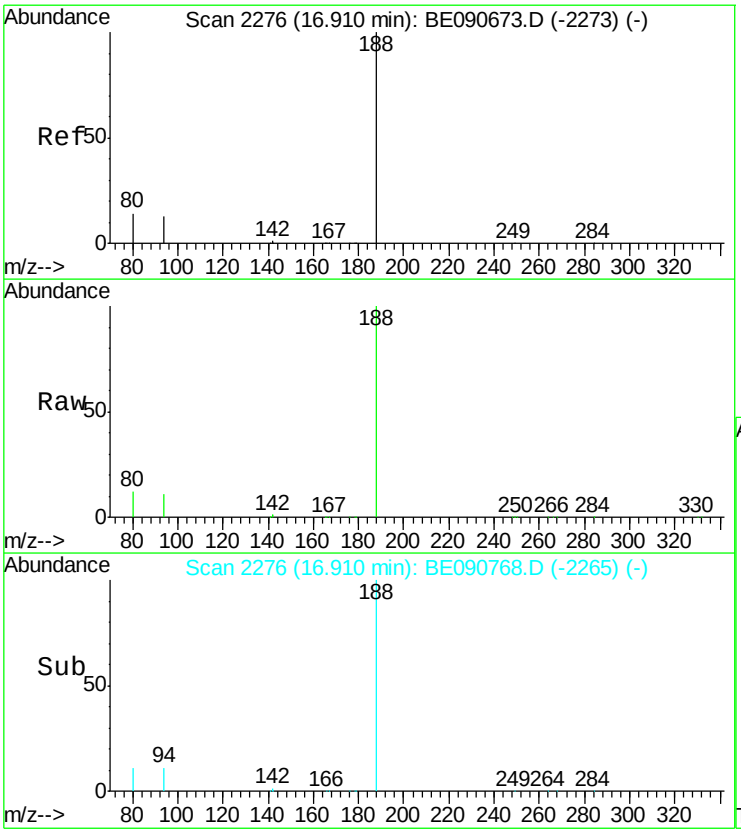
#14
2-Fluorobiphenyl
Concen: 4.17 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion:172 Resp: 115024

