Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090915.D
Acq On : 21 Sep 2015 11:21
Operator : UM/IZ
Sample : PB85619BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB85619BSD

Quant Time: Sep 21 12:47:44 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	28731	5.00	ng		0.00
7) Naphthalene-d8	10.29	136	130002	5.00	ng		0.00
13) Acenaphthene-d10	14.16	164	68447	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	160372	5.00	ng		0.00
26) Chrysene-d12	21.07	240	217638	5.00	ng		0.00
33) Perylene-d12	23.35	264	197585	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	46110	7.16	ng		0.00
5) Phenol-d6	6.74	99	66771	7.45	ng		-0.01
8) Nitrobenzene-d5	8.69	82	35173	3.93	ng		-0.01
14) 2,4,6-Tribromophenol	15.67	330	17125	7.09	ng		-0.02
15) 2-Fluorobiphenyl	12.78	172	71586	3.69	ng		-0.01
28) Terphenyl-d14	19.53	244	105228	4.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	13838	3.63	ng		96
3) n-Nitrosodimethylamine	3.45	42	17744	3.41	ng	#	91
6) bis(2-Chloroethyl)ether	6.98	93	30082	3.70	ng		98
9) Nitrobenzene	8.73	77	36020	3.62	ng		98
10) Naphthalene	10.35	128	94898	3.74	ng		99
11) Hexachlorobutadiene	10.64	225	14477	3.84	ng		99
12) 2-Methylnaphthalene	11.97	142	60333	3.45	ng		99
16) Acenaphthylene	13.87	152	408763	3.43	ng		100
17) Acenaphthene	14.22	154	63559	3.46	ng		90
18) Fluorene	15.22	166	82863	3.95	ng		96
20) 4-Bromophenyl-phenylether	16.11	248	21583	3.48	ng		94
21) Hexachlorobenzene	16.23	284	102106	3.97	ng		98
22) Pentachlorophenol	16.58	266	16944	5.71	ng		96
23) Phenanthrene	16.94	178	143813	3.88	ng		99
24) Anthracene	17.03	178	139474	3.80	ng		99
25) Fluoranthene	18.95	202	166928	3.41	ng		99
27) Pyrene	19.32	202	184478	3.71	ng		99
29) Benzo(a)anthracene	21.05	228	186617	3.47	ng		100
30) Chrysene	21.10	228	191144	3.78	ng		100
31) Bis(2-ethylhexyl)phthalate	21.00	149	68722	2.84	ng		100
32) Indeno(1,2,3-cd)pyrene	25.71	276	203265	3.21	ng		99
34) Benzo(b)fluoranthene	22.66	252	170133	3.68	ng		99
35) Benzo(k)fluoranthene	22.70	252	196687	3.70	ng		99
36) Benzo(a)pyrene	23.25	252	163259	3.71	ng	#	90
37) Dibenzo(a,h)anthracene	25.74	278	166122	3.63	ng		99
38) Benzo(g,h,i)perylene	26.43	276	173674	3.55	ng		98

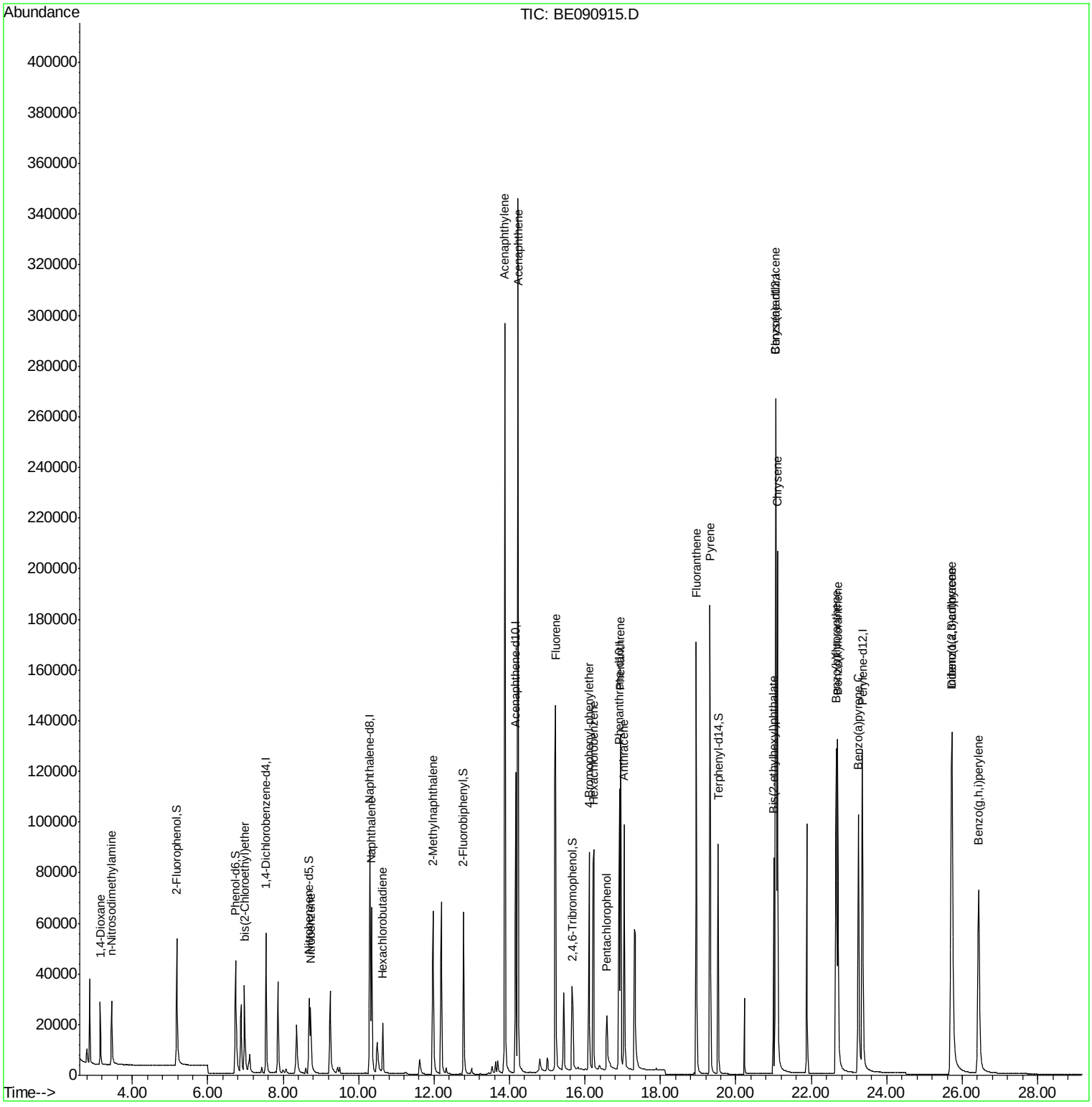
(#) = qualifier out of range (m) = manual integration (+) = signals summed

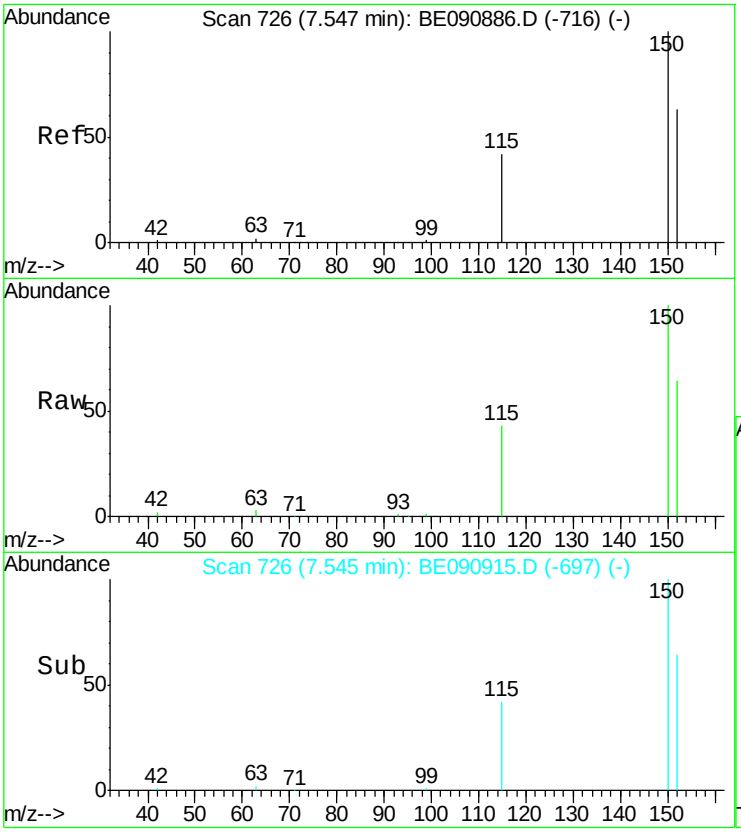
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092115\
Data File : BE090915.D
Acq On : 21 Sep 2015 11:21
Operator : UM/IZ
Sample : PB85619BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Quant Time: Sep 21 12:47:44 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration

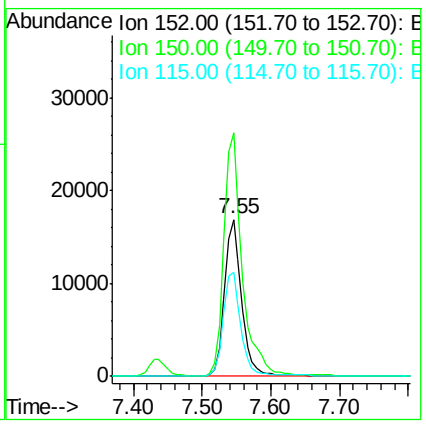




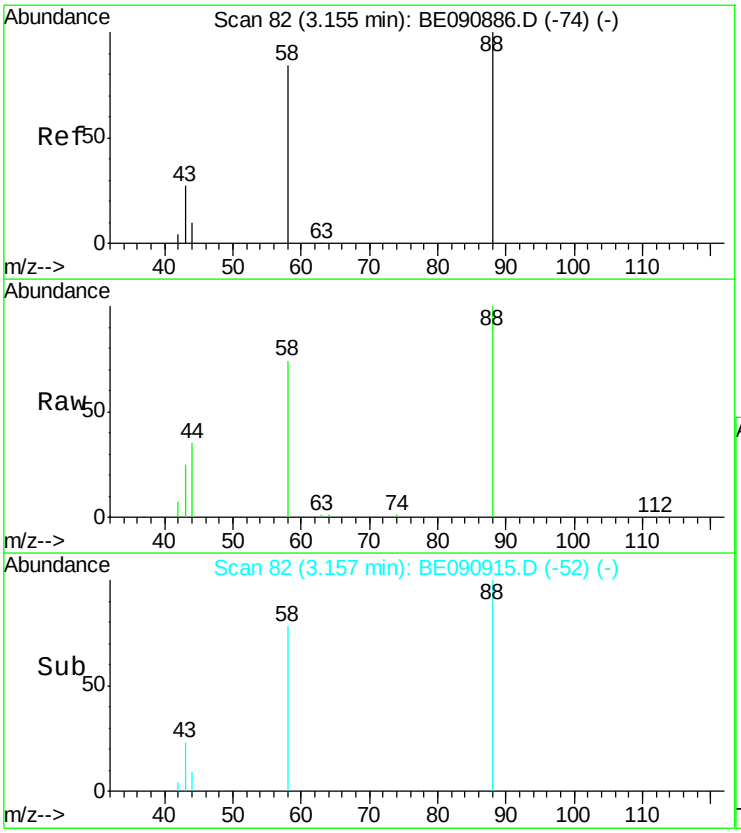
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:152 Resp: 28731

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.2	183.4
115	66.1	51.0	76.4



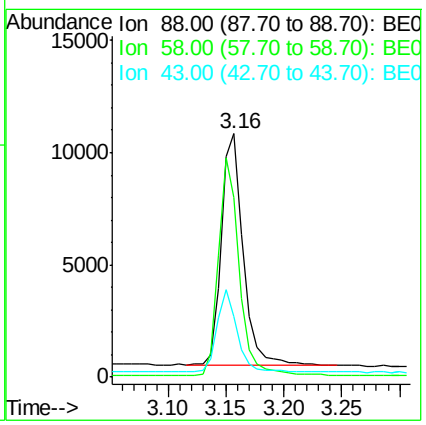
Instrument :
BNA_E
ClientSampleId :
PB85619BSD

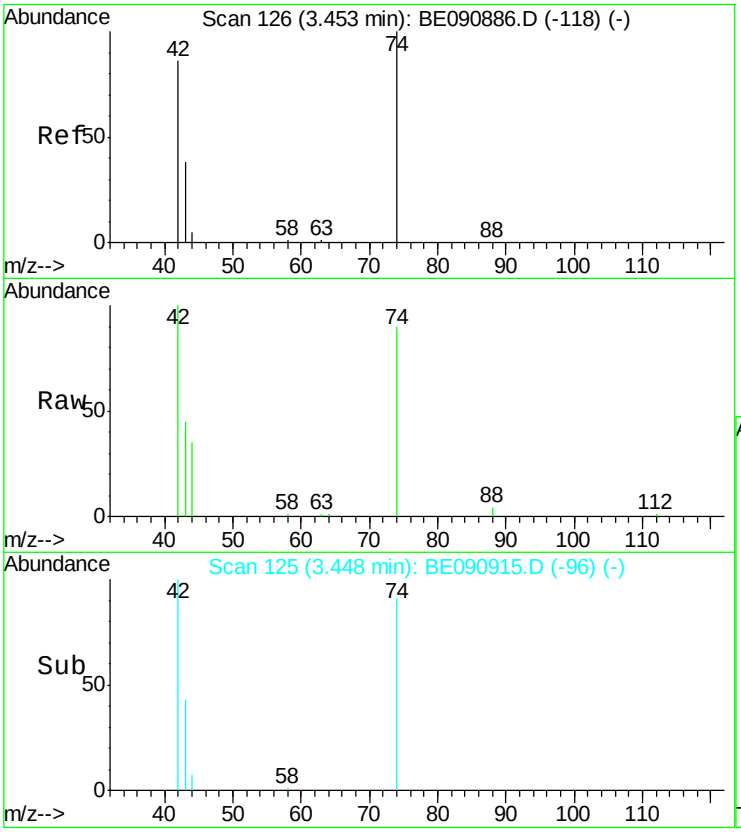


#2
1,4-Dioxane
Concen: 3.63 ng
RT: 3.16 min Scan# 82
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion: 88 Resp: 13838

