Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090484.D
Acq On : 13 Aug 2015 1:23
Operator : UM/IZ
Sample : PB84969BL
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 13 02:31:24 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	19465	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	87707	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51282	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	123467	5.00	ng	0.00
25) Chrysene-d12	21.09	240	135077	5.00	ng	0.00
32) Perylene-d12	23.40	264	120915	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	35712	12.23	ng	0.00
5) Phenol-d6	6.77	99	52393	8.26	ng	0.00
7) Nitrobenzene-d5	8.73	82	22676	3.25	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	12617	8.03	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	54462	3.86	ng	0.00
27) Terphenyl-d14	19.55	244	93258	4.69	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	42	Below Cal	#	23
8) Nitrobenzene	8.78	77	17	0.21	ng #	66
10) Hexachlorobutadiene	10.66	225	2	Below Cal	#	3
21) Pentachlorophenol	16.65	266	8	0.10	ng #	68
30) Bis(2-ethylhexyl)phthalate	21.03	149	55	0.12	ng #	83
31) Indeno(1,2,3-cd)pyrene	25.79	276	23	0.25	ng #	50
33) Benzo(b)fluoranthene	22.71	252	36	0.19	ng #	1
35) Benzo(a)pyrene	23.30	252	44	0.23	ng #	1
36) Dibenzo(a,h)anthracene	25.82	278	18	0.28	ng #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
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Acq On : 13 Aug 2015 1:23
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Sample : PB84969BL
Misc :
ALS Vial : 48 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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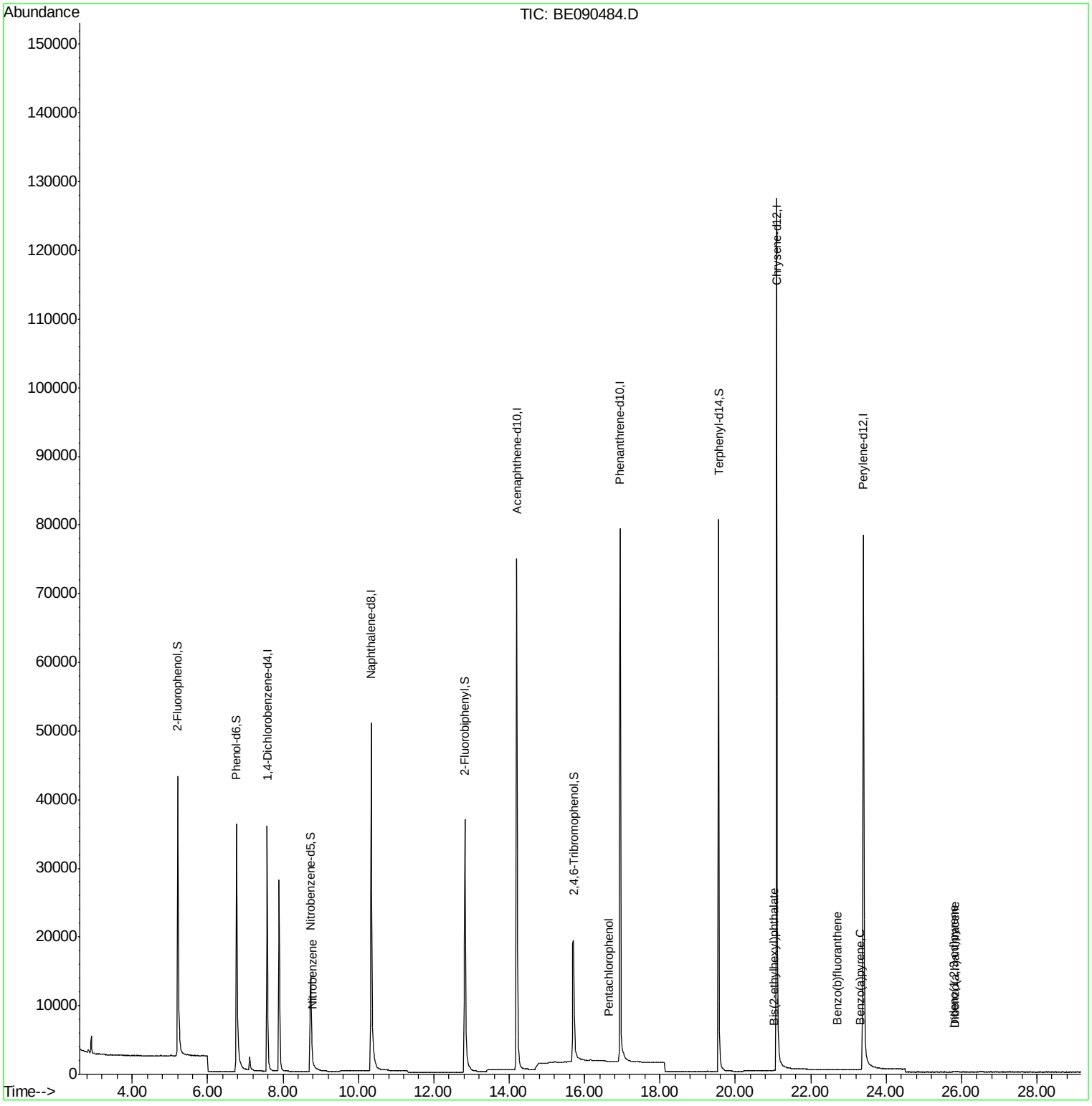
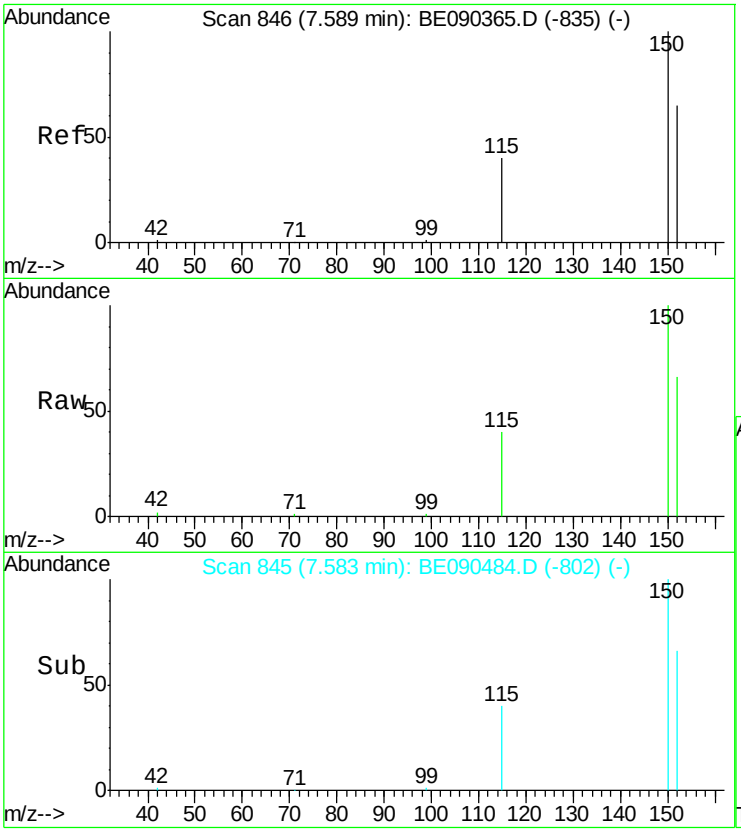


