Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090466.D
Acq On : 12 Aug 2015 14:18
Operator : UM/IZ
Sample : G3236-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 13 01:19:38 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	20537	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	94653	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	54285	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	129088	5.00	ng	0.00
25) Chrysene-d12	21.09	240	147807	5.00	ng	0.00
32) Perylene-d12	23.39	264	132746	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11979	3.89	ng	0.00
5) Phenol-d6	6.77	99	13130	2.15	ng	0.00
7) Nitrobenzene-d5	8.73	82	24847	3.30	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	11163	7.10	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	58736	3.93	ng	0.00
27) Terphenyl-d14	19.56	244	112221	5.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	49	Below Cal	#	26
8) Nitrobenzene	8.78	77	7	0.21	ng #	1
10) Hexachlorobutadiene	10.70	225	4	Below Cal	#	35
11) 2-Methylnaphthalene	12.03	142	443	0.04	ng #	91
21) Pentachlorophenol	16.58	266	7	0.10	ng #	68
22) Phenanthrene	16.98	178	745	0.02	ng #	74
24) Fluoranthene	18.98	202	1085	0.03	ng #	95
26) Pyrene	19.34	202	1265	0.04	ng #	94
28) Benzo(a)anthracene	21.09	228	945	0.03	ng #	70
30) Bis(2-ethylhexyl)phthalate	21.03	149	2371	0.41	ng	99
31) Indeno(1,2,3-cd)pyrene	25.79	276	297	0.26	ng #	79
33) Benzo(b)fluoranthene	22.71	252	787	0.22	ng #	1
34) Benzo(k)fluoranthene	22.71	252	787	0.02	ng #	1
35) Benzo(a)pyrene	23.29	252	350	0.24	ng #	1
36) Dibenzo(a,h)anthracene	25.79	278	128	0.29	ng #	1

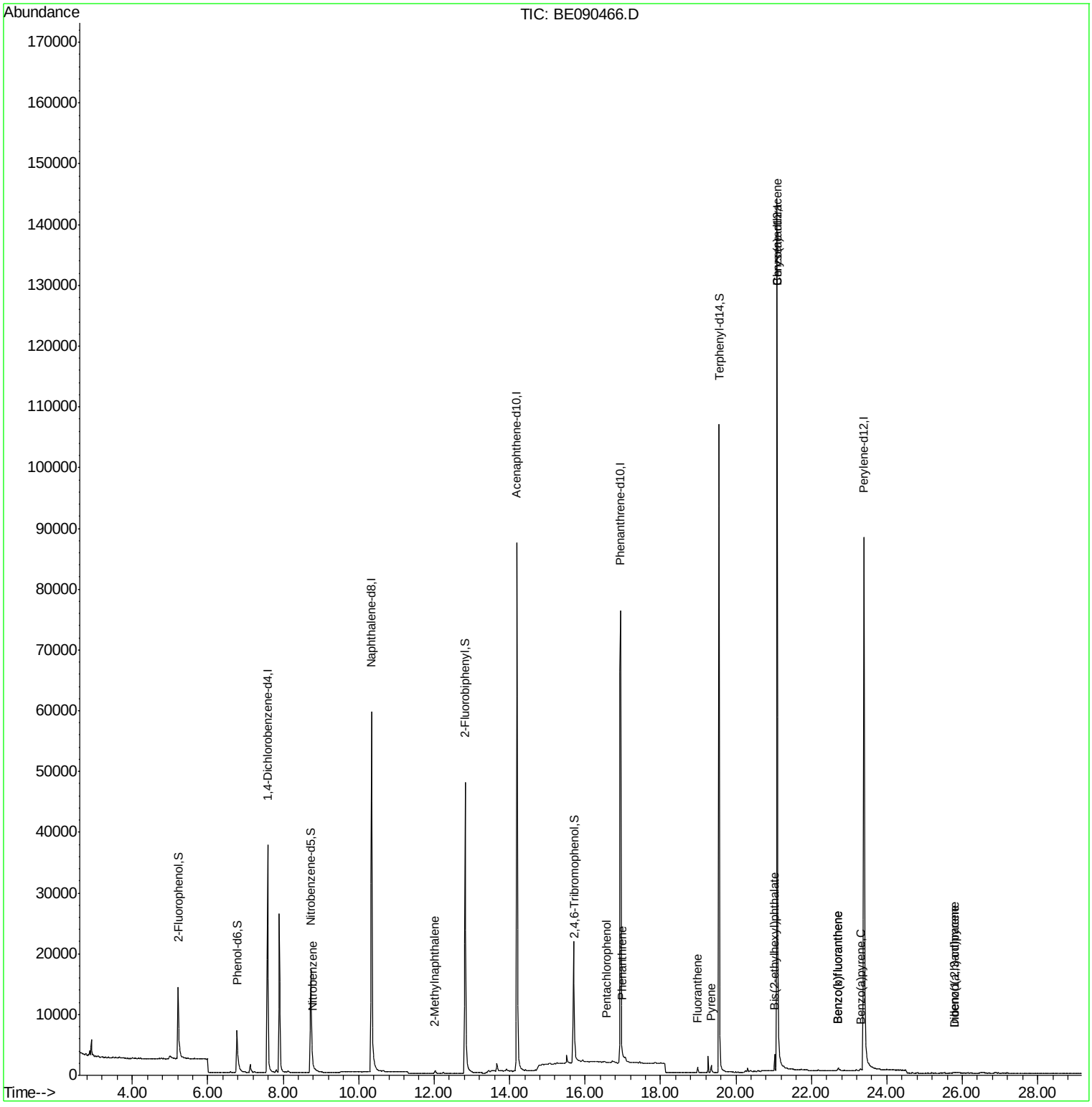
(#) = qualifier out of range (m) = manual integration (+) = signals summed

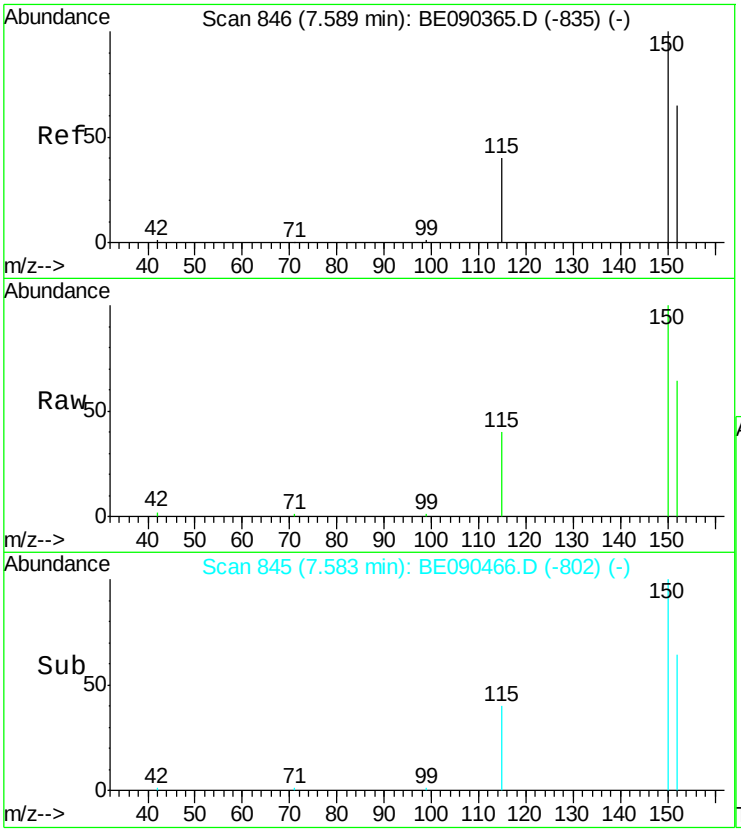
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090466.D
Acq On : 12 Aug 2015 14:18
Operator : UM/IZ
Sample : G3236-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 13 01:19:38 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



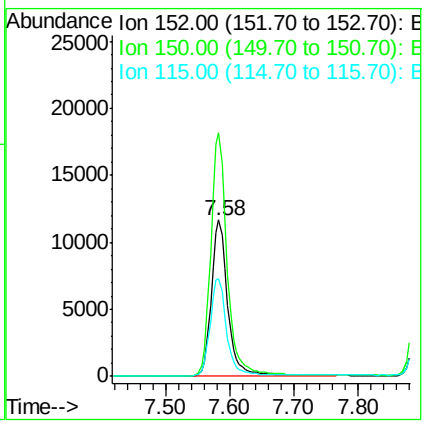


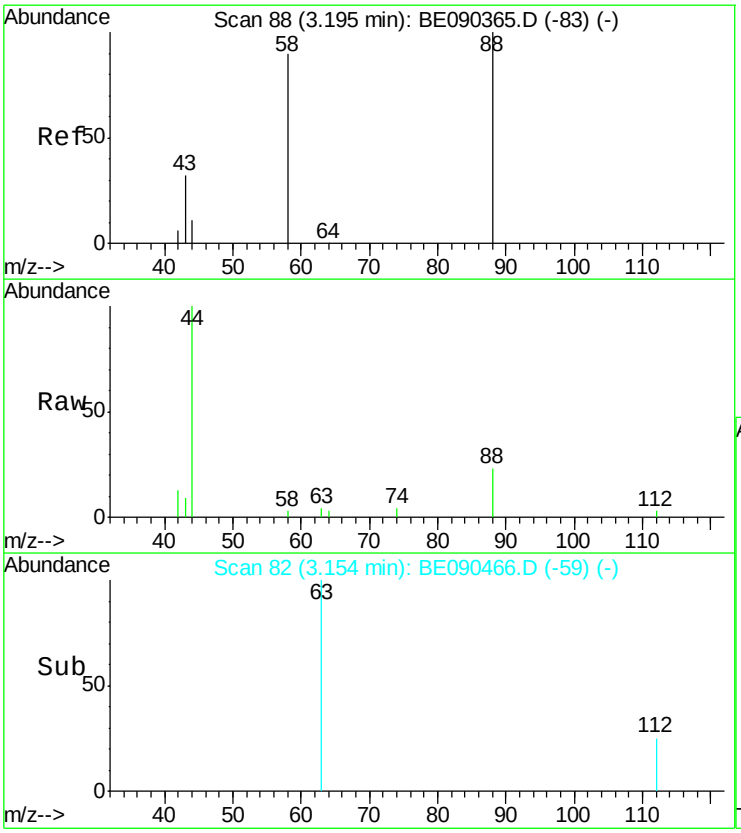
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 20537

Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.0	184.4
115	62.9	48.9	73.3

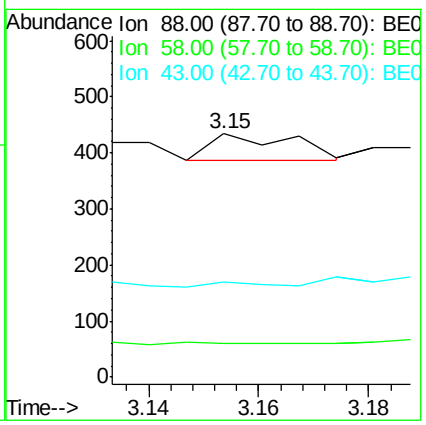


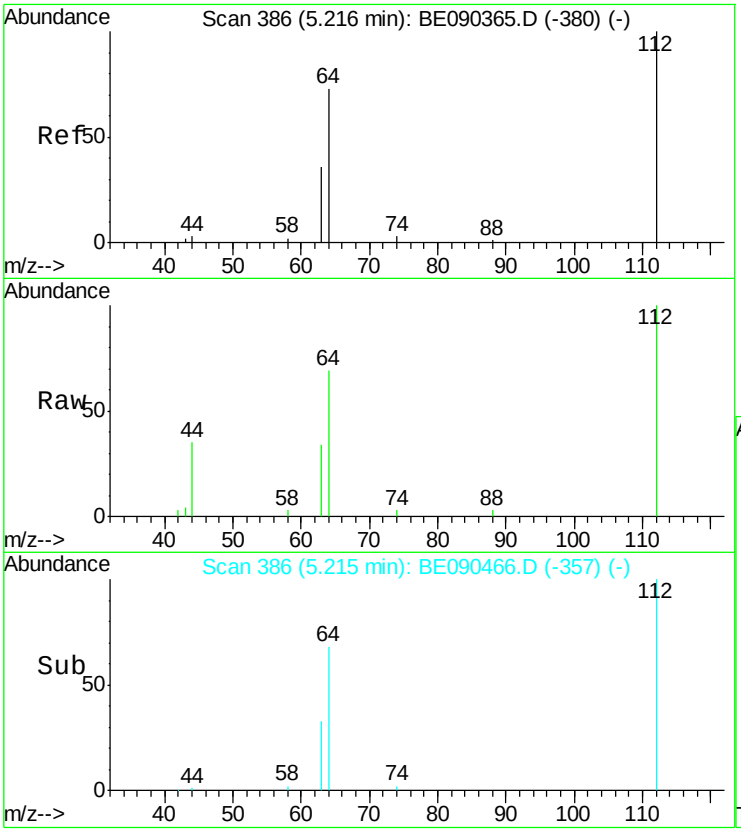


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.15 min Scan# 82
Delta R.T. -0.04 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion: 88 Resp: 49

Ion	Ratio	Lower	Upper
88	100		
58	14.3	70.0	105.0#
43	0.0	28.4	42.6#



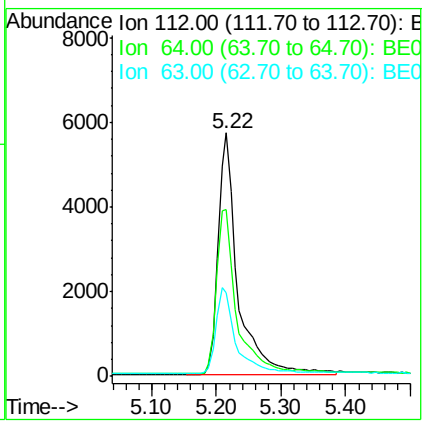


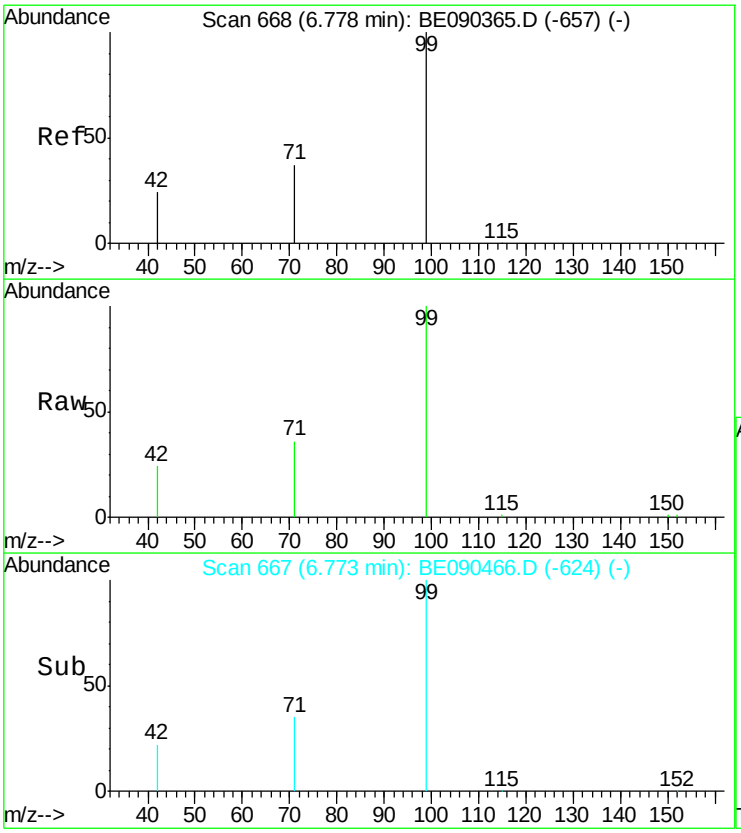
#4
2-Fluorophenol
Concen: 3.89 ng
RT: 5.22 min Scan# 386
Delta R.T. -0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 11979

Ion	Ratio	Lower	Upper
112	100		
64	71.0	37.1	55.7#
63	36.9	19.5	29.3#

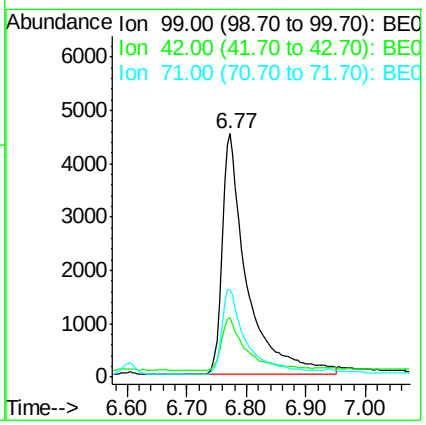


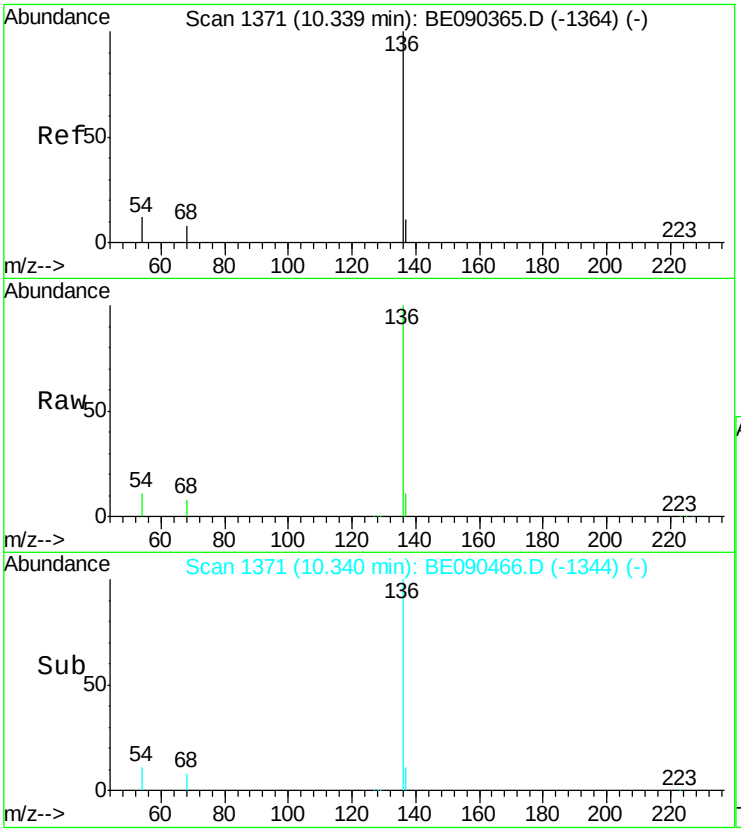


#5
Phenol-d6
Concen: 2.15 ng
RT: 6.77 min Scan# 667
Delta R.T. -0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion: 99 Resp: 13130

