Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090470.D
Acq On : 12 Aug 2015 16:44
Operator : UM/IZ
Sample : G3236-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 13 01:20:32 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	20738	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	93571	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	54228	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	127139	5.00	ng	0.00
25) Chrysene-d12	21.09	240	145721	5.00	ng	0.00
32) Perylene-d12	23.40	264	130650	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	19698	6.33	ng	0.00
5) Phenol-d6	6.77	99	19161	3.00	ng	0.00
7) Nitrobenzene-d5	8.73	82	27109	3.62	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	17149	9.49	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	66465	4.46	ng	0.00
27) Terphenyl-d14	19.55	244	125686	5.85	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	31	Below Cal	#	30
8) Nitrobenzene	8.81	77	9	0.21	ng #	36
10) Hexachlorobutadiene	10.55	225	7	Below Cal		91
21) Pentachlorophenol	16.60	266	9	0.10	ng #	61
30) Bis(2-ethylhexyl)phthalate	21.03	149	1851	0.35	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	132	0.26	ng #	65
33) Benzo(b)fluoranthene	22.70	252	239	0.20	ng #	1
35) Benzo(a)pyrene	23.29	252	120	0.23	ng #	1
36) Dibenzo(a,h)anthracene	25.81	278	55	0.29	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 : 12 Aug 2015 16:44
Operator : UM/IZ
Sample : G3236-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

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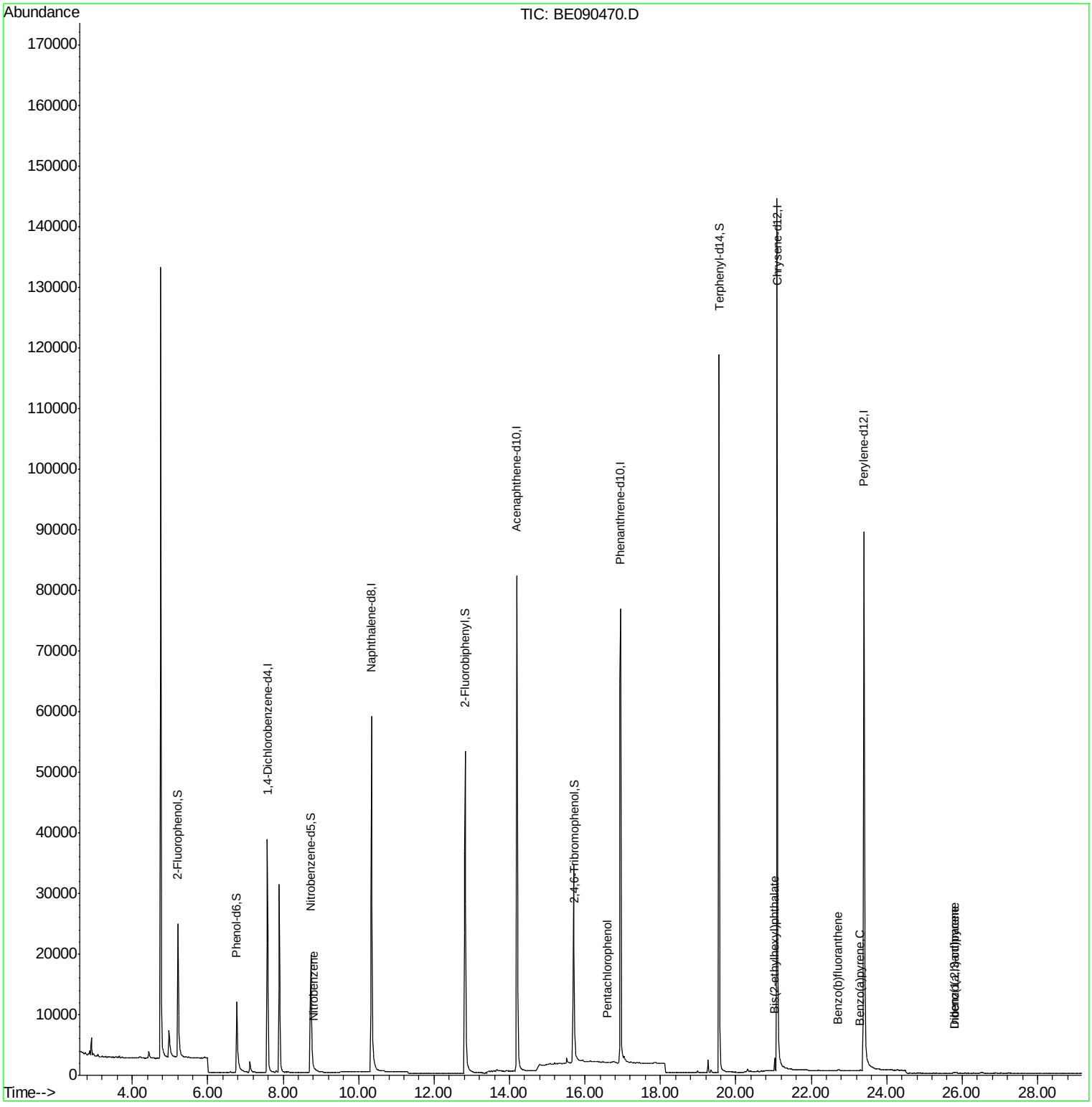
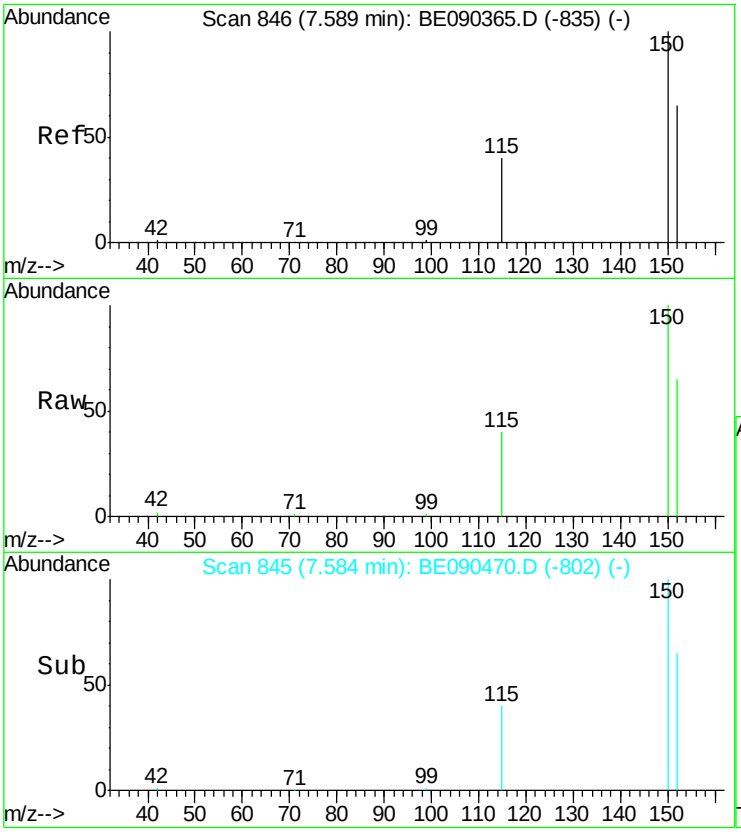
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration