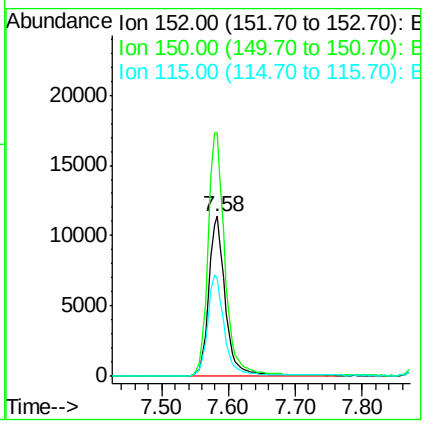


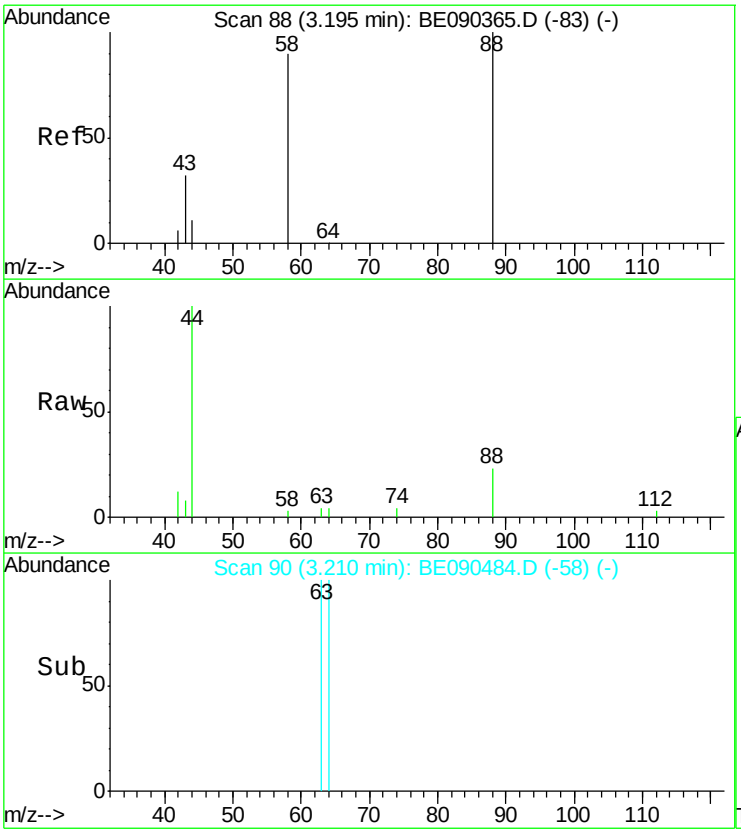
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 19465

Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.0	184.4
115	61.0	48.9	73.3

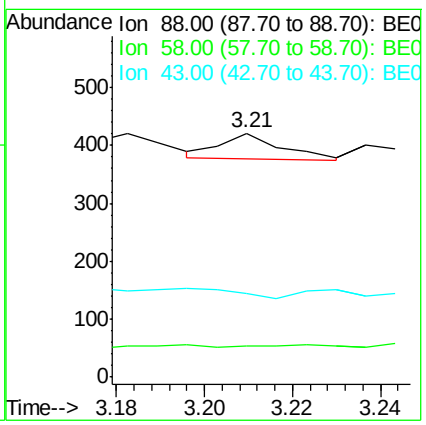


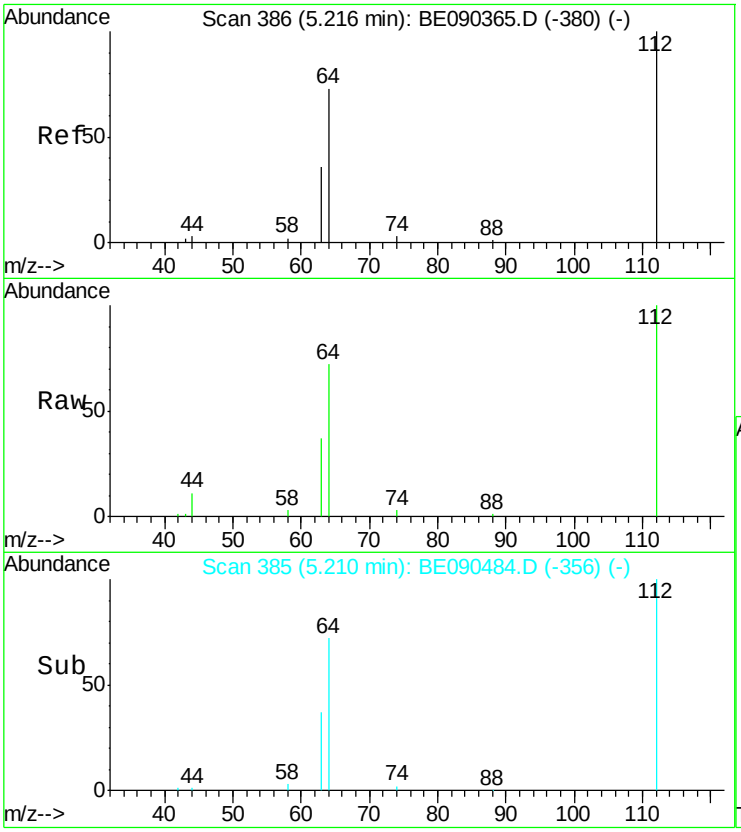


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.21 min Scan# 90
Delta R.T. 0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
58	9.5	70.0	105.0#
43	0.0	28.4	42.6#



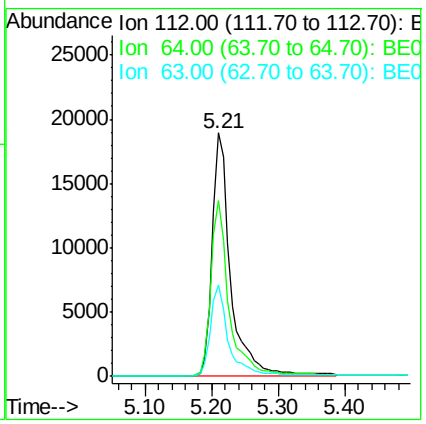


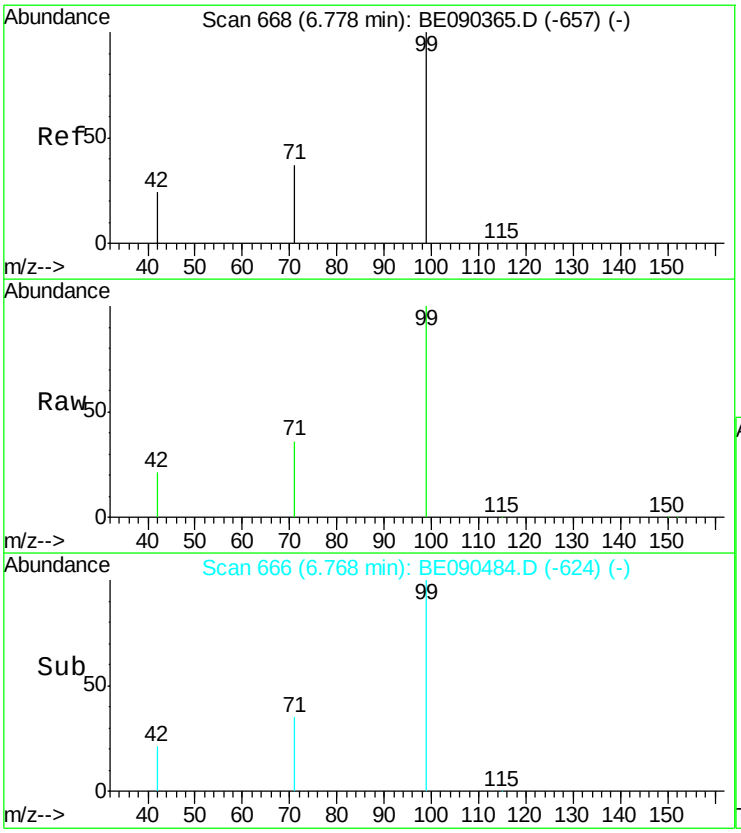
#4
2-Fluorophenol
Concen: 12.23 ng
RT: 5.21 min Scan# 385
Delta R.T. -0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 35712

