Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092415\
Data File : BE090964.D
Acq On : 24 Sep 2015 4:03
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 24 08:21:25 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	7.54	152	32721	5.00	ng		0.00
7) Naphthalene-d8	10.30	136	153298	5.00	ng		0.00
13) Acenaphthene-d10	14.16	164	83761	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	182506	5.00	ng		0.00
26) Chrysene-d12	21.07	240	214332	5.00	ng		0.00
33) Perylene-d12	23.35	264	194255	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	5553	0.72	ng		0.00
5) Phenol-d6	6.79	99	6727	0.66	ng		0.04
8) Nitrobenzene-d5	8.71	82	8650	0.82	ng		0.00
14) 2,4,6-Tribromophenol	15.69	330	2054	0.70	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	22708	0.96	ng		0.00
28) Terphenyl-d14	19.54	244	26897	1.06	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	5423	1.13	ng		93
3) n-Nitrosodimethylamine	3.45	42	5525	0.86	ng		92
6) bis(2-Chloroethyl)ether	6.98	93	8742	0.93	ng	#	83
9) Nitrobenzene	8.75	77	8848	0.75	ng		97
10) Naphthalene	10.36	128	33927	1.05	ng		99
11) Hexachlorobutadiene	10.64	225	5698	1.19	ng		99
12) 2-Methylnaphthalene	12.00	142	20056	0.97	ng		99
16) Acenaphthylene	13.88	152	139820	0.96	ng		100
17) Acenaphthene	14.23	154	22789	1.01	ng		91
18) Fluorene	15.22	166	26685	0.97	ng		97
20) 4-Bromophenyl-phenylether	16.13	248	6899	0.98	ng		93
21) Hexachlorobenzene	16.23	284	36709	1.18	ng		99
22) Pentachlorophenol	16.65	266	941	0.45	ng		94
23) Phenanthrene	16.94	178	45709	1.03	ng		99
24) Anthracene	17.05	178	37869	0.91	ng		99
25) Fluoranthene	18.96	202	48768	0.88	ng		100
27) Pyrene	19.32	202	50954	1.04	ng		99
29) Benzo(a)anthracene	21.05	228	43942	0.83	ng		99
30) Chrysene	21.11	228	62648	1.16	ng		99
31) Bis(2-ethylhexyl)phthalate	21.00	149	15233	0.77	ng		99
32) Indeno(1,2,3-cd)pyrene	25.72	276	50809	0.81	ng		100
34) Benzo(b)fluoranthene	22.66	252	39777	0.87	ng		100
35) Benzo(k)fluoranthene	22.70	252	57381	1.10	ng		99
36) Benzo(a)pyrene	23.25	252	44964	1.04	ng	#	91
37) Dibenzo(a,h)anthracene	25.74	278	38069	0.85	ng		98
38) Benzo(g,h,i)perylene	26.44	276	43162	0.90	ng		98

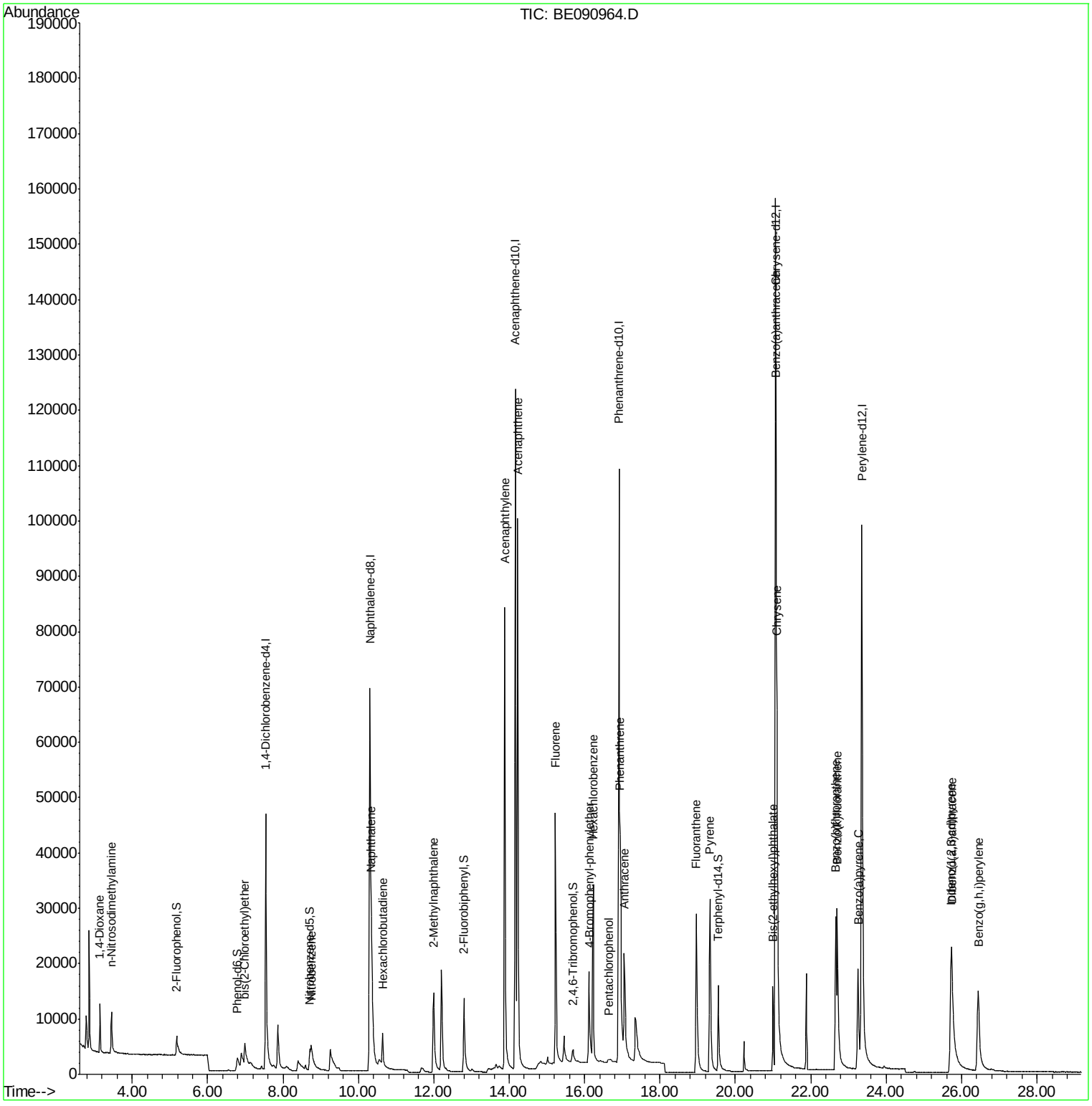
(#) = qualifier out of range (m) = manual integration (+) = signals summed

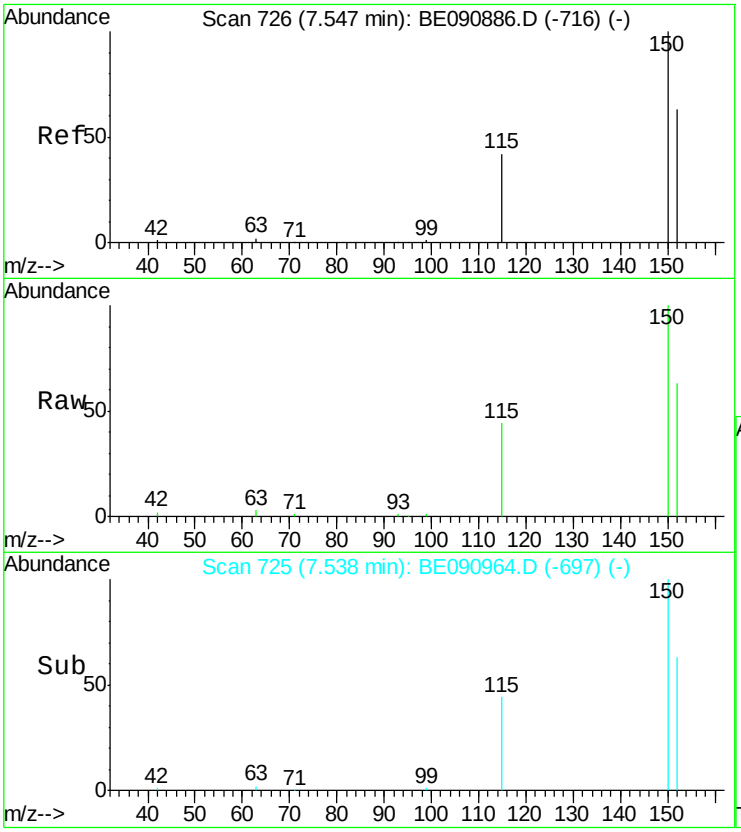
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092415\
Data File : BE090964.D
Acq On : 24 Sep 2015 4:03
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 24 08:21:25 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



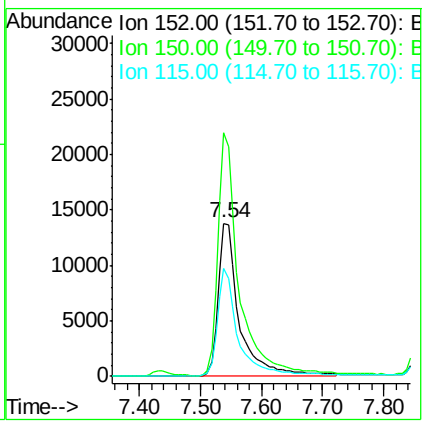


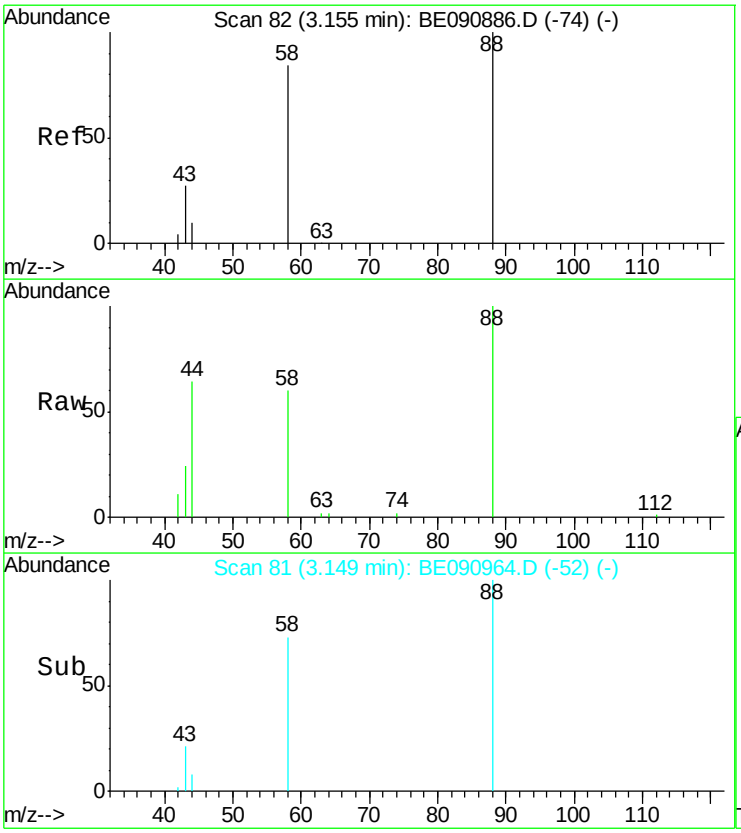
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.54 min Scan# 725
Delta R.T. -0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 32721

Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.2	183.4
115	70.2	51.0	76.4

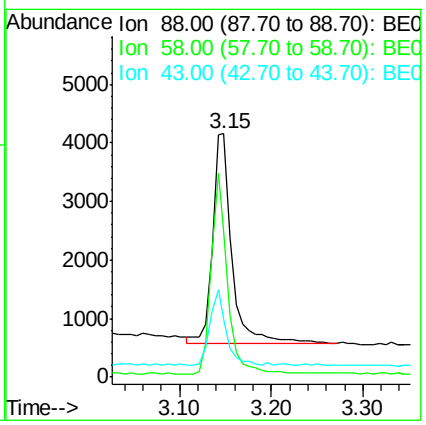


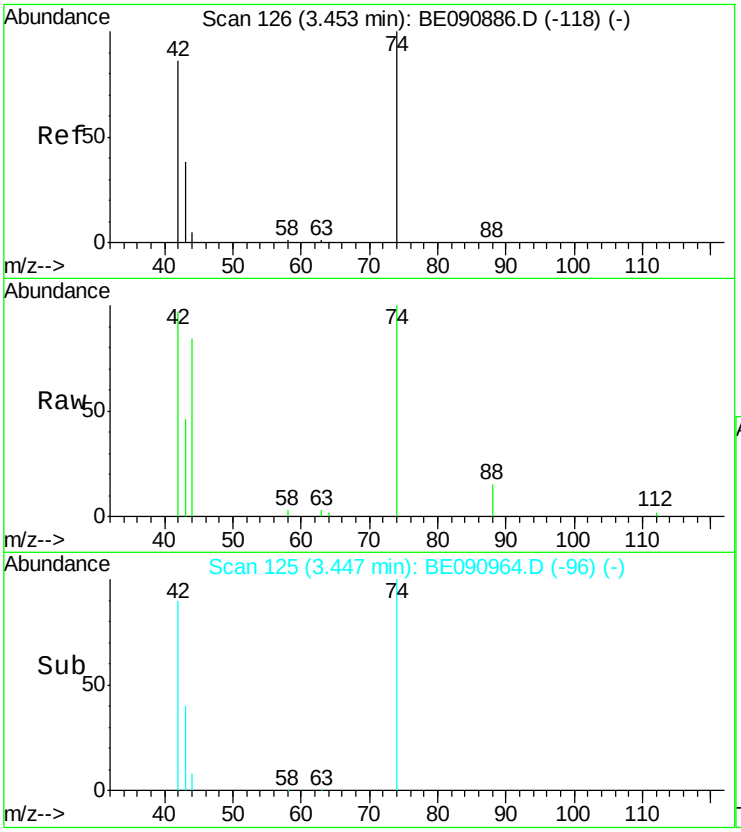


#2
1,4-Dioxane
Concen: 1.13 ng
RT: 3.15 min Scan# 81
Delta R.T. -0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion: 88 Resp: 5423