Ion	Ratio	Lower	Upper
99	100		
42	21.8	18.2	27.4
71	35.6	27.4	41.0



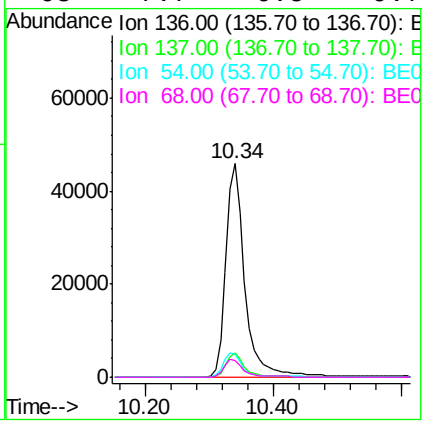


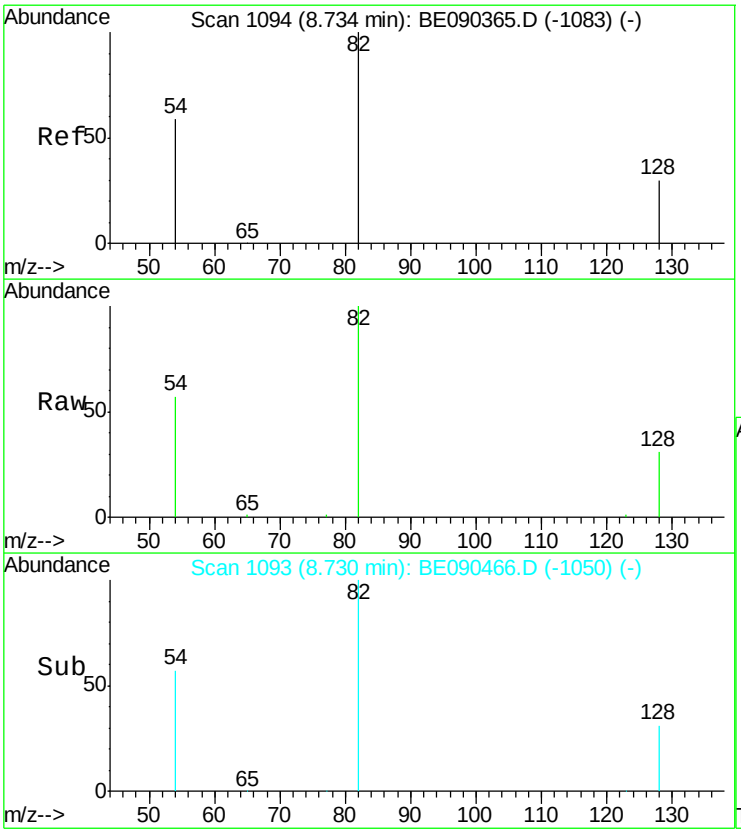
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 94653

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.9	9.4	14.0
68	7.7	6.5	9.7

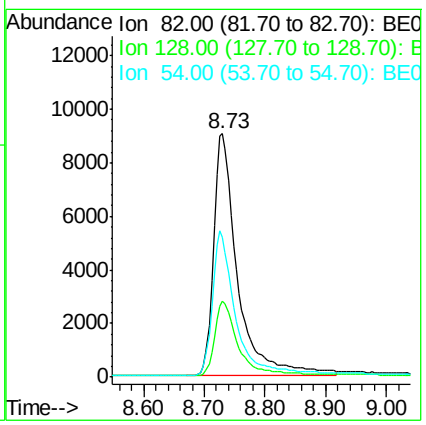


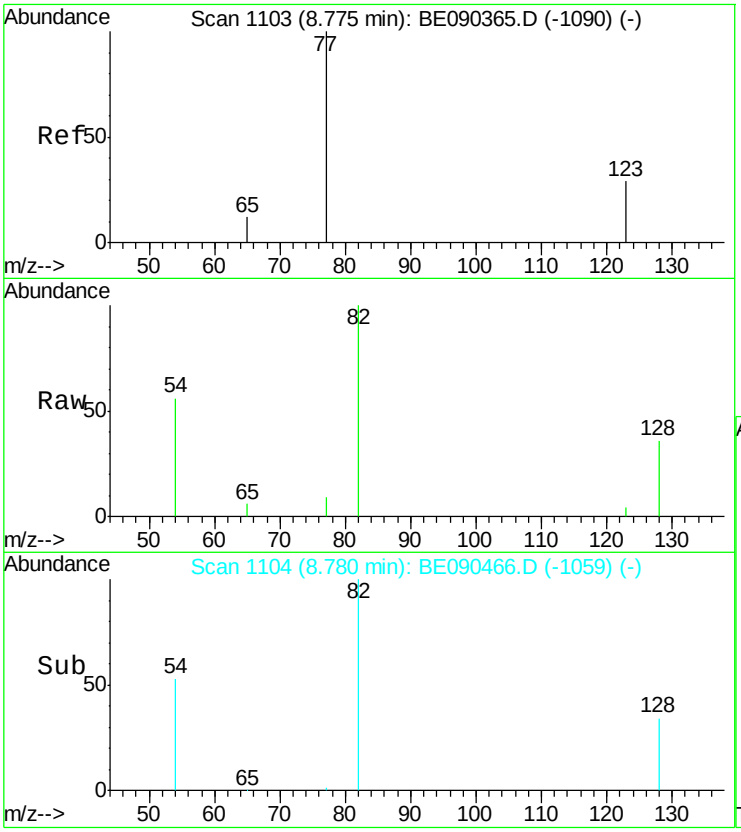


#7
Nitrobenzene-d5
Concen: 3.30 ng
RT: 8.73 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion: 82 Resp: 24847

Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.0	37.6
54	57.5	48.8	73.2



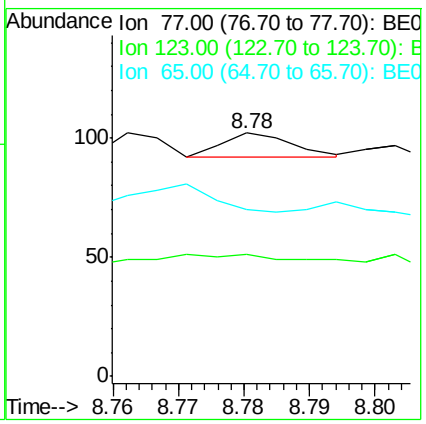


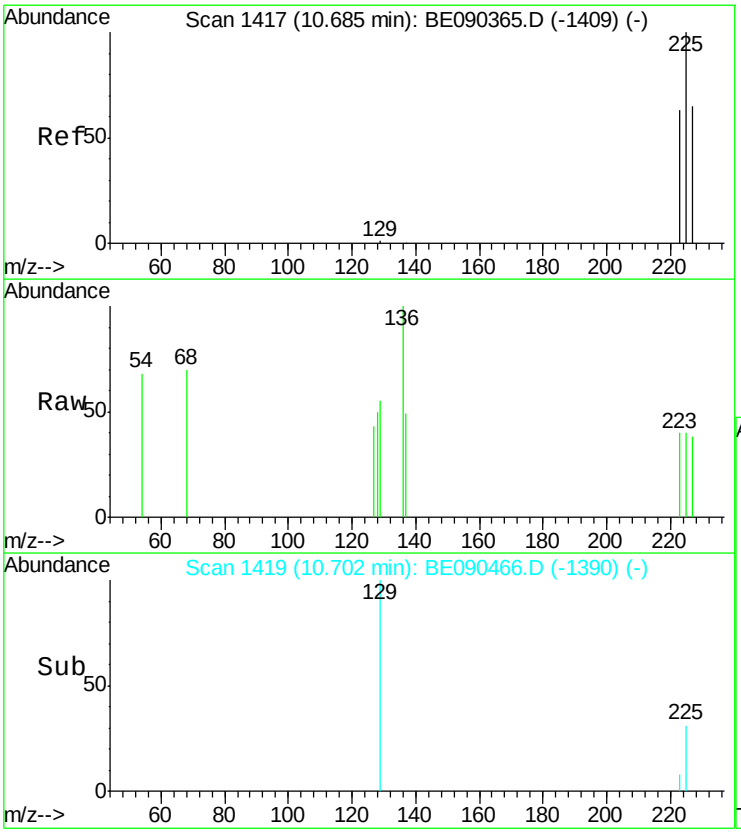
#8
Nitrobenzene
Concen: 0.21 ng
RT: 8.78 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 7

Ion	Ratio	Lower	Upper
77	100		
123	14.3	25.1	37.7#
65	142.9	9.3	13.9#

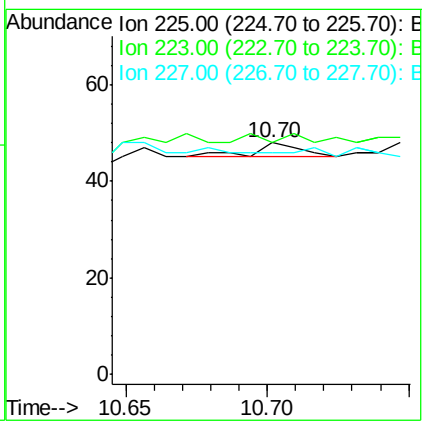


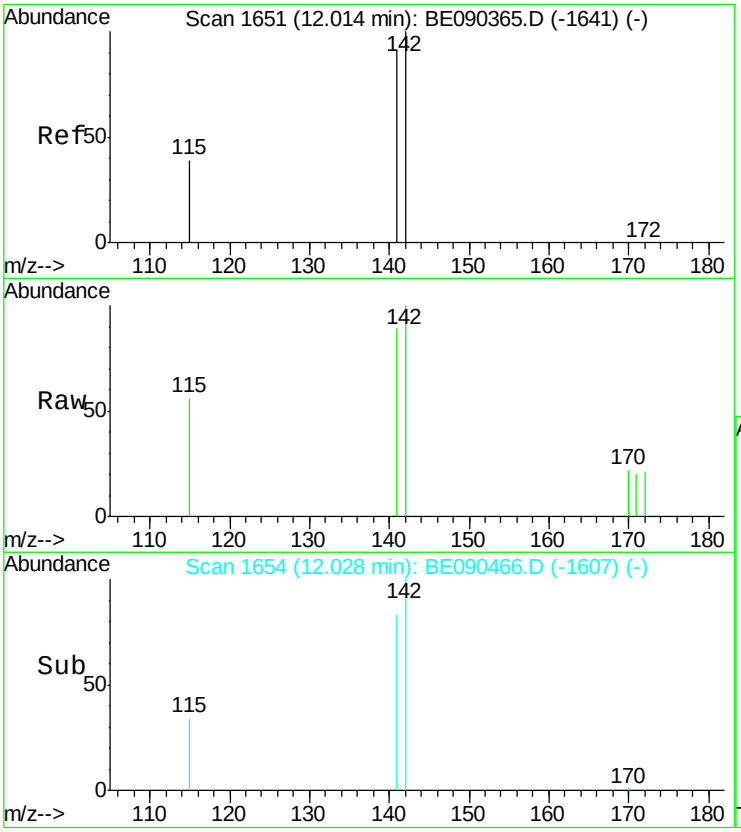


#10
Hexachlorobutadiene
Concen: Below Cal
RT: 10.70 min Scan# 1419
Delta R.T. 0.02 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	25.0	50.6	75.8#
227	0.0	50.7	76.1#