Ion	Ratio	Lower	Upper
88	100		
58	90.5	68.4	102.6
43	32.8	26.9	40.3



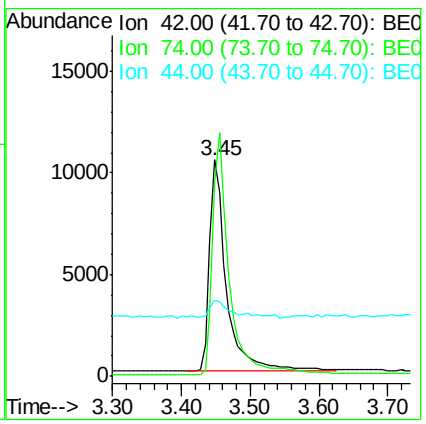


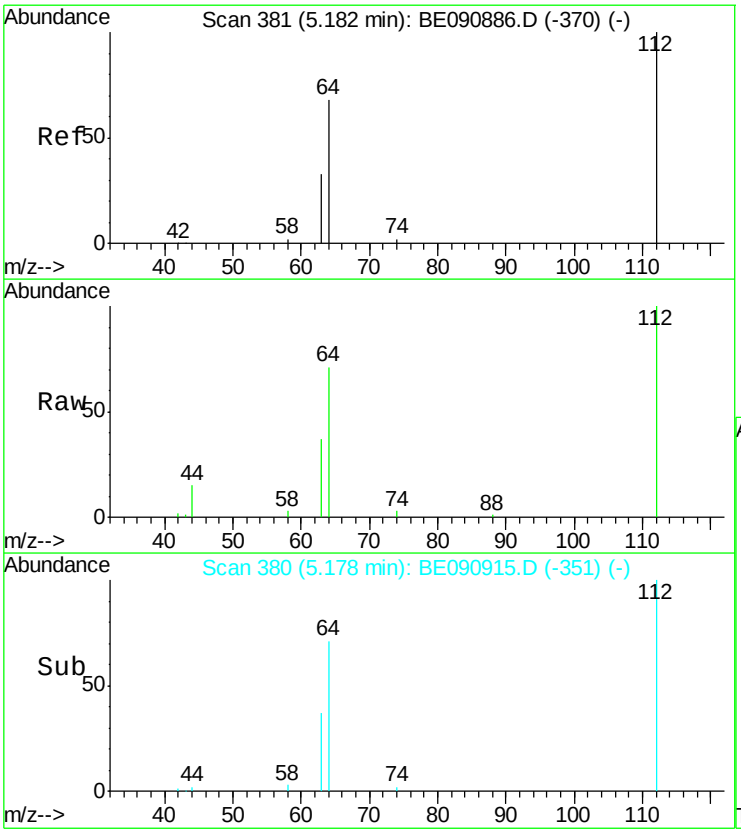
#3
n-Nitrosodimethylamine
Concen: 3.41 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion: 42 Resp: 17744

Ion	Ratio	Lower	Upper
42	100		
74	113.1	83.7	125.5
44	7.8	10.0	15.0#

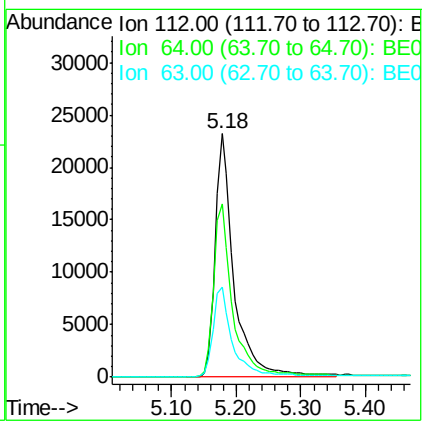


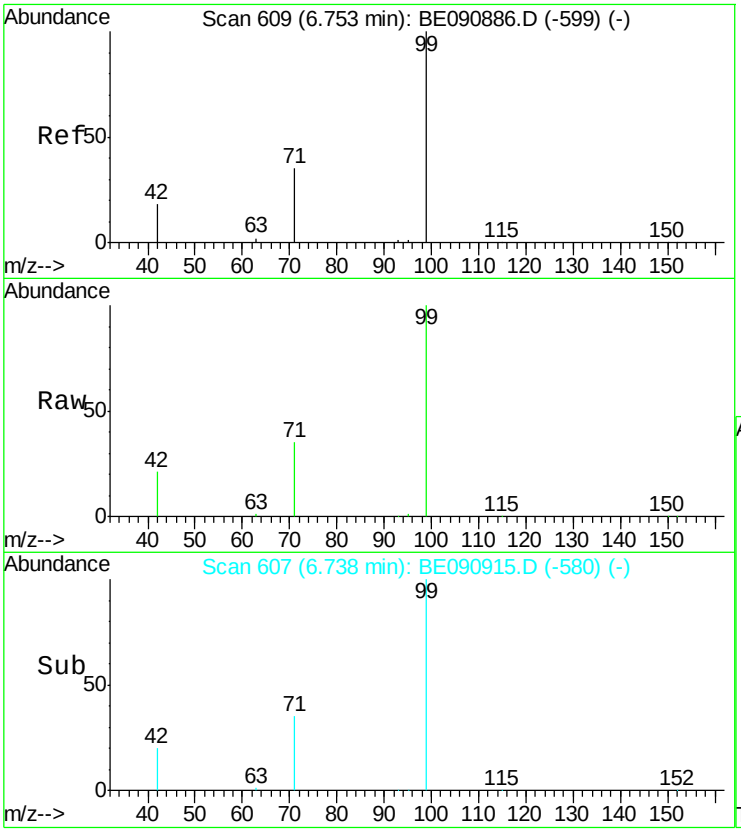


#4
2-Fluorophenol
Concen: 7.16 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:112 Resp: 46110

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.3	85.9
63	37.1	29.2	43.8



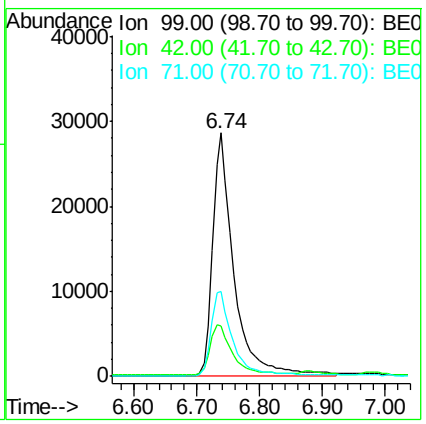


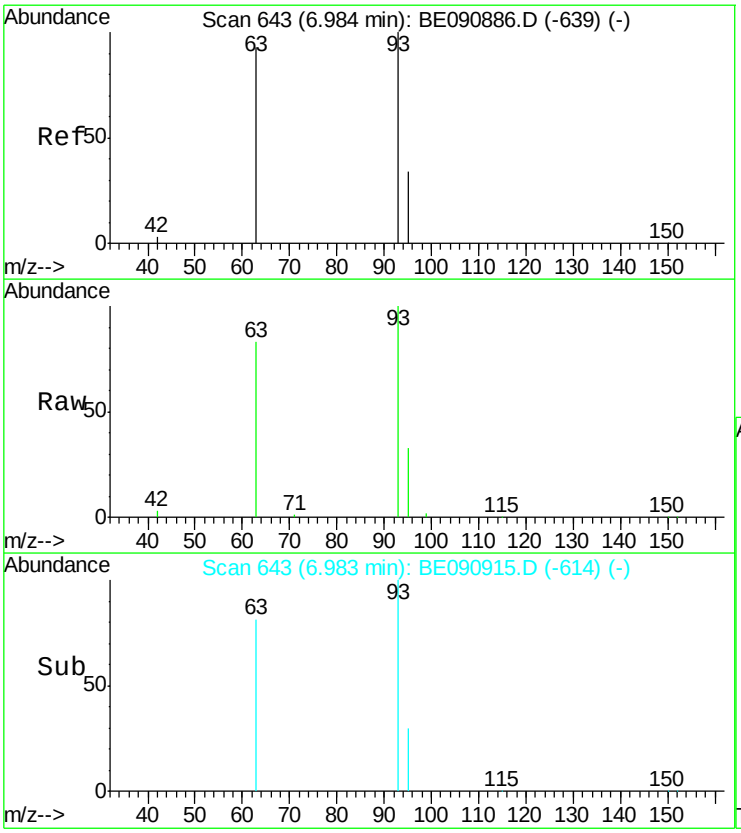
#5
Phenol-d6
Concen: 7.45 ng
RT: 6.74 min Scan# 607
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion: 99 Resp: 66771

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.8	25.2
71	36.1	28.3	42.5

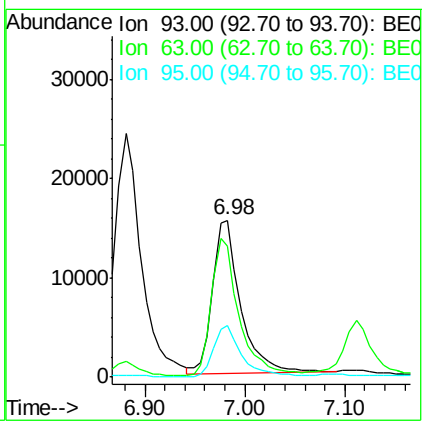


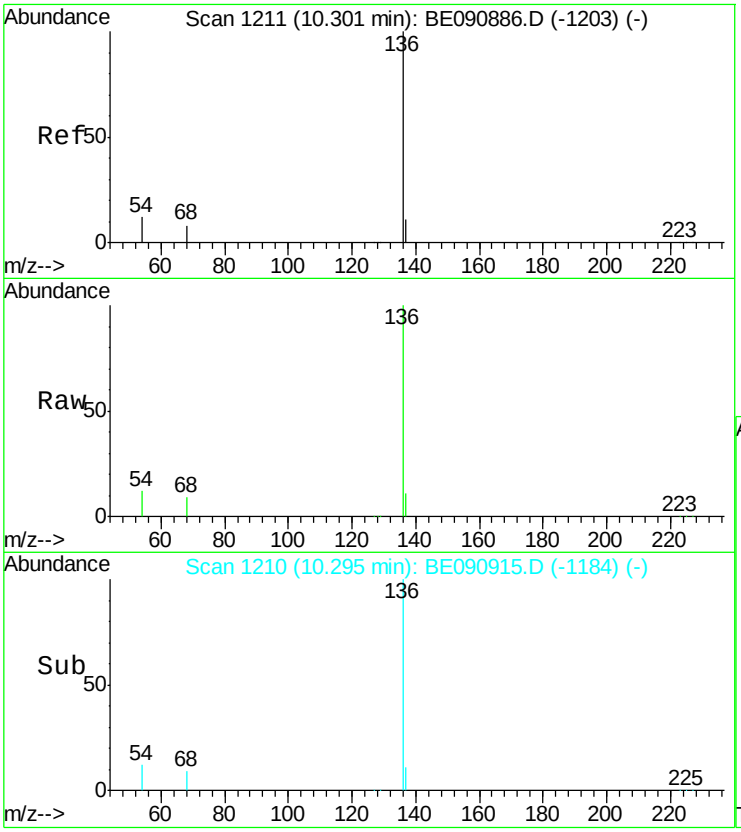


#6
bis(2-Chloroethyl)ether
Concen: 3.70 ng
RT: 6.98 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion: 93 Resp: 30082

Ion	Ratio	Lower	Upper
93	100		
63	87.2	68.5	102.7
95	31.9	26.9	40.3



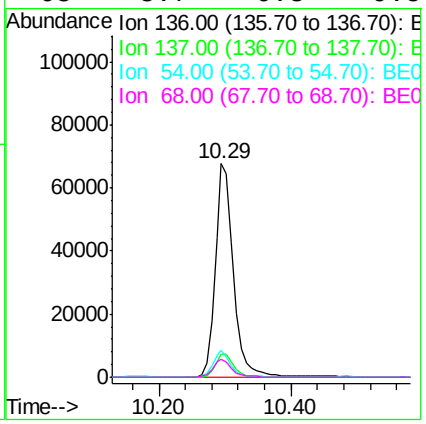


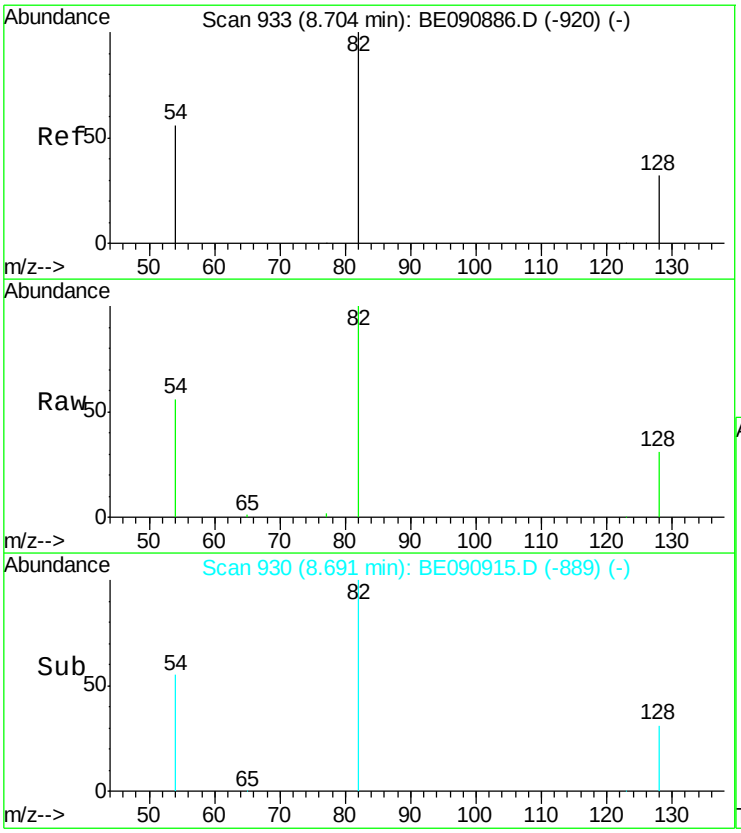
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.29 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:136 Resp: 130002