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	24.5	19.8	29.6

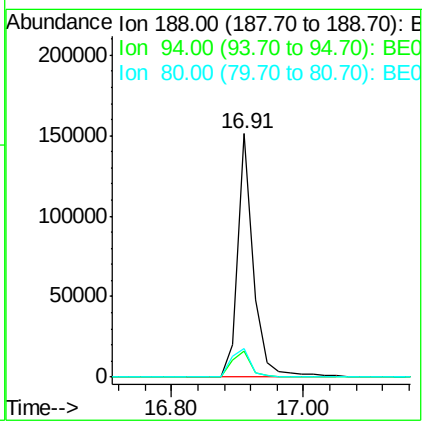


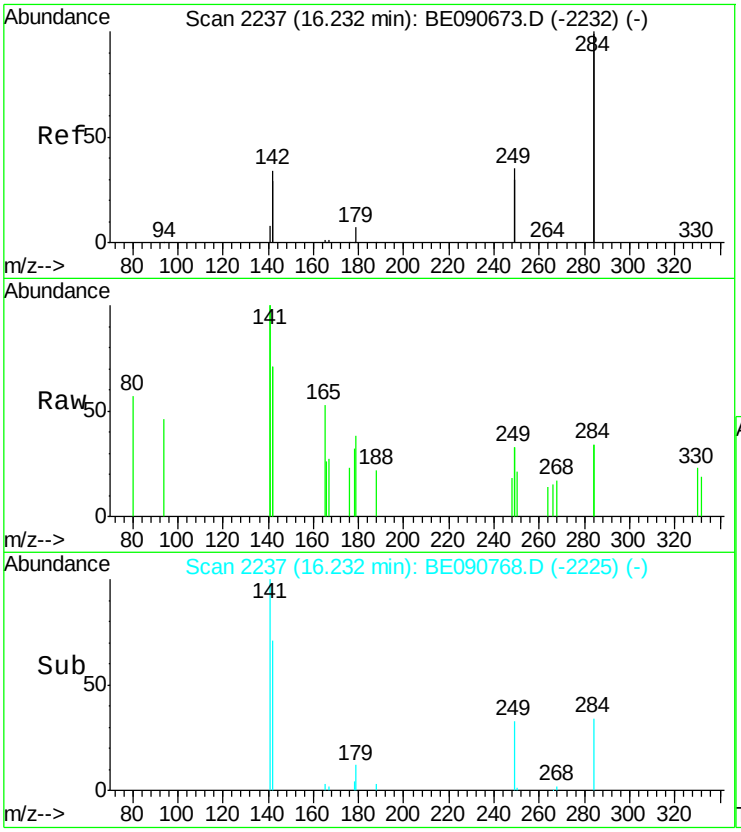


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:188 Resp: 248706

Ion	Ratio	Lower	Upper
188	100		
94	10.9	10.3	15.5
80	11.6	11.0	16.6



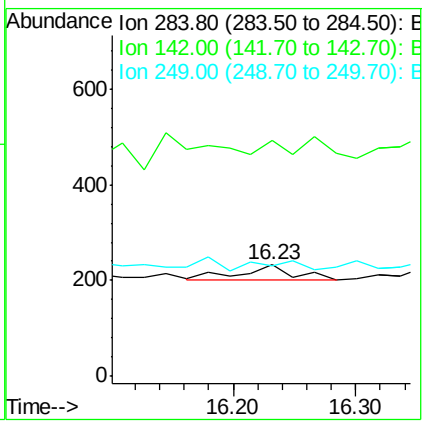


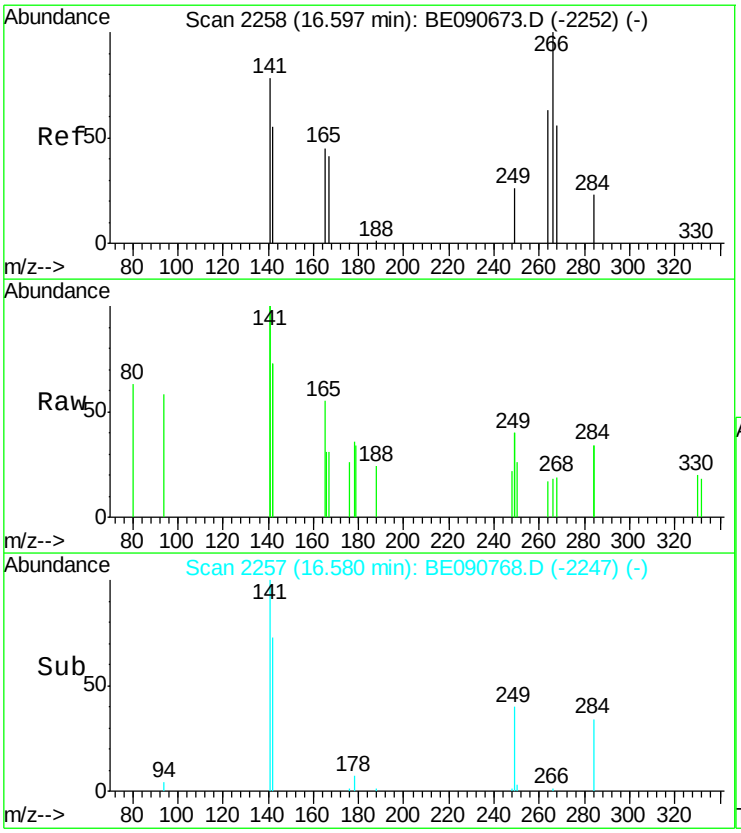
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion:284 Resp: 84