Ion	Ratio	Lower	Upper
112	100		
64	70.8	37.1	55.7#
63	36.3	19.5	29.3#

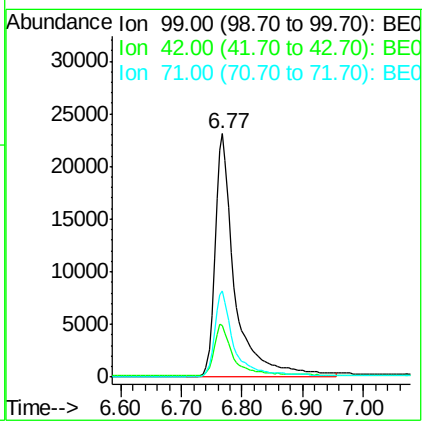


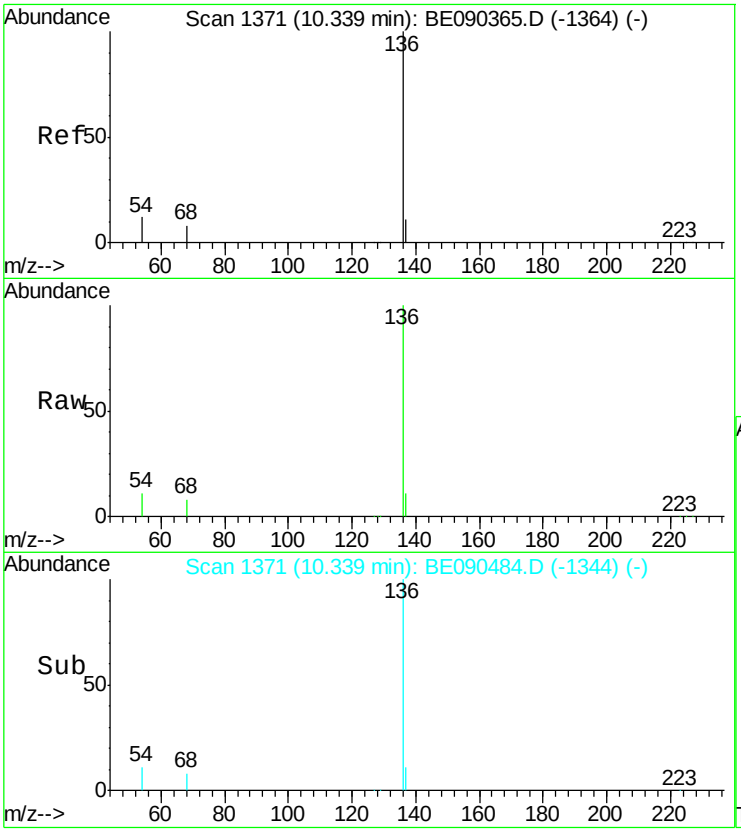


#5
Phenol-d6
Concen: 8.26 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion: 99 Resp: 52393

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.4
71	35.3	27.4	41.0



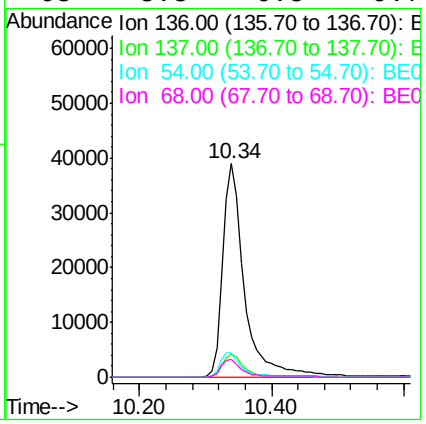


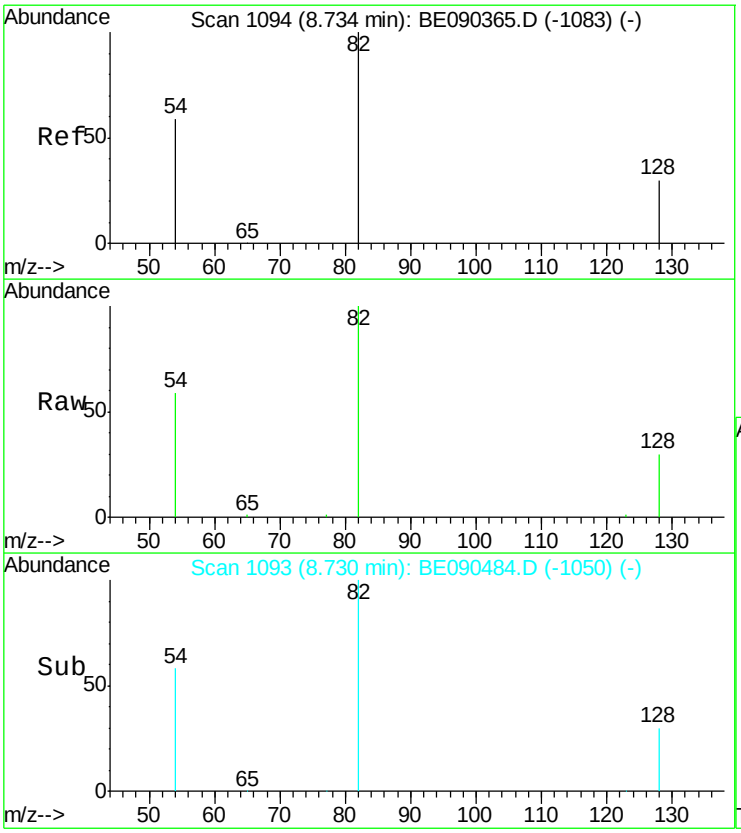
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 87707

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.2	9.4	14.0
68	8.3	6.5	9.7

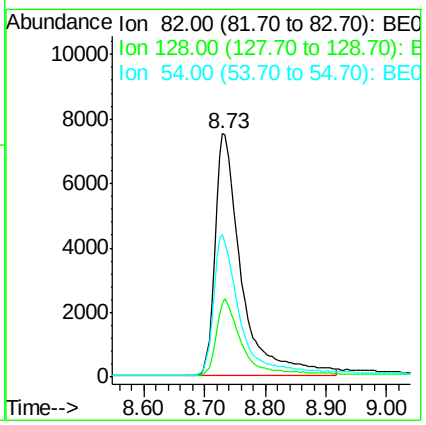


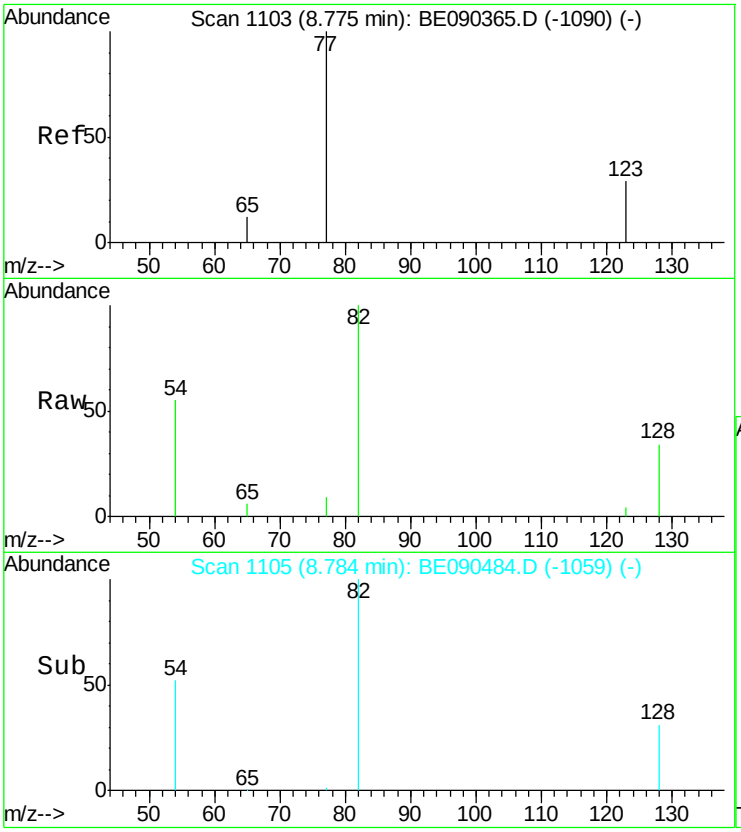


#7
Nitrobenzene-d5
Concen: 3.25 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion: 82 Resp: 22676

