Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090322.D
Acq On : 3 Aug 2015 23:01
Operator : TP/UM
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC002

Quant Time: Aug 04 01:37:23 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:38:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	14347	5.00	ng		0.00
6) Naphthalene-d8	10.35	136	61466	5.00	ng		0.00
12) Acenaphthene-d10	14.21	164	32202	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	68646	5.00	ng		0.00
25) Chrysene-d12	21.11	240	63300	5.00	ng		0.00
32) Perylene-d12	23.42	264	53223	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	4895	1.76	ng		0.00
5) Phenol-d6	6.78	99	6347	1.94	ng		0.00
7) Nitrobenzene-d5	8.73	82	6956	1.85	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	785	2.06	ng		-0.02
14) 2-Fluorobiphenyl	12.83	172	16532	1.78	ng		0.00
27) Terphenyl-d14	19.57	244	20923	1.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	3324	1.57	ng		94
3) n-Nitrosodimethylamine	3.50	42	4722	1.93	ng	#	97
8) Nitrobenzene	8.78	77	7373	1.97	ng		98
9) Naphthalene	10.40	128	22876	1.74	ng		97
10) Hexachlorobutadiene	10.69	225	2973	1.66	ng		99
11) 2-Methylnaphthalene	12.01	142	14858	1.81	ng		99
15) Acenaphthylene	13.92	152	99379	1.78	ng		100
16) Acenaphthene	14.27	154	14290	1.76	ng		98
17) Fluorene	15.26	166	17937	1.85	ng		99
19) 4-Bromophenyl-phenylether	16.16	248	4559	1.75	ng		96
20) Hexachlorobenzene	16.27	284	16182	1.65	ng		99
21) Pentachlorophenol	16.61	266	901	2.01	ng	#	83
22) Phenanthrene	17.00	178	27267	1.75	ng		100
23) Anthracene	17.08	178	25406	1.83	ng		99
24) Fluoranthene	18.99	202	28099	1.81	ng		100
26) Pyrene	19.36	202	29265	1.58	ng		99
28) Benzo(a)anthracene	21.09	228	21525	2.13	ng		97
29) Chrysene	21.14	228	26577	1.42	ng		98
30) Bis(2-ethylhexyl)phthalate	21.04	149	7559	1.95	ng		99
31) Indeno(1,2,3-cd)pyrene	25.82	276	13115	3.22	ng	#	84
33) Benzo(b)fluoranthene	22.72	252	13733	2.85	ng	#	91
34) Benzo(k)fluoranthene	22.76	252	23340	1.83	ng	#	94
35) Benzo(a)pyrene	23.32	252	13272	2.39	ng	#	88
36) Dibenzo(a,h)anthracene	25.84	278	8981	3.27	ng	#	75
37) Benzo(g,h,i)perylene	26.55	276	14720	2.49	ng	#	88

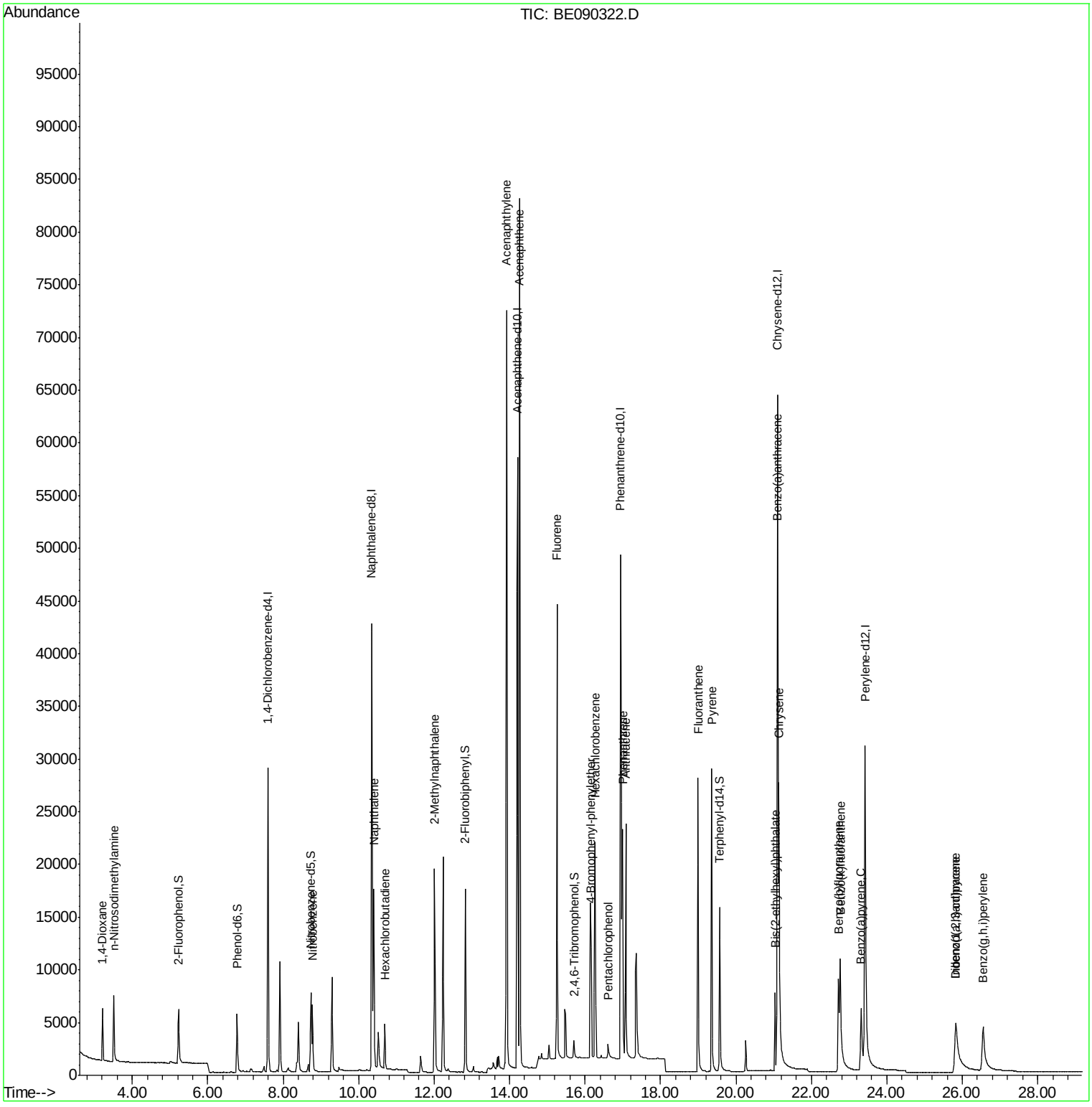
(#) = qualifier out of range (m) = manual integration (+) = signals summed

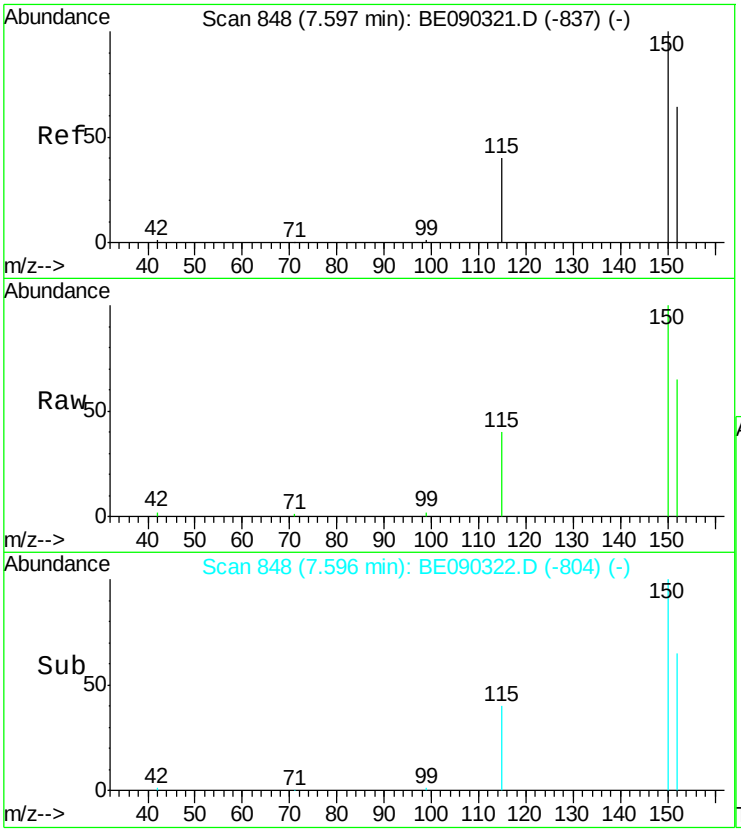
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090322.D
Acq On : 3 Aug 2015 23:01
Operator : TP/UM
Sample : SSTDICC002
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Quant Time: Aug 04 01:37:23 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:38:34 2015
Response via : Initial Calibration



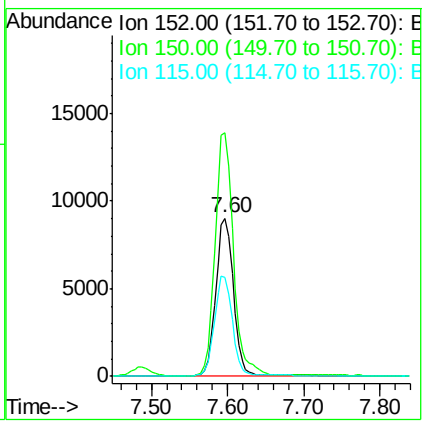


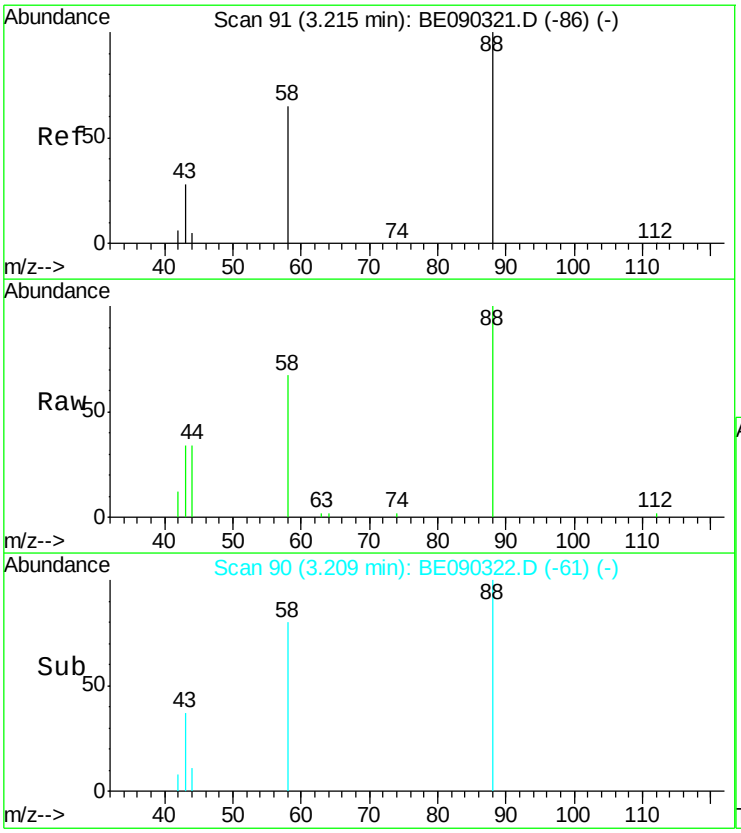
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 14347

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.2	186.2
115	62.3	50.4	75.6

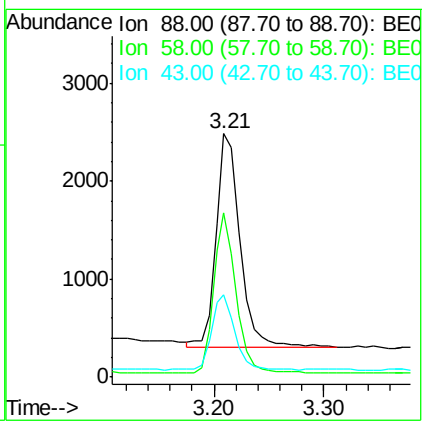


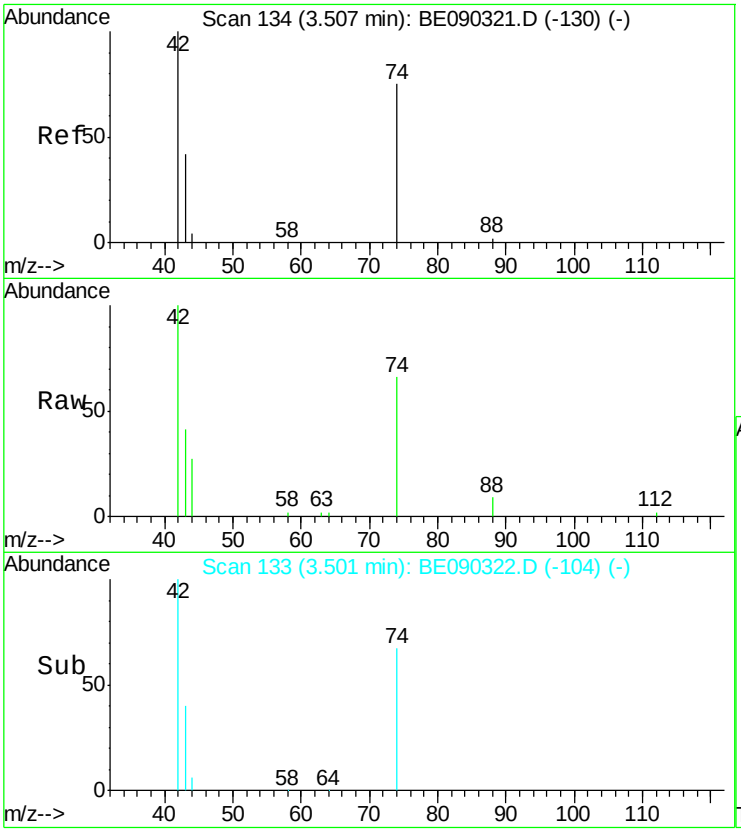


#2
1,4-Dioxane
Concen: 1.57 ng
RT: 3.21 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion: 88 Resp: 3324

