Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
Data File : BE090773.D
Acq On : 10 Sep 2015 22:21
Operator : UM/IZ
Sample : G3598-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 11 03:37:03 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	41009	5.00	ng		0.00
6) Naphthalene-d8	10.31	136	181961	5.00	ng		0.00
12) Acenaphthene-d10	14.17	164	95894	5.00	ng		0.00
18) Phenanthrene-d10	16.91	188	243533	5.00	ng		0.00
25) Chrysene-d12	21.07	240	286283	5.00	ng		0.00
32) Perylene-d12	23.36	264	251465	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	25653	3.22	ng		0.00
5) Phenol-d6	6.75	99	21388	1.87	ng		0.00
7) Nitrobenzene-d5	8.71	82	43362	3.61	ng		0.00
13) 2,4,6-Tribromophenol	15.67	330	19577	6.97	ng		0.00
14) 2-Fluorobiphenyl	12.79	172	97941	3.69	ng		0.00
27) Terphenyl-d14	19.53	244	166933	5.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	156	Below Cal		#	17
3) n-Nitrosodimethylamine	3.45	42	91	Below Cal		#	6
8) Nitrobenzene	8.77	77	20	0.11	ng	#	44
20) Hexachlorobenzene	16.23	284	88	Below Cal		#	1
21) Pentachlorophenol	16.61	266	44	0.47	ng	#	63
29) Chrysene	21.11	228	269	Below Cal		#	59
30) Bis(2-ethylhexyl)phthalate	21.00	149	2942	0.24	ng		98
36) Dibenzo(a,h)anthracene	25.74	278	13	0.14	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 16 Sample Multiplier: 1

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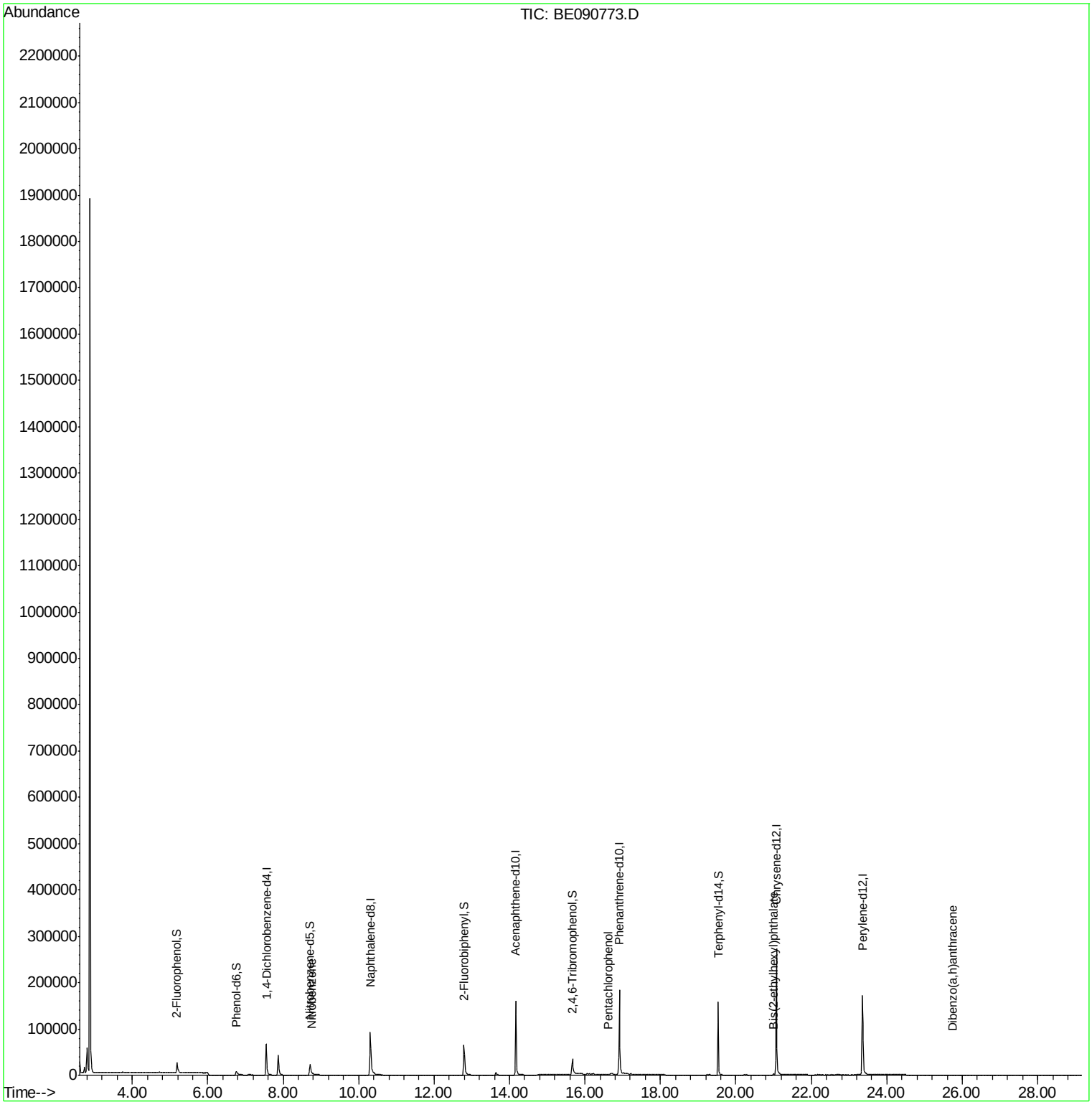
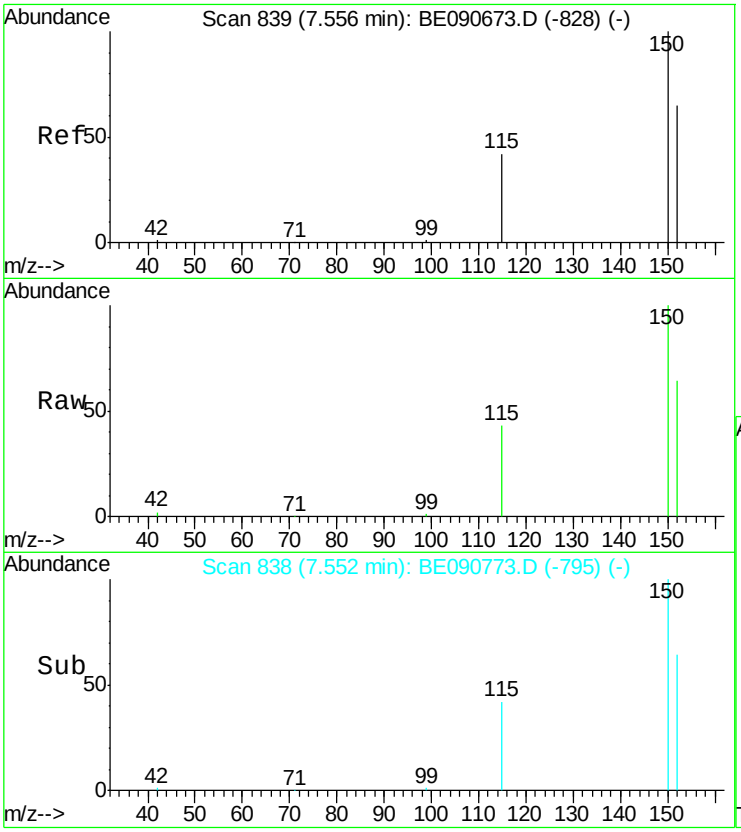
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration



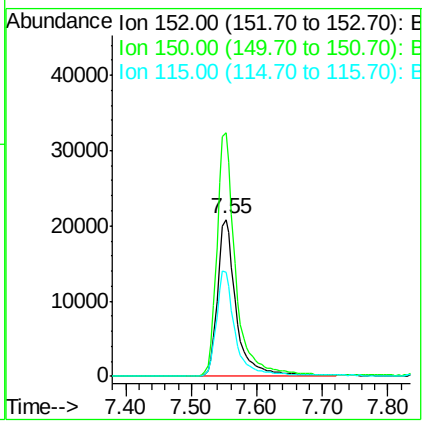


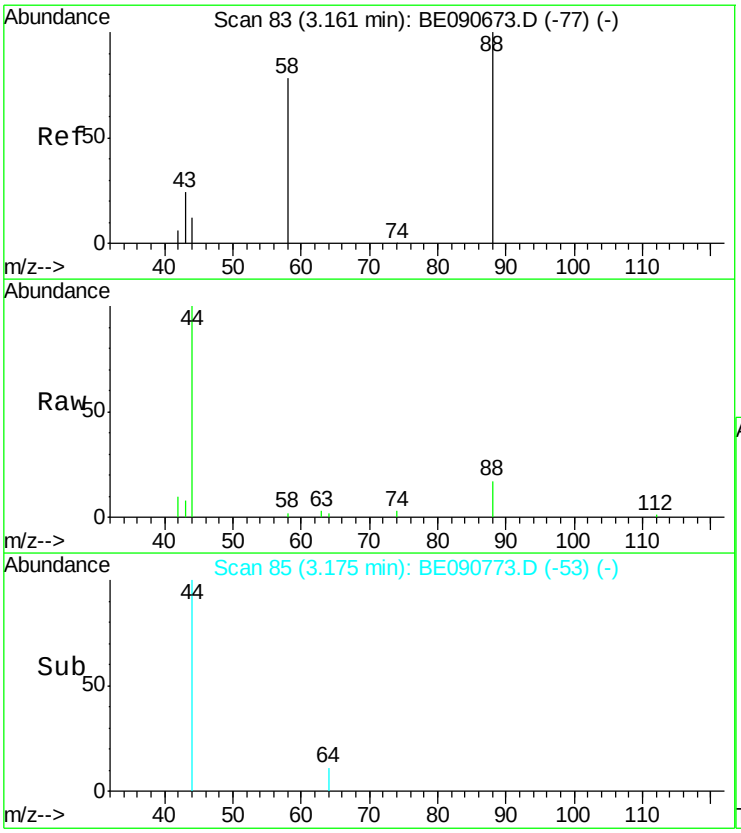
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion:152 Resp: 41009

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.2	183.4
115	66.1	51.0	76.4

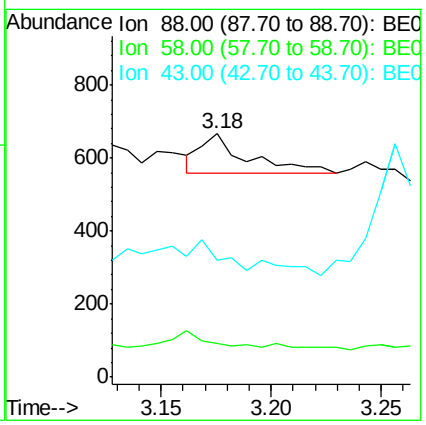


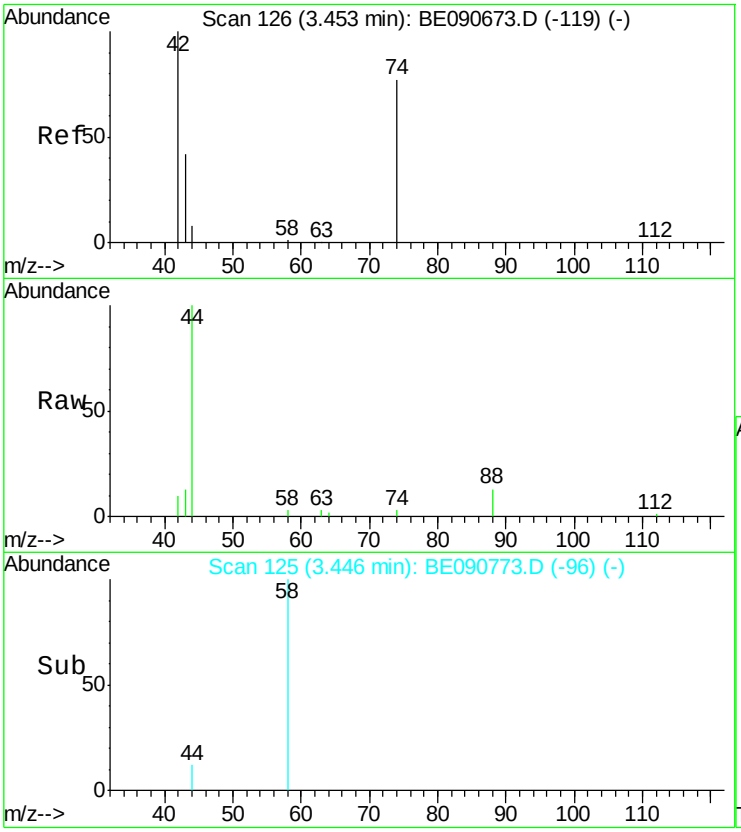


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.18 min Scan# 85
Delta R.T. 0.01 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion: 88 Resp: 156

Ion	Ratio	Lower	Upper
88	100		
58	26.9	68.4	102.6#
43	109.0	26.9	40.3#



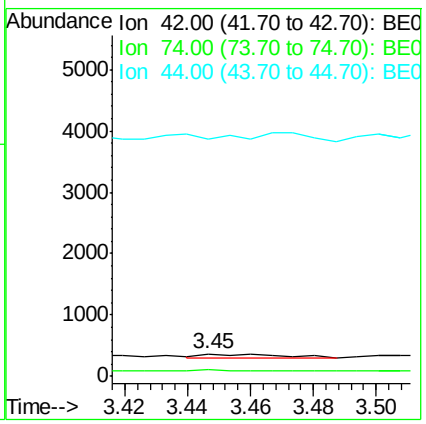


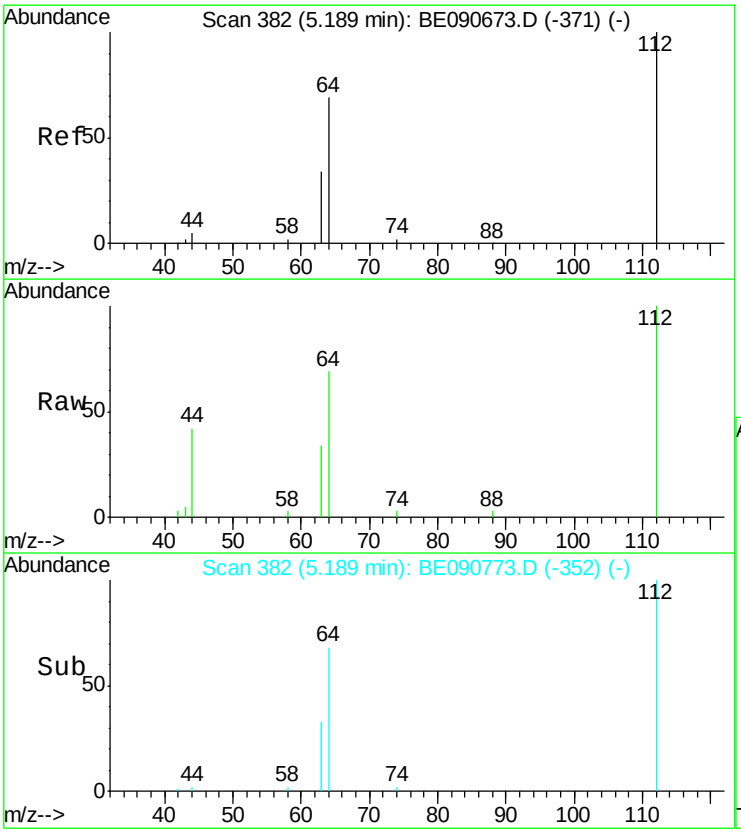
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion: 42 Resp: 91

