Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090415\
Data File : BE090740.D
Acq On : 4 Sep 2015 21:30
Operator : UM/IZ
Sample : G3562-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : 090315-D534-F-D-B

Quant Time: Sep 07 01:01:54 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	43307	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	197420	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	112299	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	283280	5.00	ng	0.00
25) Chrysene-d12	21.07	240	336011	5.00	ng	0.00
32) Perylene-d12	23.36	264	309140	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	33010	3.92	ng	0.00
5) Phenol-d6	6.75	99	24884	2.06	ng	0.00
7) Nitrobenzene-d5	8.71	82	54395	4.17	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	34724	10.48	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	120547	3.88	ng	0.00
27) Terphenyl-d14	19.53	244	226600	6.10	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	100	Below Cal	#	33
3) n-Nitrosodimethylamine	3.45	42	54	Below Cal	#	33
8) Nitrobenzene	8.75	77	30	0.11	ng #	89
20) Hexachlorobenzene	16.20	284	96	Below Cal	#	37
21) Pentachlorophenol	16.60	266	19	0.46	ng #	61
29) Chrysene	21.11	228	944	Below Cal	#	71
30) Bis(2-ethylhexyl)phthalate	21.00	149	2534	0.19	ng #	95
36) Dibenzo(a,h)anthracene	25.75	278	270	0.14	ng #	1

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

Quantitation Report (Not Reviewed)

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Misc :
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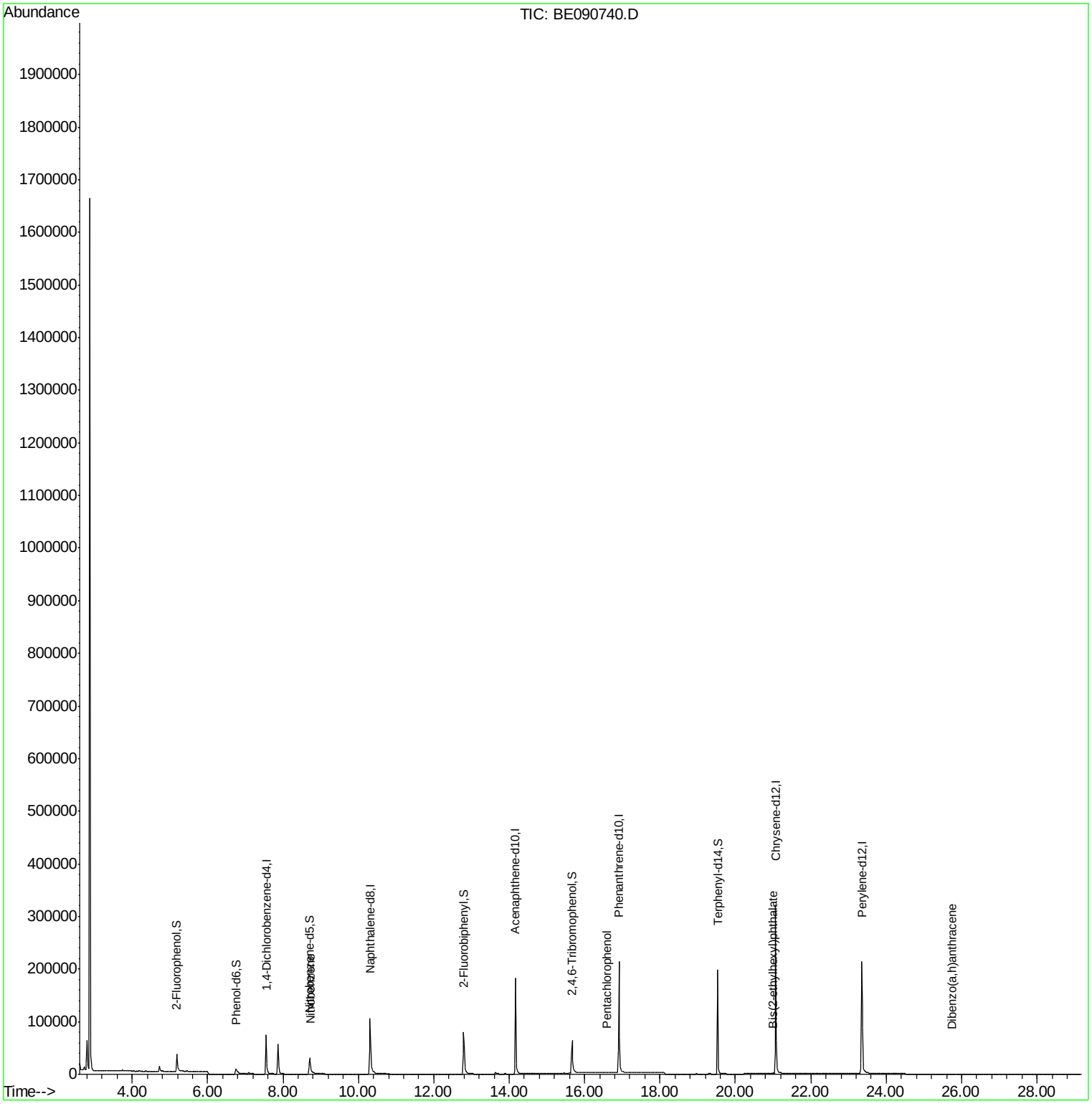
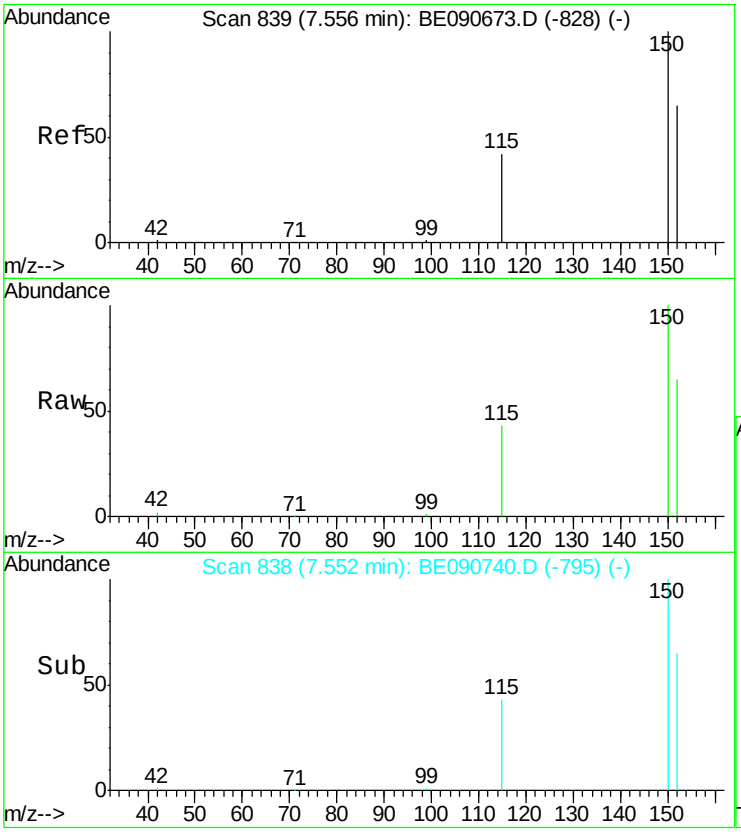
090315-D534-F-D-B

Quant Time: Sep 07 01:01:54 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



