Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
Data File : BE090884.D
Acq On : 18 Sep 2015 14:05
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.5

Quant Time: Sep 18 15:58:31 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 15:49:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	29802	5.00	ng		0.00
7) Naphthalene-d8	10.30	136	130771	5.00	ng		0.00
13) Acenaphthene-d10	14.17	164	68425	5.00	ng		0.00
19) Phenanthrene-d10	16.91	188	165274	5.00	ng		0.00
26) Chrysene-d12	21.07	240	228190	5.00	ng		0.00
33) Perylene-d12	23.35	264	228558	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	3264	0.51	ng		0.00
5) Phenol-d6	6.77	99	3911	0.46	ng		0.01
8) Nitrobenzene-d5	8.71	82	3989	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.69	330	1111	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	8624	0.45	ng		0.00
28) Terphenyl-d14	19.53	244	12414	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	2229	0.48	ng		97
3) n-Nitrosodimethylamine	3.45	42	2679	0.43	ng	#	85
6) bis(2-Chloroethyl)ether	6.99	93	4117	0.42	ng		90
9) Nitrobenzene	8.75	77	4211	0.43	ng		97
10) Naphthalene	10.35	128	13306	0.46	ng		98
11) Hexachlorobutadiene	10.64	225	2004	0.45	ng		98
12) 2-Methylnaphthalene	12.00	142	7744	0.49	ng		99
16) Acenaphthylene	13.88	152	52186	0.47	ng		99
17) Acenaphthene	14.22	154	8161	0.44	ng		91
18) Fluorene	15.22	166	10032	0.44	ng		99
20) 4-Bromophenyl-phenylether	16.13	248	2760	0.47	ng		93
21) Hexachlorobenzene	16.23	284	13285	0.43	ng		99
22) Pentachlorophenol	16.60	266	1187	0.51	ng		90
23) Phenanthrene	16.95	178	18640	0.44	ng		100
24) Anthracene	17.05	178	16337	0.47	ng		98
25) Fluoranthene	18.96	202	21764	0.49	ng		100
27) Pyrene	19.32	202	22623	0.47	ng		100
29) Benzo(a)anthracene	21.05	228	24428	0.46	ng		99
30) Chrysene	21.10	228	27504	0.46	ng		99
31) Bis(2-ethylhexyl)phthalate	21.00	149	9073	0.53	ng		100
32) Indeno(1,2,3-cd)pyrene	25.72	276	28506	0.51	ng		99
34) Benzo(b)fluoranthene	22.66	252	23181	0.46	ng		98
35) Benzo(k)fluoranthene	22.71	252	26053	0.44	ng		98
36) Benzo(a)pyrene	23.25	252	21767	0.48	ng	#	91
37) Dibenzo(a,h)anthracene	25.74	278	22372	0.46	ng		97
38) Benzo(g,h,i)perylene	26.44	276	24516	0.47	ng		96

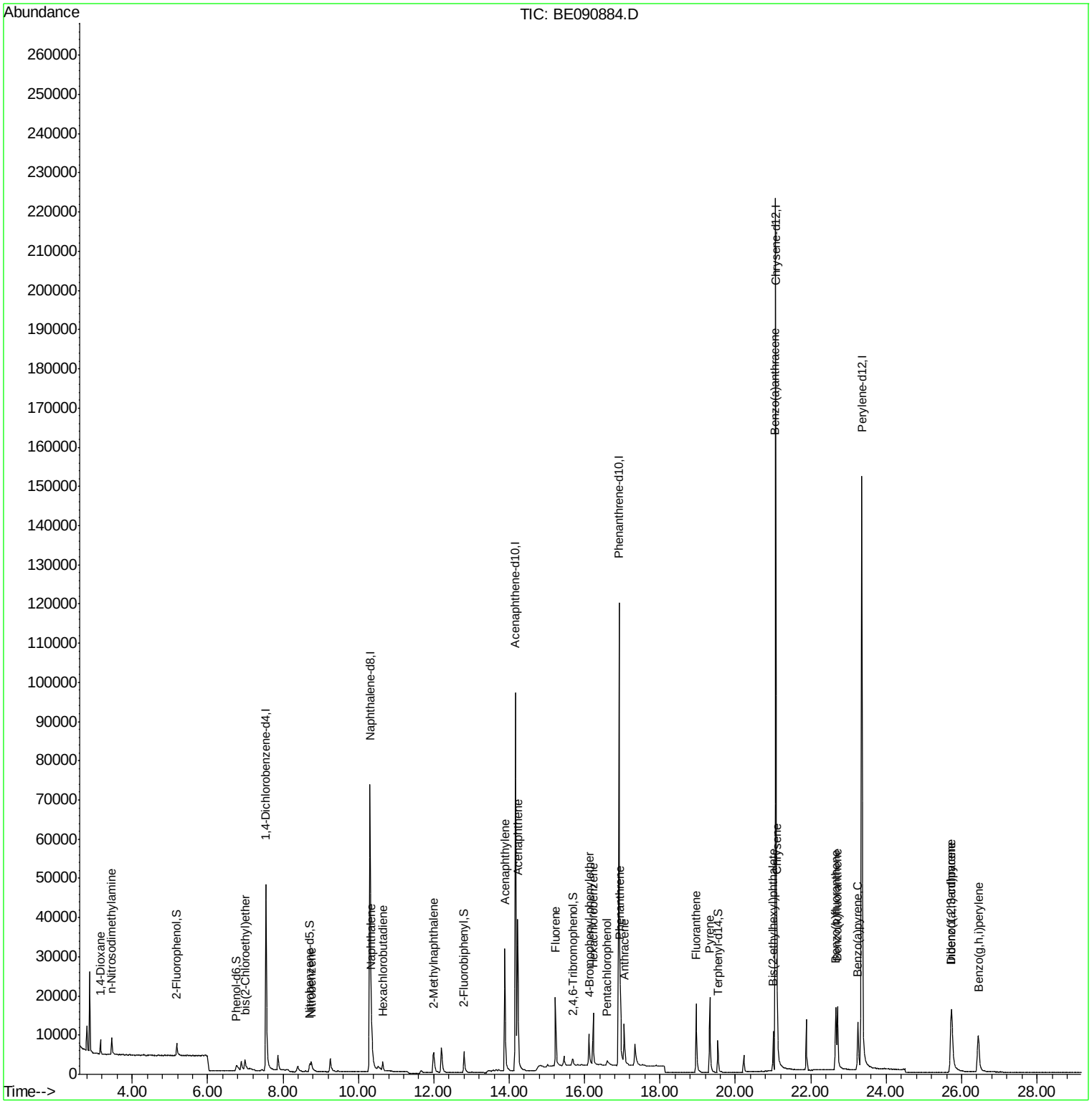
(#) = qualifier out of range (m) = manual integration (+) = signals summed