Ion	Ratio	Lower	Upper
42	100		
74	23.1	83.7	125.5#
44	95.6	10.0	15.0#

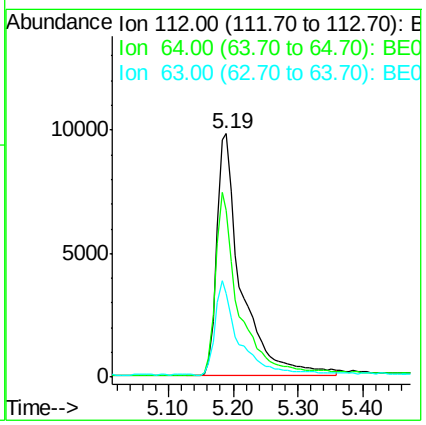


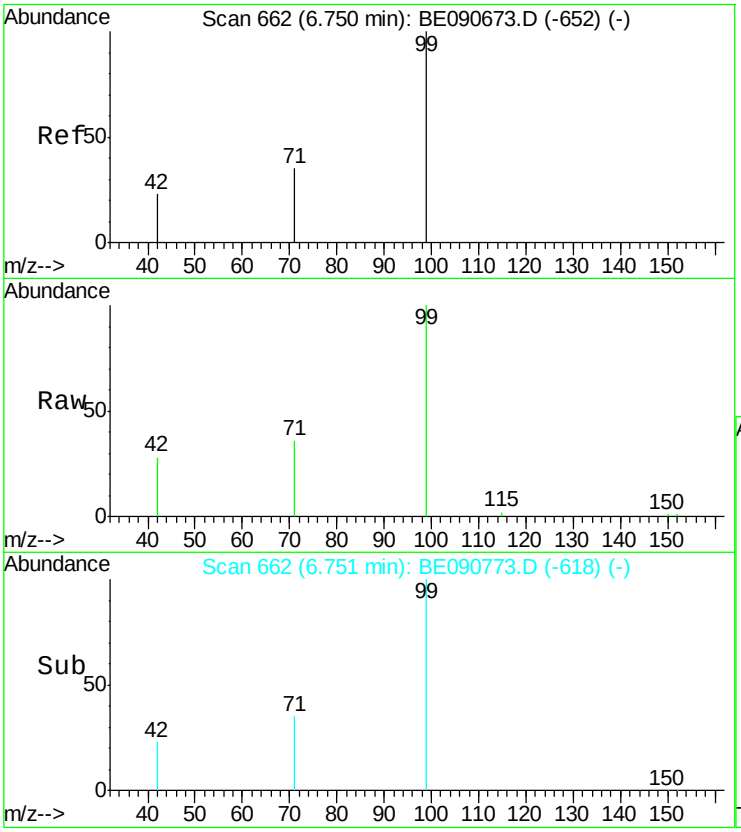


#4
2-Fluorophenol
Concen: 3.22 ng
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:112 Resp: 25653

Ion	Ratio	Lower	Upper
112	100		
64	72.1	57.3	85.9
63	37.3	29.2	43.8



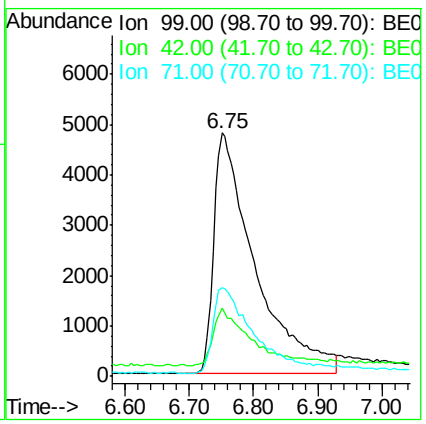


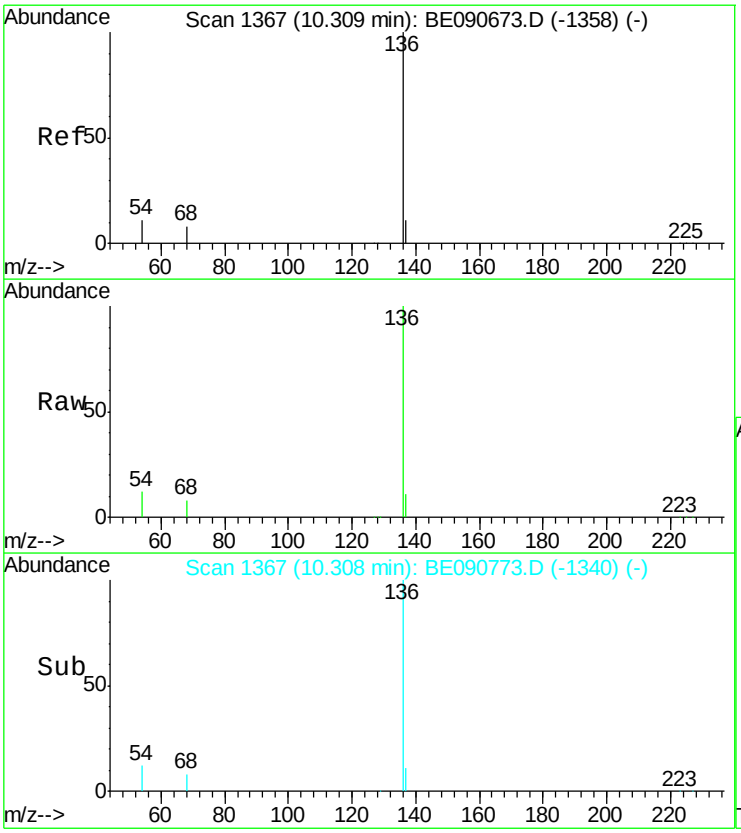
#5
Phenol-d6
Concen: 1.87 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion: 99 Resp: 21388

