Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090476.D
Acq On : 12 Aug 2015 20:33
Operator : UM/IZ
Sample : G3250-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 13 01:21:40 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	20255	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	93822	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	54364	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	128973	5.00	ng		0.00
25) Chrysene-d12	21.09	240	146340	5.00	ng		0.00
32) Perylene-d12	23.40	264	131139	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	11437	3.76	ng		0.00
5) Phenol-d6	6.77	99	10105	1.73	ng		0.00
7) Nitrobenzene-d5	8.73	82	25591	3.42	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	12095	7.50	ng		0.00
14) 2-Fluorobiphenyl	12.82	172	62129	4.16	ng		0.00
27) Terphenyl-d14	19.55	244	114840	5.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	7	Below Cal		#	15
8) Nitrobenzene	8.73	77	80	0.22	ng	#	33
10) Hexachlorobutadiene	10.69	225	5	Below Cal		#	61
21) Pentachlorophenol	16.60	266	20	0.11	ng	#	73
30) Bis(2-ethylhexyl)phthalate	21.03	149	3327	0.53	ng		100
31) Indeno(1,2,3-cd)pyrene	25.78	276	86	0.25	ng	#	66
33) Benzo(b)fluoranthene	22.70	252	104	0.20	ng	#	1
35) Benzo(a)pyrene	23.28	252	31	0.23	ng	#	1
36) Dibenzo(a,h)anthracene	25.81	278	56	0.29	ng	#	1

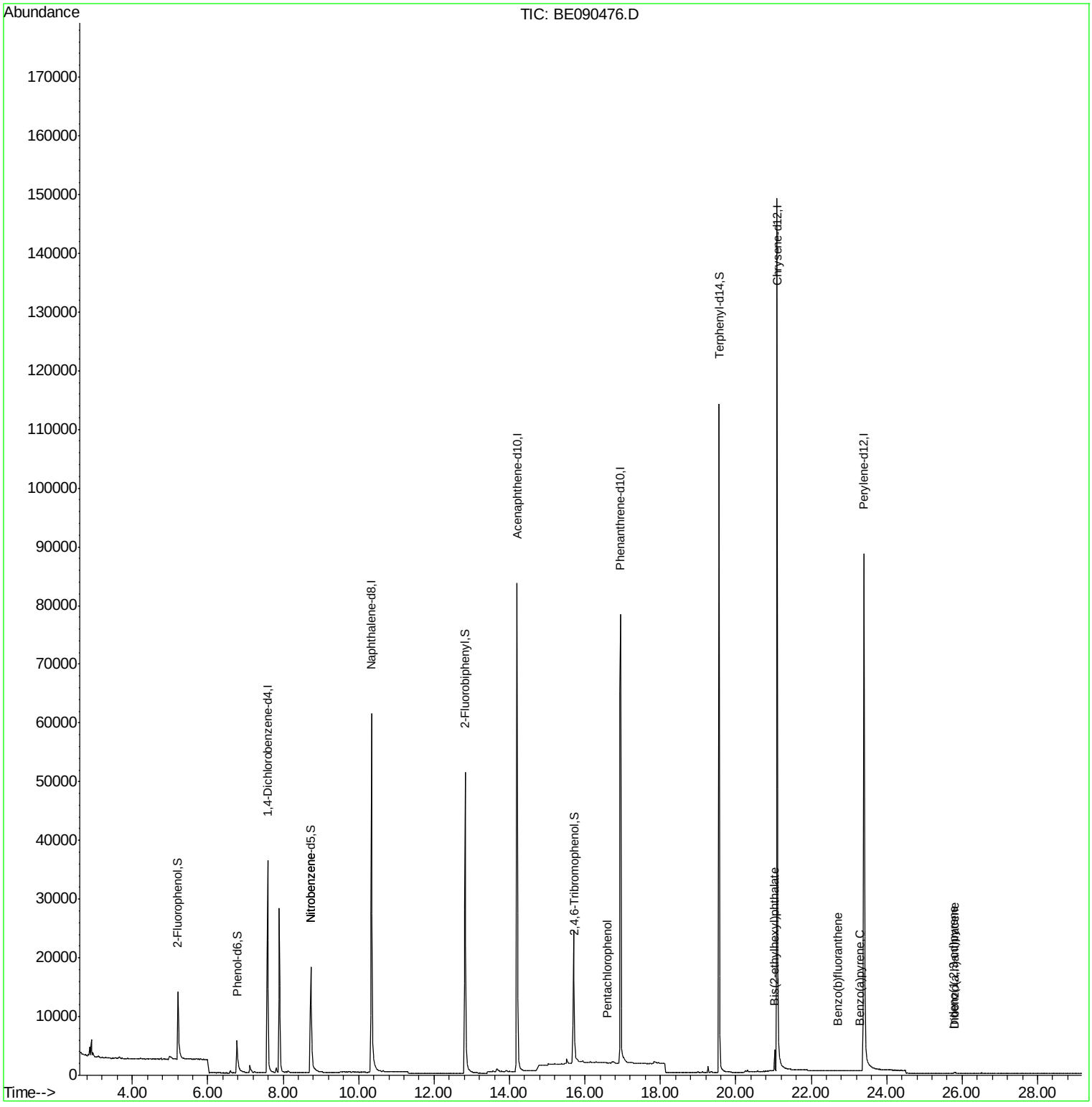
(#) = qualifier out of range (m) = manual integration (+) = signals summed

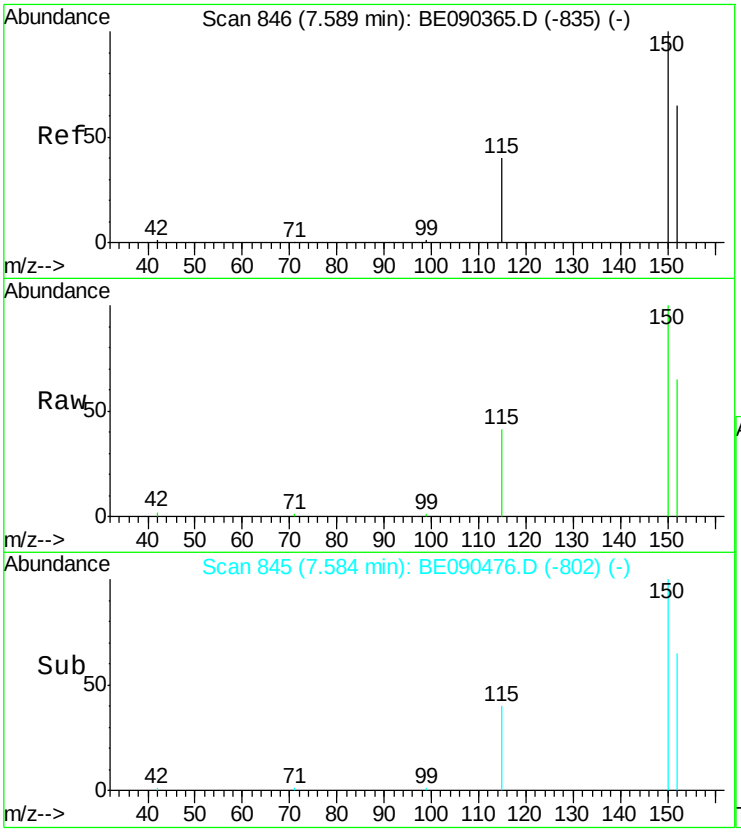
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090476.D
Acq On : 12 Aug 2015 20:33
Operator : UM/IZ
Sample : G3250-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 01:21:40 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