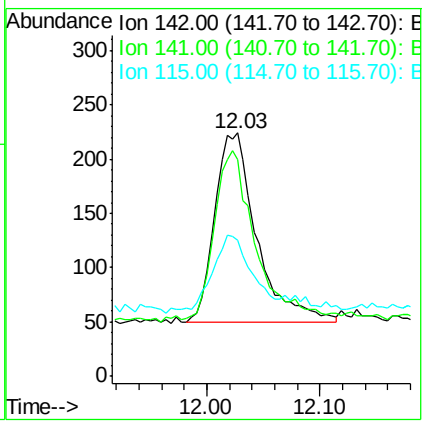


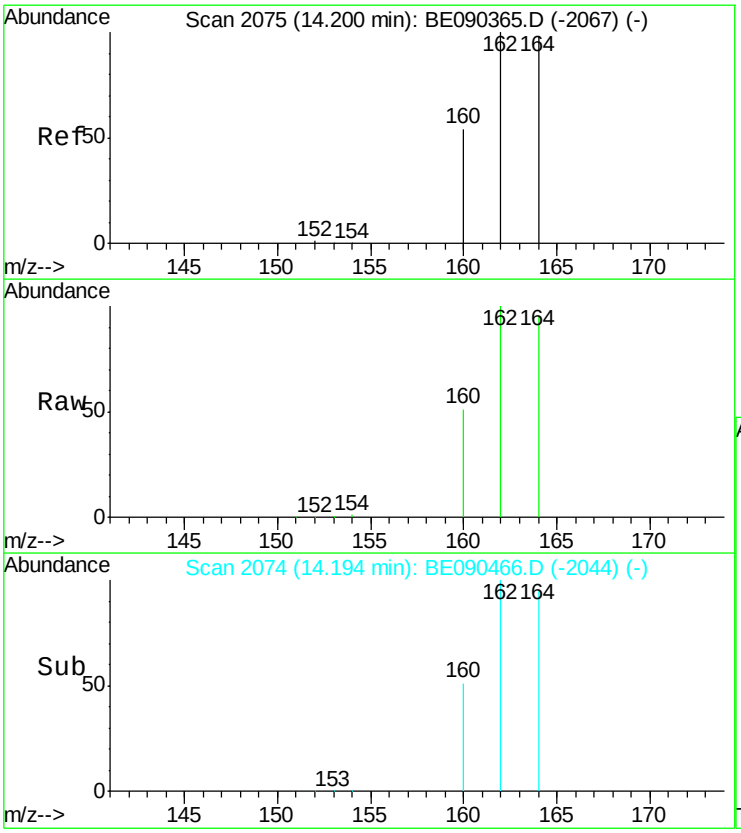
#11
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.03 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 443

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	109.0
115	55.8	31.6	47.4#

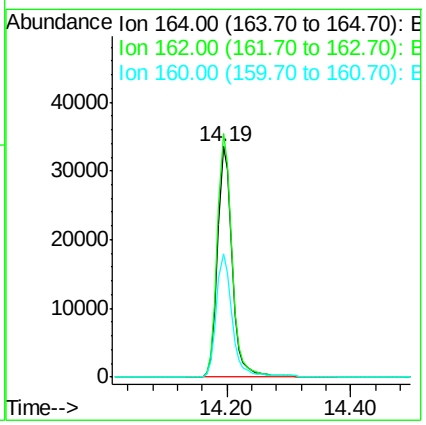


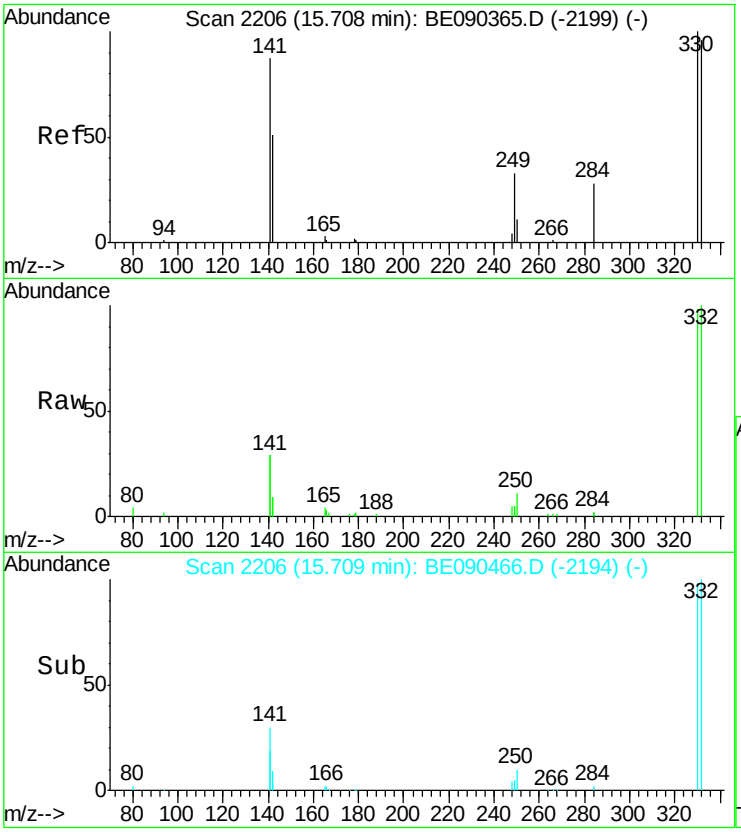


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:164 Resp: 54285

Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.8	122.8
160	53.5	44.2	66.4



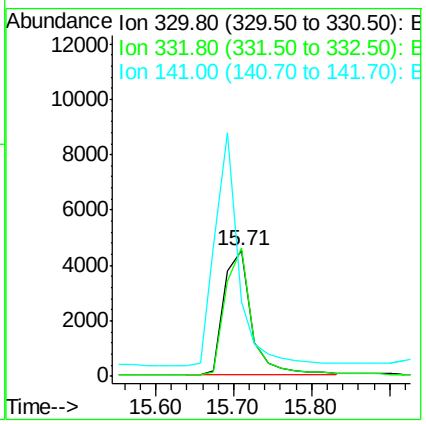


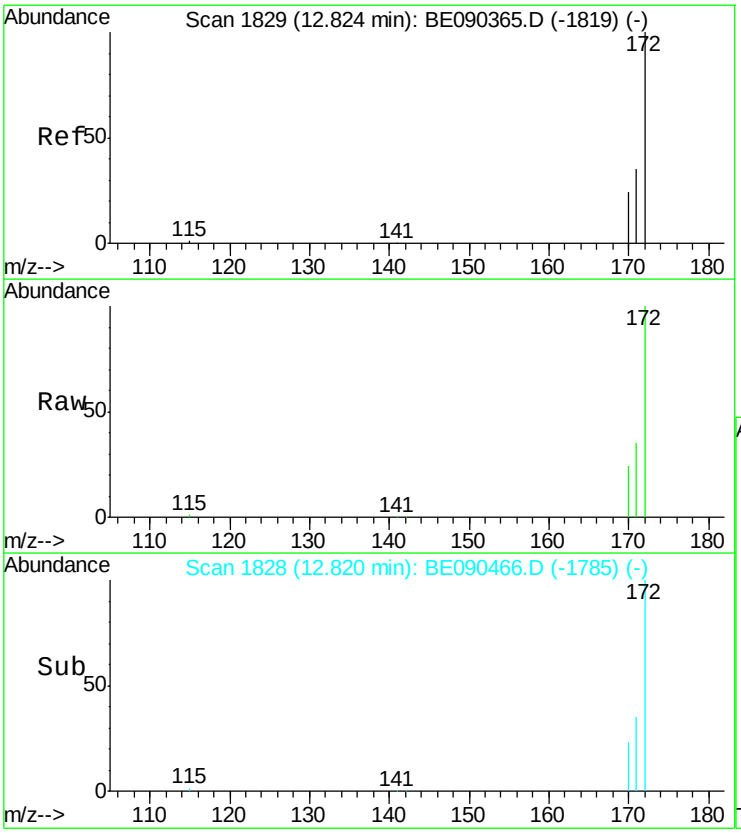
#13
2,4,6-Tribromophenol
Concen: 7.10 ng
RT: 15.71 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 11163

Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.8	113.6
141	161.7	114.4	171.6

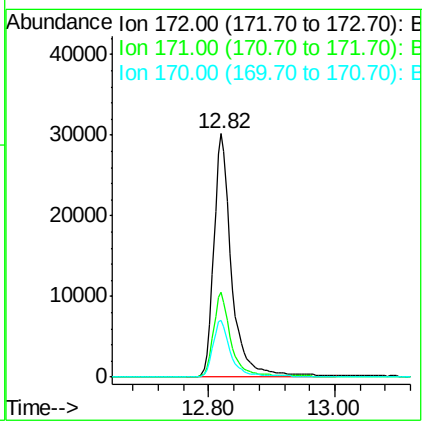


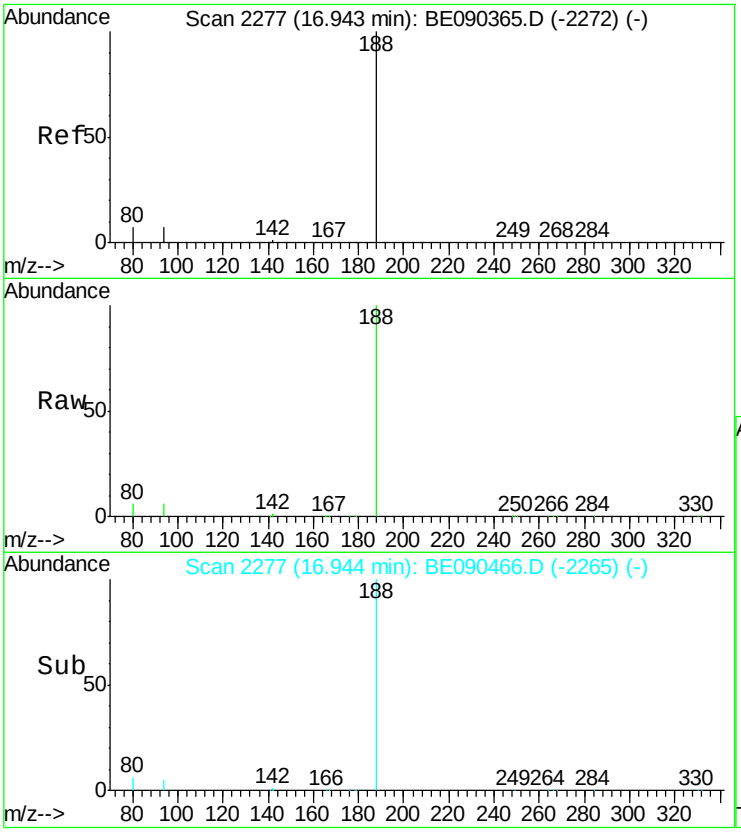


#14
2-Fluorobiphenyl
Concen: 3.93 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:172 Resp: 58736