Ion	Ratio	Lower	Upper
88	100		
58	79.1	68.4	102.6
43	28.7	26.9	40.3



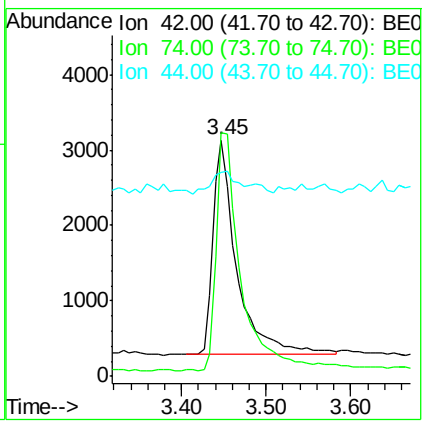


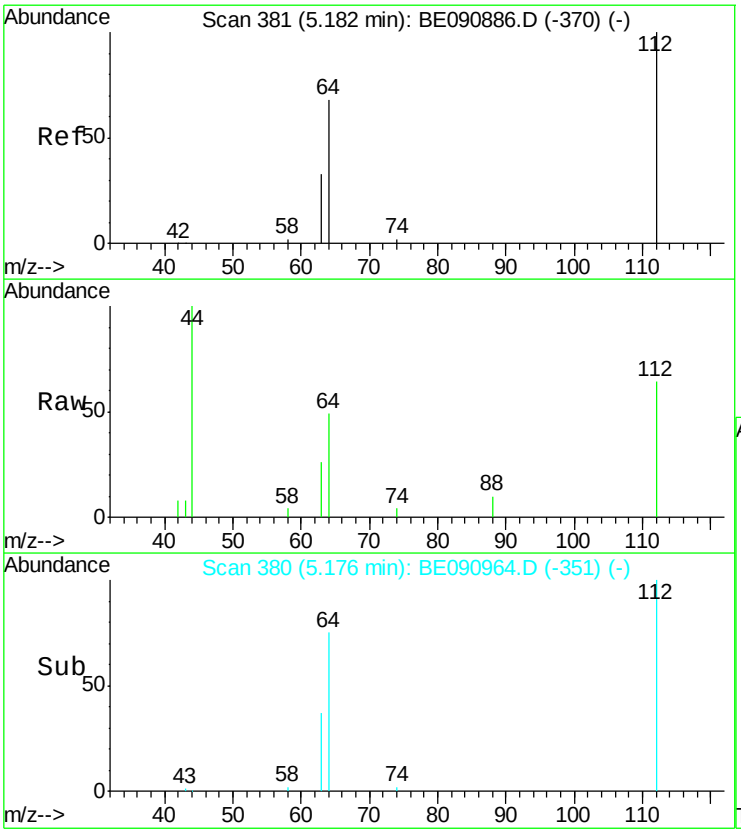
#3
n-Nitrosodimethylamine
Concen: 0.86 ng
RT: 3.45 min Scan# 125
Delta R.T. -0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 5525

Ion	Ratio	Lower	Upper
42	100		
74	112.8	83.7	125.5
44	10.7	10.0	15.0

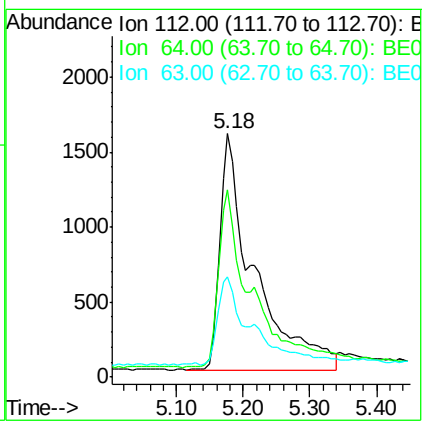


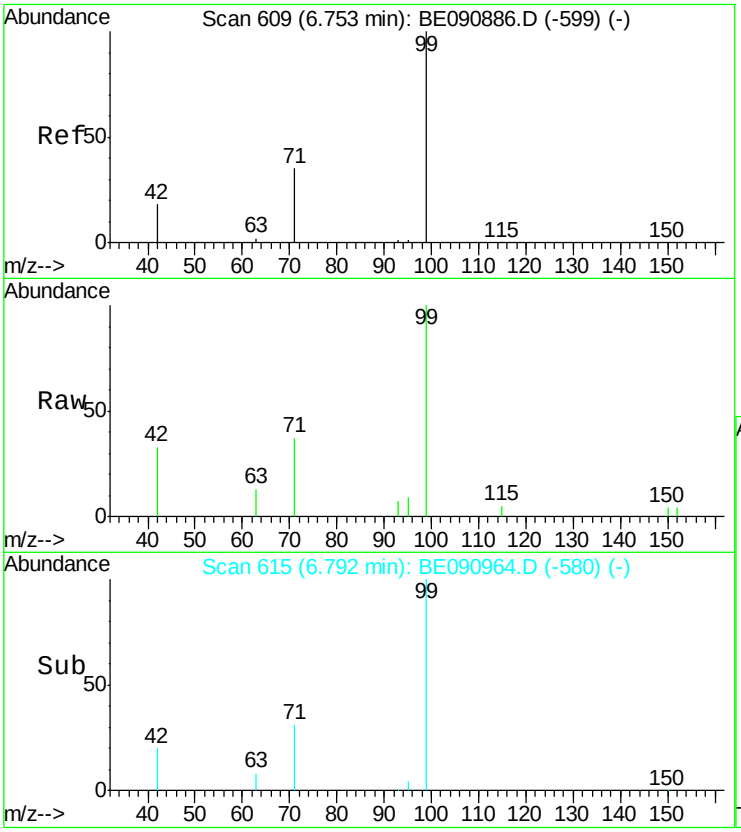


#4
2-Fluorophenol
Concen: 0.72 ng
RT: 5.18 min Scan# 380
Delta R.T. -0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:112 Resp: 5553

Ion	Ratio	Lower	Upper
112	100		
64	75.7	57.3	85.9
63	22.4	29.2	43.8#



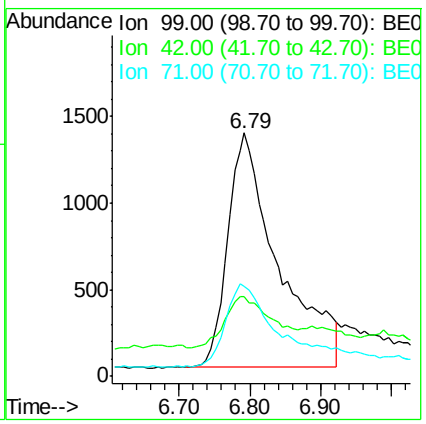


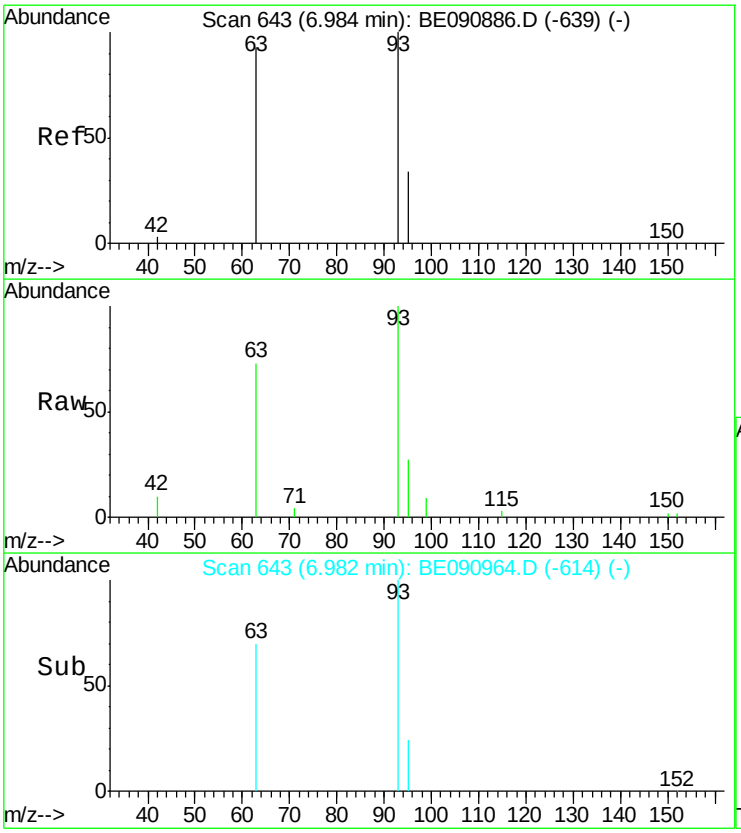
#5
Phenol-d6
Concen: 0.66 ng
RT: 6.79 min Scan# 615
Delta R.T. 0.04 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6727

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.8	25.2
71	36.1	28.3	42.5

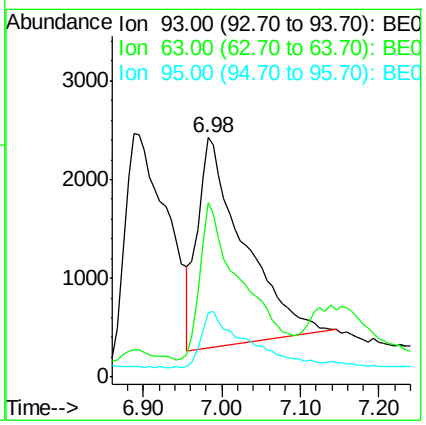


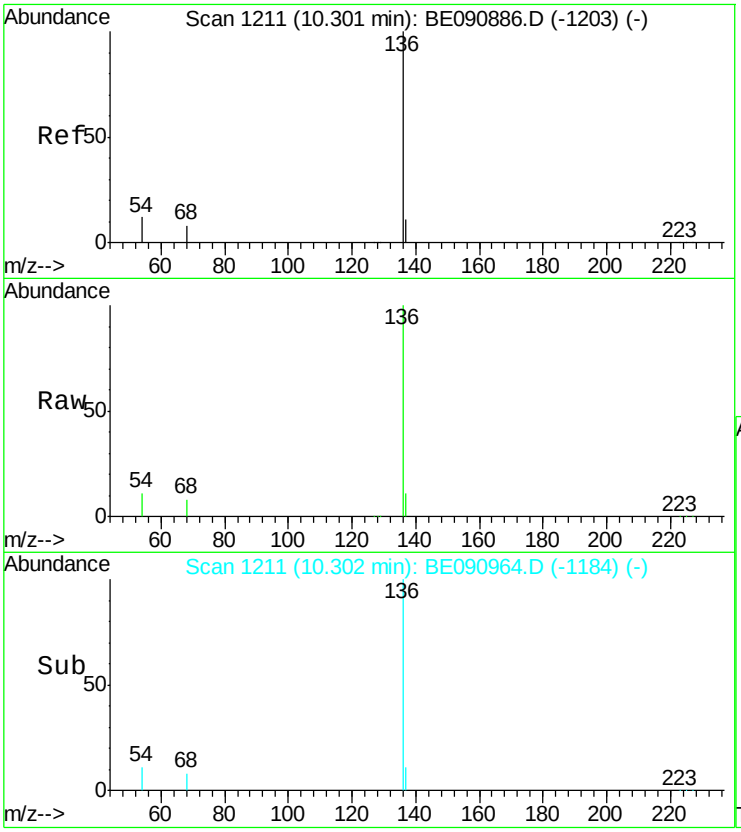


#6
bis(2-Chloroethyl)ether
Concen: 0.93 ng
RT: 6.98 min Scan# 643
Delta R.T. -0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion: 93 Resp: 8742

Ion	Ratio	Lower	Upper
93	100		
63	68.6	68.5	102.7
95	26.8	26.9	40.3#



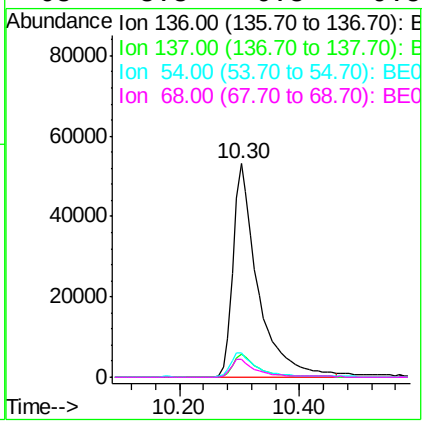


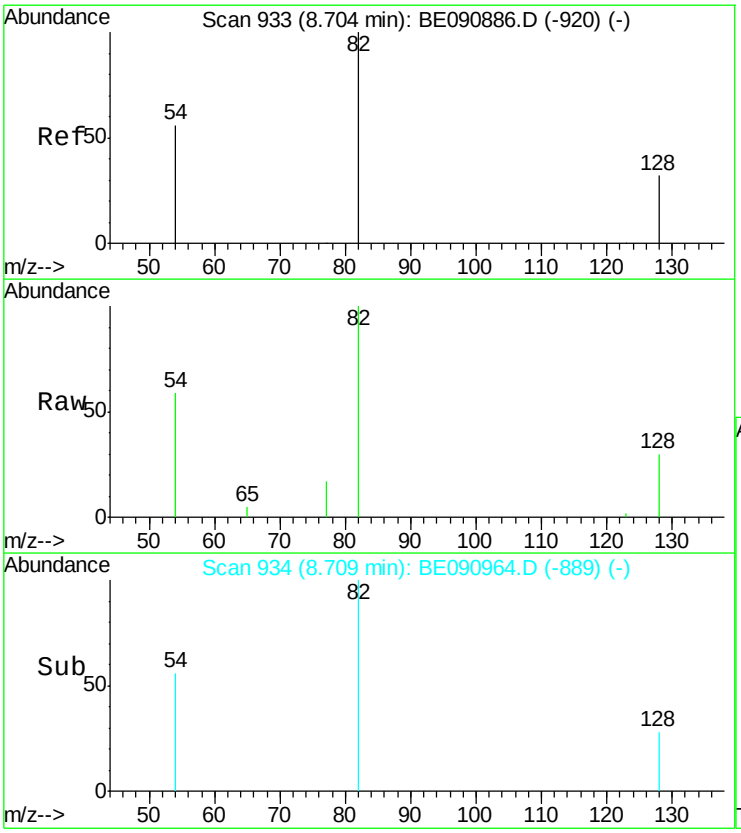
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 153298