Ion	Ratio	Lower	Upper
284	100		
142	48.8	35.0	52.4
249	61.9	25.5	38.3#

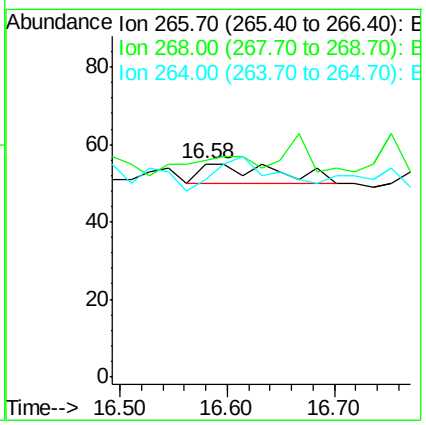


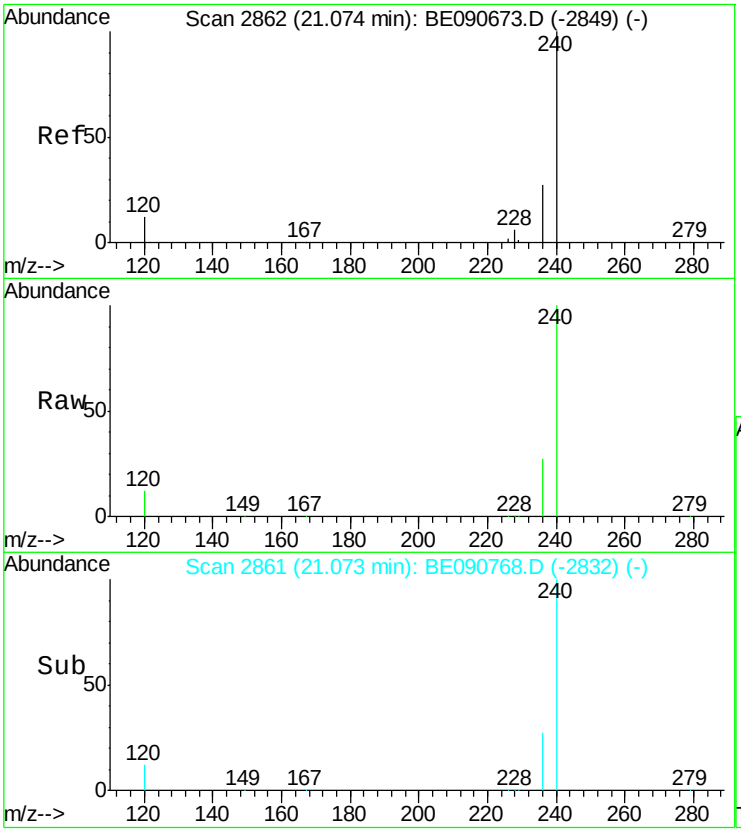


#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.58 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:266 Resp: 26

Ion	Ratio	Lower	Upper
266	100		
268	101.8	49.6	74.4#
264	92.7	53.9	80.9#



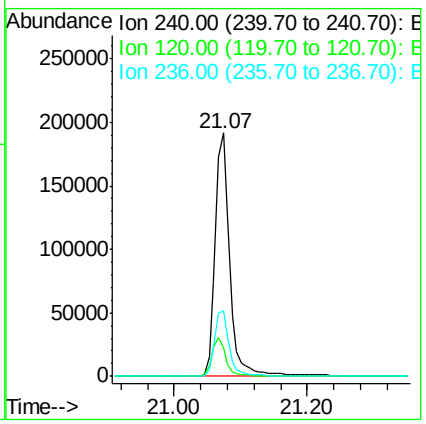


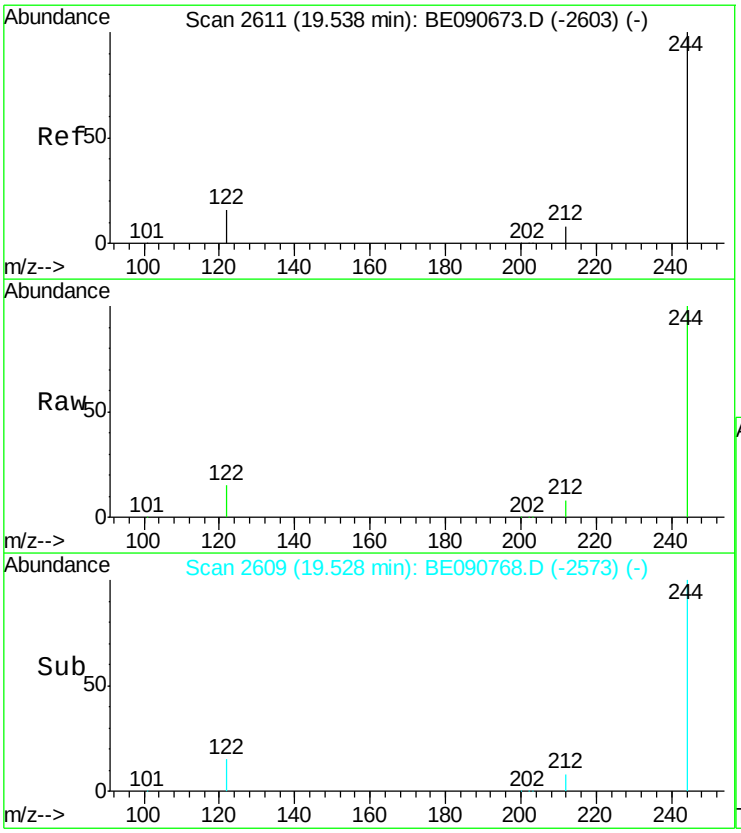
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion:240 Resp: 287373