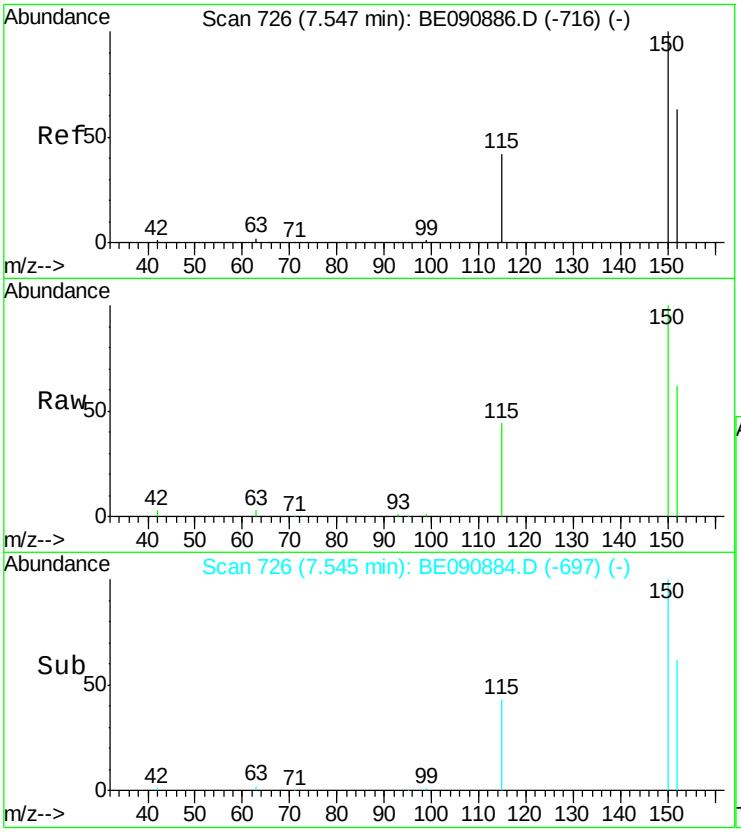
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
Data File : BE090884.D
Acq On : 18 Sep 2015 14:05
Operator : UM/IZ
Sample : SSTDICC0.5
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Quant Time: Sep 18 15:58:31 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 15:49:17 2015
Response via : Initial Calibration



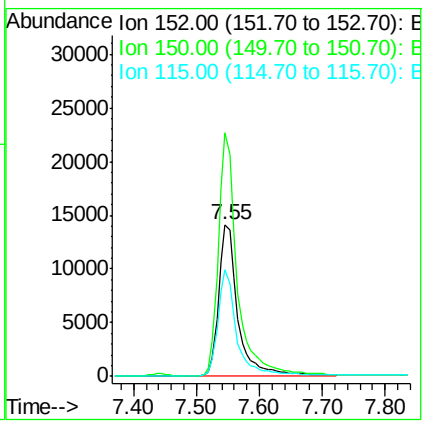


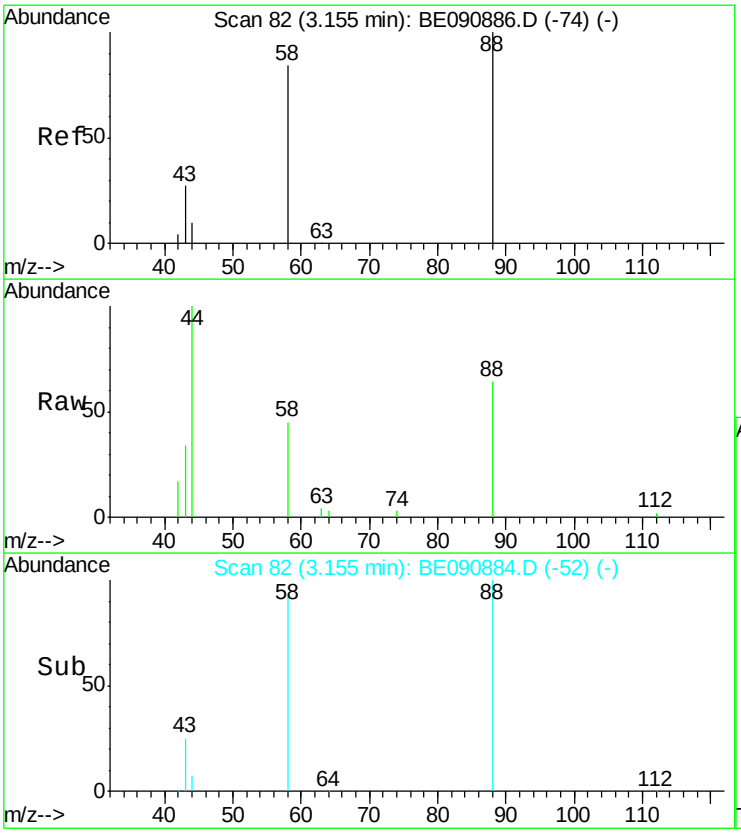
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:152 Resp: 29802

Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.2	183.4
115	69.9	51.0	76.4

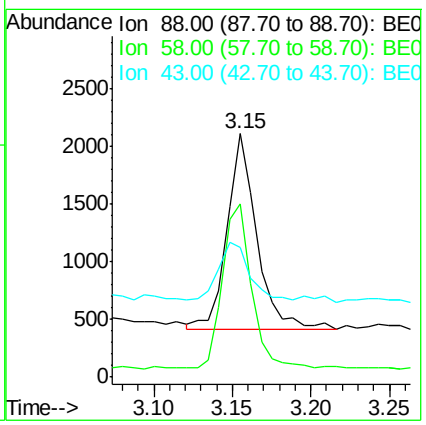


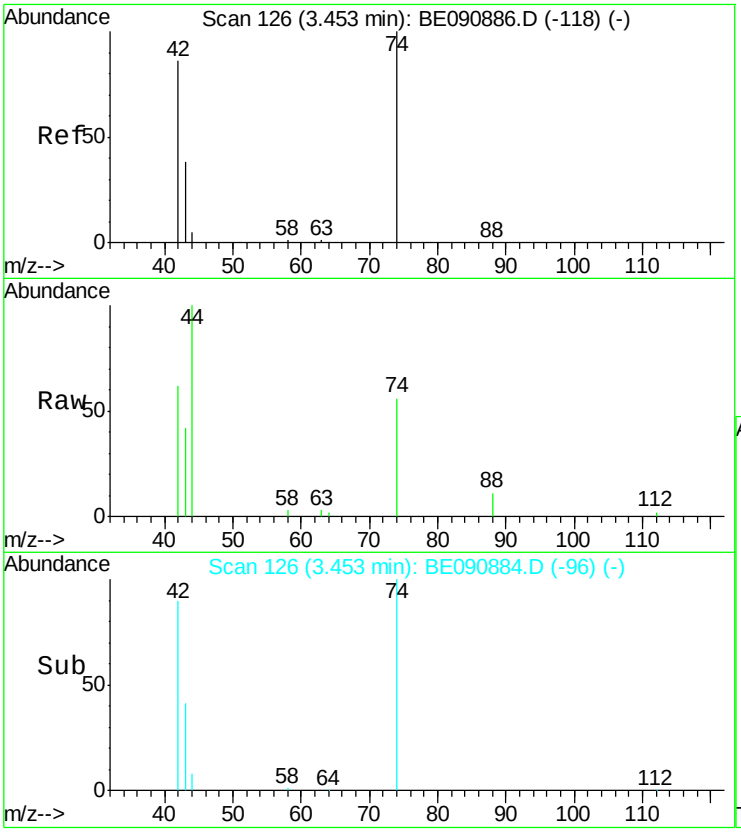


#2
1,4-Dioxane
Concen: 0.48 ng
RT: 3.15 min Scan# 82
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion: 88 Resp: 2229