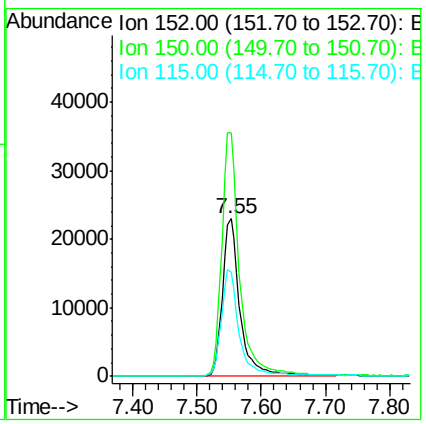


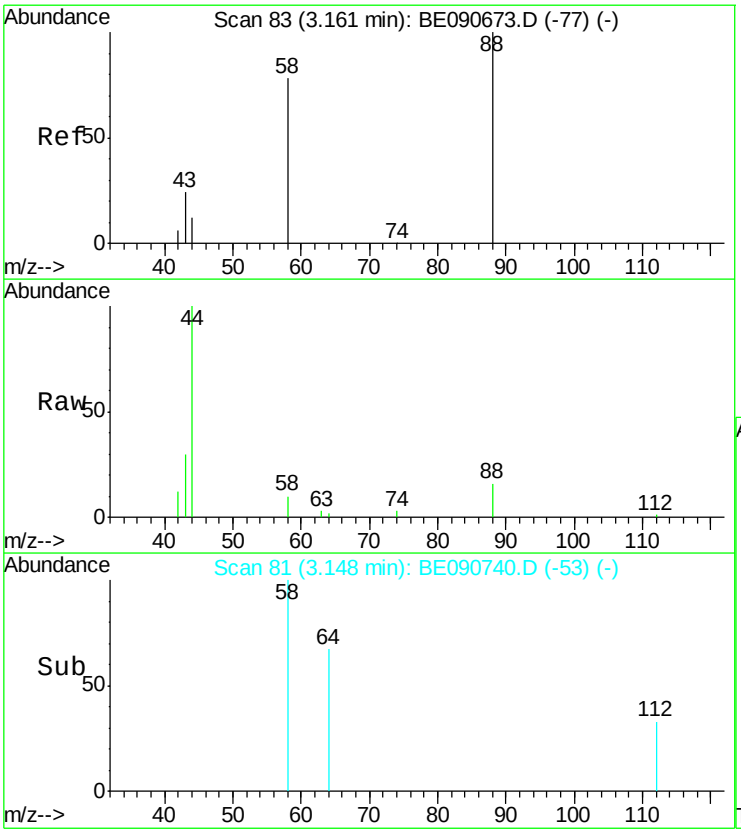
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion:152 Resp: 43307

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.2	183.4
115	66.0	51.0	76.4

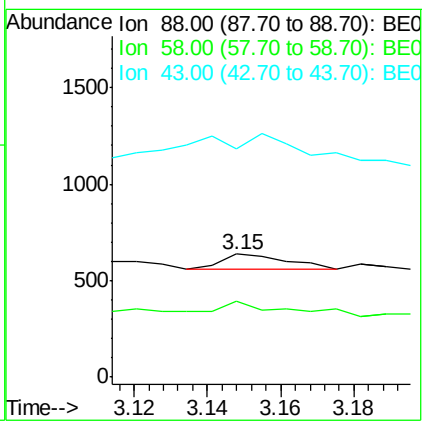


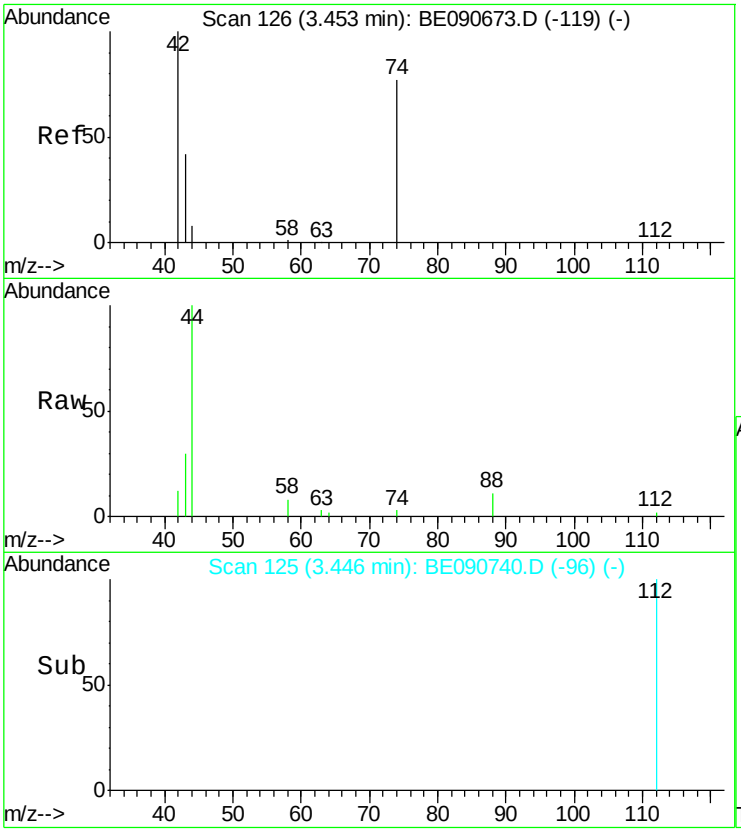


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 81
Delta R.T. -0.01 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion: 88 Resp: 100

Ion	Ratio	Lower	Upper
88	100		
58	56.0	68.4	102.6#
43	123.0	26.9	40.3#



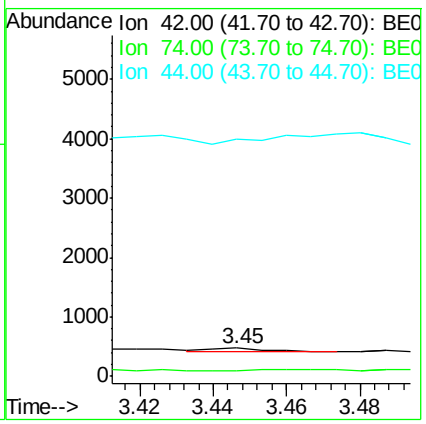


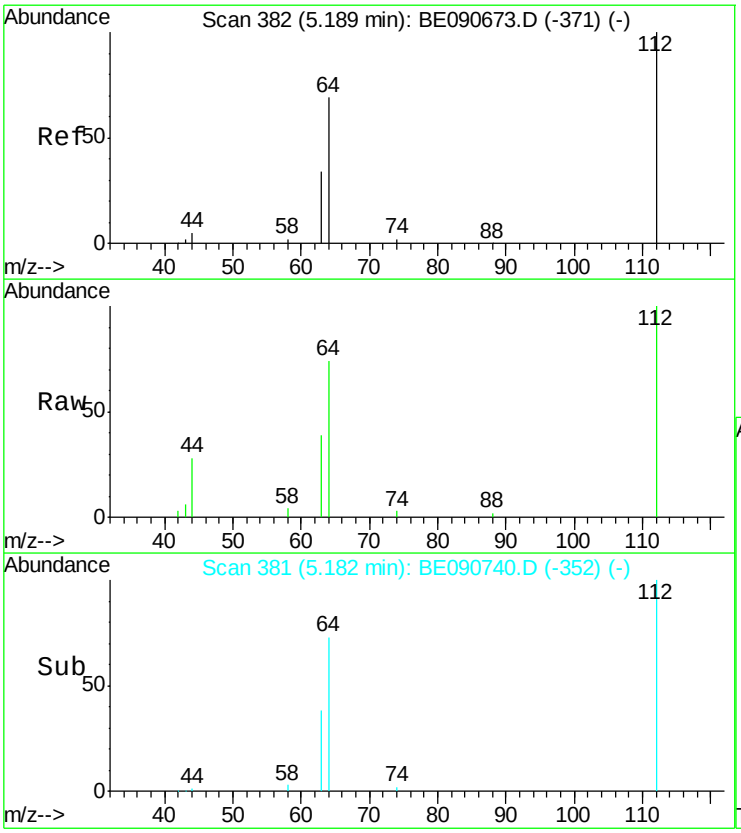
#3
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	31.5	83.7	125.5#
44	0.0	10.0	15.0#

