Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090368.D
Acq On : 5 Aug 2015 20:29
Operator : TP/UM
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Aug 06 01:49:52 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 01:43:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	38952	5.00	ng		0.00
6) Naphthalene-d8	10.34	136	181131	5.00	ng		0.00
12) Acenaphthene-d10	14.20	164	104442	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	239169	5.00	ng		0.00
25) Chrysene-d12	21.10	240	296330	5.00	ng		0.00
32) Perylene-d12	23.41	264	275322	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	76230	10.62	ng		0.00
5) Phenol-d6	6.76	99	131041	14.23	ng		-0.01
7) Nitrobenzene-d5	8.72	82	153597	14.18	ng		-0.01
13) 2,4,6-Tribromophenol	15.69	330	35724	12.96	ng		-0.02
14) 2-Fluorobiphenyl	12.82	172	297635	9.89	ng		0.00
27) Terphenyl-d14	19.56	244	470066	8.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.20	88	45405	10.26	ng		98
3) n-Nitrosodimethylamine	3.48	42	67096	10.32	ng	#	87
8) Nitrobenzene	8.76	77	163840	14.69	ng		94
9) Naphthalene	10.38	128	376605	9.64	ng		98
10) Hexachlorobutadiene	10.69	225	60315	11.13	ng		100
11) 2-Methylnaphthalene	12.00	142	257797	10.80	ng		98
15) Acenaphthylene	13.91	152	1840706	10.19	ng		99
16) Acenaphthene	14.26	154	256596	9.72	ng		86
17) Fluorene	15.26	166	336218	10.31	ng		98
19) 4-Bromophenyl-phenylether	16.14	248	102625	11.45	ng		97
20) Hexachlorobenzene	16.27	284	443222	12.42	ng		98
21) Pentachlorophenol	16.60	266	44420	11.78	ng	#	89
22) Phenanthrene	16.98	178	570609	10.31	ng		100
23) Anthracene	17.07	178	555253	11.35	ng		100
24) Fluoranthene	18.98	202	656986	11.87	ng		99
26) Pyrene	19.35	202	692170	8.96	ng		99
28) Benzo(a)anthracene	21.09	228	706163	12.29	ng		98
29) Chrysene	21.13	228	723202	10.85	ng		98
30) Bis(2-ethylhexyl)phthalate	21.03	149	330370	9.45	ng		98
31) Indeno(1,2,3-cd)pyrene	25.79	276	752186	13.10	ng		96
33) Benzo(b)fluoranthene	22.70	252	640984	11.55	ng		98
34) Benzo(k)fluoranthene	22.75	252	778976	10.52	ng		99
35) Benzo(a)pyrene	23.30	252	613088	12.03	ng		100
36) Dibenzo(a,h)anthracene	25.81	278	607524	12.44	ng		97
37) Benzo(g,h,i)perylene	26.53	276	636624	12.10	ng		98

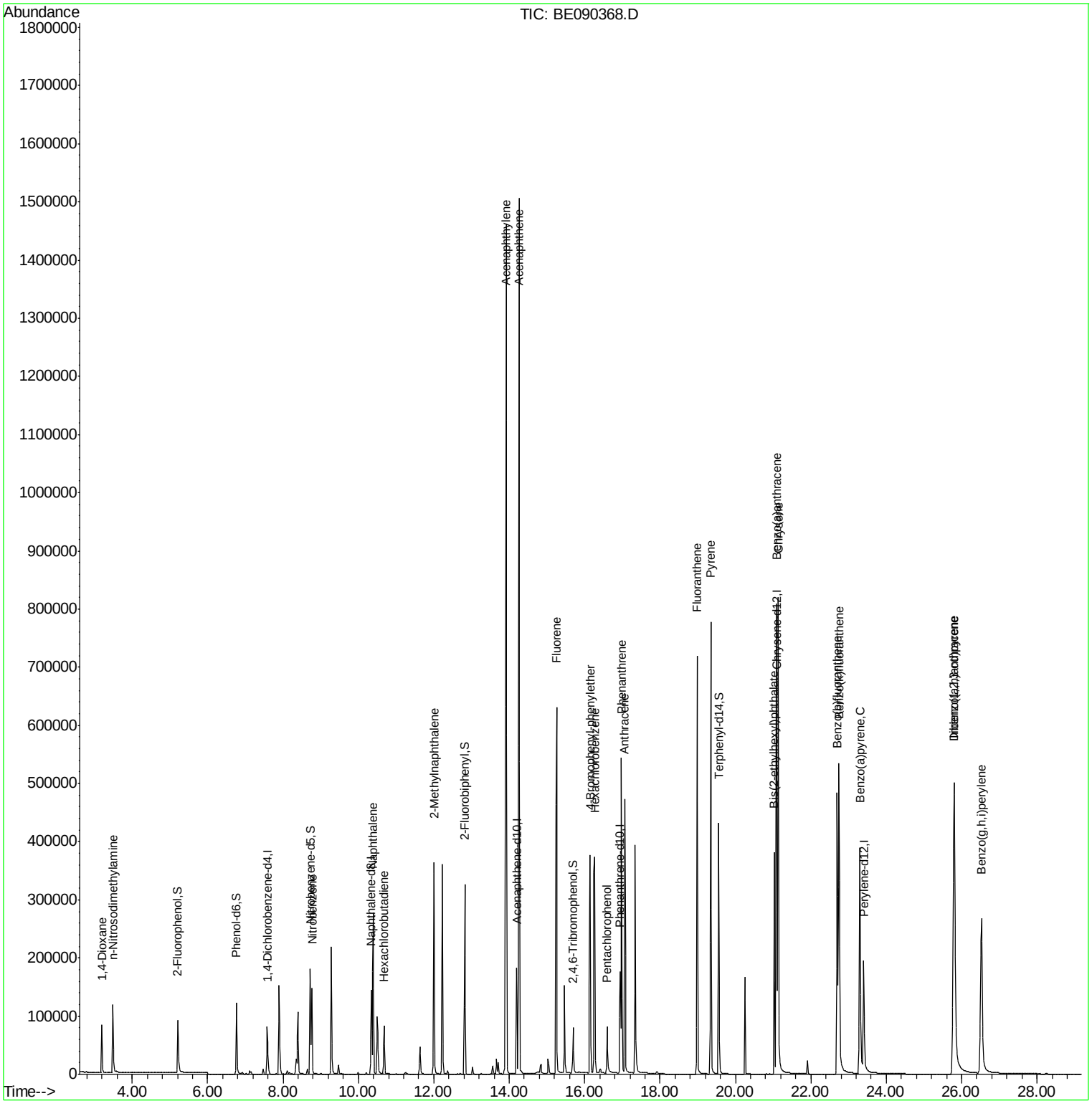
(#) = qualifier out of range (m) = manual integration (+) = signals summed

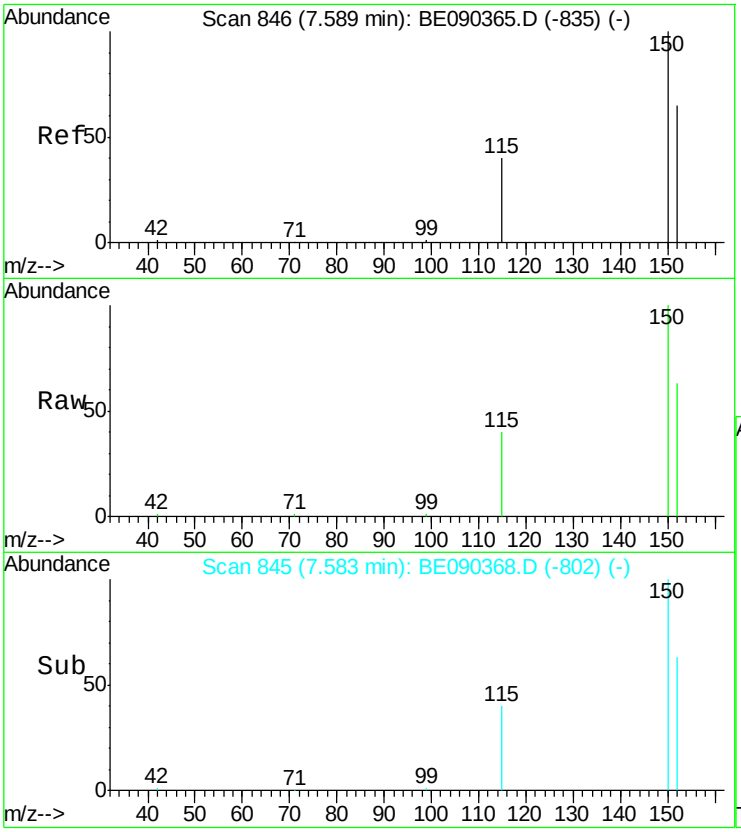
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080515\
Data File : BE090368.D
Acq On : 5 Aug 2015 20:29
Operator : TP/UM
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 01:49:52 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 01:43:02 2015
Response via : Initial Calibration



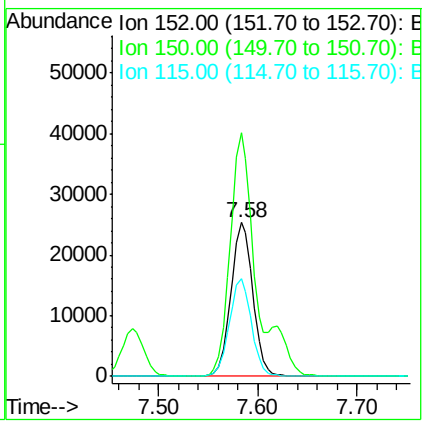


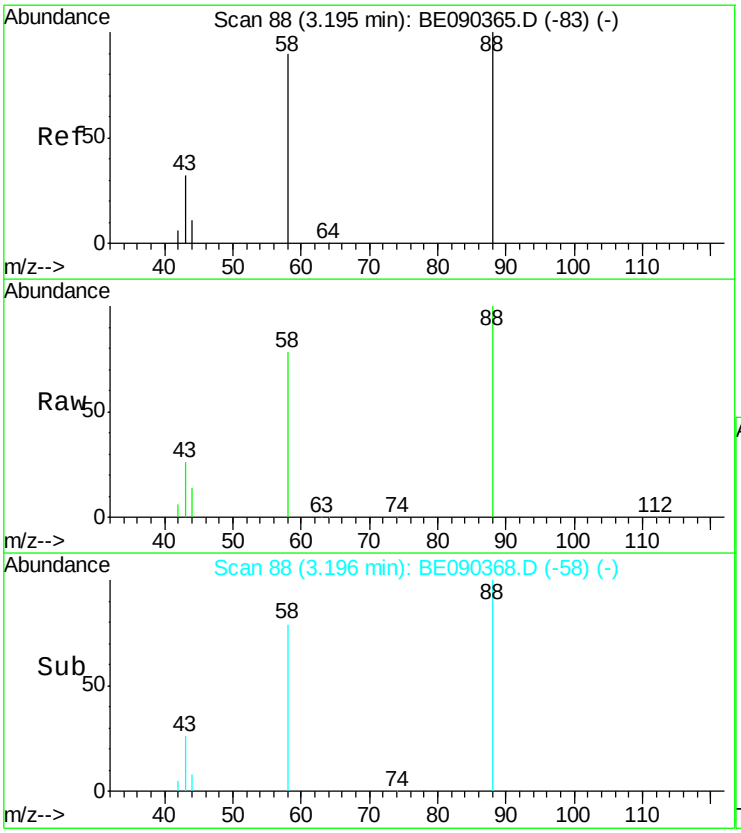
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 38952

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.0	184.4
115	63.7	48.9	73.3

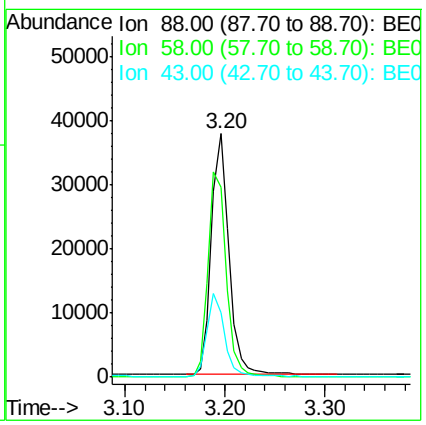


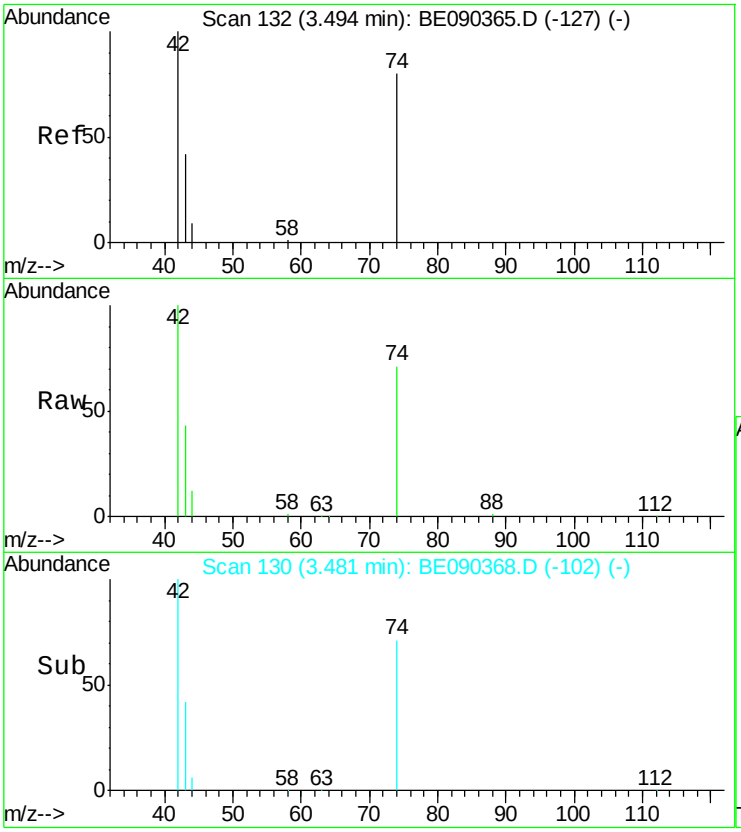


#2
1,4-Dioxane
Concen: 10.26 ng
RT: 3.20 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion: 88 Resp: 45405