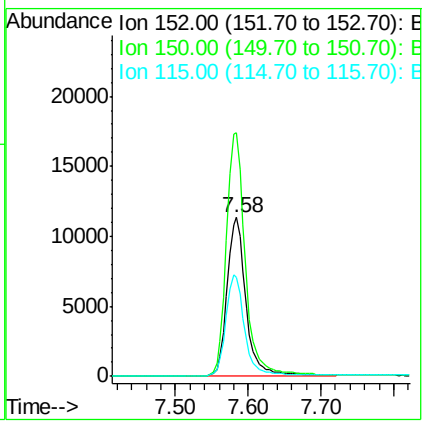


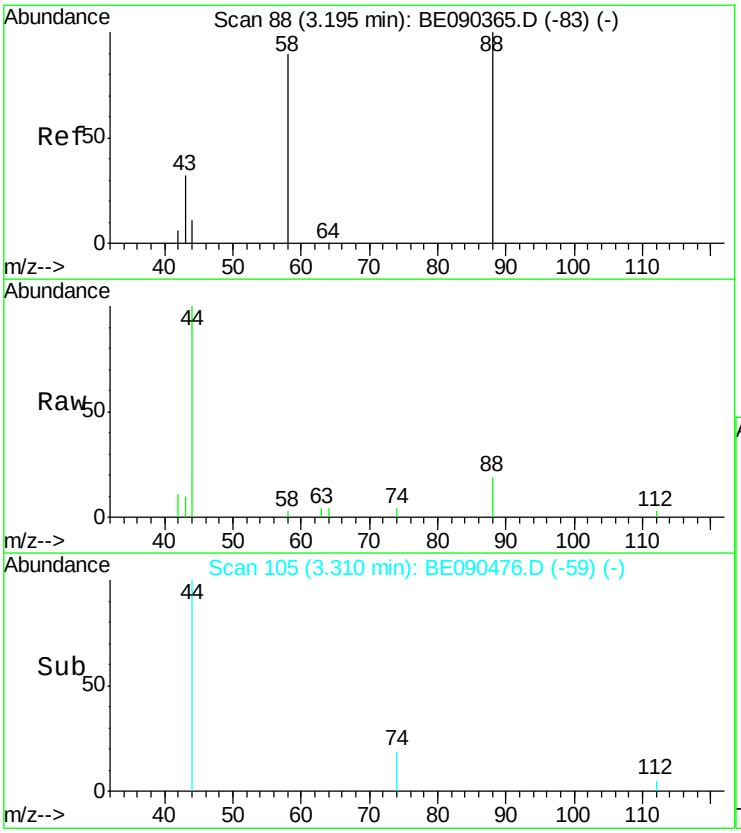
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20255

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.4
115	62.3	48.9	73.3

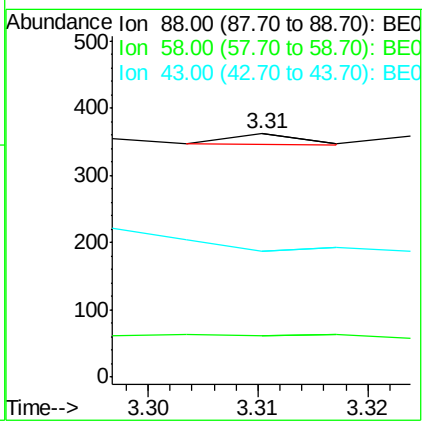


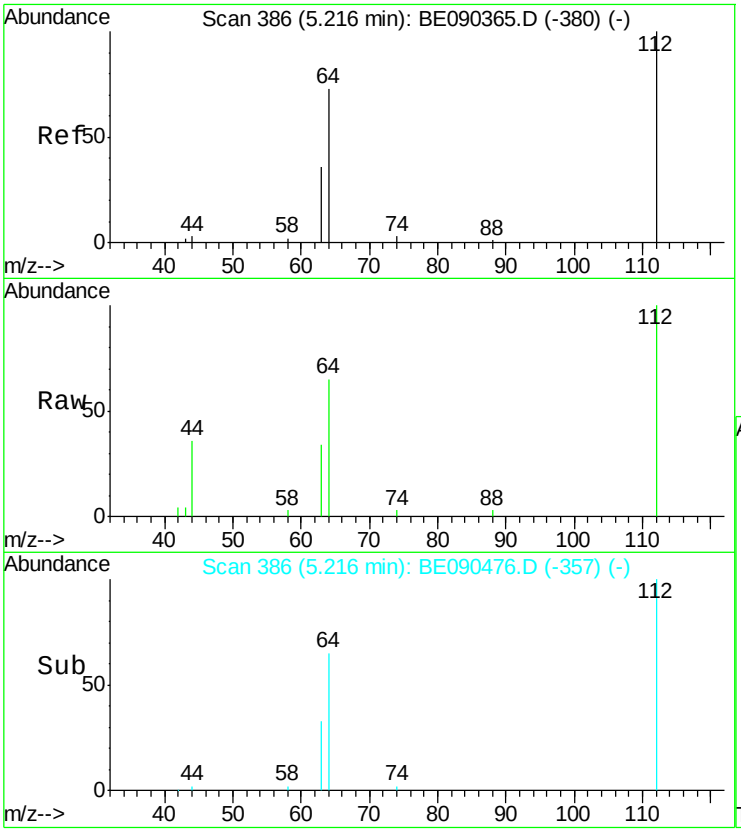


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.31 min Scan# 105
Delta R.T. 0.12 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion: 88 Resp: 7

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



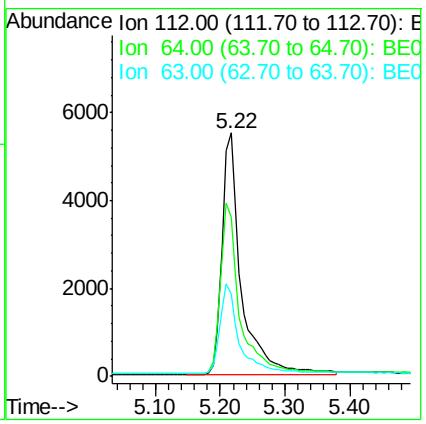


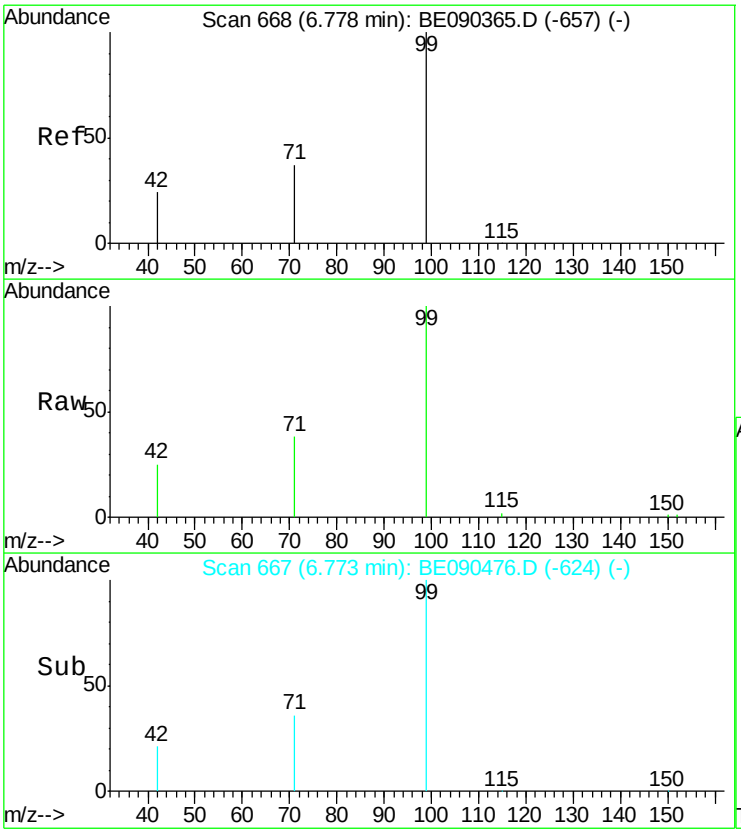
#4
2-Fluorophenol
Concen: 3.76 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 11437