Ion	Ratio	Lower	Upper
88	100		
58	82.8	68.4	102.6
43	32.7	26.9	40.3



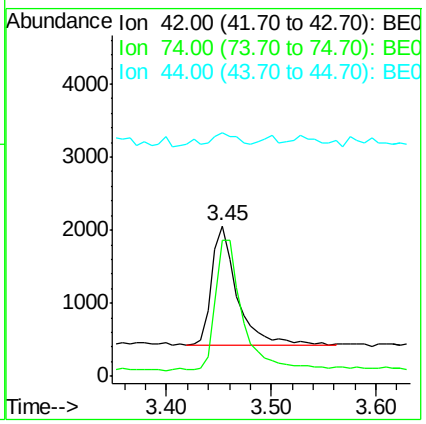


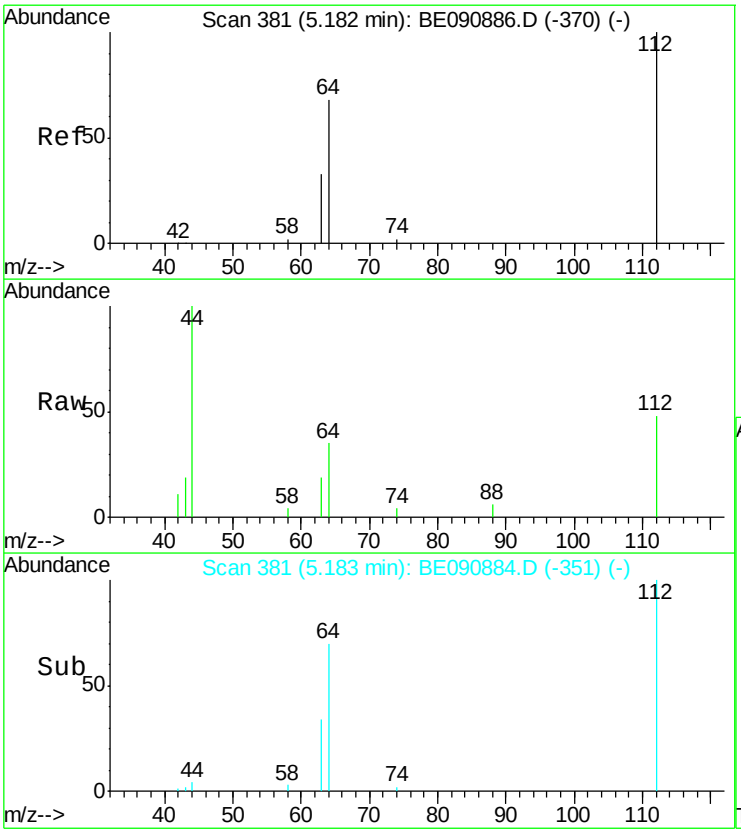
#3
n-Nitrosodimethylamine
Concen: 0.43 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 42 Resp: 2679

Ion	Ratio	Lower	Upper
42	100		
74	120.4	83.7	125.5
44	8.5	10.0	15.0#

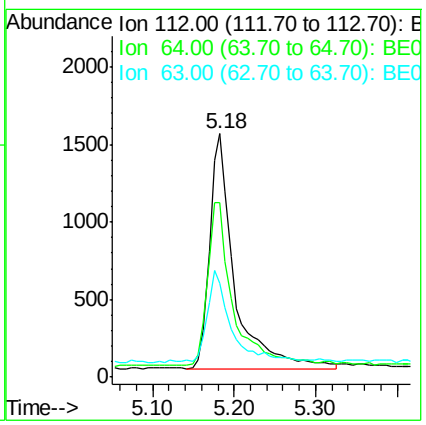


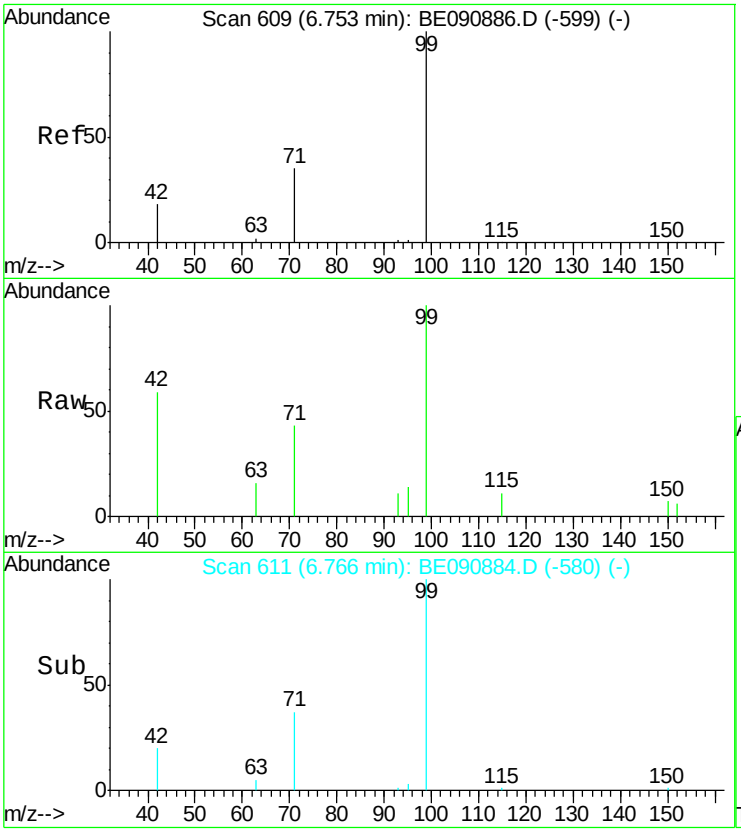


#4
2-Fluorophenol
Concen: 0.51 ng
RT: 5.18 min Scan# 381
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:112 Resp: 3264