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.1	15.1
236	27.1	21.9	32.9

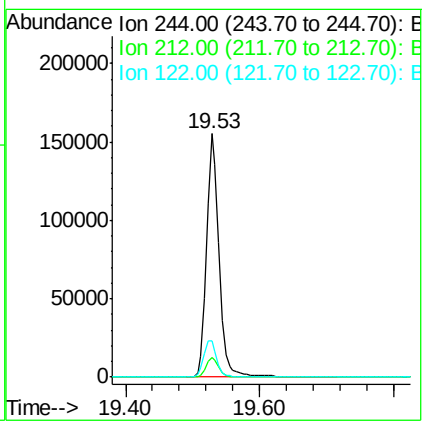


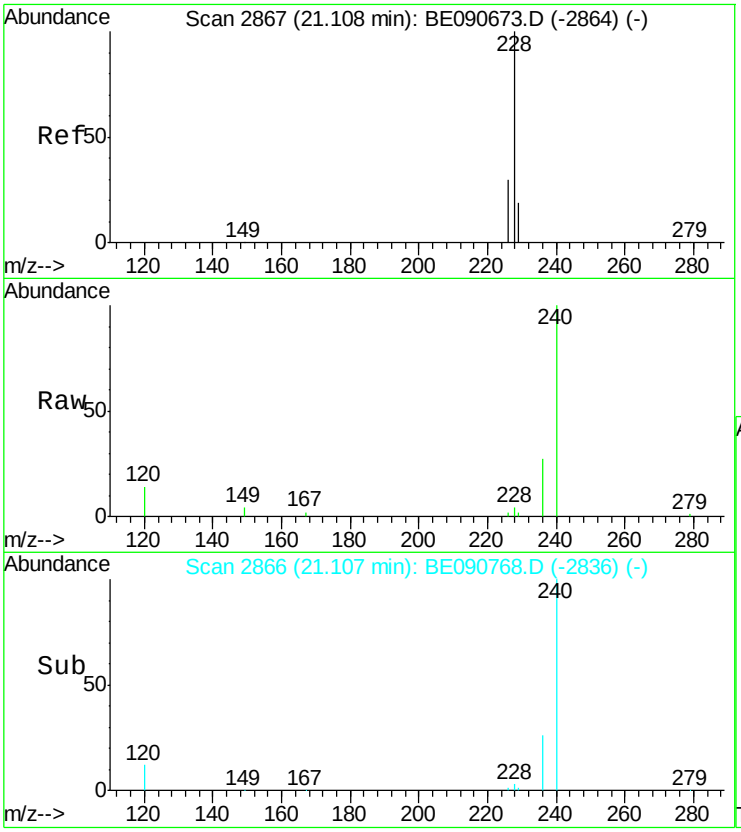


#27
Terphenyl-d14
Concen: 6.38 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:244 Resp: 203007