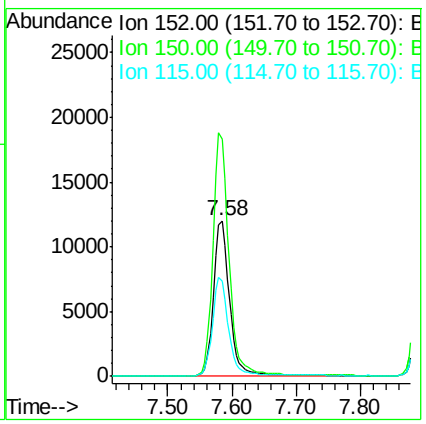


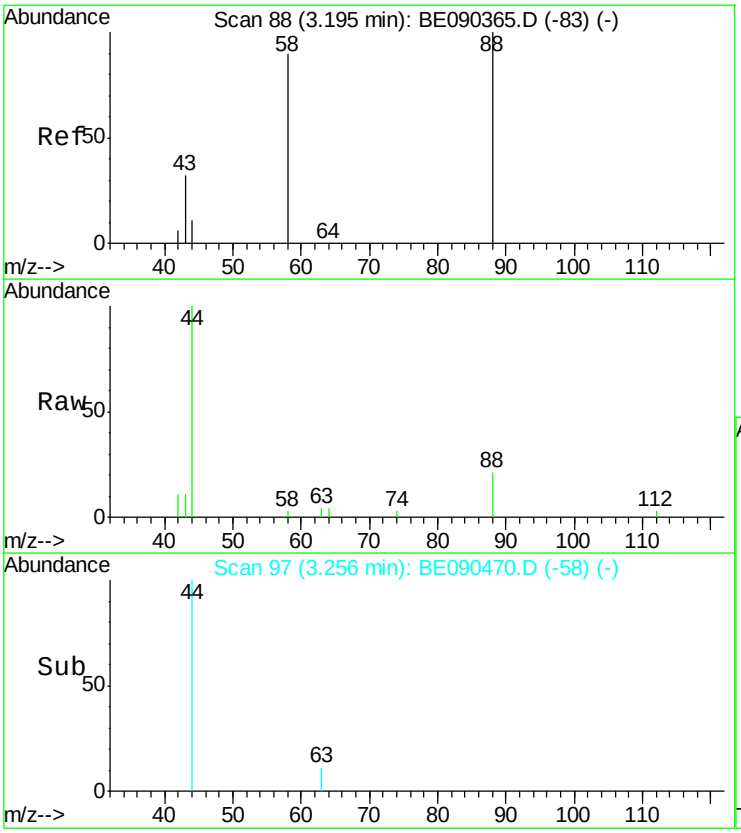
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20738

Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.0	184.4
115	60.8	48.9	73.3

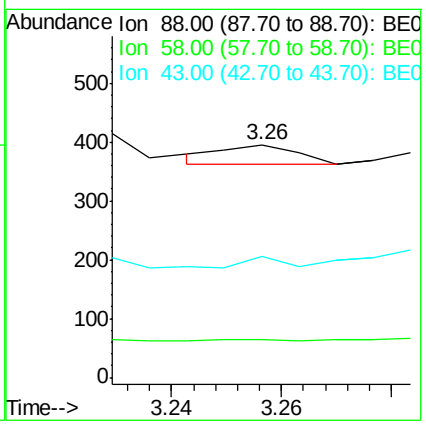


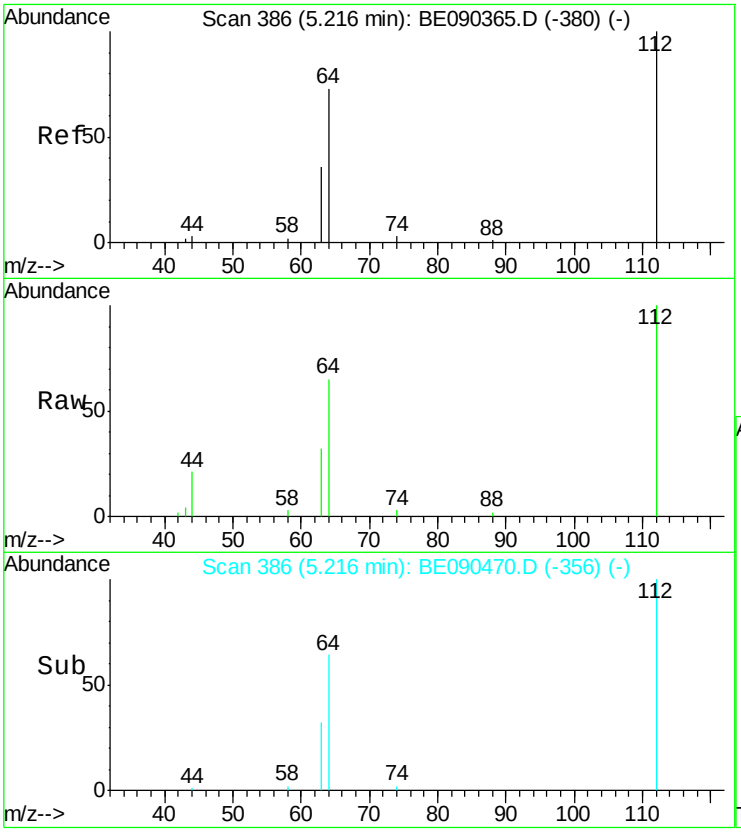


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.26 min Scan# 97
Delta R.T. 0.06 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
58	0.0	70.0	105.0#
43	29.0	28.4	42.6



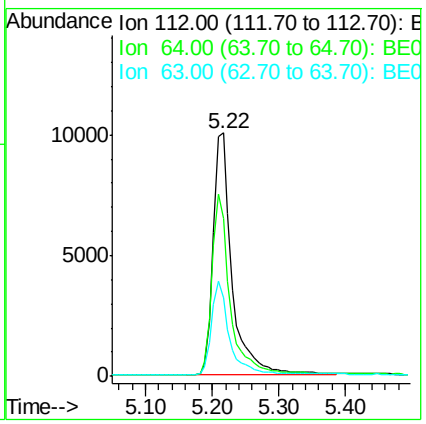


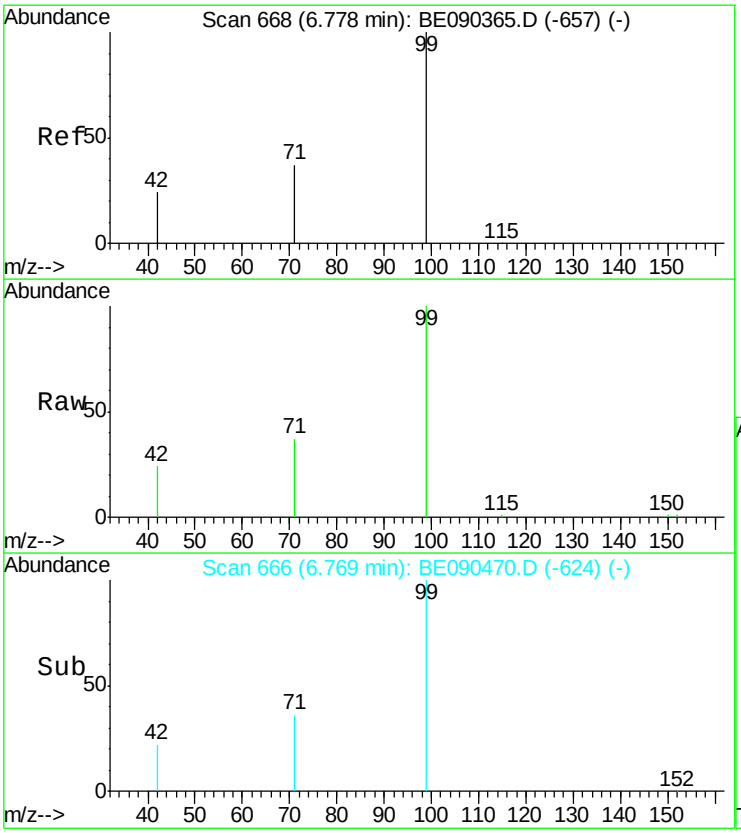
#4
2-Fluorophenol
Concen: 6.33 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 19698