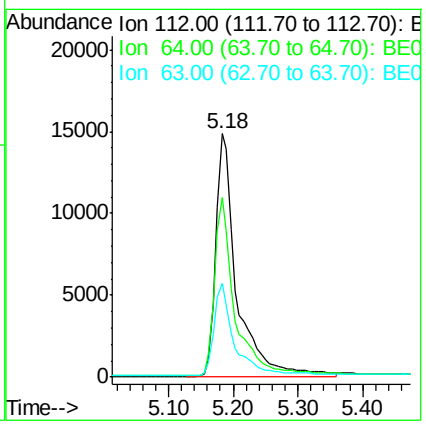


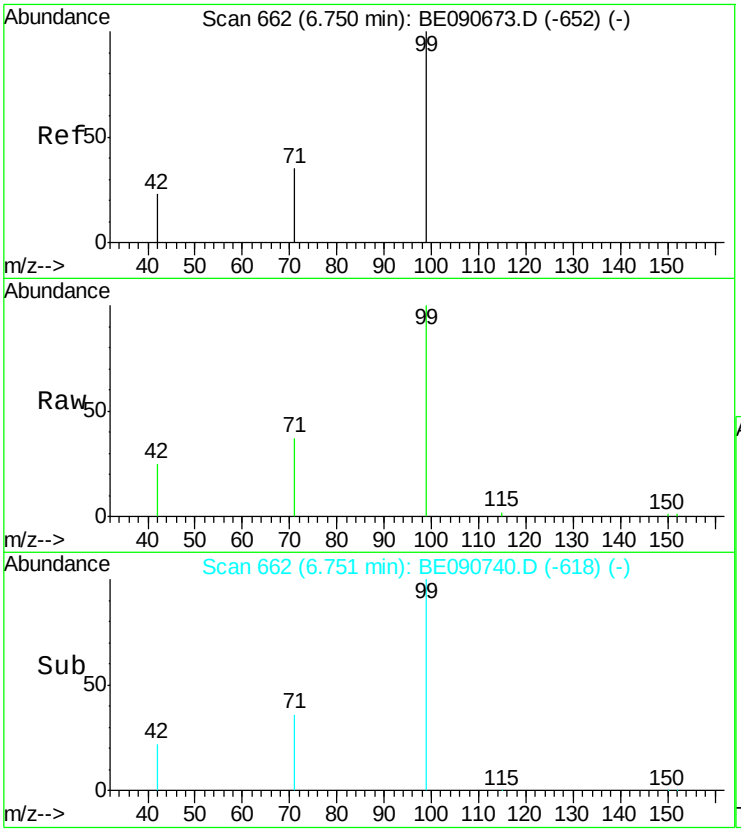


#4
2-Fluorophenol
Concen: 3.92 ng
RT: 5.18 min Scan# 381
Delta R.T. -0.01 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:112 Resp: 33010

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.3	85.9
63	37.1	29.2	43.8



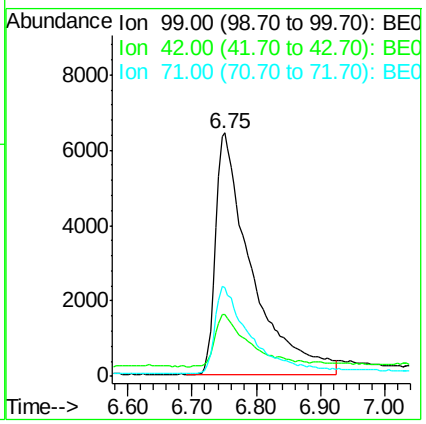


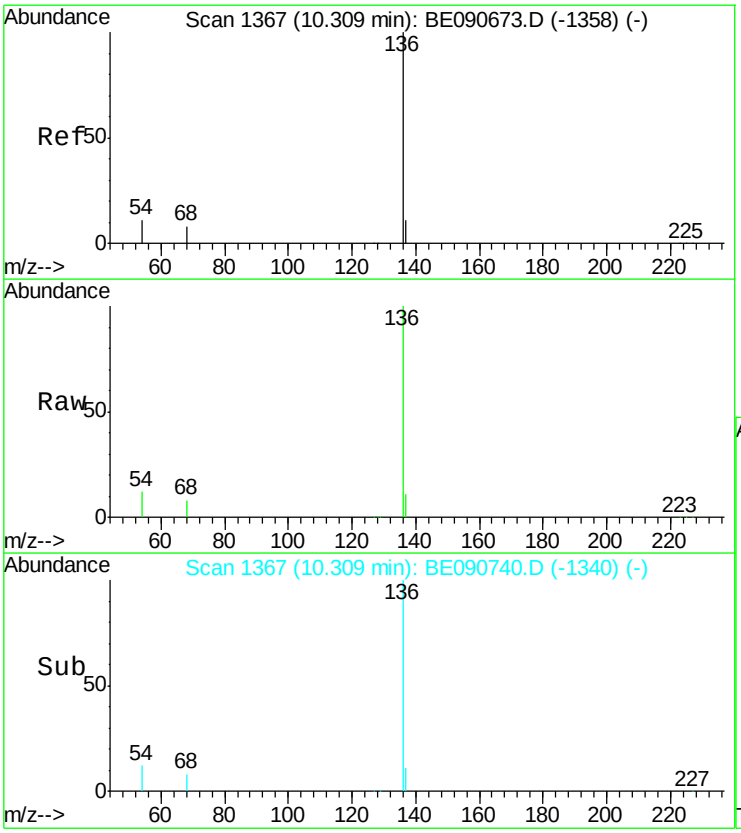
#5
Phenol-d6
Concen: 2.06 ng
RT: 6.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion: 99 Resp: 24884