Ion	Ratio	Lower	Upper
112	100		
64	70.8	37.1	55.7#
63	37.2	19.5	29.3#

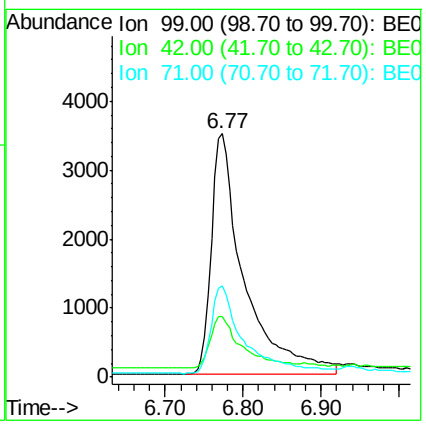


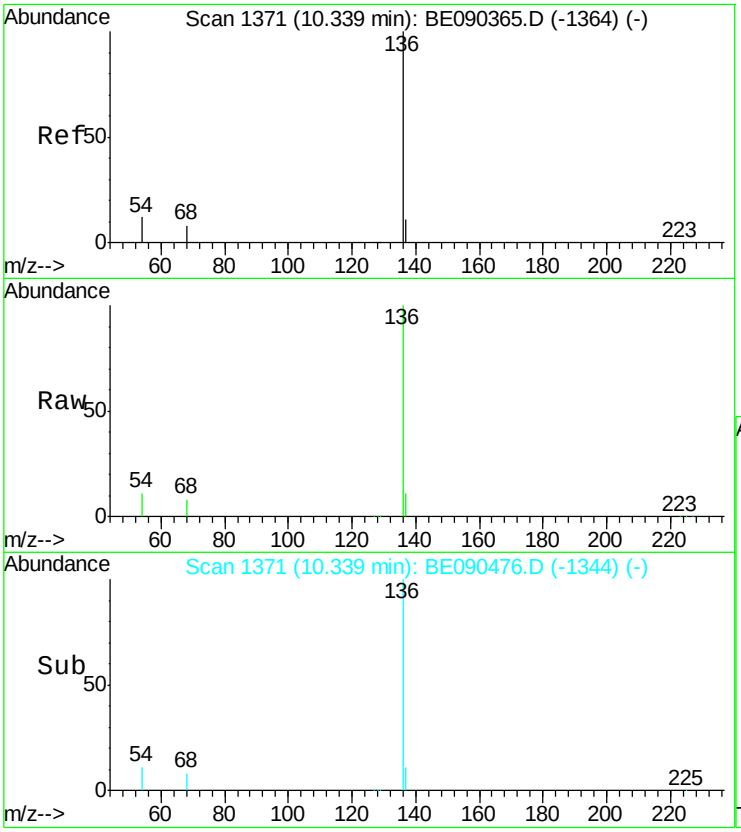


#5
Phenol-d6
Concen: 1.73 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion: 99 Resp: 10105

Ion	Ratio	Lower	Upper
99	100		
42	21.3	18.2	27.4
71	37.2	27.4	41.0



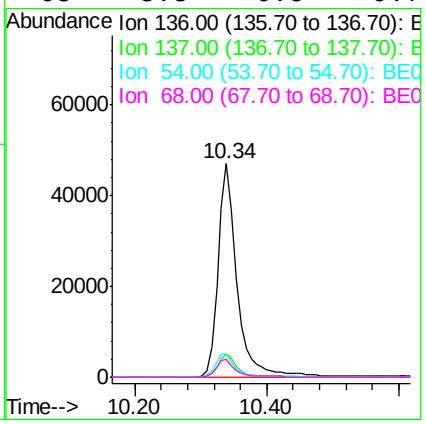


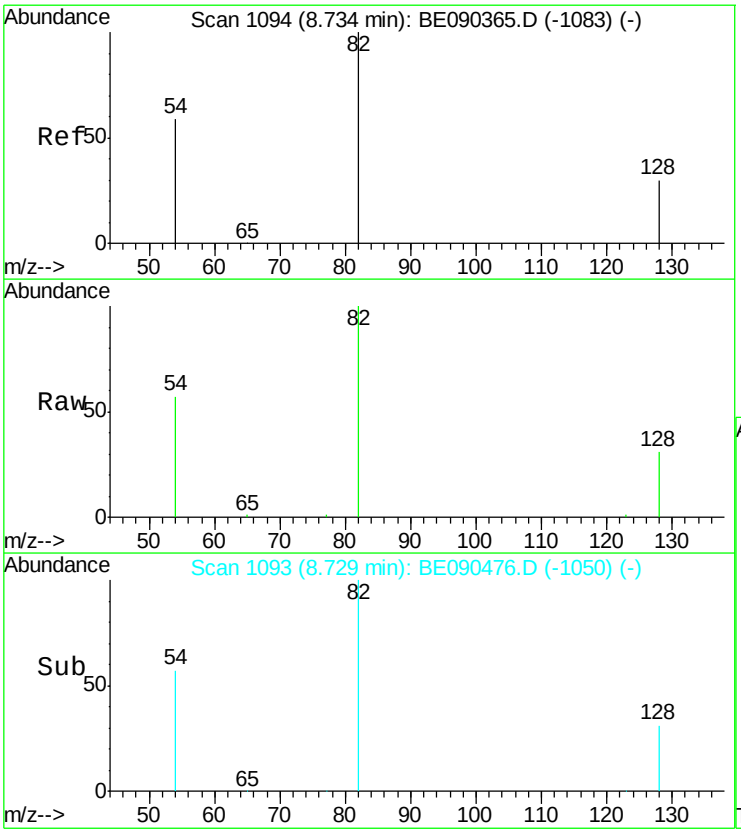
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 93822

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

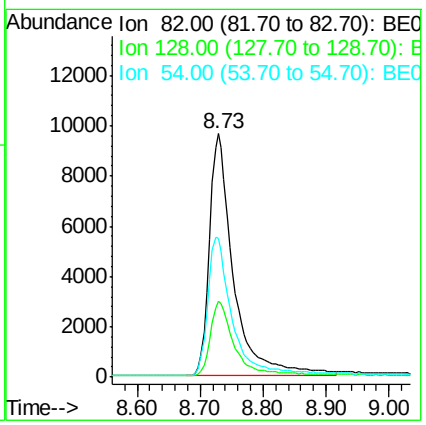


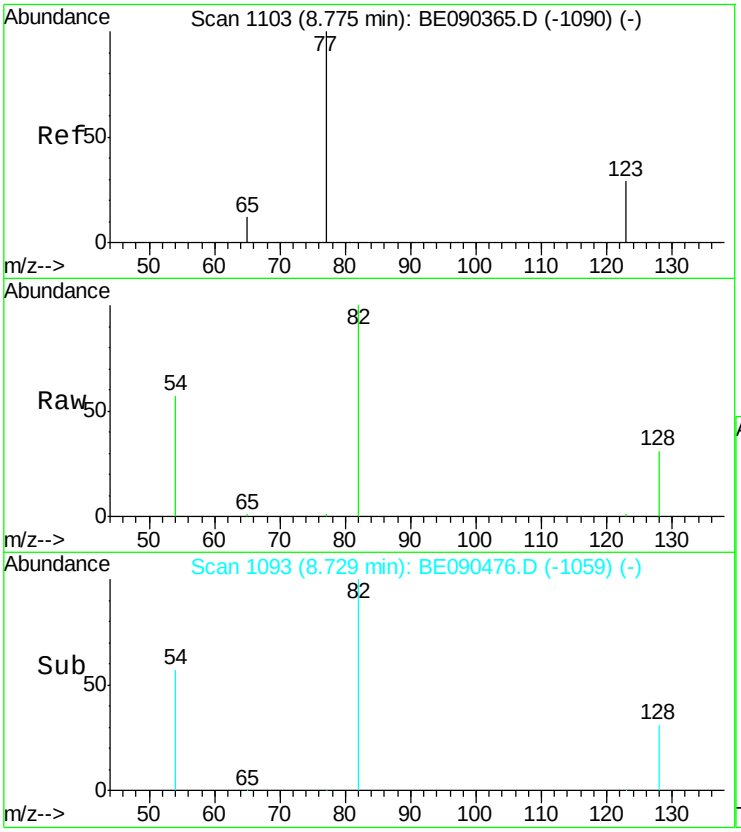


#7
Nitrobenzene-d5
Concen: 3.42 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion: 82 Resp: 25591

Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.0	37.6
54	56.9	48.8	73.2



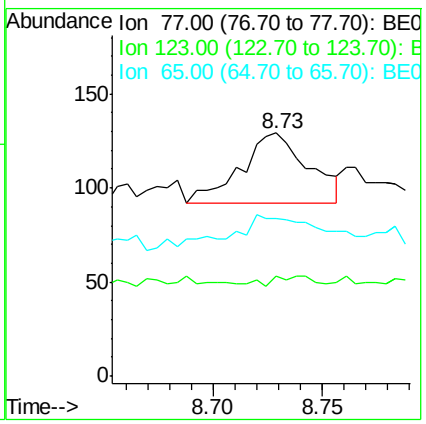


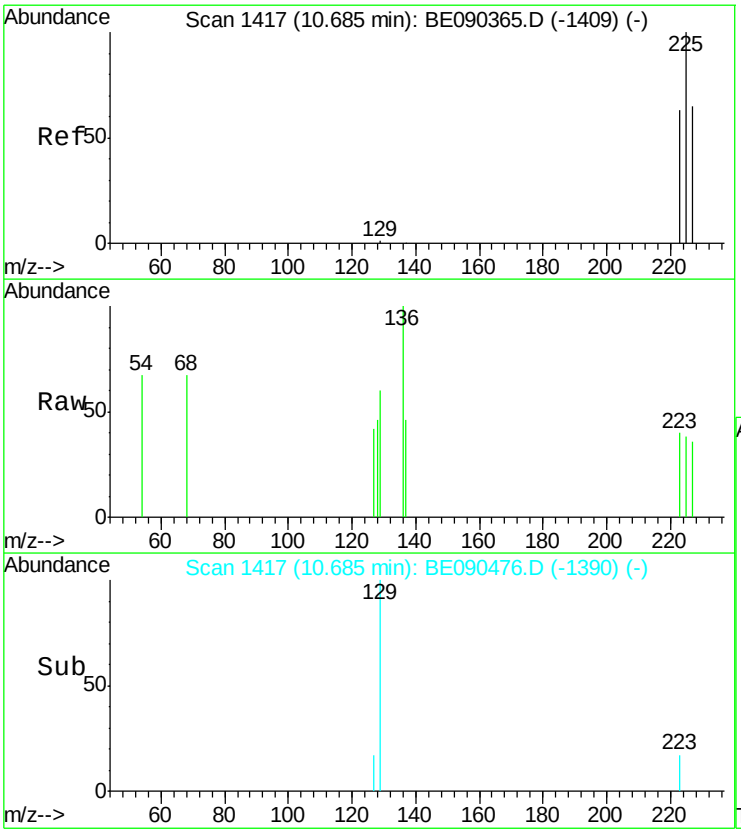
#8
Nitrobenzene
Concen: 0.22 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.05 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 80

Ion	Ratio	Lower	Upper
77	100		
123	8.8	25.1	37.7#
65	65.0	9.3	13.9#

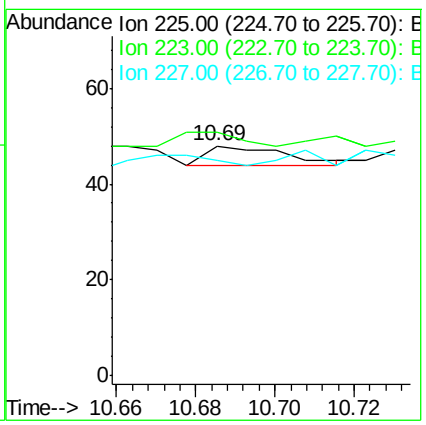


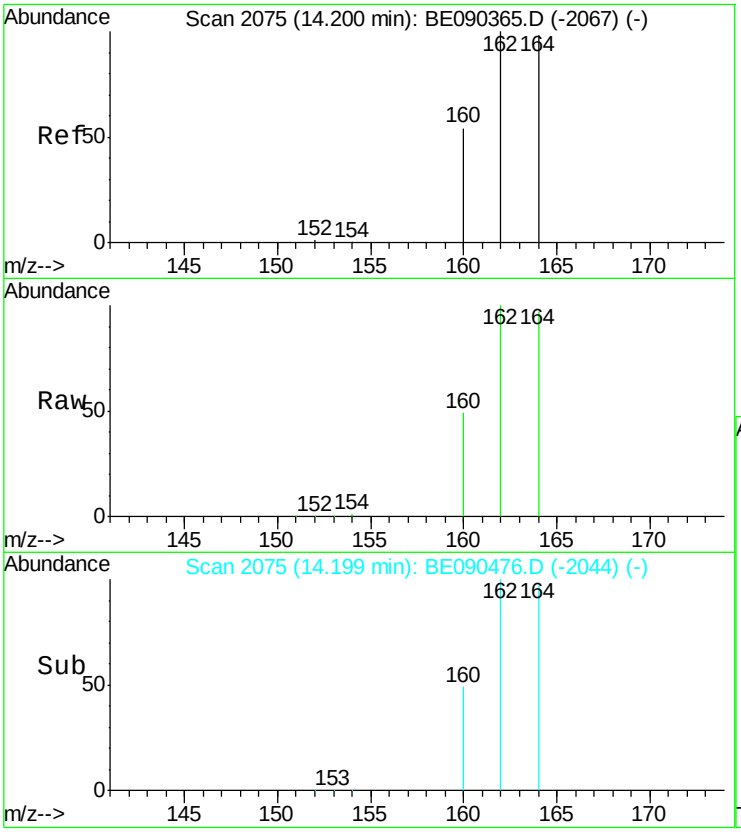


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.69 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion:225 Resp: 5

Ion	Ratio	Lower	Upper
225	100		
223	100.0	50.6	75.8#
227	40.0	50.7	76.1#



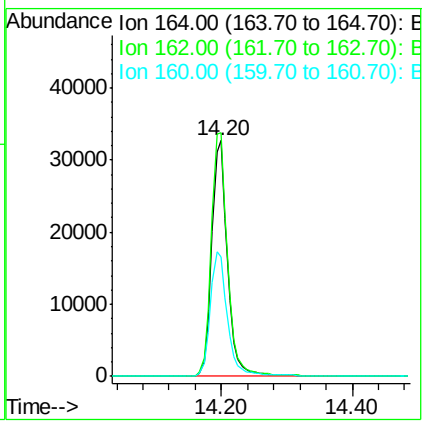


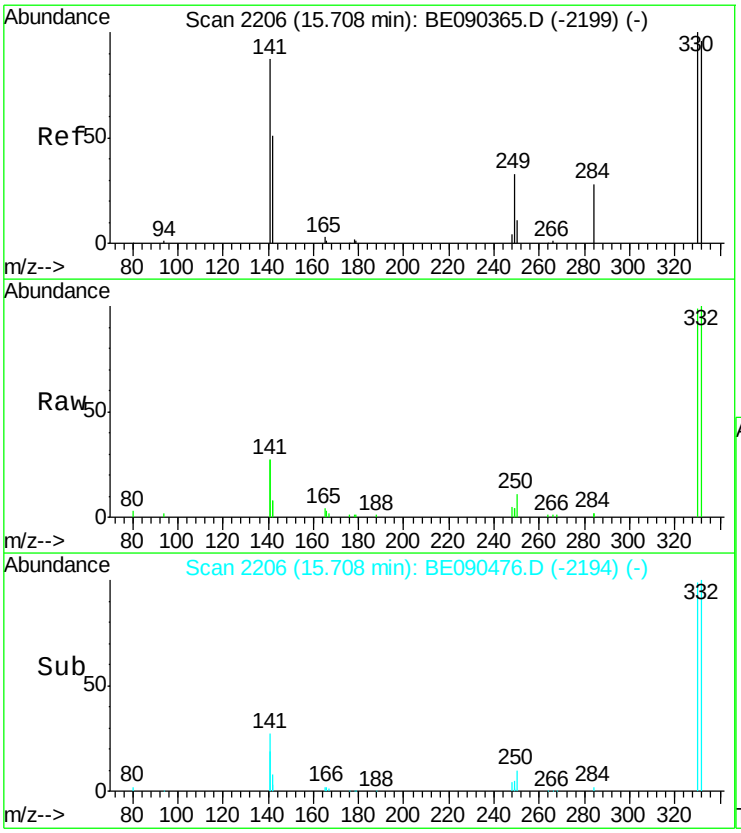
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 54364