Ion	Ratio	Lower	Upper
88	100		
58	68.1	50.2	75.2
43	33.7	25.0	37.6



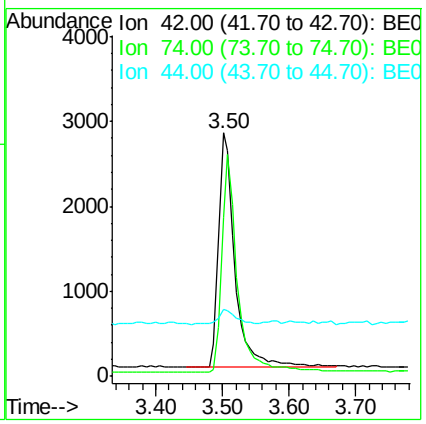


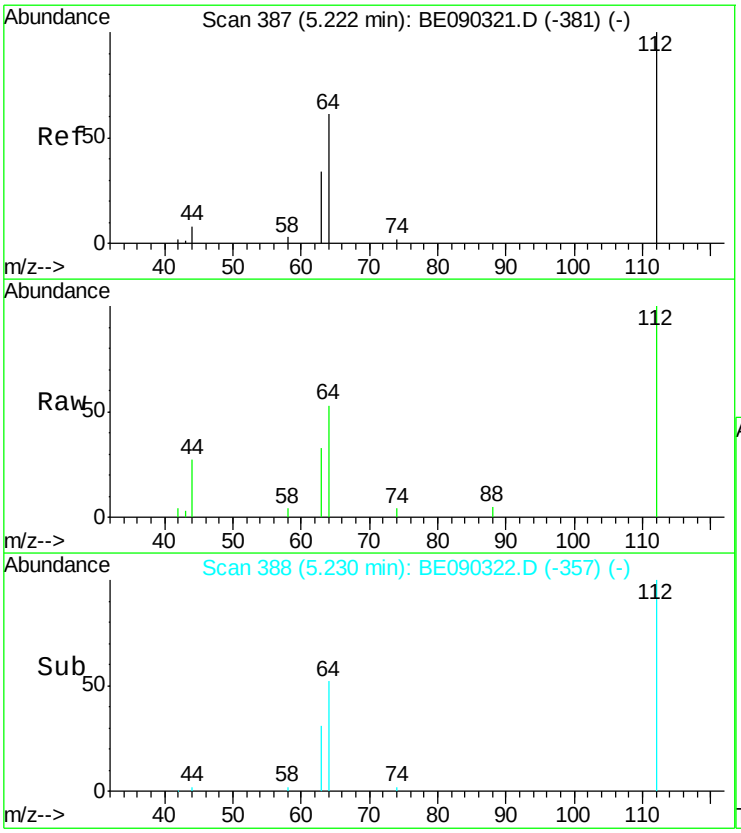
#3
n-Nitrosodimethylamine
Concen: 1.93 ng
RT: 3.50 min Scan# 133
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 42 Resp: 4722

Ion	Ratio	Lower	Upper
42	100		
74	89.2	73.2	109.8
44	6.2	3.8	5.6#

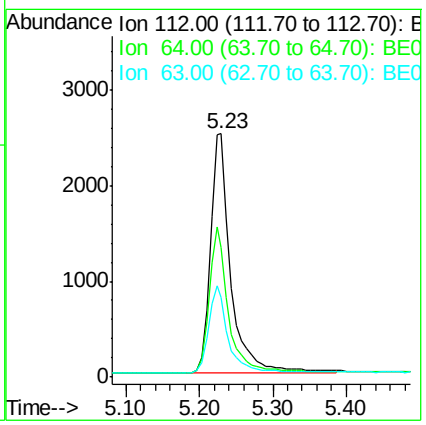


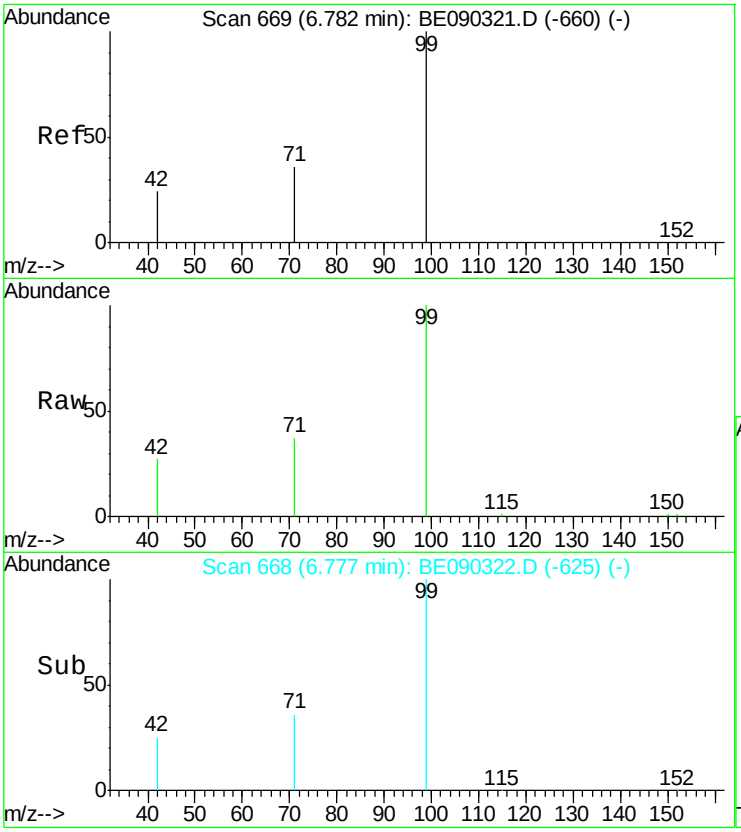


#4
2-Fluorophenol
Concen: 1.76 ng
RT: 5.23 min Scan# 388
Delta R.T. 0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:112 Resp: 4895

Ion	Ratio	Lower	Upper
112	100		
64	57.7	49.0	73.4
63	34.5	27.7	41.5



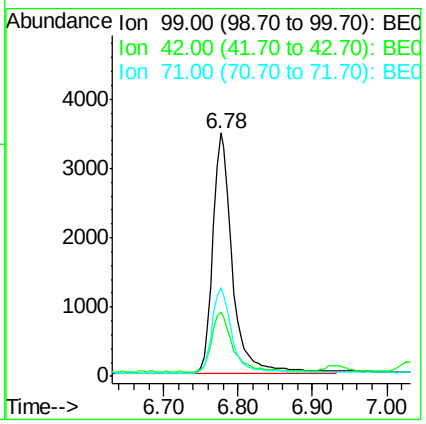


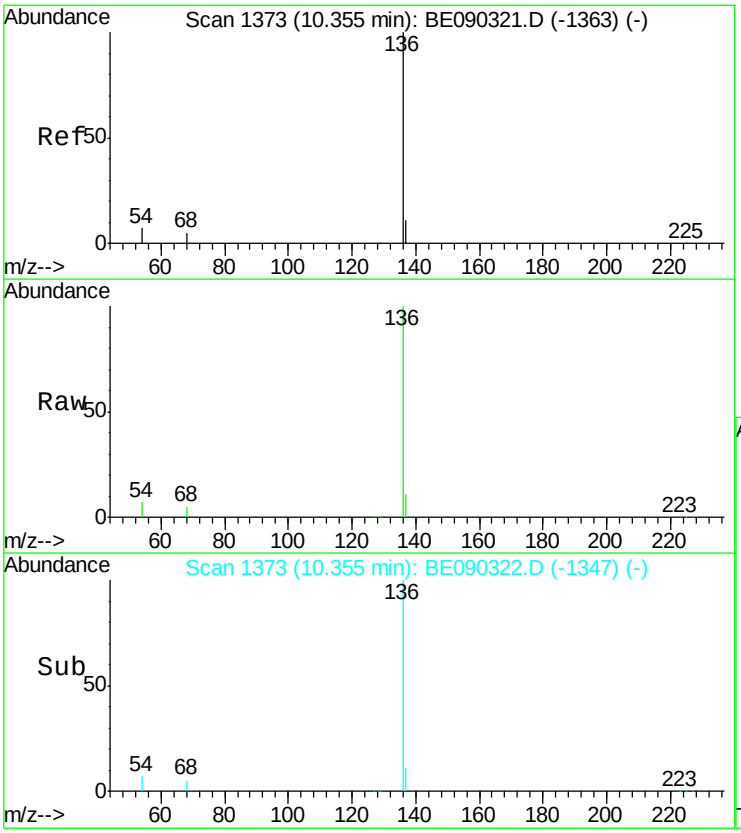
#5
Phenol-d6
Concen: 1.94 ng
RT: 6.78 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 99 Resp: 6347

Ion	Ratio	Lower	Upper
99	100		
42	26.6	22.2	33.2
71	36.2	29.2	43.8

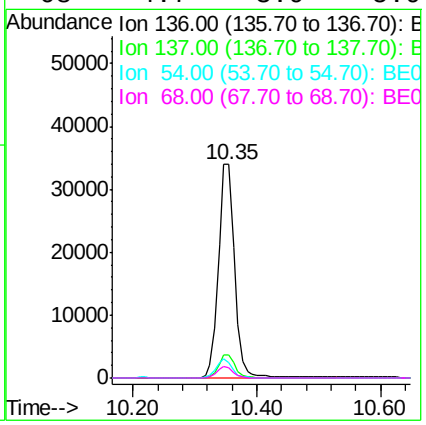


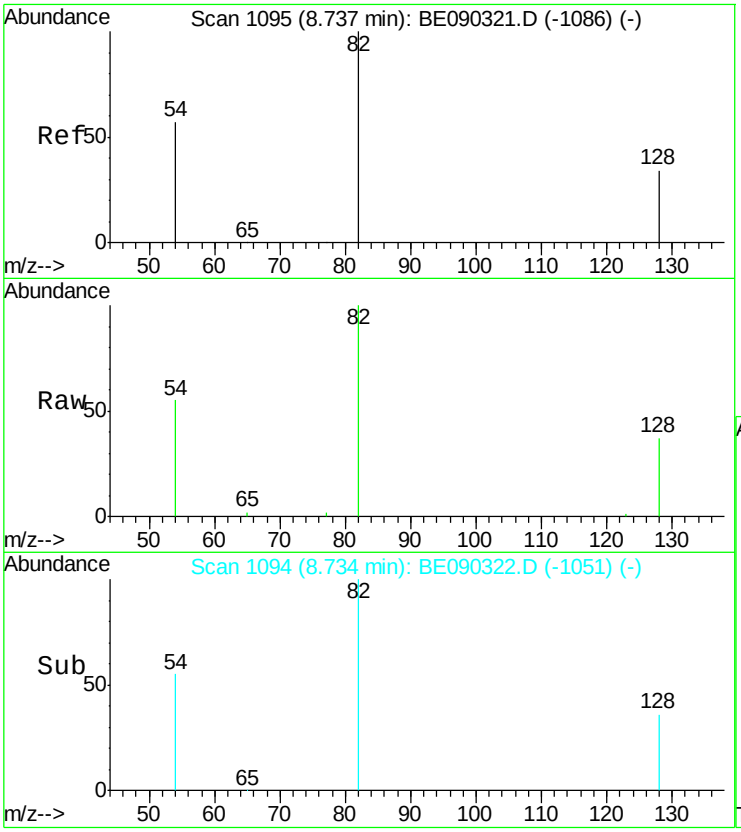


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:136 Resp: 61466

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.0	9.0
68	4.7	3.9	5.9



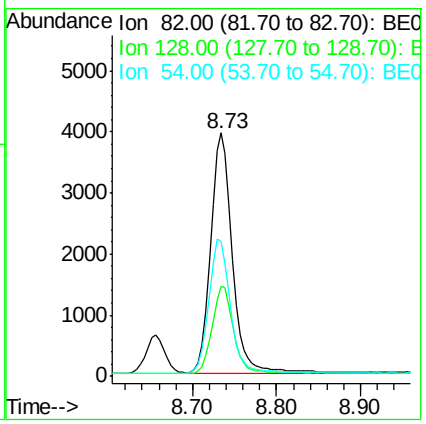


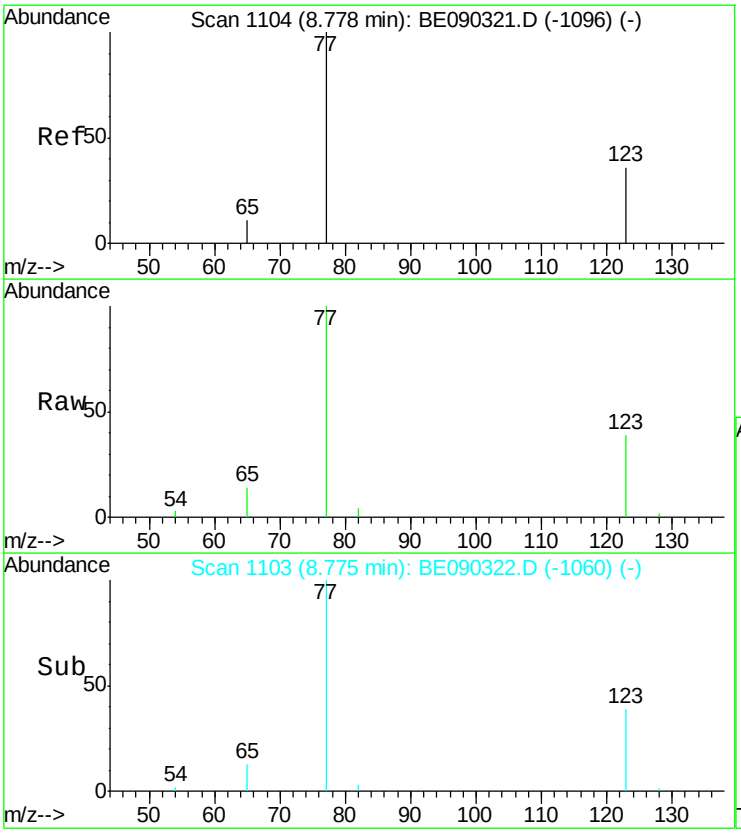
#7
Nitrobenzene-d5
Concen: 1.85 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion: 82 Resp: 6956