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.8	25.2
71	36.1	28.3	42.5

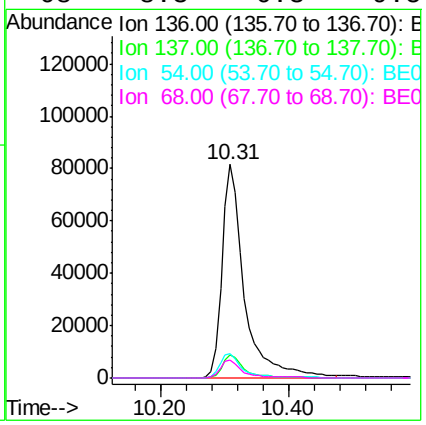


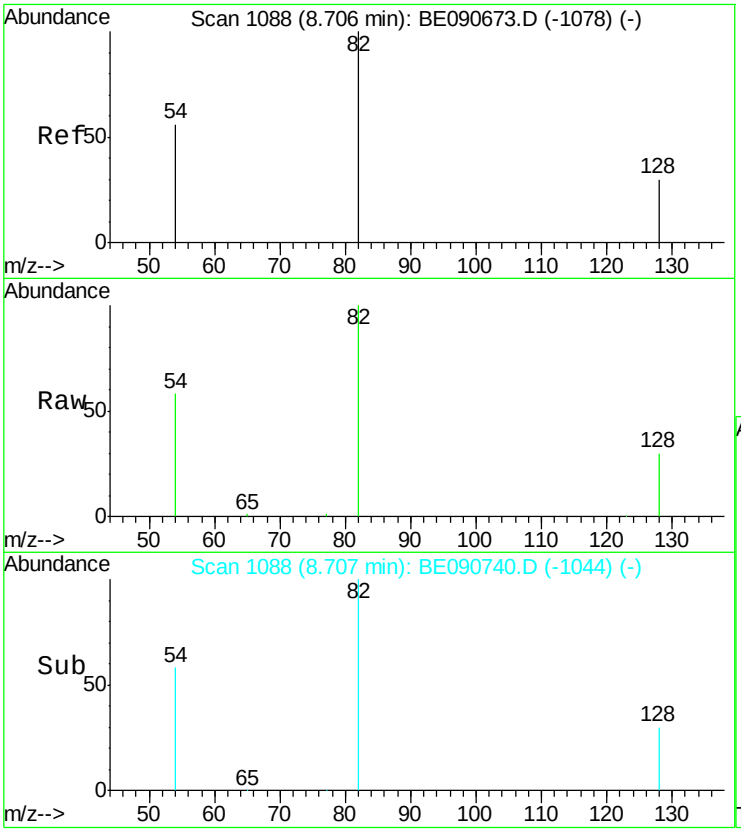


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:136 Resp: 197420

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.7	9.0	13.6
68	8.3	6.3	9.5



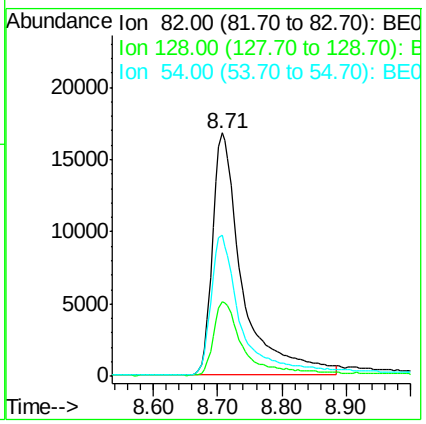


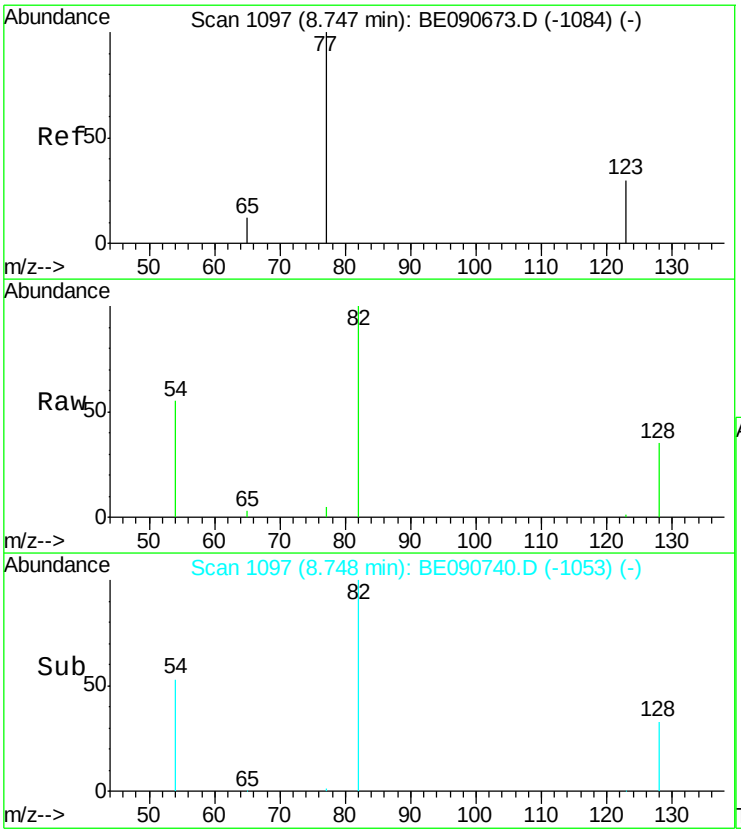
#7
Nitrobenzene-d5
Concen: 4.17 ng
RT: 8.71 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion: 82 Resp: 54395

Ion	Ratio	Lower	Upper
82	100		
128	30.5	25.0	37.4
54	58.1	46.3	69.5

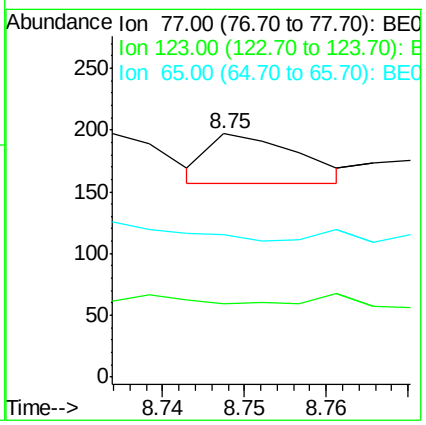


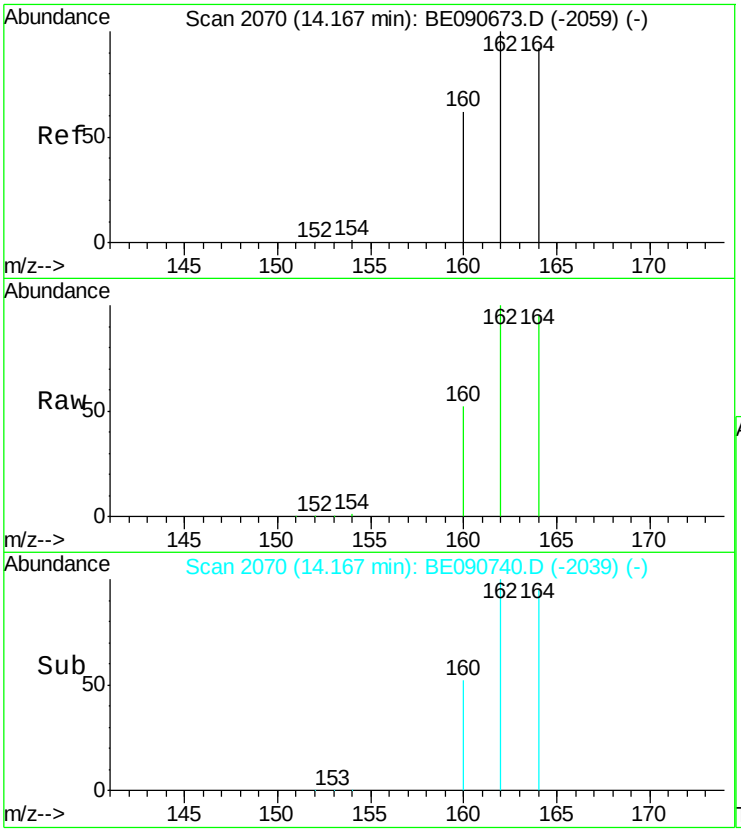


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.75 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion: 77 Resp: 30