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	15.1	12.9	19.3



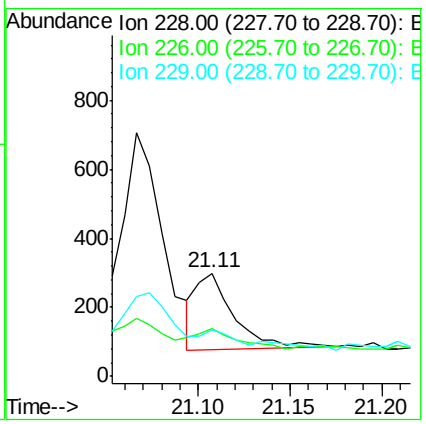


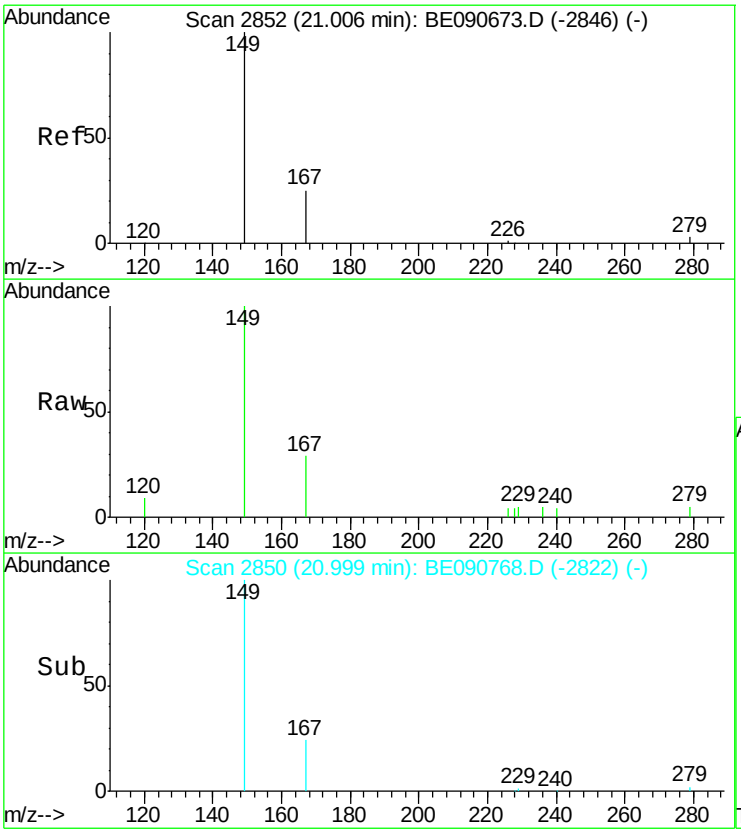
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion:228 Resp: 317