Ion	Ratio	Lower	Upper
82	100		
128	30.3	25.0	37.6
54	58.7	48.8	73.2



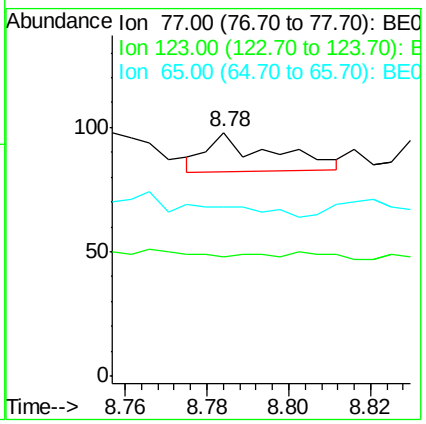


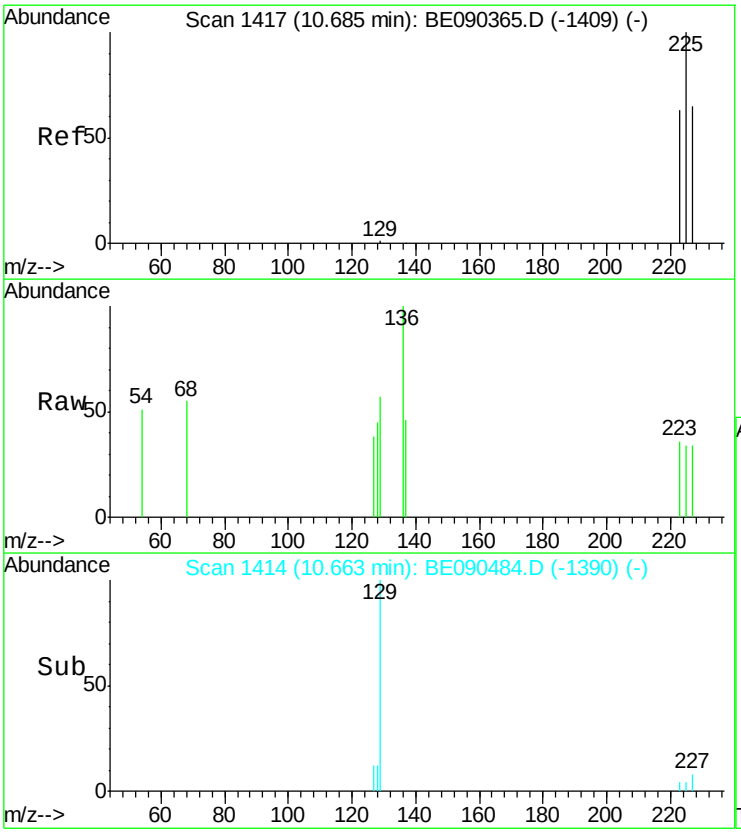
#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.78 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 17

Ion	Ratio	Lower	Upper
77	100		
123	11.8	25.1	37.7#
65	0.0	9.3	13.9#

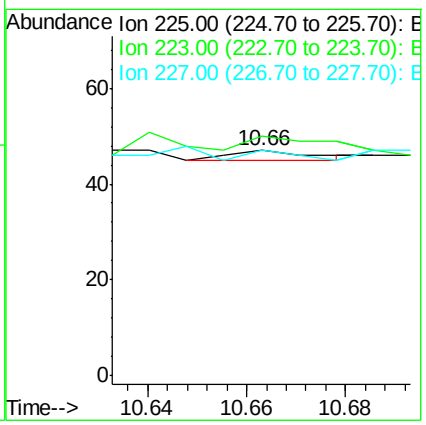


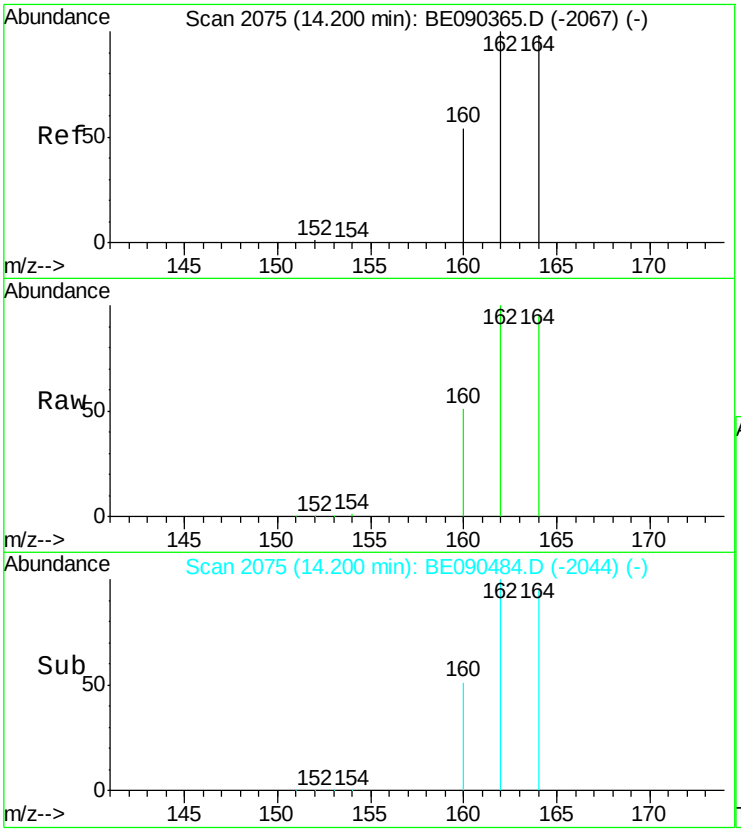


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.66 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	150.0	50.6	75.8#
227	0.0	50.7	76.1#



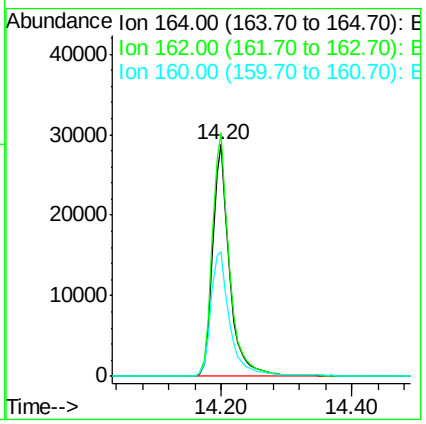


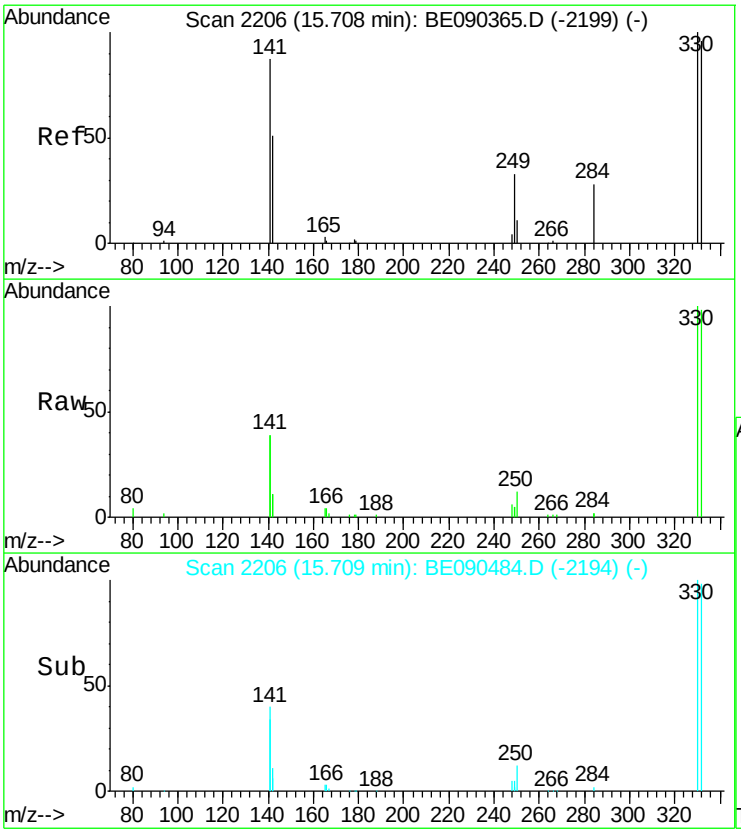
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 51282