Ion	Ratio	Lower	Upper
77	100		
123	33.3	25.1	37.7
65	0.0	9.9	14.9#



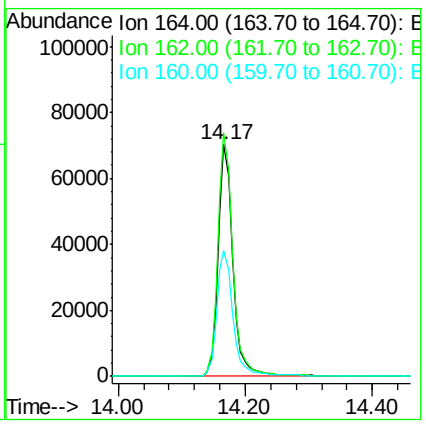


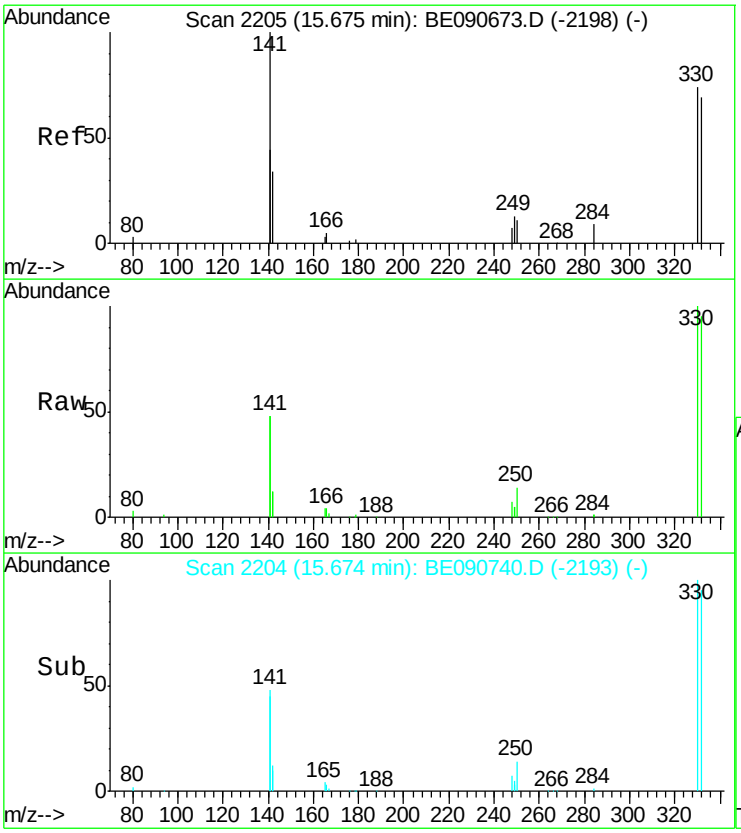
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion:164 Resp: 112299

Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.8	130.2
160	54.5	53.9	80.9

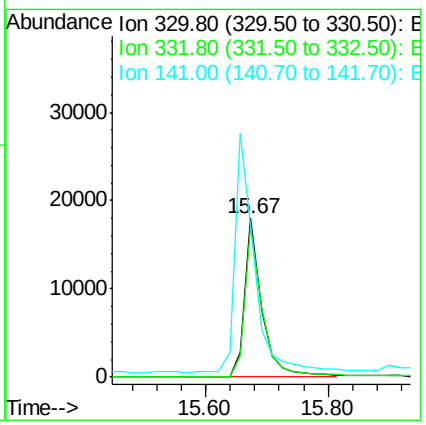


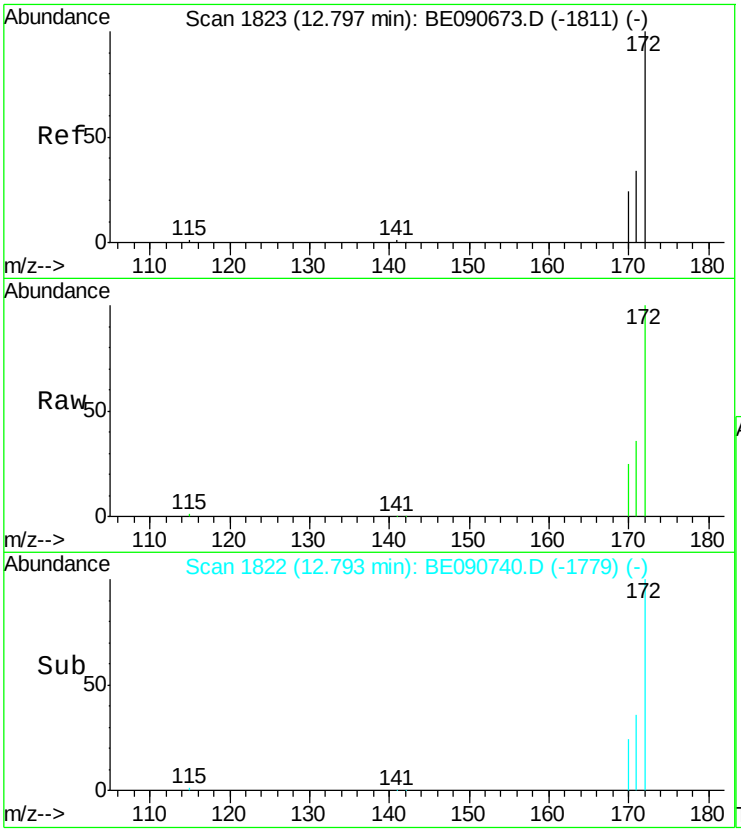


#13
2,4,6-Tribromophenol
Concen: 10.48 ng
RT: 15.67 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:330 Resp: 34724

Ion	Ratio	Lower	Upper
330	100		
332	96.4	74.9	112.3
141	171.6	145.2	217.8



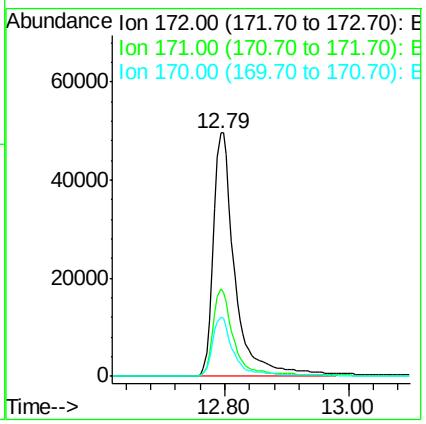


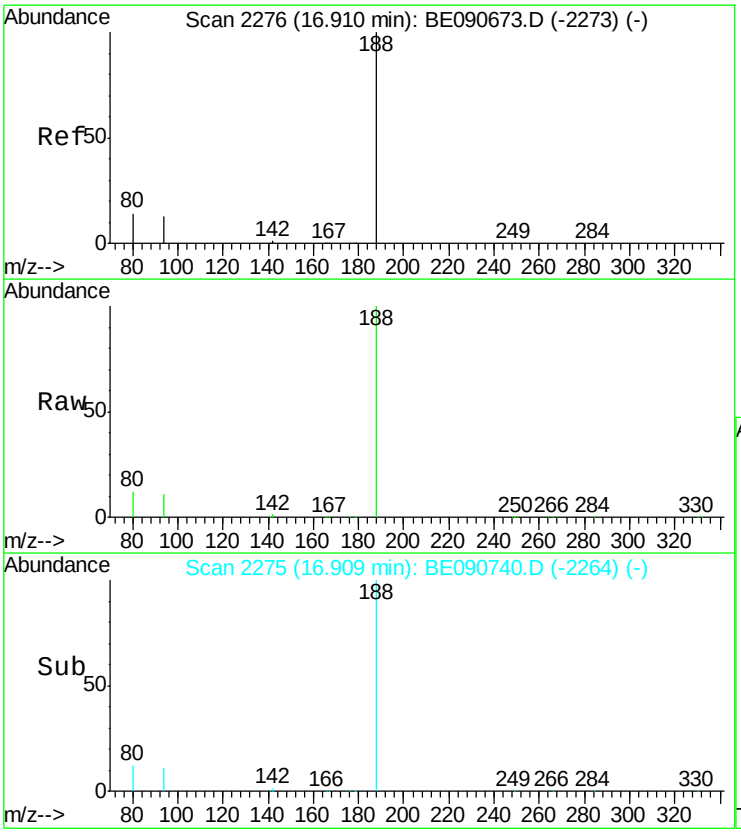
#14
2-Fluorobiphenyl
Concen: 3.88 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion:172 Resp: 120547