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.5	9.0	13.6
68	8.3	6.3	9.5

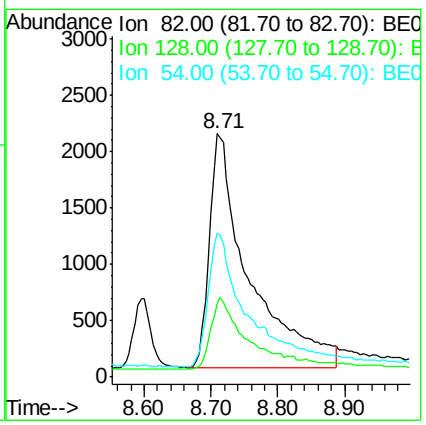


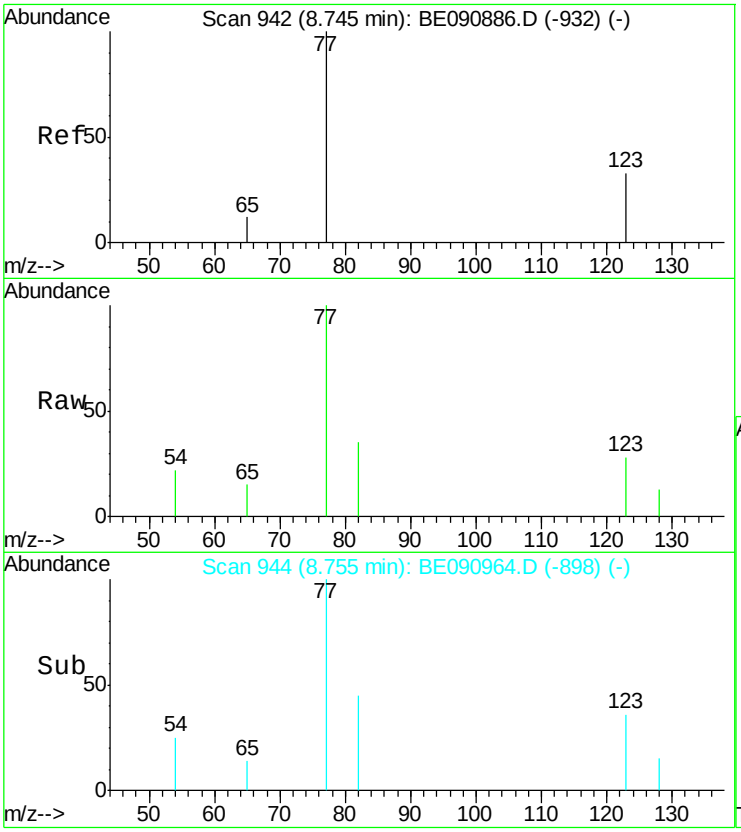


#8
Nitrobenzene-d5
Concen: 0.82 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion: 82 Resp: 8650

Ion	Ratio	Lower	Upper
82	100		
128	30.3	25.0	37.4
54	58.9	46.3	69.5



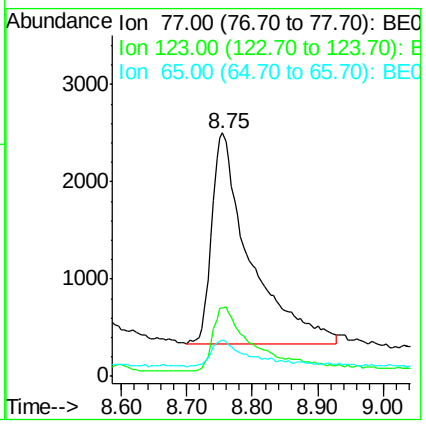


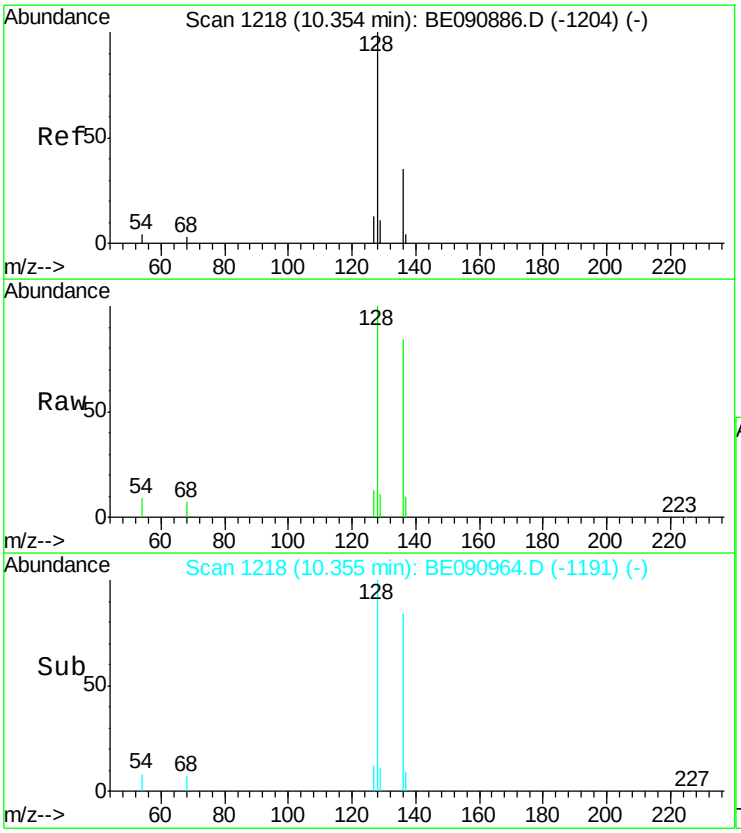
#9
Nitrobenzene
Concen: 0.75 ng
RT: 8.75 min Scan# 944
Delta R.T. 0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 8848

Ion	Ratio	Lower	Upper
77	100		
123	33.2	25.1	37.7
65	10.8	9.9	14.9

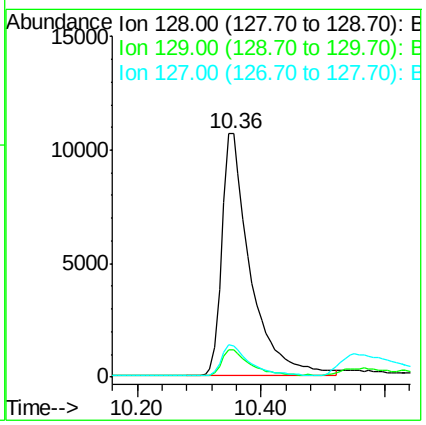


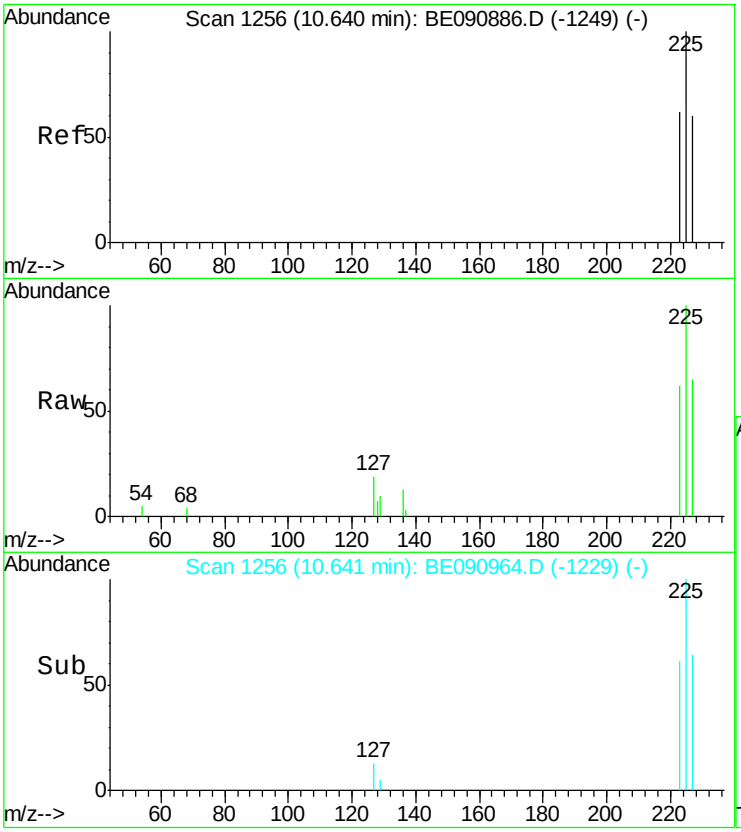


#10
Naphthalene
Concen: 1.05 ng
RT: 10.36 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:128 Resp: 33927

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.4	12.6
127	12.9	9.9	14.9



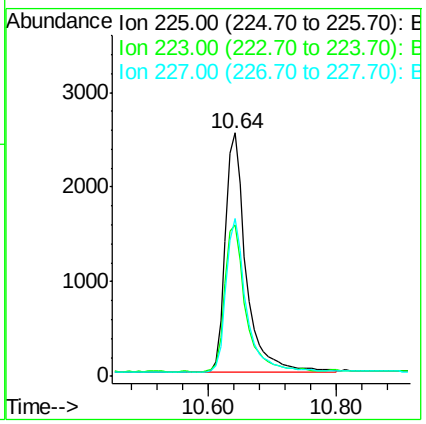


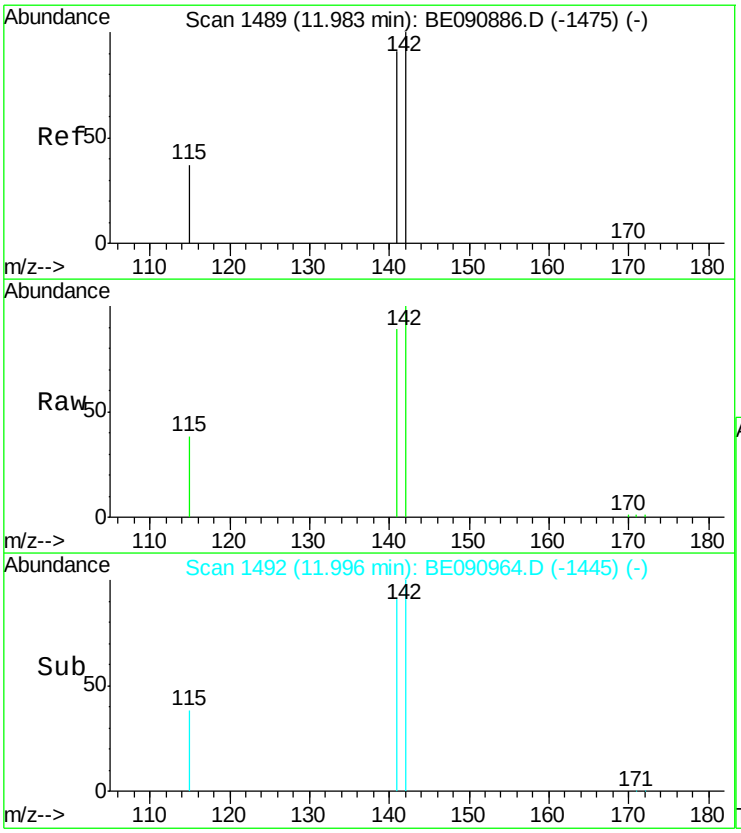
#11
Hexachlorobutadiene
Concen: 1.19 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:225 Resp: 5698

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.3	51.0	76.6

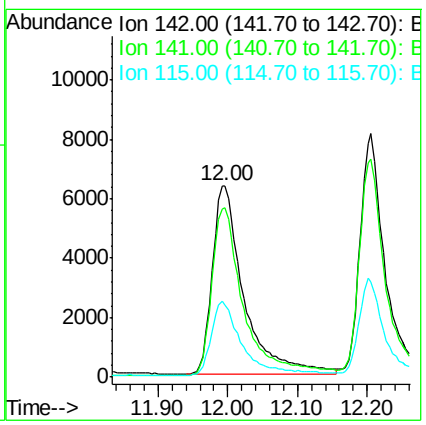


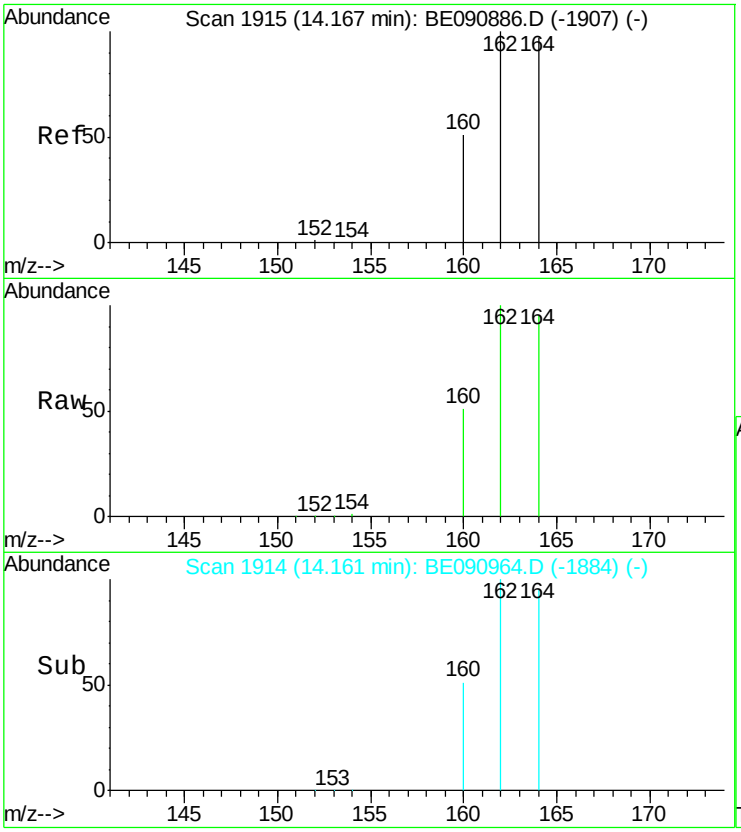


#12
2-Methylnaphthalene
Concen: 0.97 ng
RT: 12.00 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:142 Resp: 20056