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.4	9.0	13.6
68	8.7	6.3	9.5

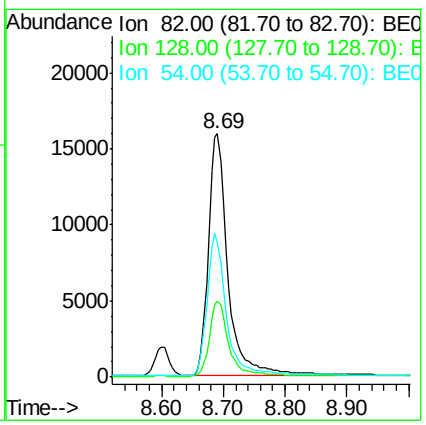


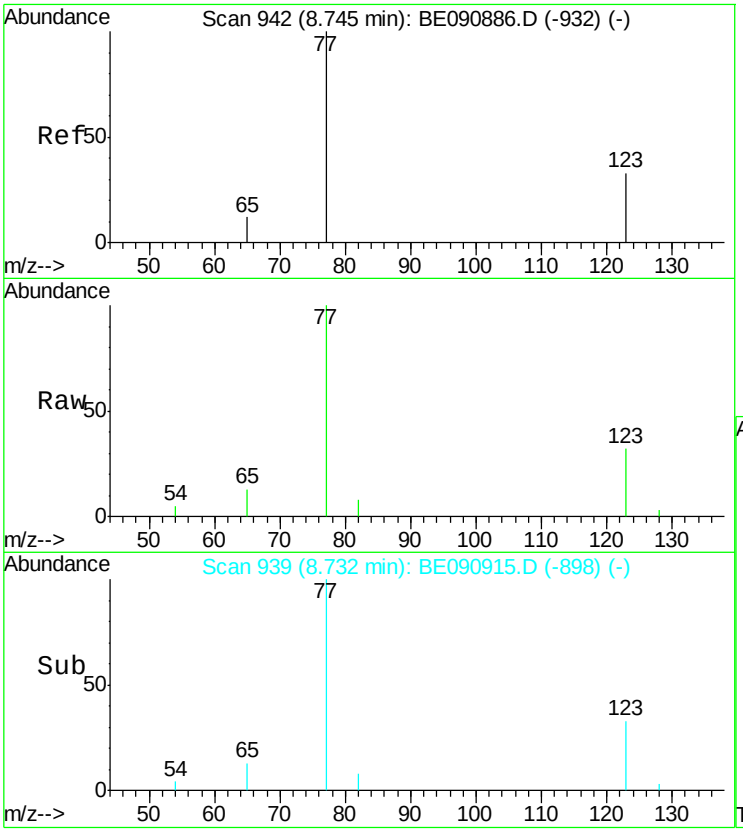


#8
Nitrobenzene-d5
Concen: 3.93 ng
RT: 8.69 min Scan# 930
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion: 82 Resp: 35173

Ion	Ratio	Lower	Upper
82	100		
128	31.2	25.0	37.4
54	55.6	46.3	69.5



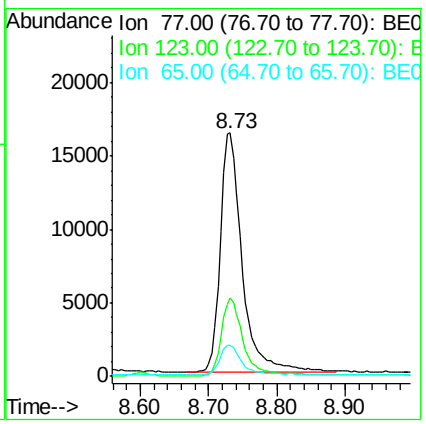


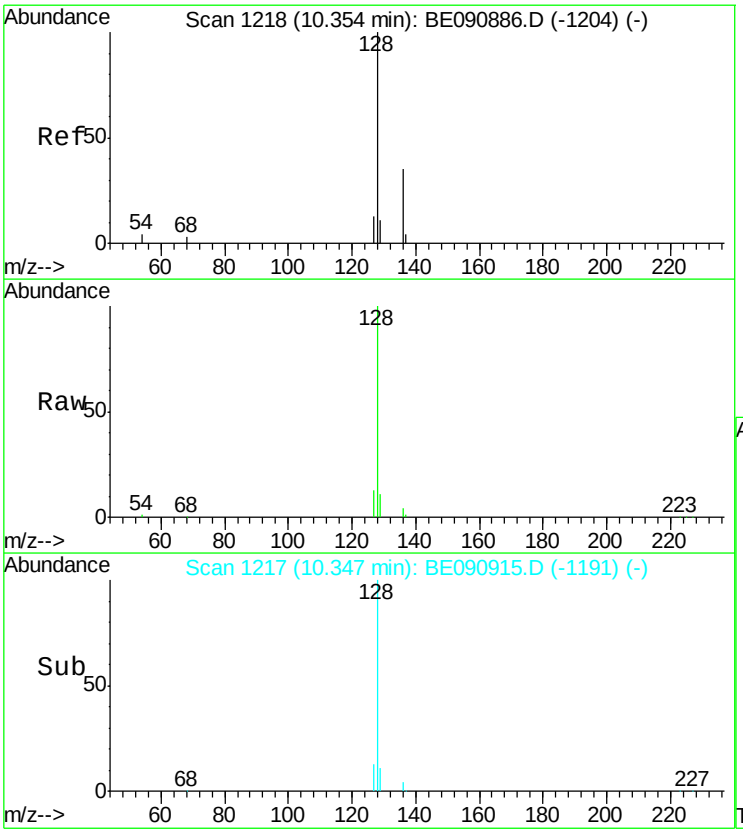
#9
Nitrobenzene
Concen: 3.62 ng
RT: 8.73 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion: 77 Resp: 36020

Ion	Ratio	Lower	Upper
77	100		
123	32.9	25.1	37.7
65	12.3	9.9	14.9

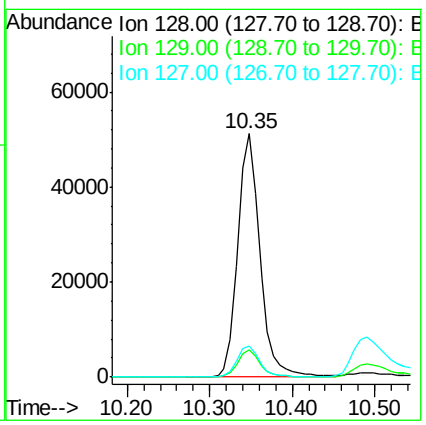


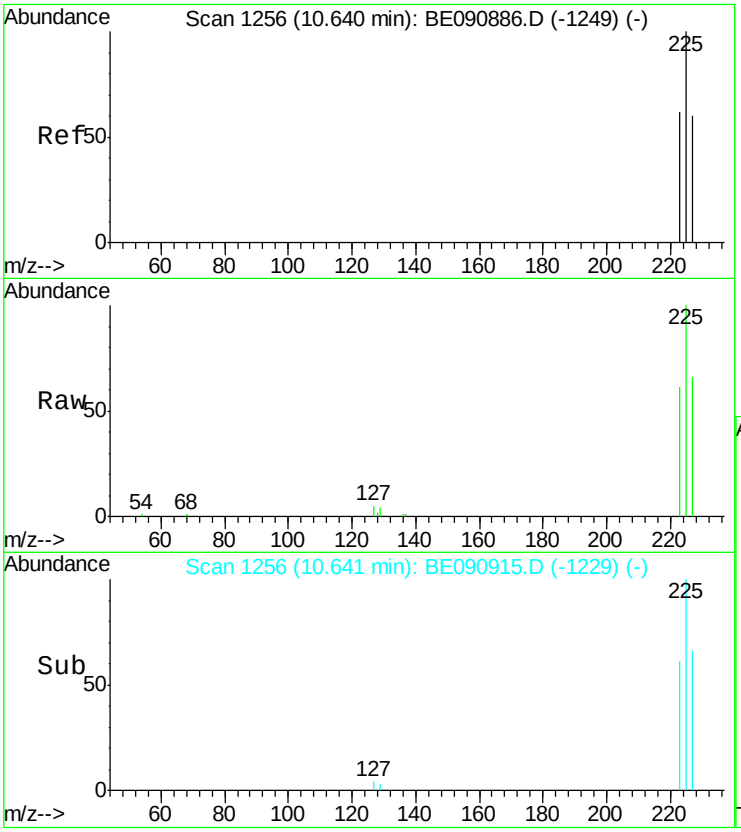


#10
Naphthalene
Concen: 3.74 ng
RT: 10.35 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:128 Resp: 94898

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.4	12.6
127	12.8	9.9	14.9



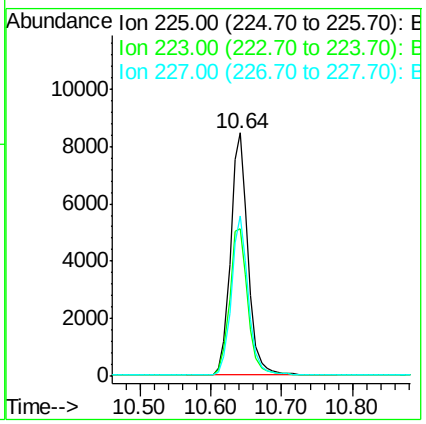


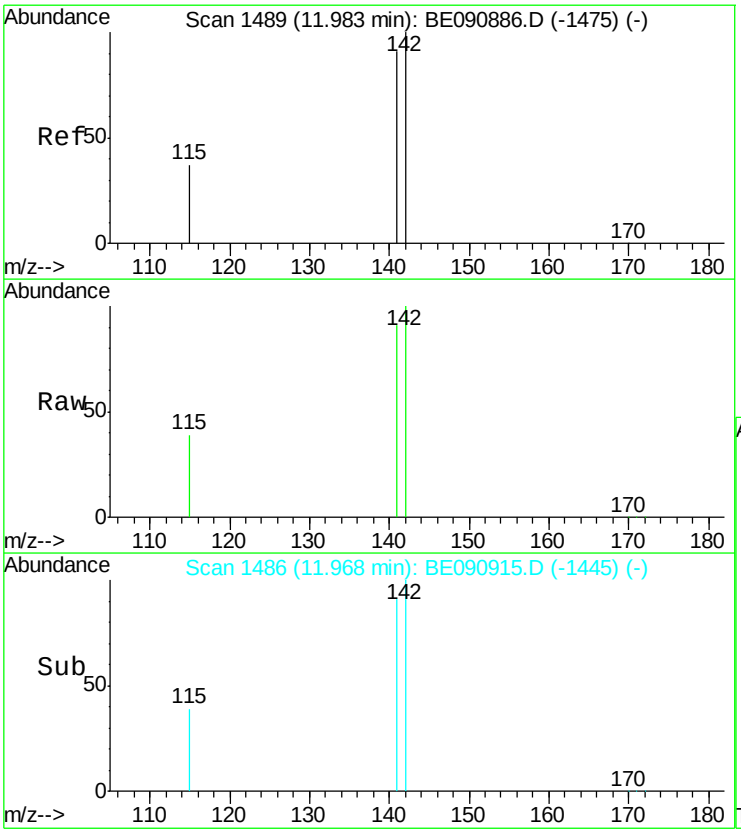
#11
Hexachlorobutadiene
Concen: 3.84 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:225 Resp: 14477

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	64.3	51.0	76.6

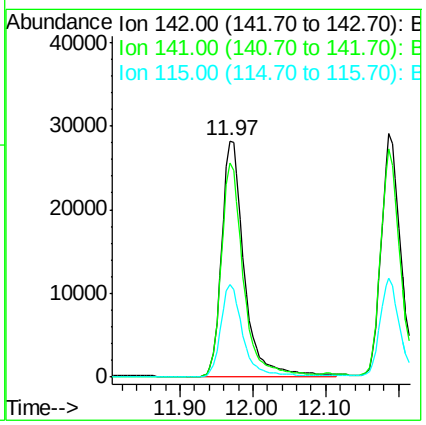


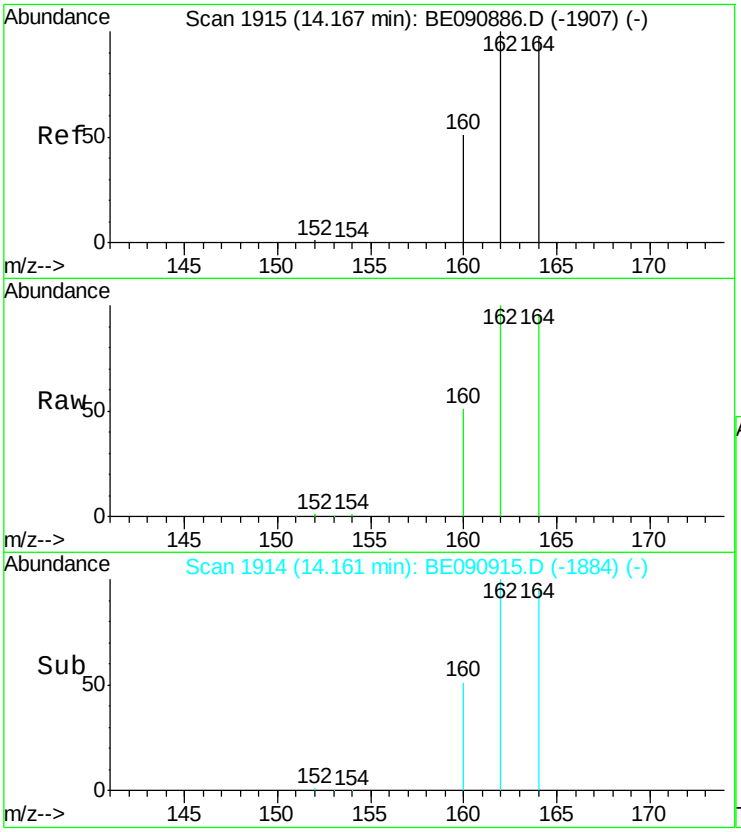


#12
2-Methylnaphthalene
Concen: 3.45 ng
RT: 11.97 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:142 Resp: 60333