Ion	Ratio	Lower	Upper
112	100		
64	71.3	37.1	55.7#
63	37.0	19.5	29.3#

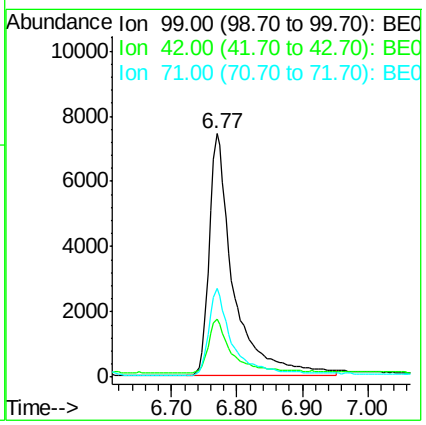


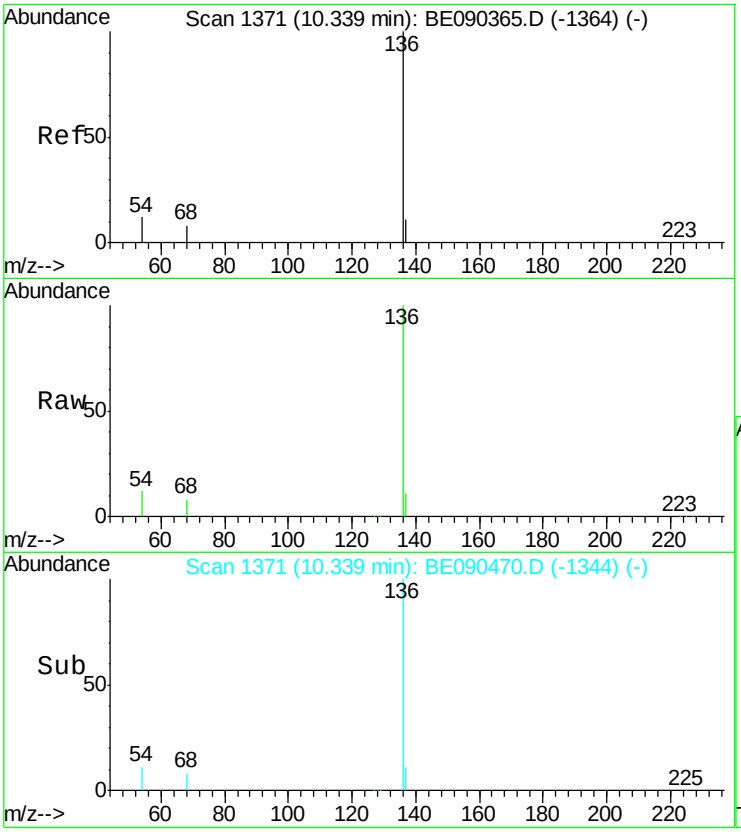


#5
Phenol-d6
Concen: 3.00 ng
RT: 6.77 min Scan# 666
Delta R.T. -0.01 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion: 99 Resp: 19161

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.2	27.4
71	34.9	27.4	41.0



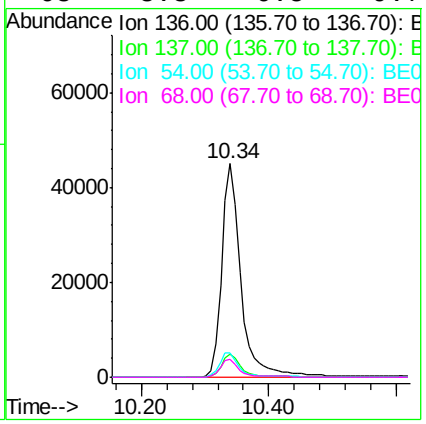


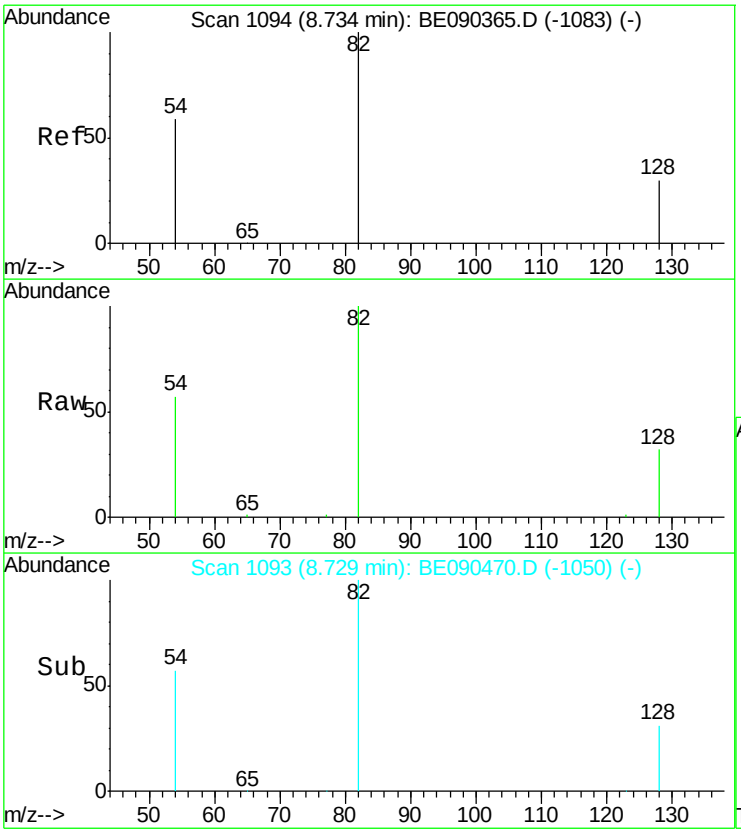
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 93571

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.5	9.4	14.0
68	8.3	6.5	9.7

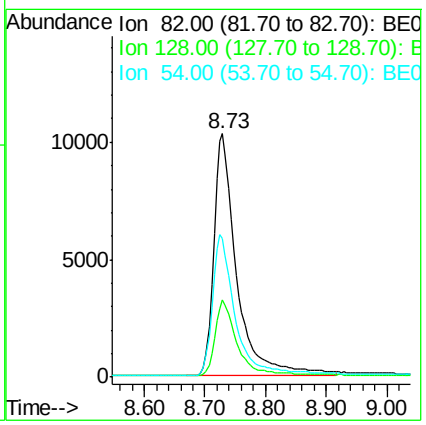


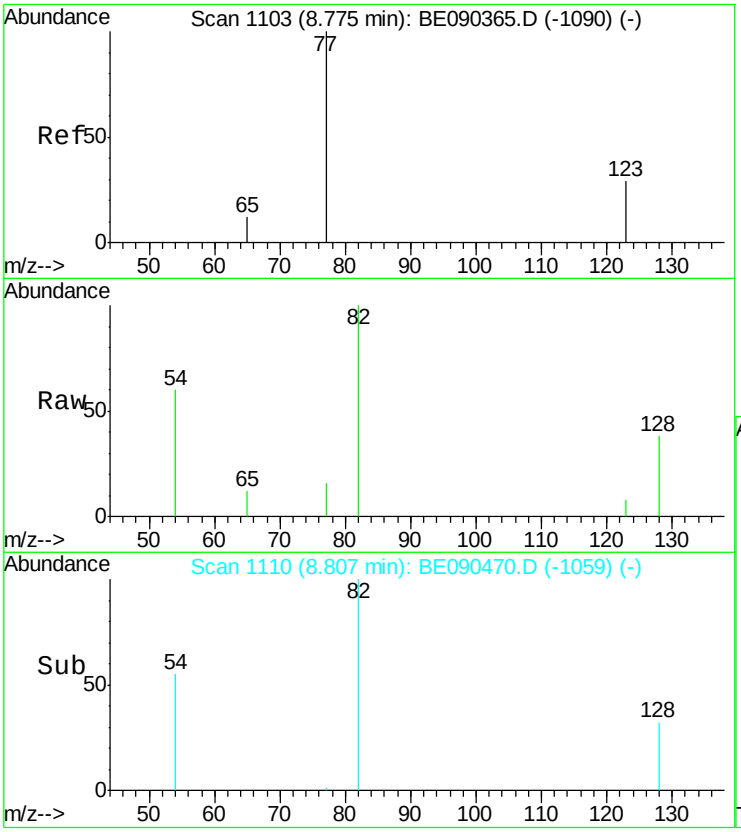


#7
Nitrobenzene-d5
Concen: 3.62 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion: 82 Resp: 27109