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.8	41.8
170	24.5	19.8	29.6

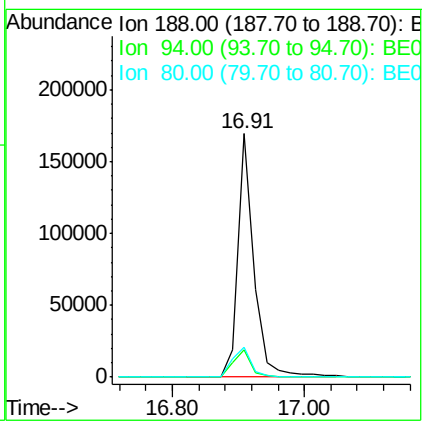


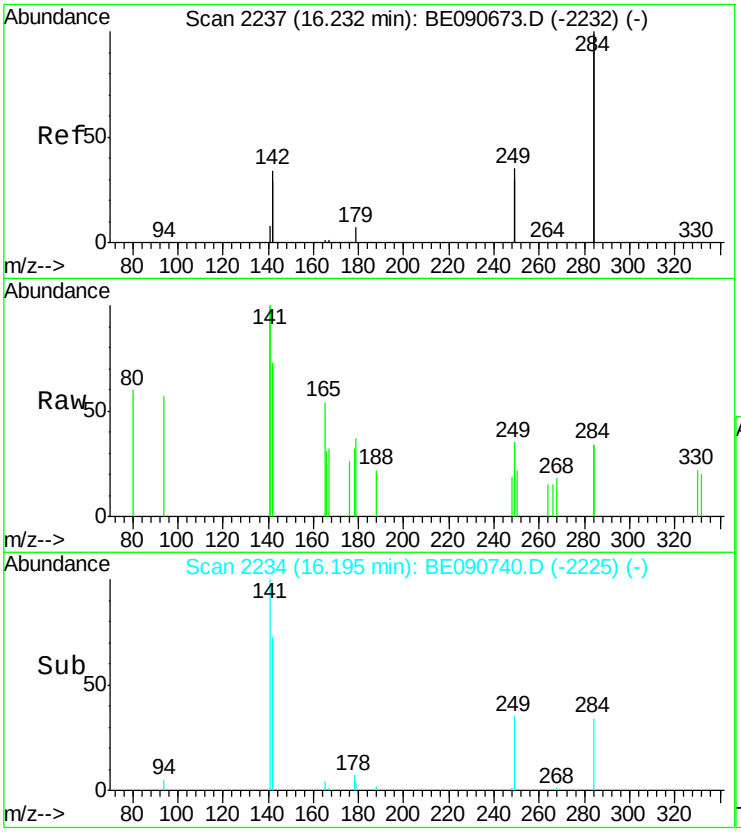


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:188 Resp: 283280

Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.3	15.5
80	12.3	11.0	16.6



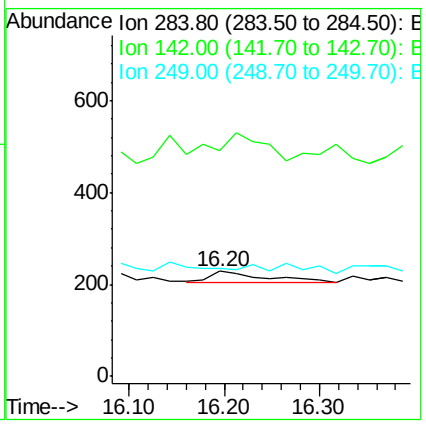


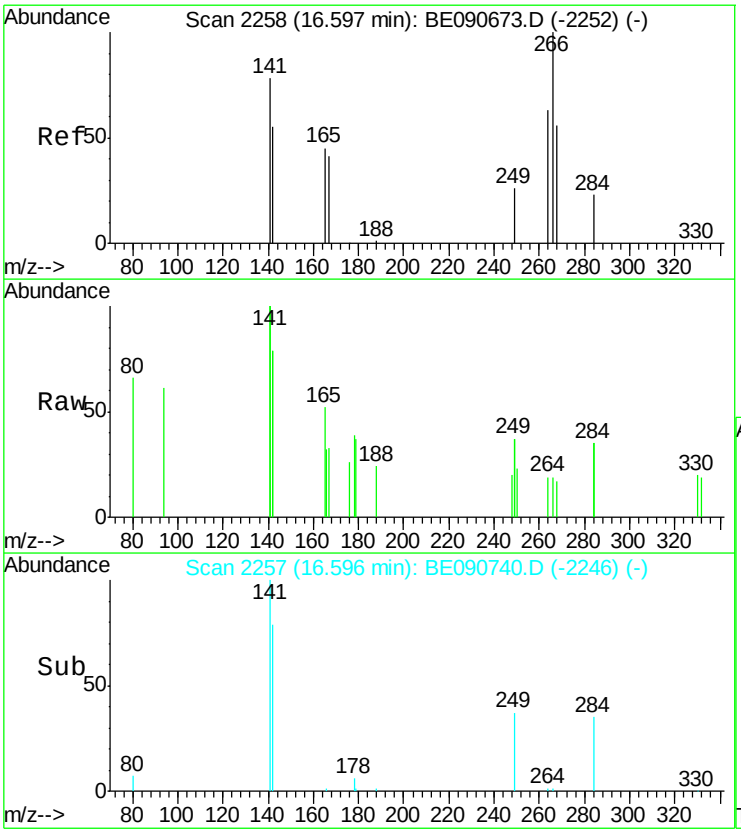
#20
Hexachlorobenzene
Concen: Below Cal
RT: 16.20 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion:284 Resp: 96

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

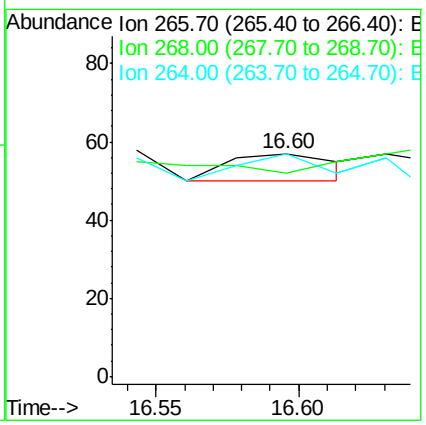


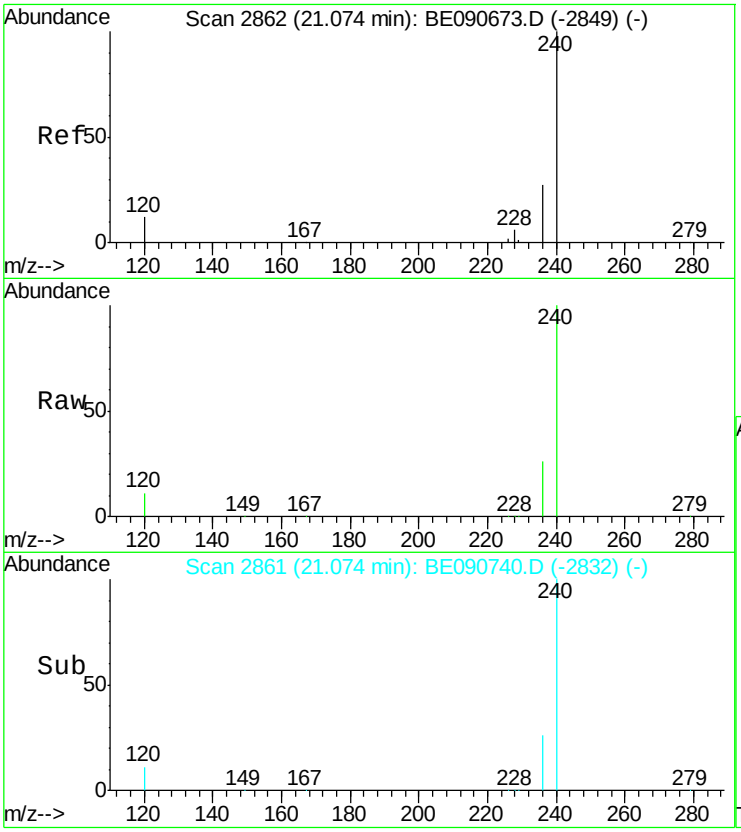


#21
Pentachlorophenol
Concen: 0.46 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
268	91.2	49.6	74.4#
264	100.0	53.9	80.9#