Ion	Ratio	Lower	Upper
164	100		
162	104.9	81.8	122.8
160	53.6	44.2	66.4

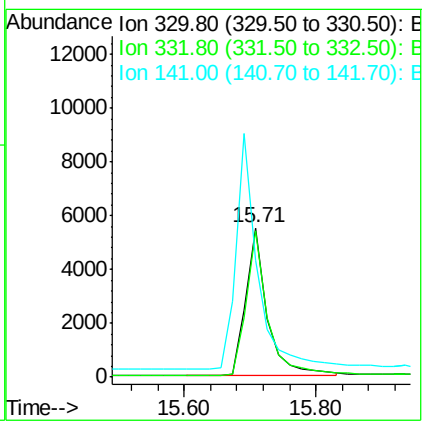


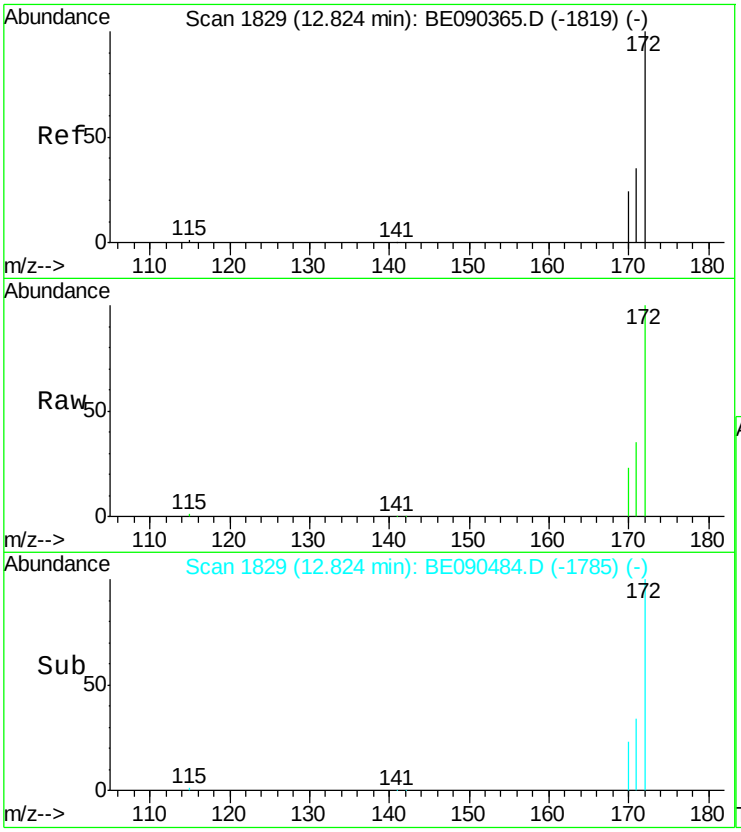


#13
2,4,6-Tribromophenol
Concen: 8.03 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:330 Resp: 12617

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.6
141	160.5	114.4	171.6



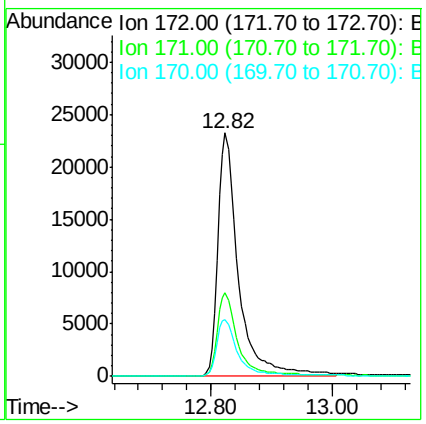


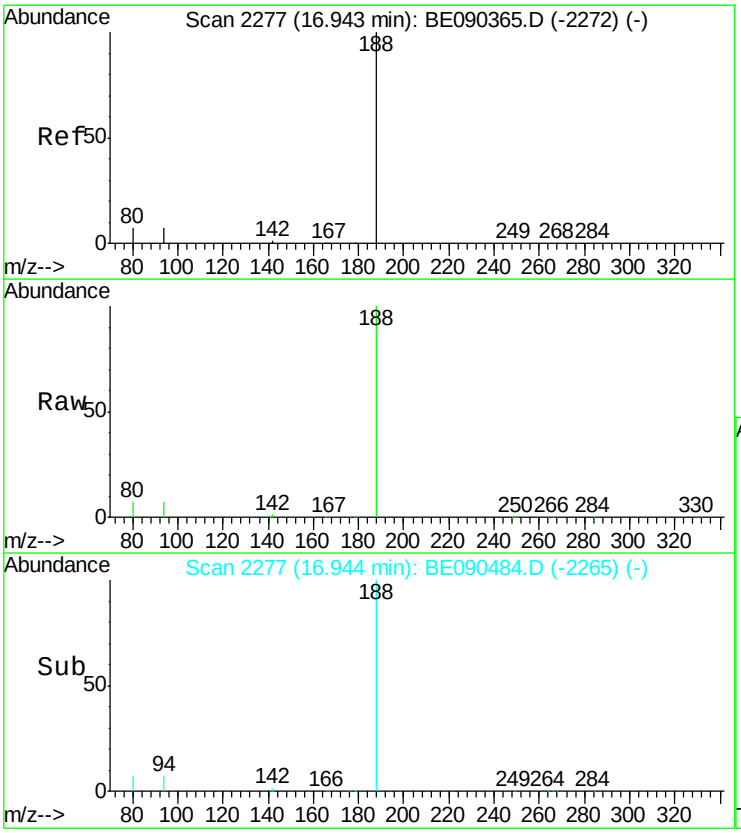
#14
2-Fluorobiphenyl
Concen: 3.86 ng
RT: 12.82 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 54462