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	37.9	31.0	46.4



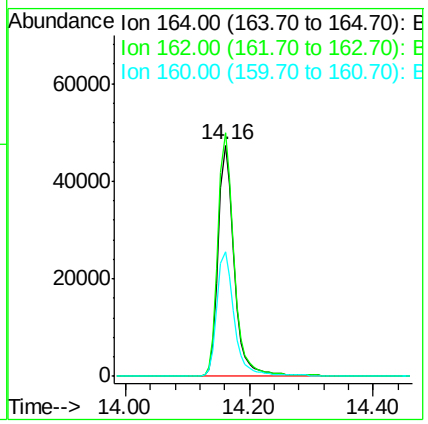


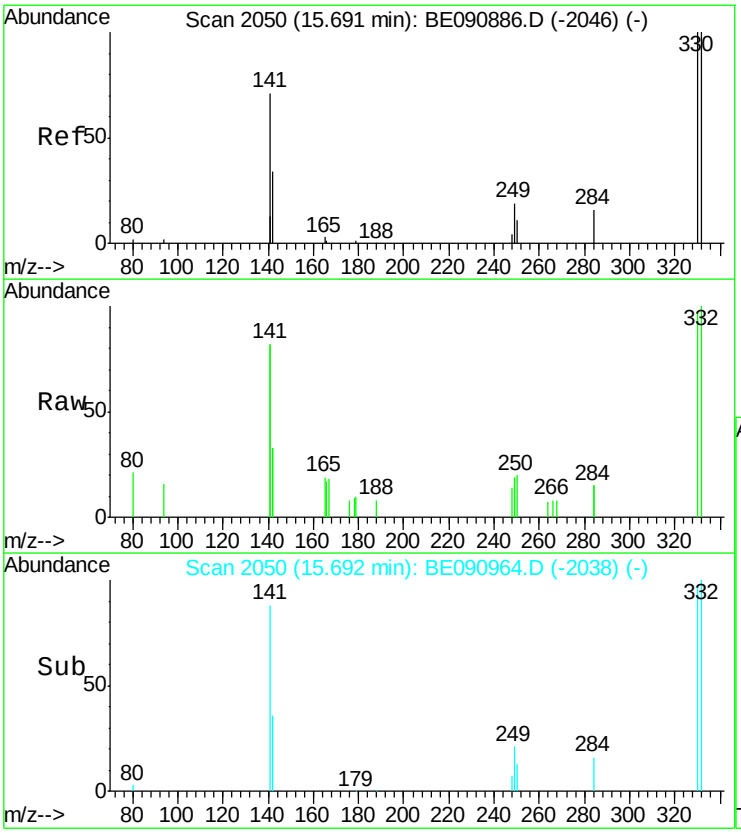
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 83761

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.8	130.2
160	53.8	53.9	80.9#

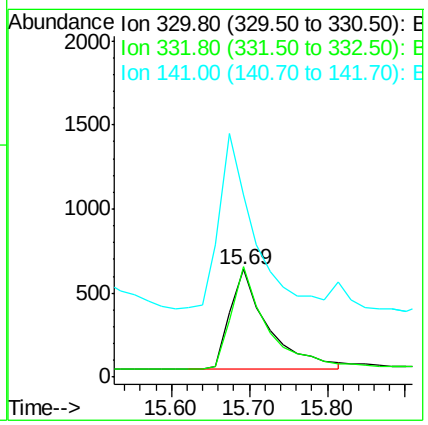


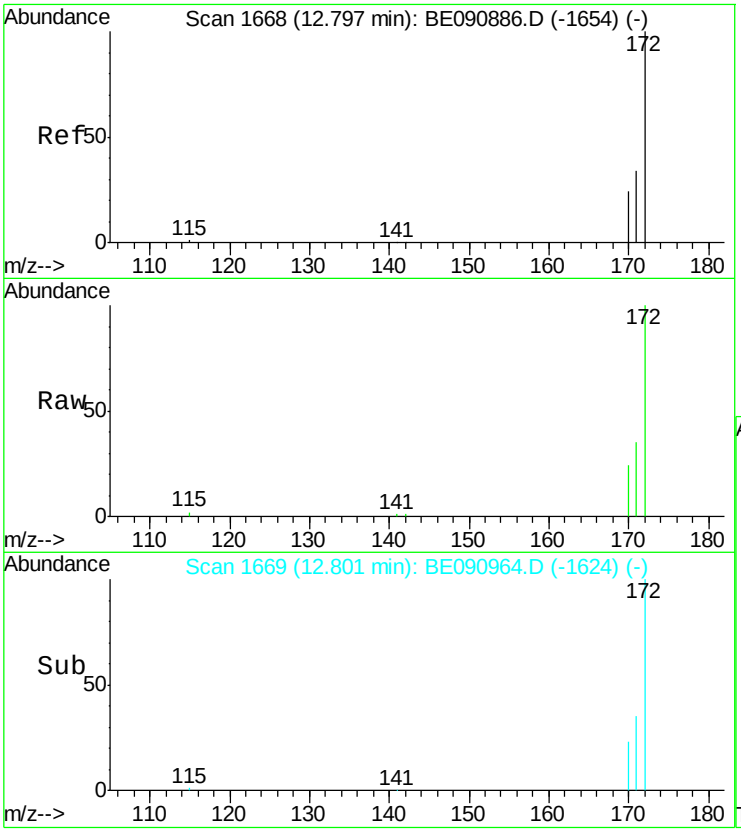


#14
2,4,6-Tribromophenol
Concen: 0.70 ng
RT: 15.69 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:330 Resp: 2054

Ion	Ratio	Lower	Upper
330	100		
332	96.9	74.9	112.3
141	153.9	145.2	217.8



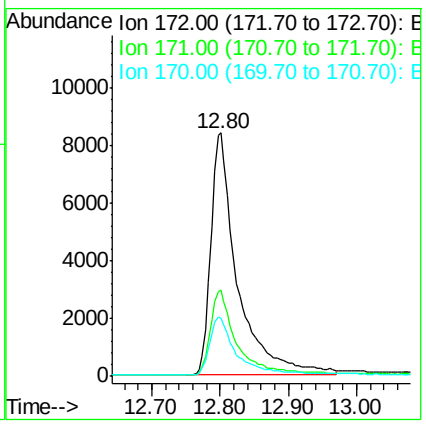


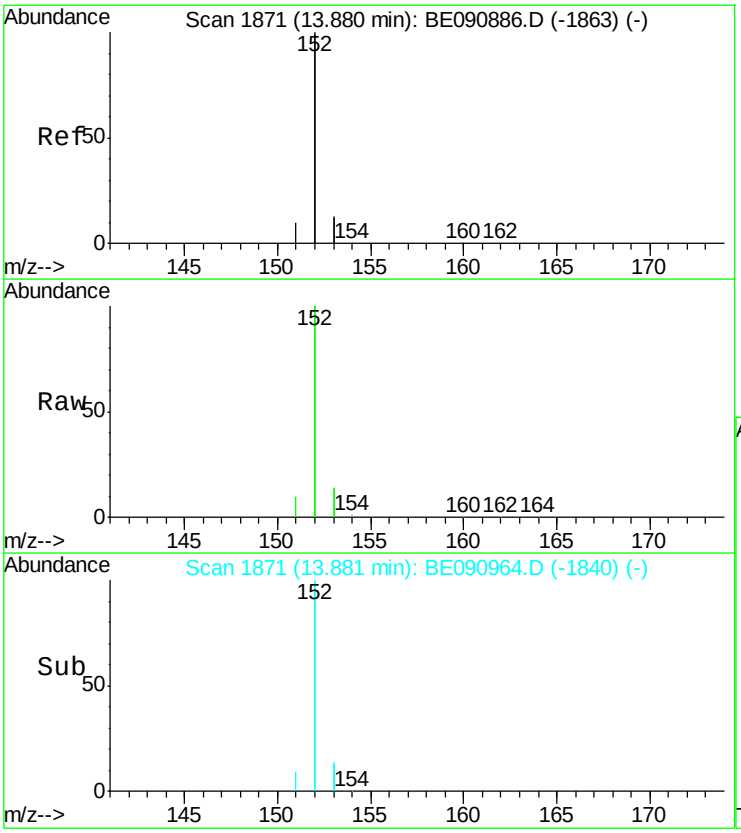
#15
2-Fluorobiphenyl
Concen: 0.96 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 22708

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.8	19.8	29.6

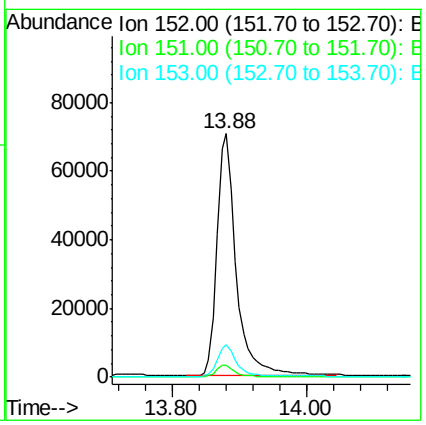


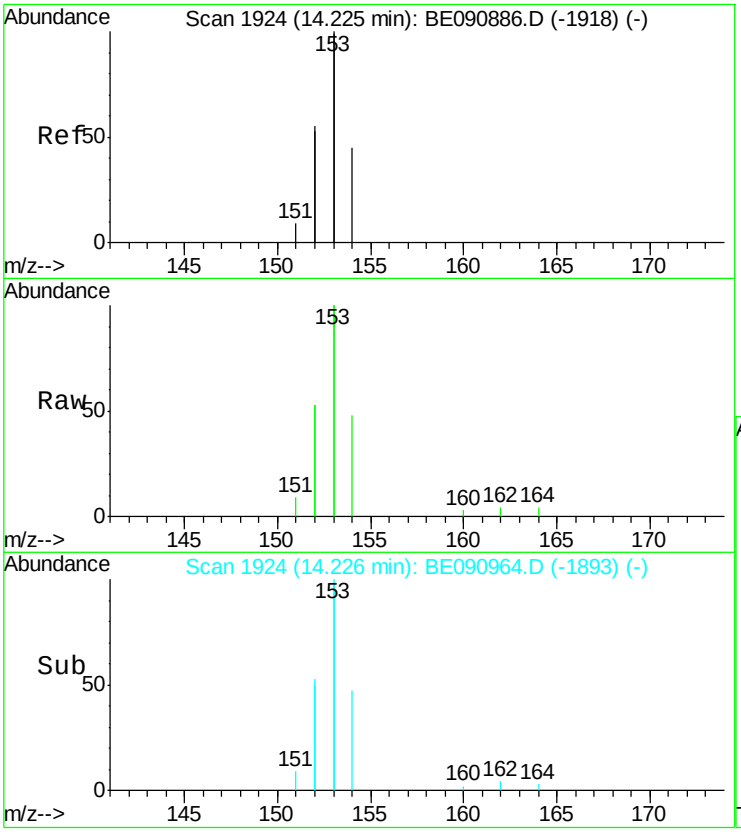


#16
Acenaphthylene
Concen: 0.96 ng
RT: 13.88 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:152 Resp: 139820

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.3	15.5



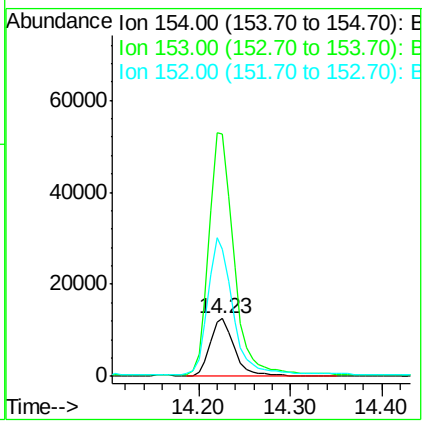


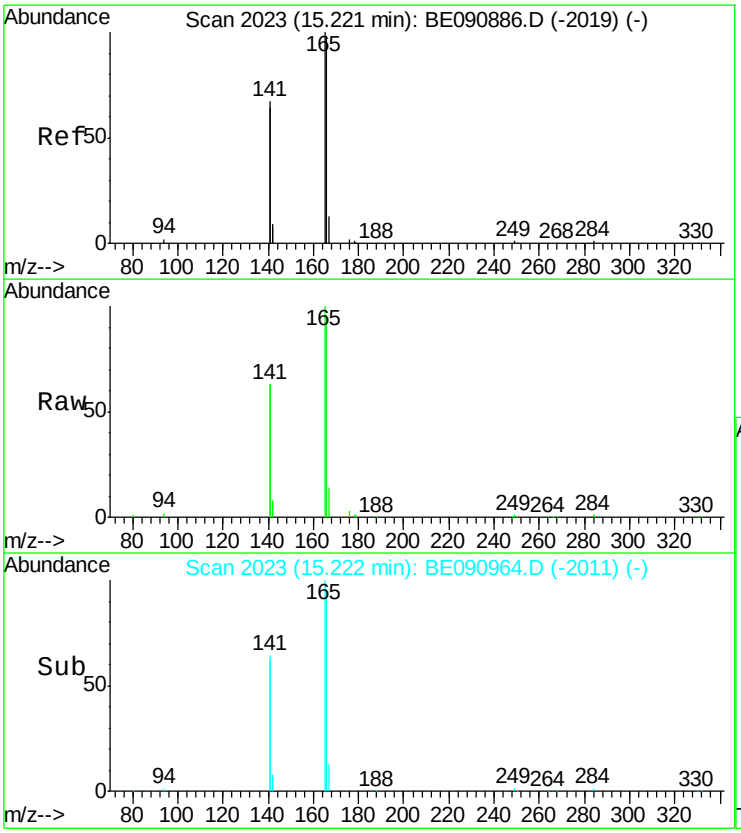
#17
Acenaphthene
Concen: 1.01 ng
RT: 14.23 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:154 Resp: 22789