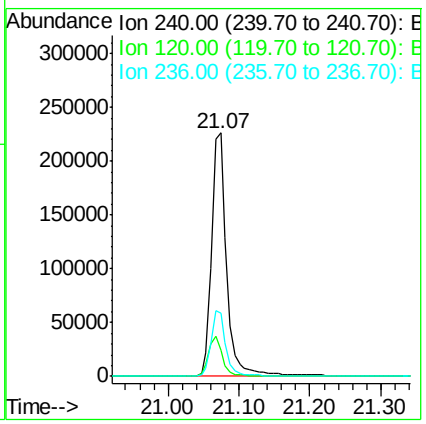


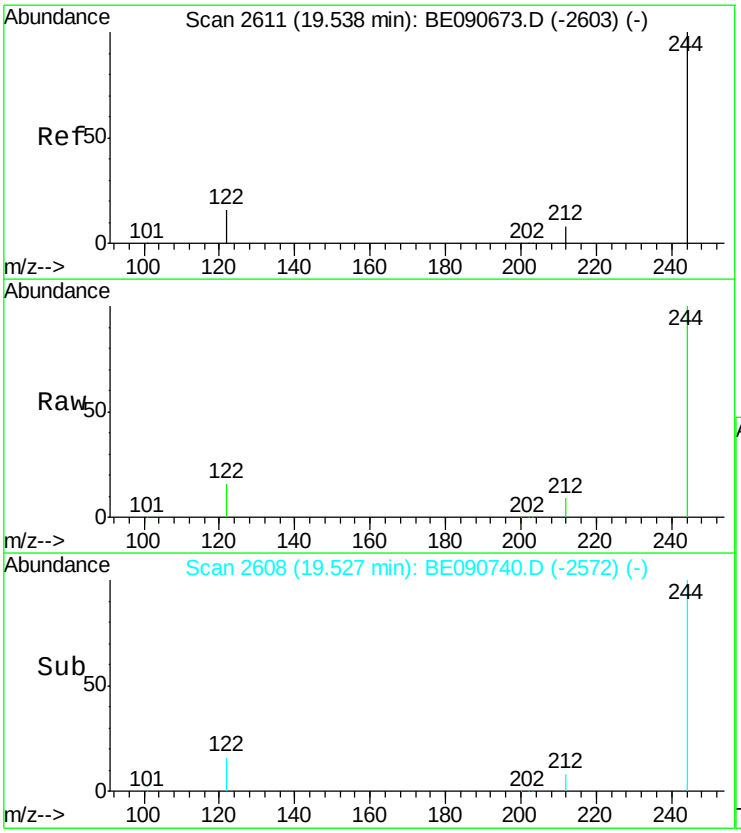
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion:240 Resp: 336011

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.1	15.1
236	26.1	21.9	32.9

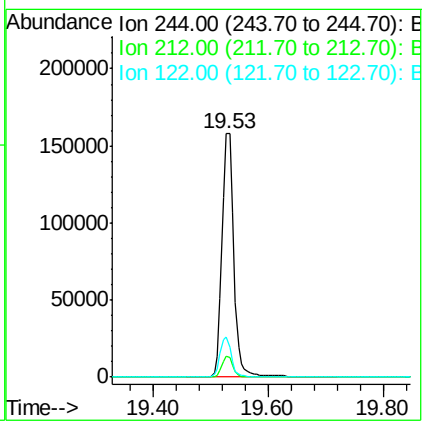


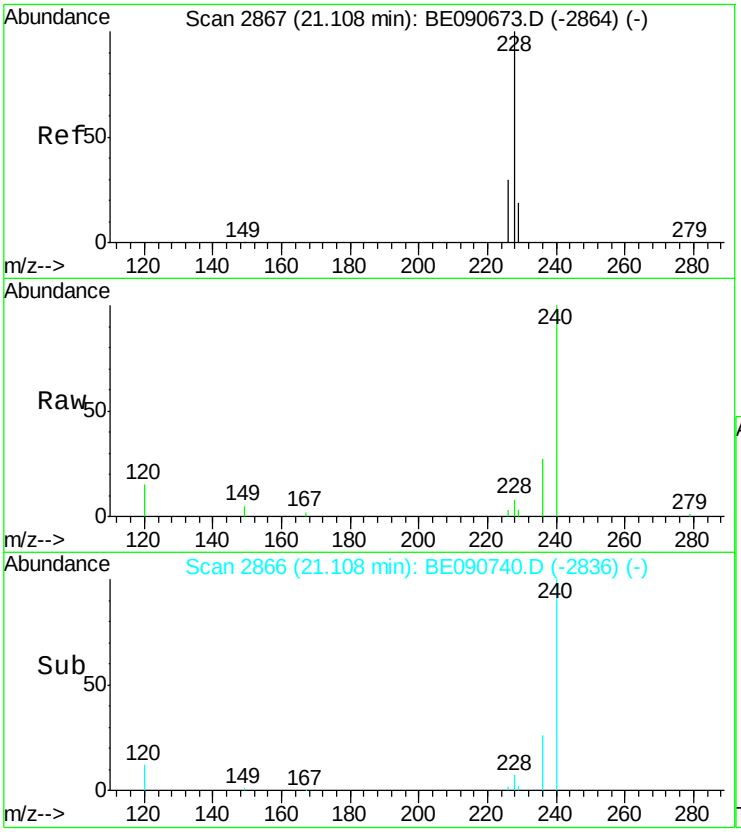


#27
Terphenyl-d14
Concen: 6.10 ng
RT: 19.53 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:244 Resp: 226600