Ion	Ratio	Lower	Upper
88	100		
58	89.1	70.0	105.0
43	34.1	28.4	42.6



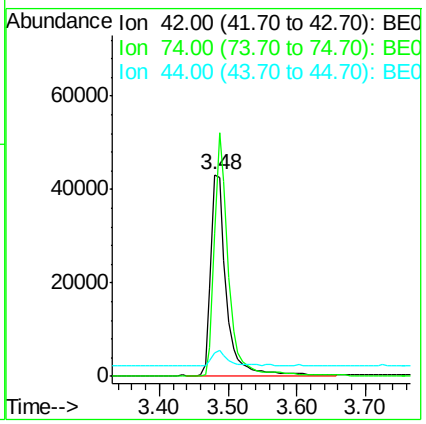


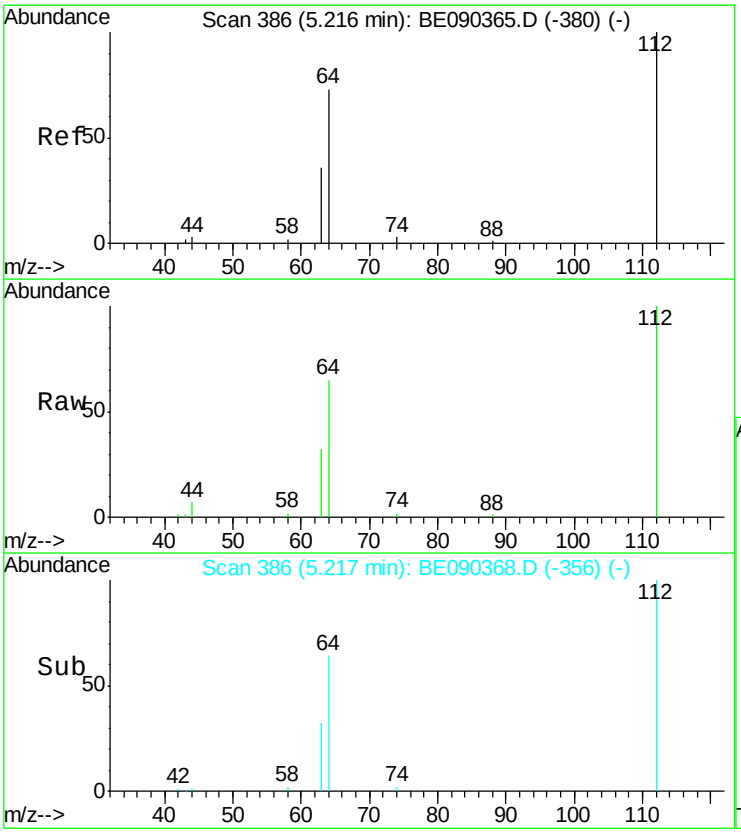
#3
n-Nitrosodimethylamine
Concen: 10.32 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 67096

Ion	Ratio	Lower	Upper
42	100		
74	107.3	75.2	112.8
44	7.8	8.7	13.1#

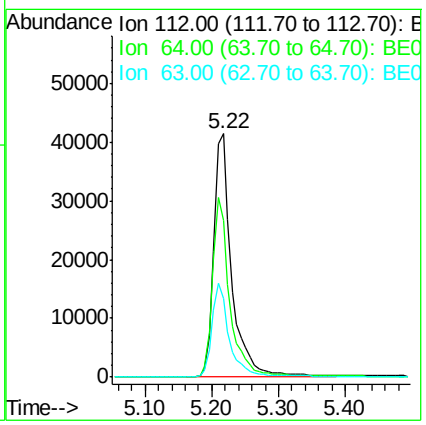


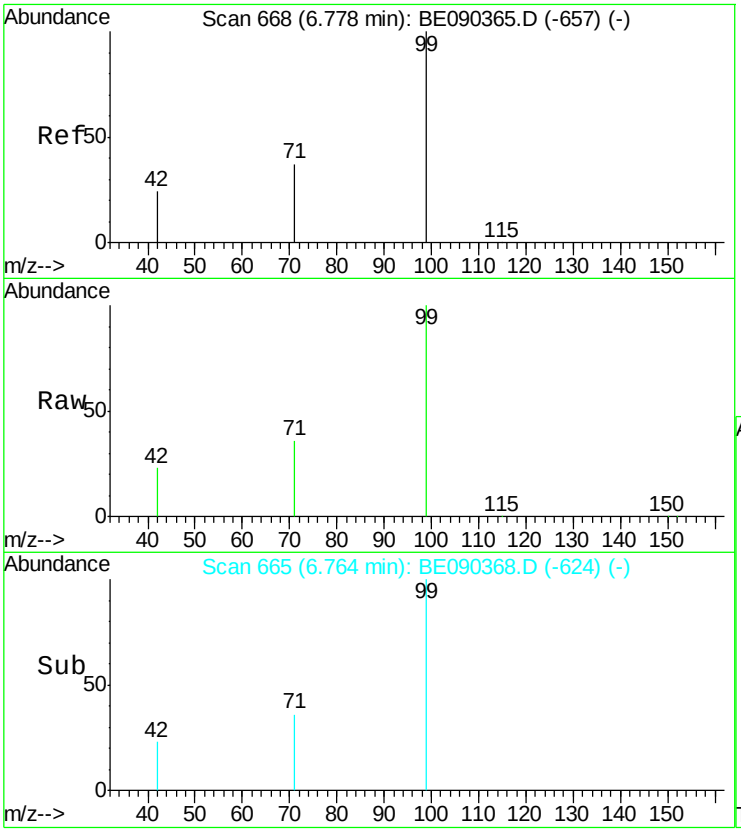


#4
2-Fluorophenol
Concen: 10.62 ng
RT: 5.22 min Scan# 386
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:112 Resp: 76230

Ion	Ratio	Lower	Upper
112	100		
64	71.2	37.1	55.7#
63	37.2	19.5	29.3#



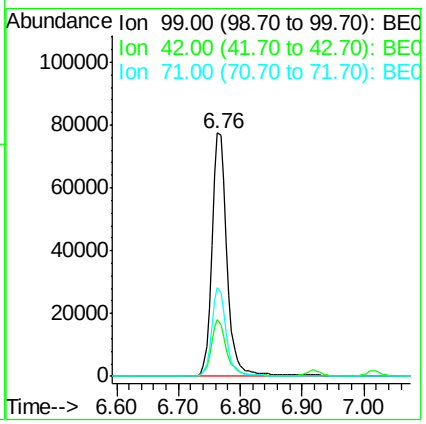


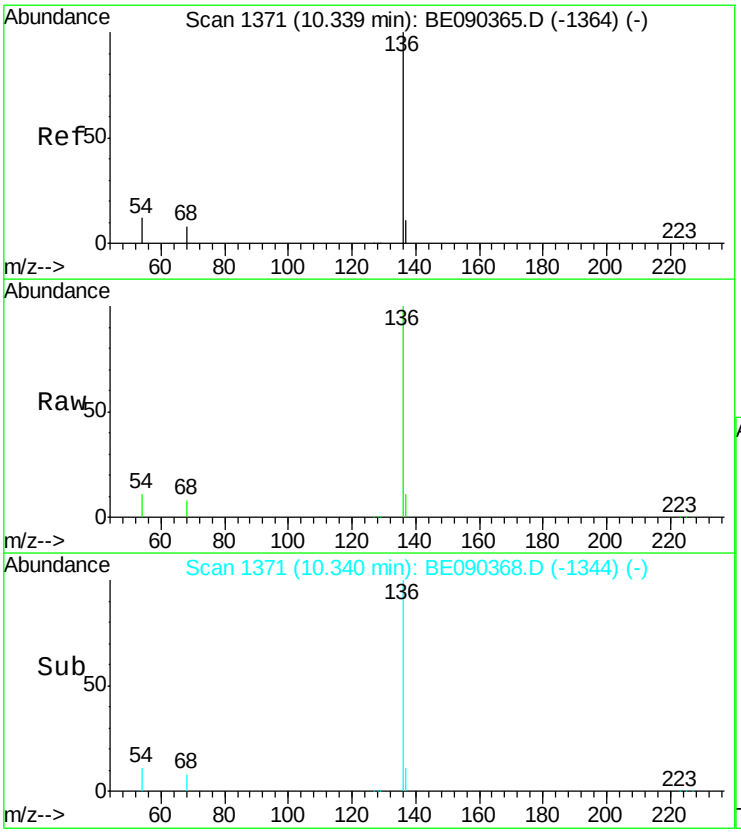
#5
Phenol-d6
Concen: 14.23 ng
RT: 6.76 min Scan# 665
Delta R.T. -0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 131041

Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.2	27.4
71	35.4	27.4	41.0

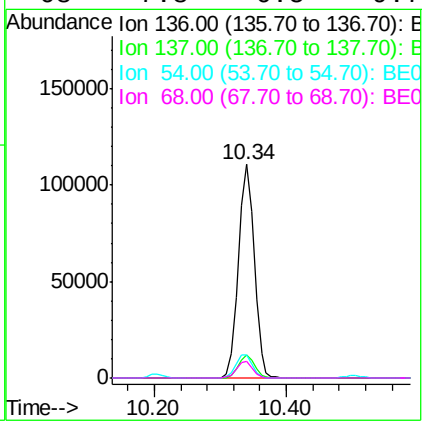


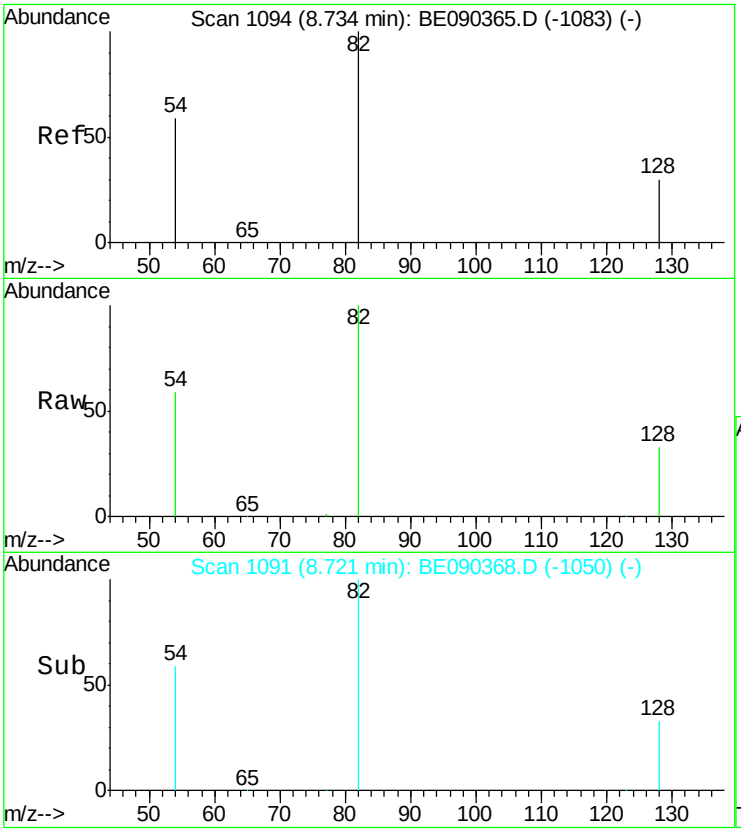


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:136 Resp: 181131

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.0	9.4	14.0
68	7.8	6.5	9.7



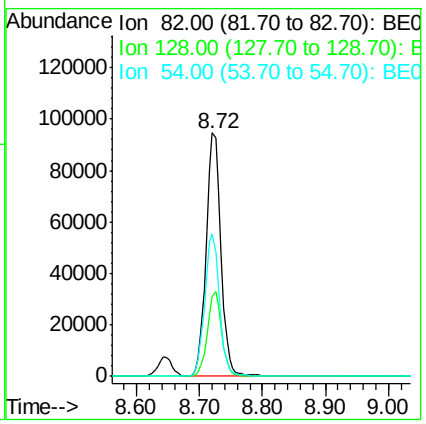


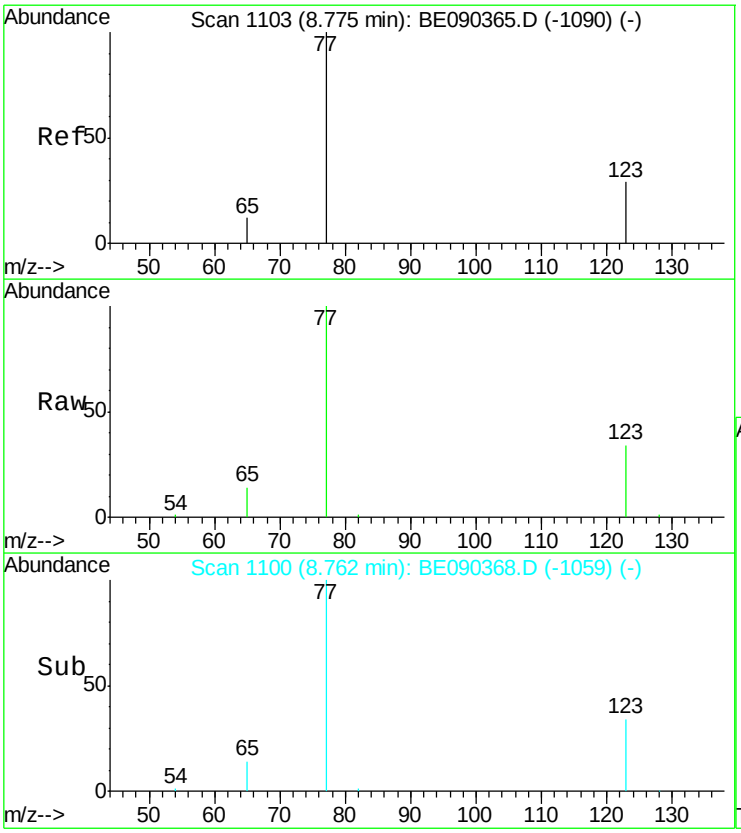
#7
Nitrobenzene-d5
Concen: 14.18 ng
RT: 8.72 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 82 Resp: 153597