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.4	107.2
115	39.2	31.0	46.4



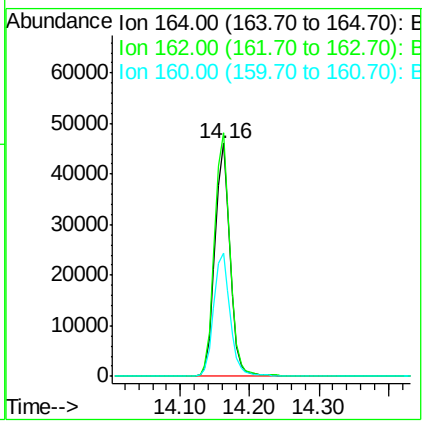


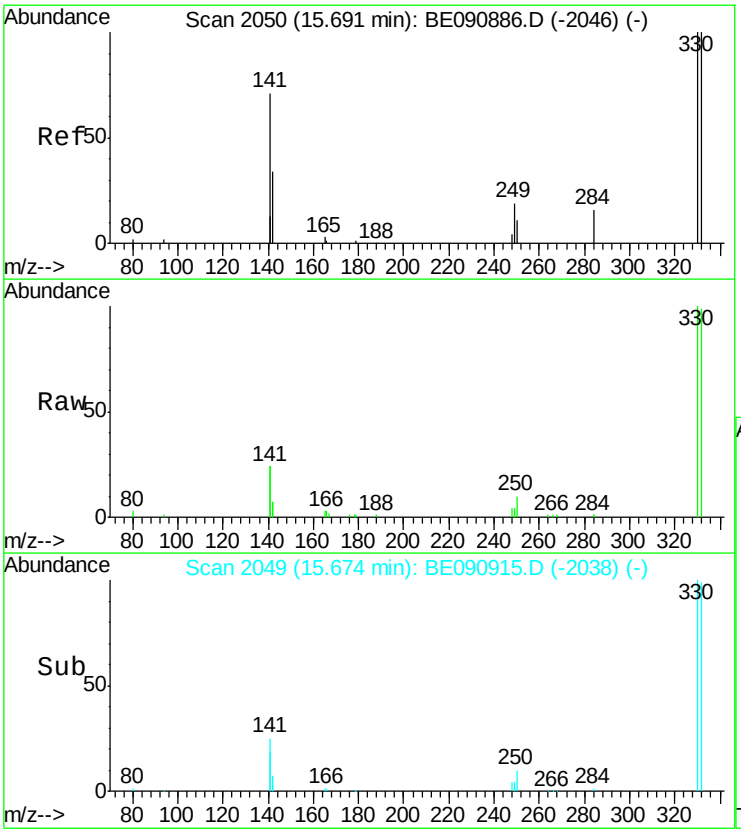
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:164 Resp: 68447

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.8	130.2
160	53.0	53.9	80.9#

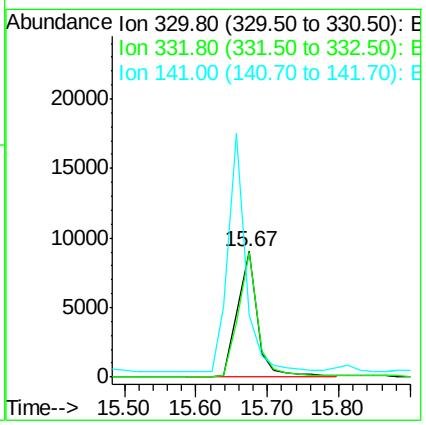


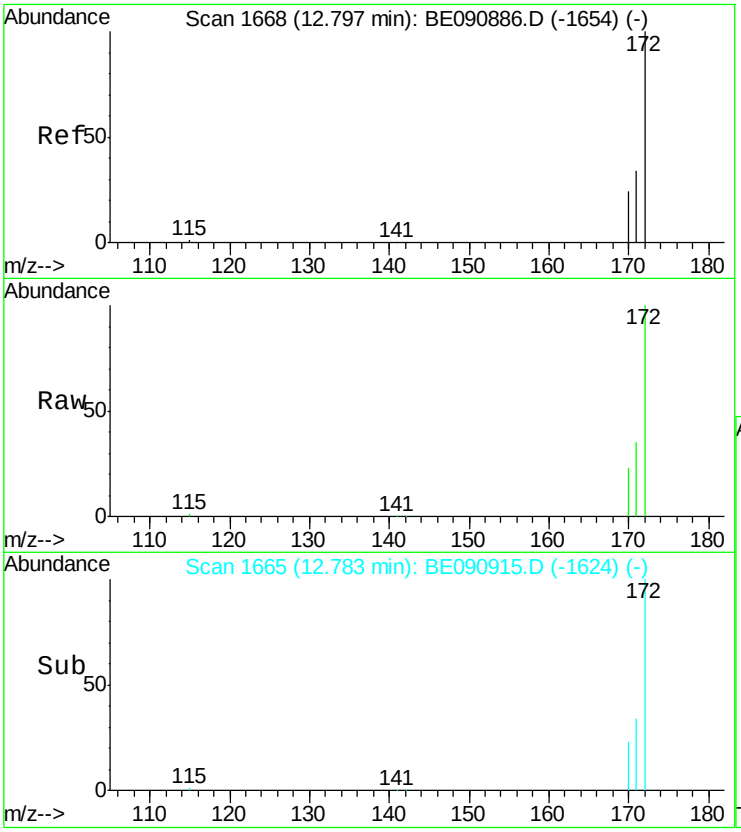


#14
2,4,6-Tribromophenol
Concen: 7.09 ng
RT: 15.67 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:330 Resp: 17125

Ion	Ratio	Lower	Upper
330	100		
332	97.1	74.9	112.3
141	172.8	145.2	217.8



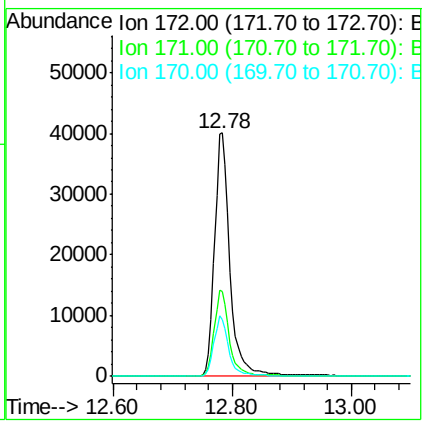


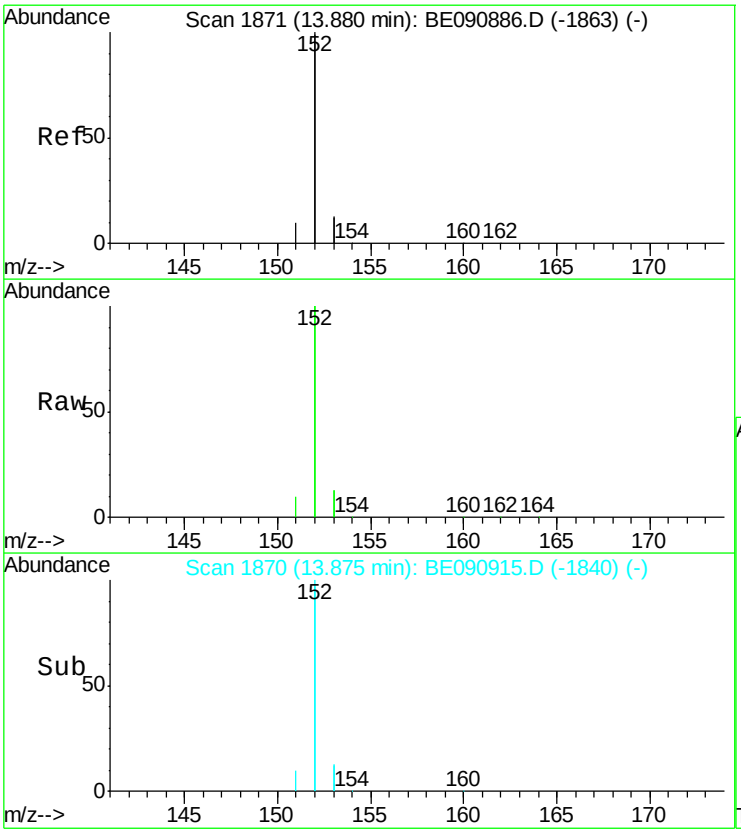
#15
2-Fluorobiphenyl
Concen: 3.69 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:172 Resp: 71586

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.4	19.8	29.6

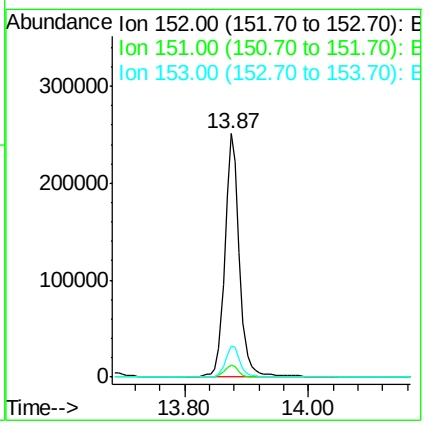


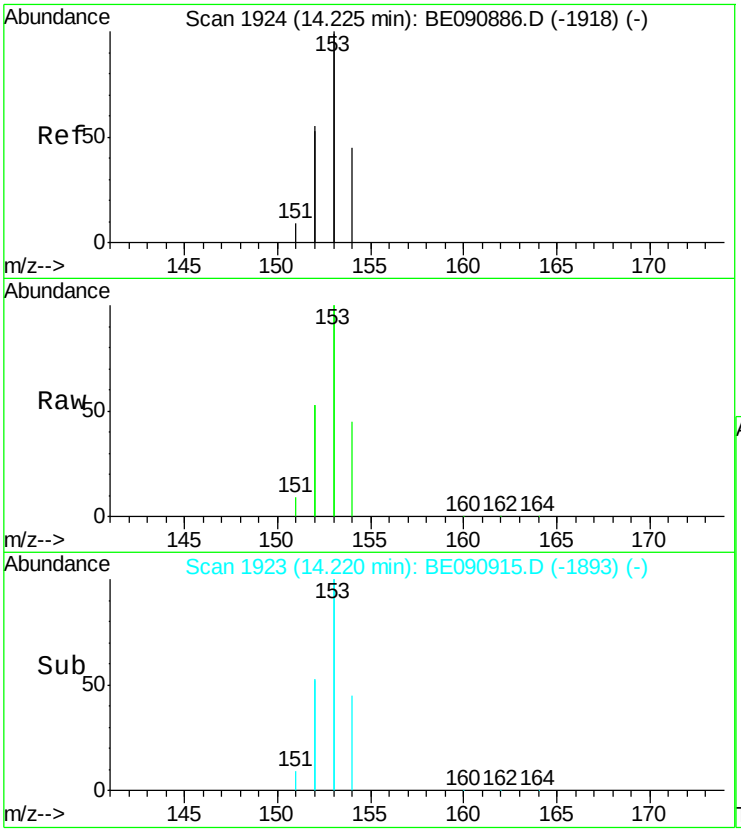


#16
Acenaphthylene
Concen: 3.43 ng
RT: 13.87 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:152 Resp: 408763

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.3	15.5



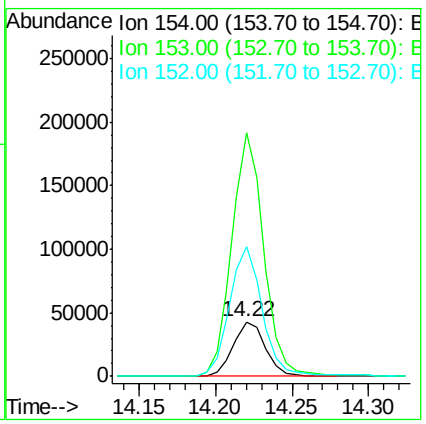


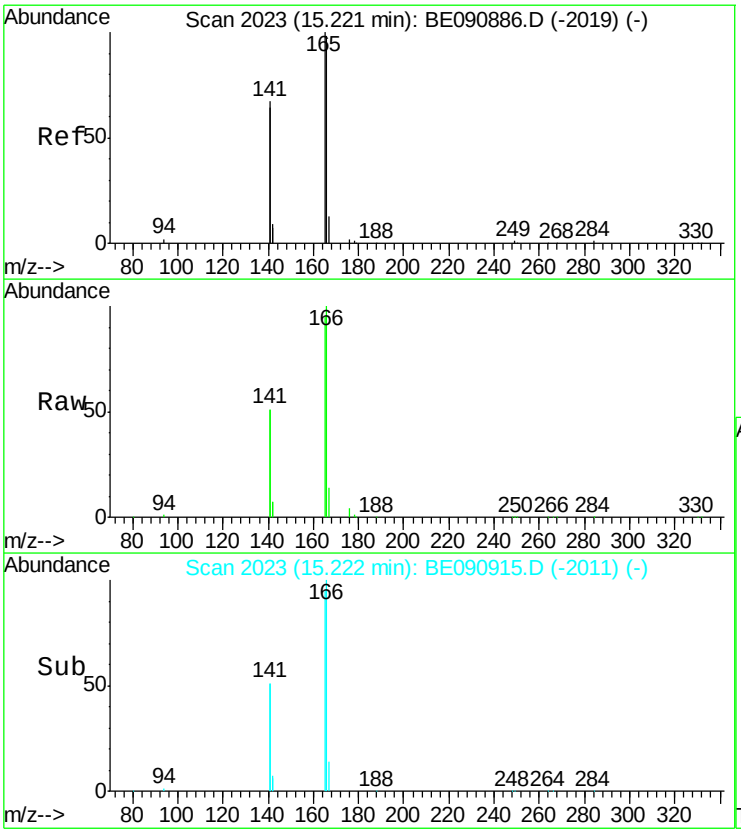
#17
Acenaphthene
Concen: 3.46 ng
RT: 14.22 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:154 Resp: 63559