Ion	Ratio	Lower	Upper
82	100		
128	31.6	25.0	37.6
54	56.9	48.8	73.2



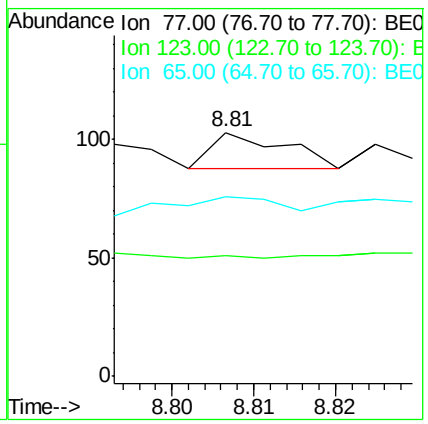


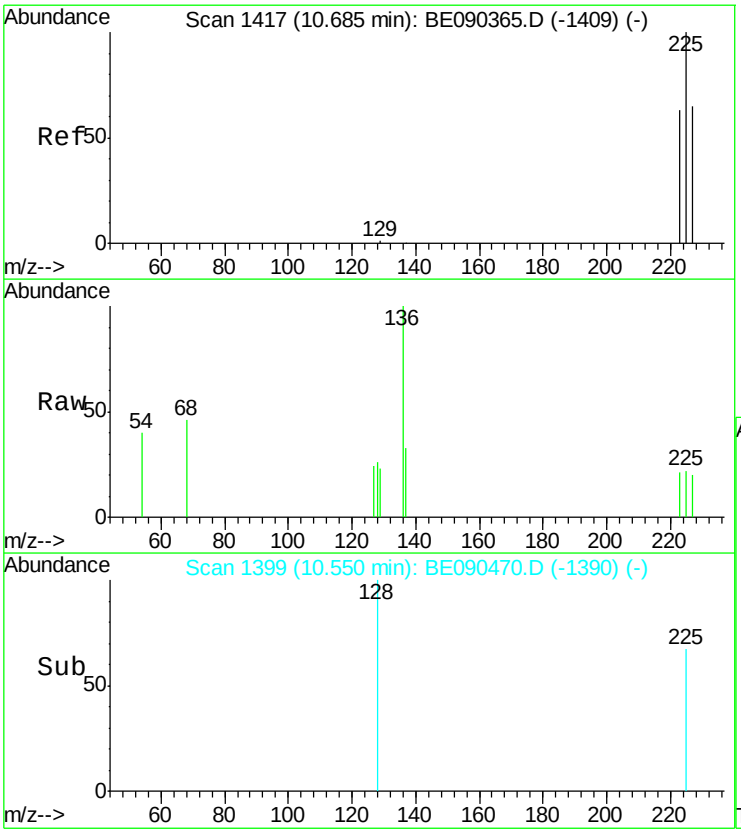
#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.81 min Scan# 1110
Delta R.T. 0.03 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 9

Ion	Ratio	Lower	Upper
77	100		
123	44.4	25.1	37.7#
65	77.8	9.3	13.9#

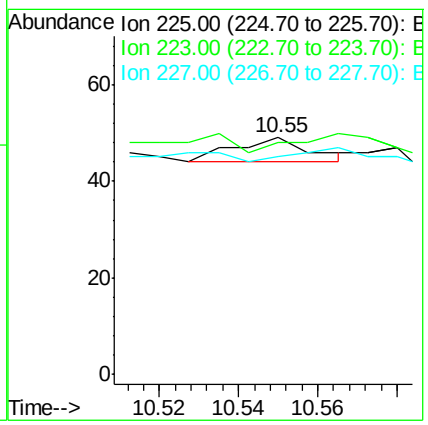


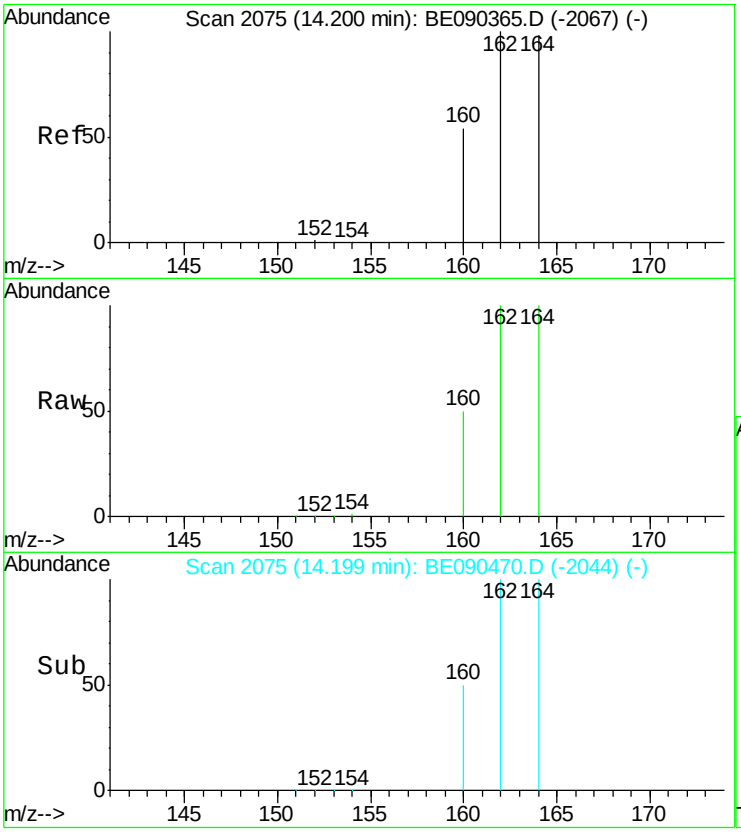


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.55 min Scan# 1399
Delta R.T. -0.13 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion:225 Resp: 7

Ion	Ratio	Lower	Upper
225	100		
223	71.4	50.6	75.8
227	57.1	50.7	76.1



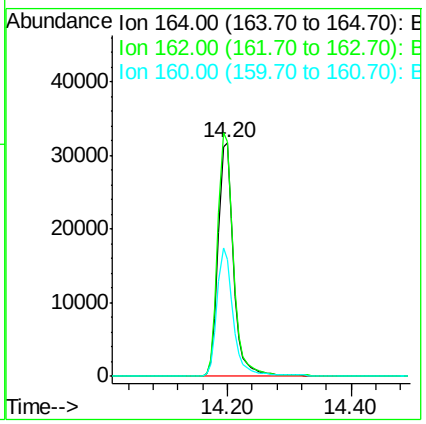


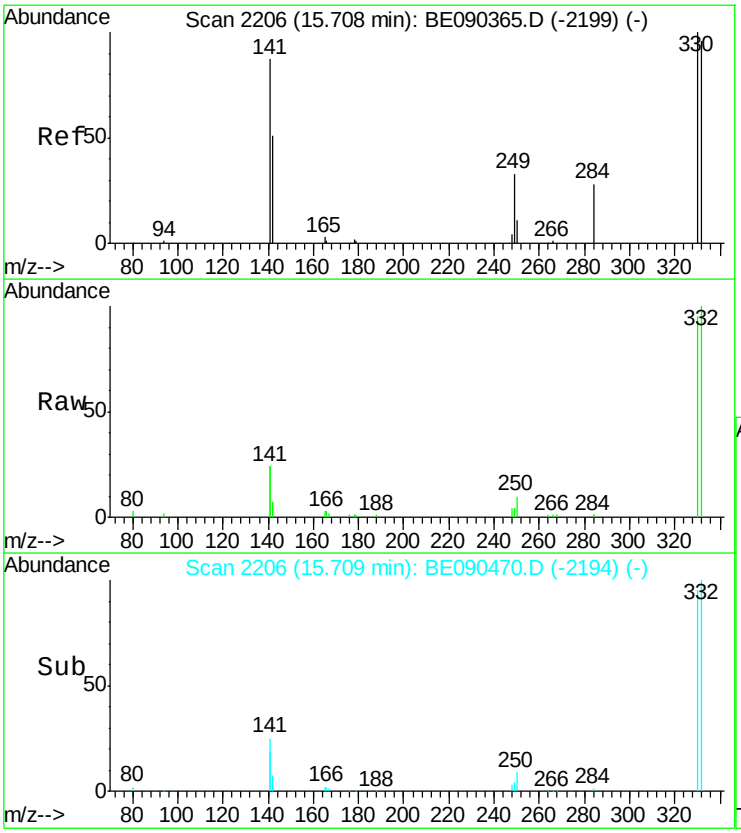
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 54228