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.8	46.2
54	55.4	47.5	71.3

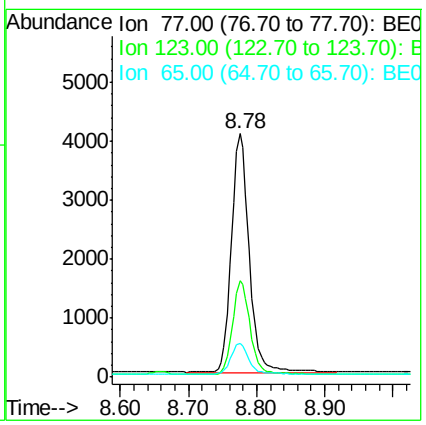


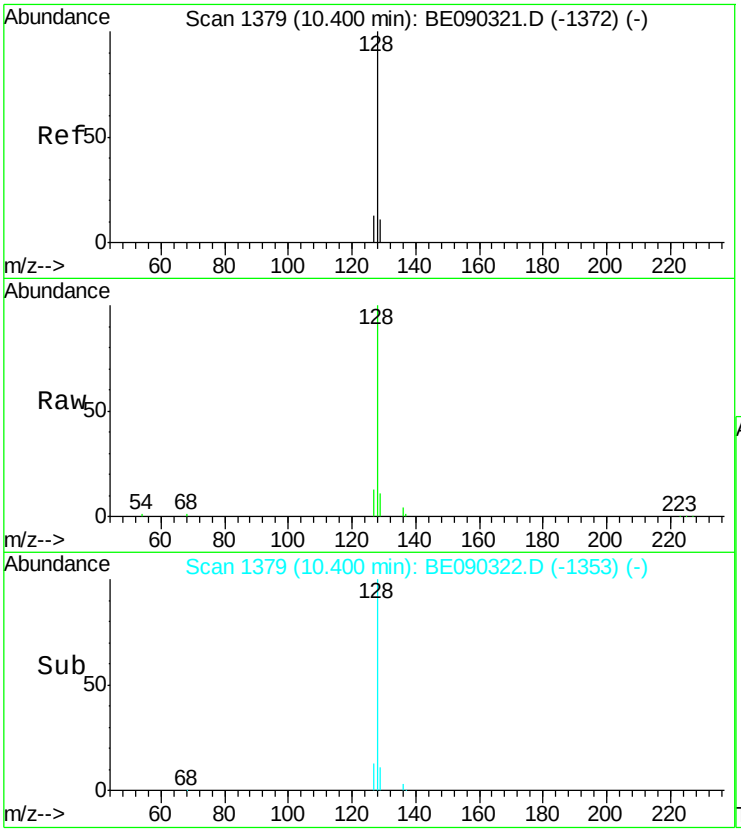


#8
Nitrobenzene
Concen: 1.97 ng
RT: 8.78 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion: 77 Resp: 7373

Ion	Ratio	Lower	Upper
77	100		
123	38.7	29.6	44.4
65	12.8	10.4	15.6



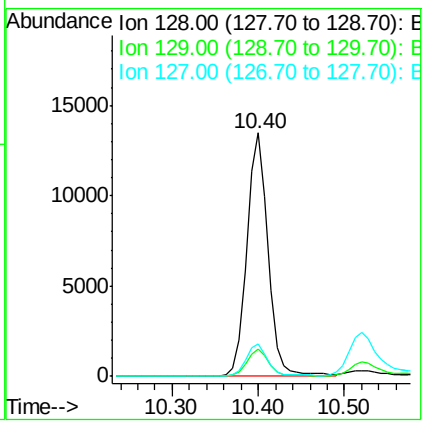


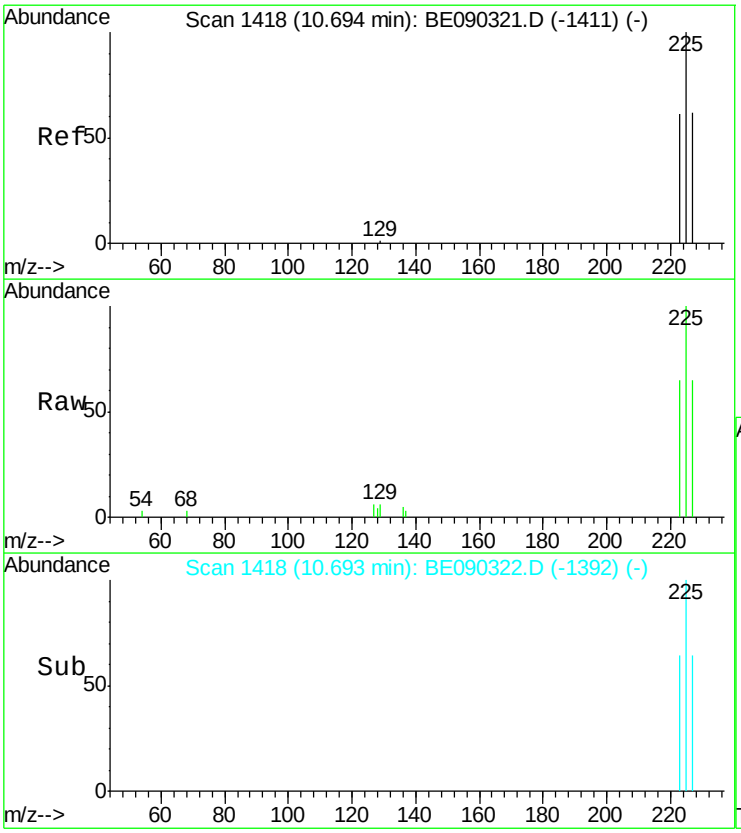
#9
Naphthalene
Concen: 1.74 ng
RT: 10.40 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:128 Resp: 22876

Ion	Ratio	Lower	Upper
128	100		
129	11.4	10.1	15.1
127	13.2	11.3	16.9

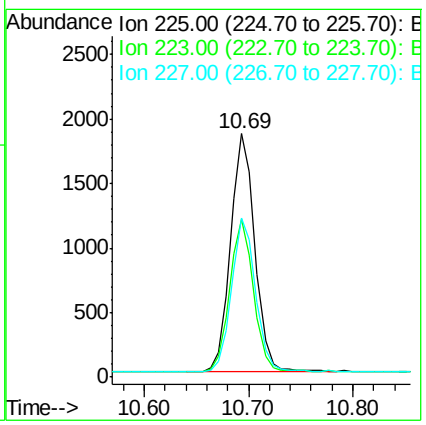


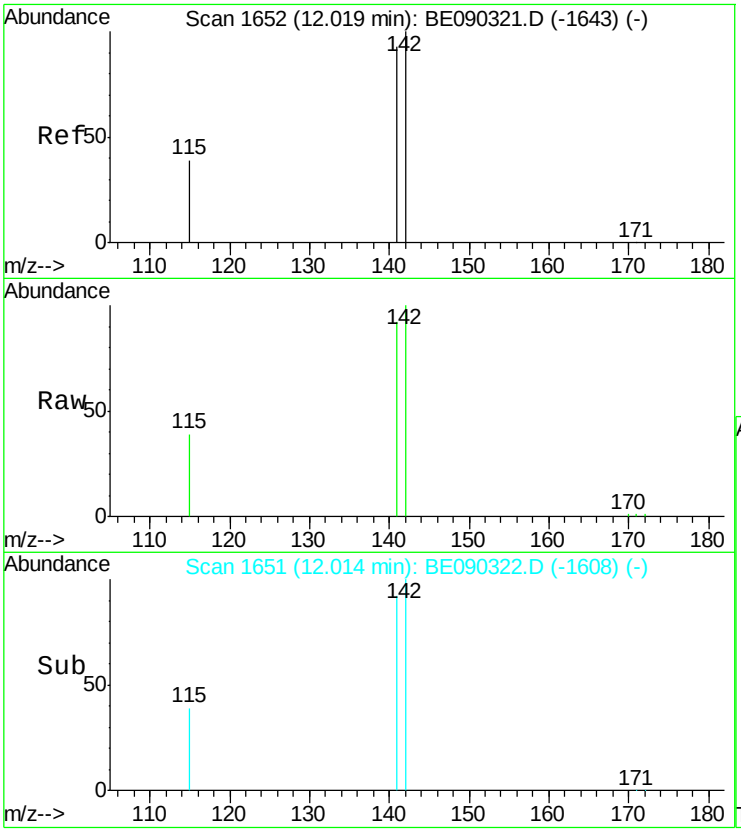


#10
Hexachlorobutadiene
Concen: 1.66 ng
RT: 10.69 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:225 Resp: 2973

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	64.0	49.6	74.4



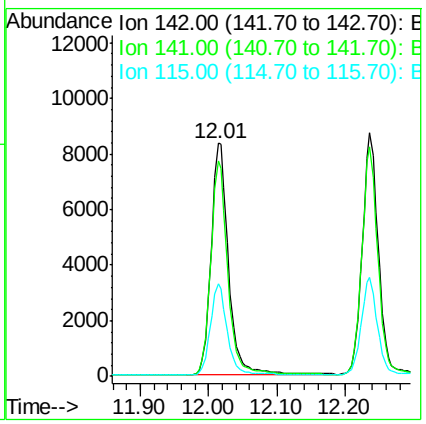


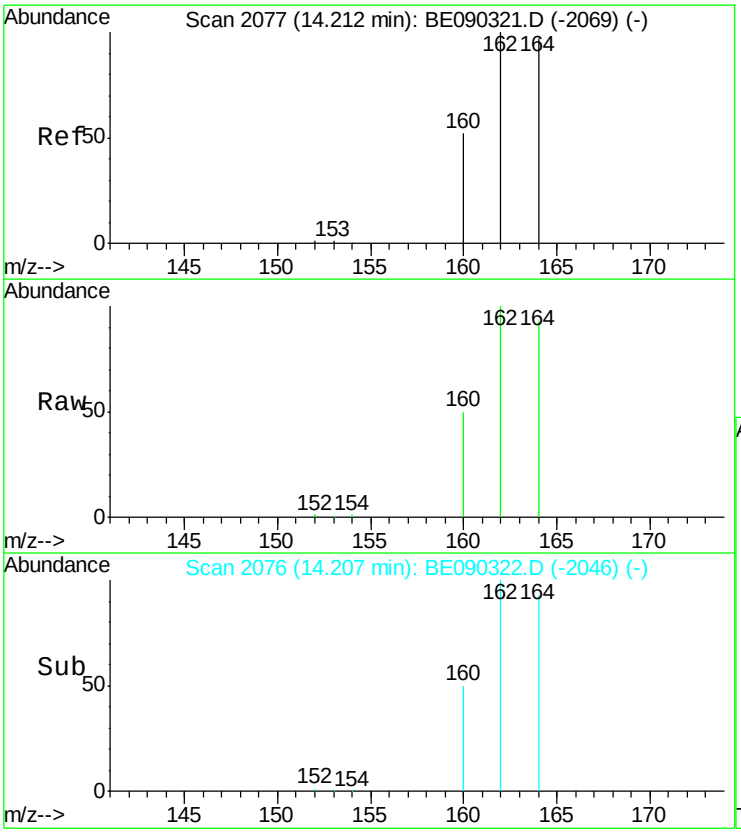
#11
2-Methylnaphthalene
Concen: 1.81 ng
RT: 12.01 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:142 Resp: 14858