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.8	25.2
71	36.2	28.3	42.5

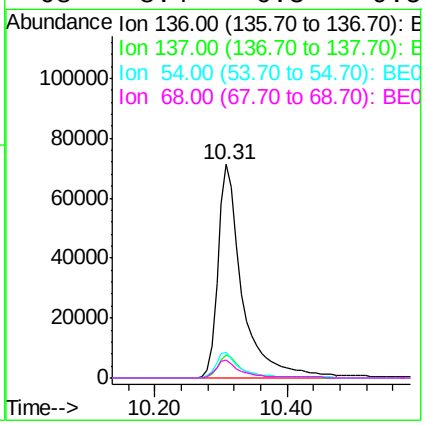


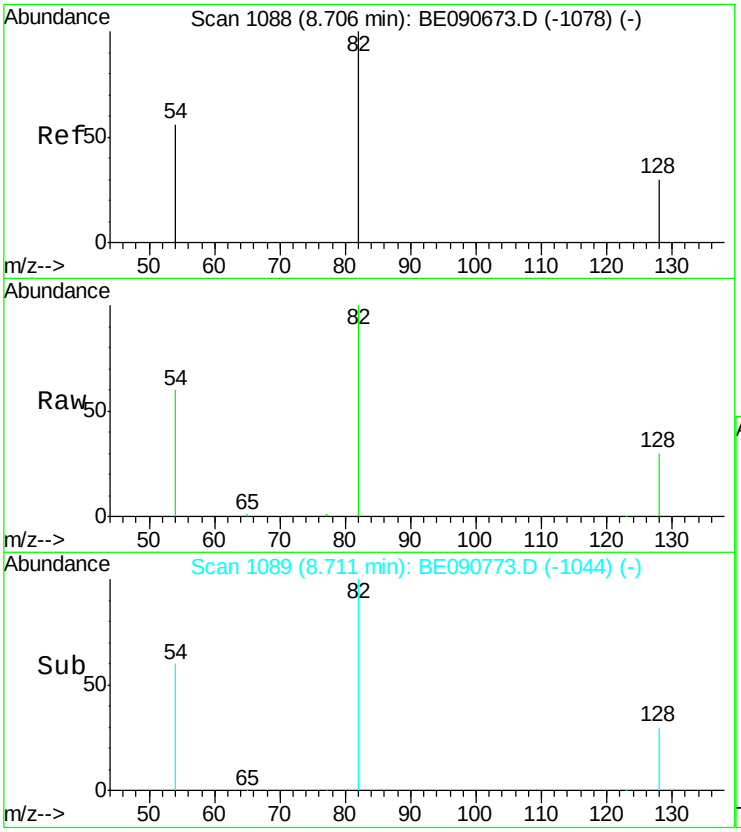


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:136 Resp: 181961

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.9	9.0	13.6
68	8.4	6.3	9.5



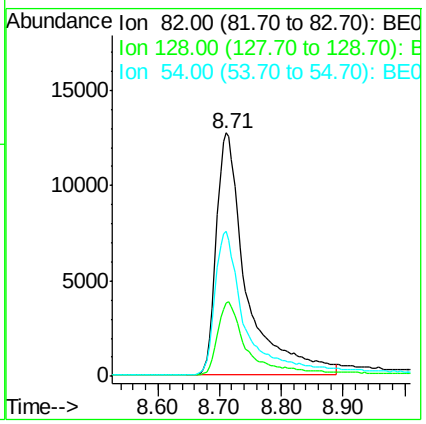


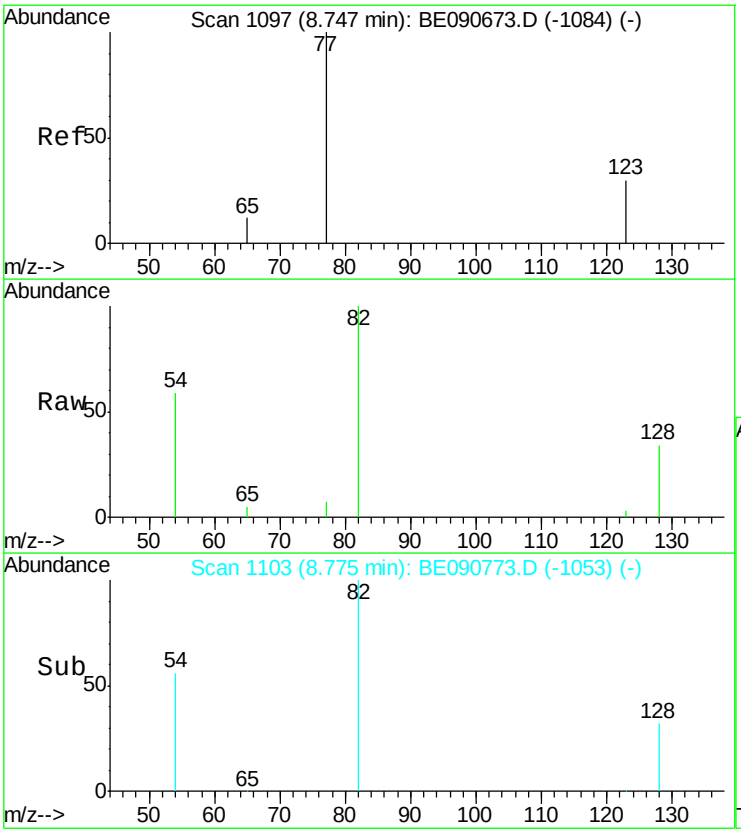
#7
Nitrobenzene-d5
Concen: 3.61 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion: 82 Resp: 43362

Ion	Ratio	Lower	Upper
82	100		
128	30.4	25.0	37.4
54	59.8	46.3	69.5

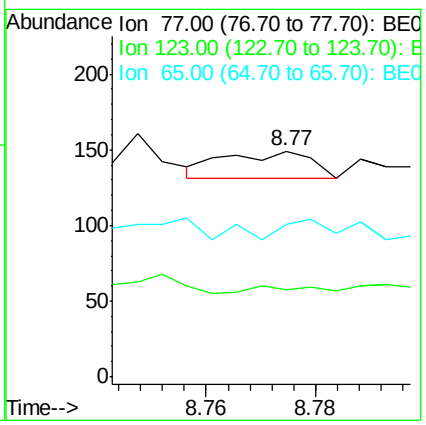


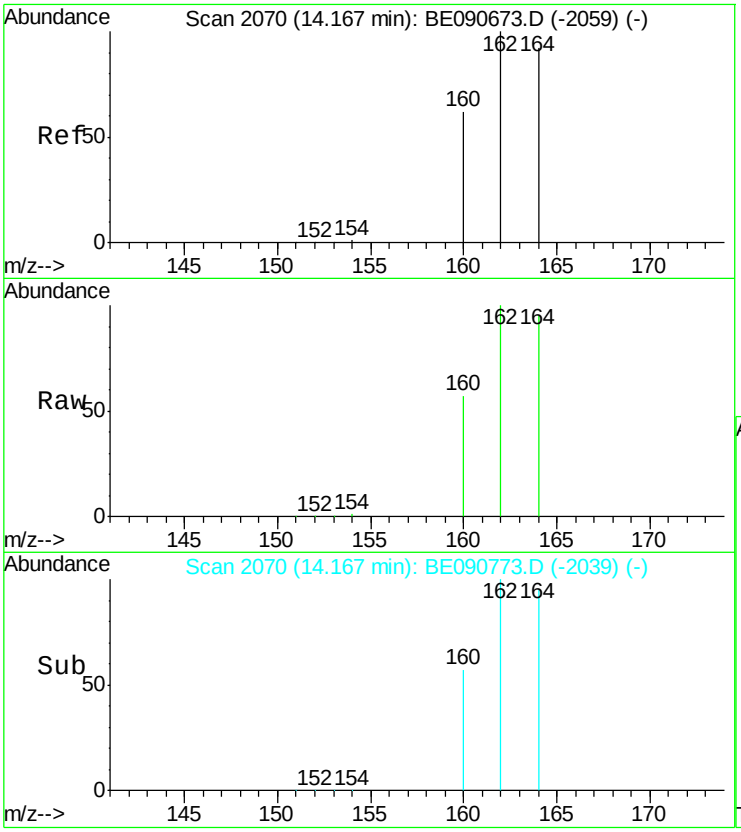


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.77 min Scan# 1103
Delta R.T. 0.03 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion: 77 Resp: 20