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.8	122.8
160	50.0	44.2	66.4

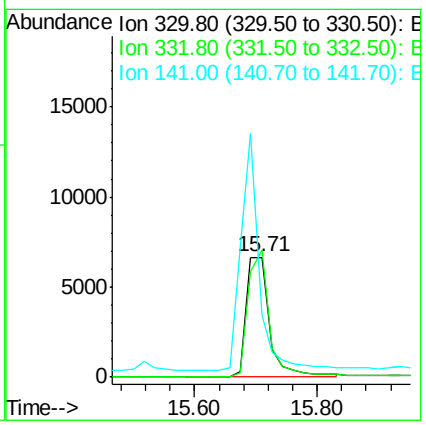


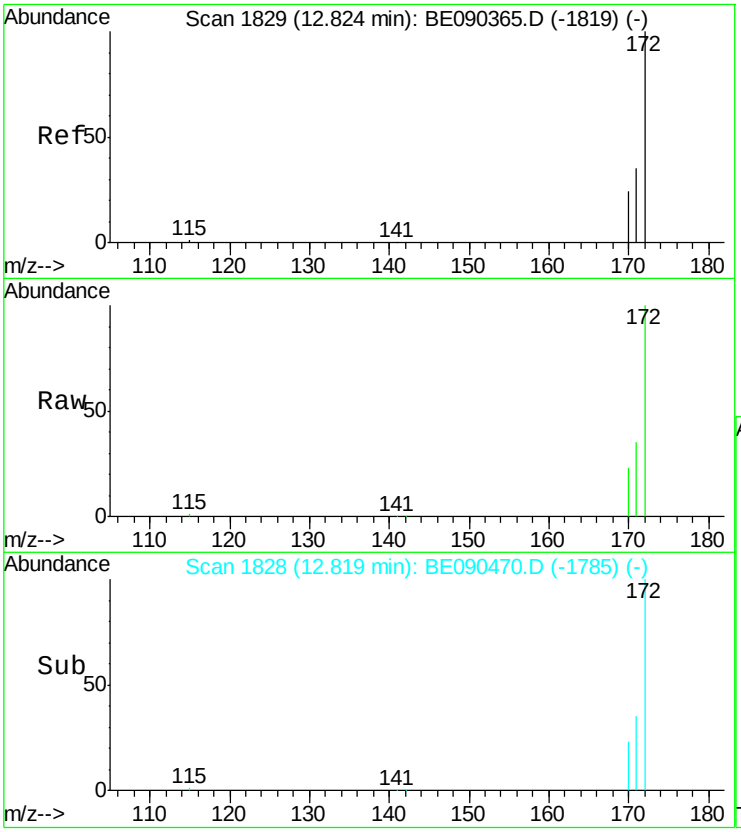


#13
2,4,6-Tribromophenol
Concen: 9.49 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion:330 Resp: 17149

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.8	113.6
141	159.0	114.4	171.6



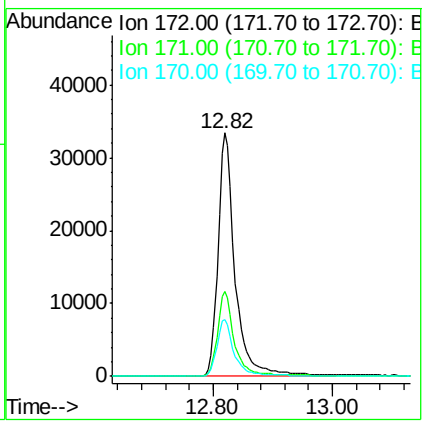


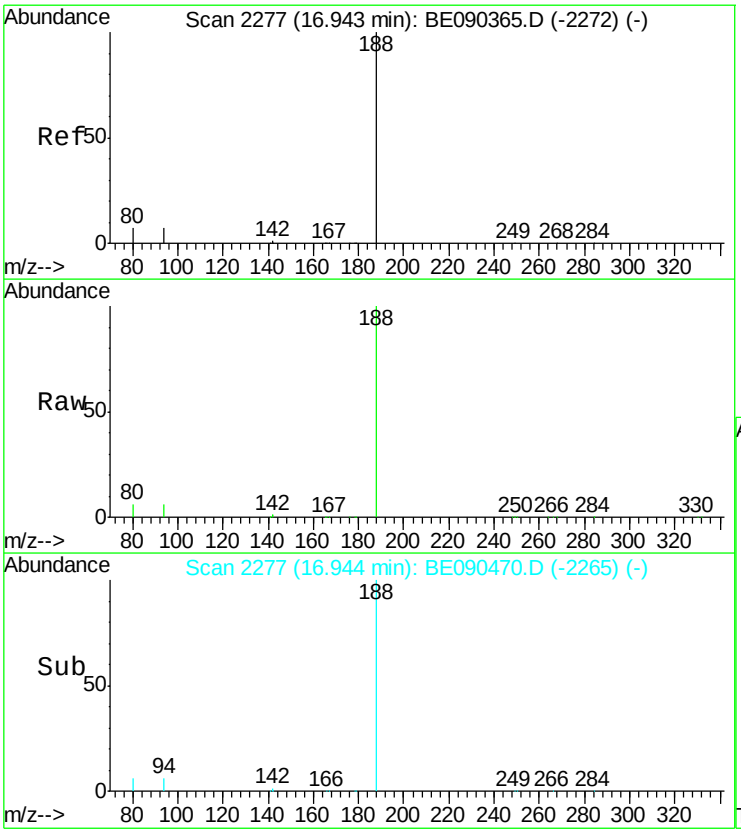
#14
2-Fluorobiphenyl
Concen: 4.46 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 66465