Ion	Ratio	Lower	Upper
82	100		
128	32.7	25.0	37.6
54	58.7	48.8	73.2

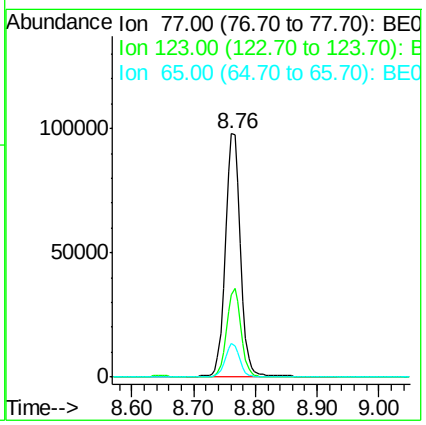


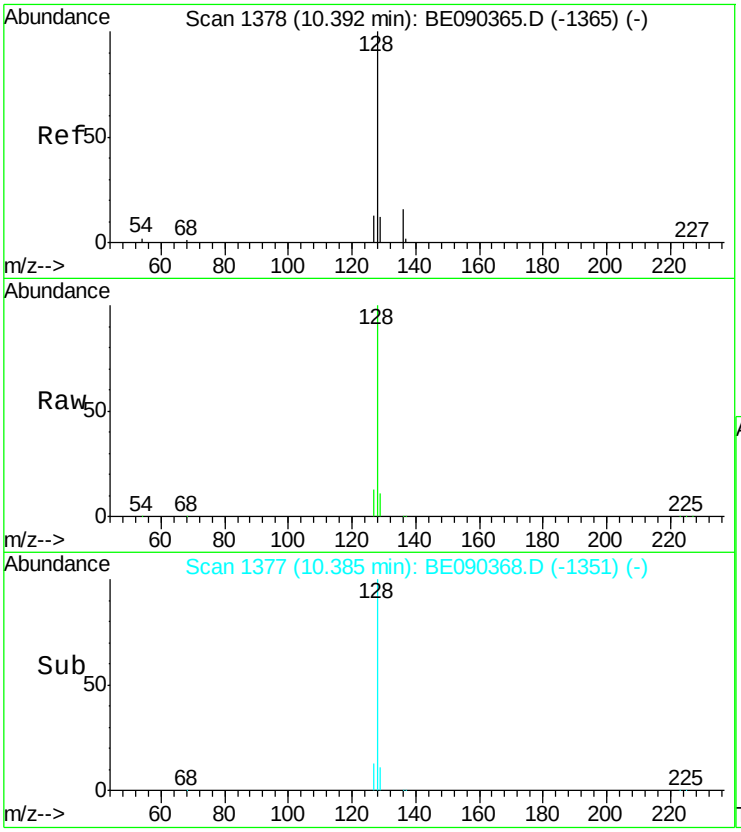


#8
Nitrobenzene
Concen: 14.69 ng
RT: 8.76 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion: 77 Resp: 163840

Ion	Ratio	Lower	Upper
77	100		
123	35.3	25.1	37.7
65	13.3	9.3	13.9



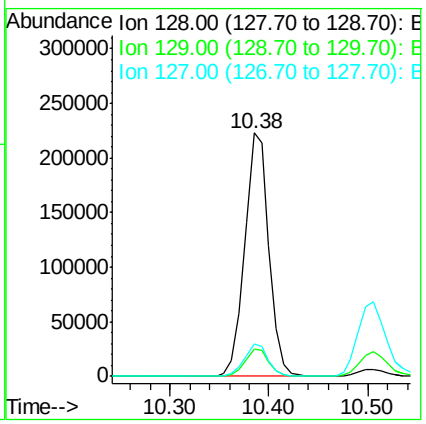


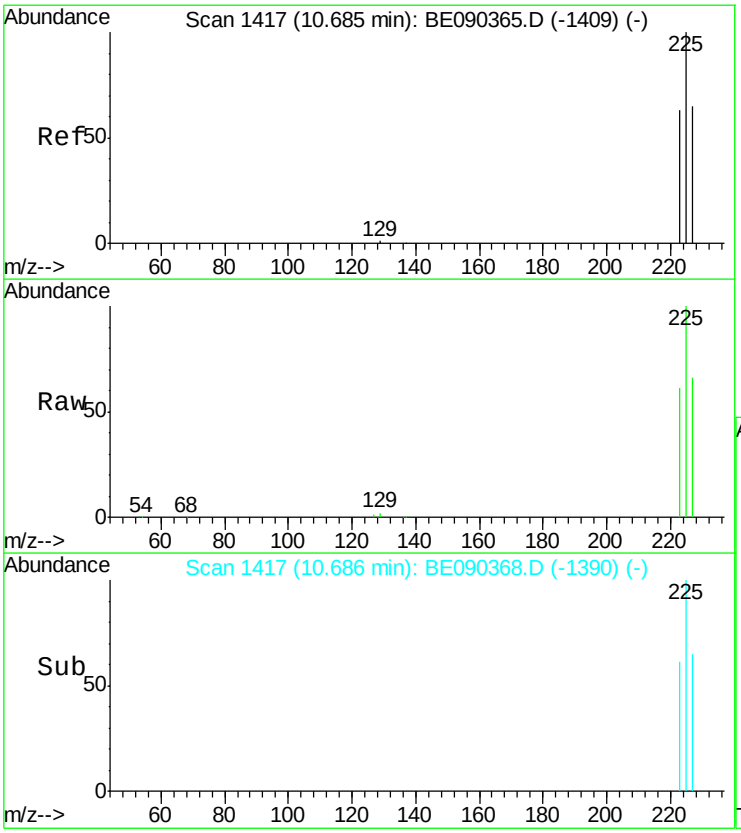
#9
Naphthalene
Concen: 9.64 ng
RT: 10.38 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 376605

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	13.3	10.6	16.0

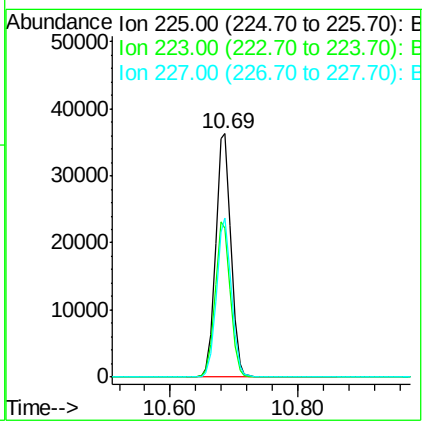


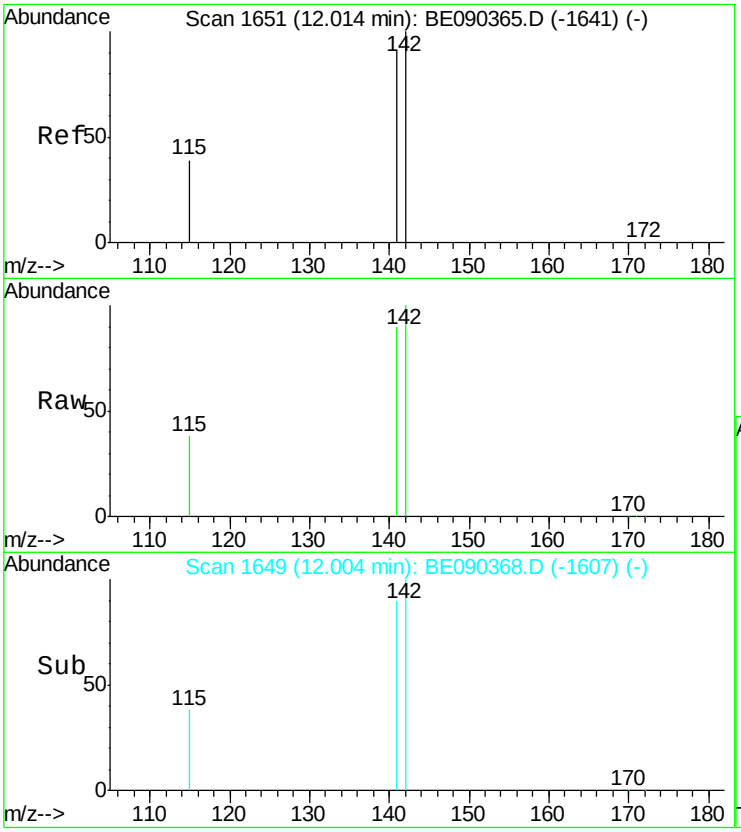


#10
Hexachlorobutadiene
Concen: 11.13 ng
RT: 10.69 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:225 Resp: 60315

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	75.8
227	63.5	50.7	76.1



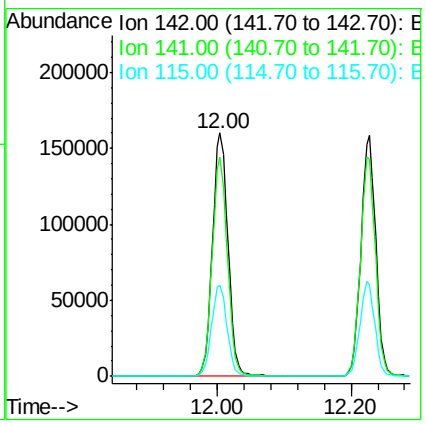


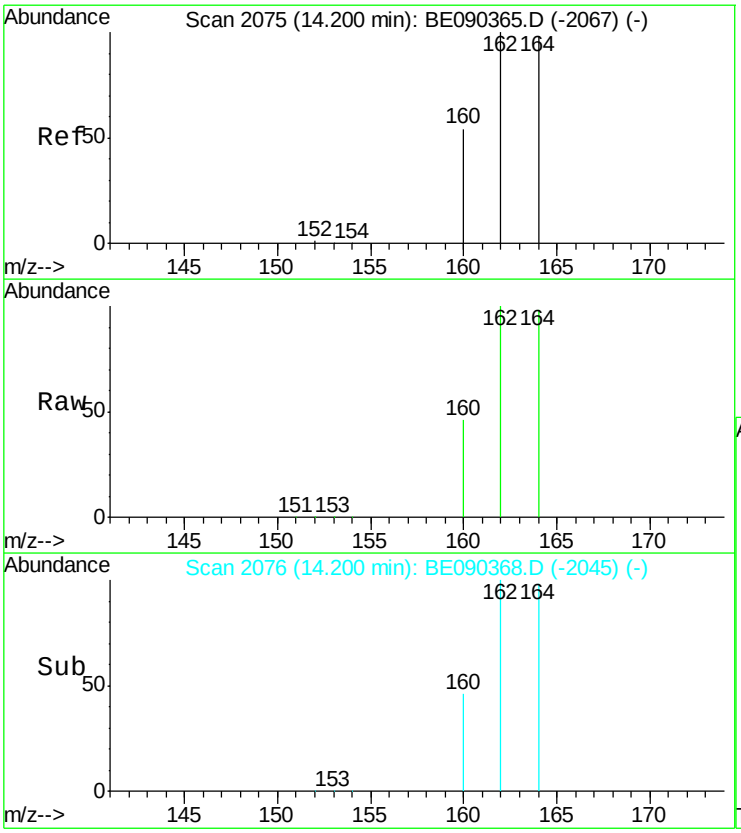
#11
2-Methylnaphthalene
Concen: 10.80 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 257797

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.6	109.0
115	37.7	31.6	47.4

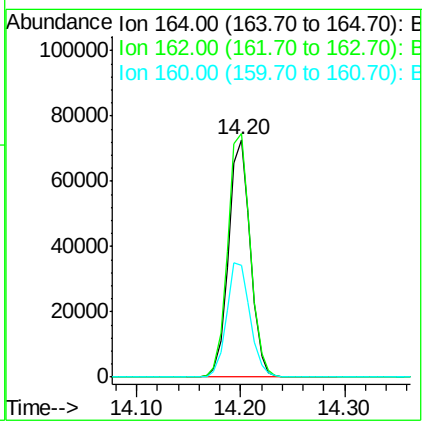


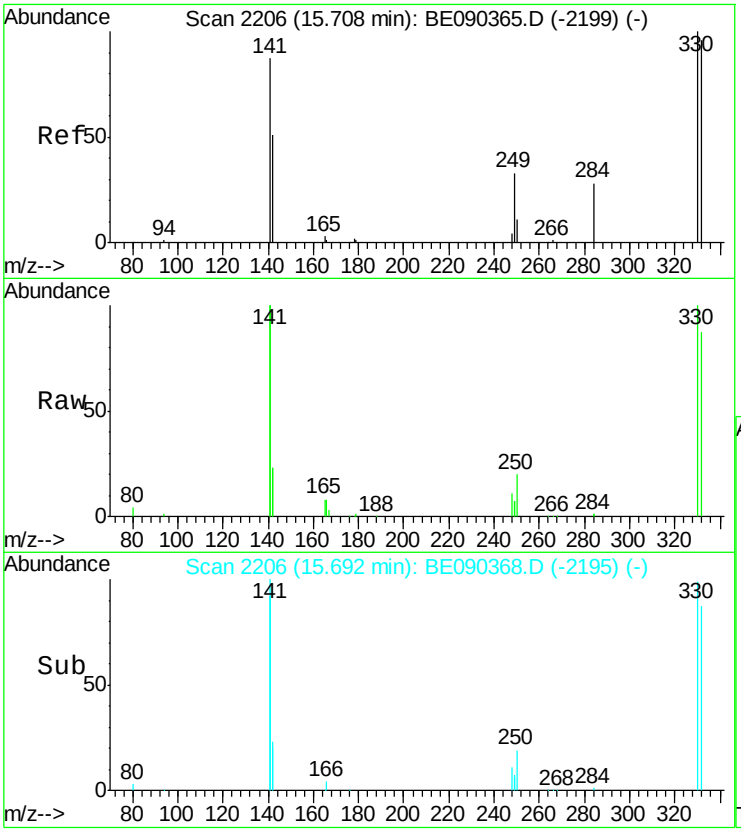


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.20 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:164 Resp: 104442