Ion	Ratio	Lower	Upper
154	100		
153	440.9	354.5	531.7
152	245.2	227.8	341.6

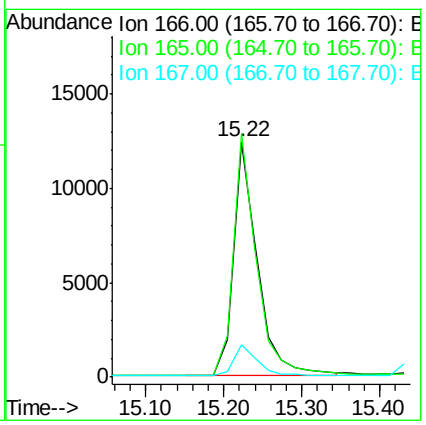


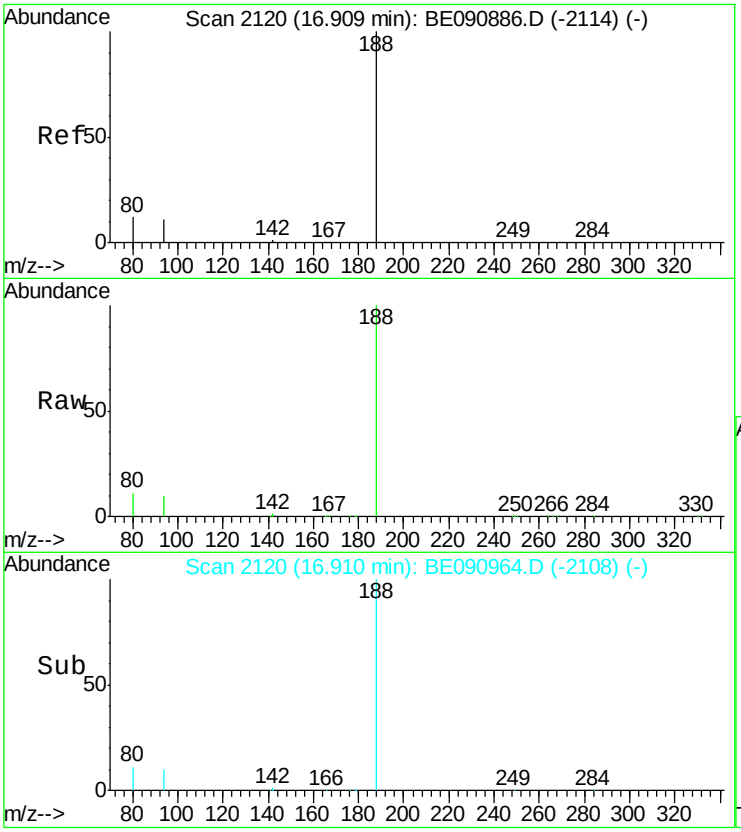


#18
Fluorene
Concen: 0.97 ng
RT: 15.22 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:166 Resp: 26685

Ion	Ratio	Lower	Upper
166	100		
165	100.3	82.7	124.1
167	13.6	10.7	16.1



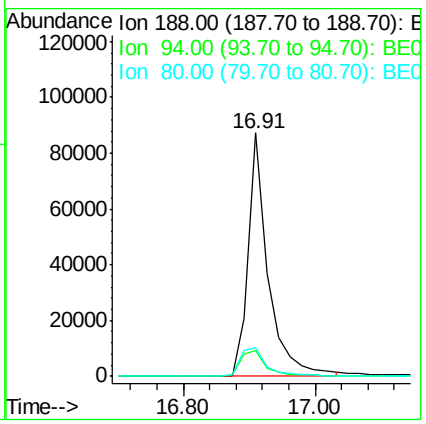


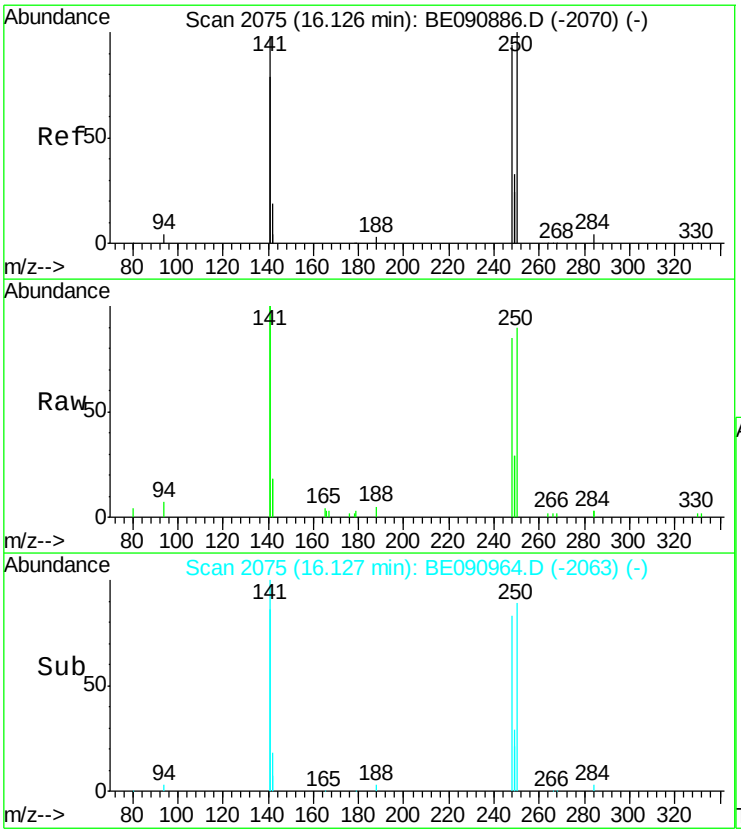
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 182506

Ion	Ratio	Lower	Upper
188	100		
94	10.5	10.3	15.5
80	11.5	11.0	16.6

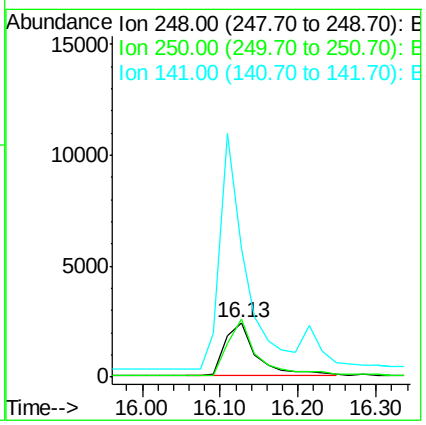


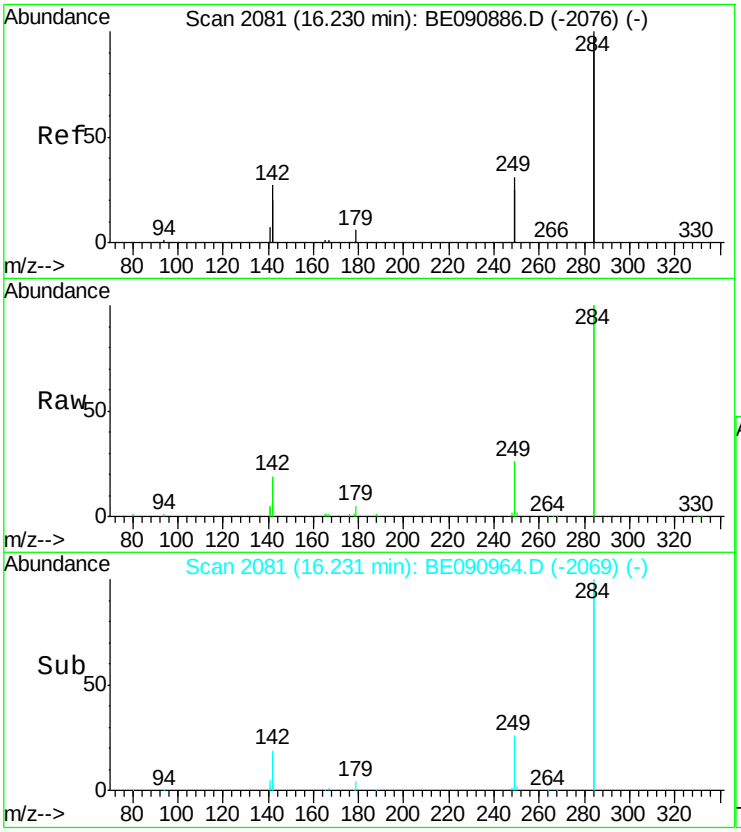


#20
4-Bromophenyl-phenylether
Concen: 0.98 ng
RT: 16.13 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:248 Resp: 6899

Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.7	115.1
141	347.3	292.6	439.0



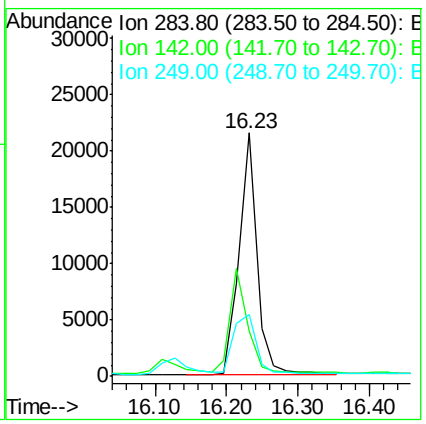


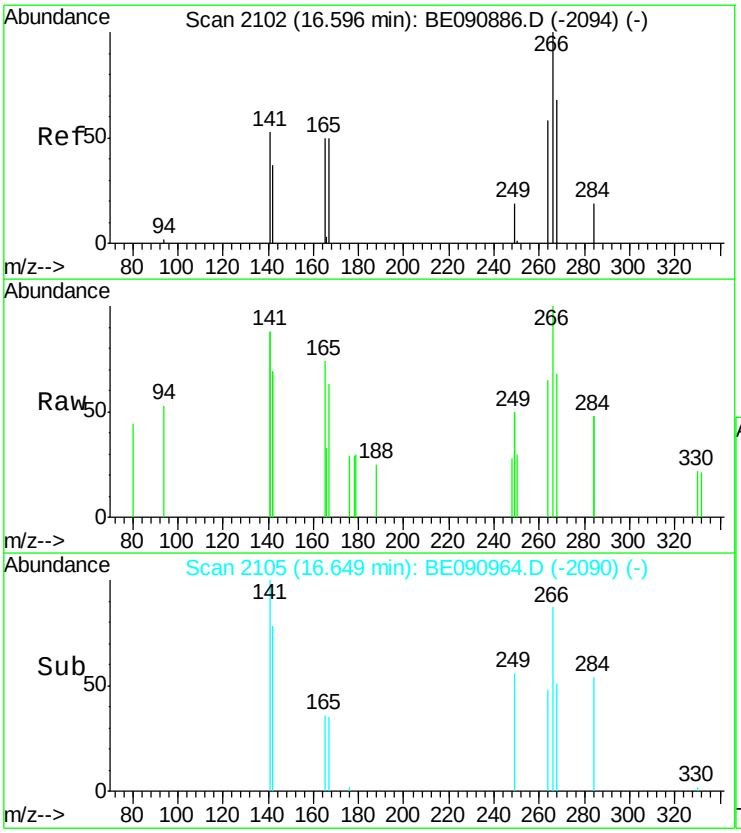
#21
Hexachlorobenzene
Concen: 1.18 ng
RT: 16.23 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 36709

Ion	Ratio	Lower	Upper
284	100		
142	42.4	35.0	52.4
249	31.9	25.5	38.3

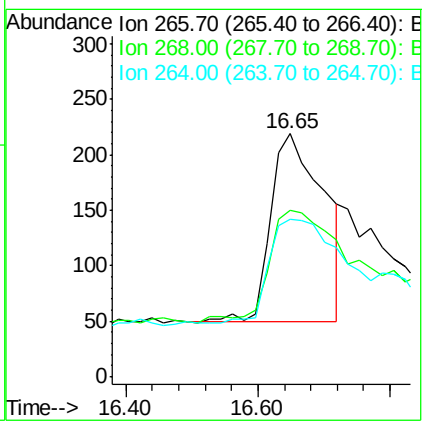


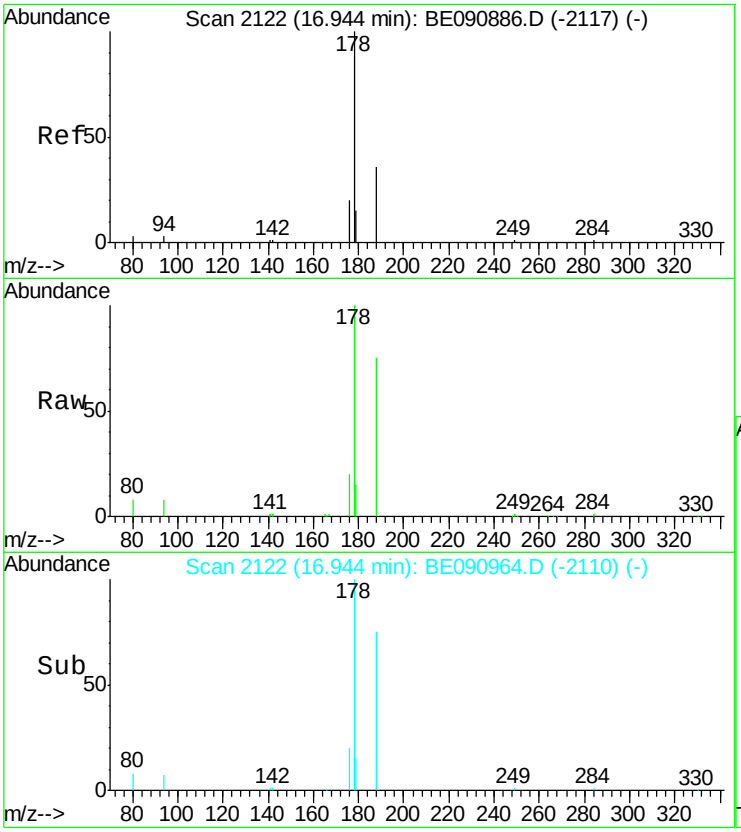


#22
Pentachlorophenol
Concen: 0.45 ng
RT: 16.65 min Scan# 2105
Delta R.T. 0.05 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:266 Resp: 941