Ion	Ratio	Lower	Upper
154	100		
153	440.1	354.5	531.7
152	238.1	227.8	341.6

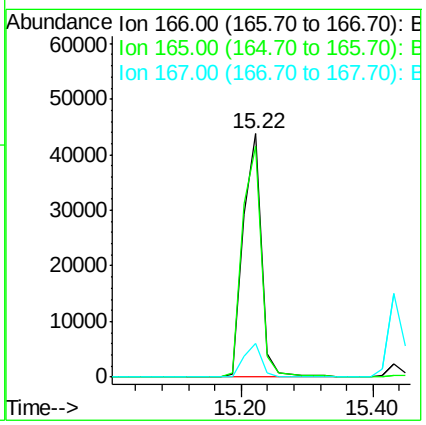


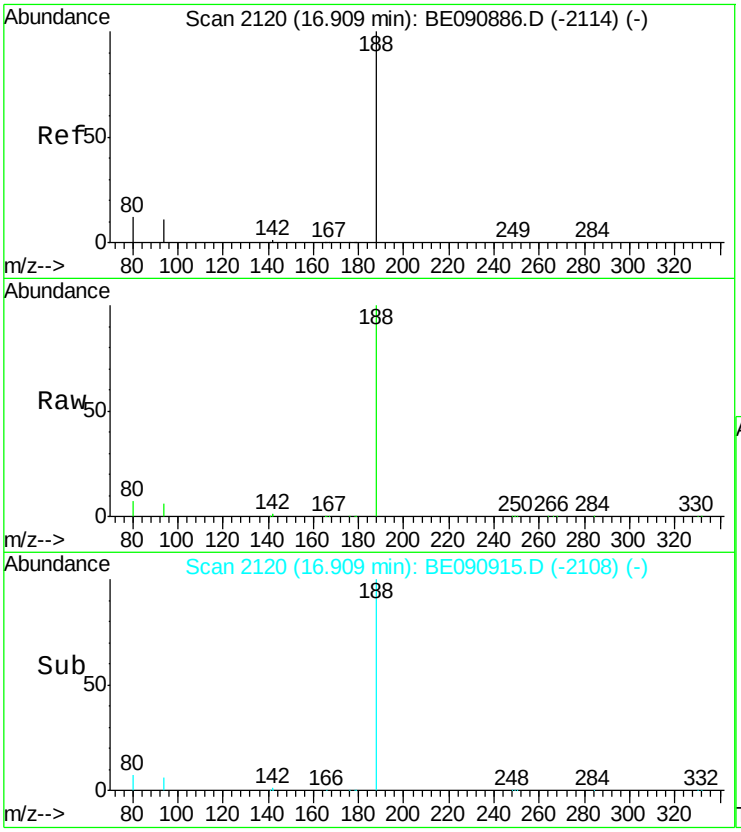


#18
Fluorene
Concen: 3.95 ng
RT: 15.22 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:166 Resp: 82863

Ion	Ratio	Lower	Upper
166	100		
165	99.1	82.7	124.1
167	13.2	10.7	16.1



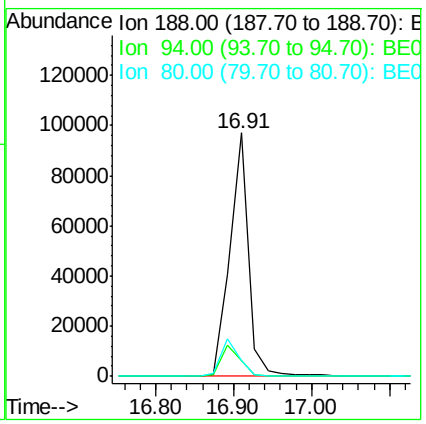


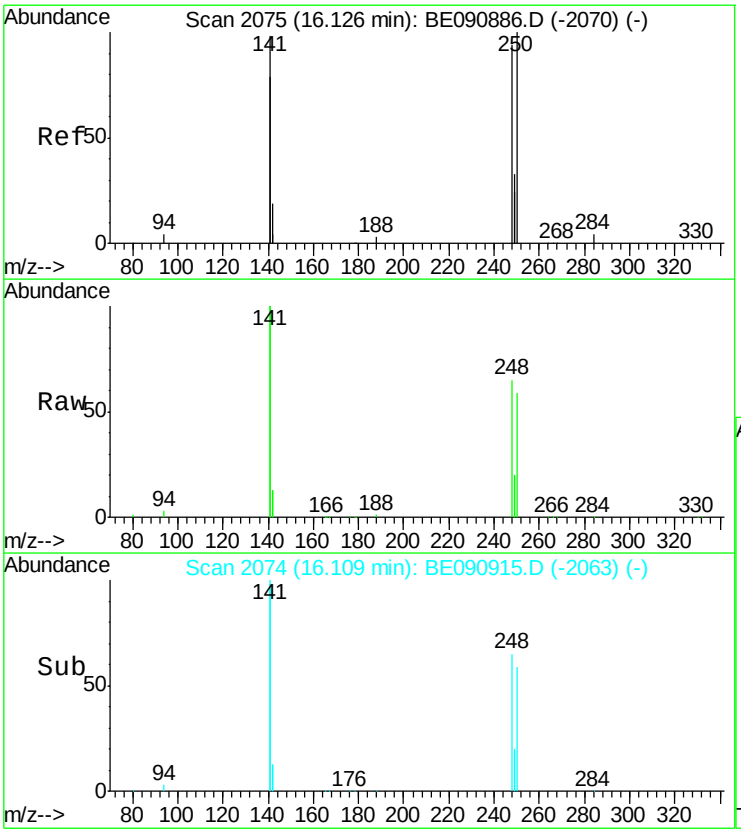
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:188 Resp: 160372

Ion	Ratio	Lower	Upper
188	100		
94	6.5	10.3	15.5#
80	6.7	11.0	16.6#

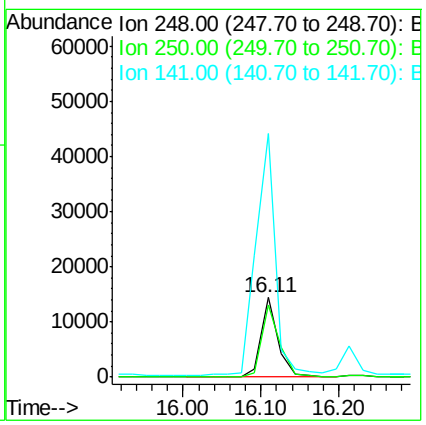


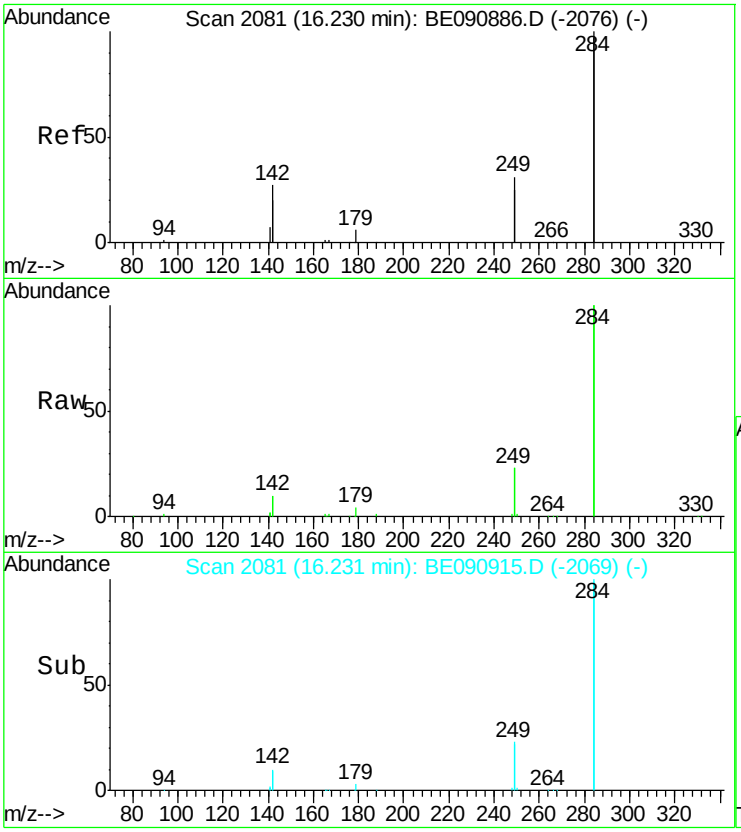


#20
4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 16.11 min Scan# 2074
Delta R.T. -0.02 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:248 Resp: 21583

Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.7	115.1
141	350.2	292.6	439.0



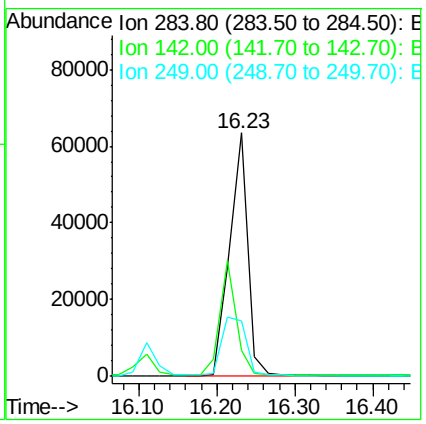


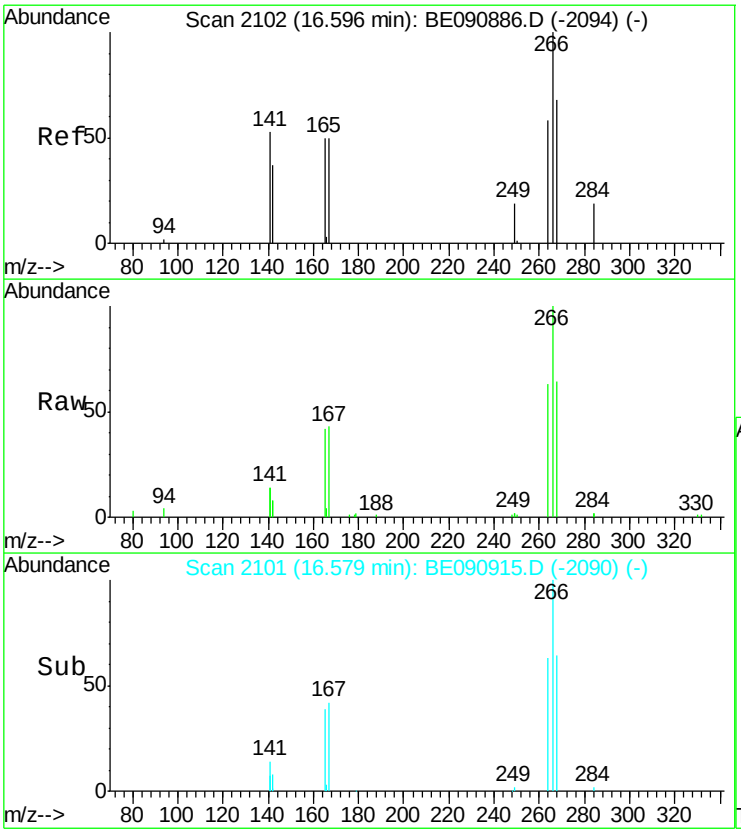
#21
Hexachlorobenzene
Concen: 3.97 ng
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:284 Resp: 102106

Ion	Ratio	Lower	Upper
284	100		
142	41.6	35.0	52.4
249	31.6	25.5	38.3

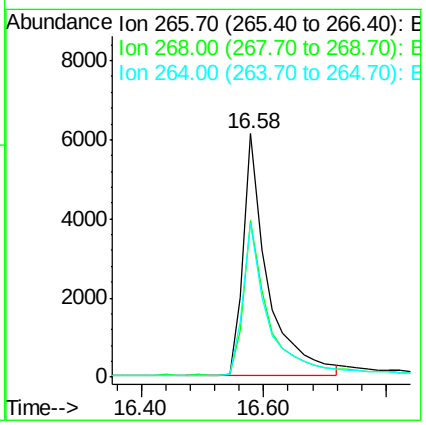


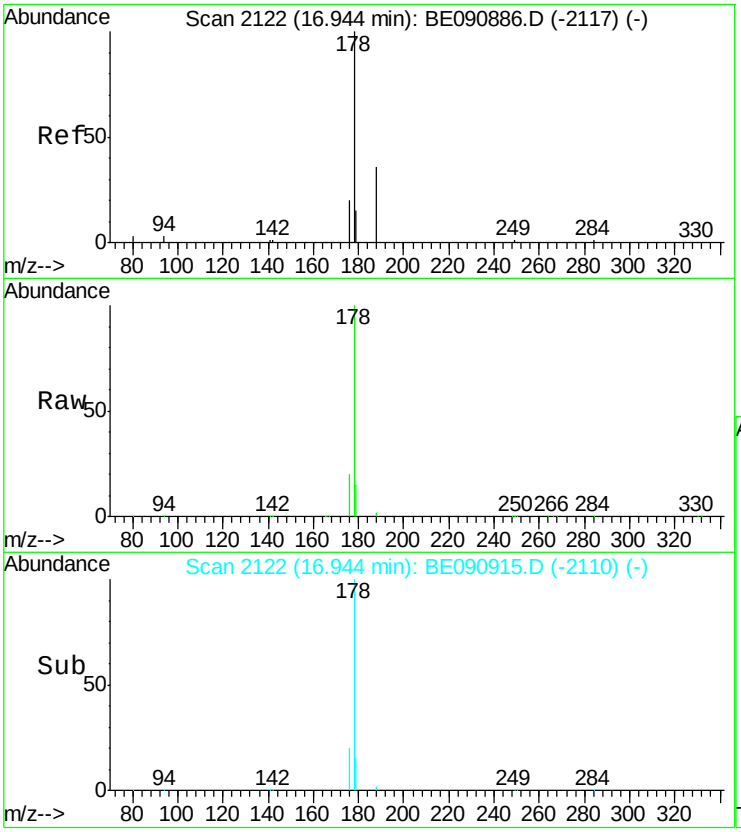


#22
Pentachlorophenol
Concen: 5.71 ng
RT: 16.58 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:266 Resp: 16944

Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.6	74.4
264	63.0	53.9	80.9



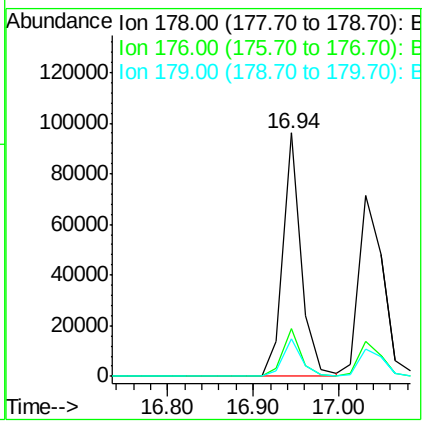


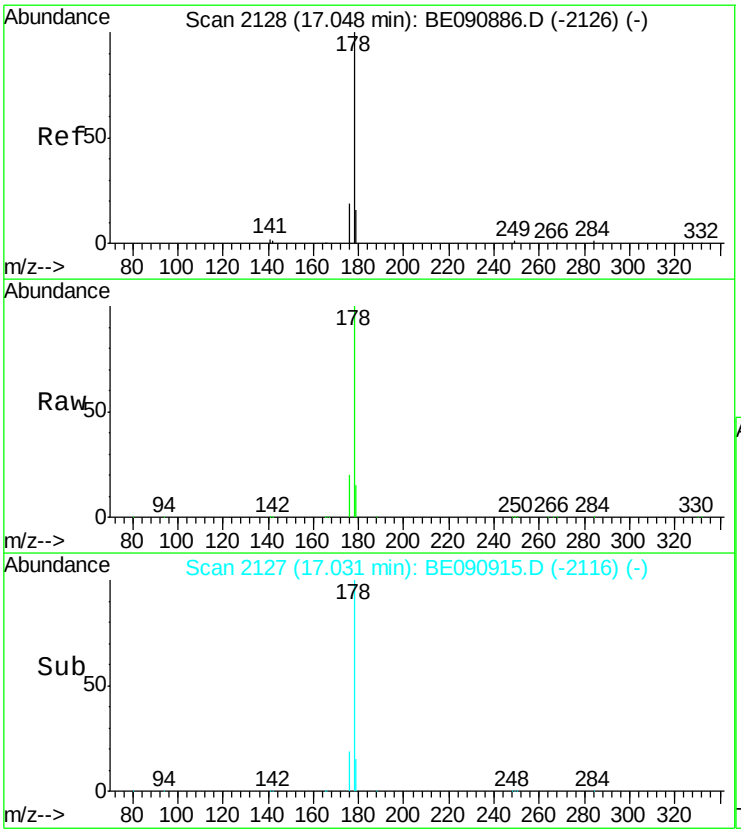
#23
Phenanthrene
Concen: 3.88 ng
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:178 Resp: 143813

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.3	12.8	19.2

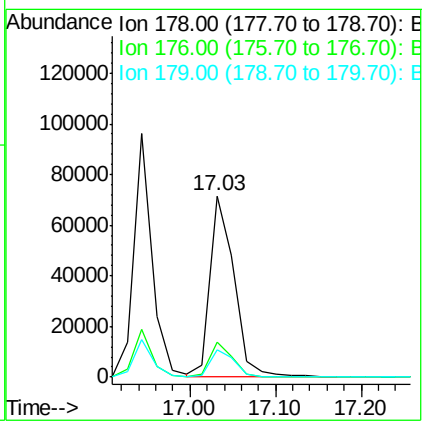


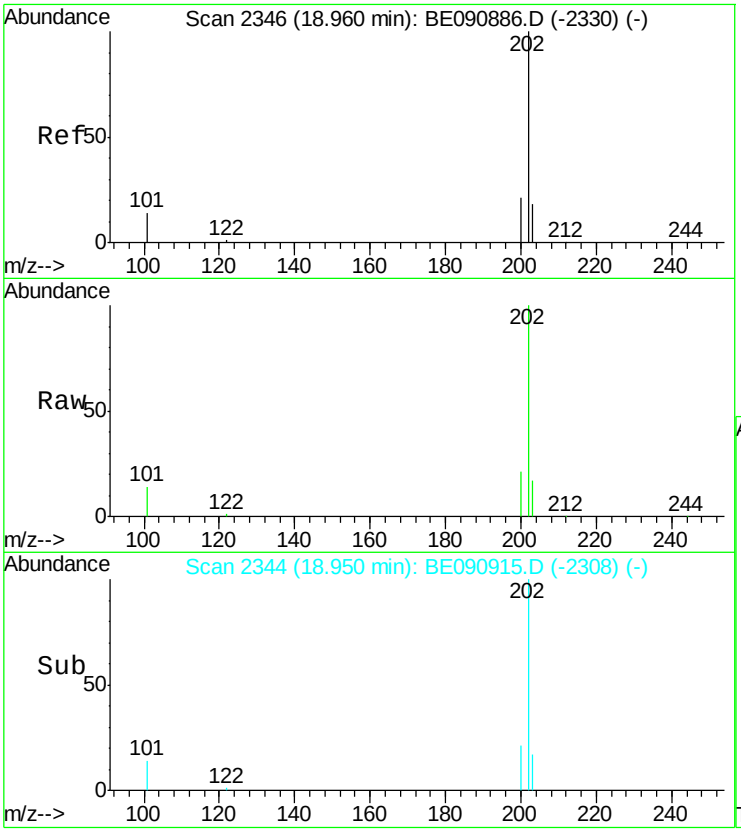


#24
Anthracene
Concen: 3.80 ng
RT: 17.03 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:178 Resp: 139474

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.1	12.3	18.5



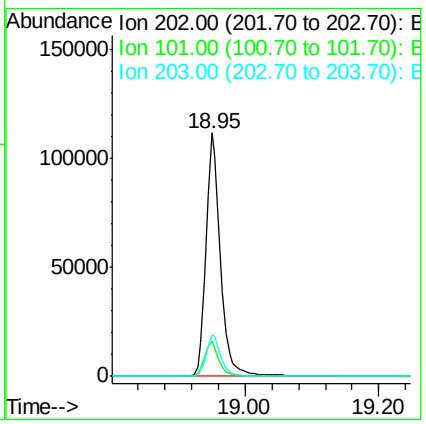


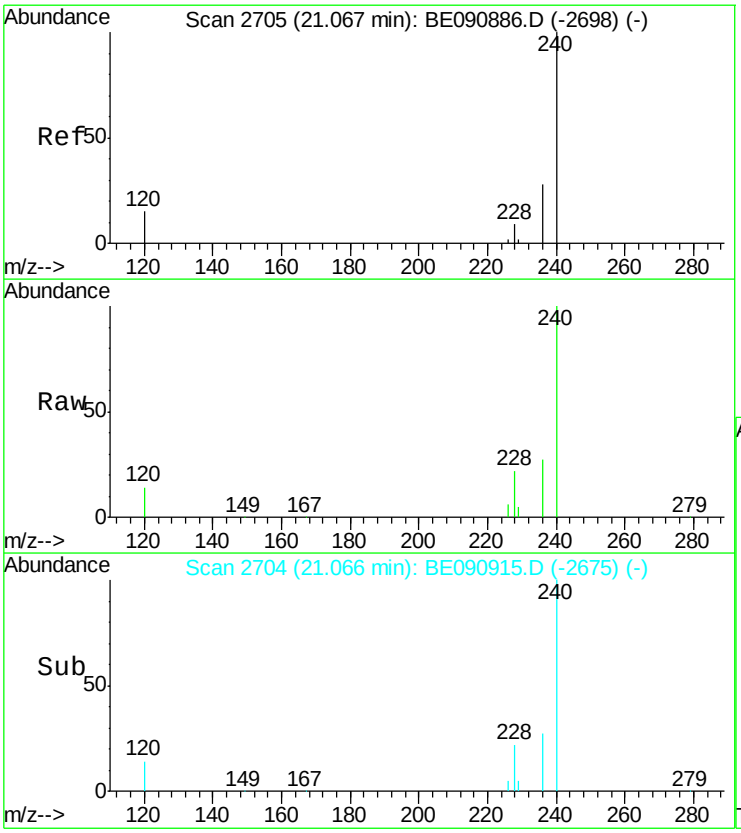
#25
Fluoranthene
Concen: 3.41 ng
RT: 18.95 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:202 Resp: 166928

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.6
203	17.0	13.9	20.9

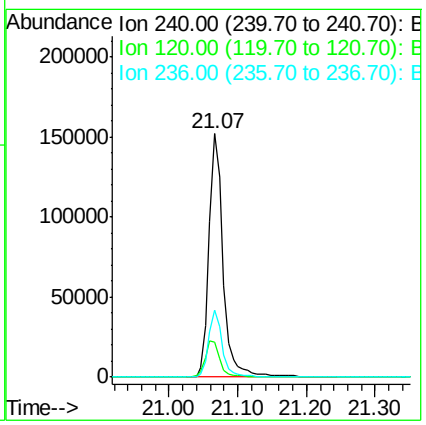


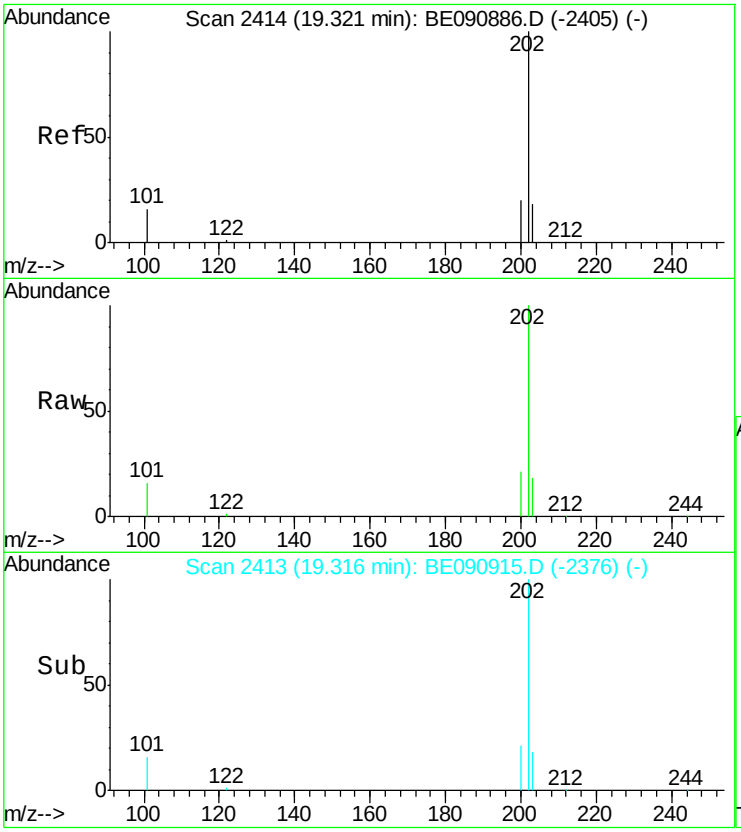


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:240 Resp: 217638

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.1	15.1
236	27.3	21.9	32.9



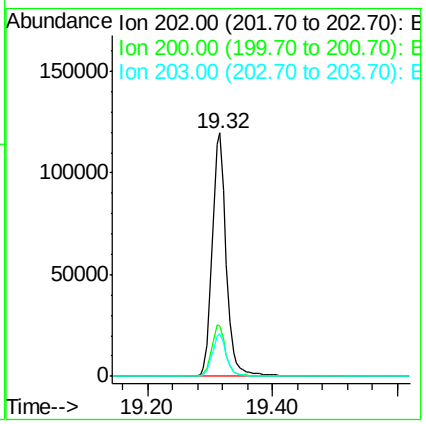


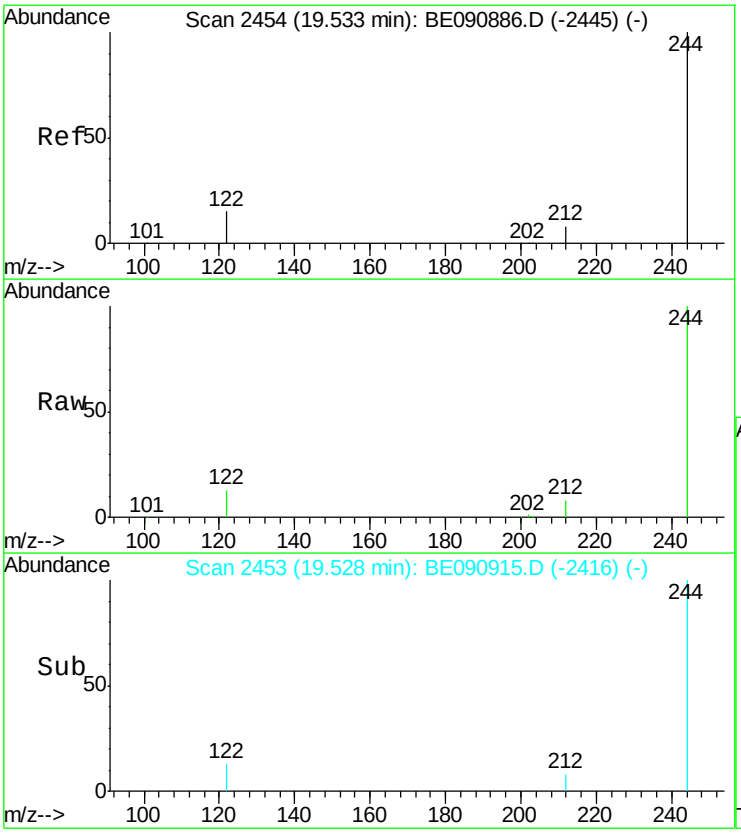
#27
Pyrene
Concen: 3.71 ng
RT: 19.32 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:202 Resp: 184478