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.5	19.8	29.8

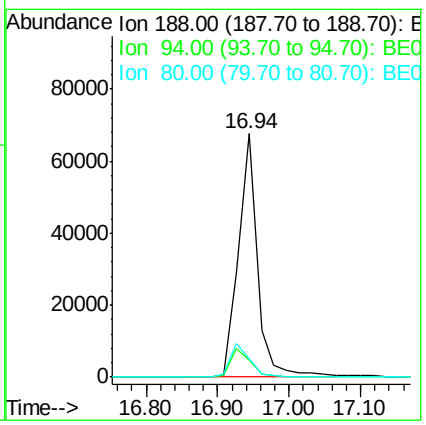


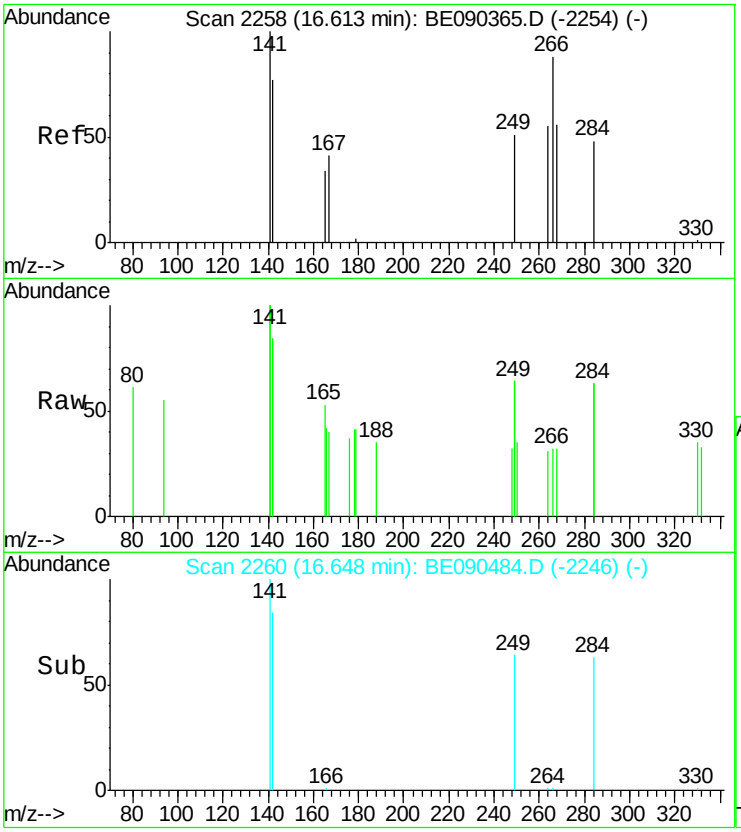


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:188 Resp: 123467

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	7.3	5.8	8.8



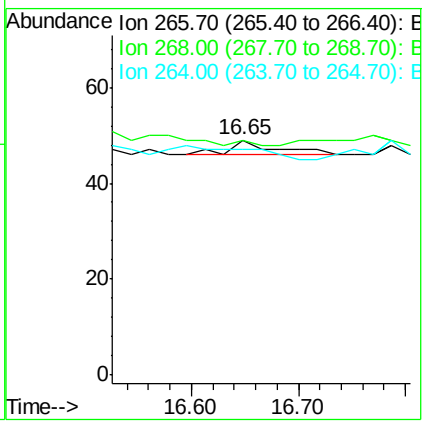


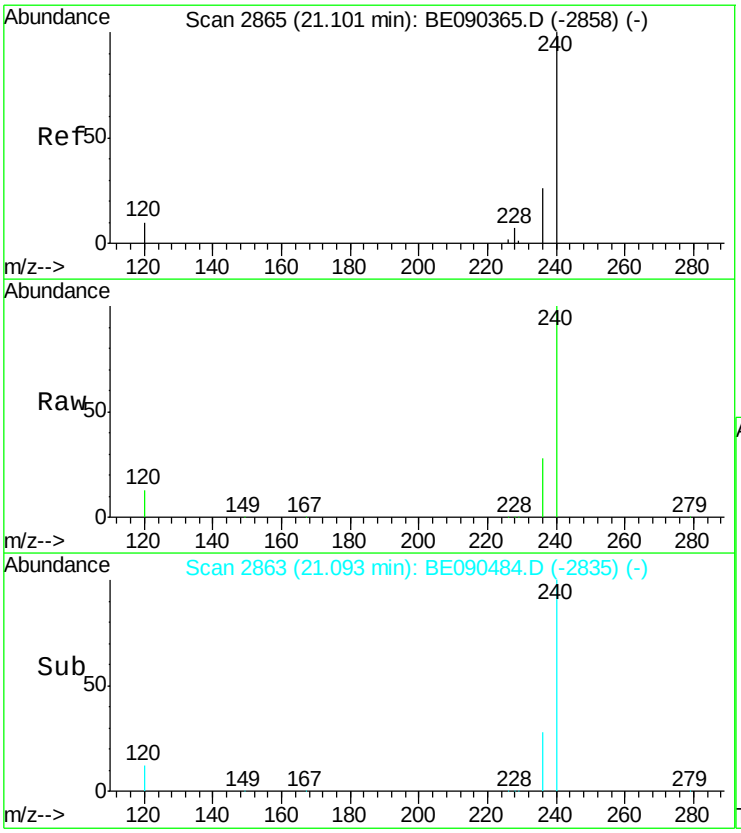
#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.65 min Scan# 2260
Delta R.T. 0.04 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
268	100.0	58.5	87.7#
264	95.9	56.0	84.0#