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.4	19.8	29.8

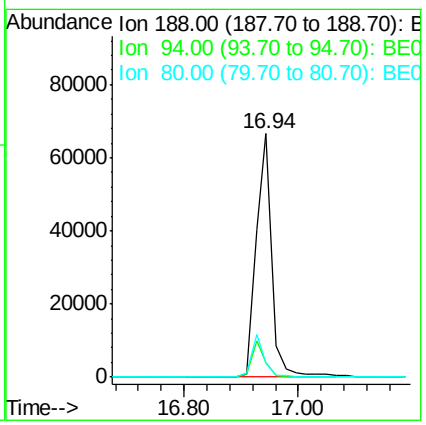


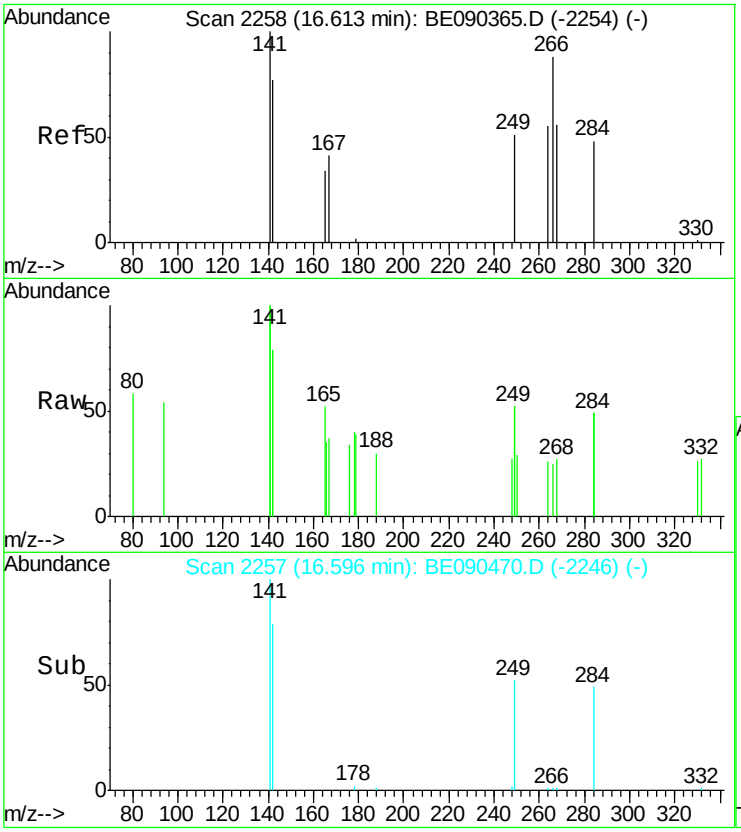


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion:188 Resp: 127139

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	6.0	5.8	8.8



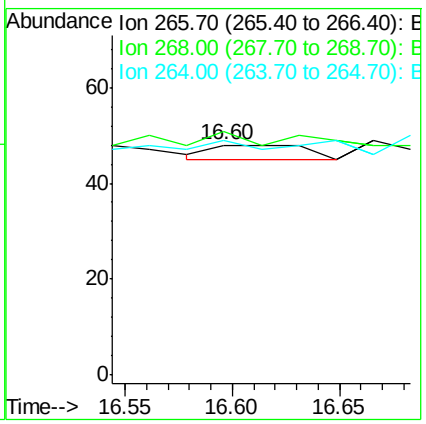


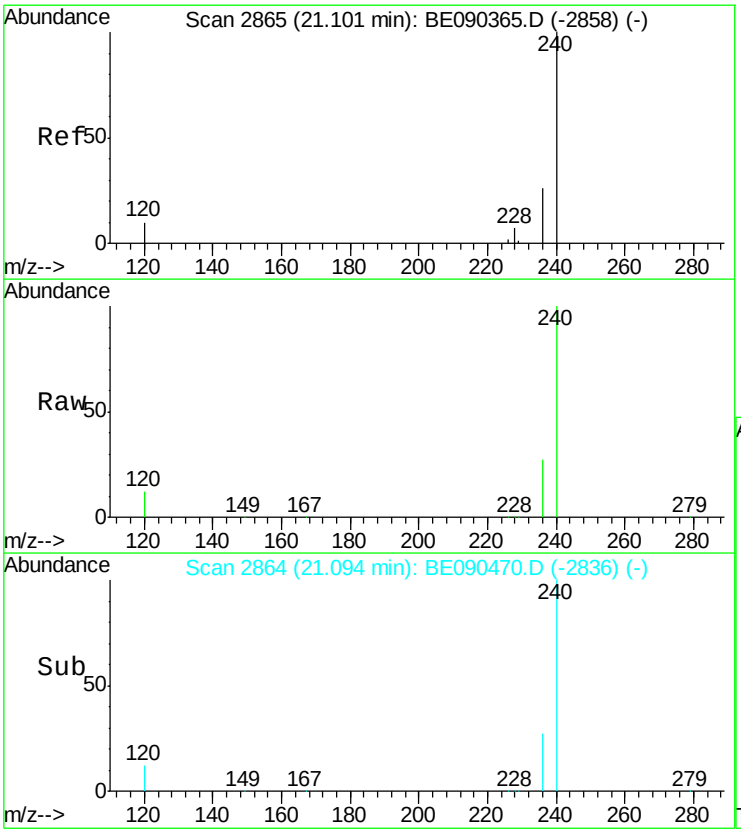
#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 9