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.8	13.8	20.6

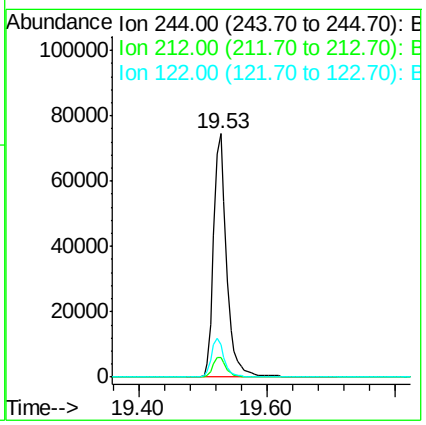


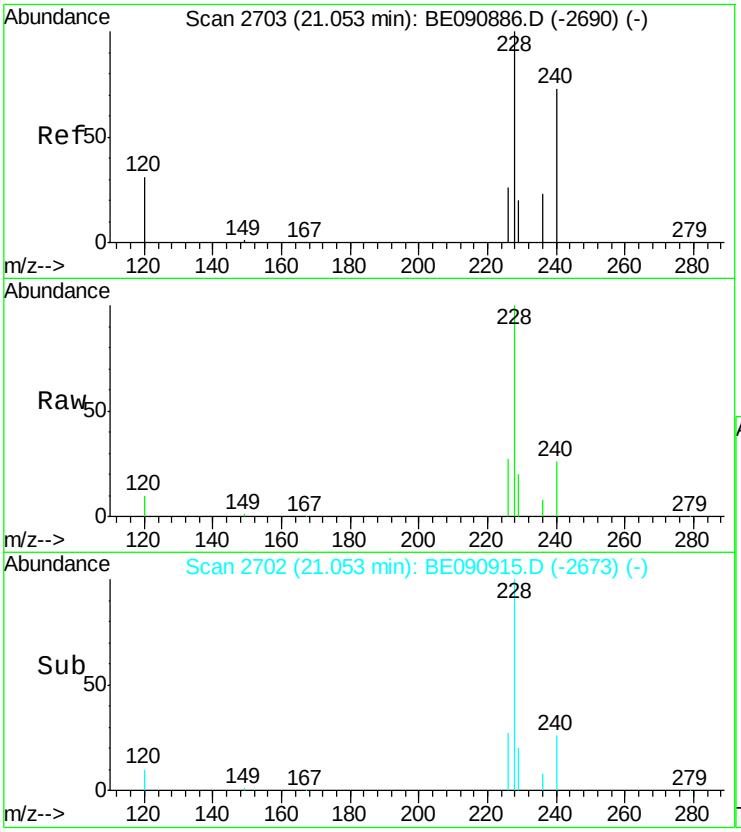


#28
Terphenyl-d14
Concen: 4.26 ng
RT: 19.53 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:244 Resp: 105228

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	13.1	12.9	19.3



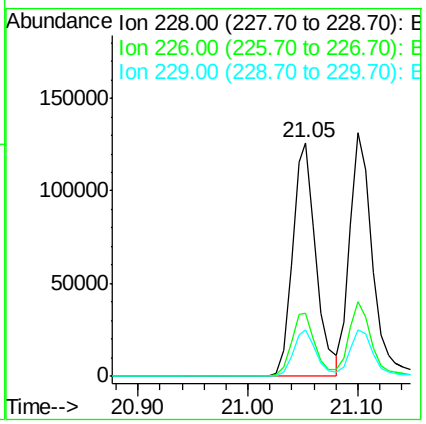


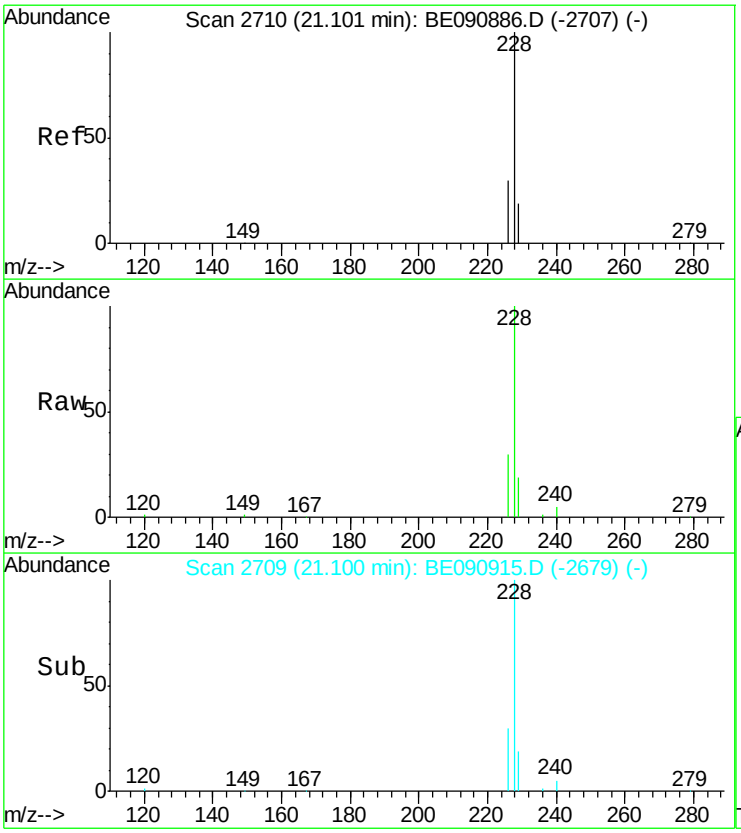
#29
Benzo(a)anthracene
Concen: 3.47 ng
RT: 21.05 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:228 Resp: 186617

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.6	32.4
229	19.8	15.9	23.9

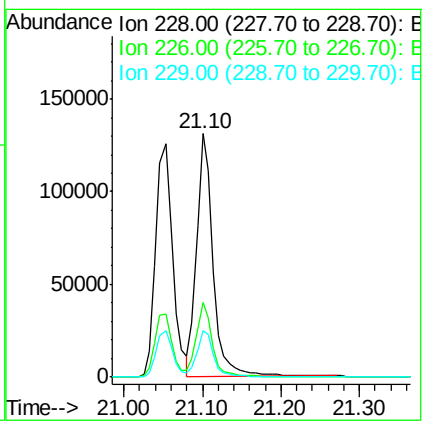


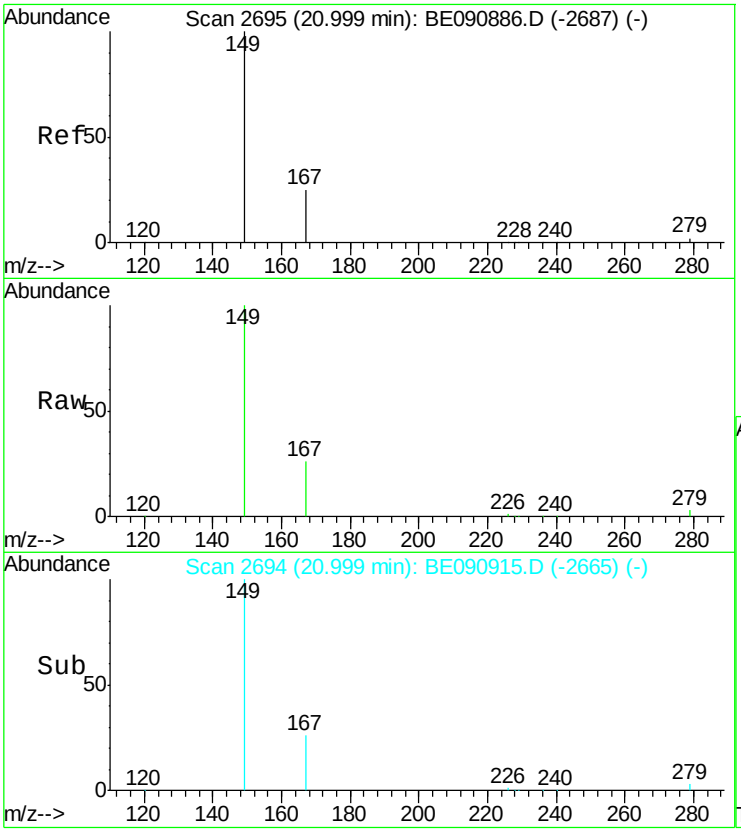


#30
Chrysene
Concen: 3.78 ng
RT: 21.10 min Scan# 2709
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:228 Resp: 191144

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	19.1	15.3	22.9



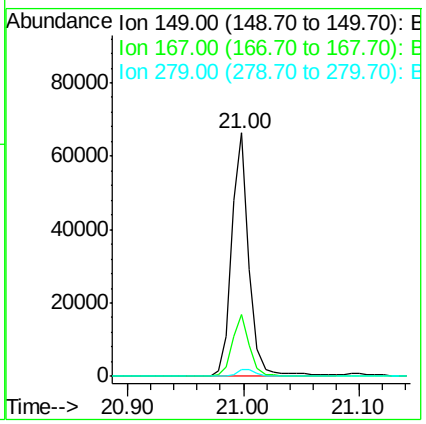


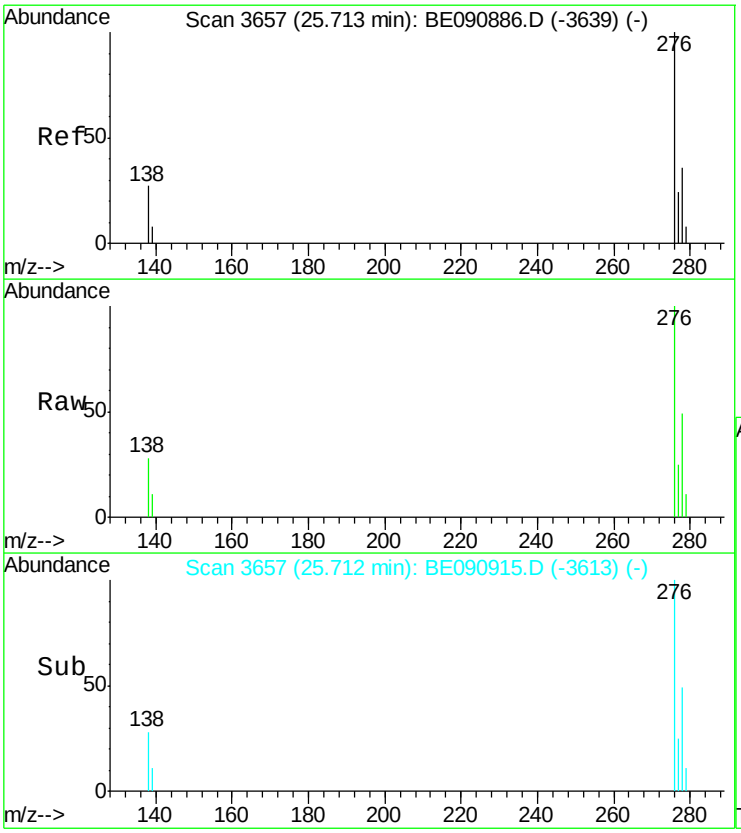
#31
Bis(2-ethylhexyl)phthalate
Concen: 2.84 ng
RT: 21.00 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:149 Resp: 68722

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.1	30.1
279	2.9	2.3	3.5

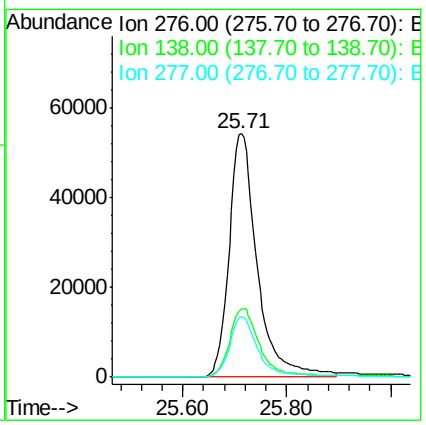


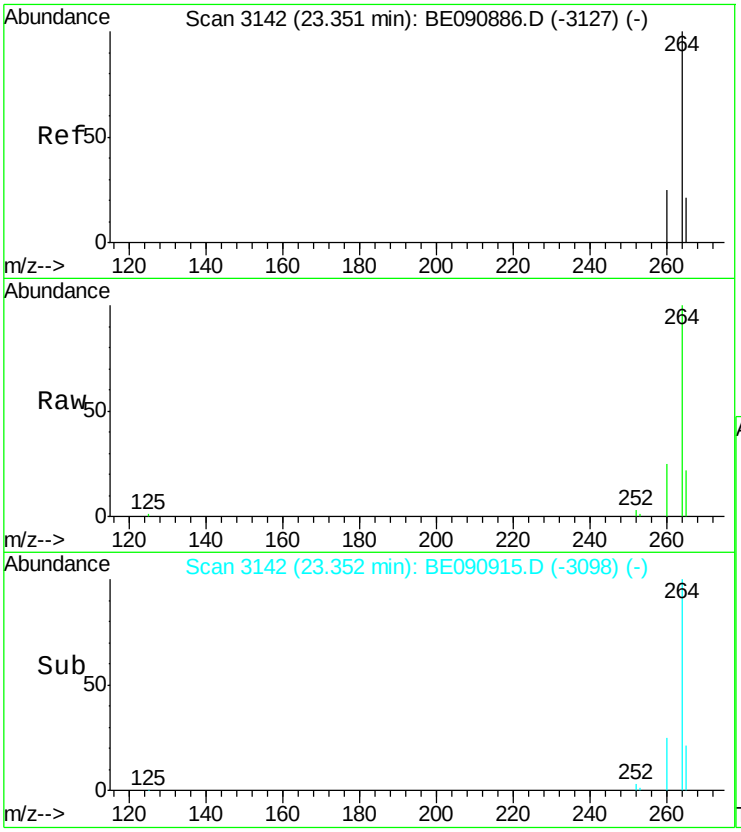


#32
Indeno(1,2,3-cd)pyrene
Concen: 3.21 ng
RT: 25.71 min Scan# 3657
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:276 Resp: 203265