Ion	Ratio	Lower	Upper
112	100		
64	69.9	57.3	85.9
63	36.5	29.2	43.8



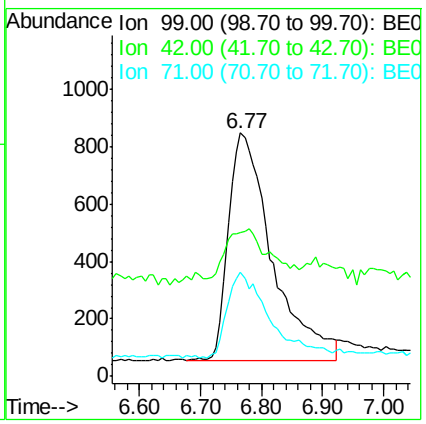


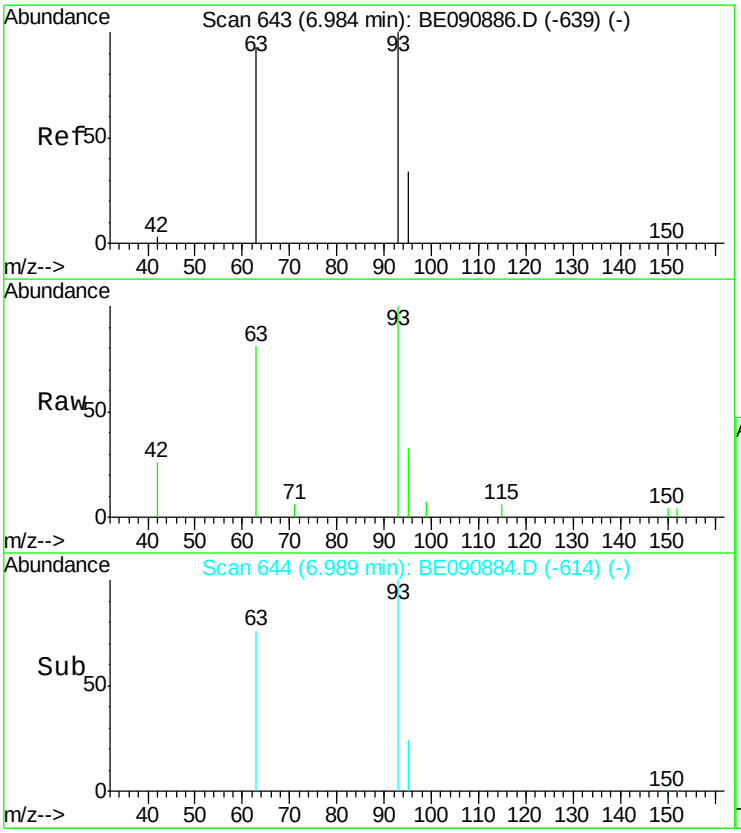
#5
Phenol-d6
Concen: 0.46 ng
RT: 6.77 min Scan# 611
Delta R.T. 0.01 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 99 Resp: 3911

Ion	Ratio	Lower	Upper
99	100		
42	21.8	16.8	25.2
71	36.4	28.3	42.5

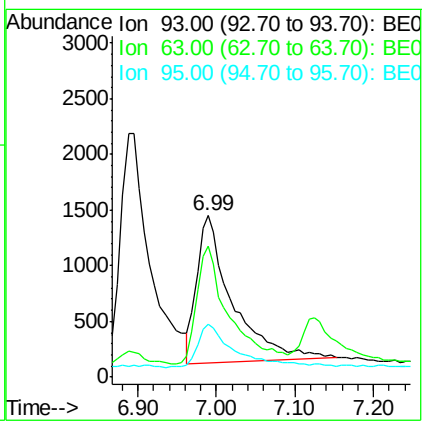


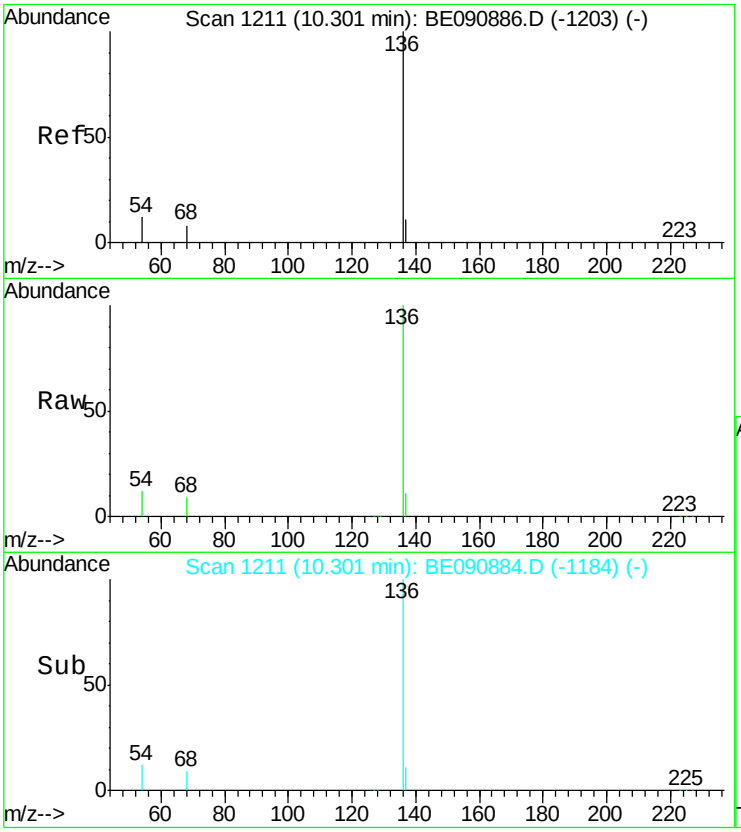


#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 6.99 min Scan# 644
Delta R.T. 0.01 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion: 93 Resp: 4117

Ion	Ratio	Lower	Upper
93	100		
63	74.7	68.5	102.7
95	30.9	26.9	40.3



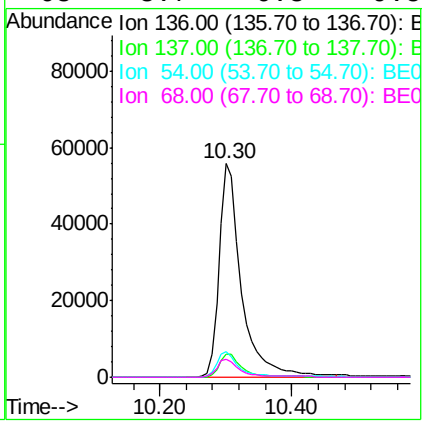


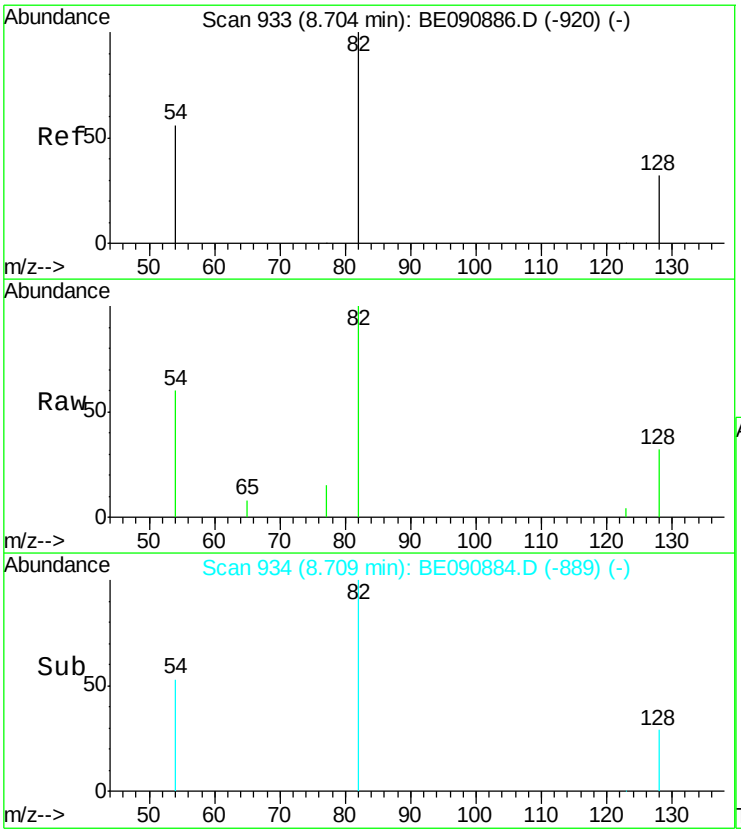
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.30 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:136 Resp: 130771