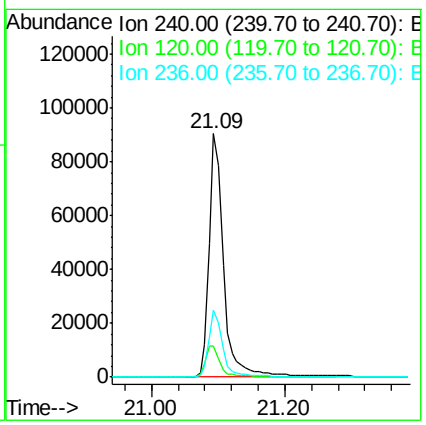


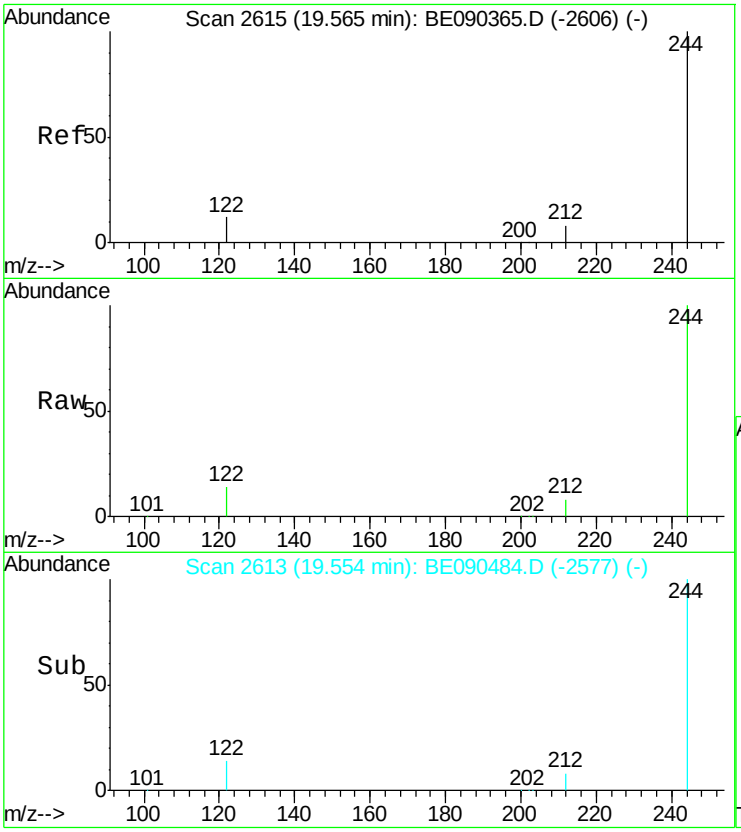


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:240 Resp: 135077

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	27.6	21.0	31.4



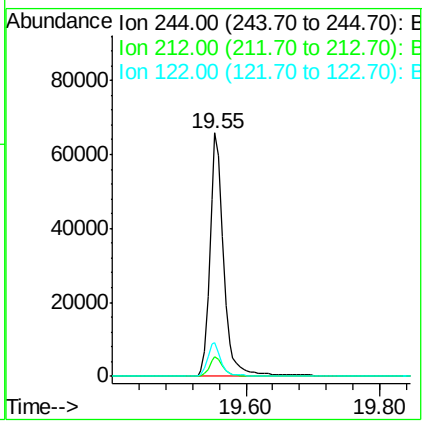


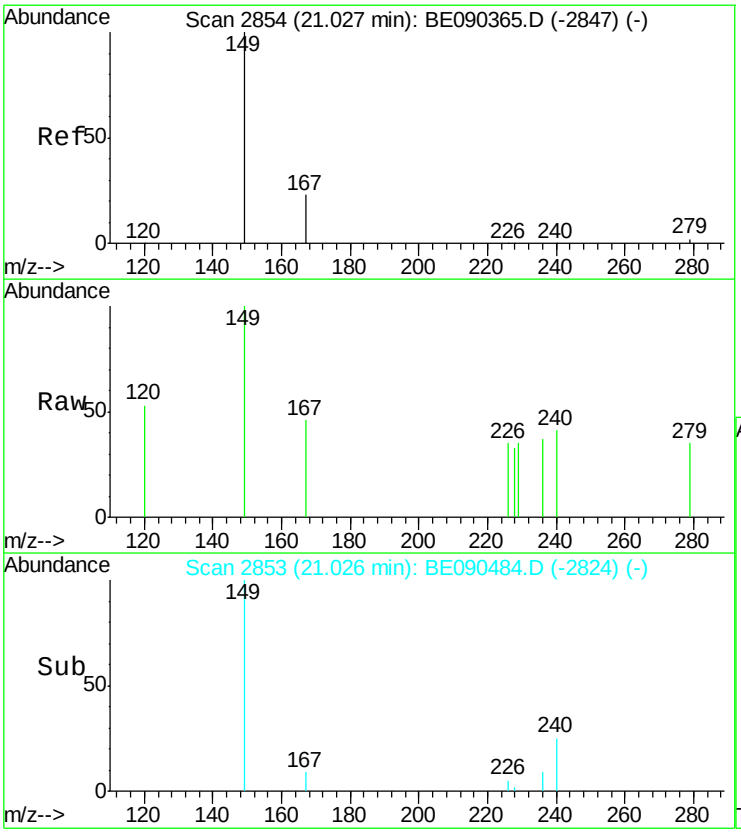
#27
Terphenyl-d14
Concen: 4.69 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 93258

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	13.6	10.2	15.4

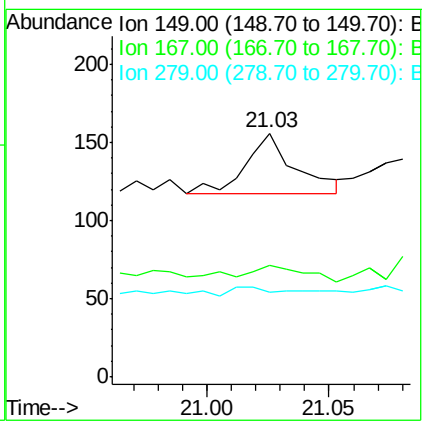


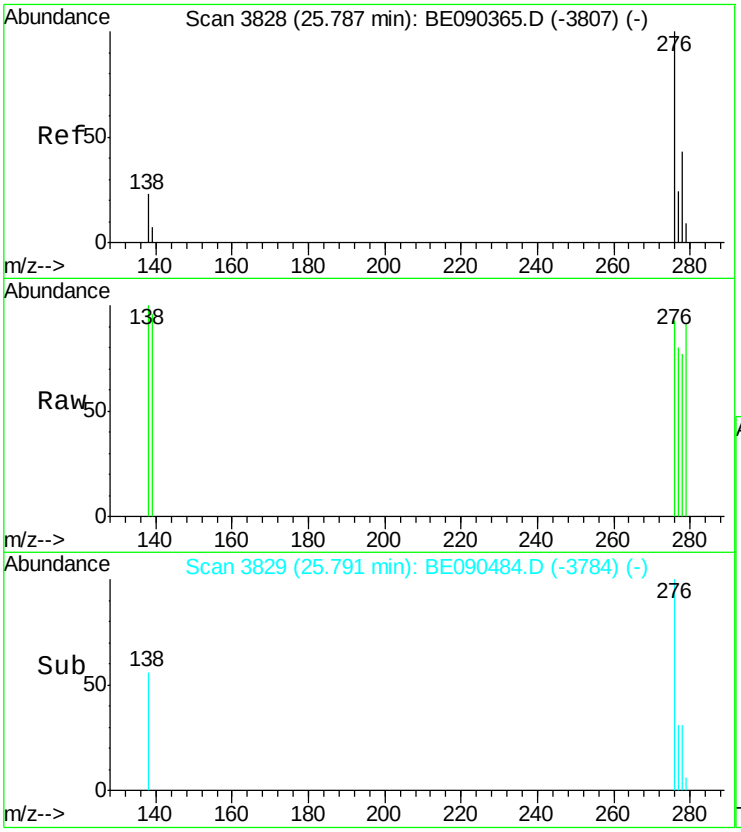


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:149 Resp: 55

Ion	Ratio	Lower	Upper
149	100		
167	32.7	19.8	29.8#
279	10.9	2.4	3.6#



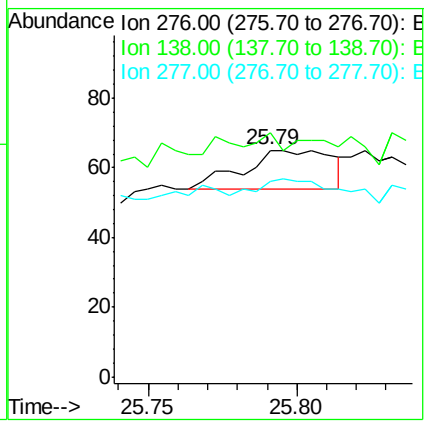


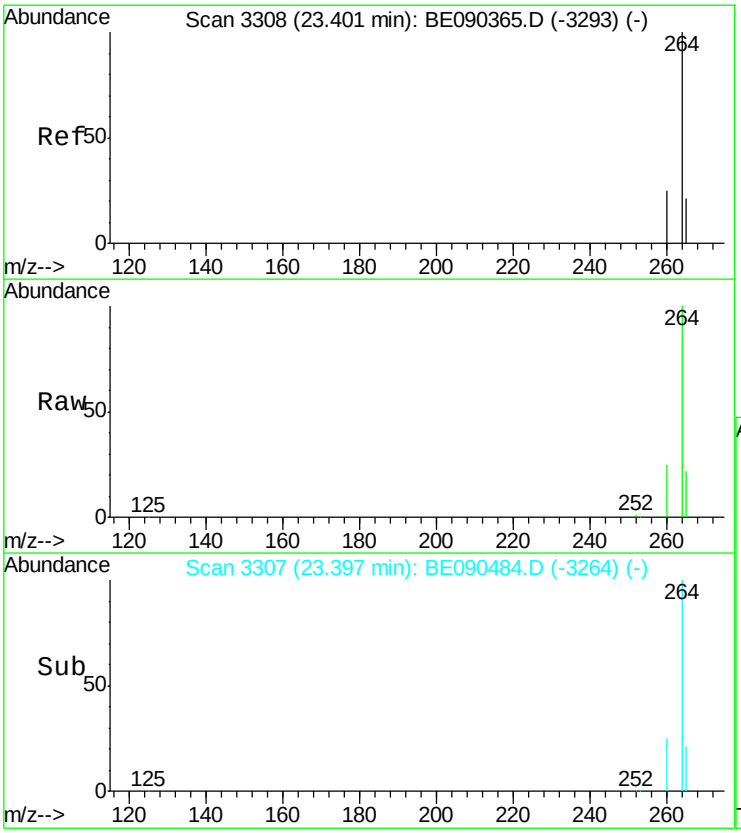
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 23