Ion	Ratio	Lower	Upper
266	100		
268	68.5	49.6	74.4
264	64.8	53.9	80.9



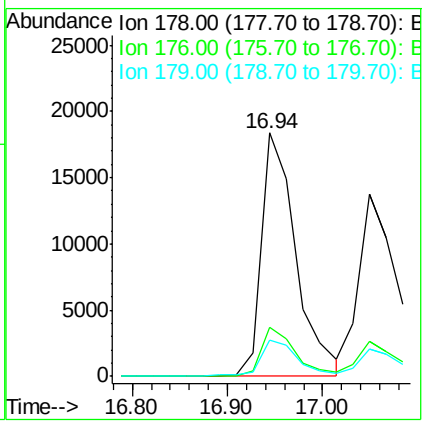


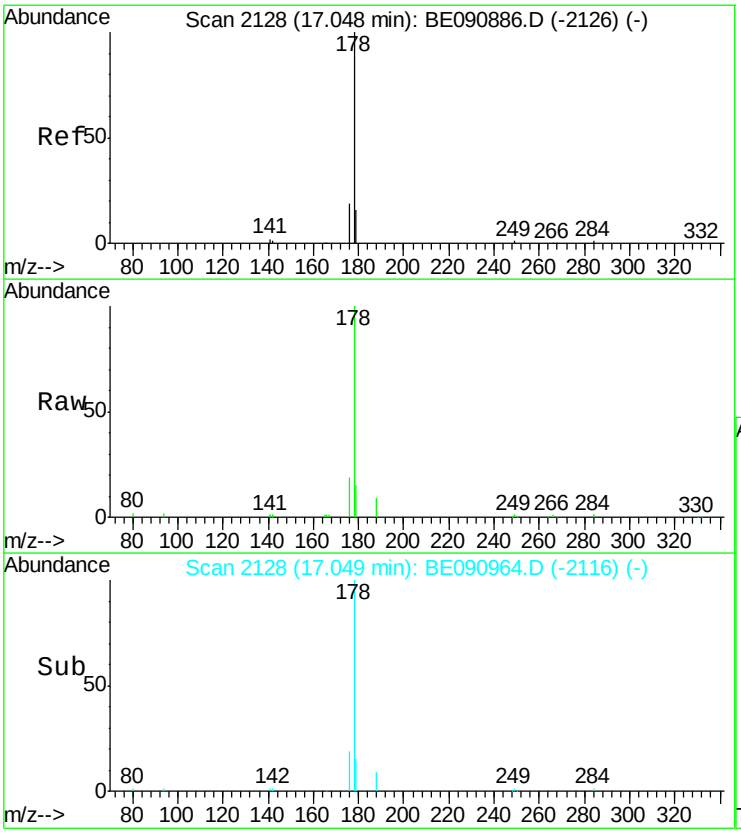
#23
Phenanthrene
Concen: 1.03 ng
RT: 16.94 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 45709

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.5	12.8	19.2

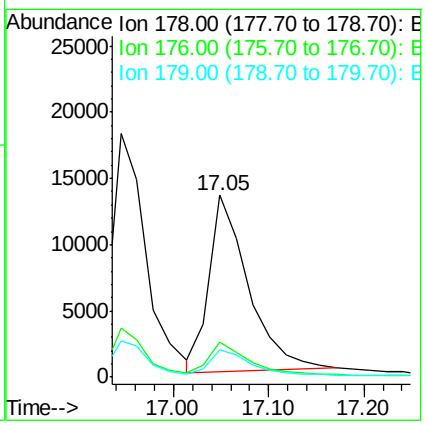


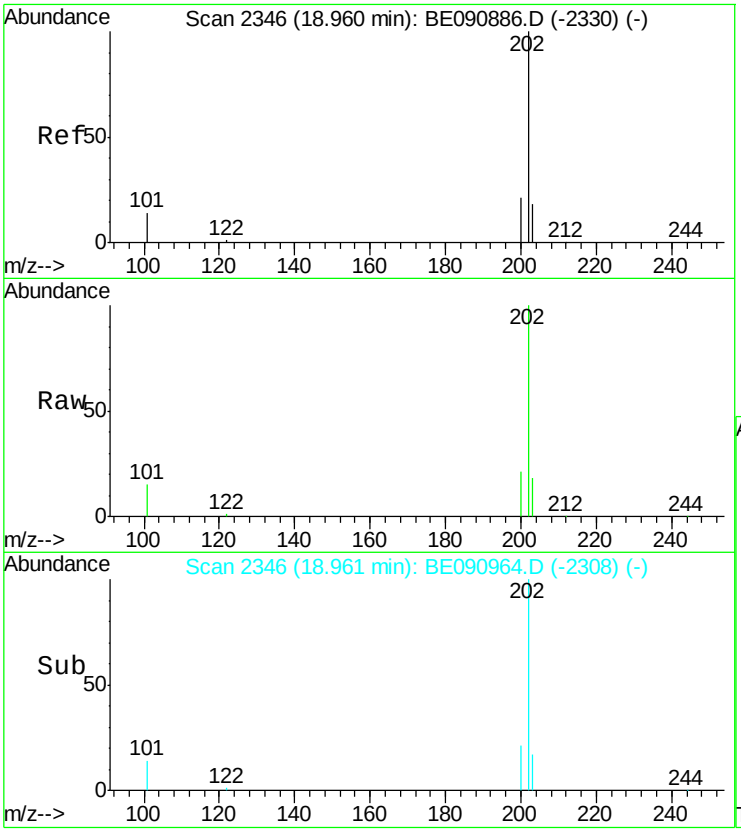


#24
Anthracene
Concen: 0.91 ng
RT: 17.05 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:178 Resp: 37869

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	15.3	12.3	18.5



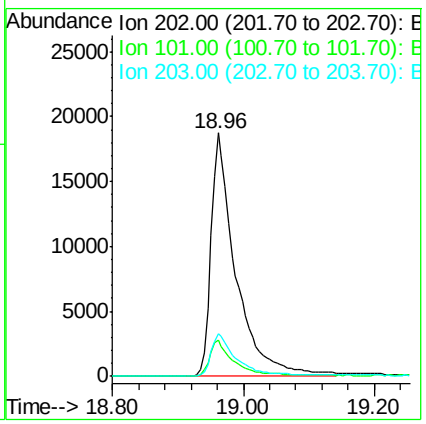


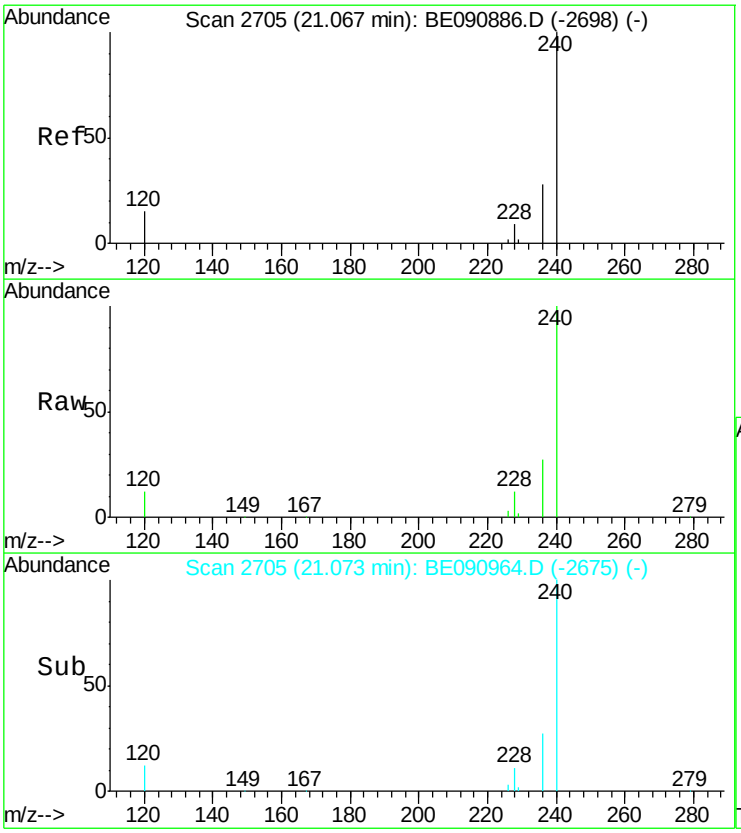
#25
Fluoranthene
Concen: 0.88 ng
RT: 18.96 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 48768

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.0	16.6
203	17.3	13.9	20.9

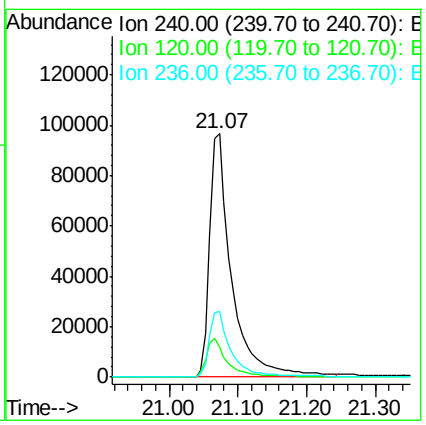


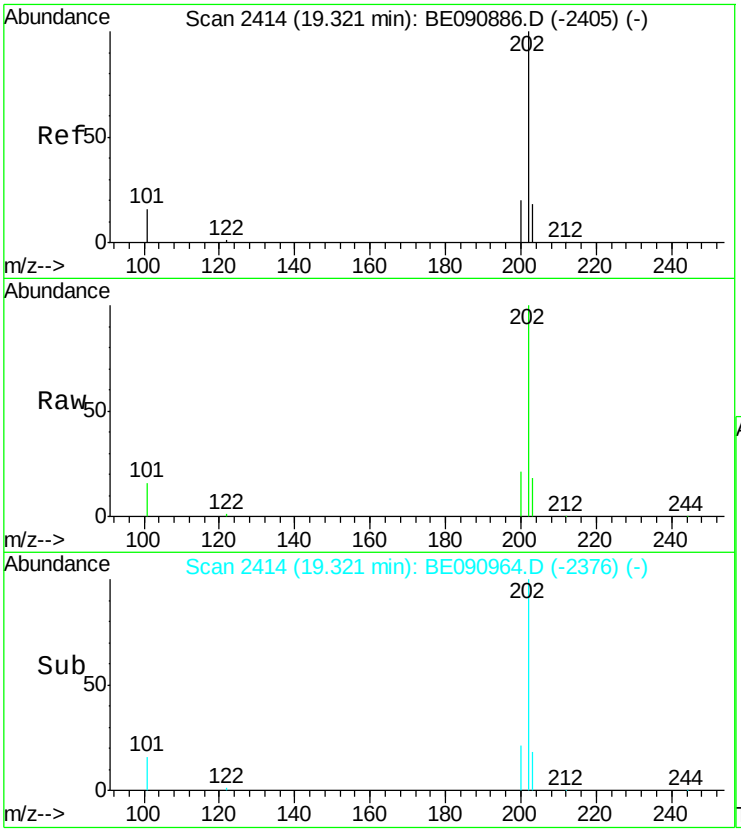


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2705
Delta R.T. 0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:240 Resp: 214332

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.1	15.1
236	27.1	21.9	32.9



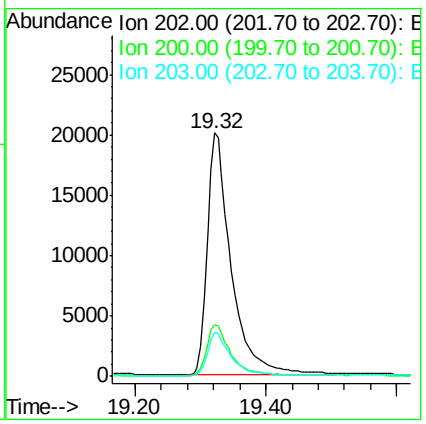


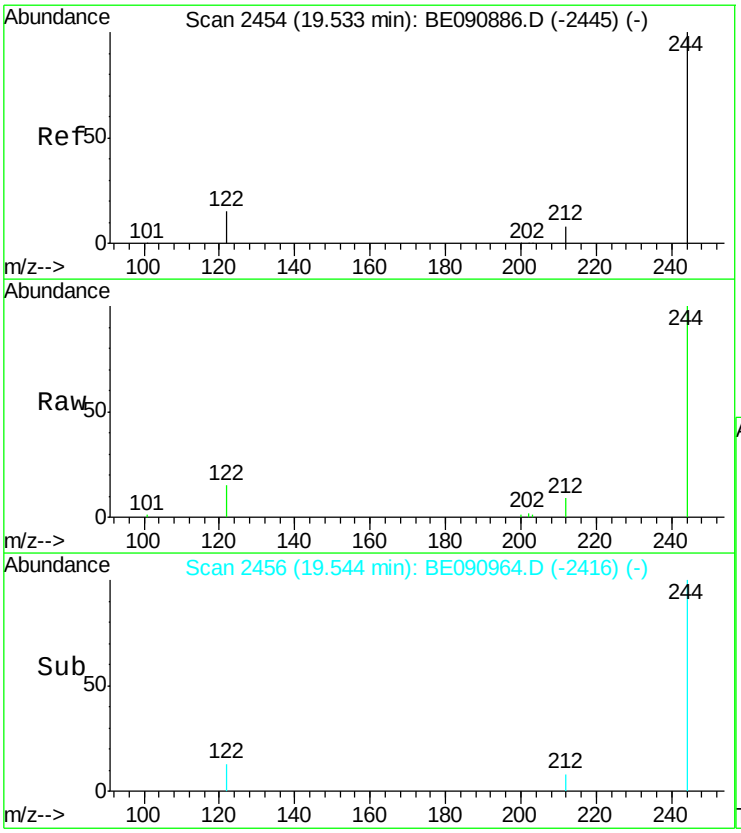
#27
Pyrene
Concen: 1.04 ng
RT: 19.32 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 50954