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.6	112.0
115	39.5	32.6	49.0

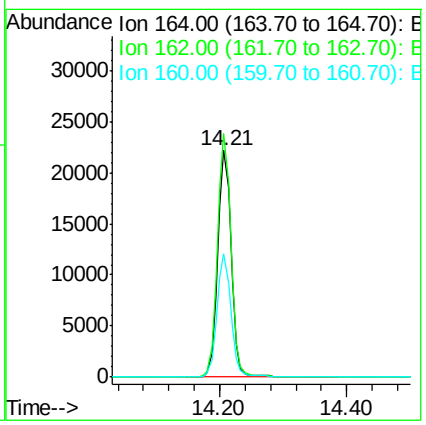


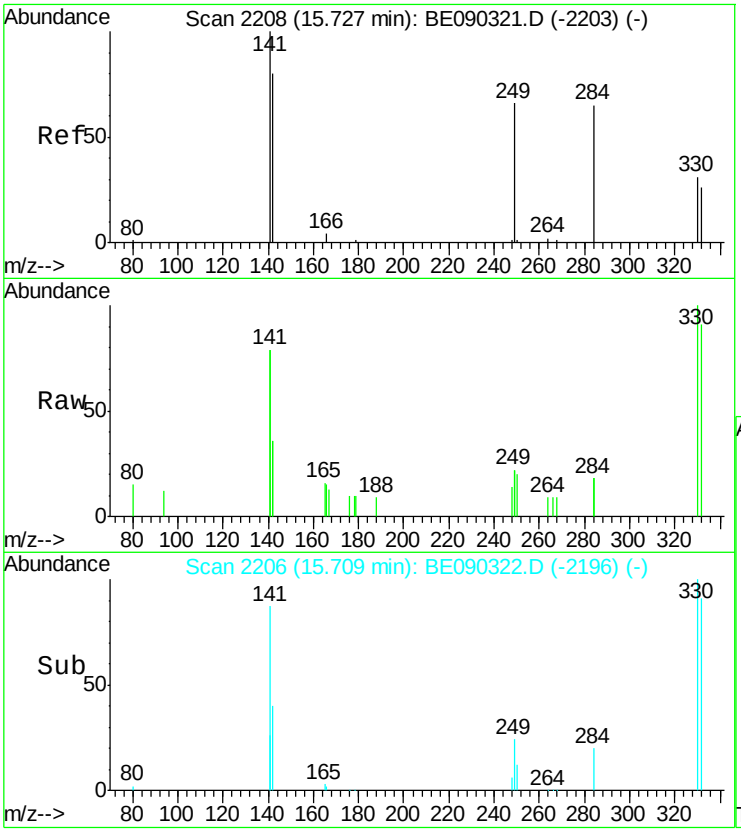


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:164 Resp: 32202

Ion	Ratio	Lower	Upper
164	100		
162	107.5	82.7	124.1
160	54.2	43.0	64.6



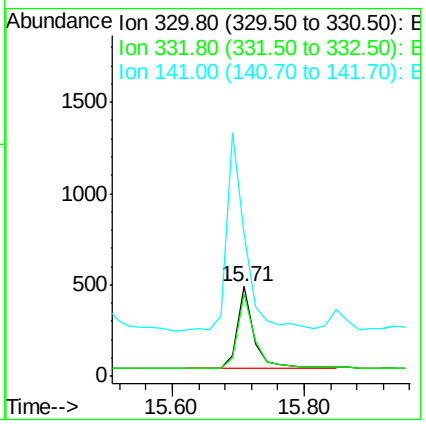


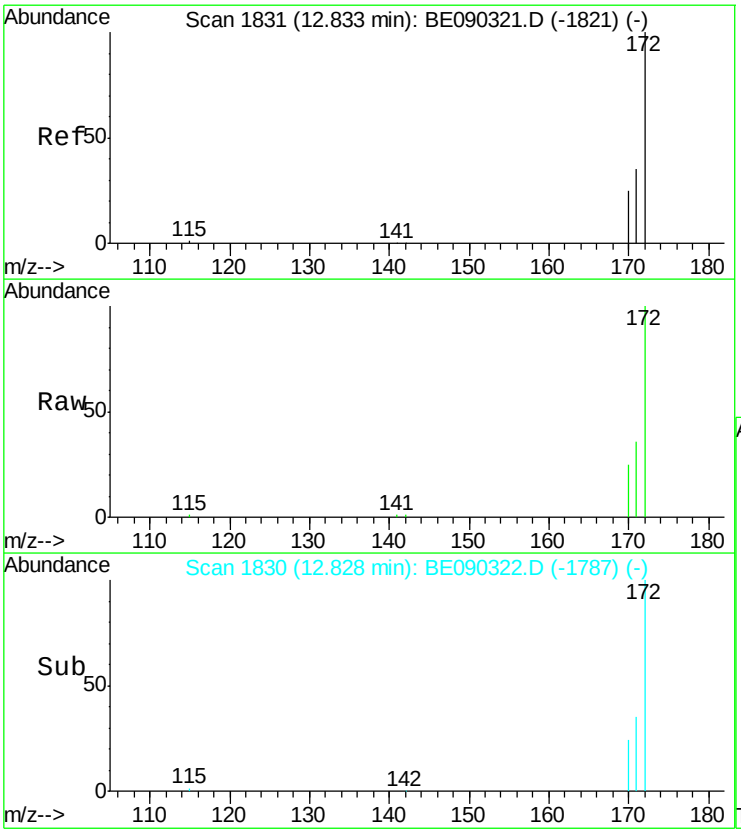
#13
2,4,6-Tribromophenol
Concen: 2.06 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:330 Resp: 785

Ion	Ratio	Lower	Upper
330	100		
332	92.5	79.4	119.0
141	274.9	245.9	368.9

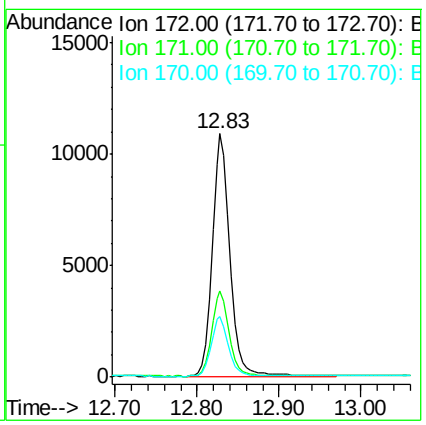


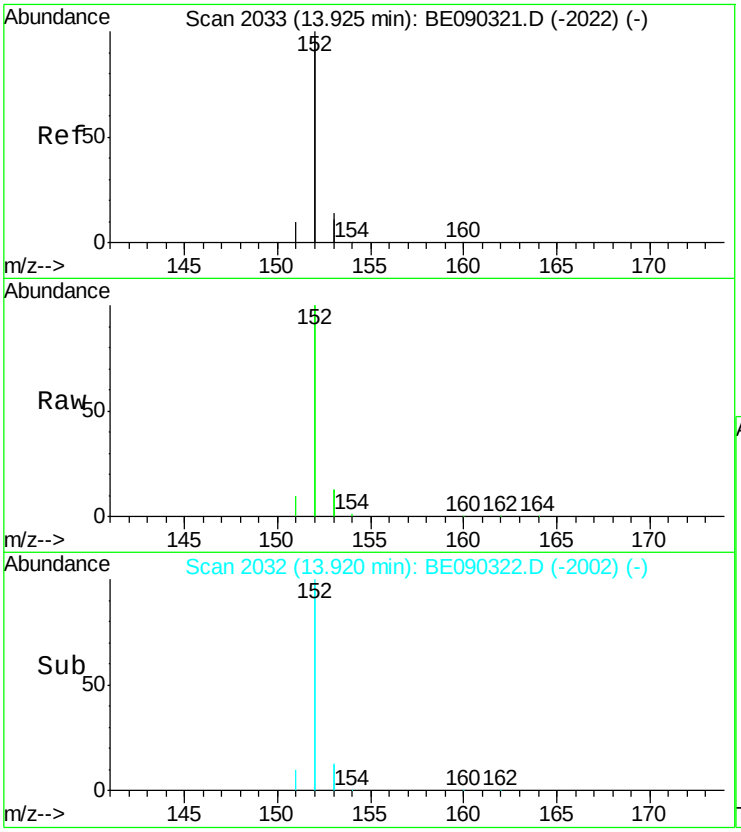


#14
2-Fluorobiphenyl
Concen: 1.78 ng
RT: 12.83 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:172 Resp: 16532

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.5	44.3
170	24.7	21.3	31.9



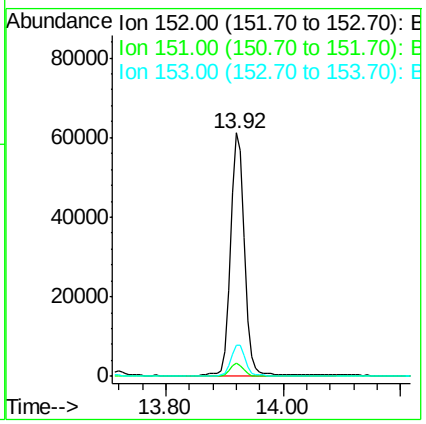


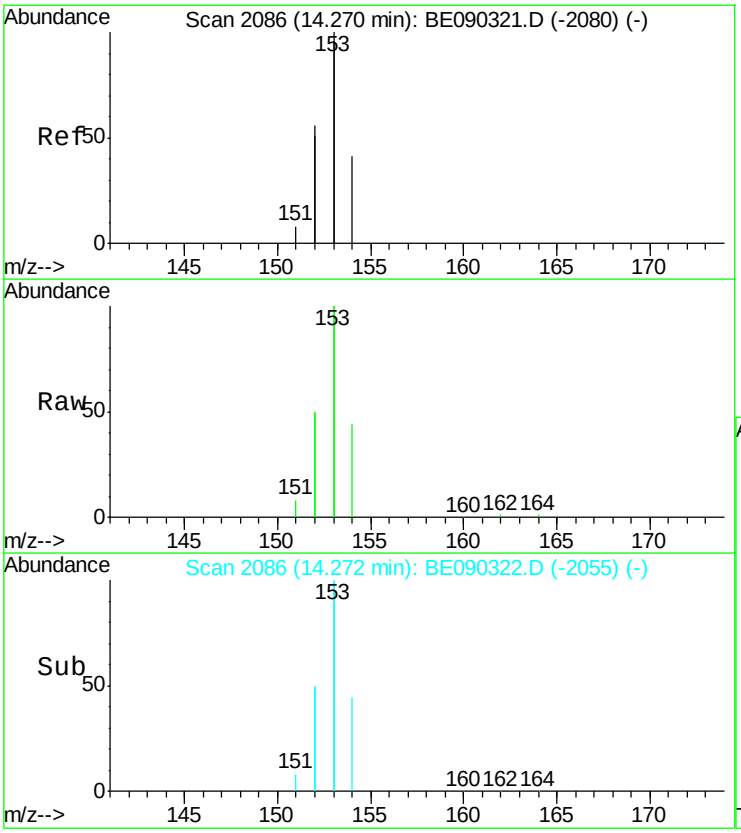
#15
Acenaphthylene
Concen: 1.78 ng
RT: 13.92 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:152 Resp: 99379

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.0	10.2	15.4

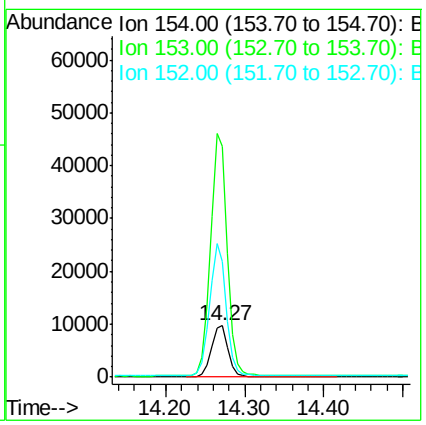


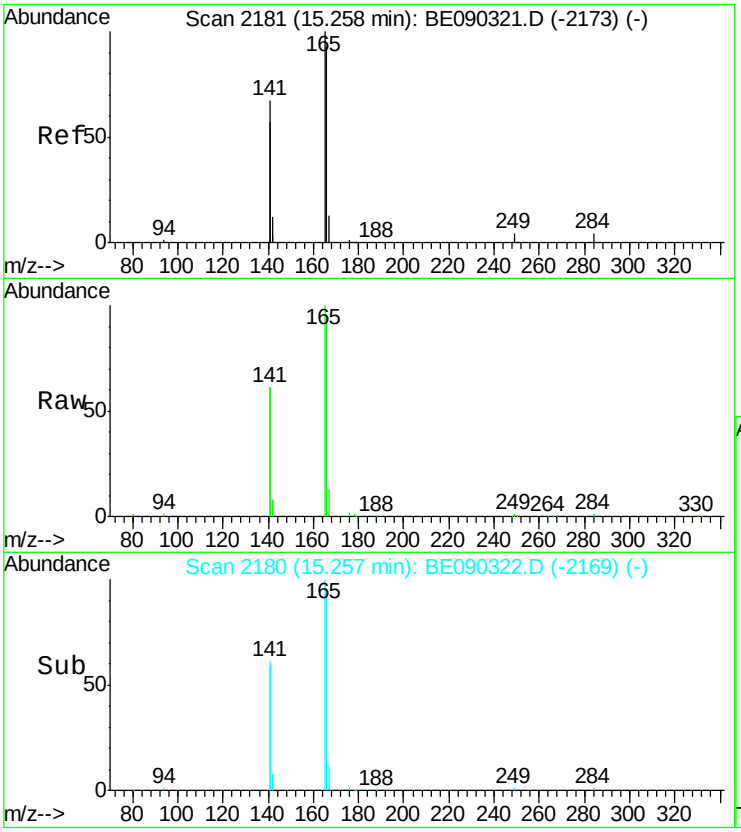


#16
Acenaphthene
Concen: 1.76 ng
RT: 14.27 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:154 Resp: 14290