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.8	122.8
160	50.7	44.2	66.4

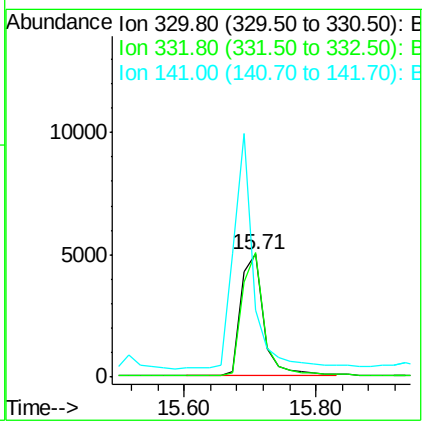


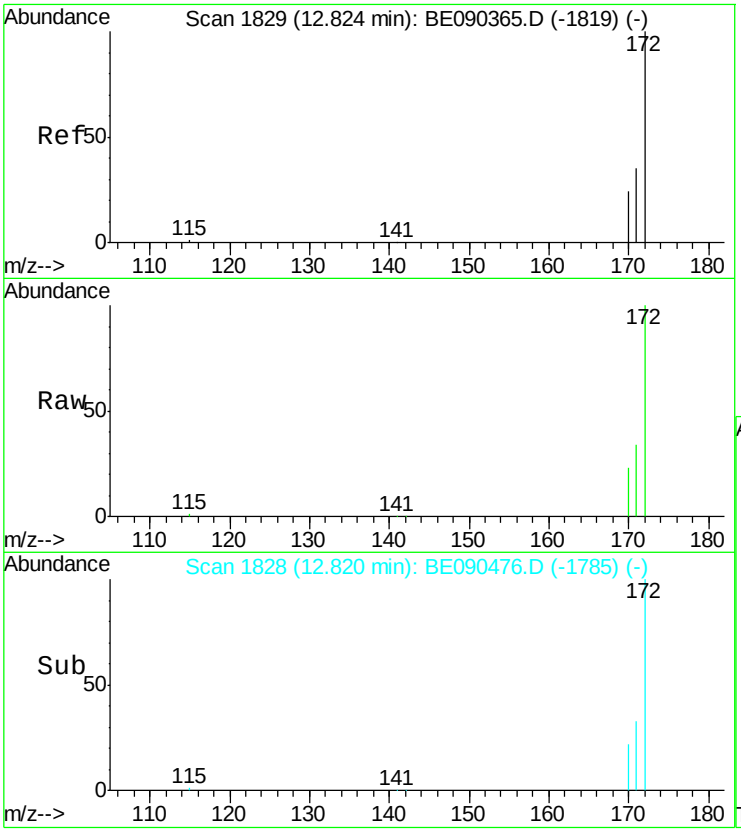


#13
2,4,6-Tribromophenol
Concen: 7.50 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion:330 Resp: 12095

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.8	113.6
141	164.9	114.4	171.6



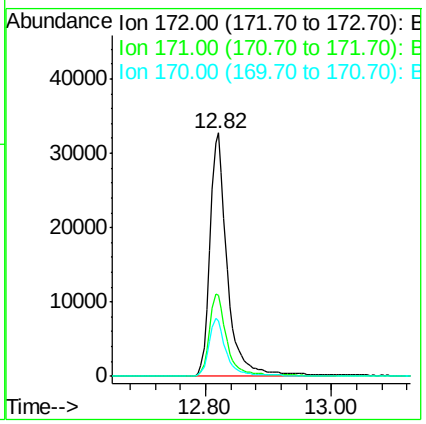


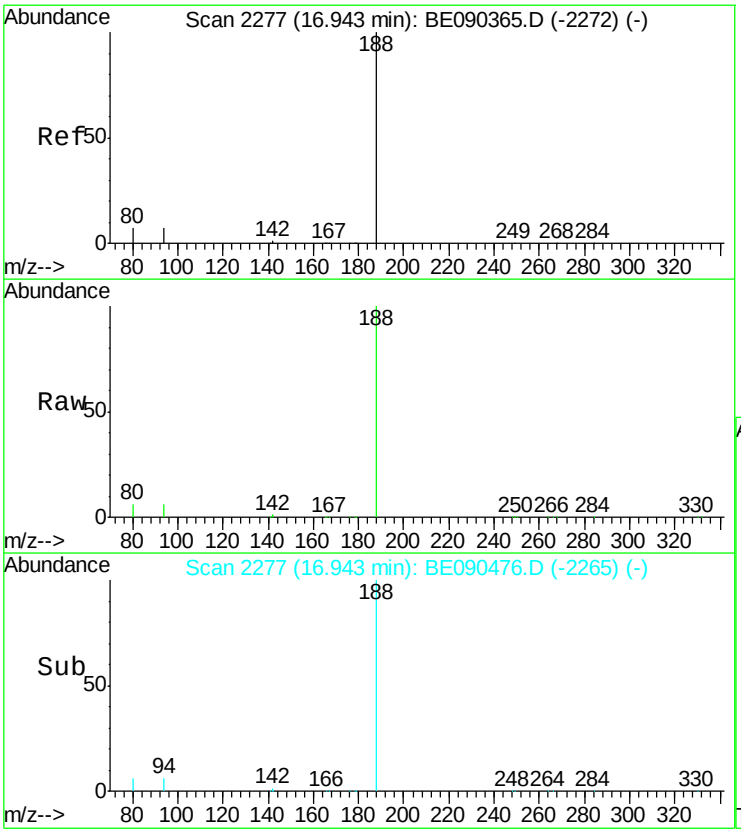
#14
2-Fluorobiphenyl
Concen: 4.16 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 62129