Ion	Ratio	Lower	Upper
77	100		
123	20.0	25.1	37.7#
65	70.0	9.9	14.9#



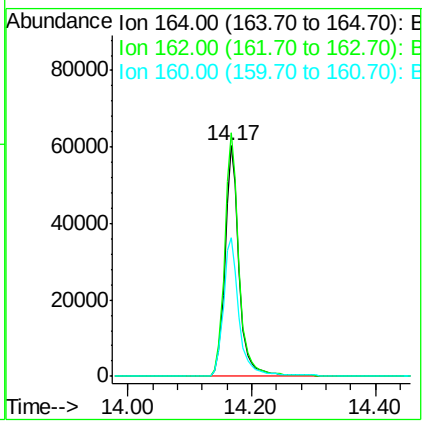


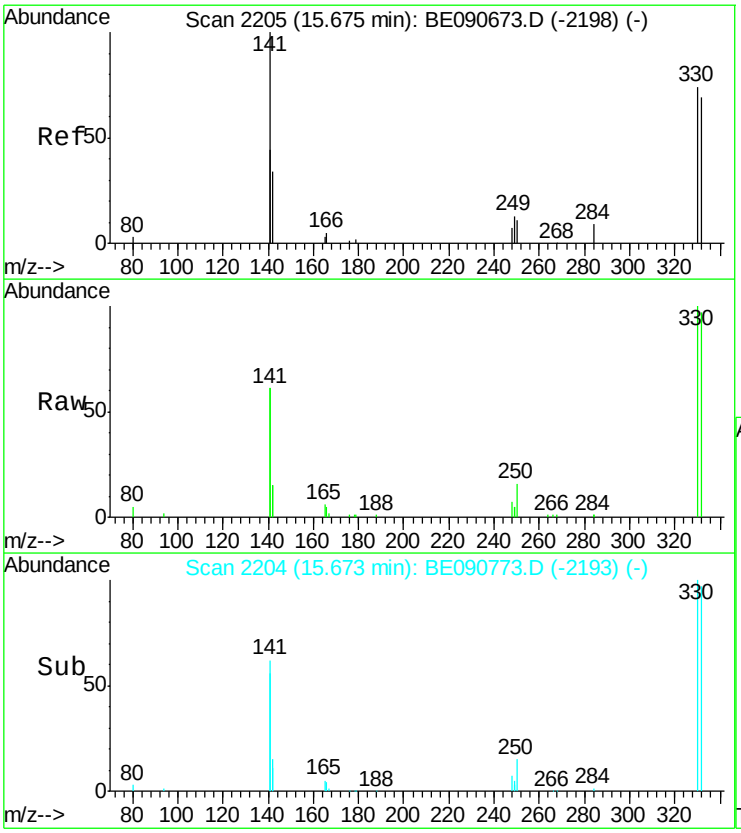
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion:164 Resp: 95894

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.8	130.2
160	60.0	53.9	80.9

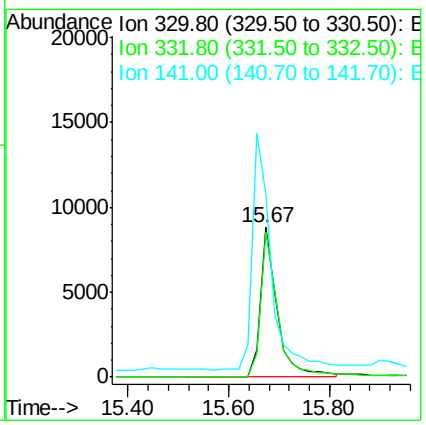


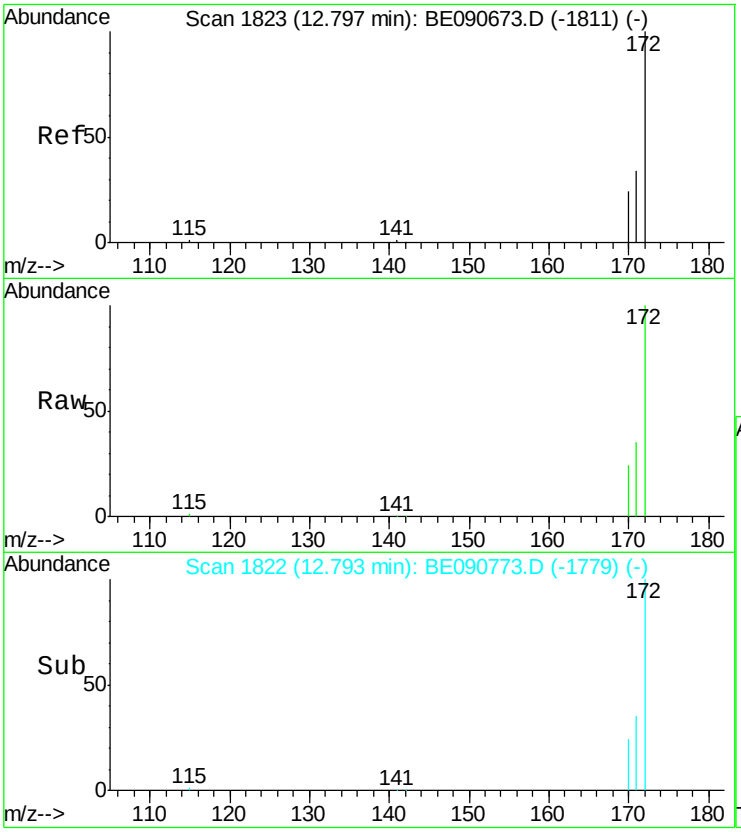


#13
2,4,6-Tribromophenol
Concen: 6.97 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:330 Resp: 19577

Ion	Ratio	Lower	Upper
330	100		
332	98.0	74.9	112.3
141	181.5	145.2	217.8



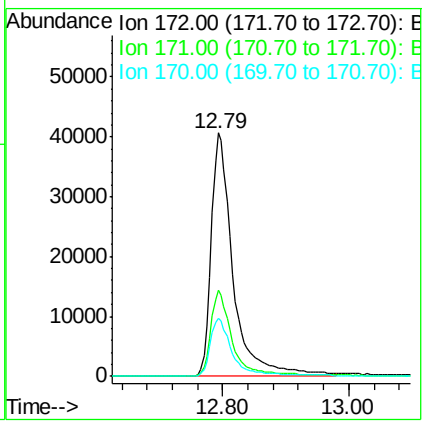


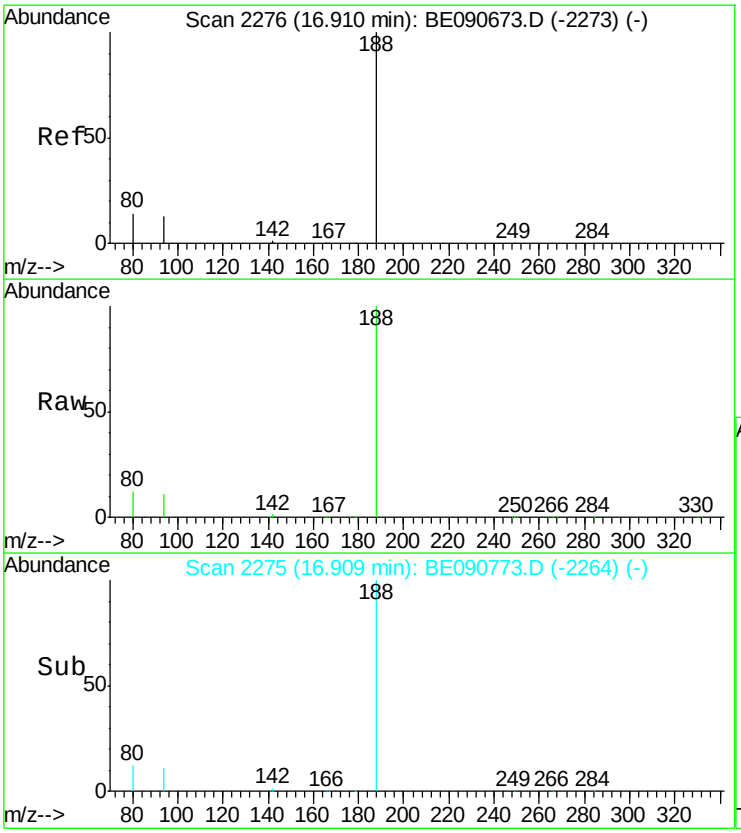
#14
2-Fluorobiphenyl
Concen: 3.69 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion:172 Resp: 97941