Ion	Ratio	Lower	Upper
154	100		
153	473.1	378.0	567.0
152	254.3	212.7	319.1



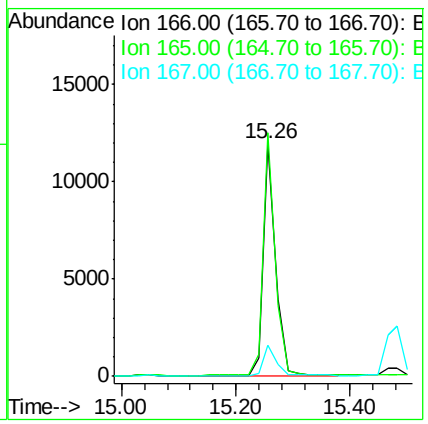


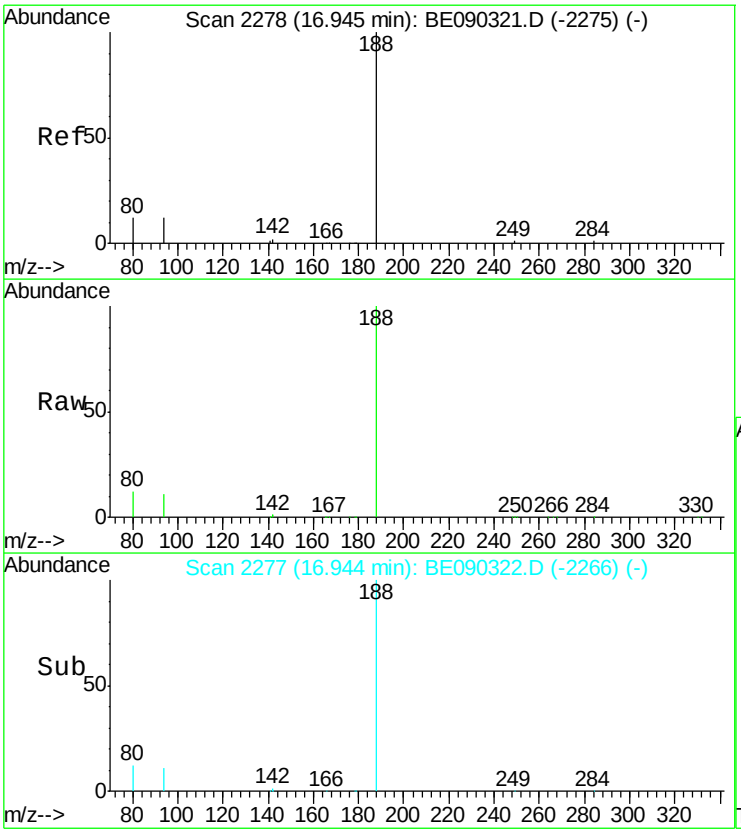
#17
Fluorene
Concen: 1.85 ng
RT: 15.26 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:166 Resp: 17937

Ion	Ratio	Lower	Upper
166	100		
165	102.8	82.6	123.8
167	13.6	11.8	17.8

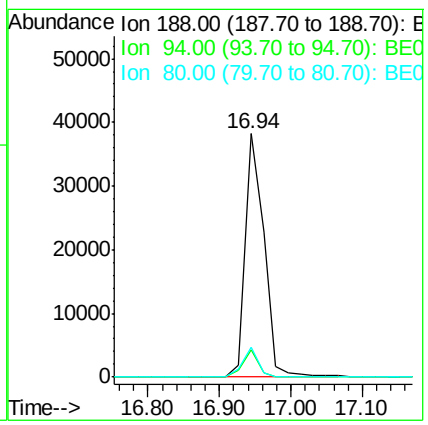


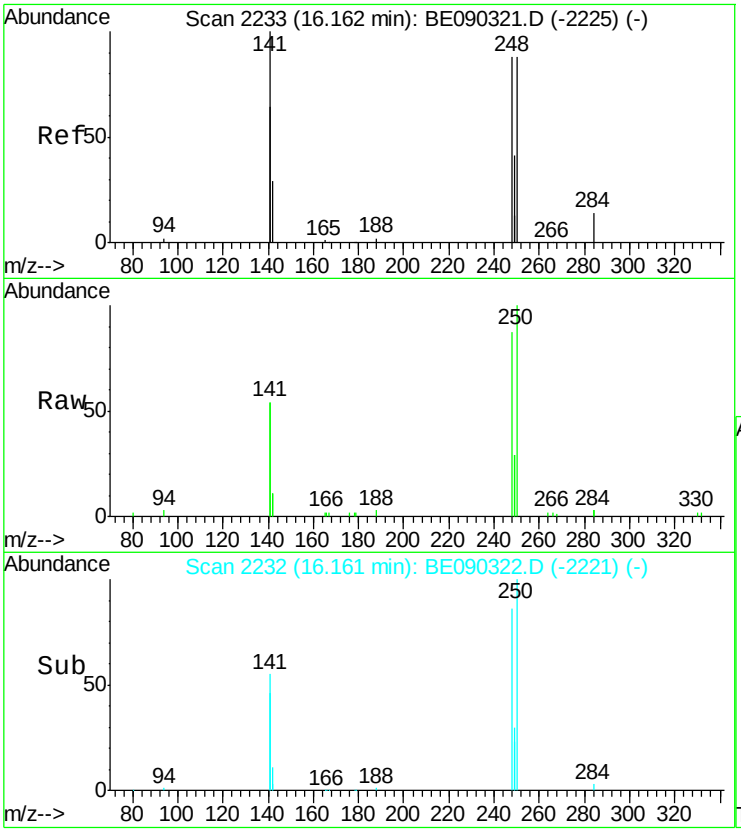


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:188 Resp: 68646

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.5	14.3
80	12.3	10.0	15.0



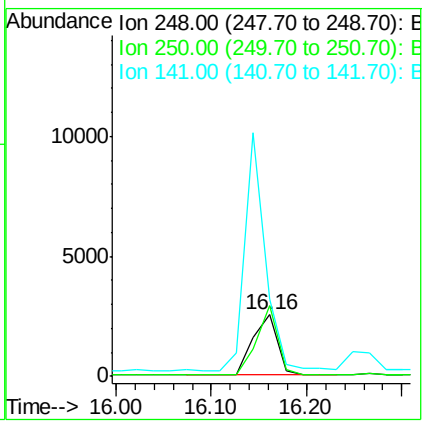


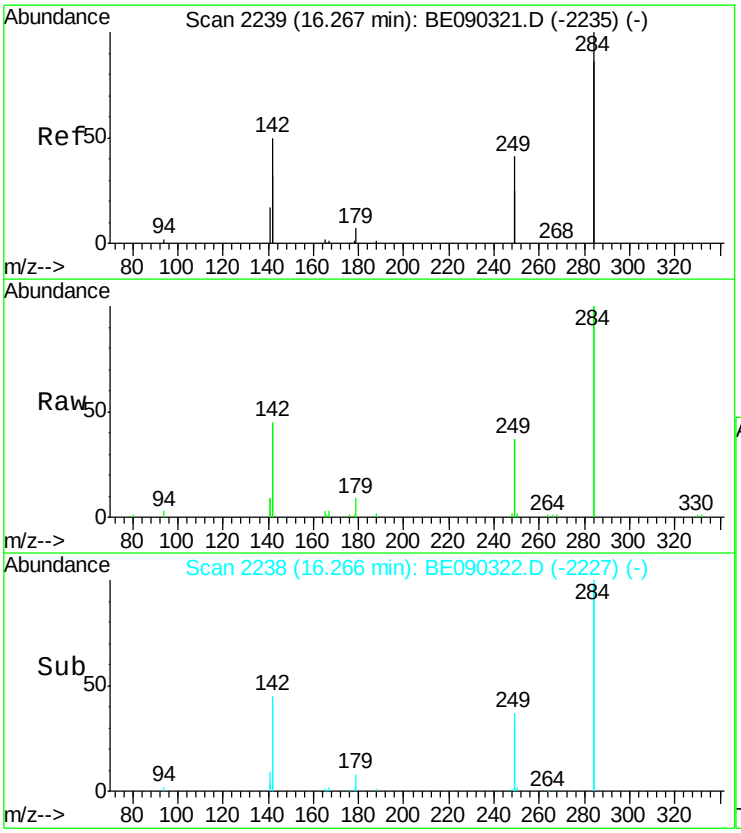
#19
4-Bromophenyl-phenylether
Concen: 1.75 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:248 Resp: 4559

Ion	Ratio	Lower	Upper
248	100		
250	99.8	74.0	111.0
141	318.7	258.9	388.3

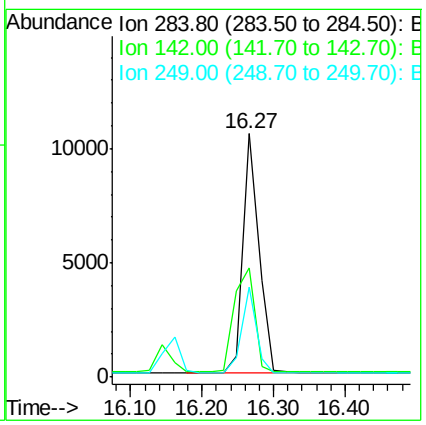


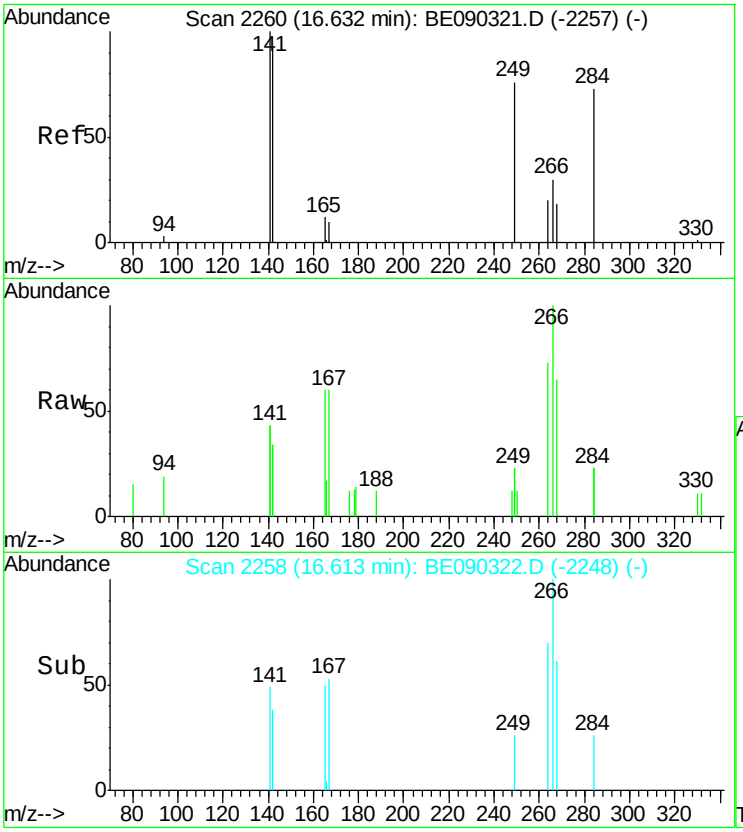


#20
Hexachlorobenzene
Concen: 1.65 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:284 Resp: 16182

Ion	Ratio	Lower	Upper
284	100		
142	54.4	44.2	66.4
249	32.7	26.4	39.6



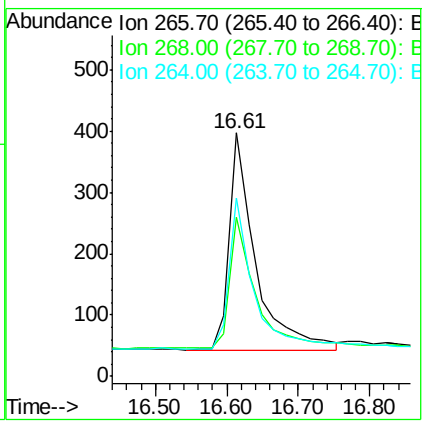


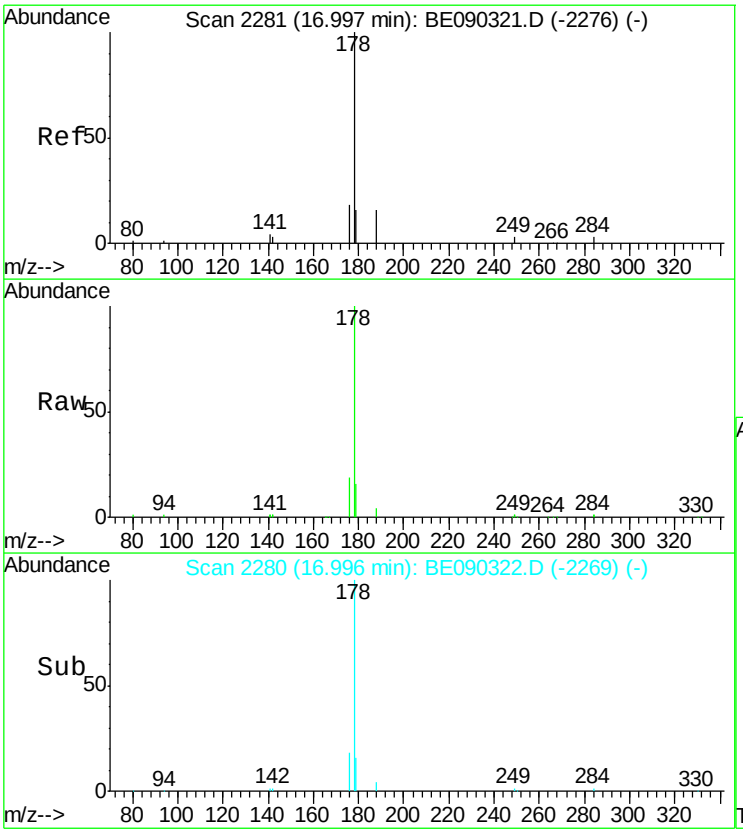
#21
Pentachlorophenol
Concen: 2.01 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:266 Resp: 901