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.5	42.7
170	22.6	19.8	29.8

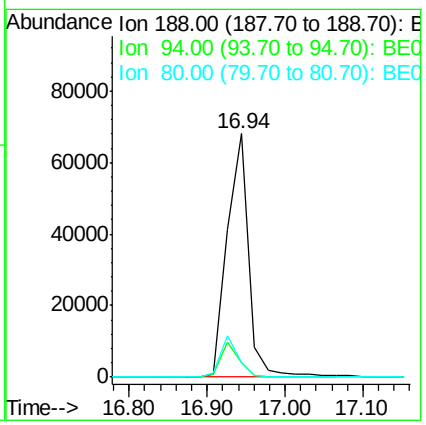


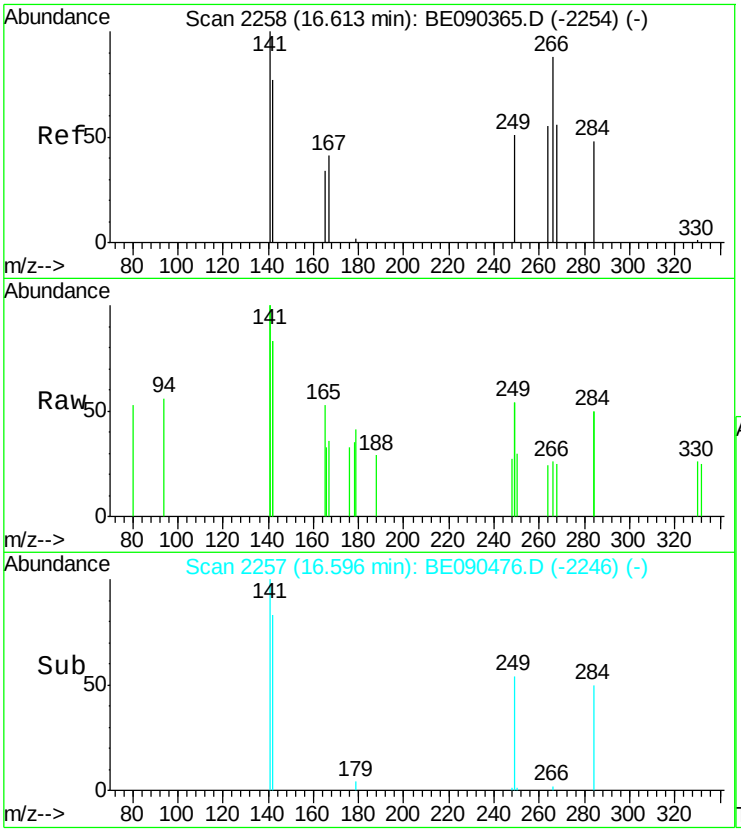


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion:188 Resp: 128973

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



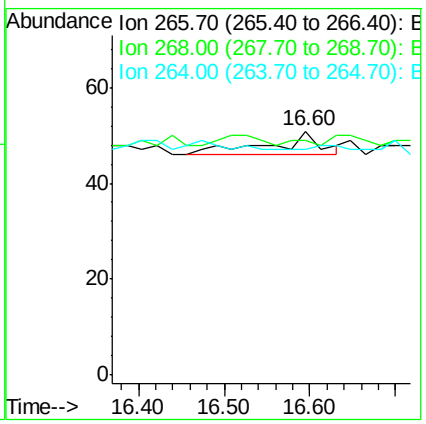


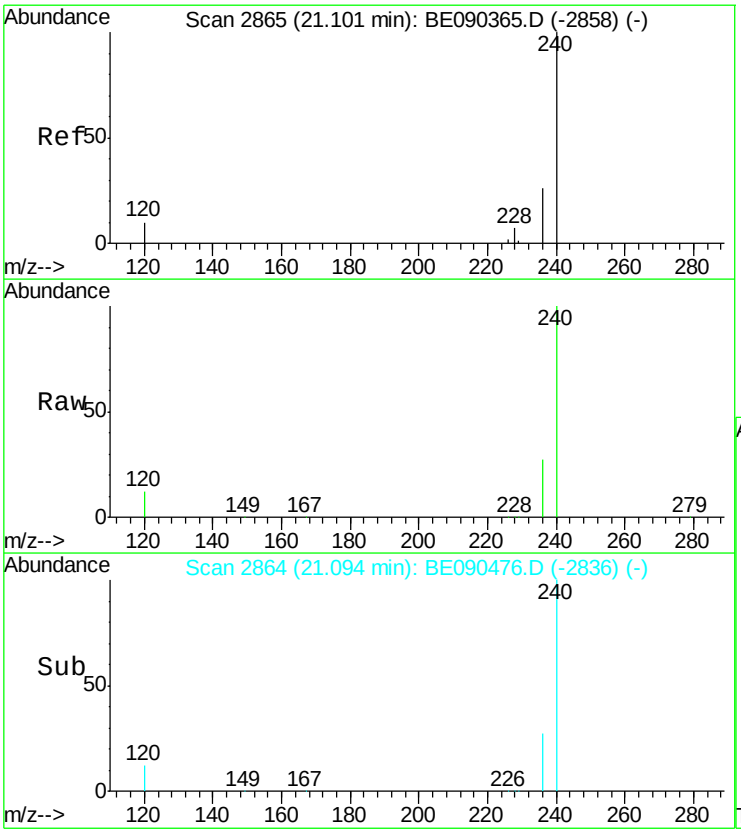
#21
Pentachlorophenol
Concen: 0.11 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.02 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 20