Ion	Ratio	Lower	Upper
266	100		
268	106.3	58.5	87.7#
264	102.1	56.0	84.0#

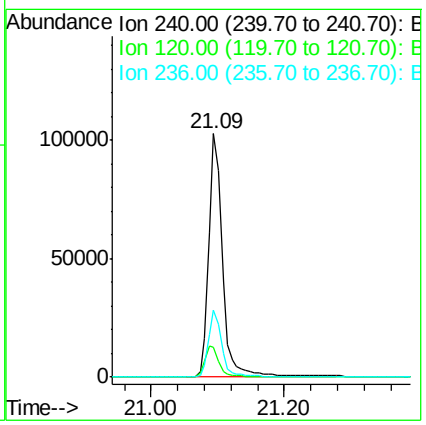


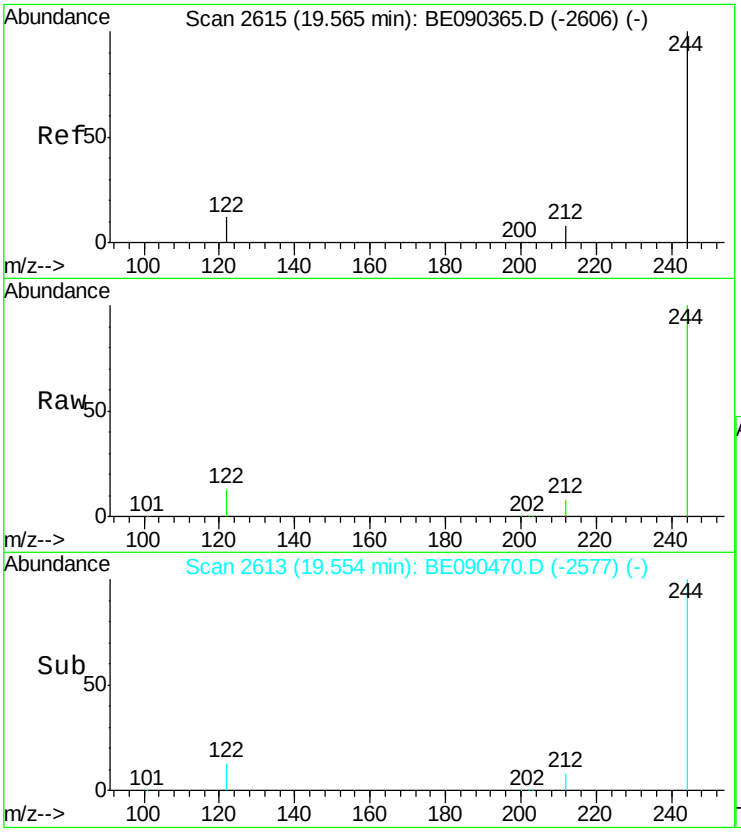


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion:240 Resp: 145721

Ion	Ratio	Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	27.3	21.0	31.4



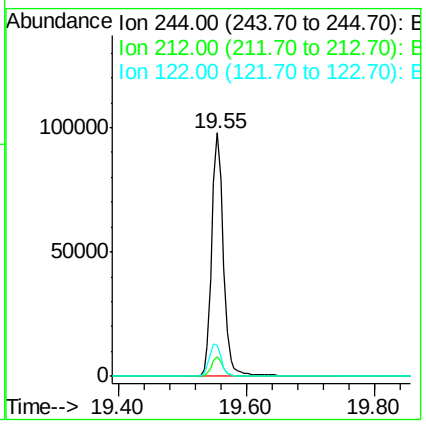


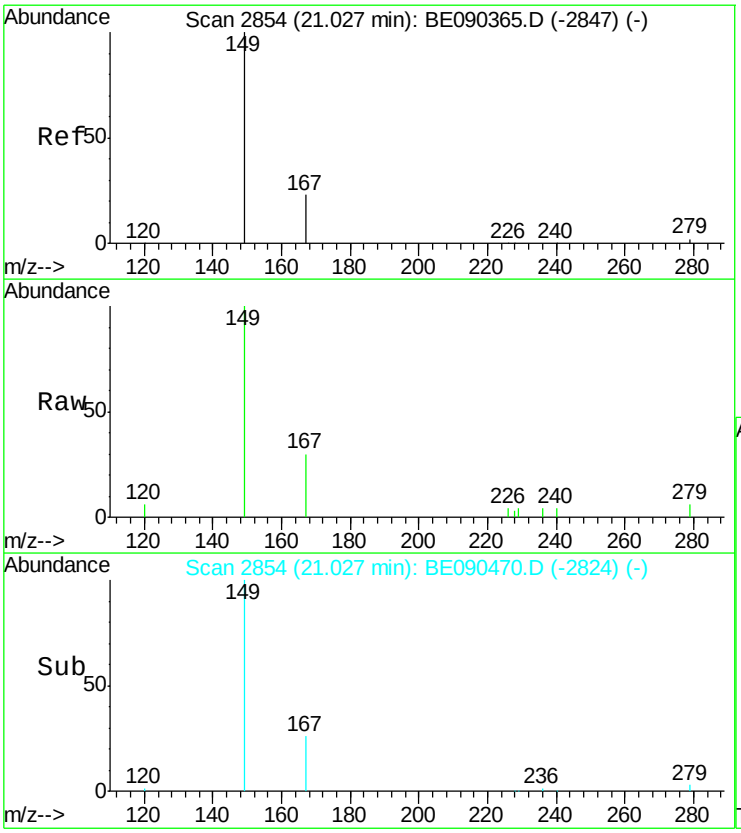
#27
Terphenyl-d14
Concen: 5.85 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 125686

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	12.6	10.2	15.4

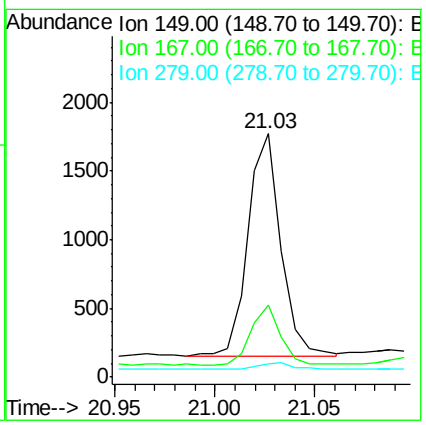


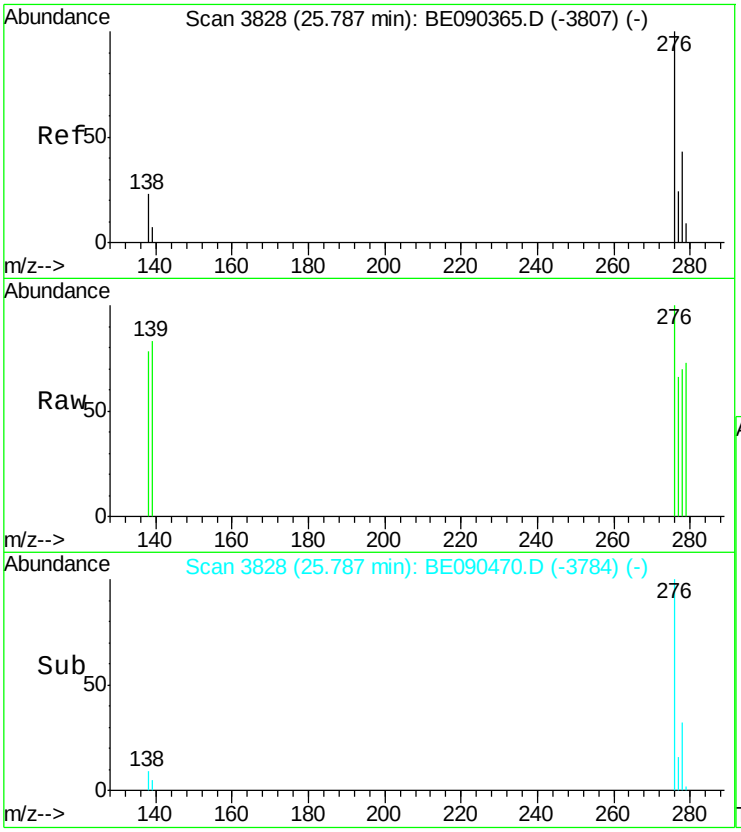


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion:149 Resp: 1851

Ion	Ratio	Lower	Upper
149	100		
167	25.6	19.8	29.8
279	3.3	2.4	3.6



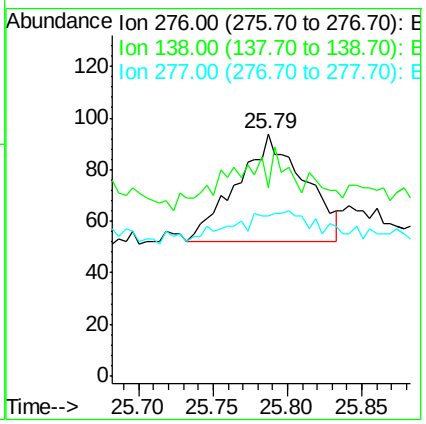


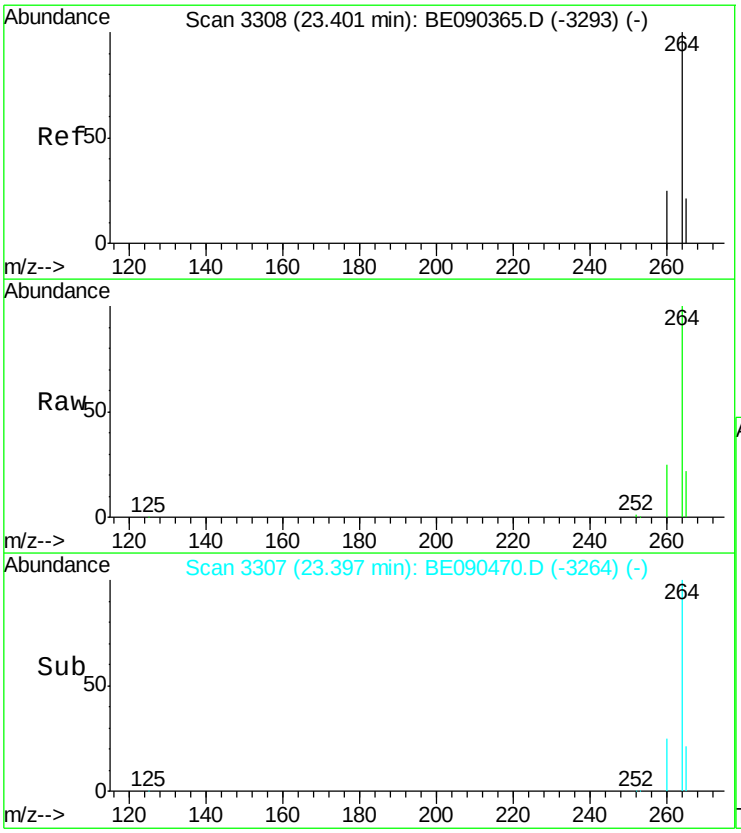
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.79 min Scan# 3828
Delta R.T. 0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 132