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	16.3	12.9	19.3



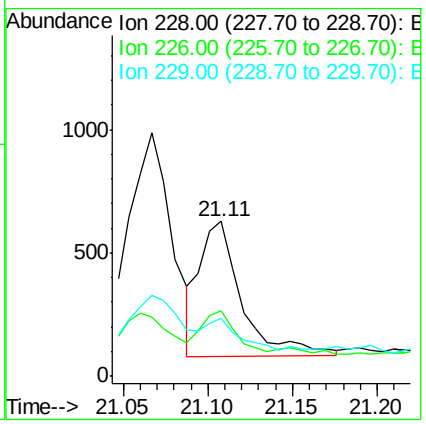


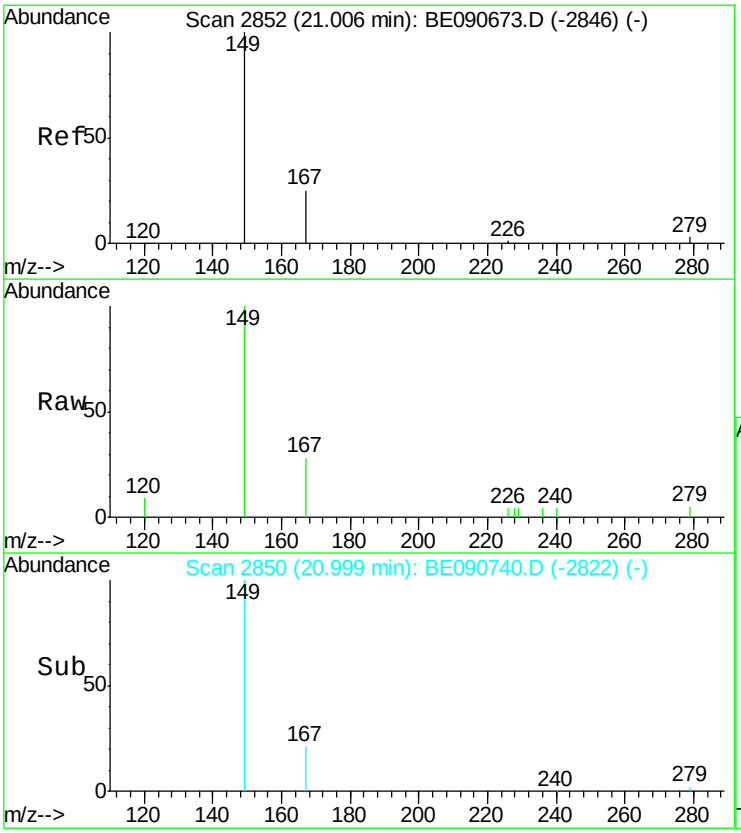
#29
Chrysene
Concen: Below Cal
RT: 21.11 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion:228 Resp: 944

Ion	Ratio	Lower	Upper
228	100		
226	42.3	24.2	36.4#
229	37.8	15.3	22.9#

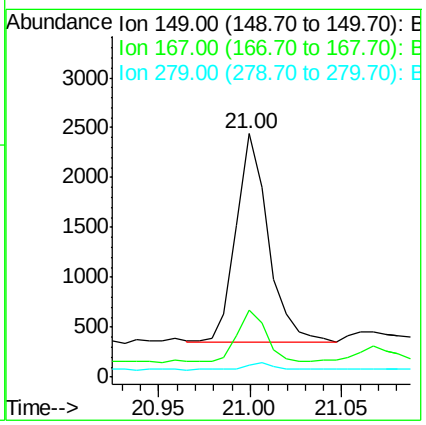


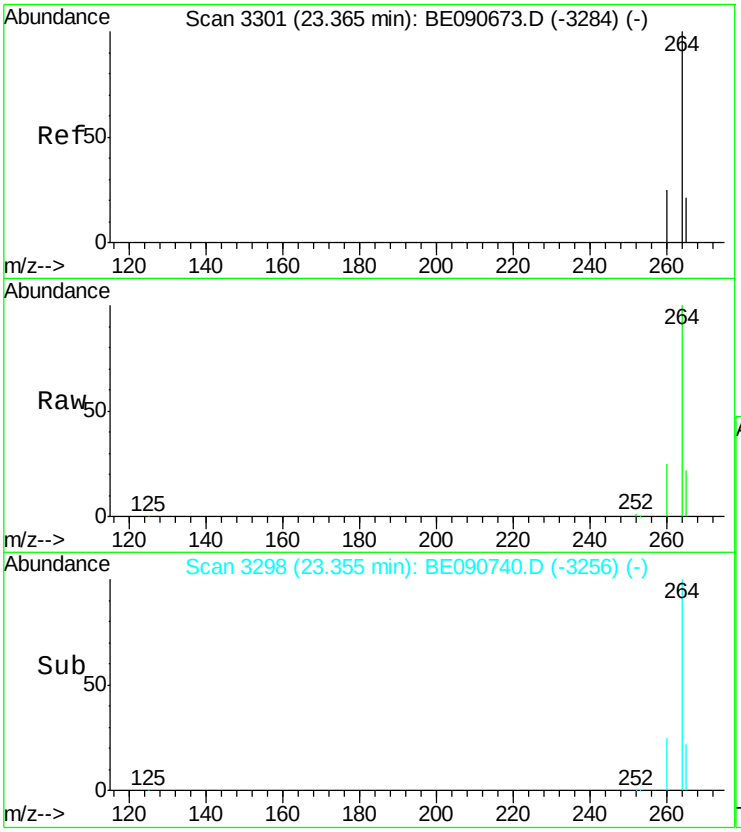


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:149 Resp: 2534

Ion	Ratio	Lower	Upper
149	100		
167	22.3	20.1	30.1
279	3.6	2.3	3.5#



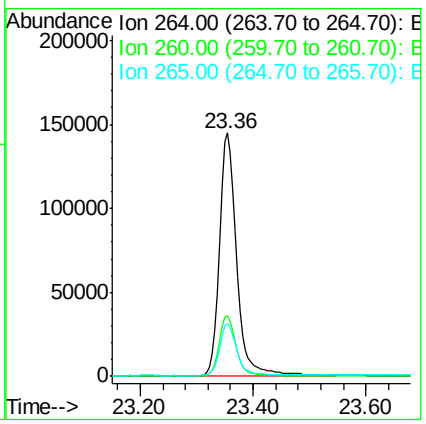


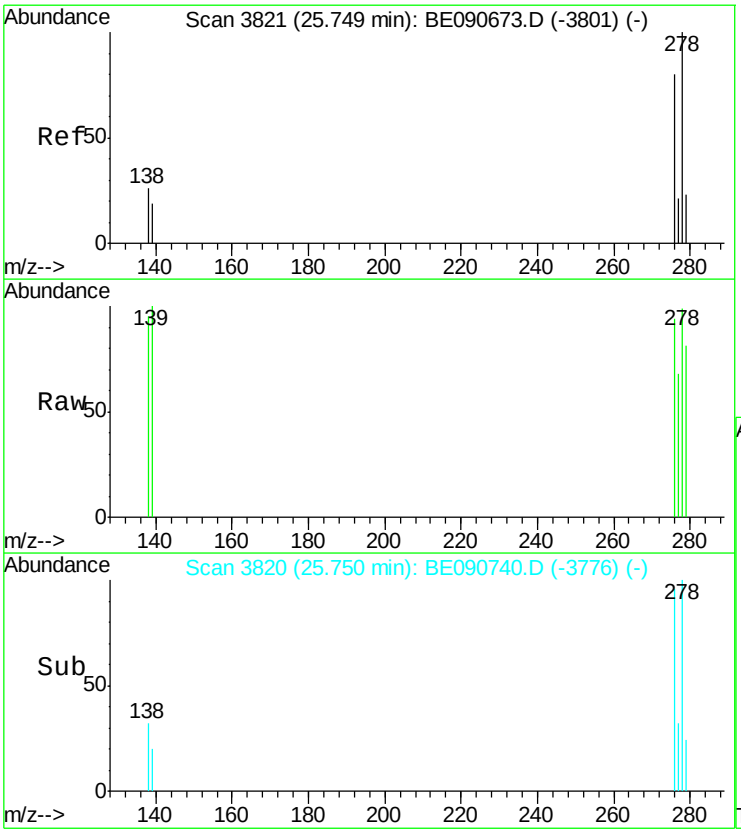
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Instrument :
BNA_E
ClientSampleId :
090315-D534-F-D-B

Tgt Ion:264 Resp: 309140

Ion	Ratio	Lower	Upper
264	100		
260	25.1	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# 3820
Delta R.T. 0.00 min
Lab File: BE090740.D
Acq: 4 Sep 2015 21:30

Tgt Ion:278 Resp: 270

Ion	Ratio	Lower	Upper
278	100		
139	101.4	15.4	23.0#
279	81.8	18.8	28.2#