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.5	19.8	29.8



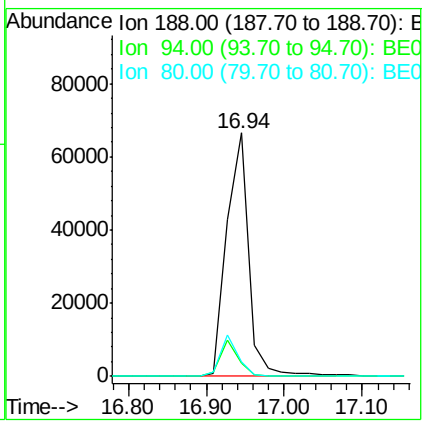


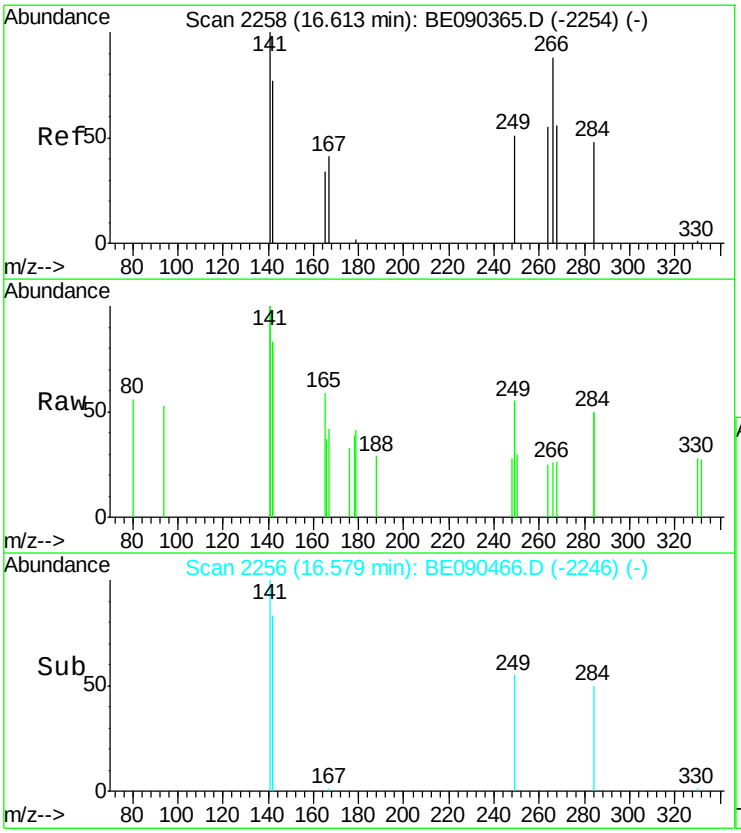
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. 0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 129088

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	5.8	5.8	8.8#

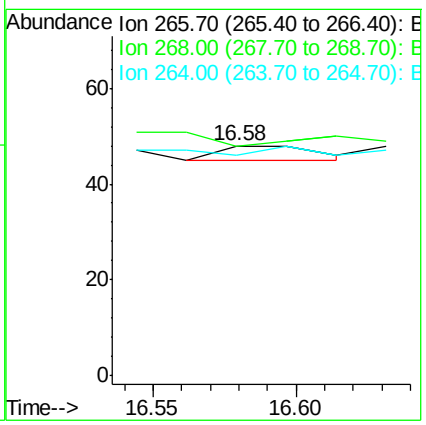


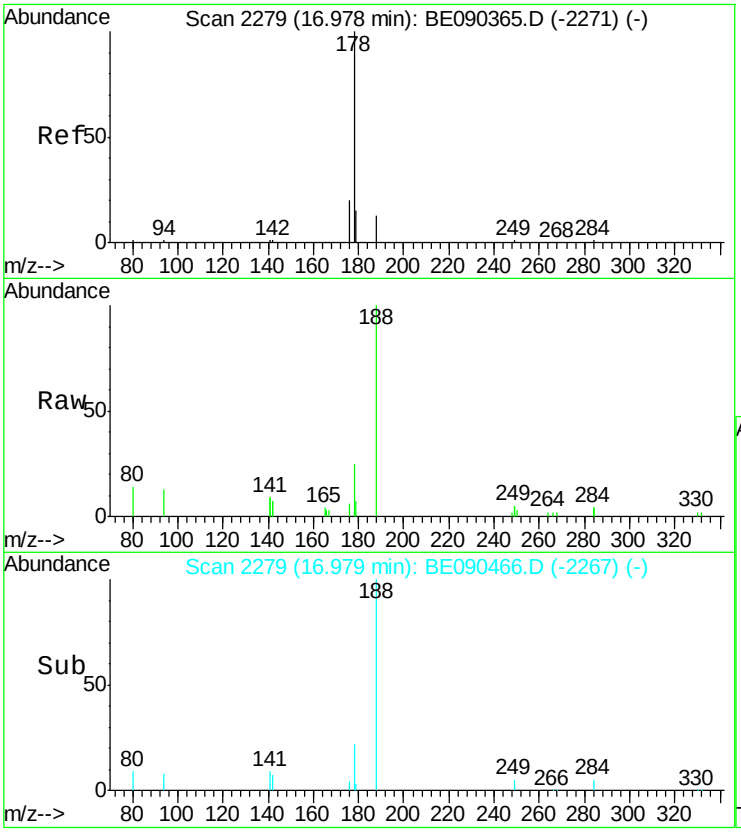


#21
Pentachlorophenol
Concen: 0.10 ng
RT: 16.58 min Scan# 2256
Delta R.T. -0.03 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:266 Resp: 7

Ion	Ratio	Lower	Upper
266	100		
268	100.0	58.5	87.7#
264	95.8	56.0	84.0#



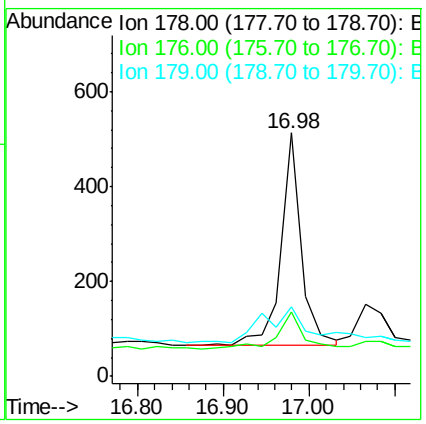


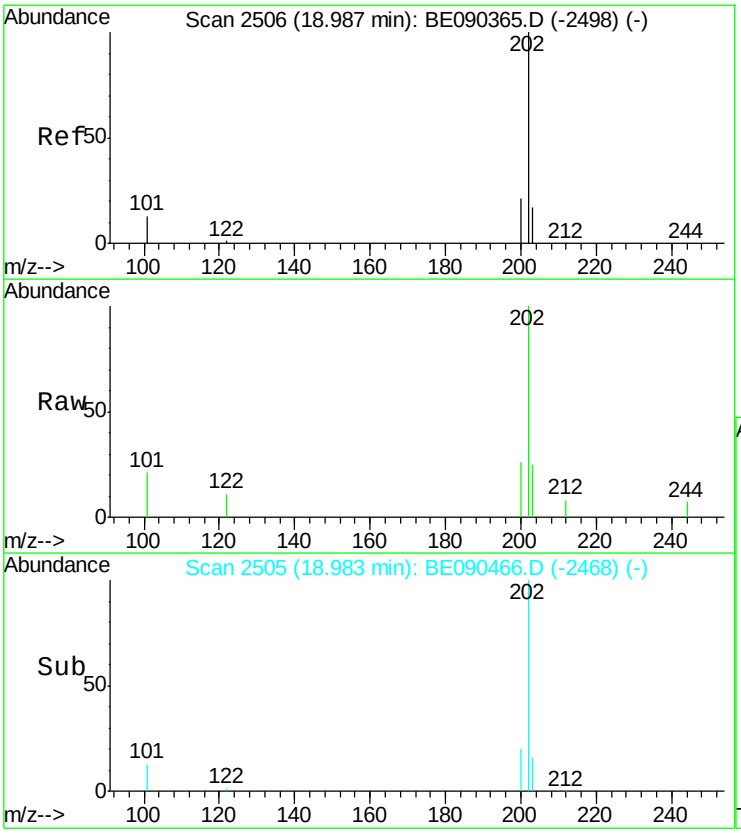
#22
Phenanthrene
Concen: 0.02 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 745

Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.4	23.2
179	36.4	12.5	18.7#

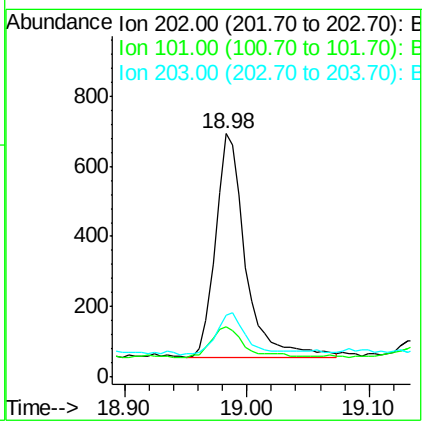


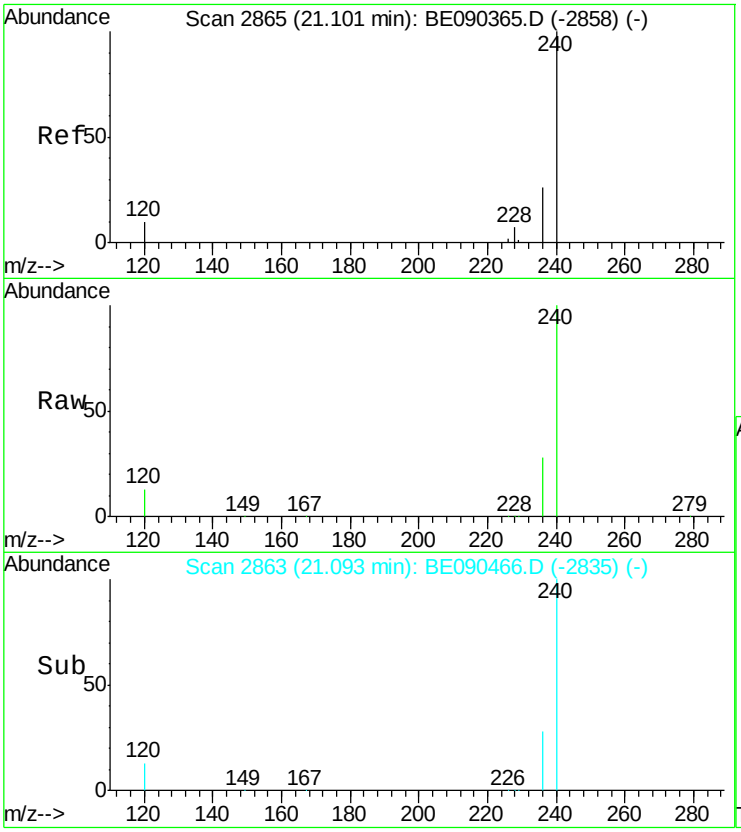


#24
Fluoranthene
Concen: 0.03 ng
RT: 18.98 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:202 Resp: 1085

Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.3	15.5#
203	17.8	13.7	20.5



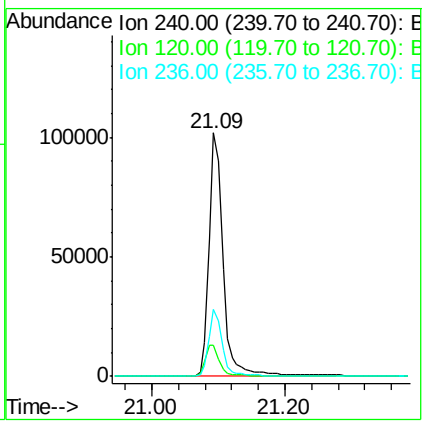


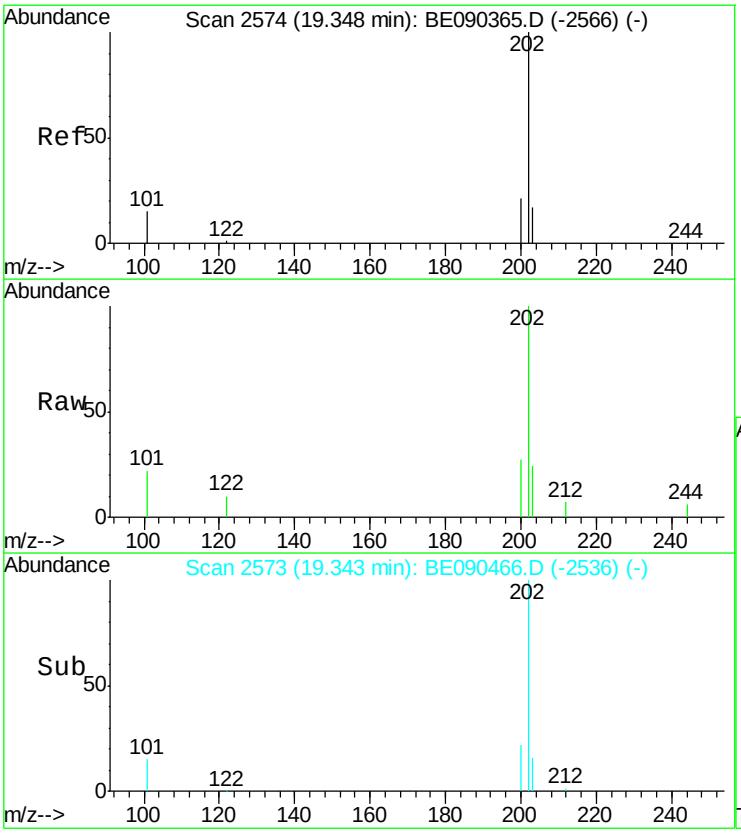
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 147807

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	27.6	21.0	31.4

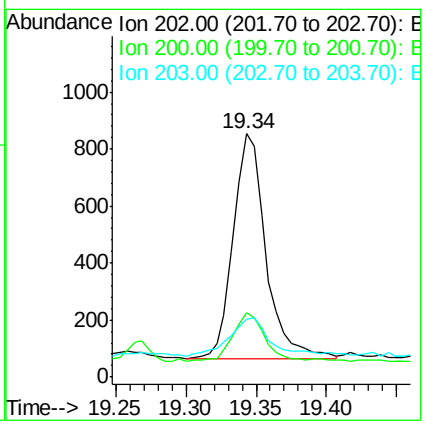


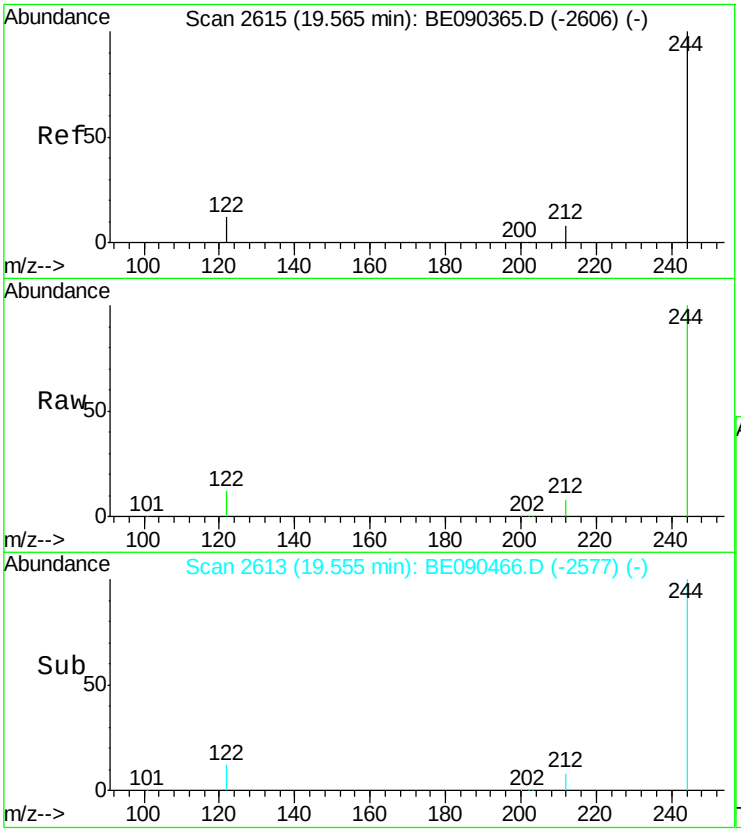


#26
Pyrene
Concen: 0.04 ng
RT: 19.34 min Scan# 2573
Delta R.T. -0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:202 Resp: 1265

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	22.8	13.8	20.8#



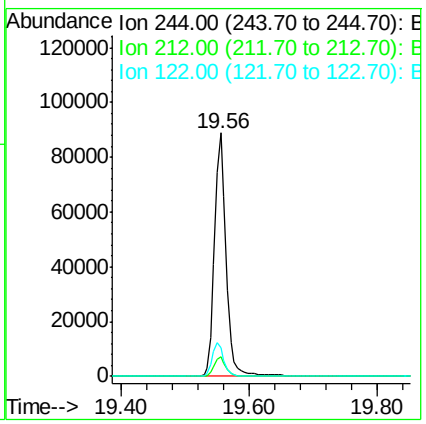


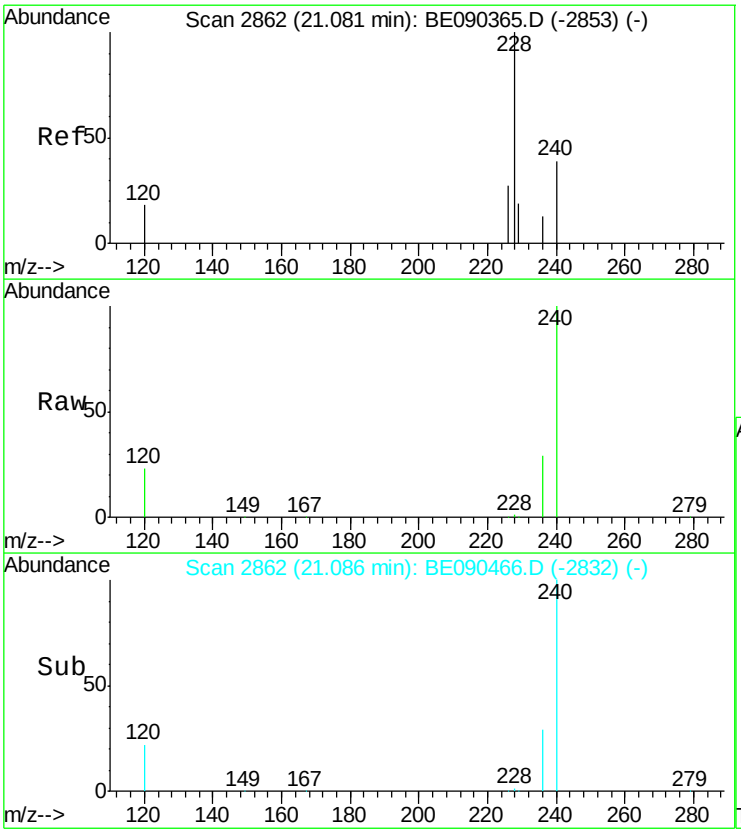
#27
Terphenyl-d14
Concen: 5.15 ng
RT: 19.56 min Scan# 2613
Delta R.T. -0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 112221