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.8
170	23.9	19.8	29.6

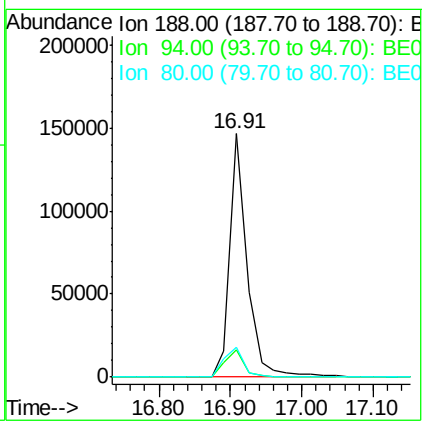


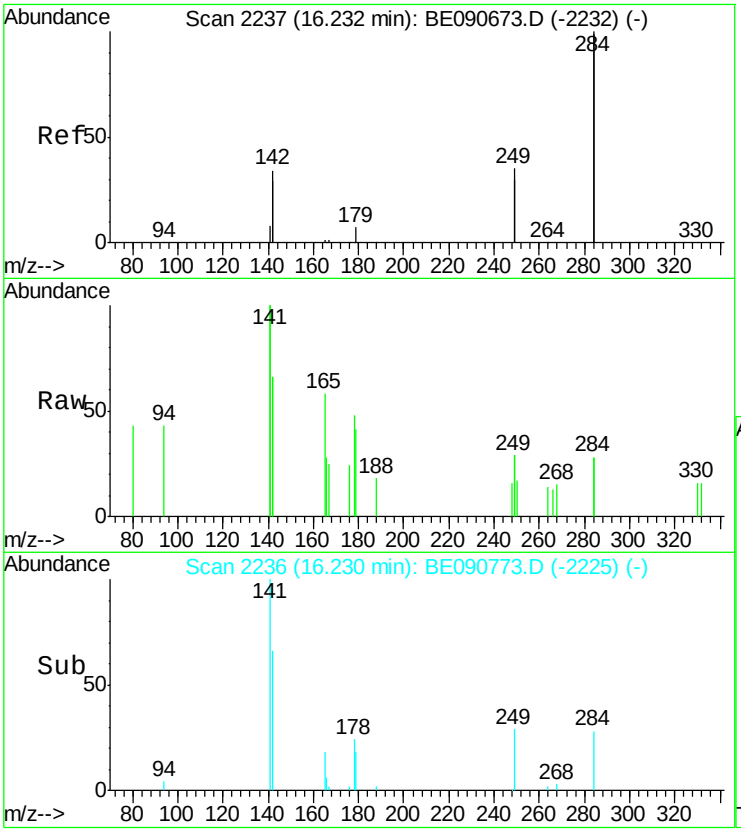


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:188 Resp: 243533

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.3	15.5
80	12.3	11.0	16.6



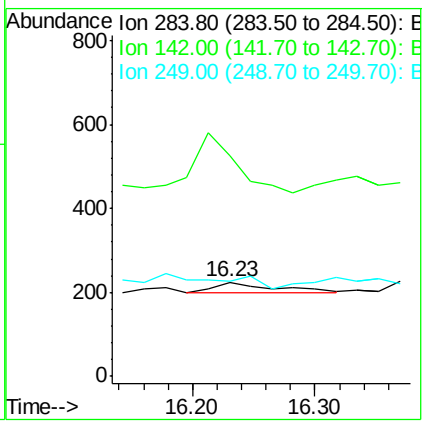


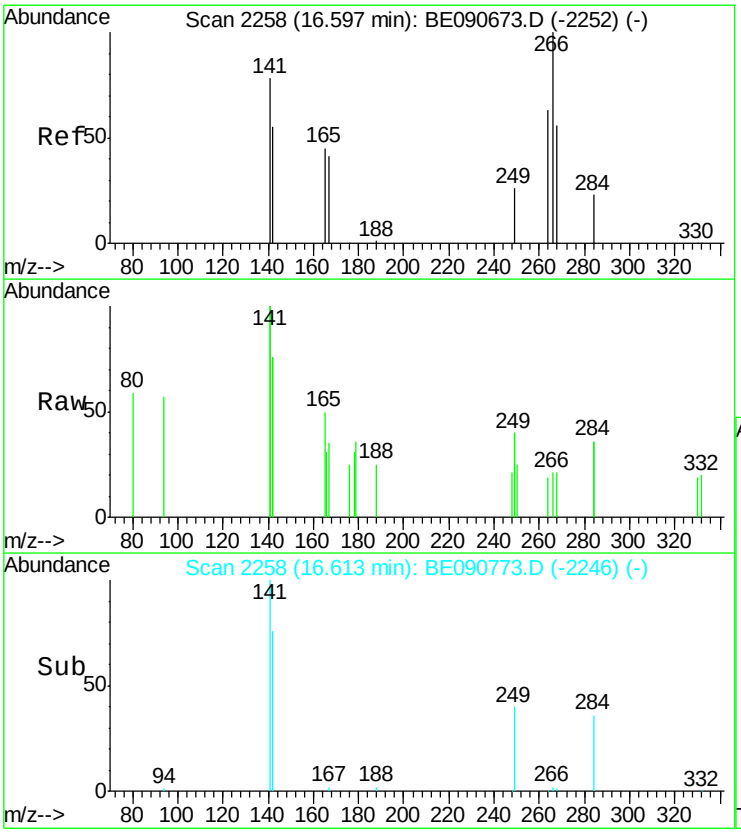
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.23 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion:284 Resp: 88

Ion	Ratio	Lower	Upper
284	100		
142	388.6	35.0	52.4#
249	0.0	25.5	38.3#

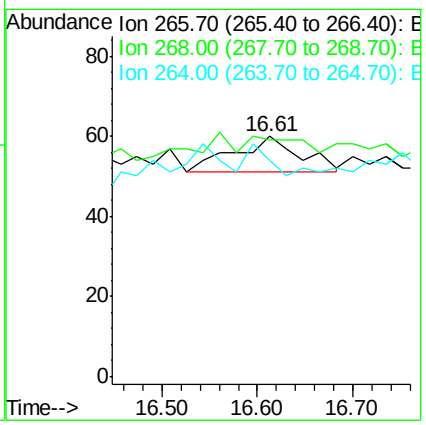


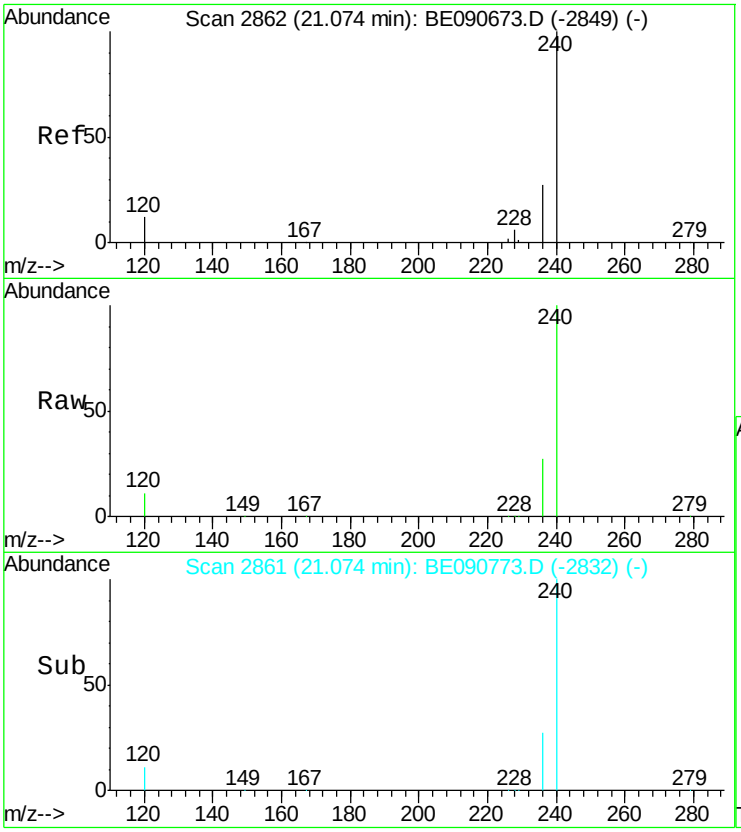


#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.61 min Scan# 2258
Delta R.T. 0.02 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:266 Resp: 44