Ion	Ratio	Lower	Upper
266	100		
268	65.2	66.2	99.2#
264	73.0	69.1	103.7

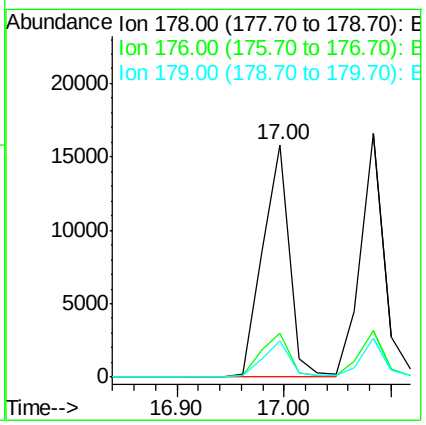


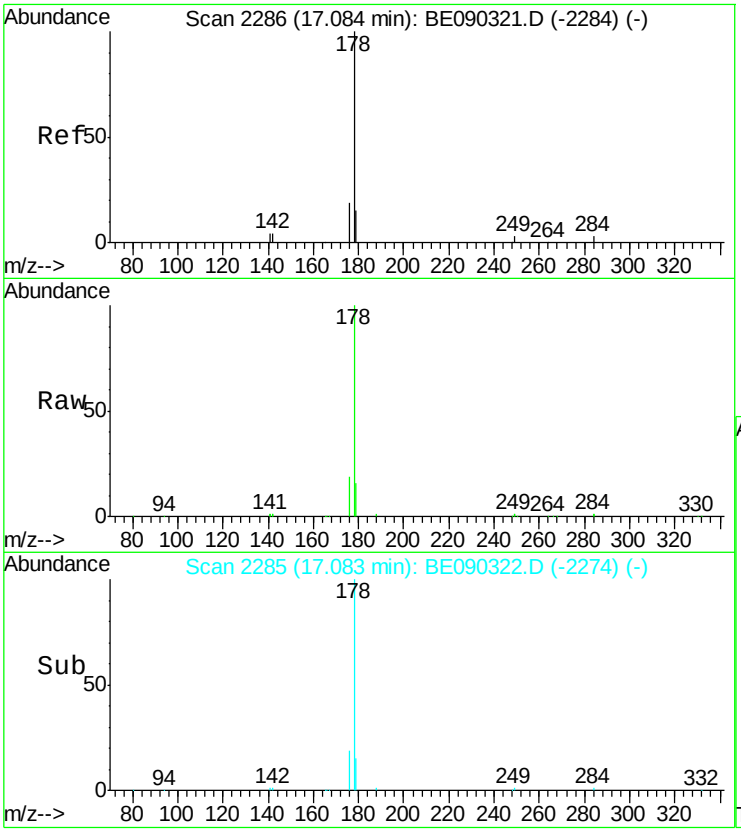


#22
Phenanthrene
Concen: 1.75 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:178 Resp: 27267

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.6	18.8



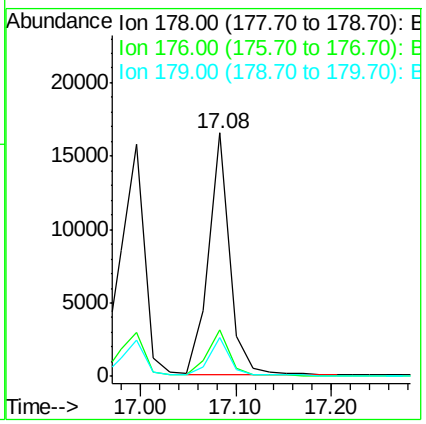


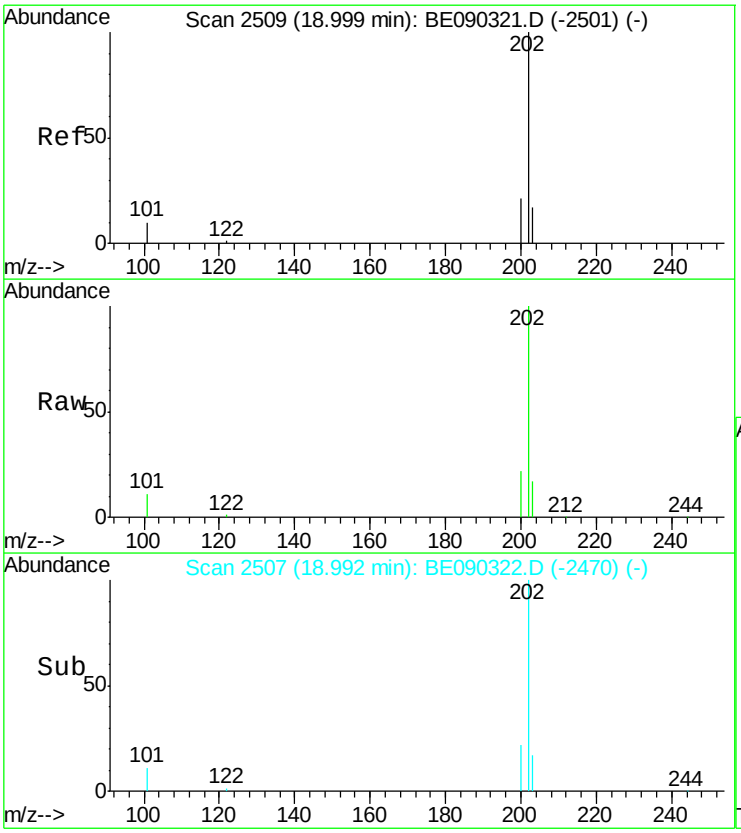
#23
Anthracene
Concen: 1.83 ng
RT: 17.08 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:178 Resp: 25406

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.2	12.1	18.1

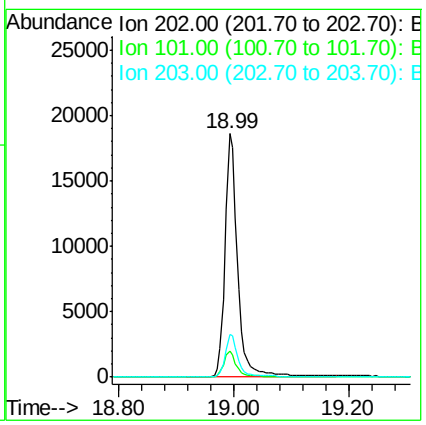


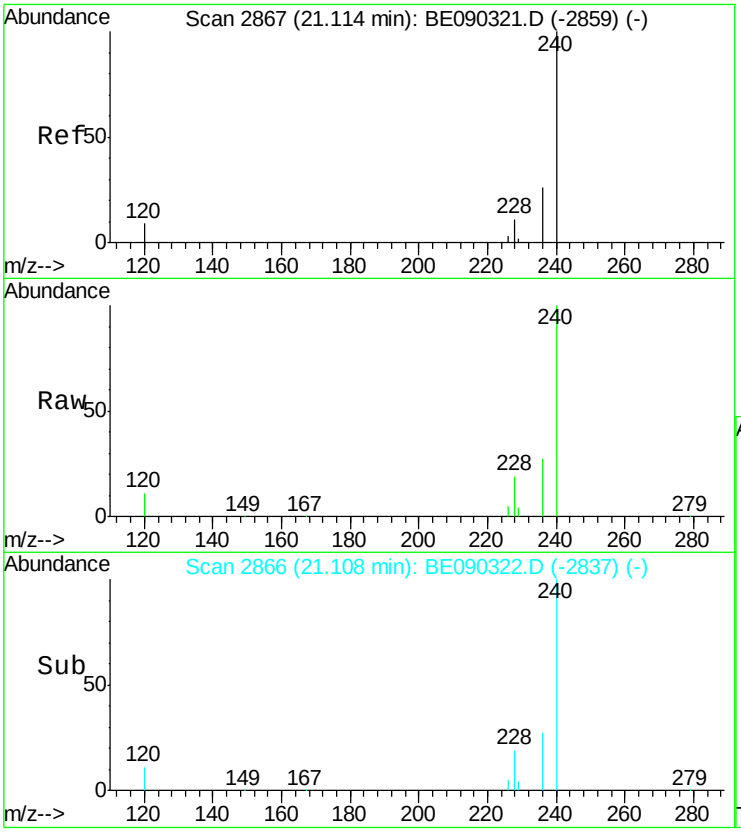


#24
Fluoranthene
Concen: 1.81 ng
RT: 18.99 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:202 Resp: 28099

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
203	17.2	13.8	20.8



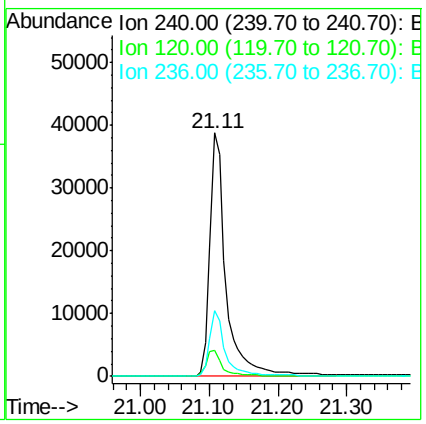


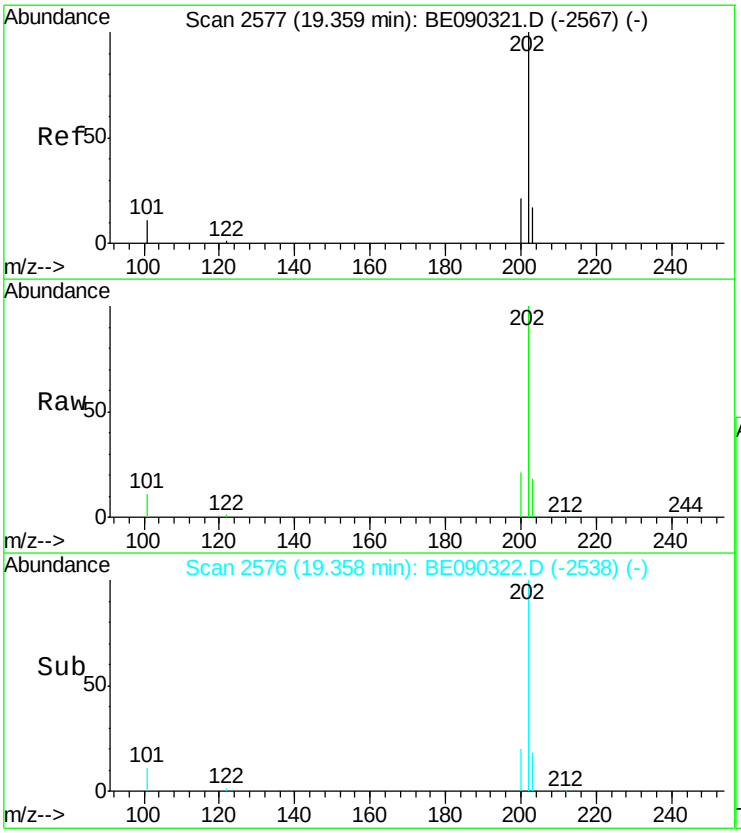
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:240 Resp: 63300

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.5	11.3
236	26.8	21.0	31.4

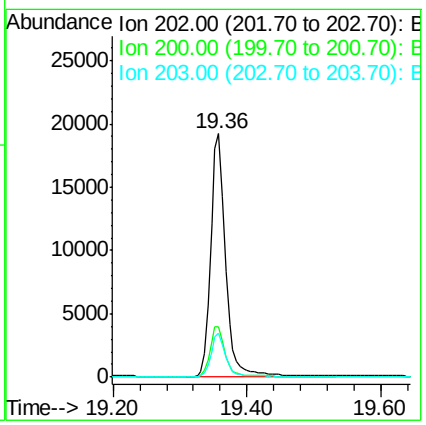


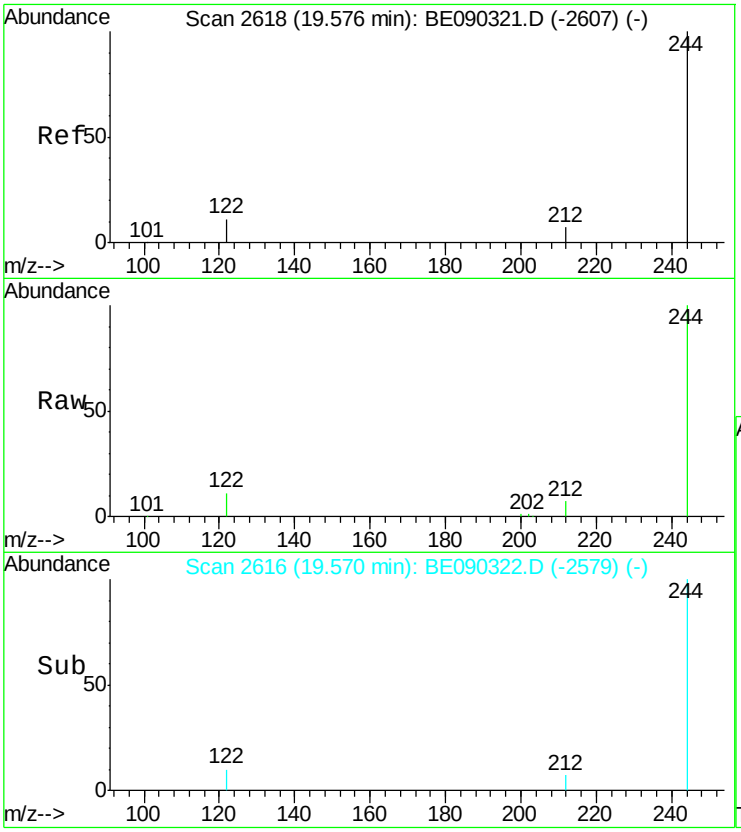


#26
Pyrene
Concen: 1.58 ng
RT: 19.36 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:202 Resp: 29265