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	11.8	10.2	15.4

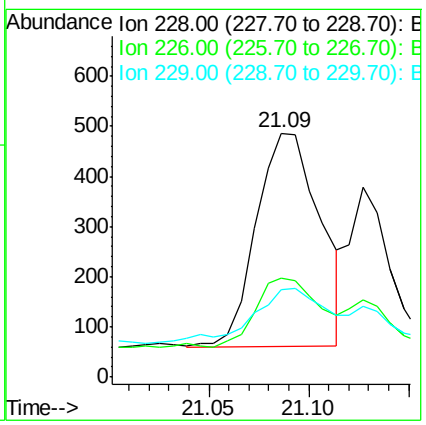


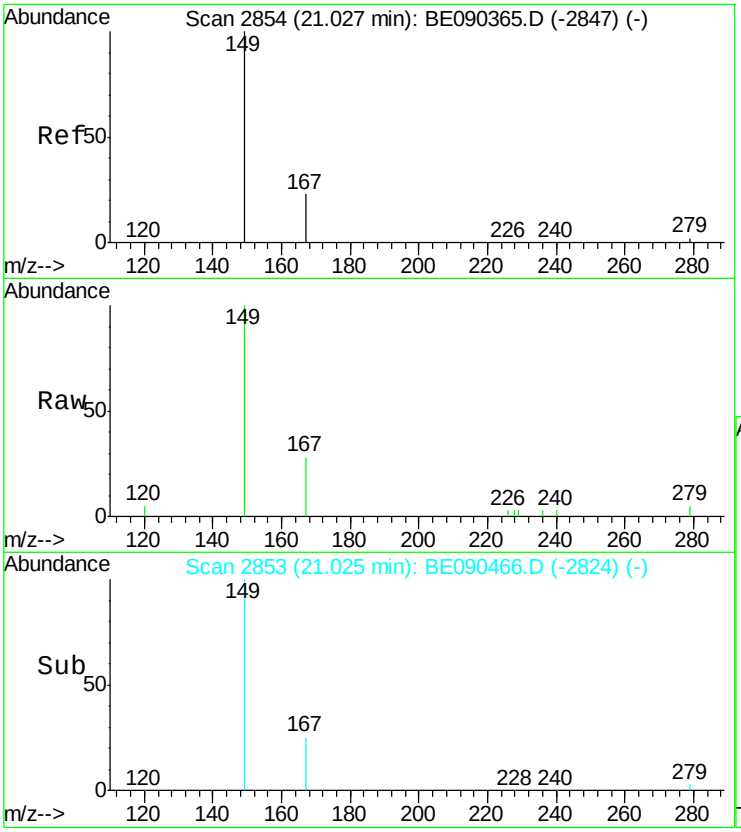


#28
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.09 min Scan# 2862
Delta R.T. 0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:228 Resp: 945

Ion	Ratio	Lower	Upper
228	100		
226	40.5	21.9	32.9#
229	36.0	15.4	23.0#



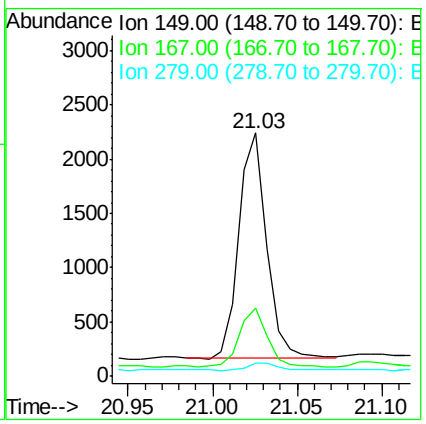


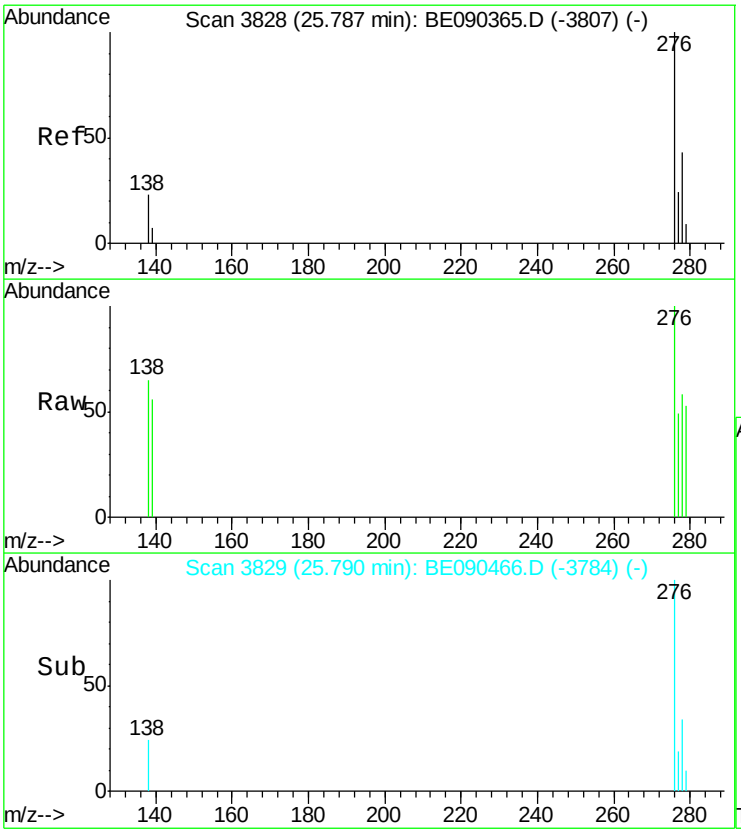
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.41 ng
RT: 21.03 min Scan# 2853
Delta R.T. -0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 2371

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

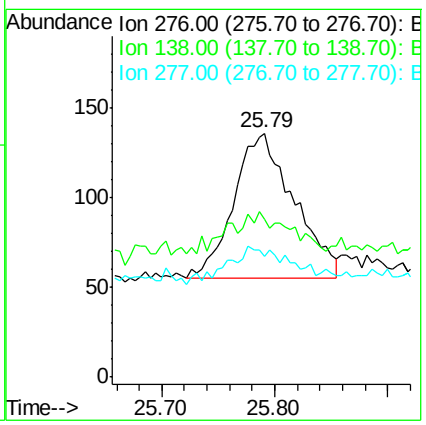


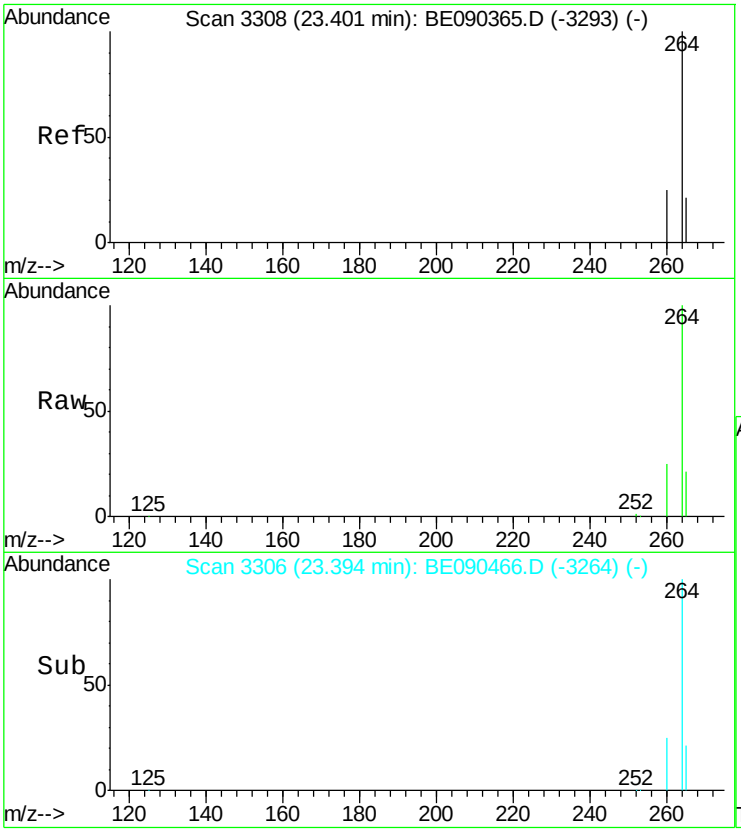


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 25.79 min Scan# 3829
Delta R.T. 0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:276 Resp: 297

Ion	Ratio	Lower	Upper
276	100		
138	4.0	18.8	28.2#
277	21.5	18.2	27.4



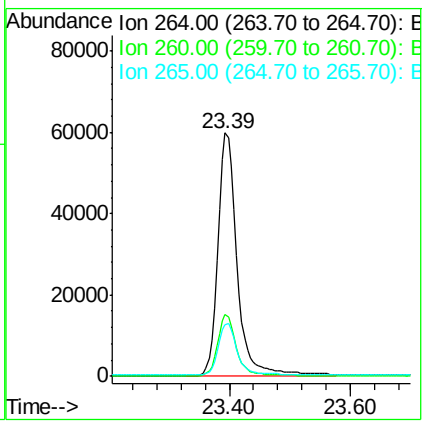


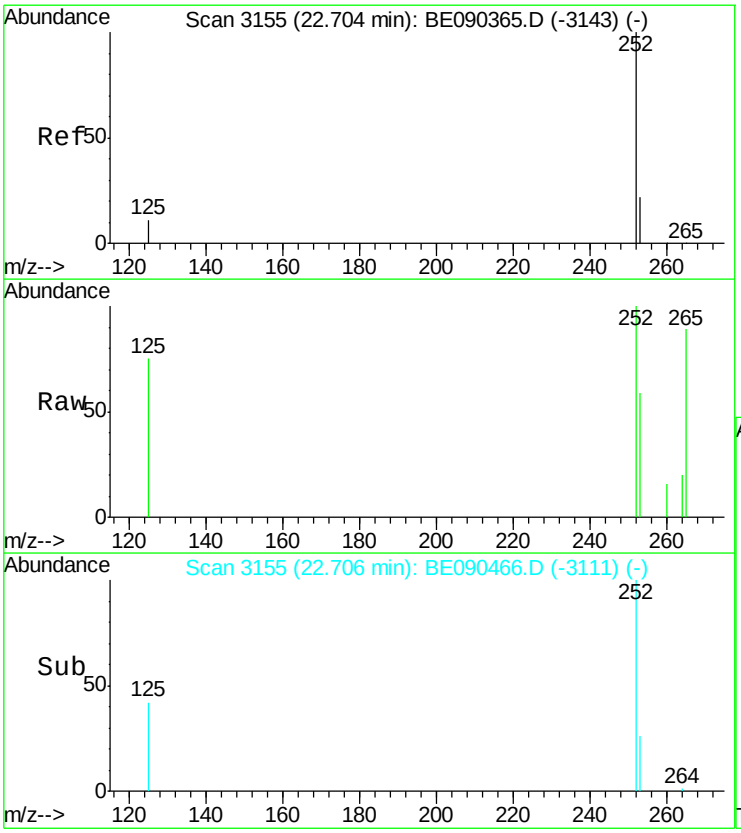
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.39 min Scan# 3306
Delta R.T. -0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 132746