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.8
160	47.3	44.2	66.4



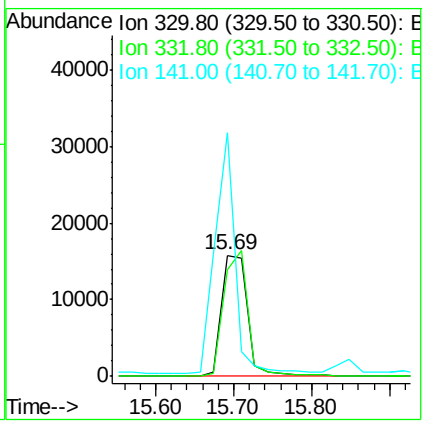


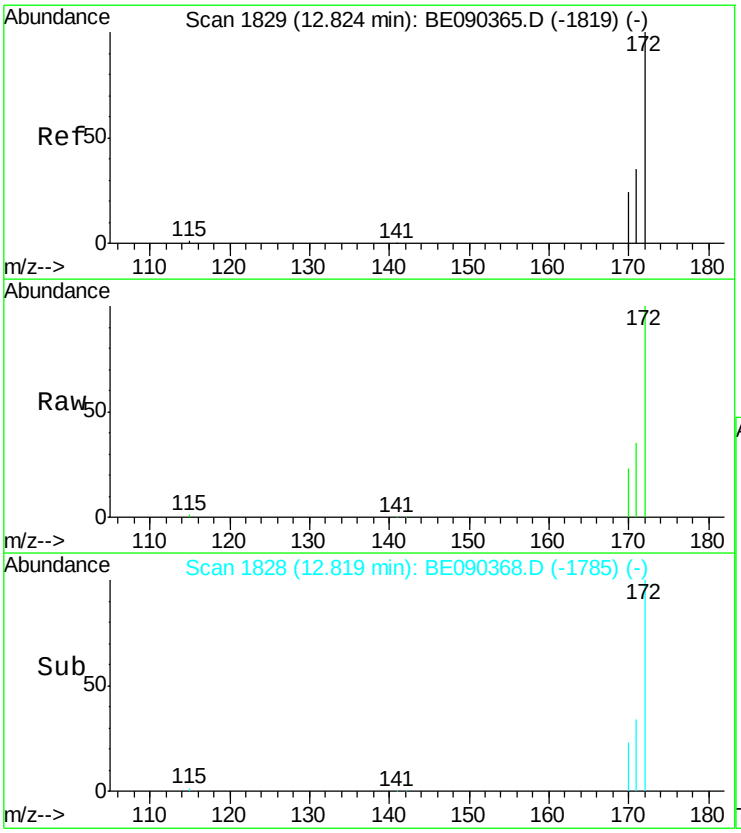
#13
2,4,6-Tribromophenol
Concen: 12.96 ng
RT: 15.69 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 35724

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.8	113.6
141	152.3	114.4	171.6

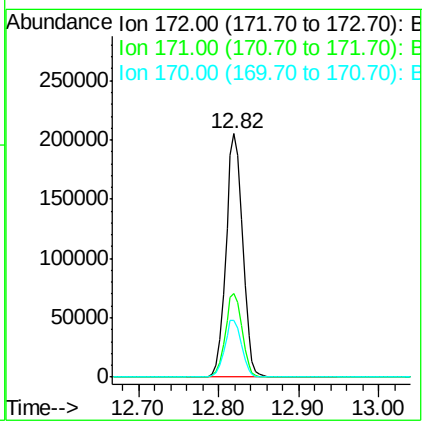


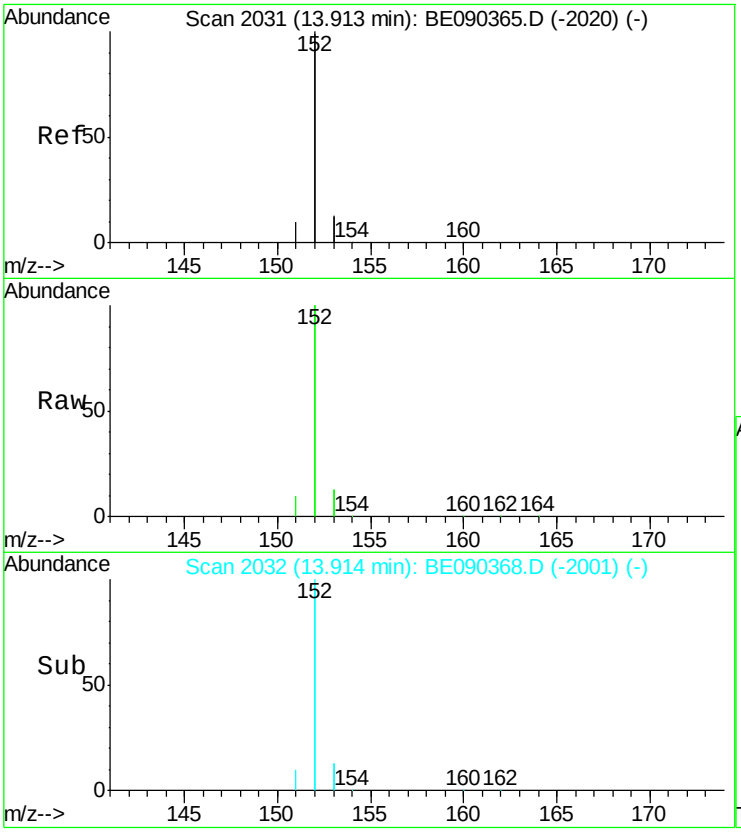


#14
2-Fluorobiphenyl
Concen: 9.89 ng
RT: 12.82 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:172 Resp: 297635

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.3	19.8	29.8



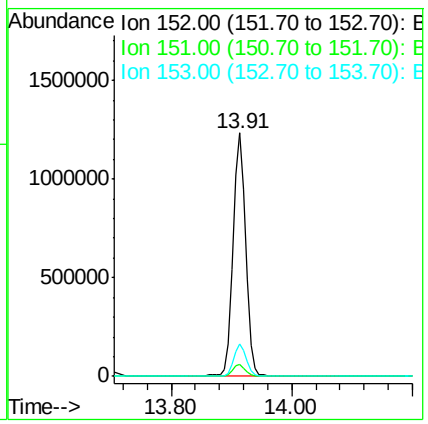


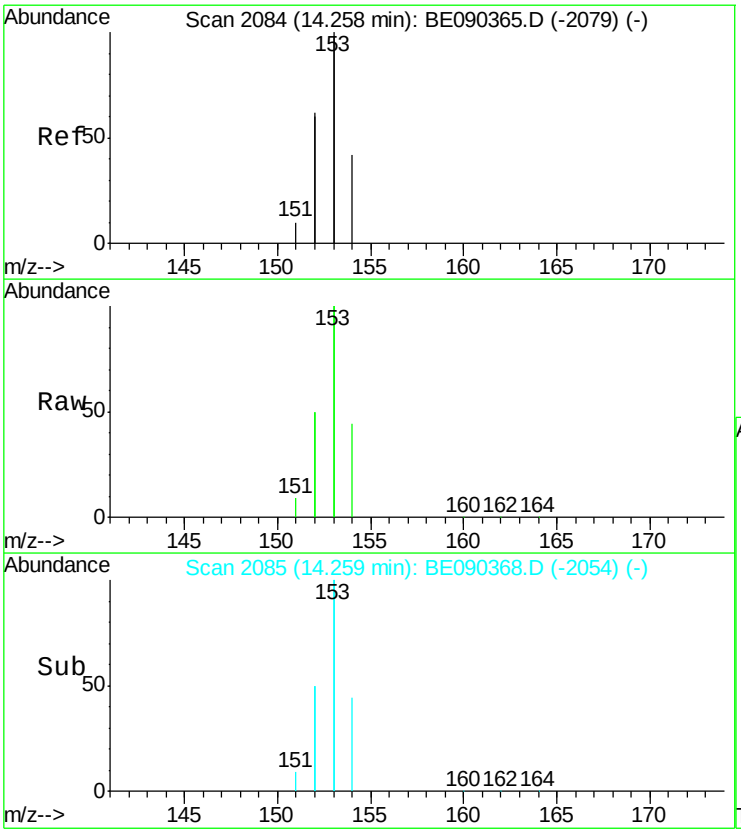
#15
Acenaphthylene
Concen: 10.19 ng
RT: 13.91 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 1840706

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.1	10.3	15.5

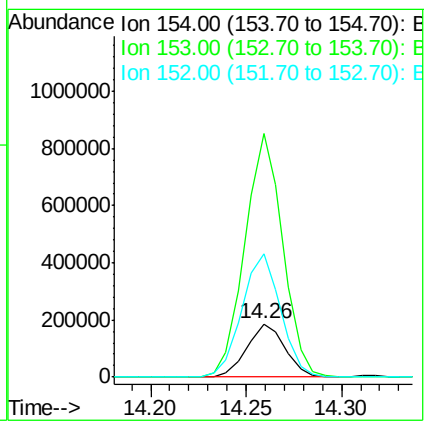


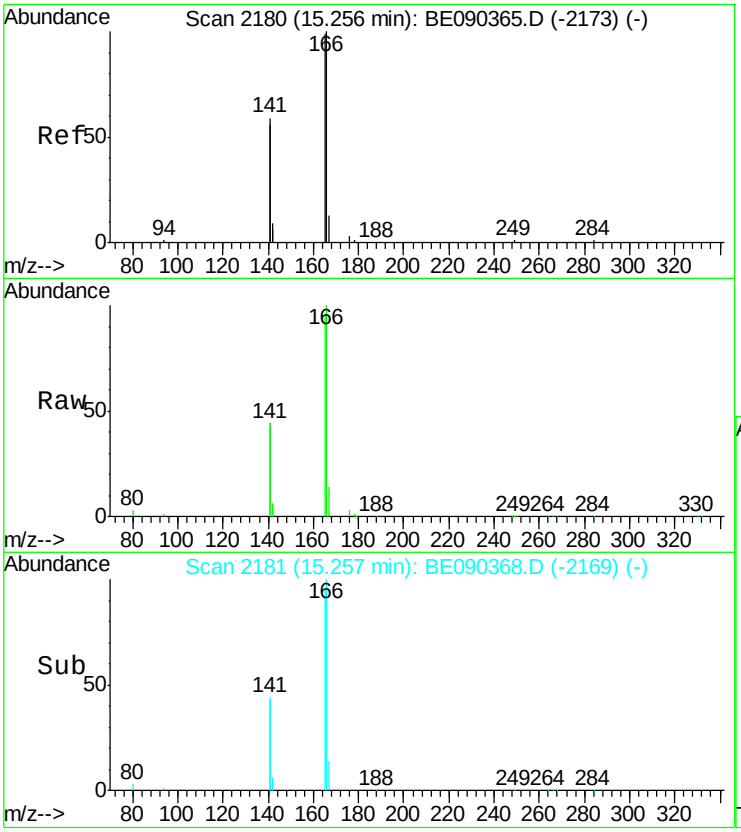


#16
Acenaphthene
Concen: 9.72 ng
RT: 14.26 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:154 Resp: 256596

Ion	Ratio	Lower	Upper
154	100		
153	458.2	376.2	564.2
152	237.4	235.0	352.4



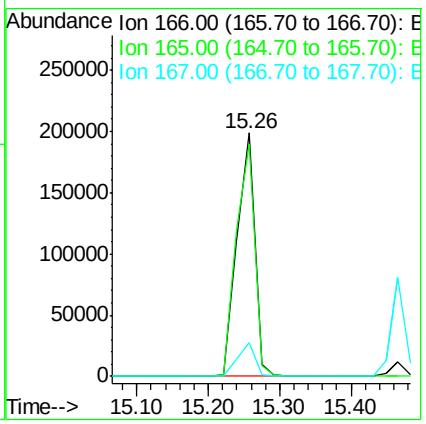


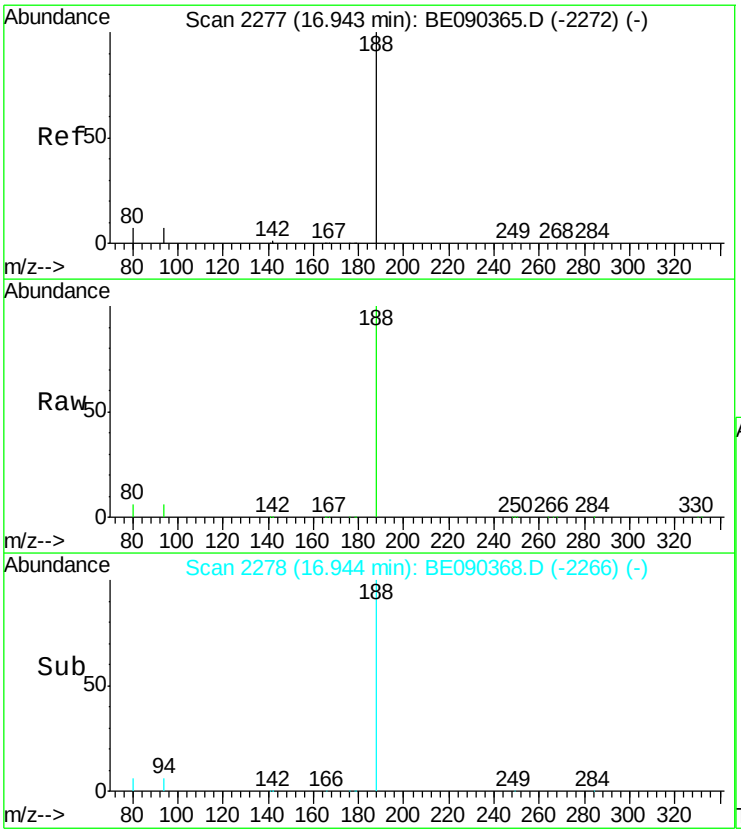
#17
Fluorene
Concen: 10.31 ng
RT: 15.26 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 336218