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	17.5	13.8	20.6



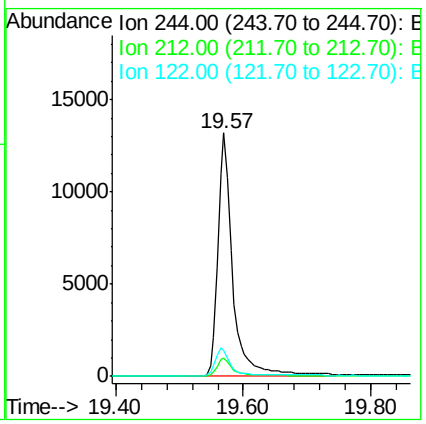


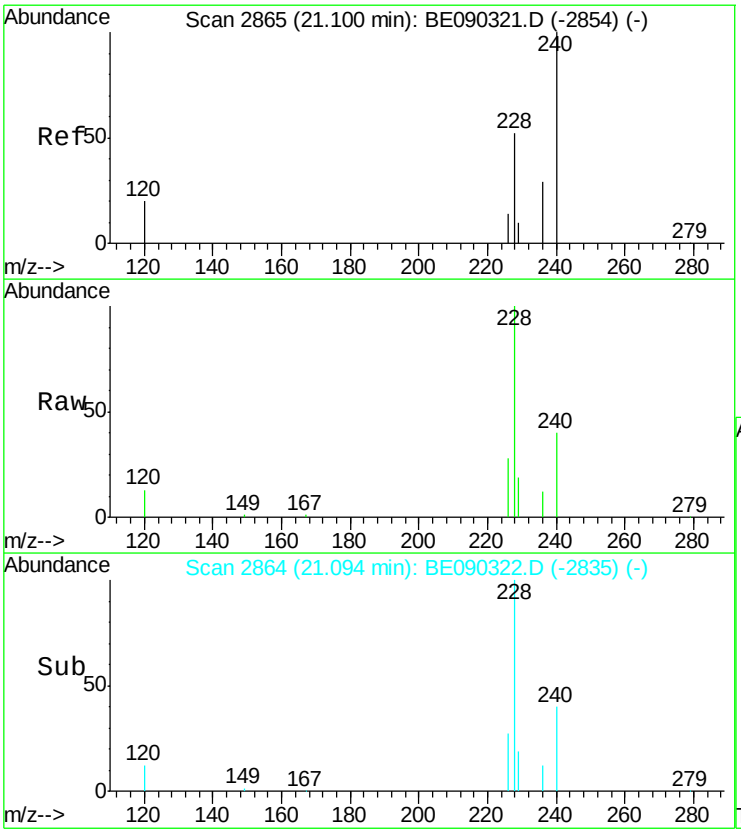
#27
Terphenyl-d14
Concen: 1.74 ng
RT: 19.57 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:244 Resp: 20923

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.4	11.2
122	10.6	10.4	15.6

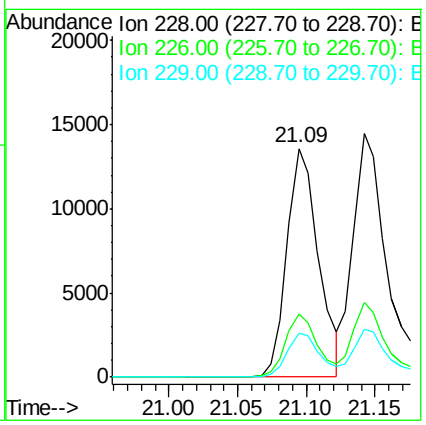


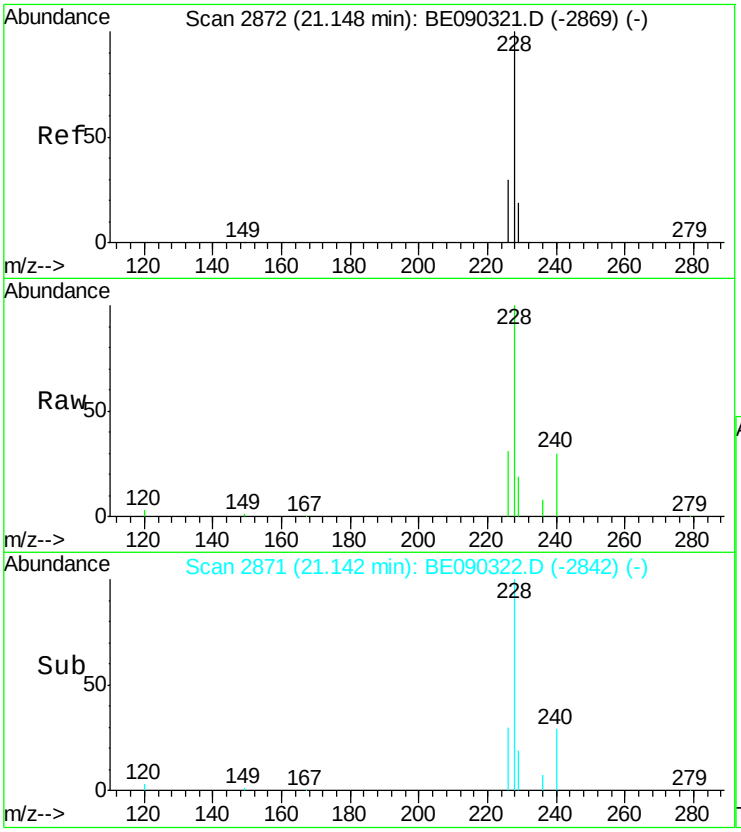


#28
Benzo(a)anthracene
Concen: 2.13 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:228 Resp: 21525

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.0	34.4
229	19.4	17.4	26.2



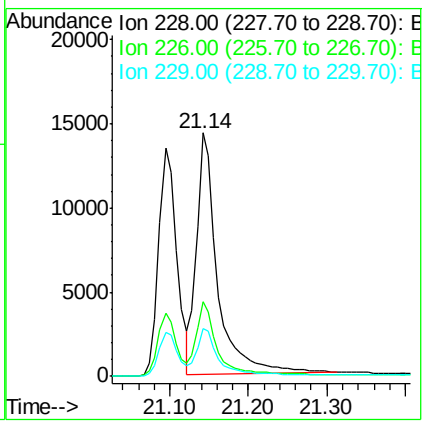


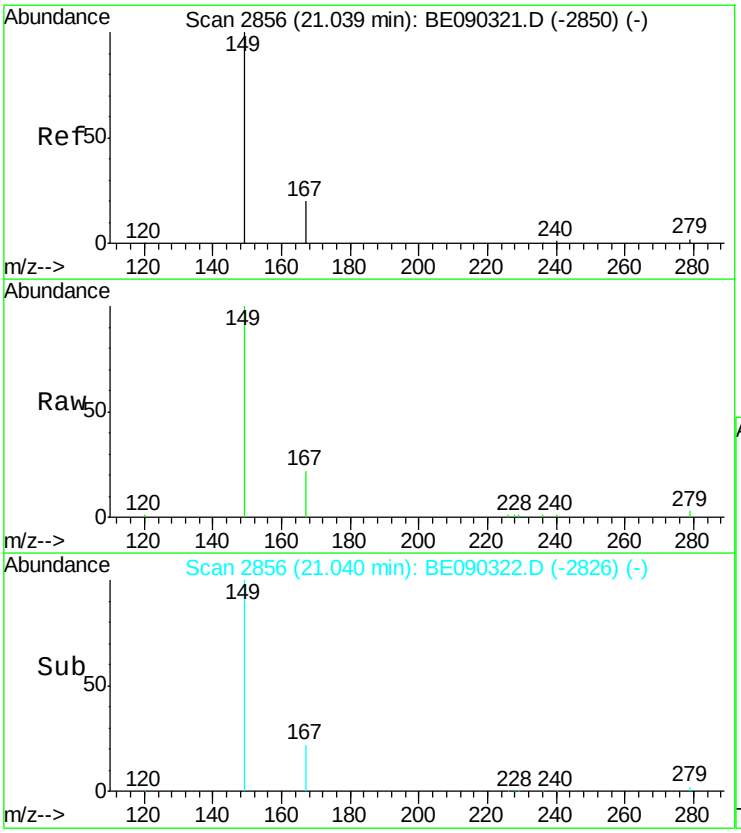
#29
Chrysene
Concen: 1.42 ng
RT: 21.14 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:228 Resp: 26577

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.4	16.6	25.0

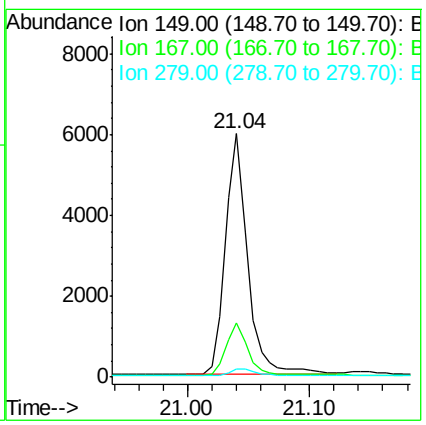


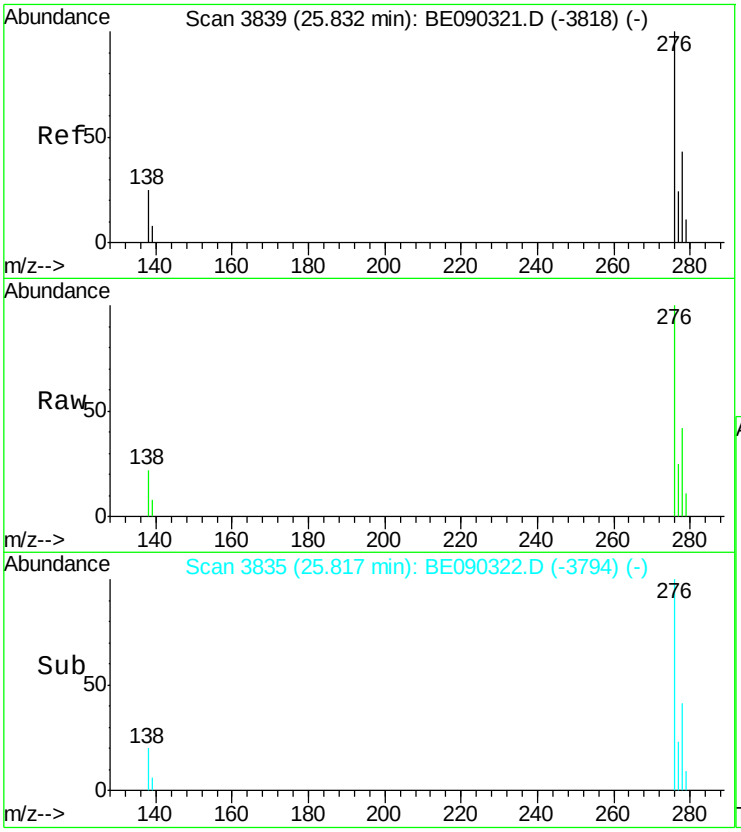


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.95 ng
RT: 21.04 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:149 Resp: 7559

Ion	Ratio	Lower	Upper
149	100		
167	21.2	16.6	24.8
279	2.8	2.7	4.1



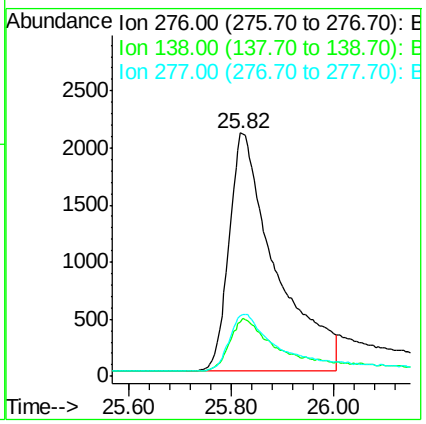


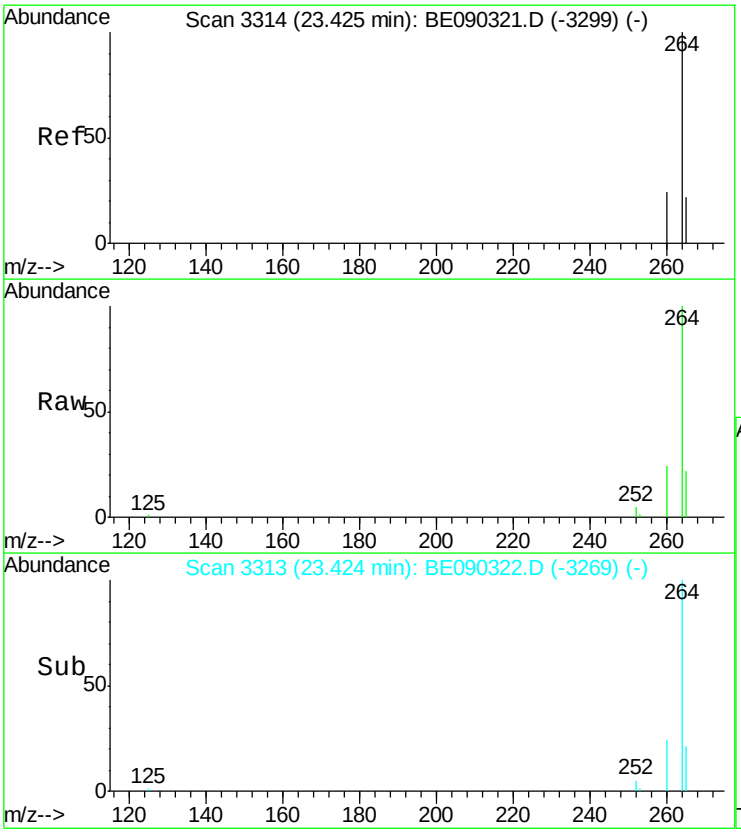
#31
Indeno(1,2,3-cd)pyrene
Concen: 3.22 ng
RT: 25.82 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 13115