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.1	9.0	13.6
68	8.7	6.3	9.5

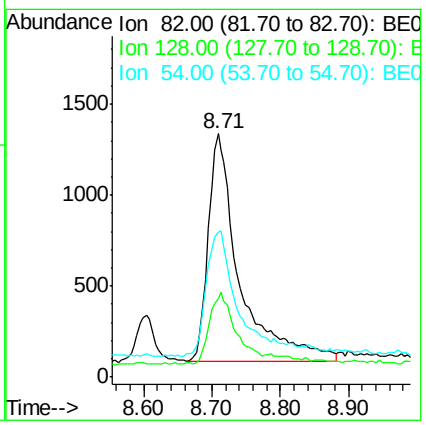


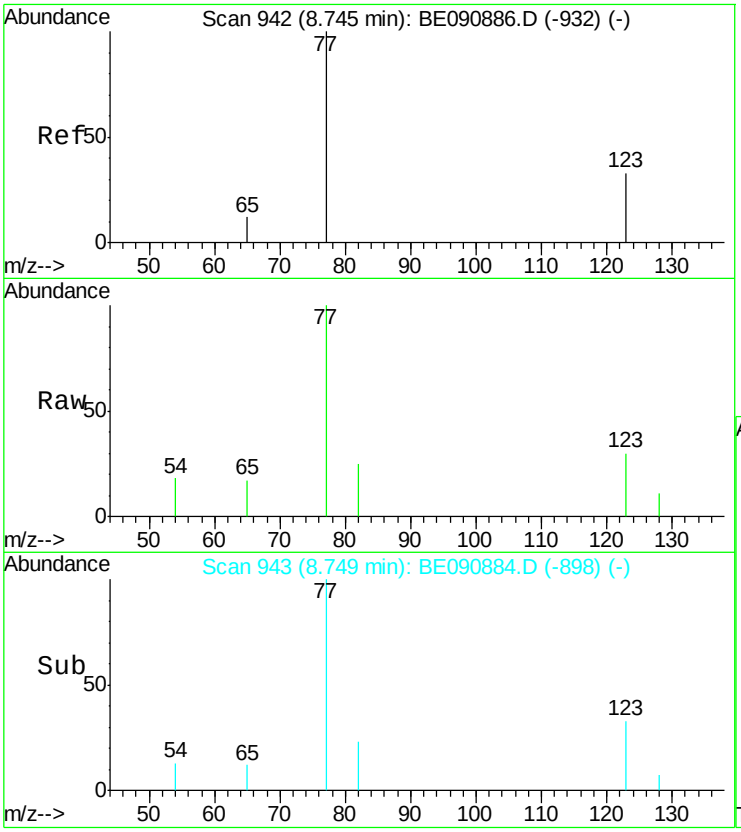


#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.71 min Scan# 934
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion: 82 Resp: 3989

Ion	Ratio	Lower	Upper
82	100		
128	32.2	25.0	37.4
54	59.6	46.3	69.5



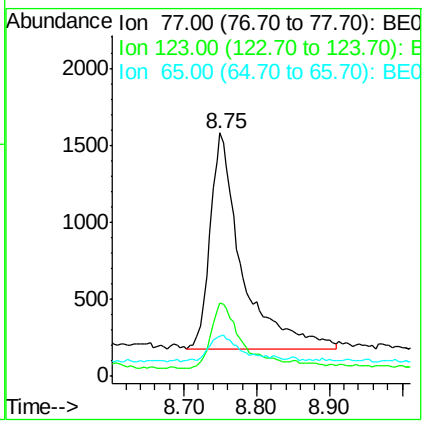


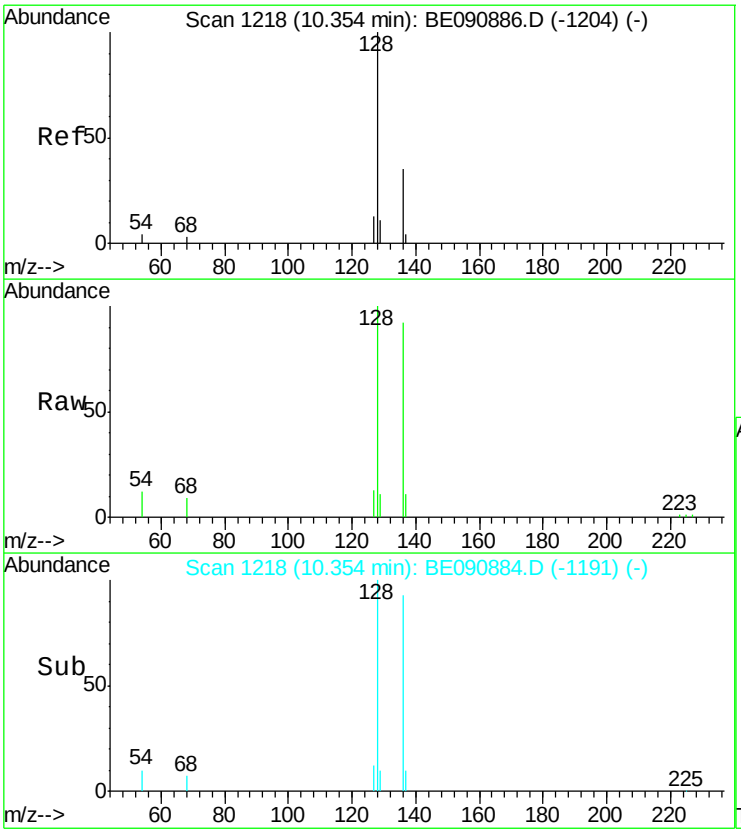
#9
Nitrobenzene
Concen: 0.43 ng
RT: 8.75 min Scan# 943
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion: 77 Resp: 4211