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.5	122.3
167	13.6	11.4	17.0

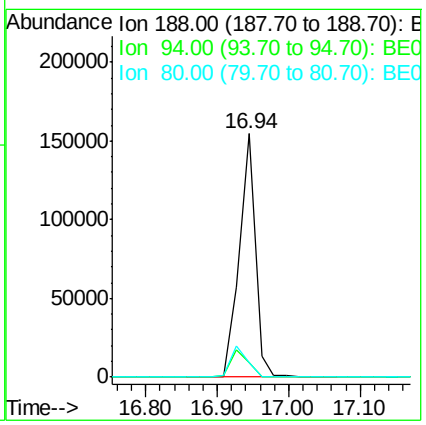


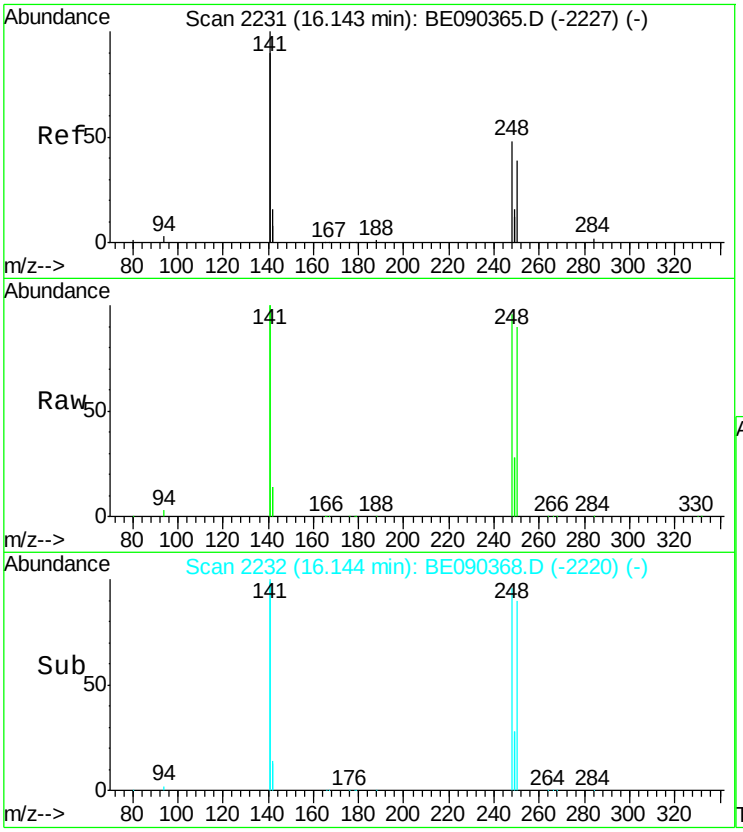


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:188 Resp: 239169

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



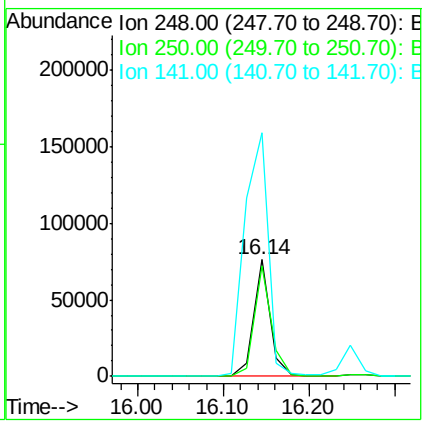


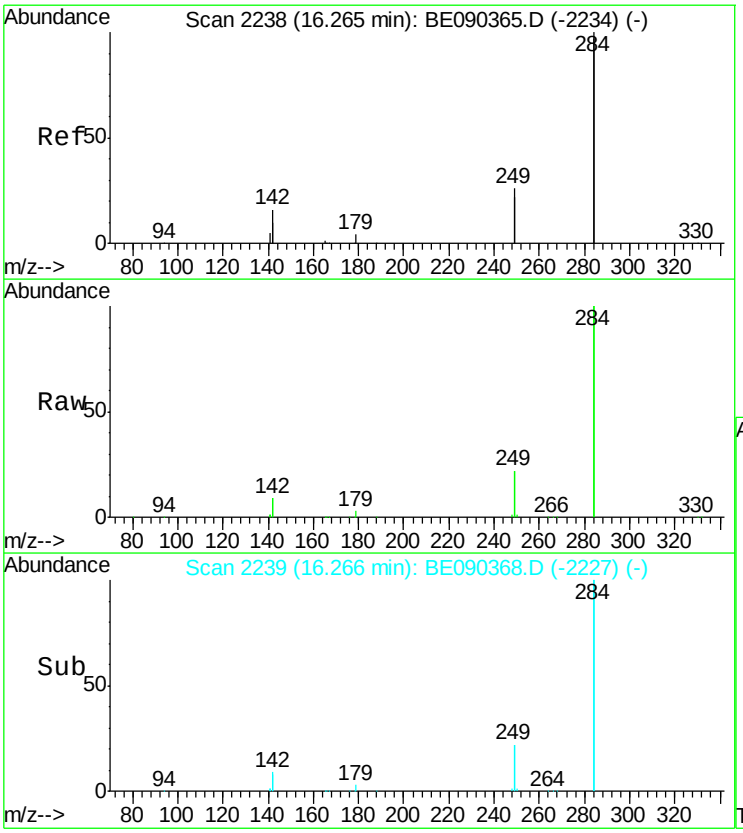
#19
4-Bromophenyl-phenylether
Concen: 11.45 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:248 Resp: 102625

Ion	Ratio	Lower	Upper
248	100		
250	97.1	79.0	118.6
141	292.0	239.5	359.3

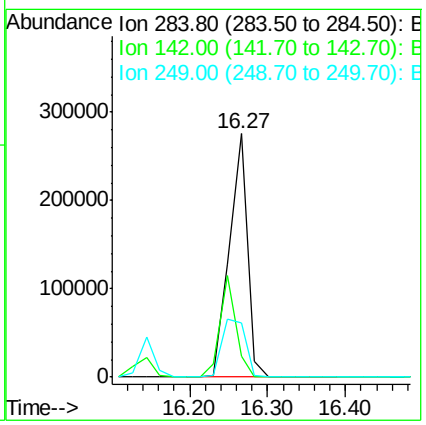


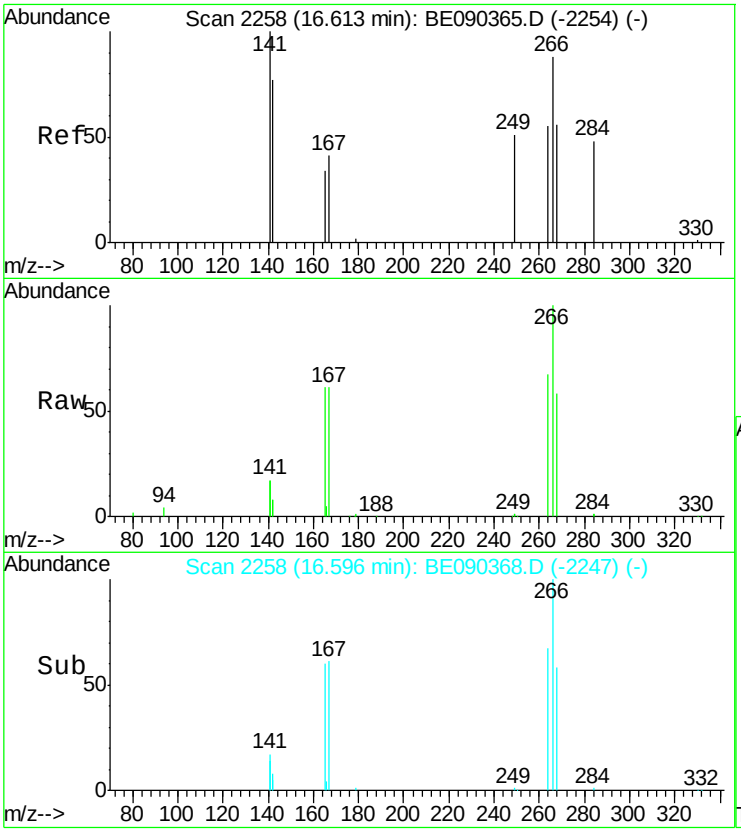


#20
Hexachlorobenzene
Concen: 12.42 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:284 Resp: 443222

Ion	Ratio	Lower	Upper
284	100		
142	36.2	30.1	45.1
249	31.0	25.7	38.5



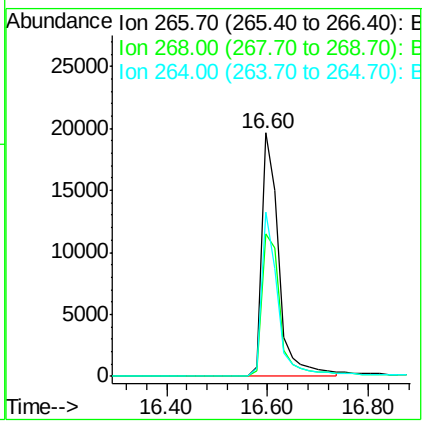


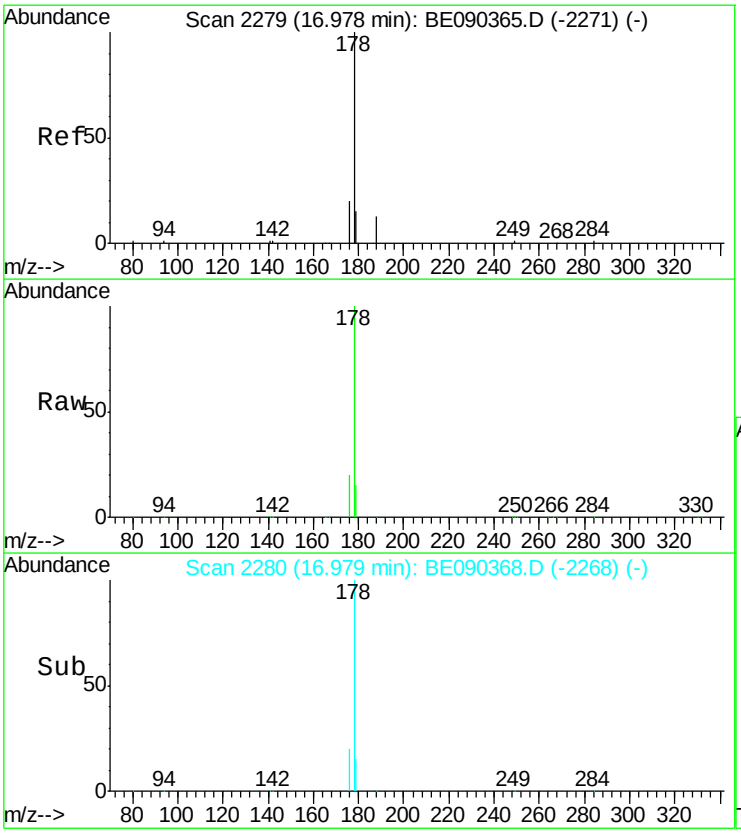
#21
Pentachlorophenol
Concen: 11.78 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:266 Resp: 44420