Ion	Ratio	Lower	Upper
276	100		
138	21.1	10.6	16.0#
277	24.7	14.6	22.0#

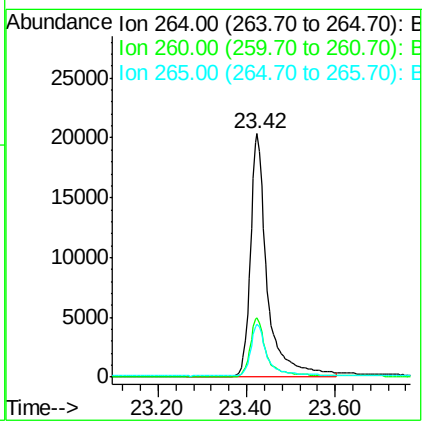


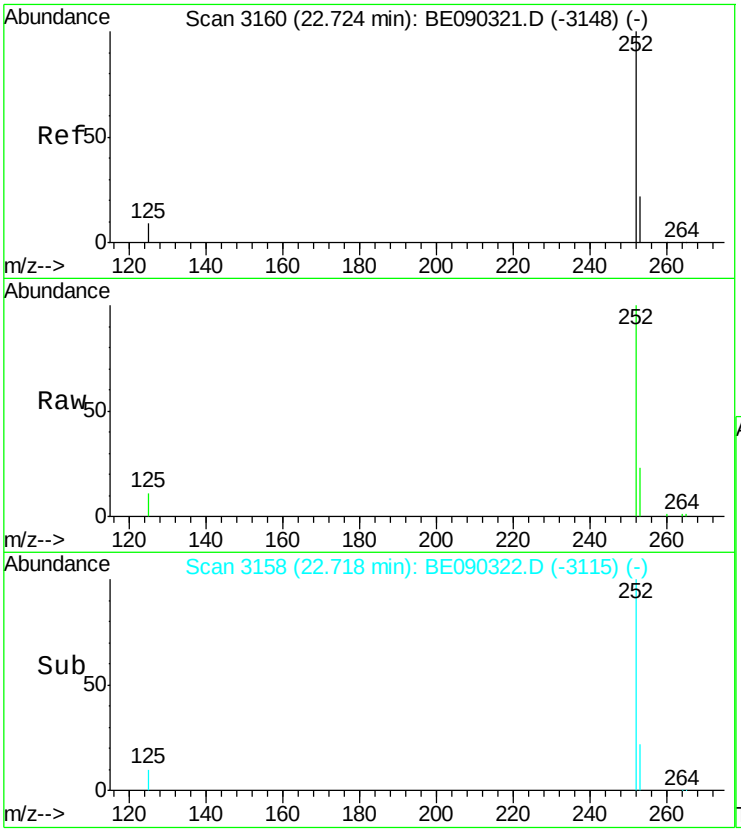


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.42 min Scan# 3313
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:264 Resp: 53223

Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.1	30.1
265	21.7	18.6	28.0



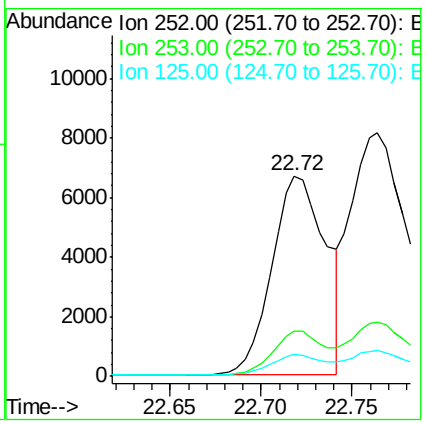


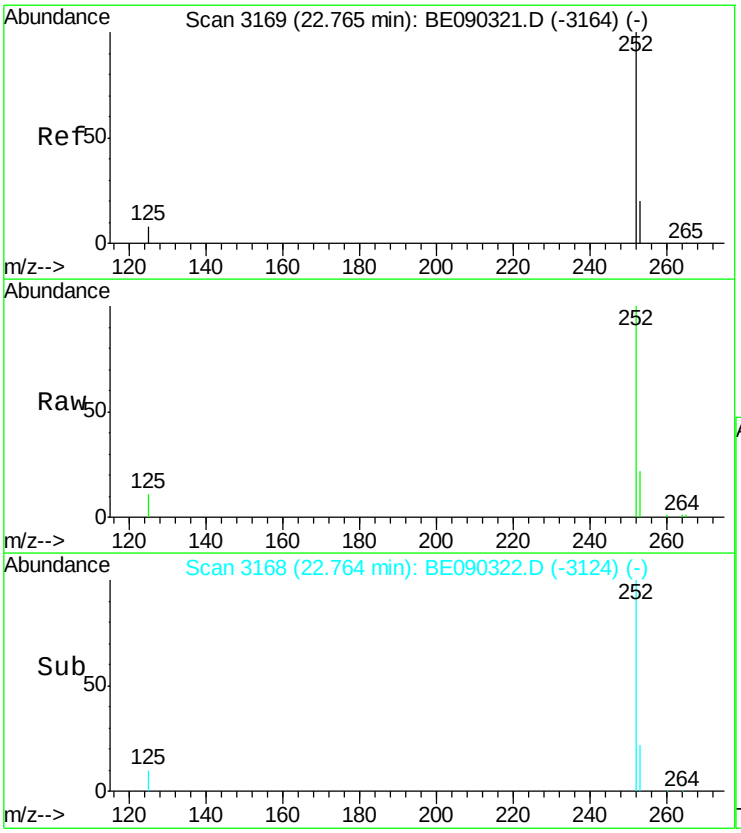
#33
Benzo(b)fluoranthene
Concen: 2.85 ng
RT: 22.72 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 13733

Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.5	32.3
125	10.8	11.8	17.8#

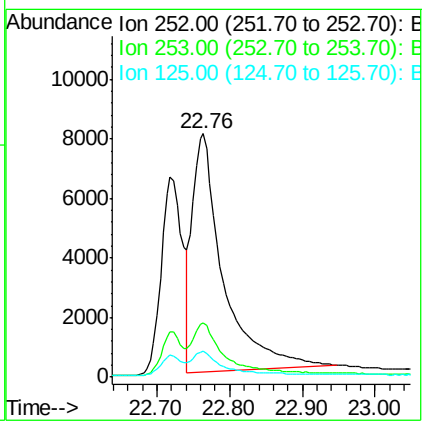


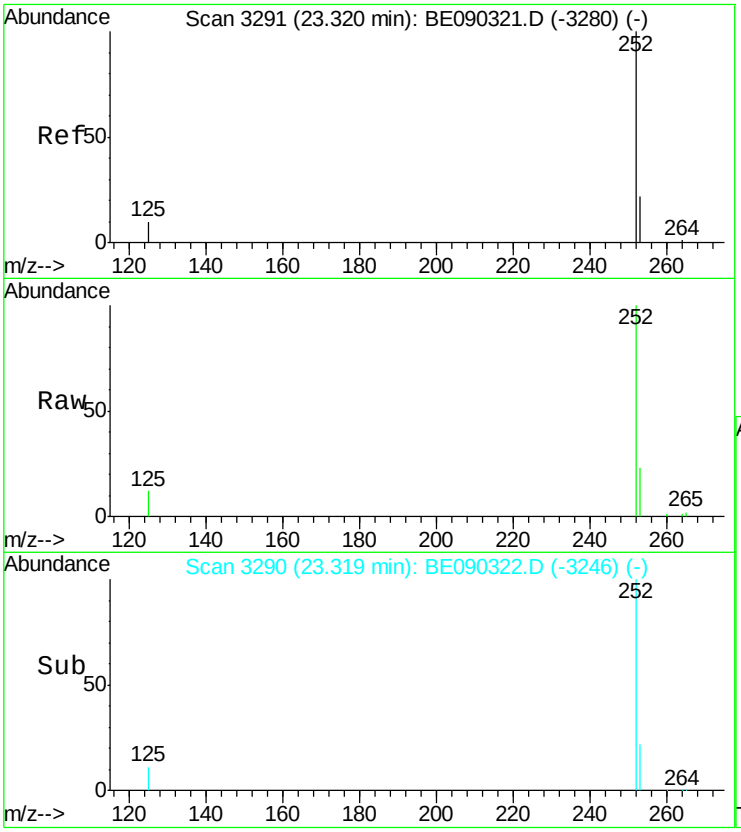


#34
Benzo(k)fluoranthene
Concen: 1.83 ng
RT: 22.76 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:252 Resp: 23340

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.9	29.9
125	10.6	11.2	16.8#



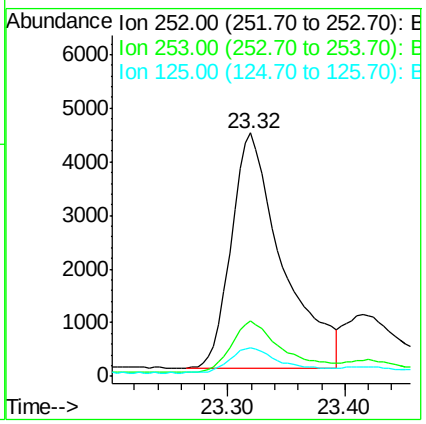


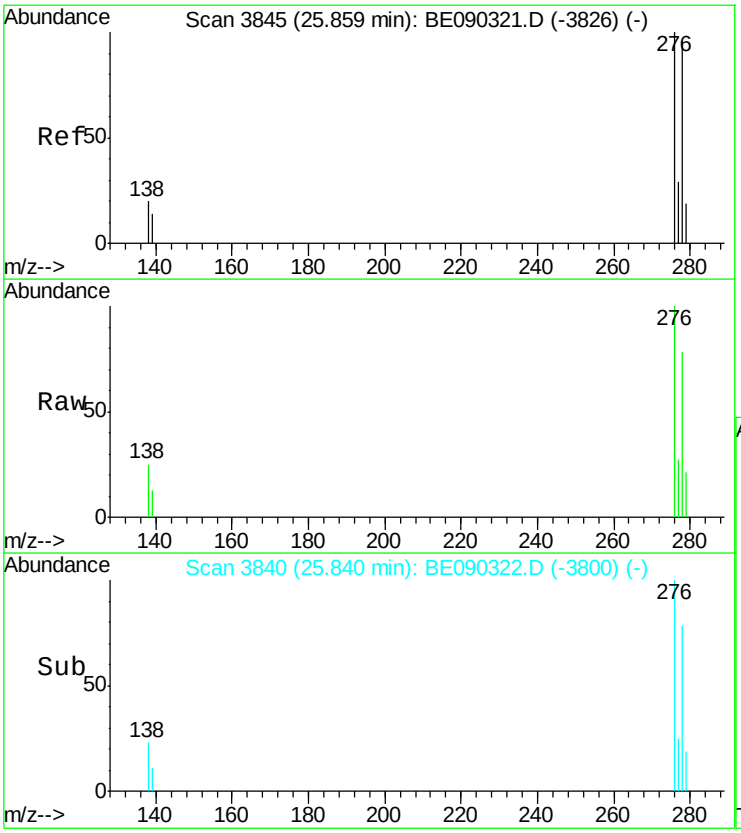
#35
Benzo(a)pyrene
Concen: 2.39 ng
RT: 23.32 min Scan# 3290
Delta R.T. -0.00 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:252 Resp: 13272

Ion	Ratio	Lower	Upper
252	100		
253	22.6	23.0	34.4#
125	11.8	14.2	21.2#

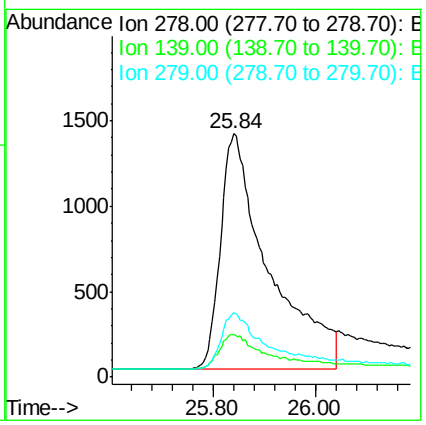


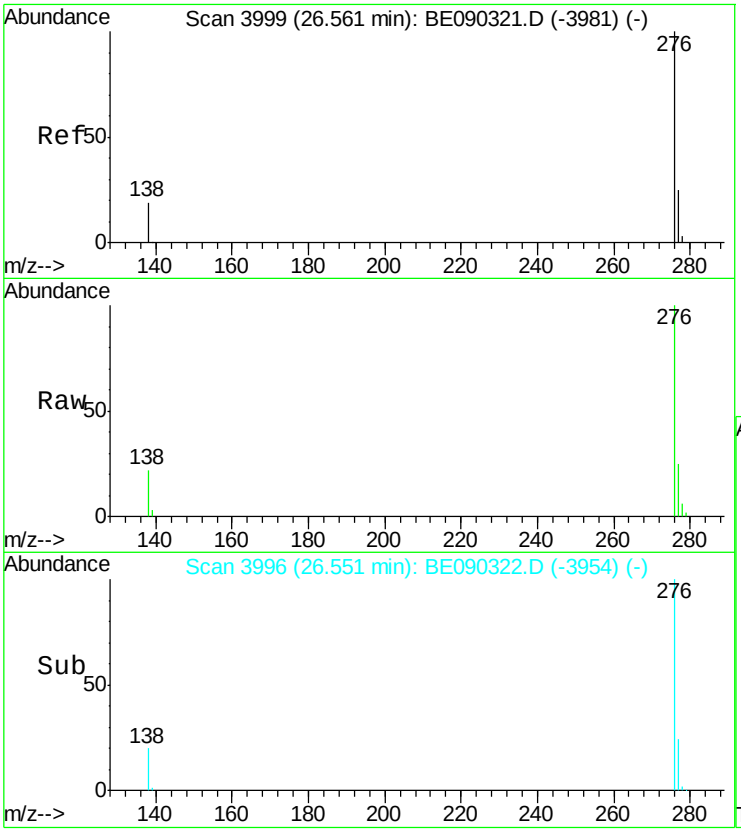


#36
Dibenzo(a,h)anthracene
Concen: 3.27 ng
RT: 25.84 min Scan# 3840
Delta R.T. -0.02 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Tgt Ion:278 Resp: 8981

Ion	Ratio	Lower	Upper
278	100		
139	17.3	27.8	41.6#
279	26.7	30.9	46.3#





#37
Benzo(g,h,i)perylene
Concen: 2.49 ng
RT: 26.55 min Scan# 3996
Delta R.T. -0.01 min
Lab File: BE090322.D
Acq: 3 Aug 2015 23:01

Instrument :
BNA_E
ClientSampleId :
SSTDICC002

Tgt Ion:276 Resp: 14720

Ion	Ratio	Lower	Upper
276	100		
277	24.9	25.6	38.4#
138	21.5	22.0	33.0#