Ion	Ratio	Lower	Upper
77	100		
123	29.2	25.1	37.7
65	11.9	9.9	14.9

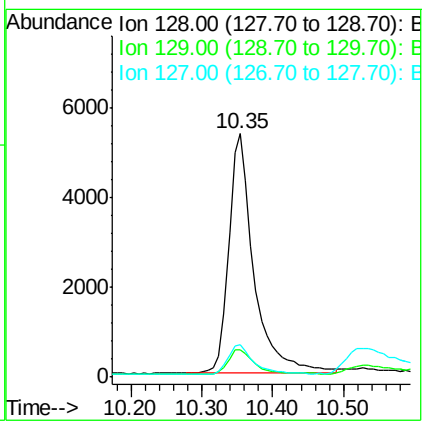


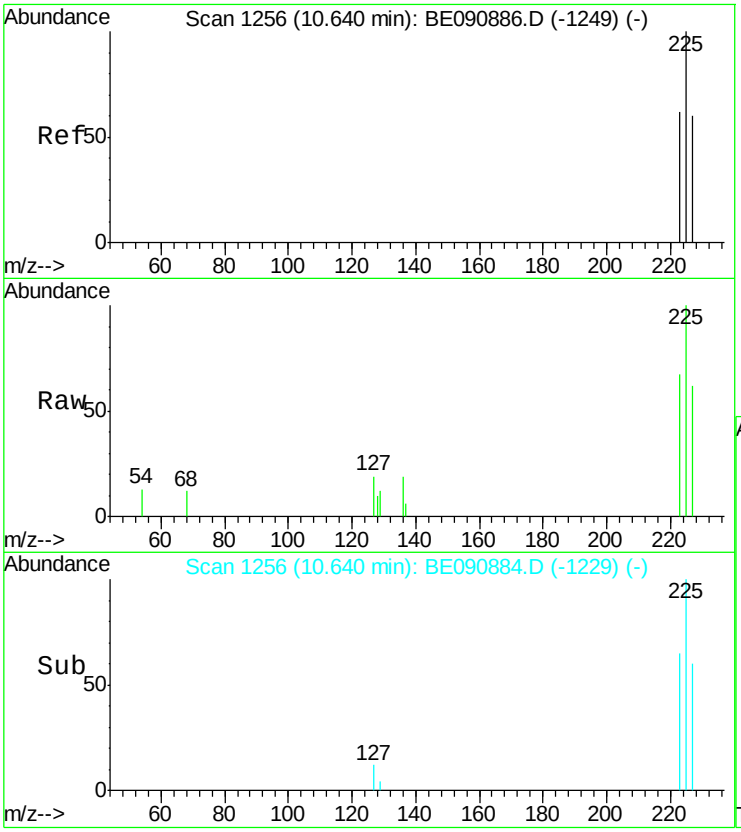


#10
Naphthalene
Concen: 0.46 ng
RT: 10.35 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:128 Resp: 13306

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.3	9.9	14.9



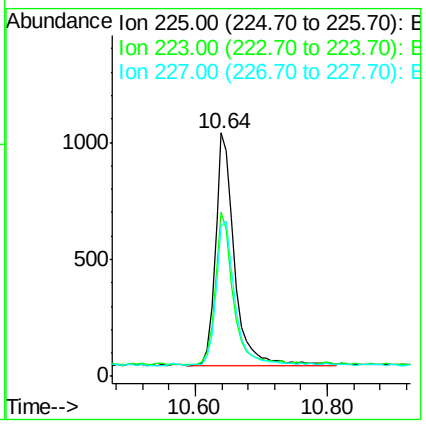


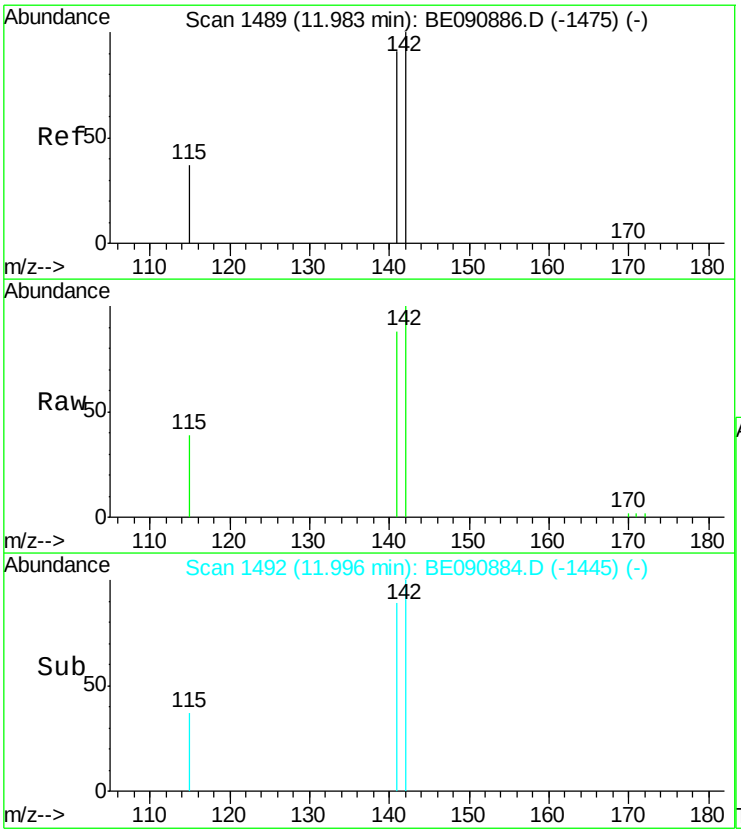
#11
Hexachlorobutadiene
Concen: 0.45 ng
RT: 10.64 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:225 Resp: 2004

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	62.0	51.0	76.6

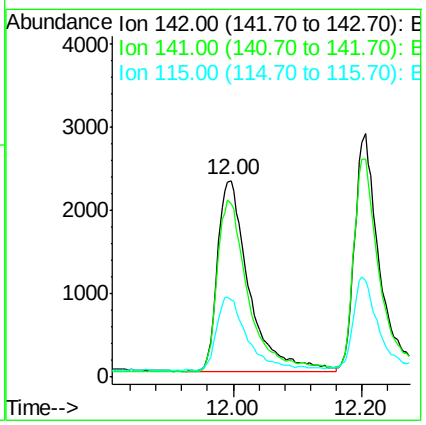


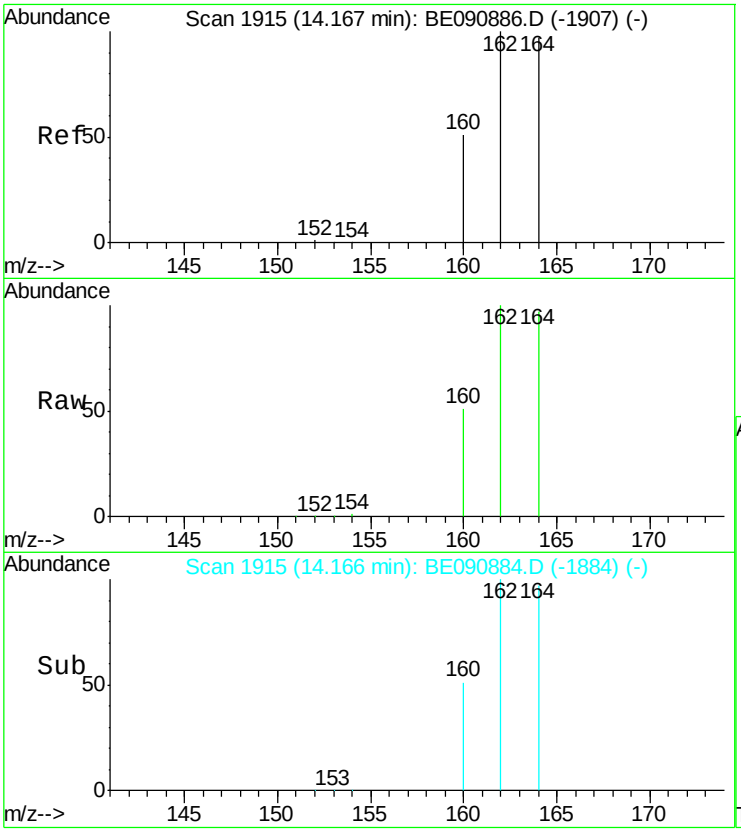


#12
2-Methylnaphthalene
Concen: 0.49 ng
RT: 12.00 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:142 Resp: 7744