Ion	Ratio	Lower	Upper
266	100		
268	96.1	58.5	87.7#
264	92.2	56.0	84.0#

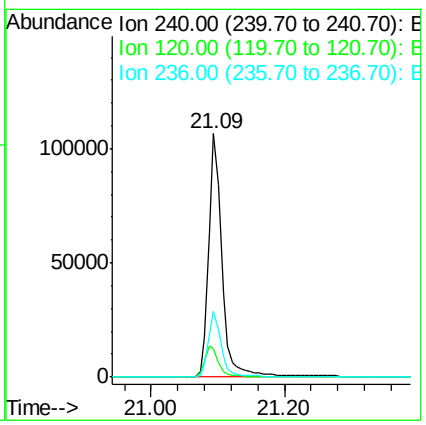


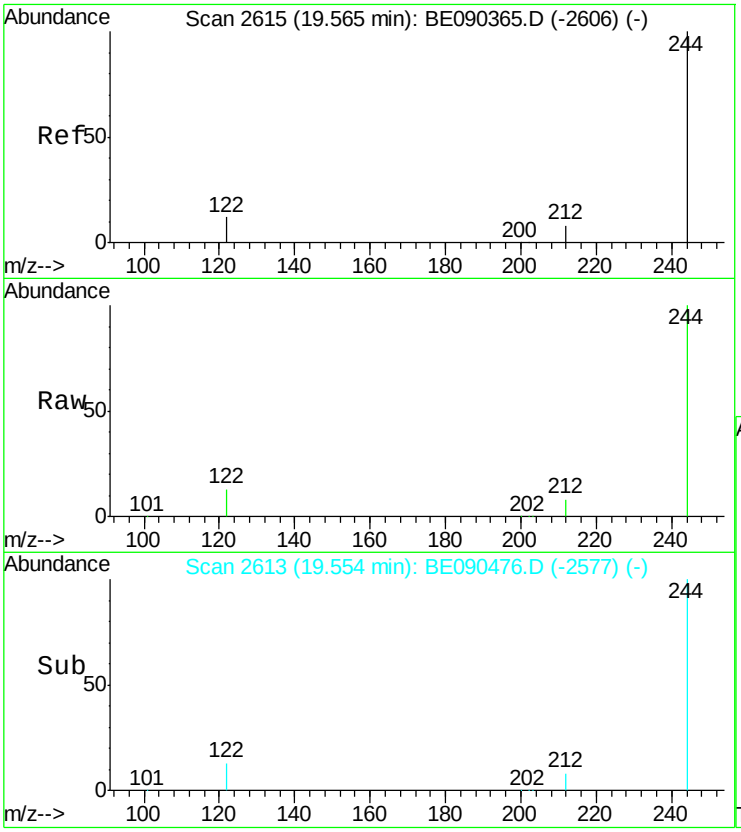


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion:240 Resp: 146340

Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	27.1	21.0	31.4



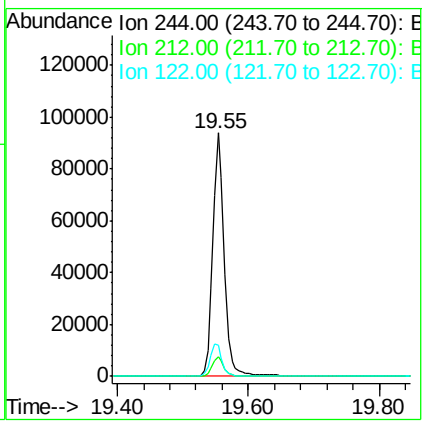


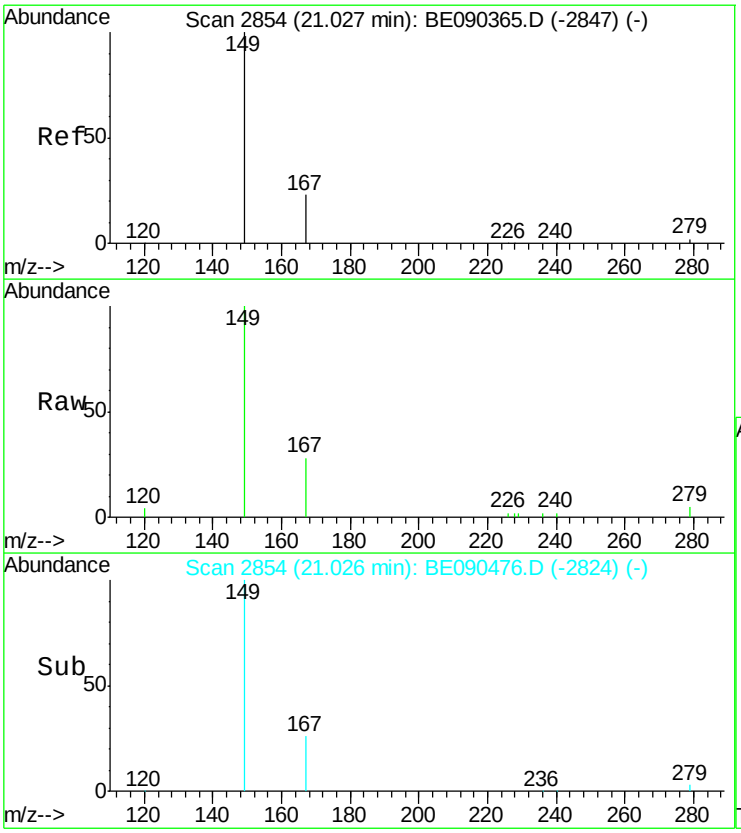
#27
Terphenyl-d14
Concen: 5.33 ng
RT: 19.55 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 114840

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	12.7	10.2	15.4

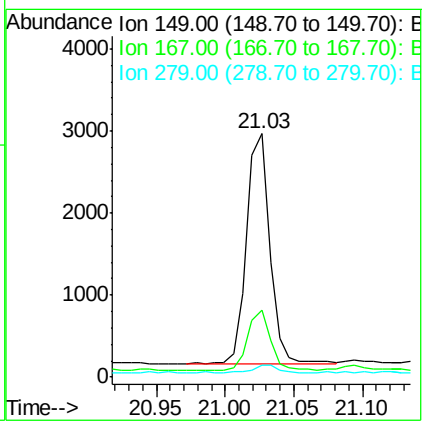


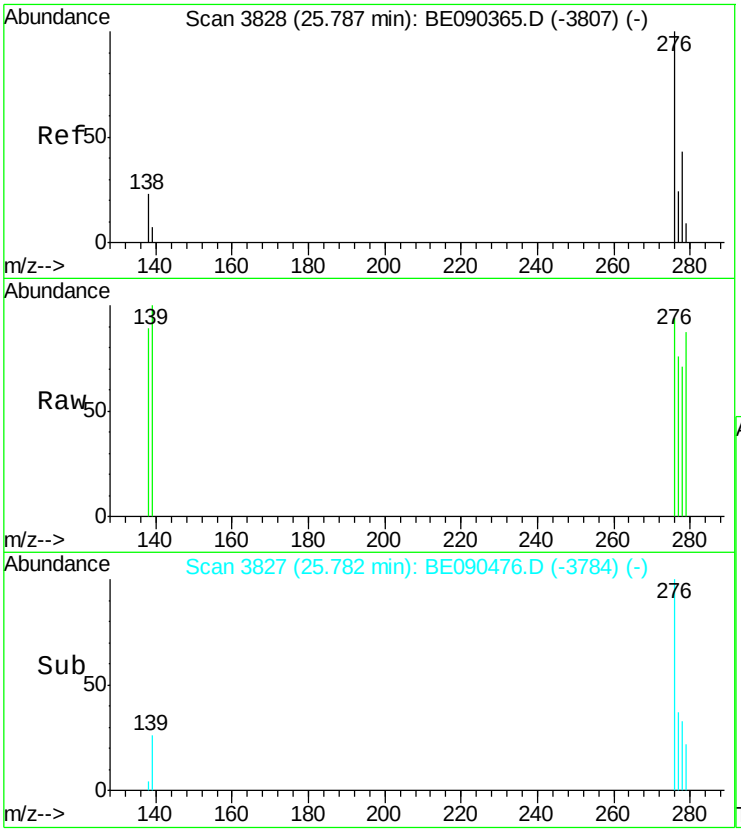


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.03 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion:149 Resp: 3327

Ion	Ratio	Lower	Upper
149	100		
167	25.0	19.8	29.8
279	3.2	2.4	3.6



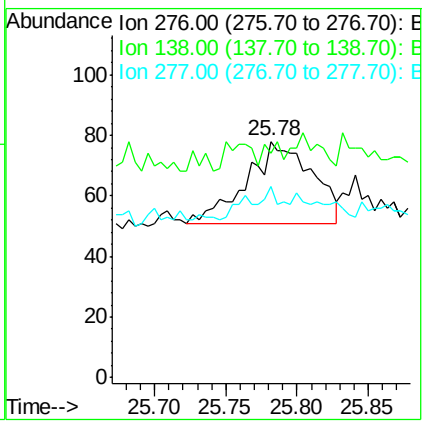


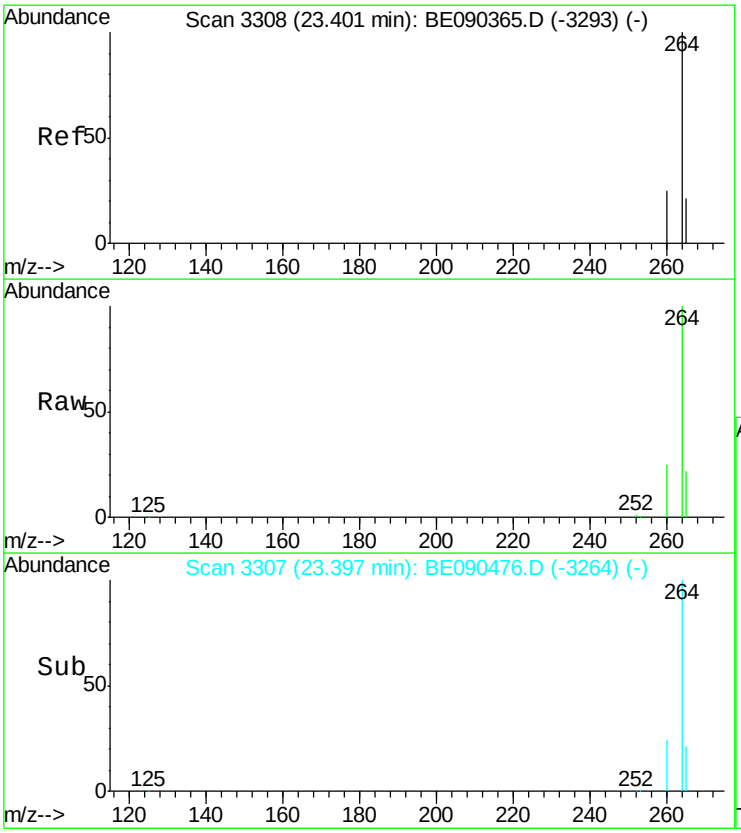
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.25 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 86