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.3	34.9
277	25.0	19.8	29.6



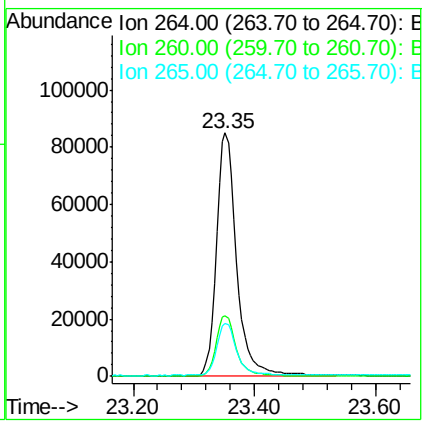


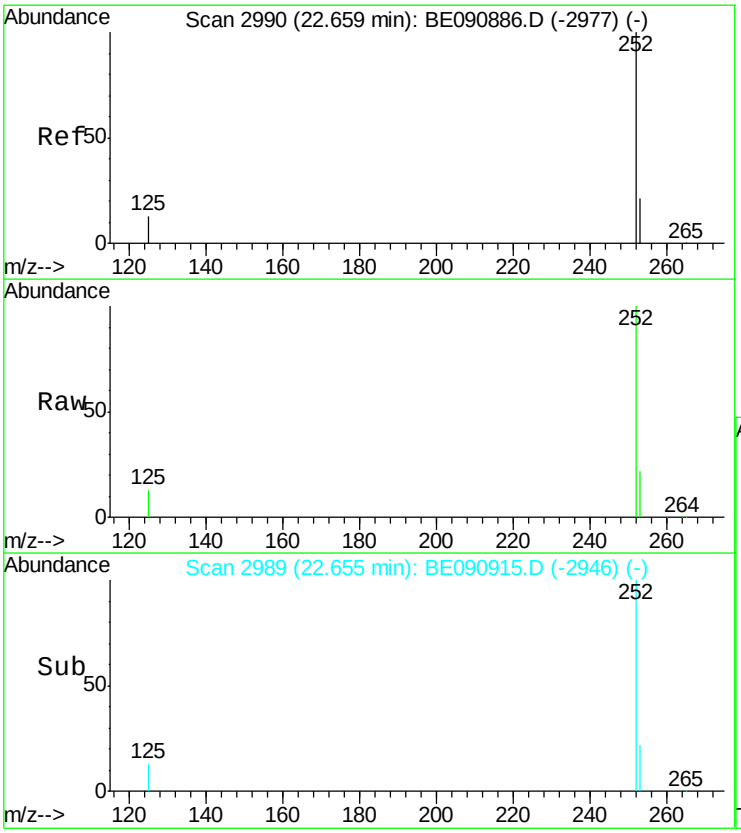
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:264 Resp: 197585

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	21.8	17.5	26.3

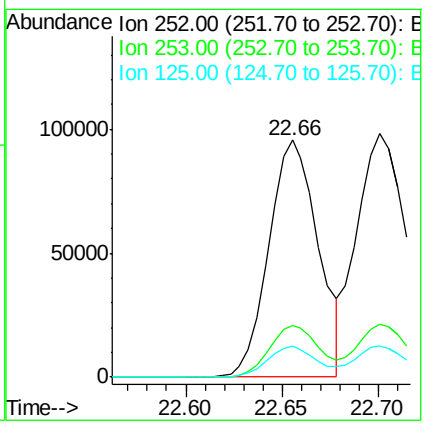


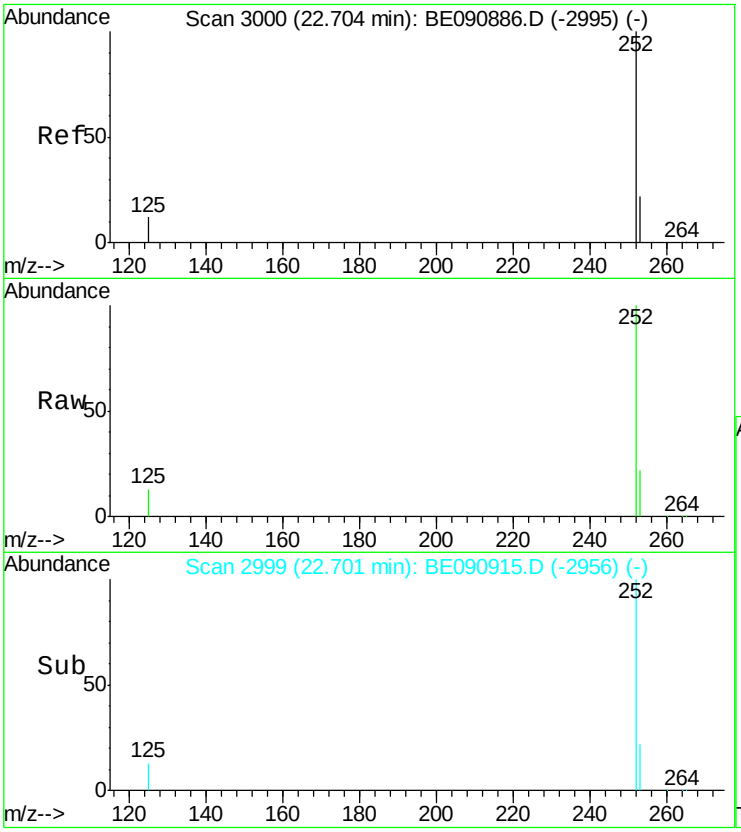


#34
Benzo(b)fluoranthene
Concen: 3.68 ng
RT: 22.66 min Scan# 2989
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:252 Resp: 170133

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	13.0	10.6	16.0



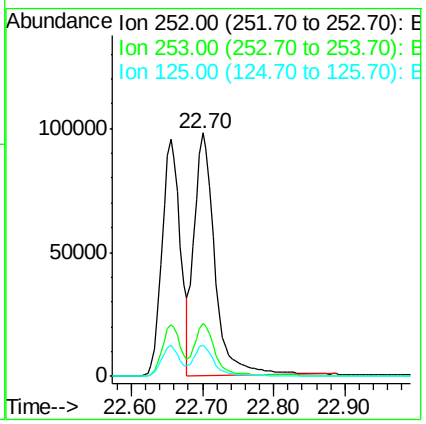


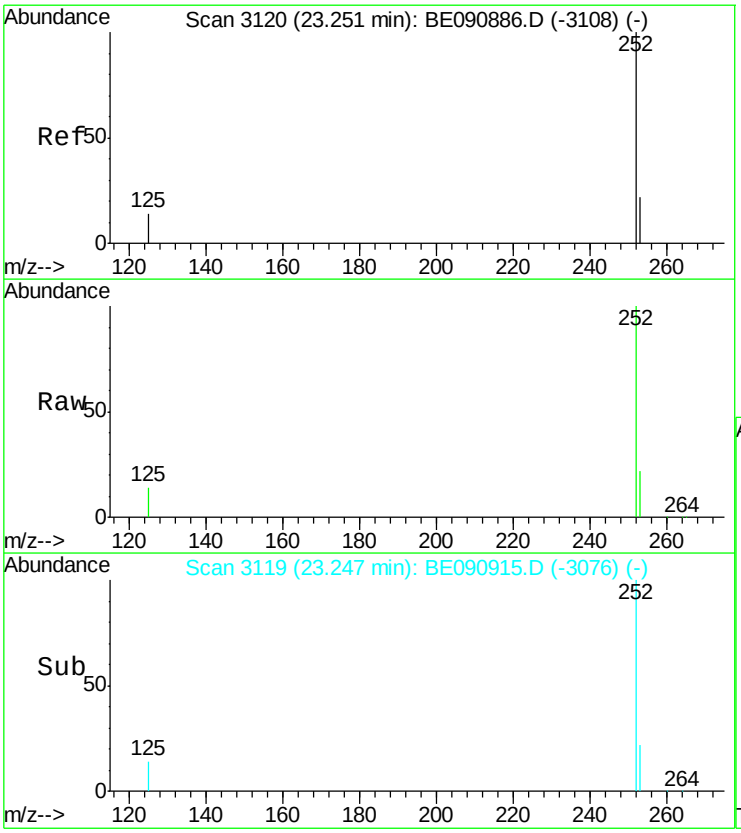
#35
Benzo(k)fluoranthene
Concen: 3.70 ng
RT: 22.70 min Scan# 2999
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:252 Resp: 196687

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.7	10.1	15.1

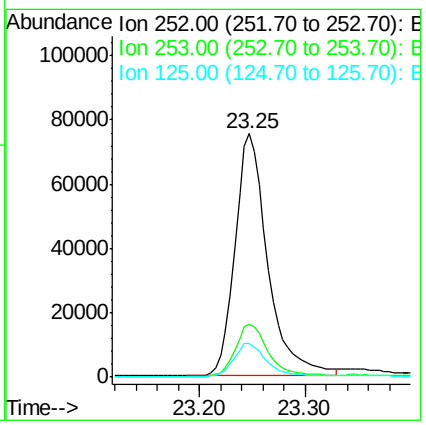


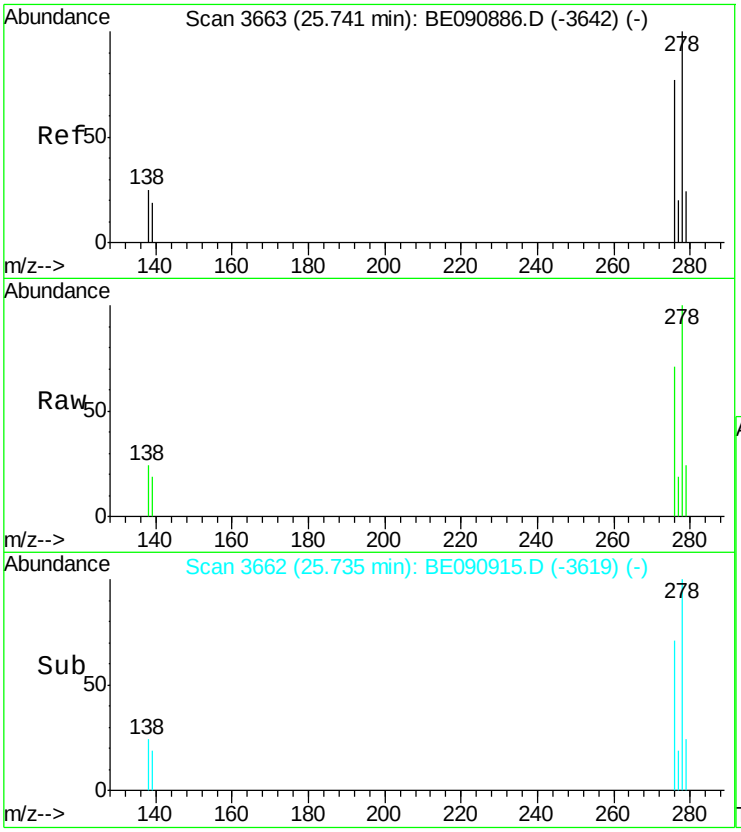


#36
Benzo(a)pyrene
Concen: 3.71 ng
RT: 23.25 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:252 Resp: 163259

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	13.7	18.0	27.0#



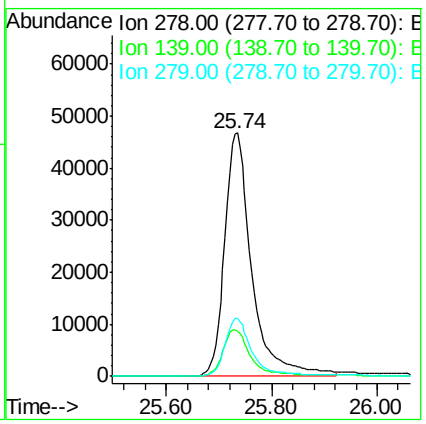


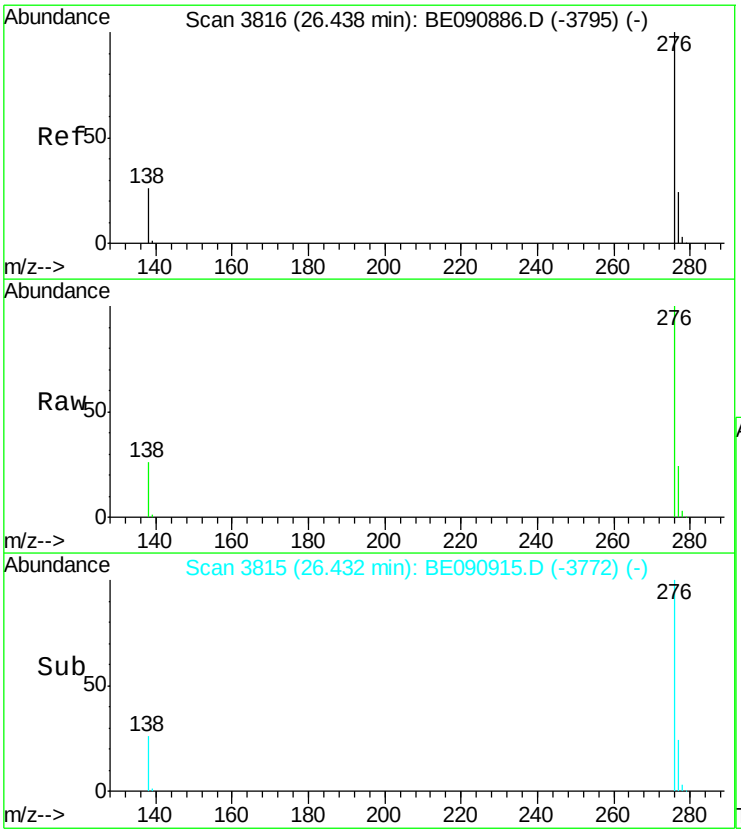
#37
Dibenzo(a,h)anthracene
Concen: 3.63 ng
RT: 25.74 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Instrument :
BNA_E
ClientSampleId :
PB85619BSD

Tgt Ion:278 Resp: 166122

Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.4	23.0
279	23.8	18.8	28.2





#38
Benzo(g,h,i)perylene
Concen: 3.55 ng
RT: 26.43 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BE090915.D
Acq: 21 Sep 2015 11:21

Tgt Ion:276 Resp: 173674

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	26.3	20.1	30.1