Ion	Ratio	Lower	Upper
276	100		
138	8.7	18.8	28.2#
277	56.5	18.2	27.4#

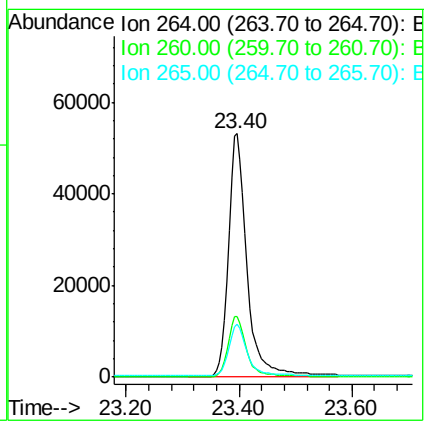


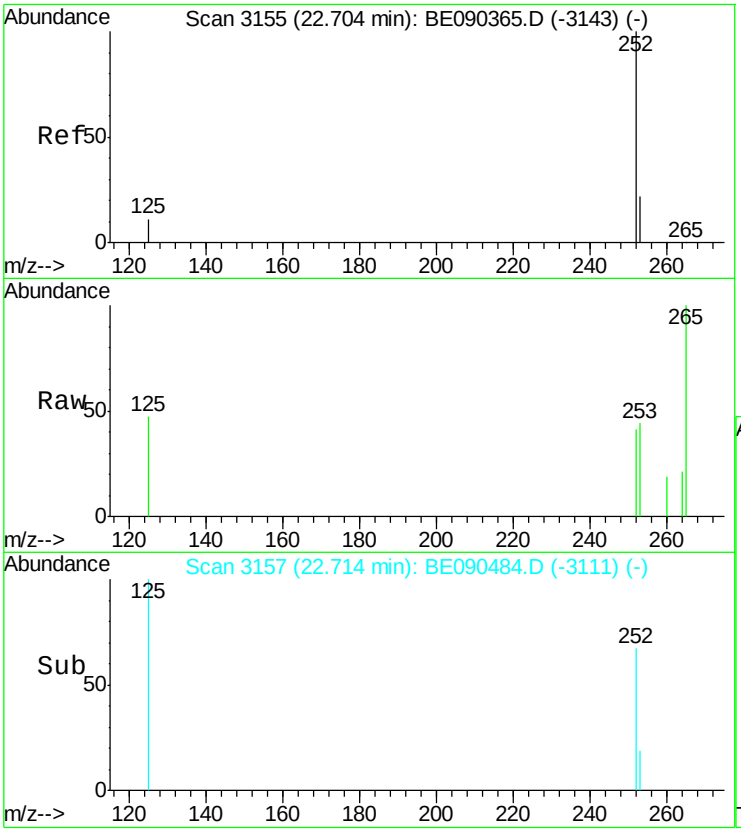


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:264 Resp: 120915

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.0	17.2	25.8



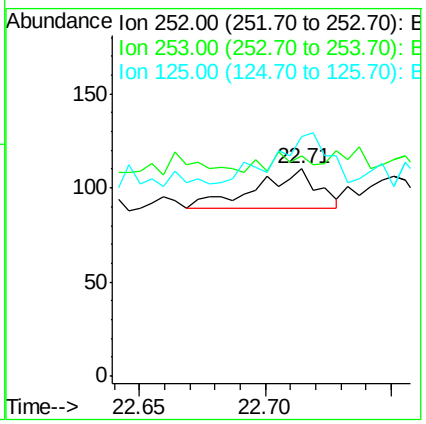


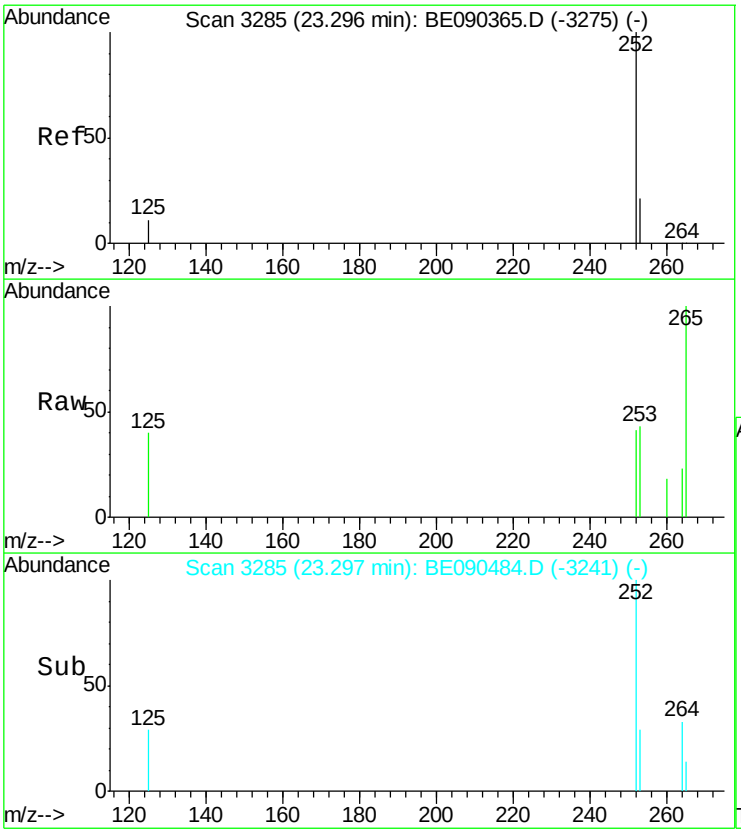
#33
Benzo(b)fluoranthene
Concen: 0.19 ng
RT: 22.71 min Scan# 3157
Delta R.T. 0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 36

Ion	Ratio	Lower	Upper
252	100		
253	106.4	18.1	27.1#
125	115.5	9.4	14.2#

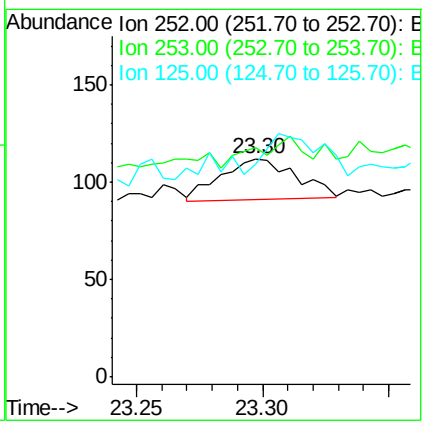


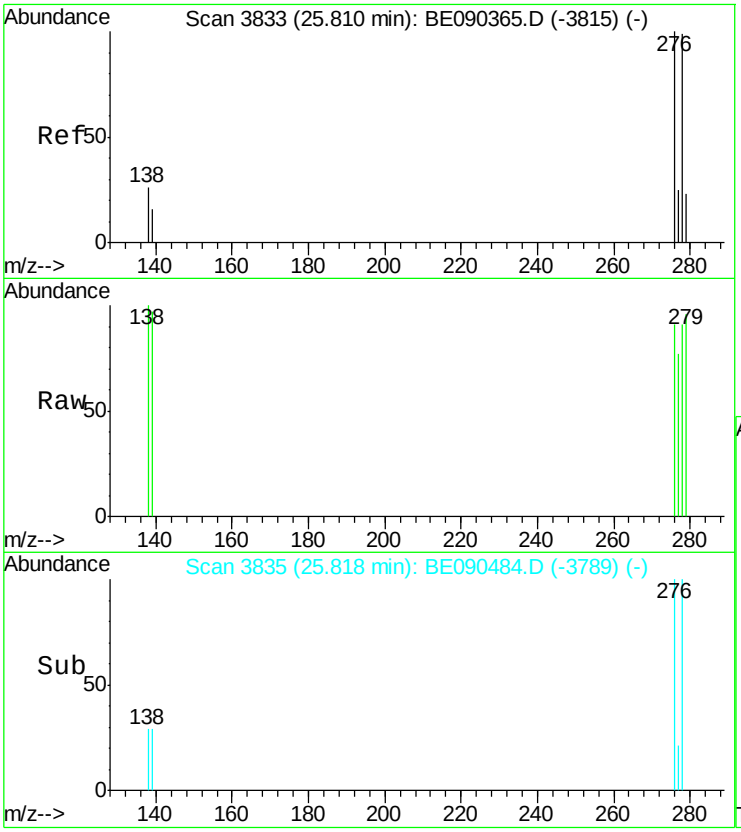


#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.30 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Tgt Ion:252 Resp: 44

Ion	Ratio	Lower	Upper
252	100		
253	105.4	17.6	26.4#
125	97.3	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.28 ng
RT: 25.82 min Scan# 3835
Delta R.T. 0.01 min
Lab File: BE090484.D
Acq: 13 Aug 2015 1:23

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 18

Ion	Ratio	Lower	Upper
278	100		
139	106.3	14.2	21.4#
279	104.8	20.1	30.1#