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.4	17.2	25.8

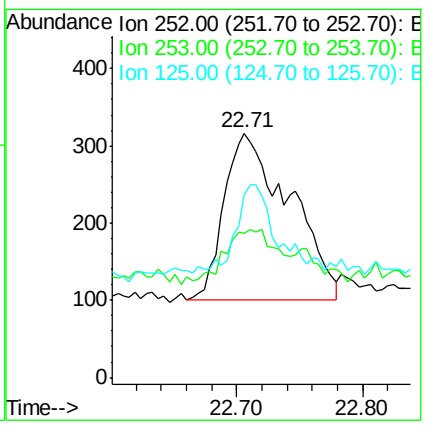


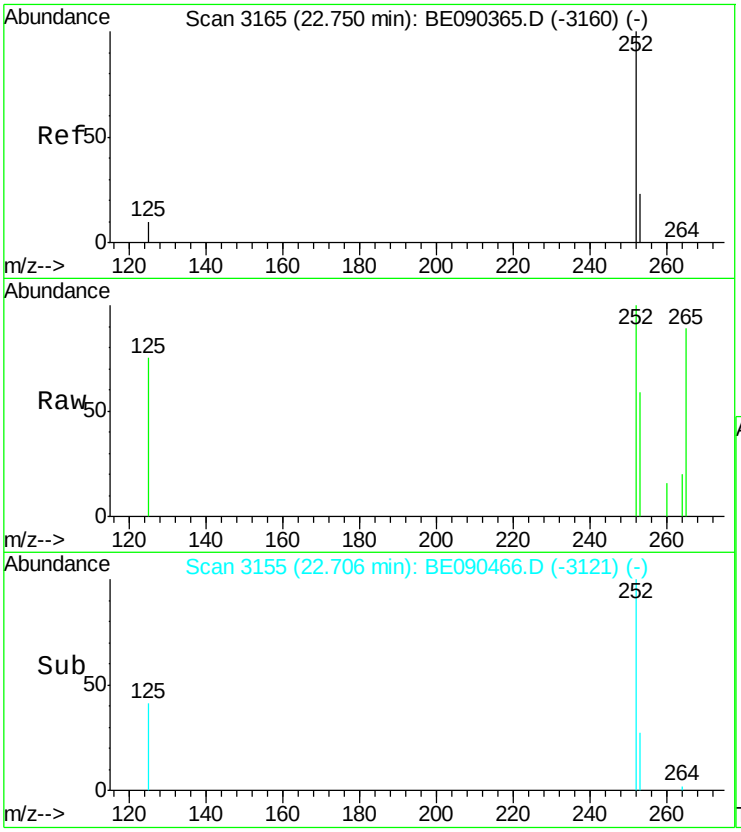


#33
Benzo(b)fluoranthene
Concen: 0.22 ng
RT: 22.71 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:252 Resp: 787

Ion	Ratio	Lower	Upper
252	100		
253	58.9	18.1	27.1#
125	74.7	9.4	14.2#



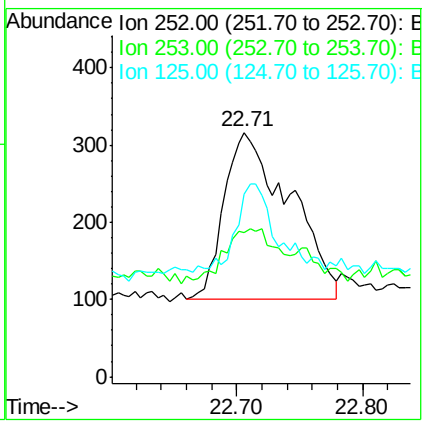


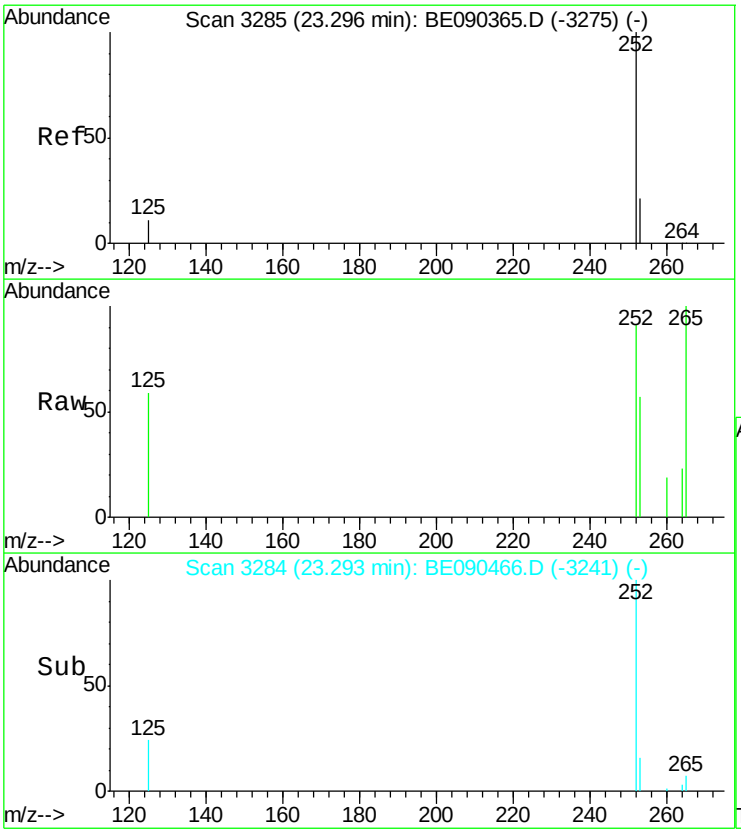
#34
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 22.71 min Scan# 3155
Delta R.T. -0.04 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 787

Ion	Ratio	Lower	Upper
252	100		
253	58.9	18.1	27.1#
125	74.7	9.1	13.7#

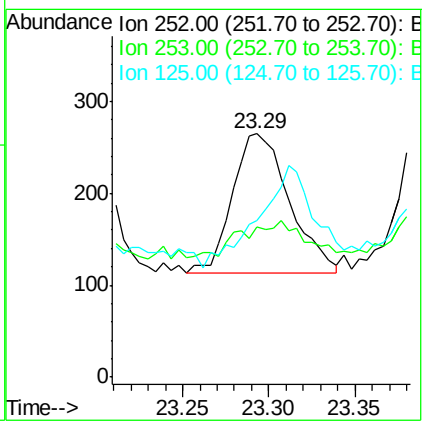


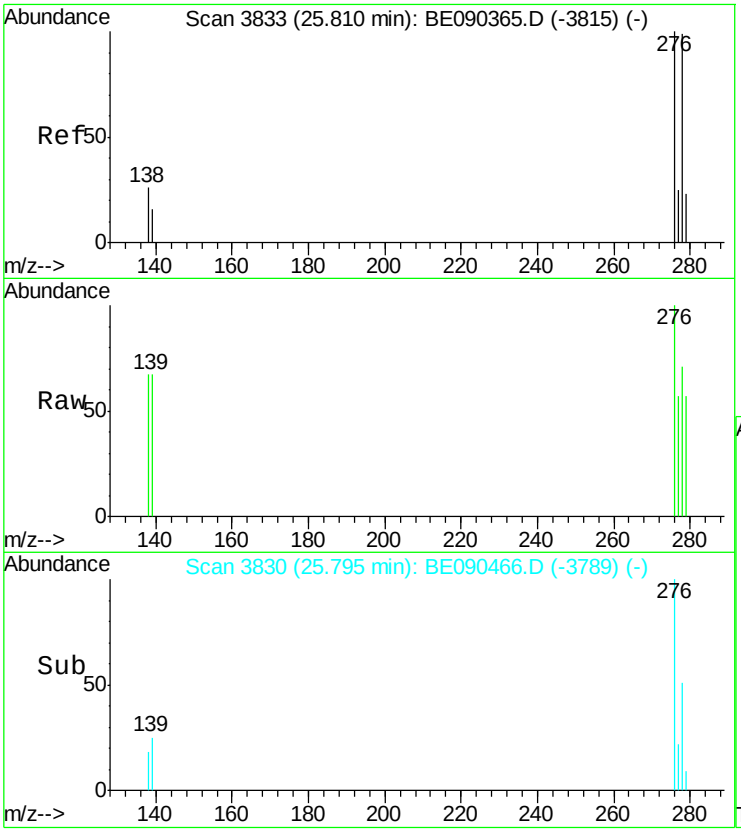


#35
Benzo(a)pyrene
Concen: 0.24 ng
RT: 23.29 min Scan# 3284
Delta R.T. -0.00 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Tgt Ion:252 Resp: 350

Ion	Ratio	Lower	Upper
252	100		
253	61.9	17.6	26.4#
125	64.5	9.8	14.6#





#36
Dibenzo(a,h)anthracene
Concen: 0.29 ng
RT: 25.79 min Scan# 3830
Delta R.T. -0.01 min
Lab File: BE090466.D
Acq: 12 Aug 2015 14:18

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 128

Ion	Ratio	Lower	Upper
278	100		
139	94.3	14.2	21.4#
279	80.7	20.1	30.1#