Ion	Ratio	Lower	Upper
228	100		
226	46.5	24.2	36.4#
229	44.8	15.3	22.9#

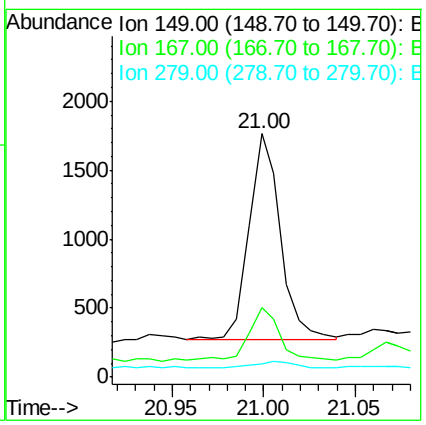


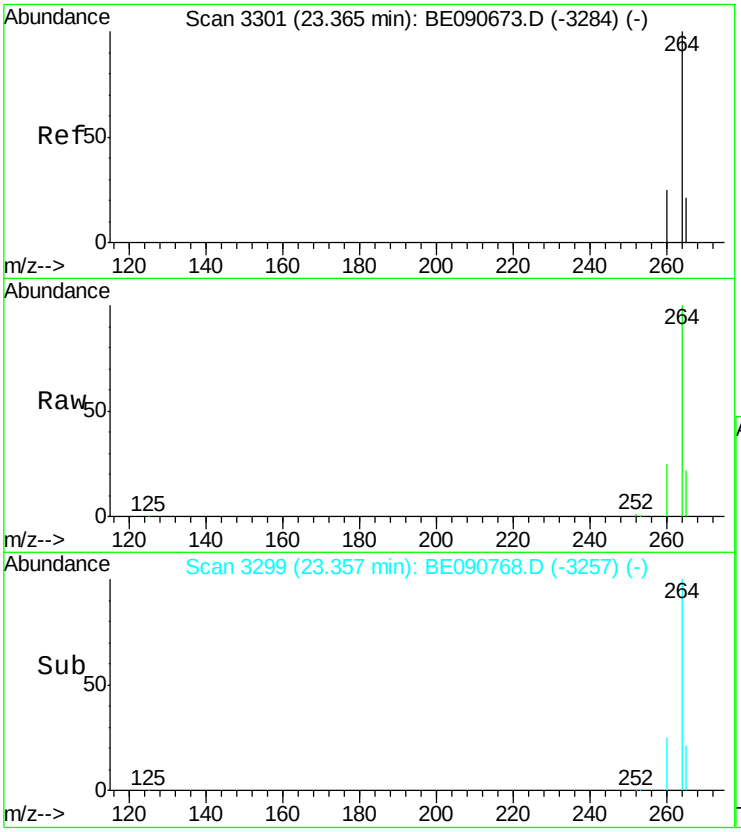


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:149 Resp: 1786

Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.1	30.1
279	3.7	2.3	3.5#



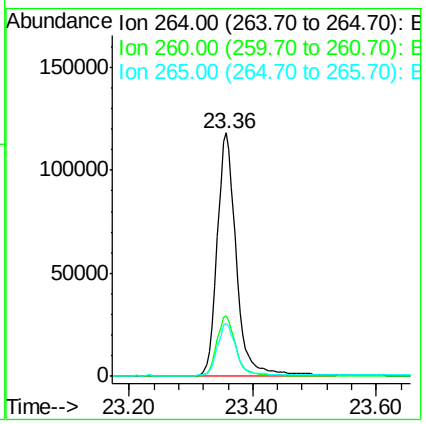


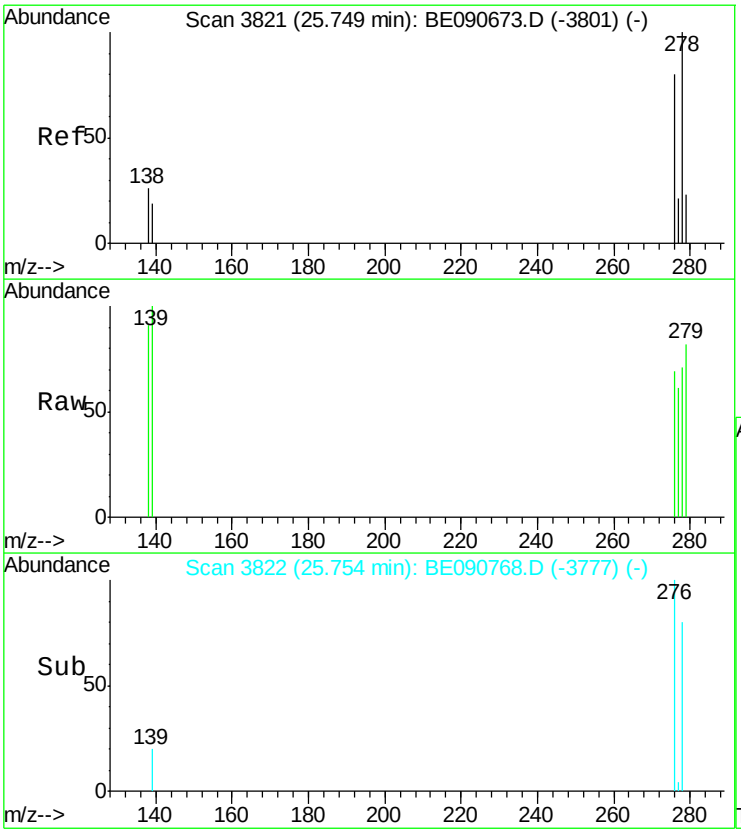
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.01 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-D-M

Tgt Ion:264 Resp: 255360

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# 3822
Delta R.T. 0.01 min
Lab File: BE090768.D
Acq: 10 Sep 2015 19:18

Tgt Ion:278 Resp: 47

Ion	Ratio	Lower	Upper
278	100		
139	140.7	15.4	23.0#
279	114.8	18.8	28.2#