Ion	Ratio	Lower	Upper
266	100		
268	98.3	49.6	74.4#
264	90.0	53.9	80.9#



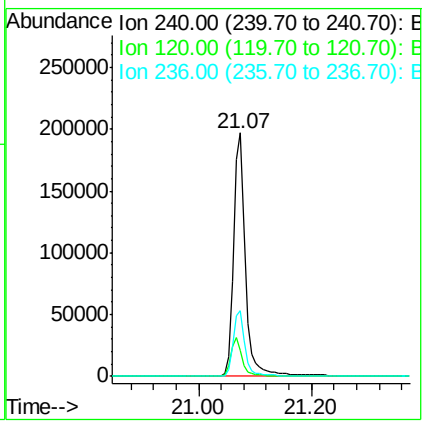


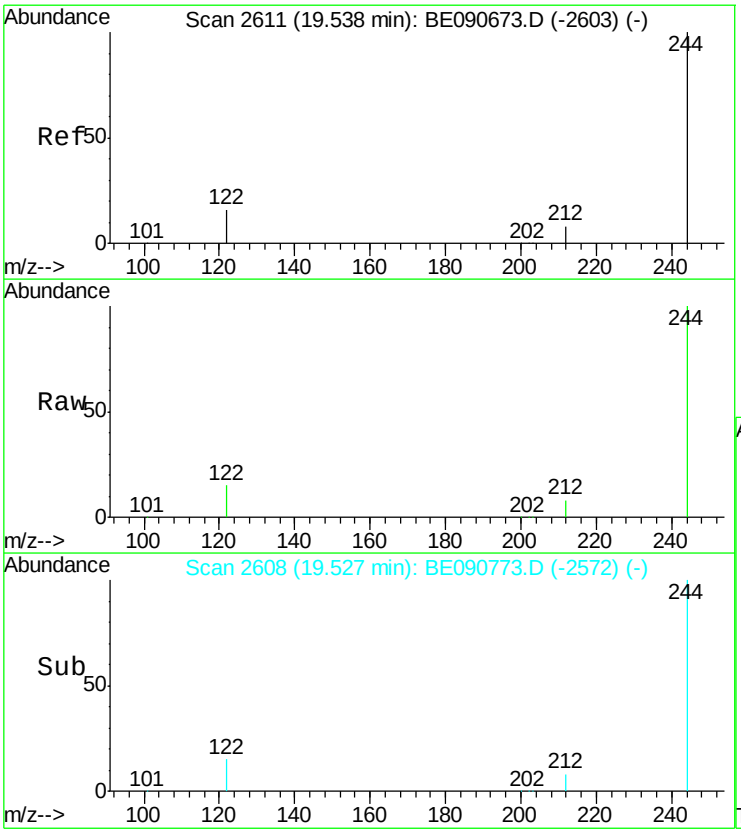
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion:240 Resp: 286283

Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.1	15.1
236	26.9	21.9	32.9

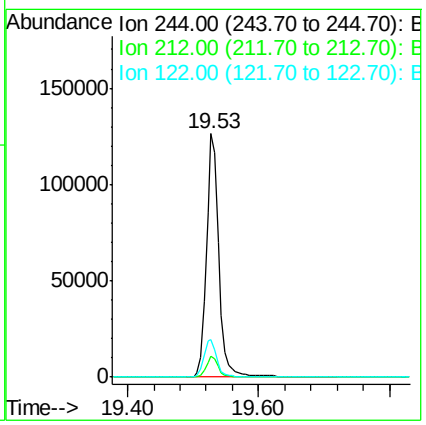


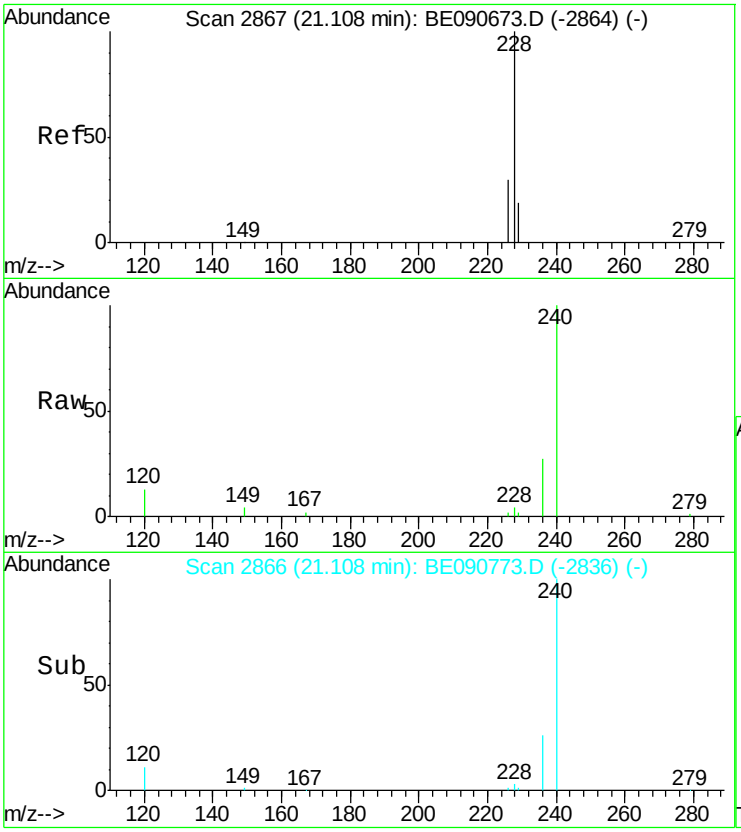


#27
Terphenyl-d14
Concen: 5.27 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:244 Resp: 166933