Ion	Ratio	Lower	Upper
266	100		
268	58.3	58.5	87.7#
264	67.2	56.0	84.0

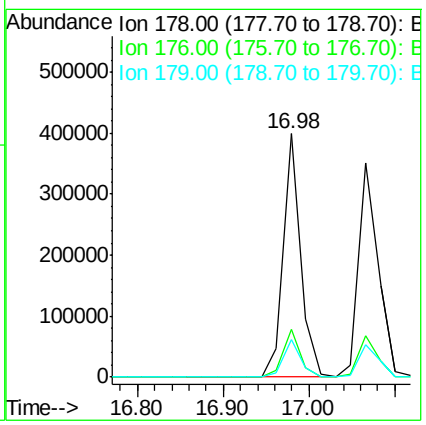


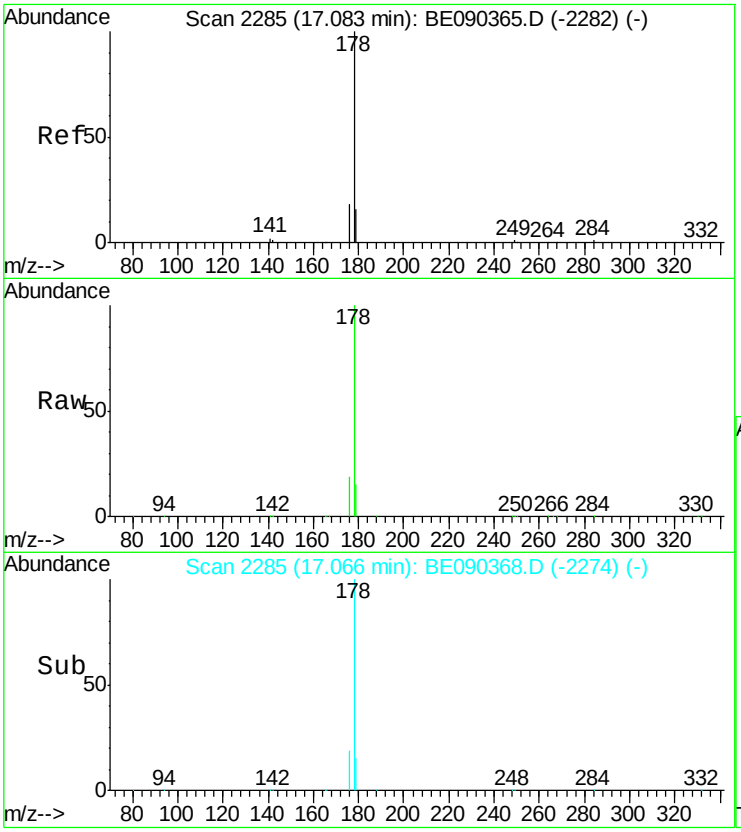


#22
Phenanthrene
Concen: 10.31 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:178 Resp: 570609

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.5	18.7



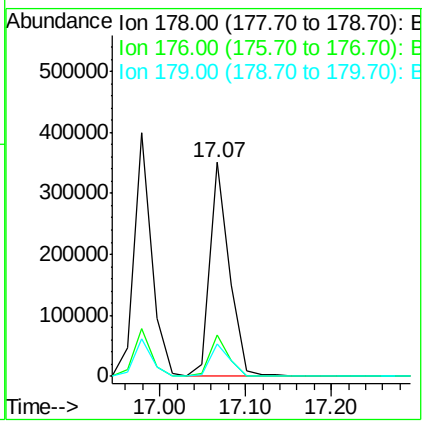


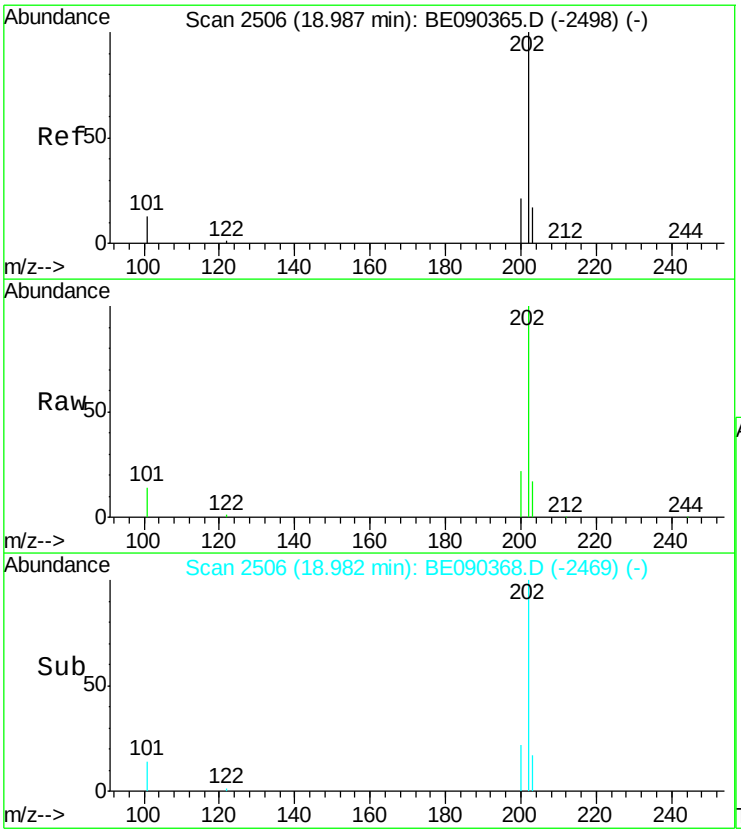
#23
Anthracene
Concen: 11.35 ng
RT: 17.07 min Scan# 2285
Delta R.T. -0.02 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 555253

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4

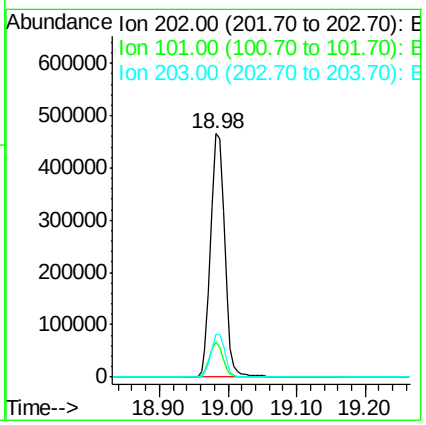


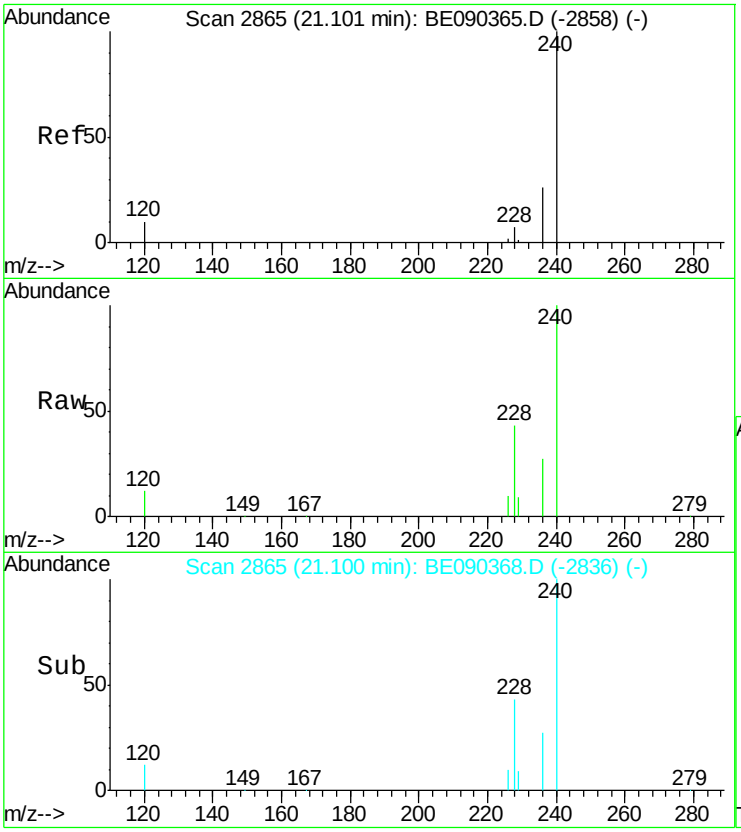


#24
Fluoranthene
Concen: 11.87 ng
RT: 18.98 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:202 Resp: 656986

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.3	15.5
203	17.5	13.7	20.5



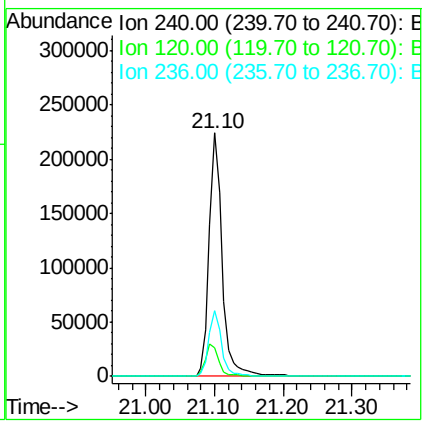


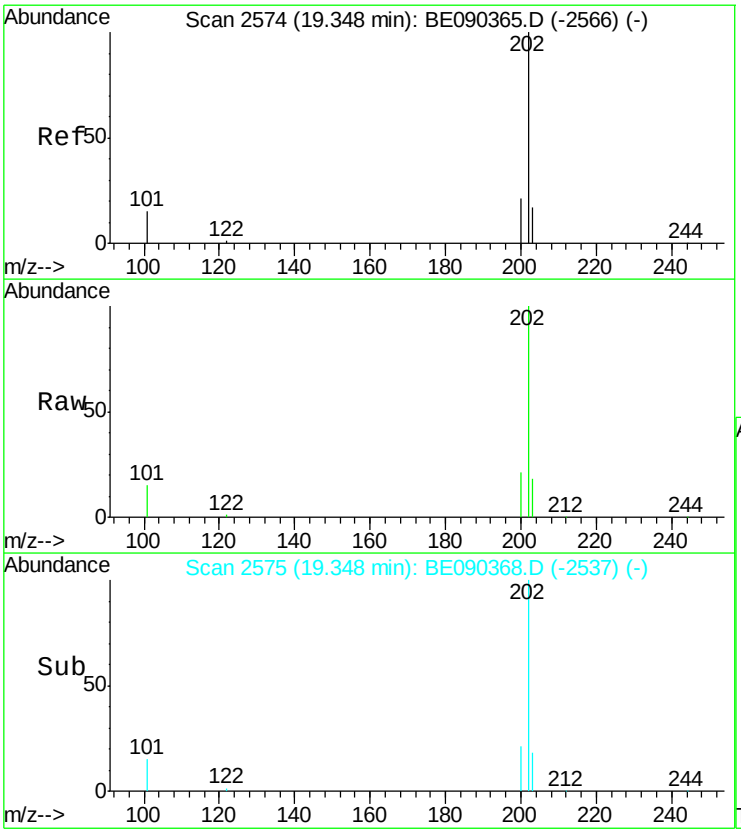
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.10 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:240 Resp: 296330

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	27.2	21.0	31.4

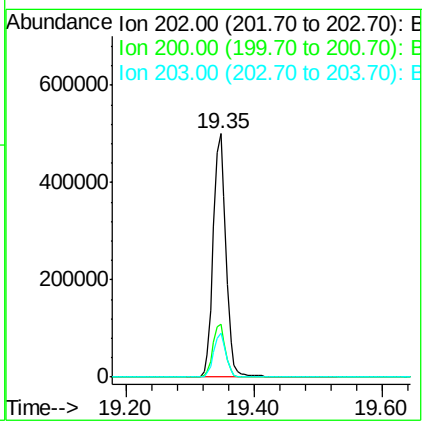


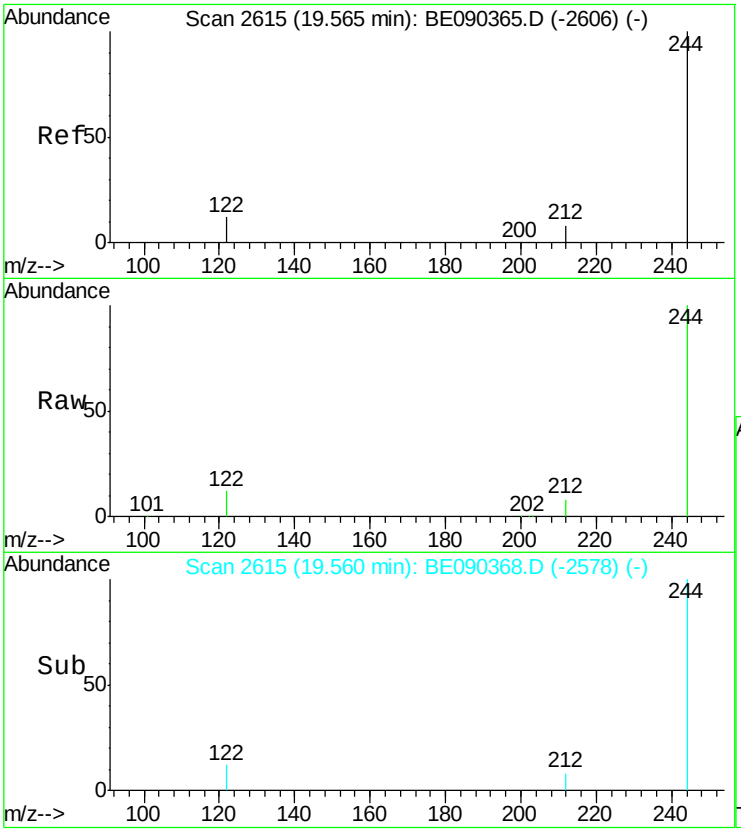


#26
Pyrene
Concen: 8.96 ng
RT: 19.35 min Scan# 2575
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:202 Resp: 692170