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2
115	39.2	31.0	46.4



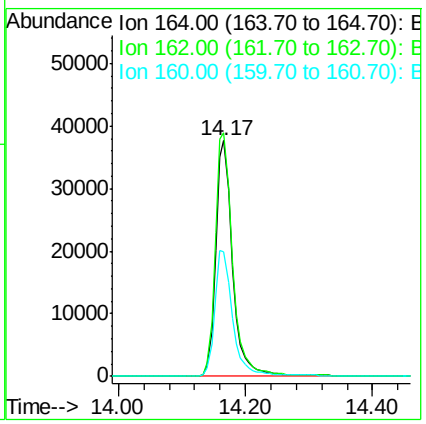


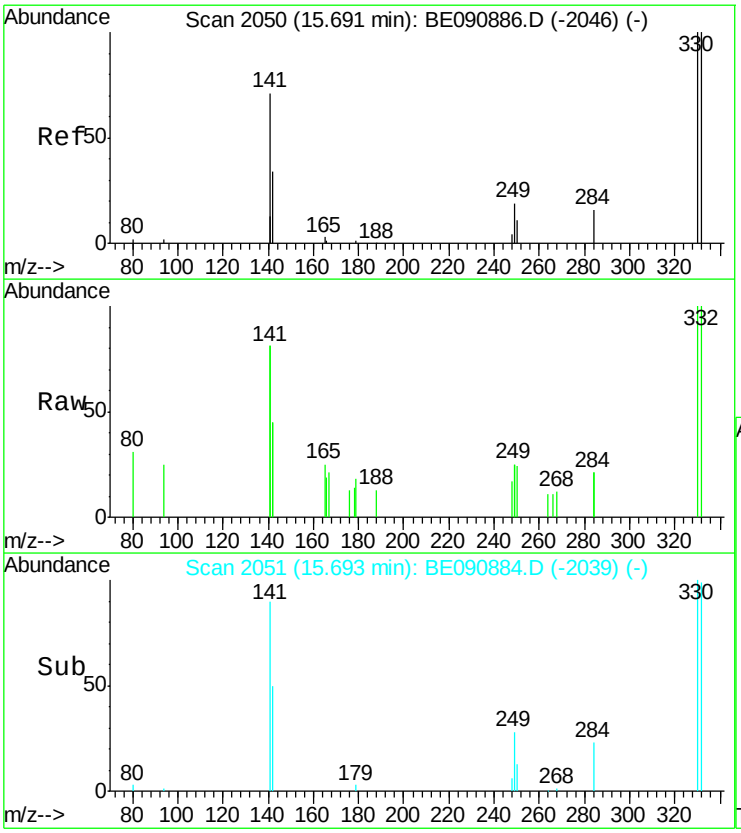
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:164 Resp: 68425

Ion	Ratio	Lower	Upper
164	100		
162	103.3	86.8	130.2
160	53.1	53.9	80.9#

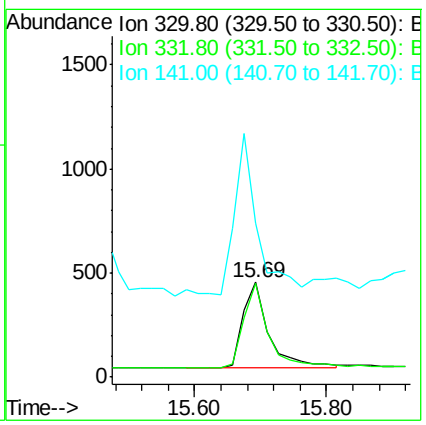


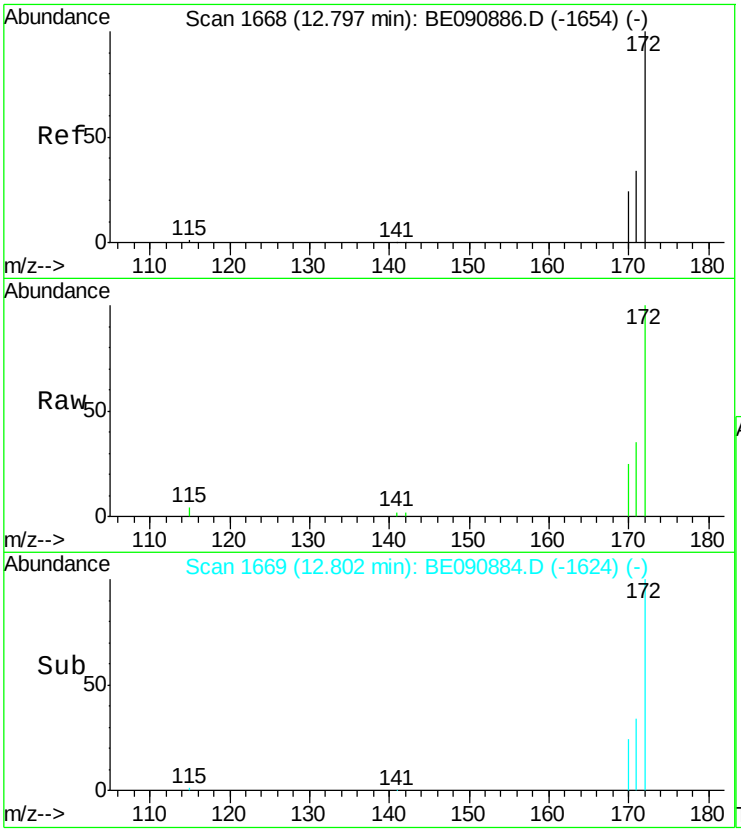


#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.69 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:330 Resp: 1111

Ion	Ratio	Lower	Upper
330	100		
332	95.7	74.9	112.3
141	160.5	145.2	217.8



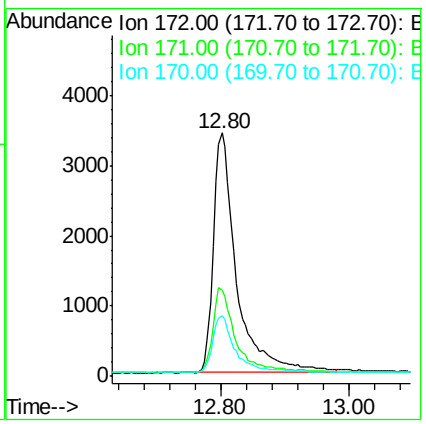


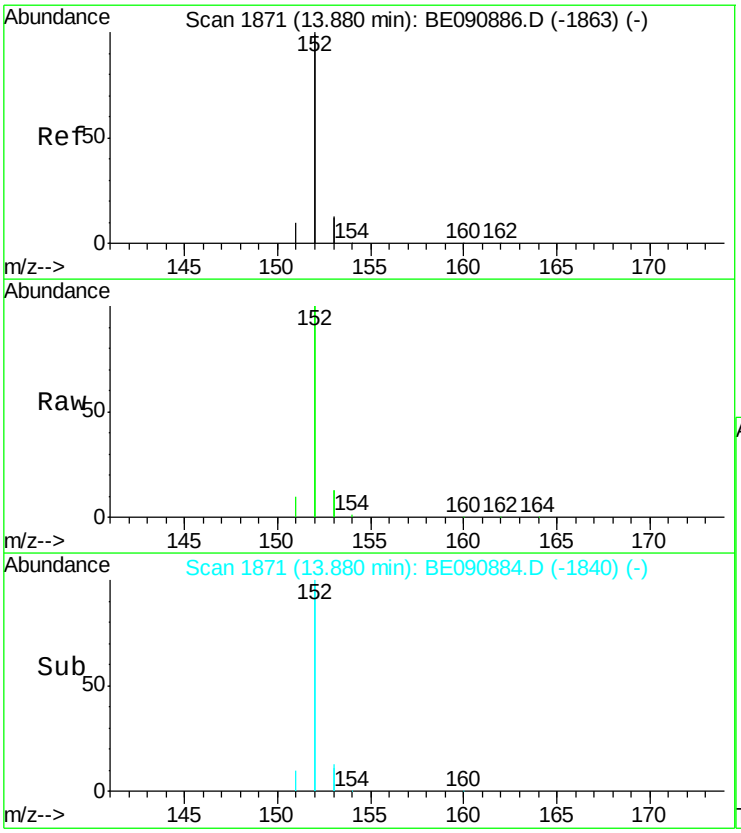
#15
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 12.80 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:172 Resp: 8624