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.9	10.3
122	15.5	12.9	19.3



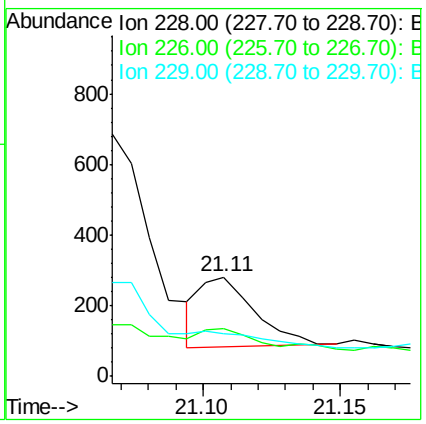


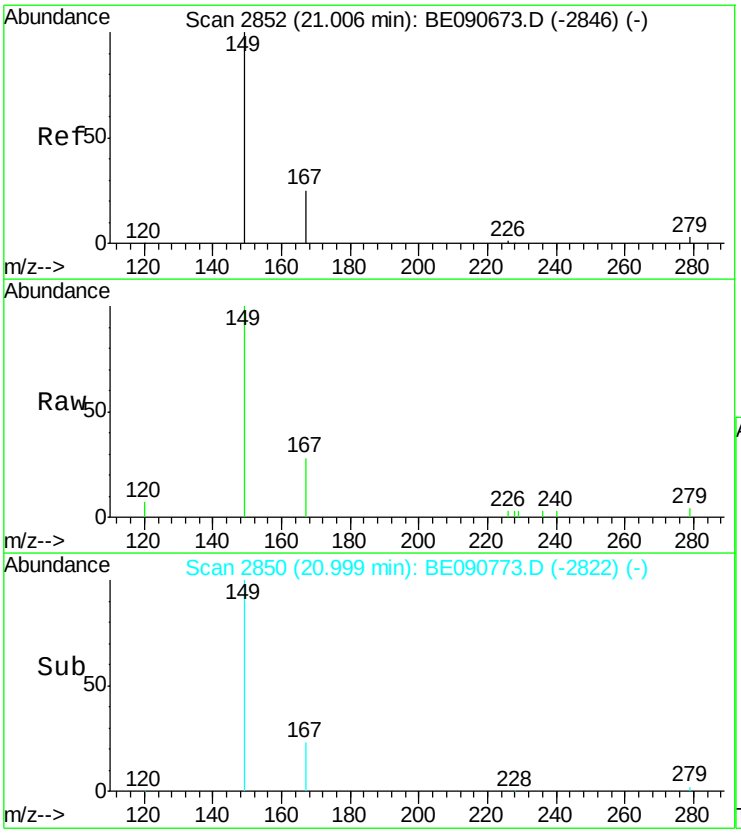
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion:228 Resp: 269

Ion	Ratio	Lower	Upper
228	100		
226	48.2	24.2	36.4#
229	42.9	15.3	22.9#

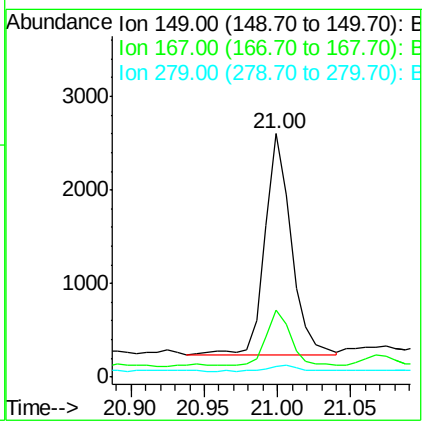


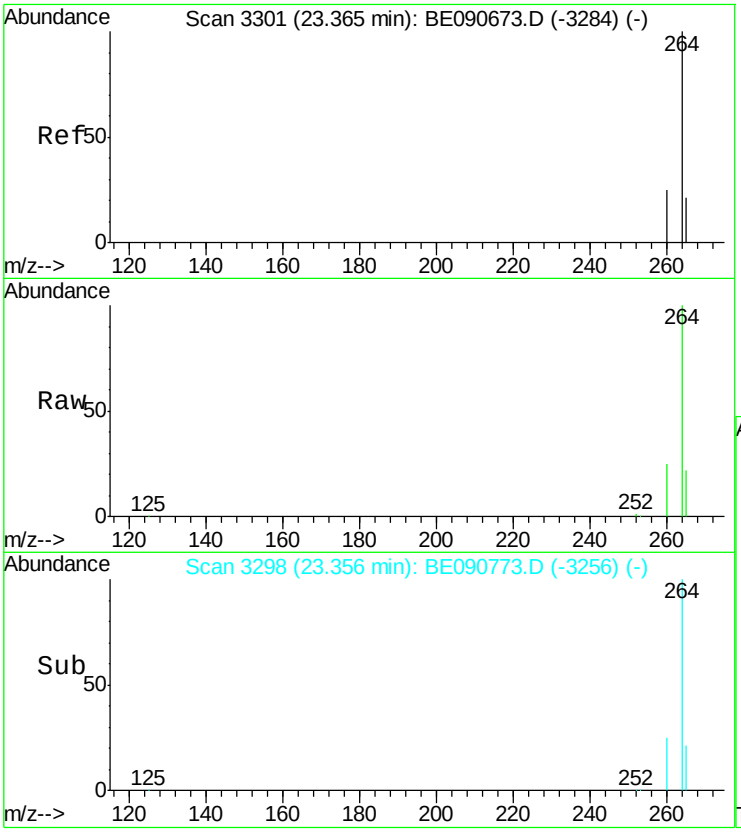


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.24 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:149 Resp: 2942

Ion	Ratio	Lower	Upper
149	100		
167	24.2	20.1	30.1
279	3.3	2.3	3.5



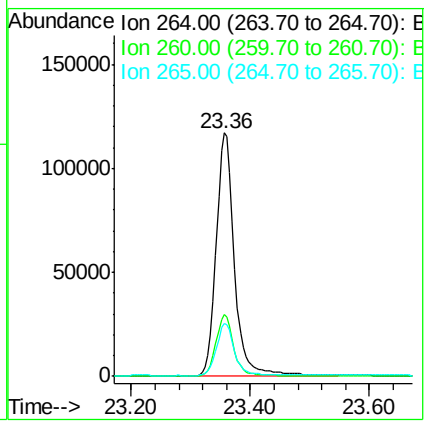


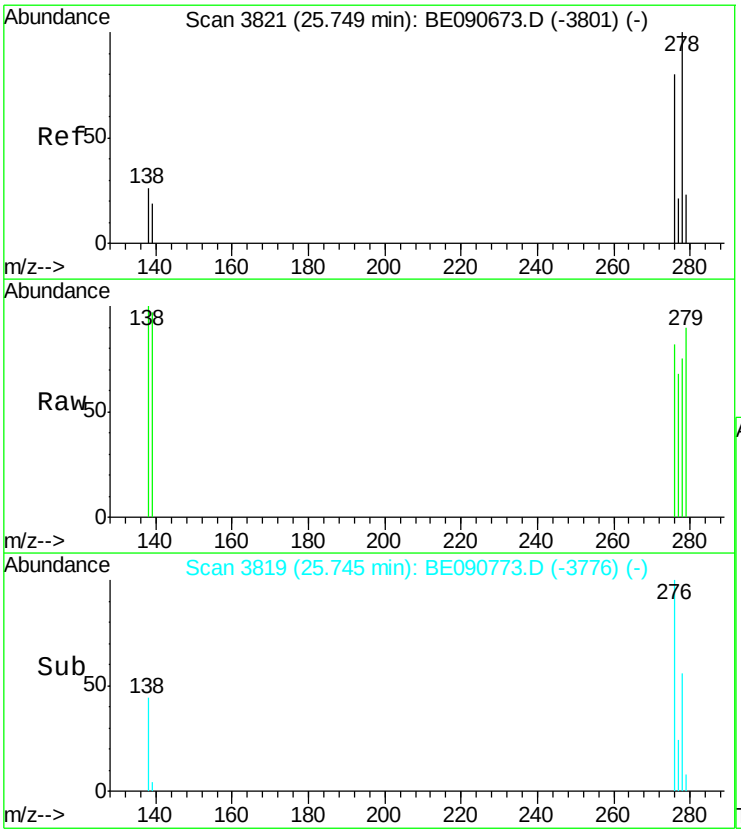
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

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

Tgt Ion:264 Resp: 251465

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.5	17.5	26.3





#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.74 min Scan# 3819
Delta R.T. -0.00 min
Lab File: BE090773.D
Acq: 10 Sep 2015 22:21

Tgt Ion:278 Resp: 13

Ion	Ratio	Lower	Upper
278	100		
139	129.7	15.4	23.0#
279	120.3	18.8	28.2#