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	17.7	13.8	20.8



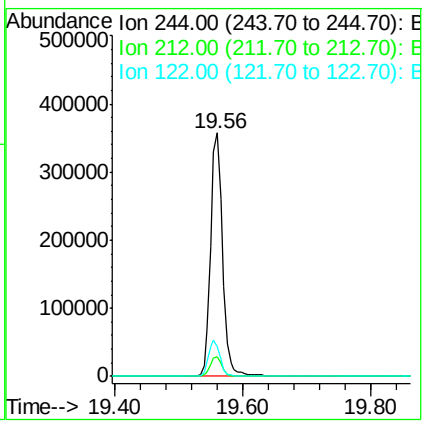


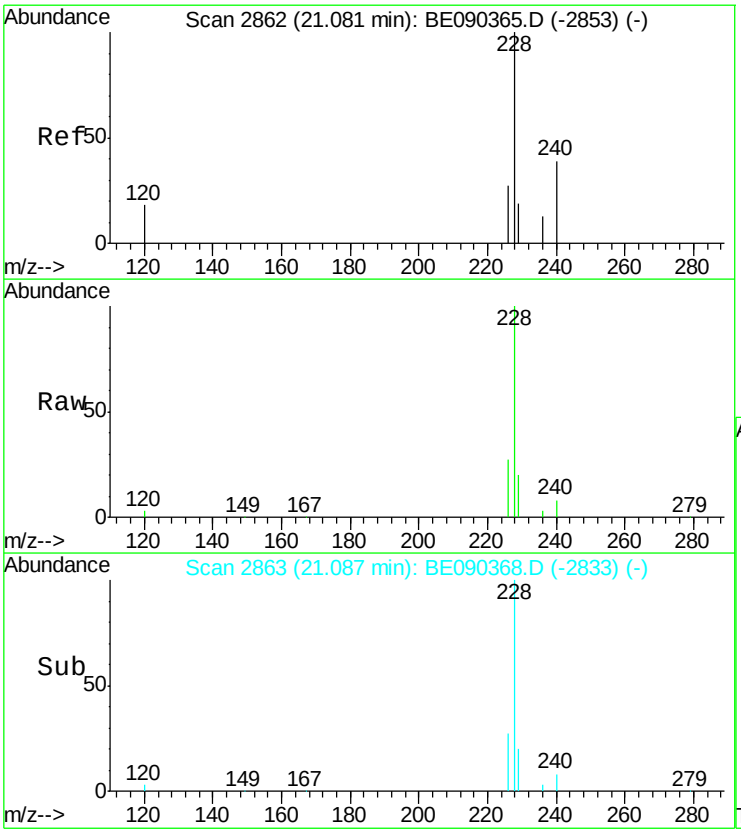
#27
Terphenyl-d14
Concen: 8.77 ng
RT: 19.56 min Scan# 2615
Delta R.T. -0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:244 Resp: 470066

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.6	9.8
122	12.1	10.2	15.4

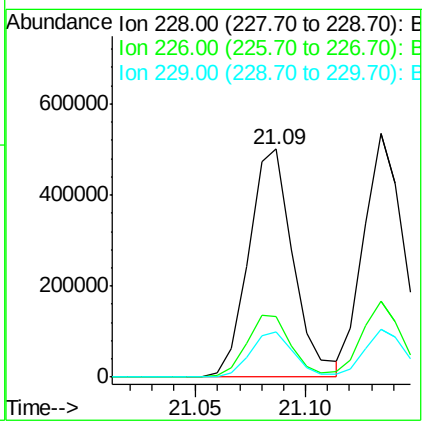


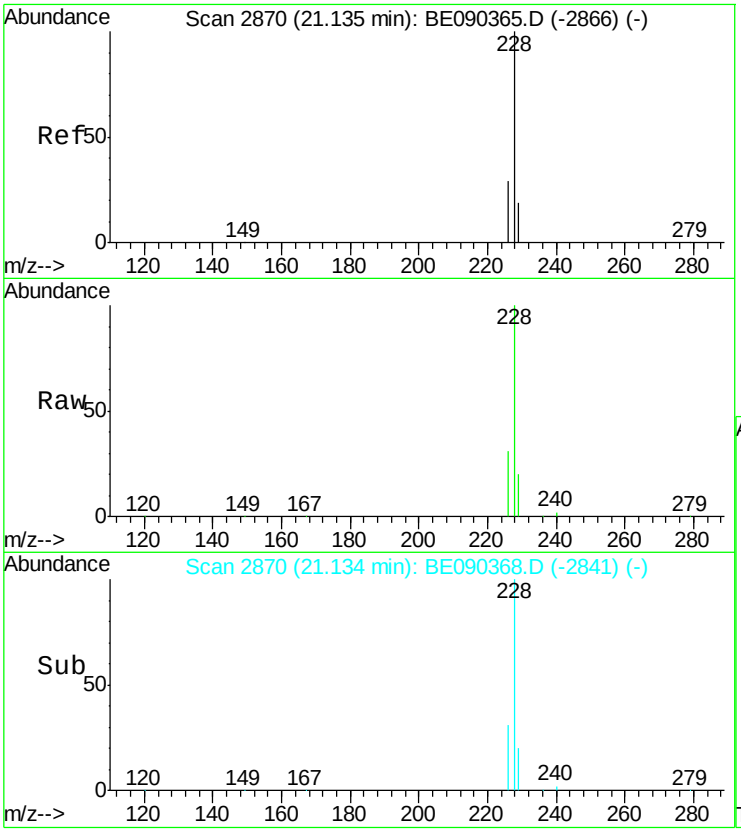


#28
Benzo(a)anthracene
Concen: 12.29 ng
RT: 21.09 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:228 Resp: 706163

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.9	32.9
229	20.1	15.4	23.0



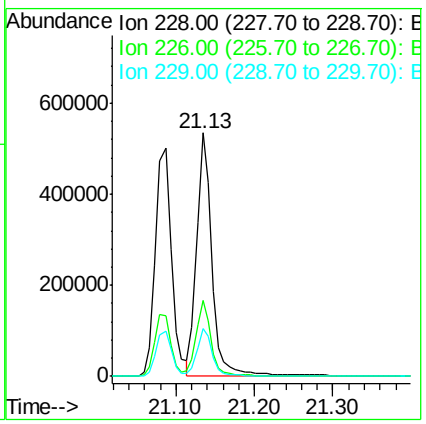


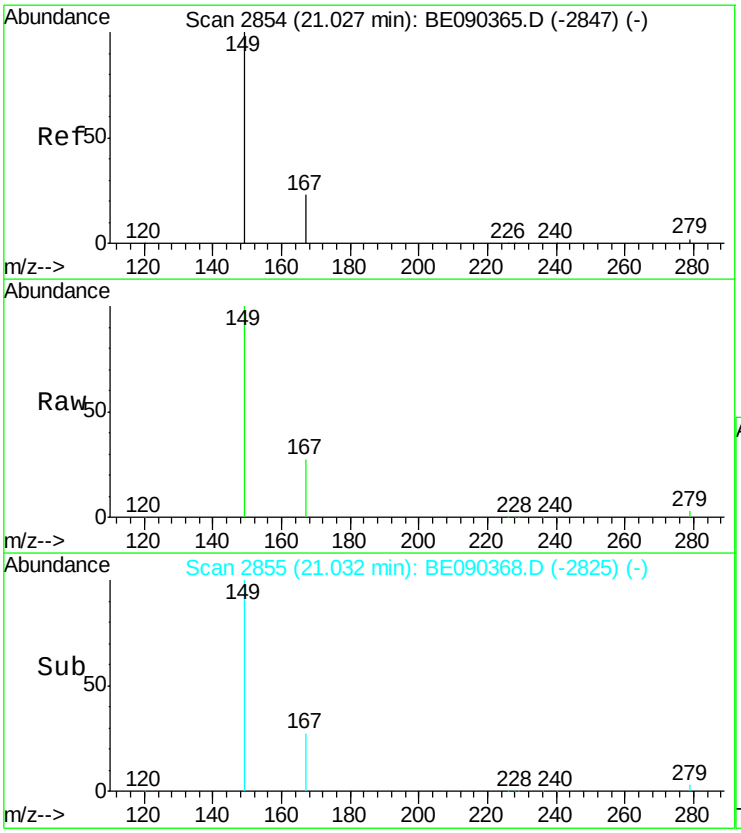
#29
Chrysene
Concen: 10.85 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 723202

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.1	34.7
229	19.7	15.8	23.8

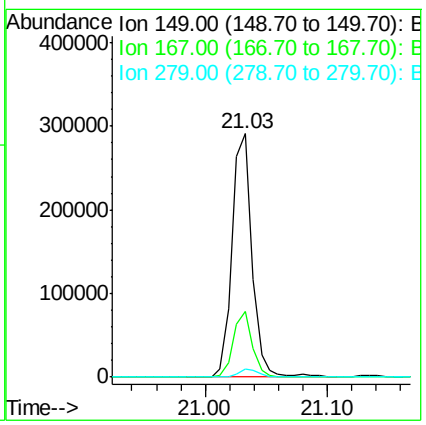


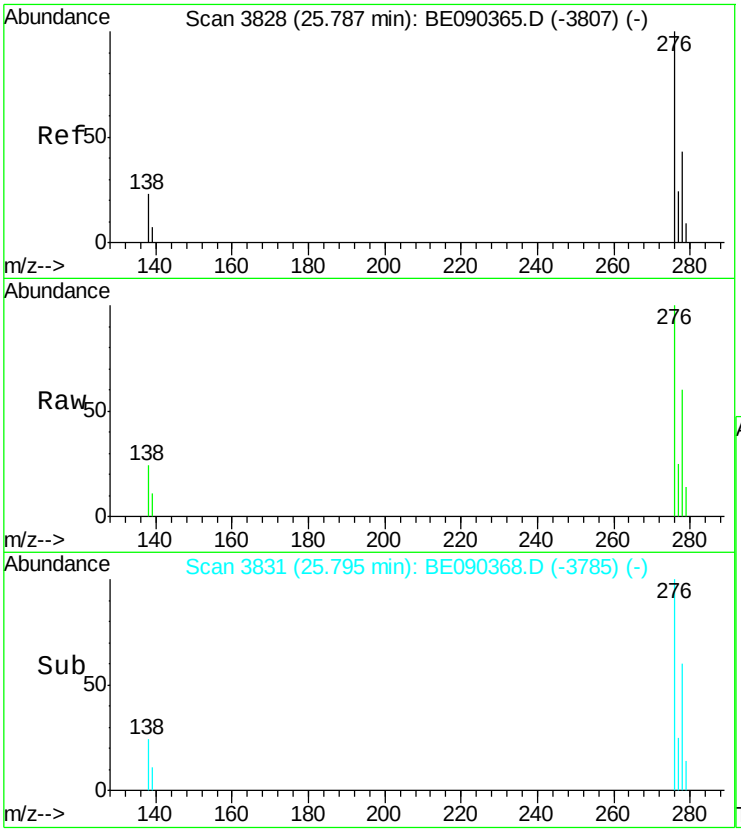


#30
Bis(2-ethylhexyl)phthalate
Concen: 9.45 ng
RT: 21.03 min Scan# 2855
Delta R.T. 0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:149 Resp: 330370

Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.8	29.8
279	3.3	2.4	3.6



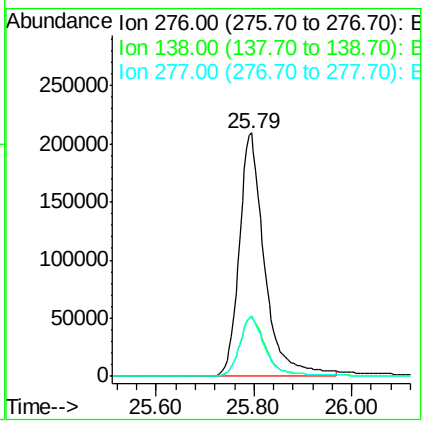


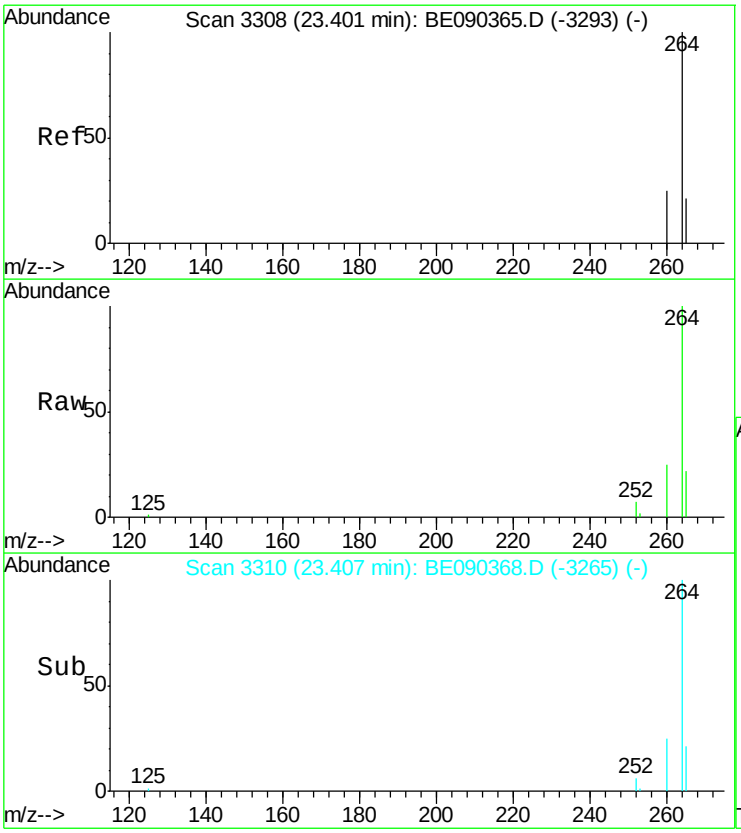
#31
Indeno(1,2,3-cd)pyrene
Concen: 13.10 ng
RT: 25.79 min Scan# 3831
Delta R.T. 0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 752186