Ion	Ratio	Lower	Upper
276	100		
138	9.3	18.8	28.2#
277	3.5	18.2	27.4#

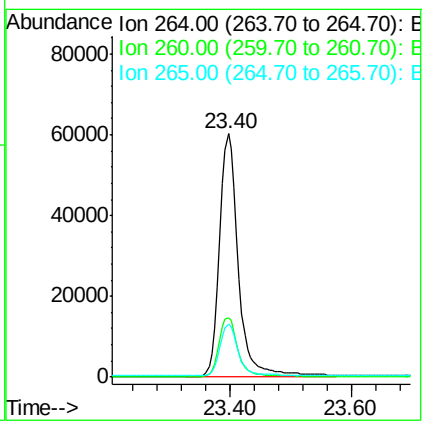


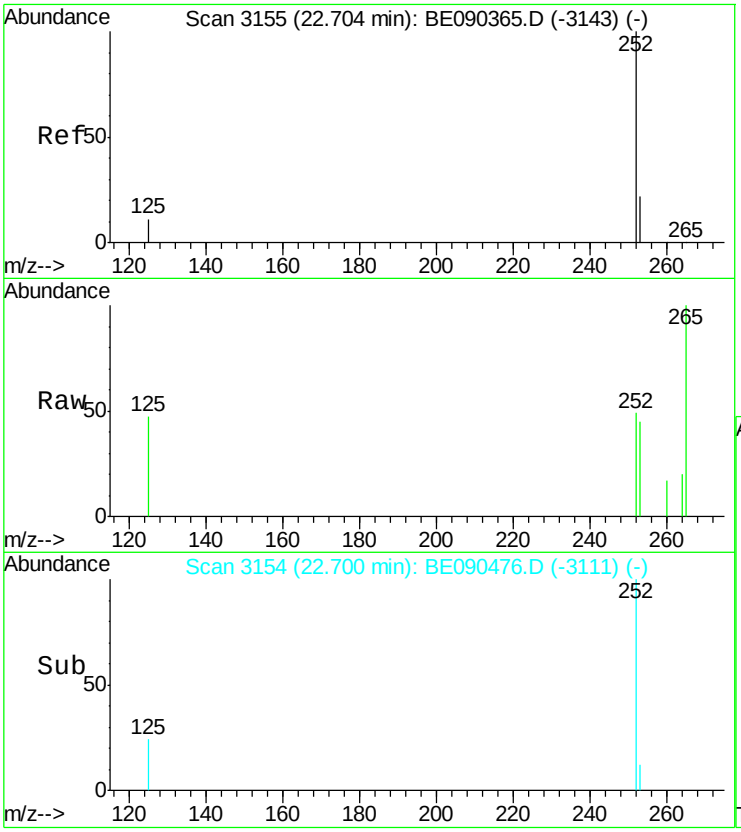


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3307
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion:264 Resp: 131139

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.6	17.2	25.8



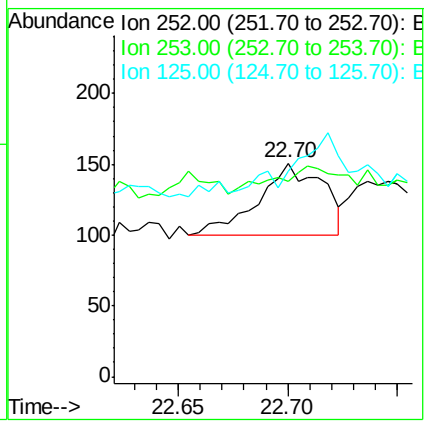


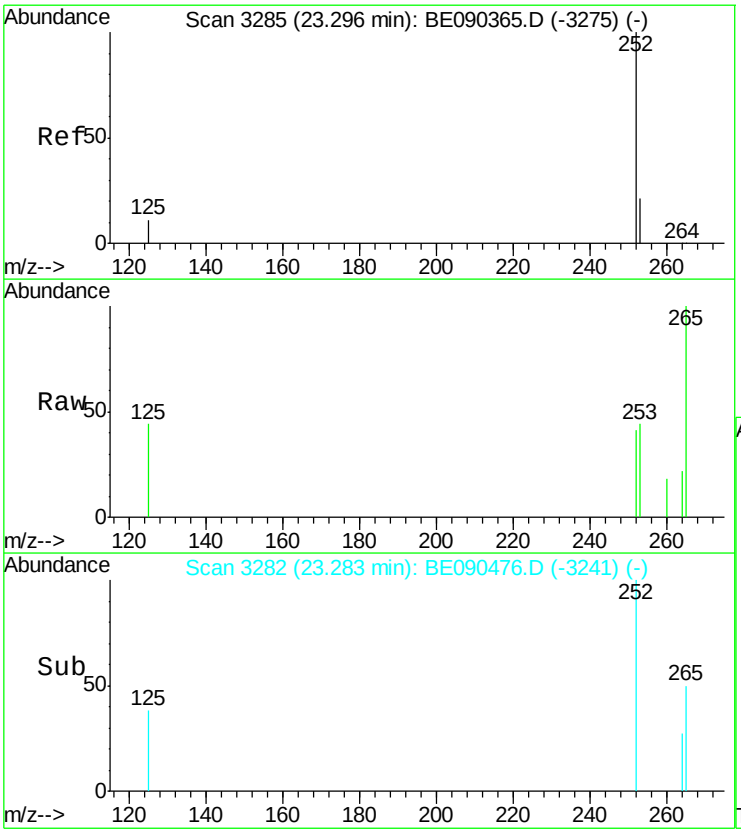
#33
Benzo(b)fluoranthene
Concen: 0.20 ng
RT: 22.70 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 104

Ion	Ratio	Lower	Upper
252	100		
253	91.4	18.1	27.1#
125	96.0	9.4	14.2#

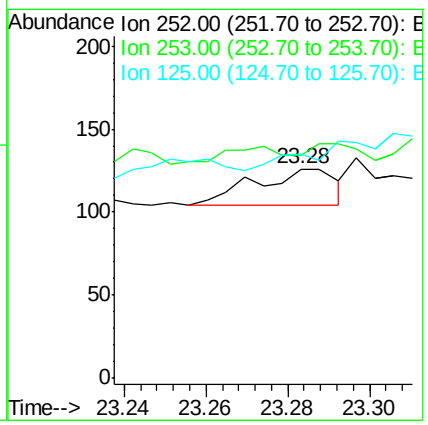


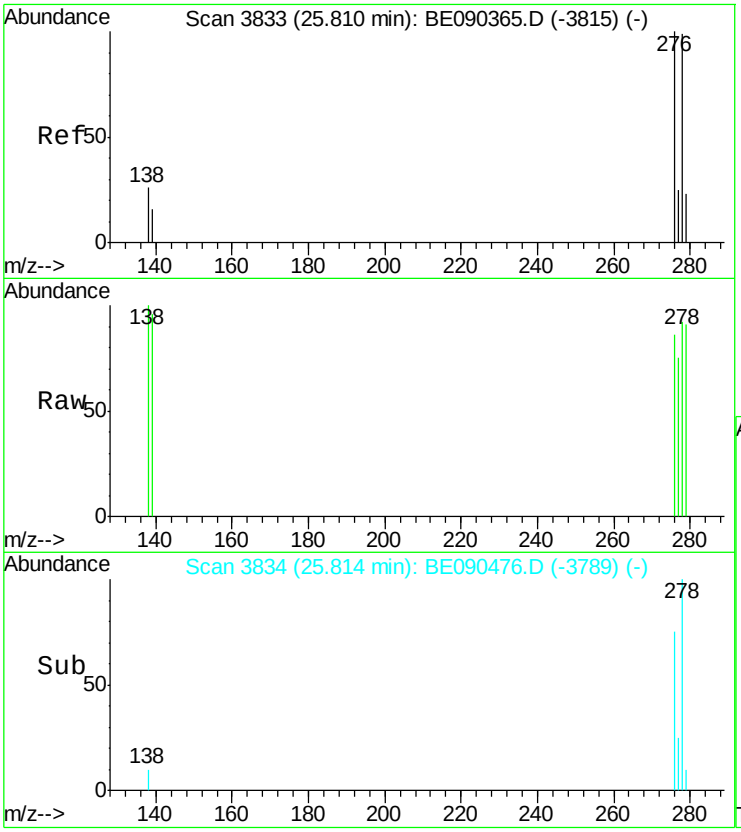


#35
Benzo(a)pyrene
Concen: 0.23 ng
RT: 23.28 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Tgt Ion:252 Resp: 31

Ion	Ratio	Lower	Upper
252	100		
253	106.3	17.6	26.4#
125	107.1	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.81 min Scan# 3834
Delta R.T. 0.00 min
Lab File: BE090476.D
Acq: 12 Aug 2015 20:33

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 56

Ion	Ratio	Lower	Upper
278	100		
139	104.2	14.2	21.4#
279	98.6	20.1	30.1#