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.6	13.8	20.6

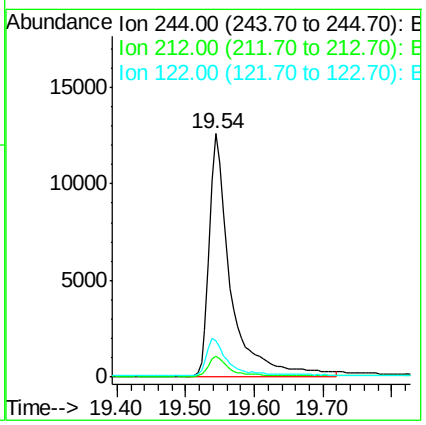


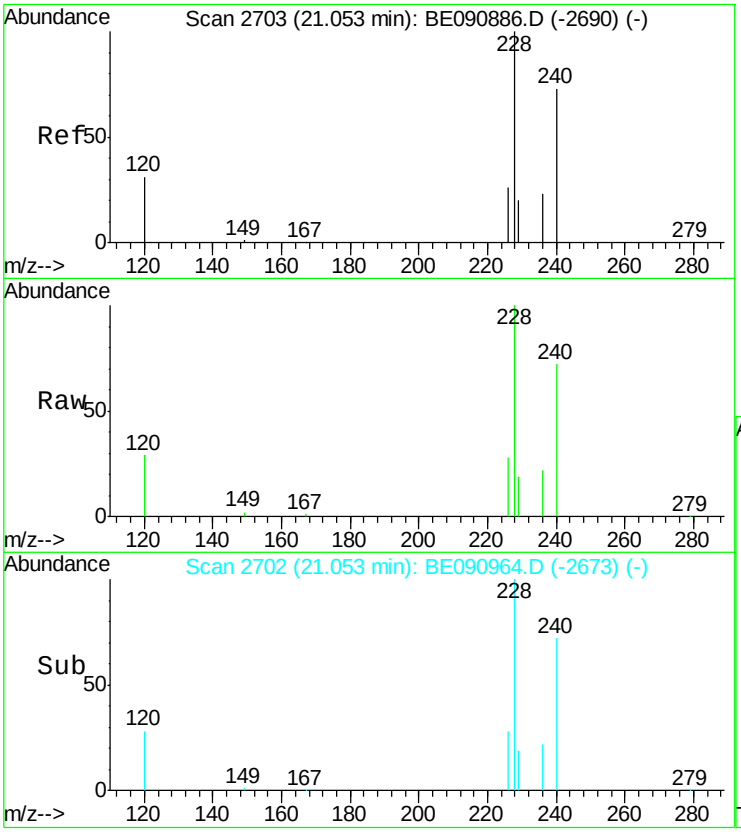


#28
Terphenyl-d14
Concen: 1.06 ng
RT: 19.54 min Scan# 2456
Delta R.T. 0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:244 Resp: 26897

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	14.7	12.9	19.3



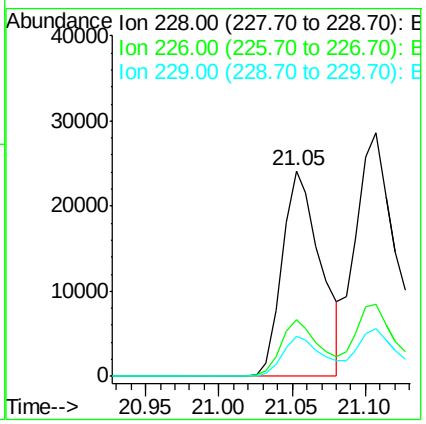


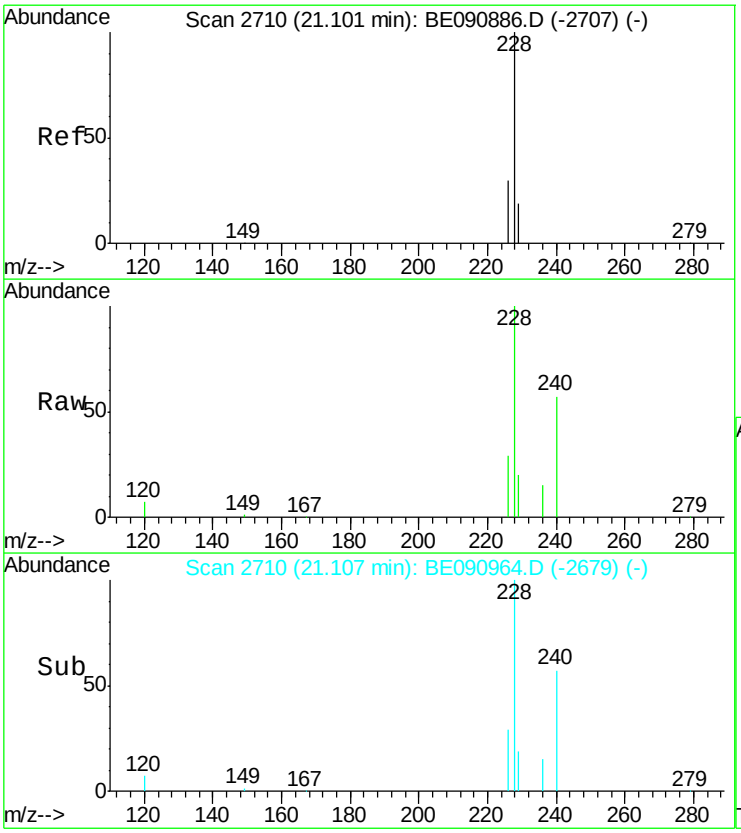
#29
Benzo(a)anthracene
Concen: 0.83 ng
RT: 21.05 min Scan# 2702
Delta R.T. -0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 43942

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.6	32.4
229	19.3	15.9	23.9

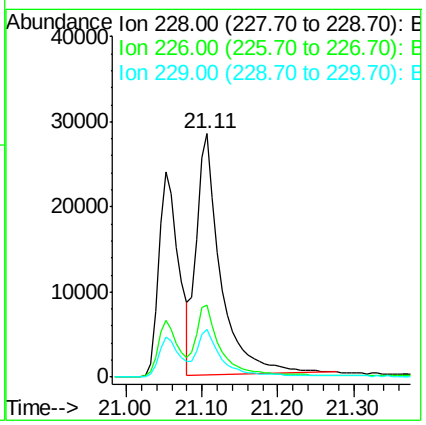


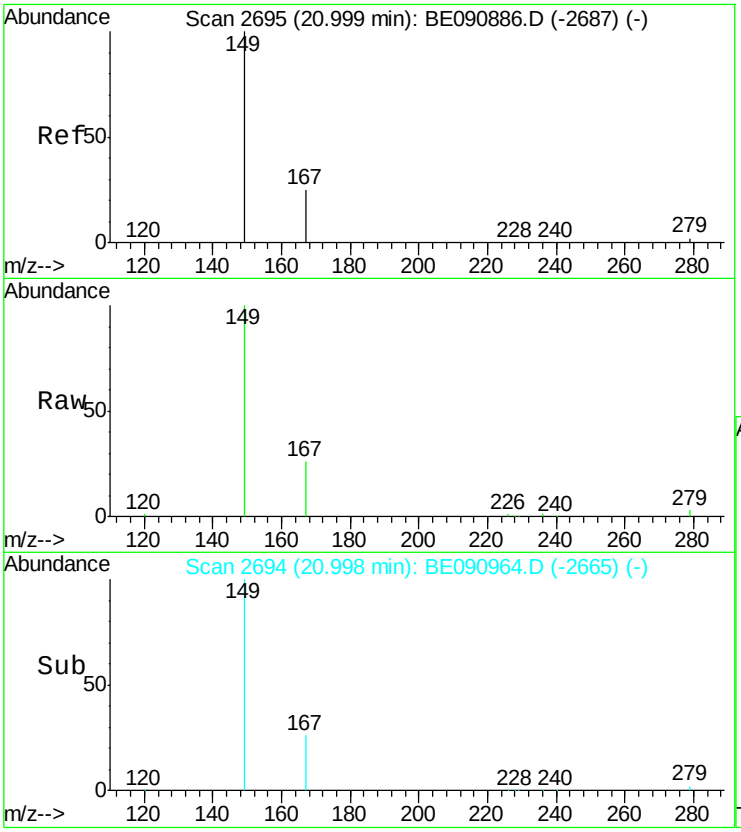


#30
Chrysene
Concen: 1.16 ng
RT: 21.11 min Scan# 2710
Delta R.T. 0.01 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:228 Resp: 62648

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.2	36.4
229	19.6	15.3	22.9



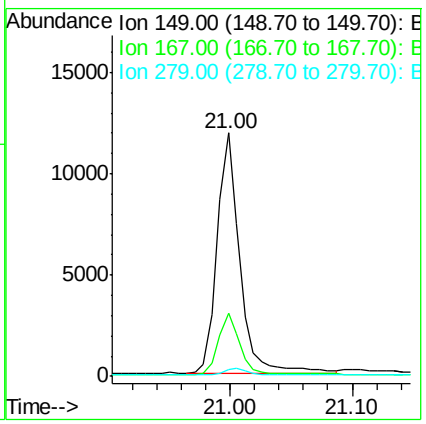


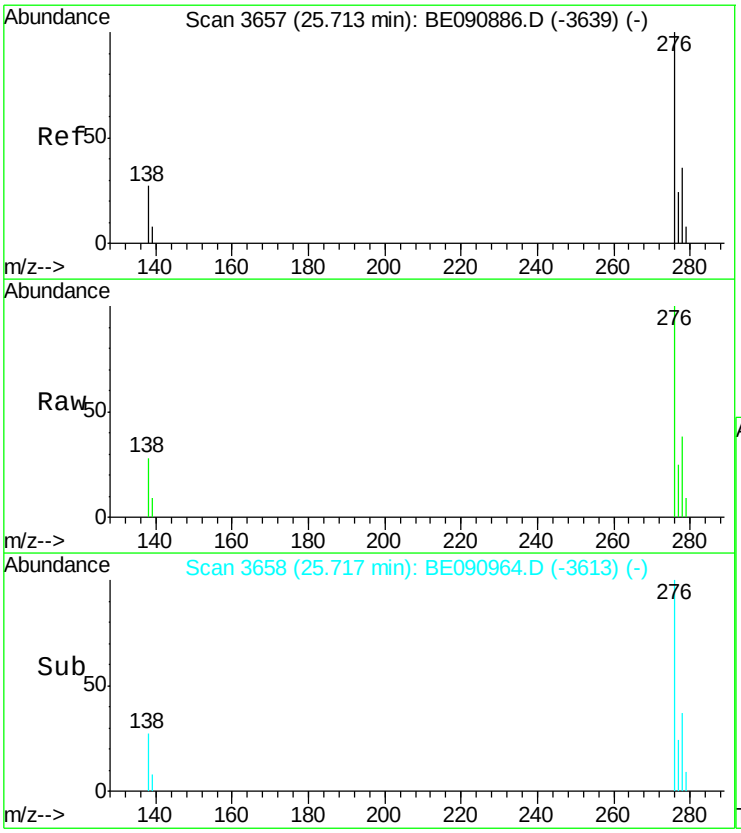
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.77 ng
RT: 21.00 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 15233

Ion	Ratio	Lower	Upper
149	100		
167	24.8	20.1	30.1
279	3.1	2.3	3.5

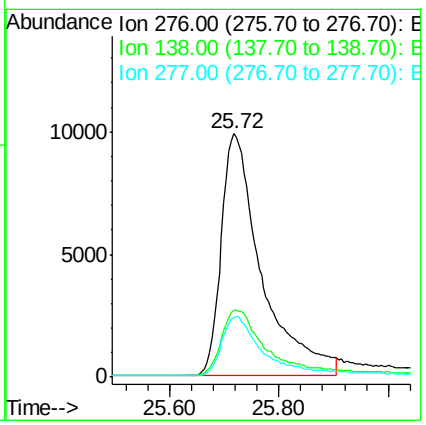


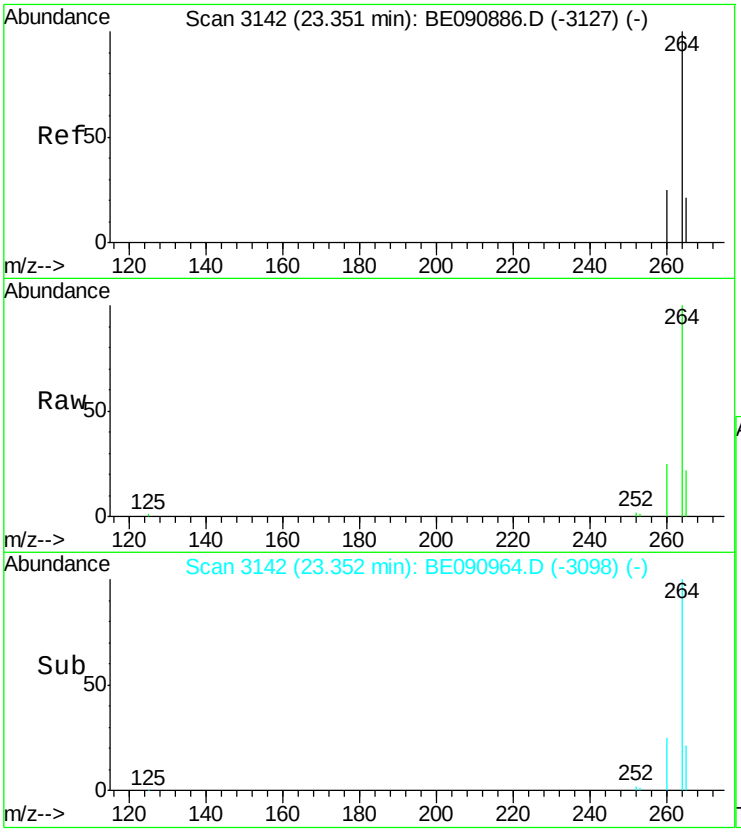


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.81 ng
RT: 25.72 min Scan# 3658
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:276 Resp: 50809