Ion	Ratio	Lower	Upper
276	100		
138	12.1	18.8	28.2#
277	0.0	18.2	27.4#

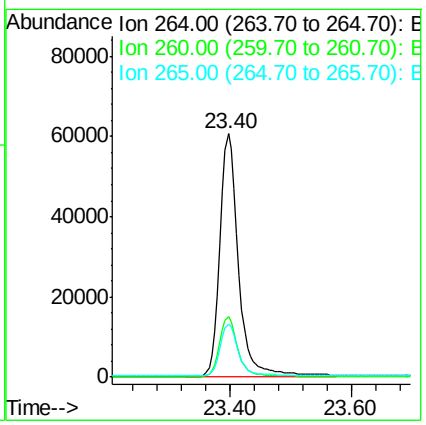


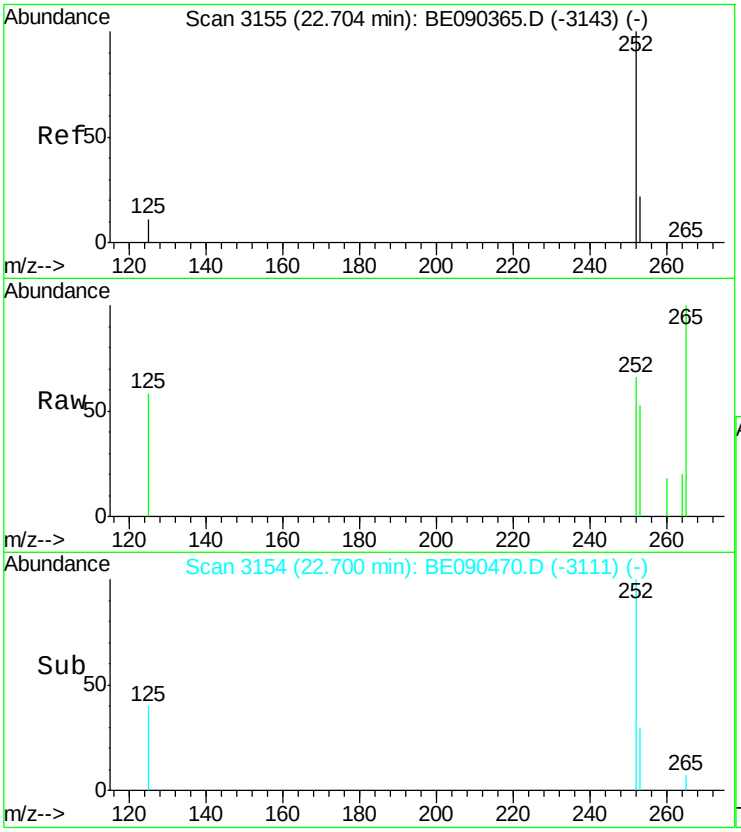


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion:264 Resp: 130650

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.7	17.2	25.8



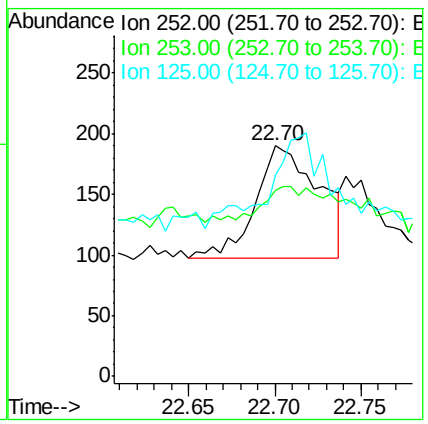


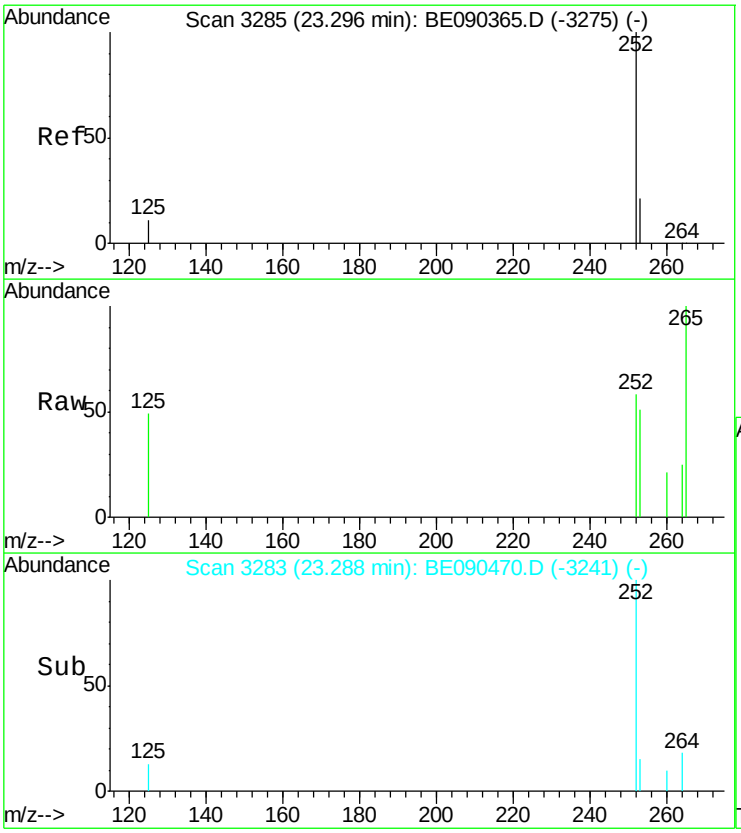
#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 239

Ion	Ratio	Lower	Upper
252	100		
253	80.5	18.1	27.1#
125	87.4	9.4	14.2#

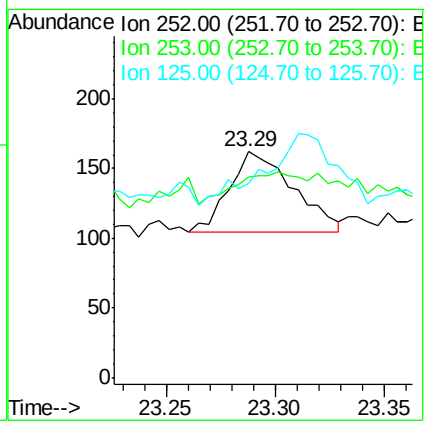


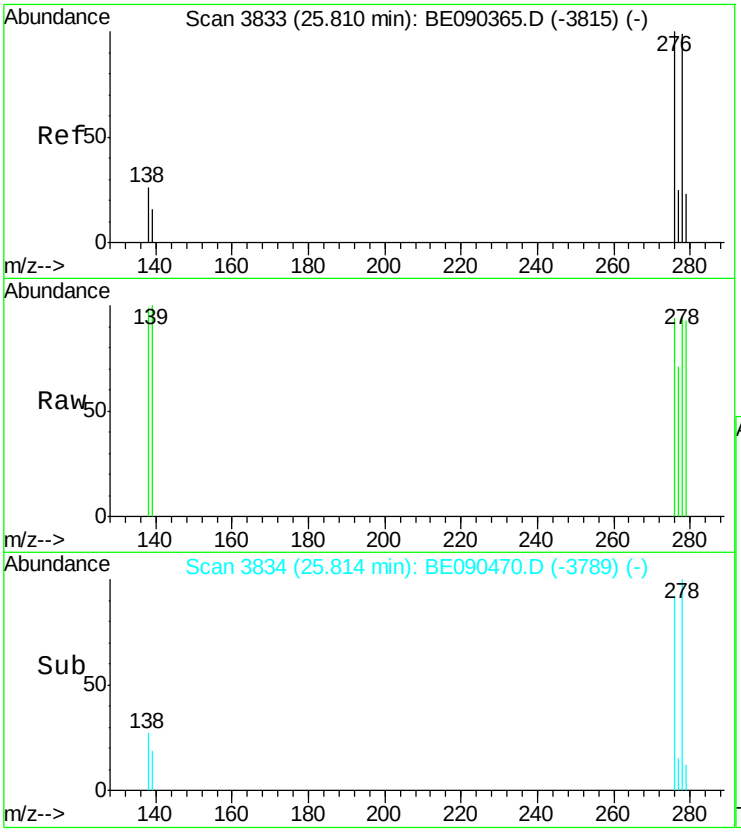


#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.29 min Scan# 3283
Delta R.T. -0.01 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Tgt Ion:252 Resp: 120

Ion	Ratio	Lower	Upper
252	100		
253	88.9	17.6	26.4#
125	85.8	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.81 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BE090470.D
Acq: 12 Aug 2015 16:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 55

Ion	Ratio	Lower	Upper
278	100		
139	105.3	14.2	21.4#
279	97.4	20.1	30.1#