Ion	Ratio	Lower	Upper
276	100		
138	25.4	18.8	28.2
277	25.0	18.2	27.4

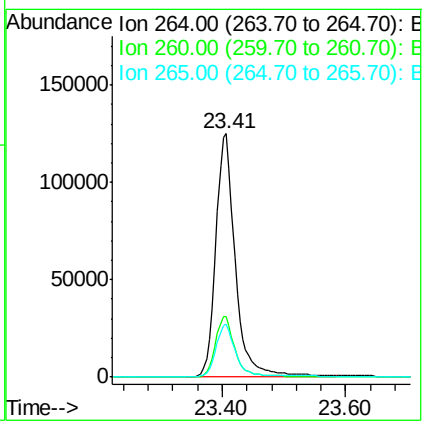


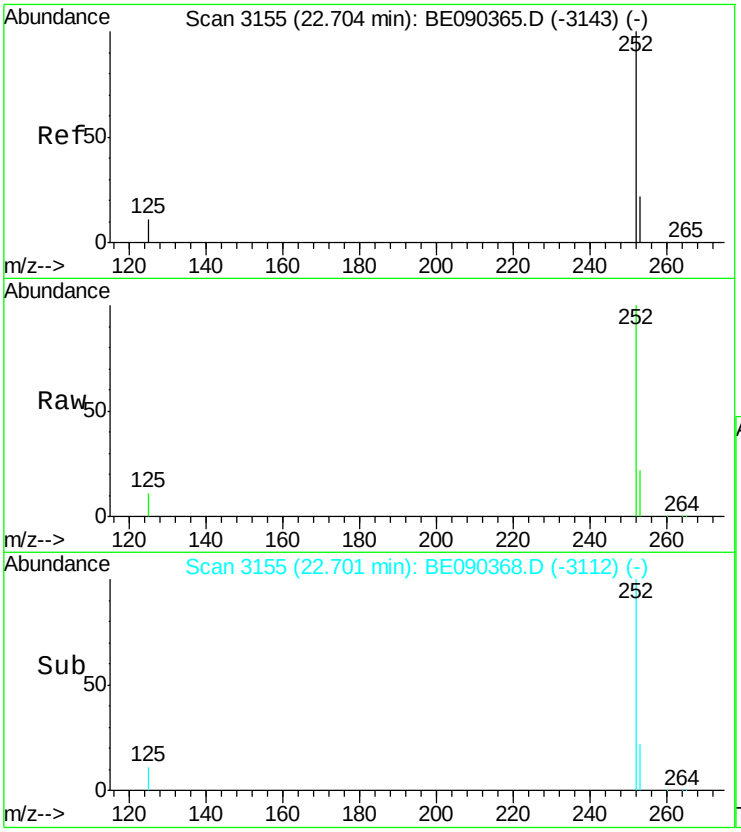


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.41 min Scan# 3310
Delta R.T. 0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:264 Resp: 275322

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	21.7	17.2	25.8



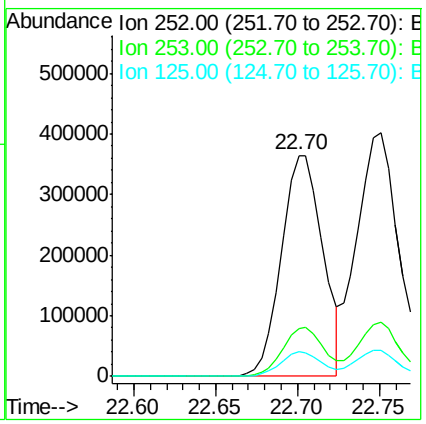


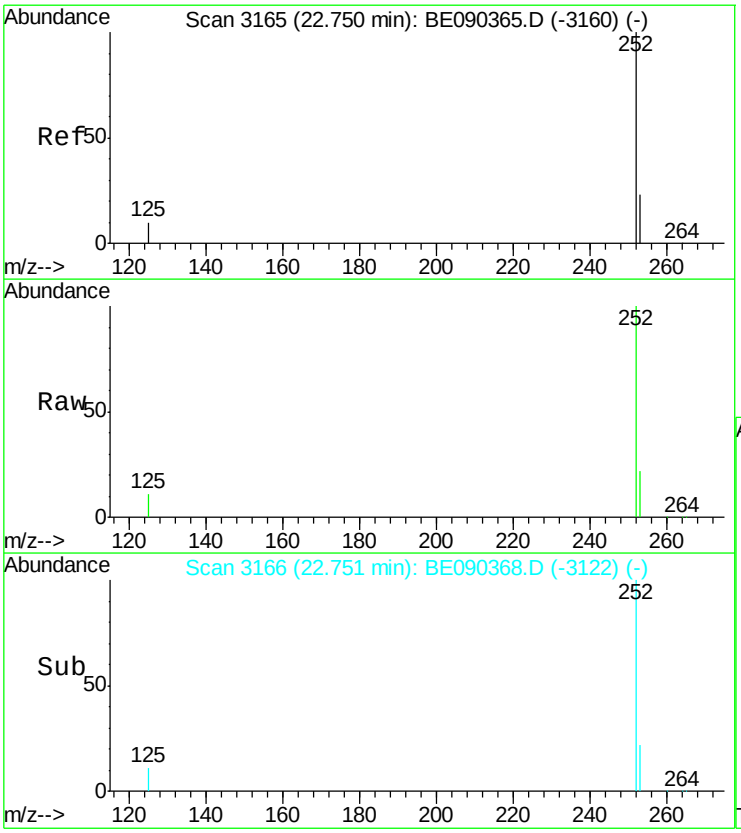
#33
Benzo(b)fluoranthene
Concen: 11.55 ng
RT: 22.70 min Scan# 3155
Delta R.T. -0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 640984

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.9	9.4	14.2

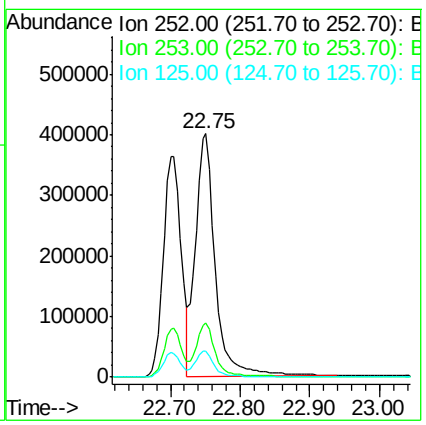


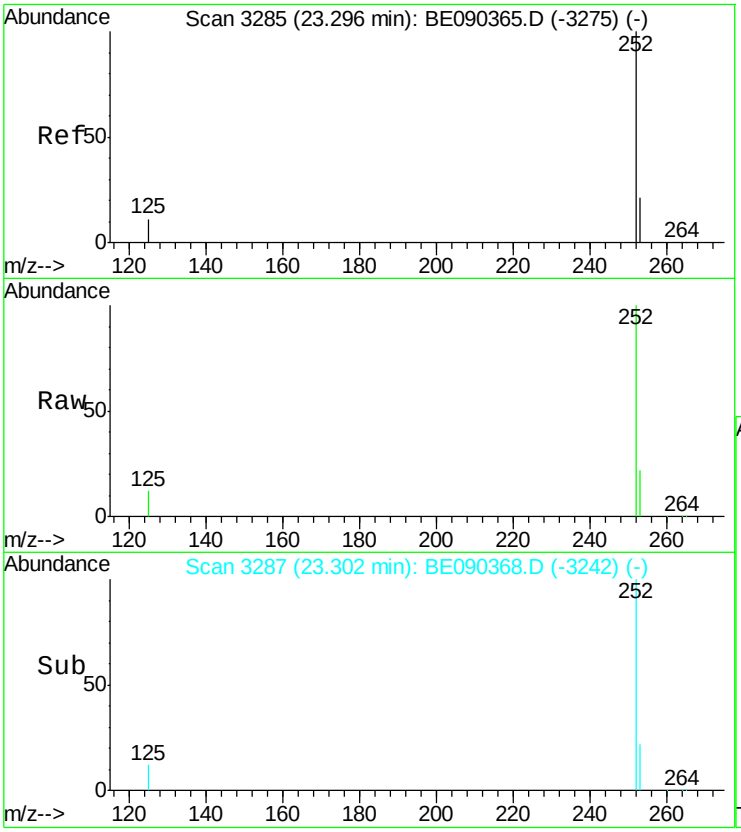


#34
Benzo(k)fluoranthene
Concen: 10.52 ng
RT: 22.75 min Scan# 3166
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:252 Resp: 778976

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.6	9.1	13.7



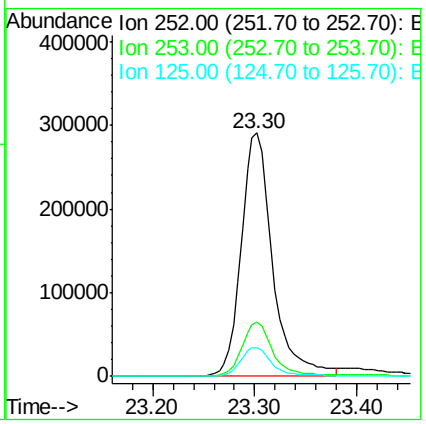


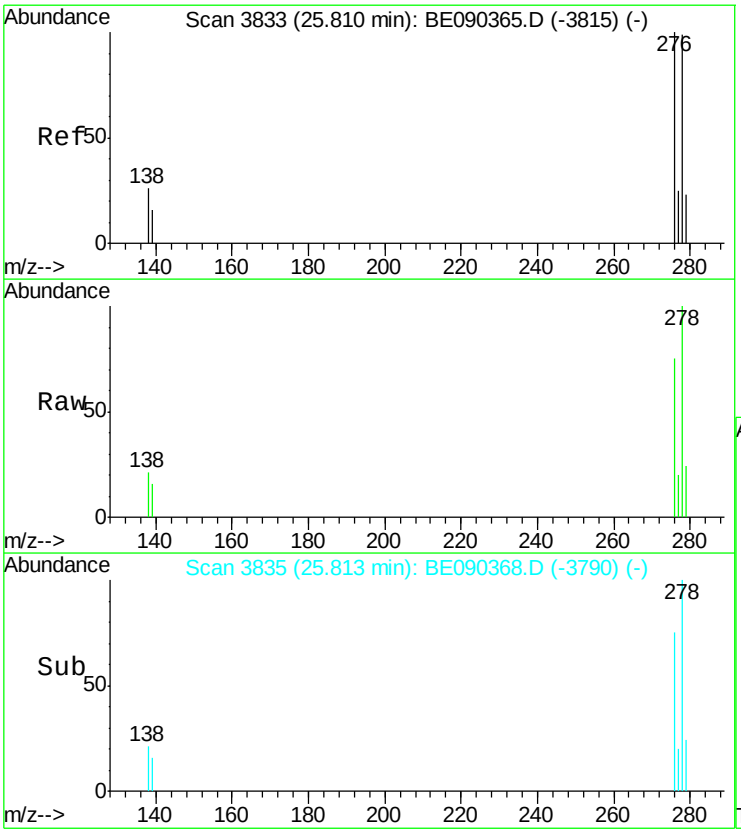
#35
Benzo(a)pyrene
Concen: 12.03 ng
RT: 23.30 min Scan# 3287
Delta R.T. 0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 613088

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	11.9	9.8	14.6

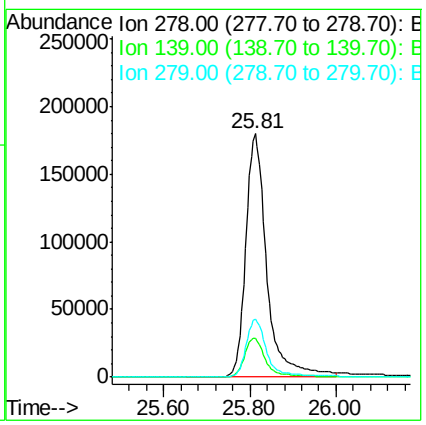


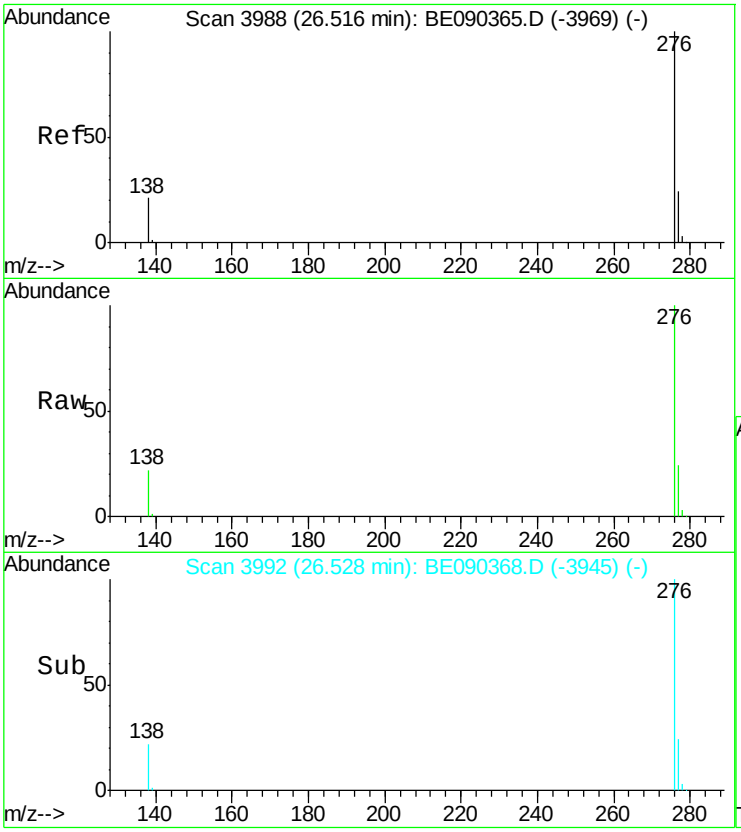


#36
Dibenzo(a,h)anthracene
Concen: 12.44 ng
RT: 25.81 min Scan# 3835
Delta R.T. 0.00 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Tgt Ion:278 Resp: 607524

Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.2	21.4
279	23.9	20.1	30.1





#37
Benzo(g,h,i)perylene
Concen: 12.10 ng
RT: 26.53 min Scan# 3992
Delta R.T. 0.01 min
Lab File: BE090368.D
Acq: 5 Aug 2015 20:29

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:276 Resp: 636624

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.1	30.1
138	21.7	18.1	27.1