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.3	34.9
277	25.0	19.8	29.6



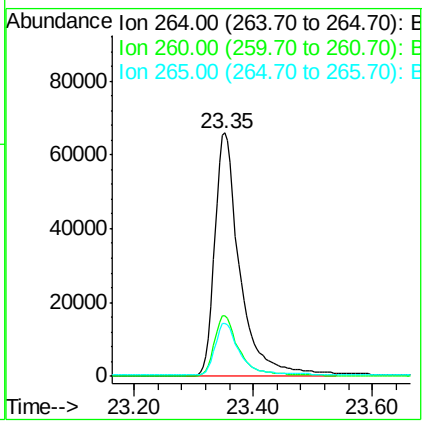


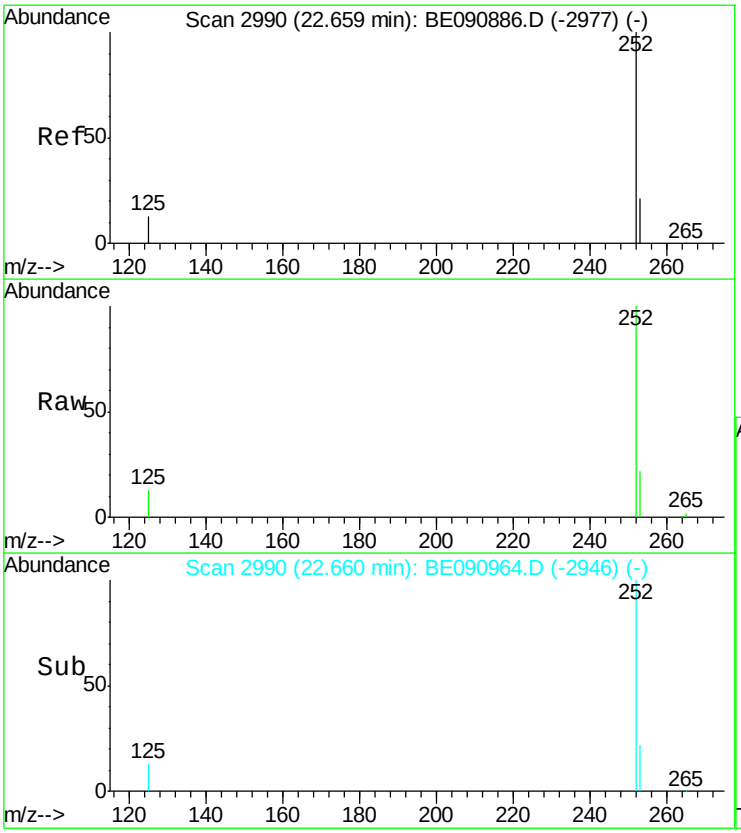
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 194255

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	21.8	17.5	26.3

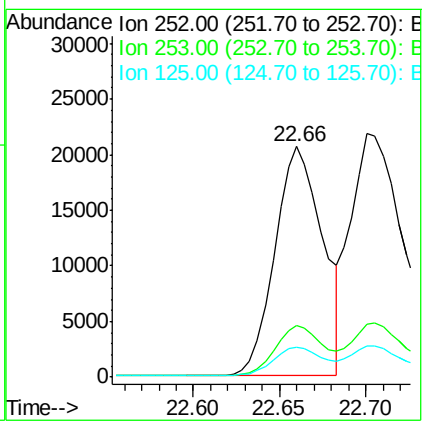


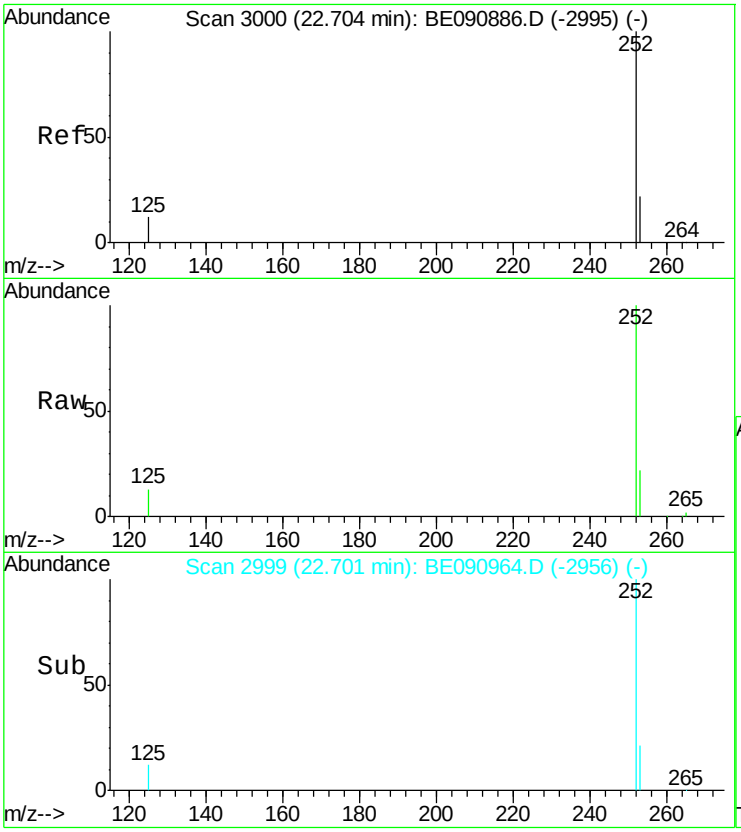


#34
Benzo(b)fluoranthene
Concen: 0.87 ng
RT: 22.66 min Scan# 2990
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:252 Resp: 39777

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.2	10.6	16.0



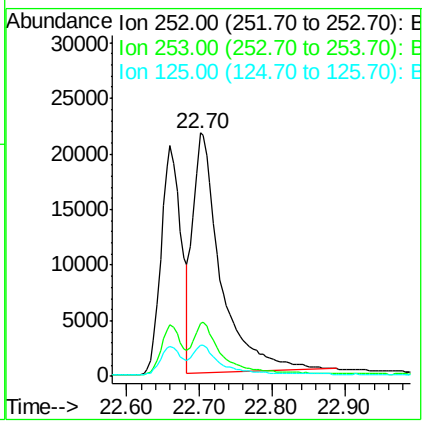


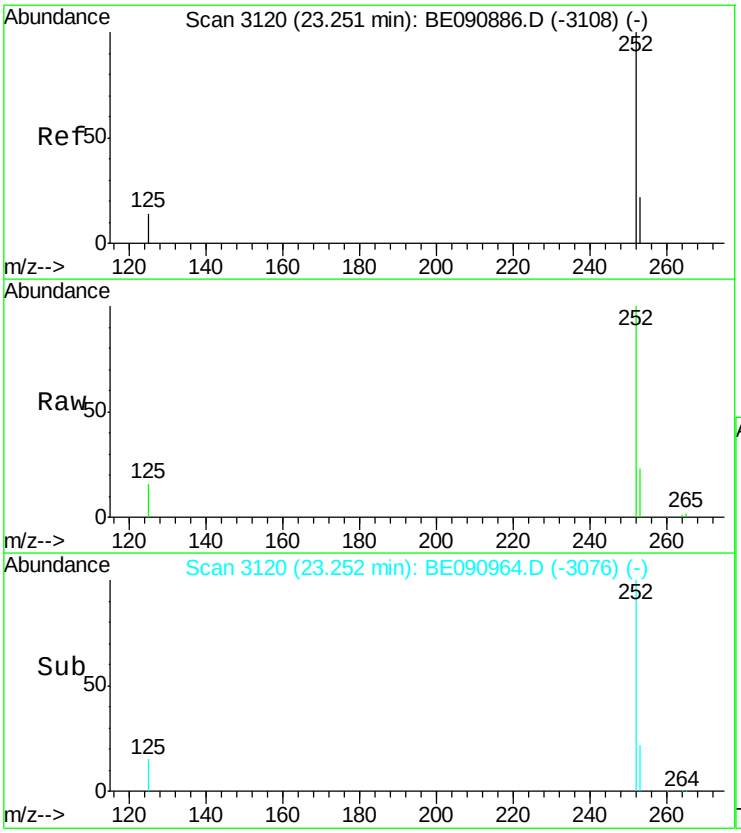
#35
Benzo(k)fluoranthene
Concen: 1.10 ng
RT: 22.70 min Scan# 2999
Delta R.T. -0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 57381

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.9	10.1	15.1

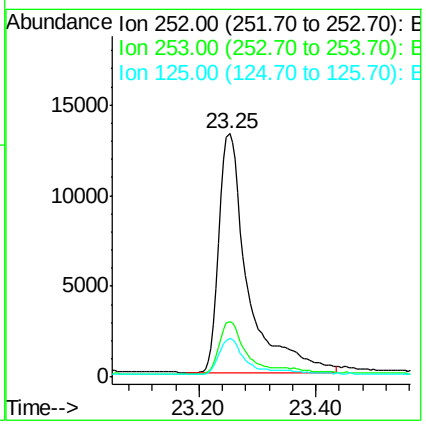


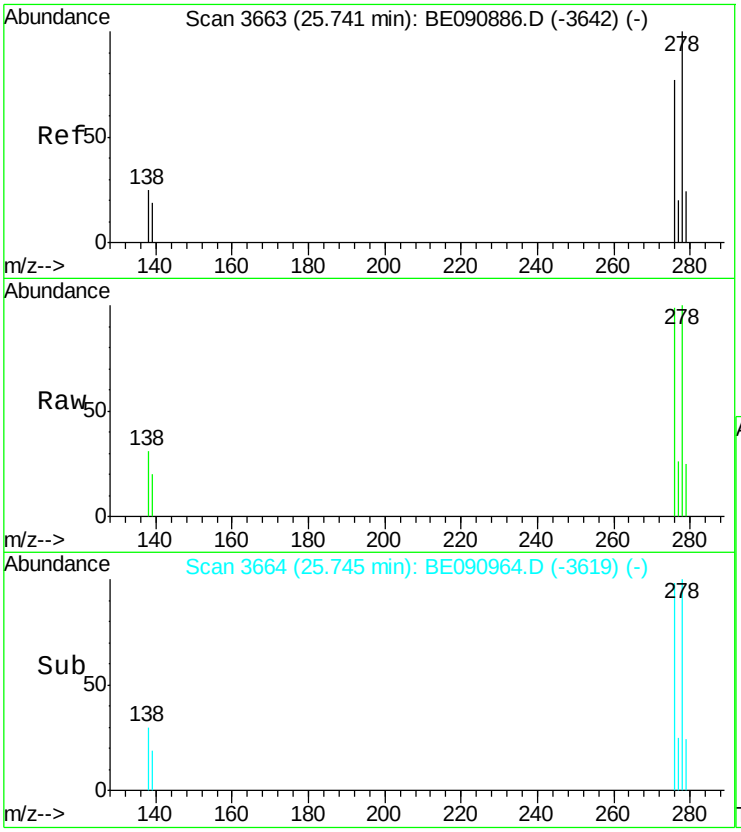


#36
Benzo(a)pyrene
Concen: 1.04 ng
RT: 23.25 min Scan# 3120
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:252 Resp: 44964

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	15.7	18.0	27.0#



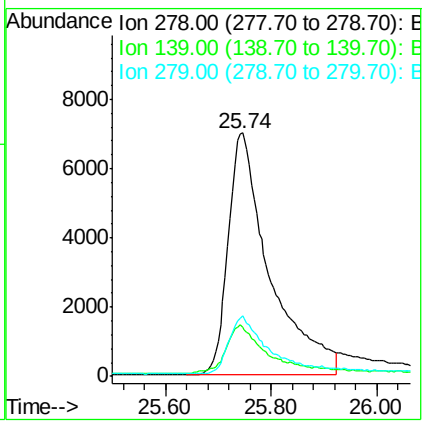


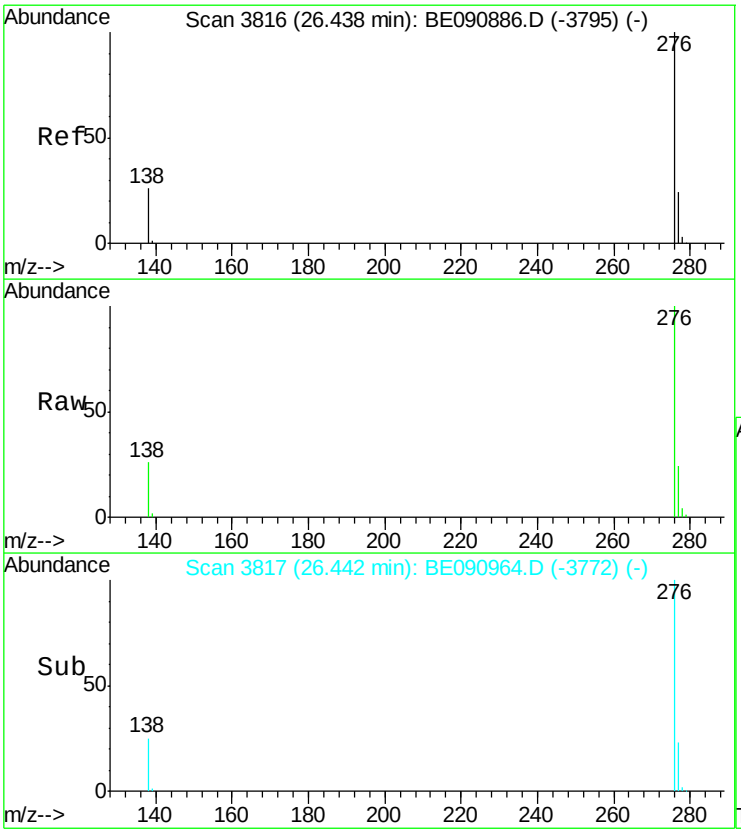
#37
Dibenzo(a,h)anthracene
Concen: 0.85 ng
RT: 25.74 min Scan# 3664
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 38069

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.4	23.0
279	24.6	18.8	28.2





#38
Benzo(g,h,i)perylene
Concen: 0.90 ng
RT: 26.44 min Scan# 3817
Delta R.T. 0.00 min
Lab File: BE090964.D
Acq: 24 Sep 2015 4:03

Tgt Ion:276 Resp: 43162

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	26.1	20.1	30.1