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.8
170	25.1	19.8	29.6

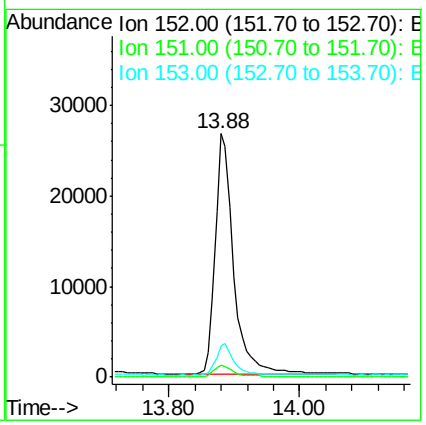


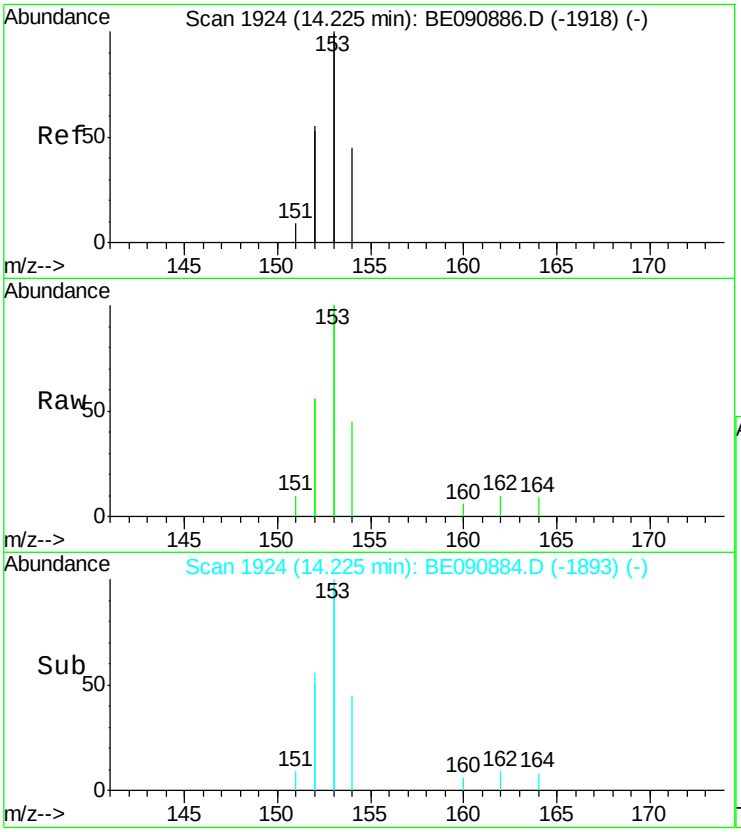


#16
Acenaphthylene
Concen: 0.47 ng
RT: 13.88 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:152 Resp: 52186

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	12.4	10.3	15.5



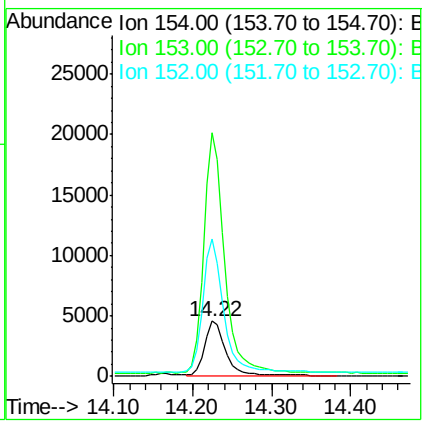


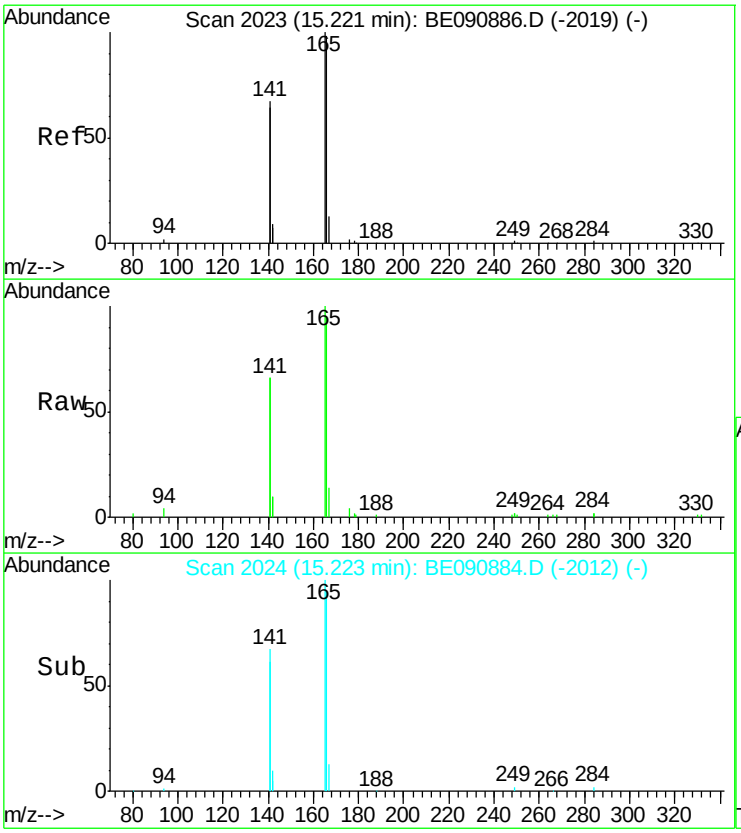
#17
Acenaphthene
Concen: 0.44 ng
RT: 14.22 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:154 Resp: 8161

Ion	Ratio	Lower	Upper
154	100		
153	445.5	354.5	531.7
152	245.1	227.8	341.6

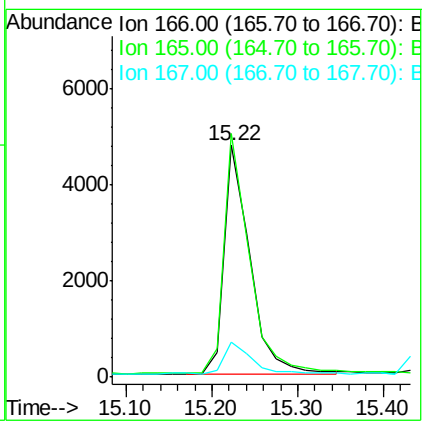


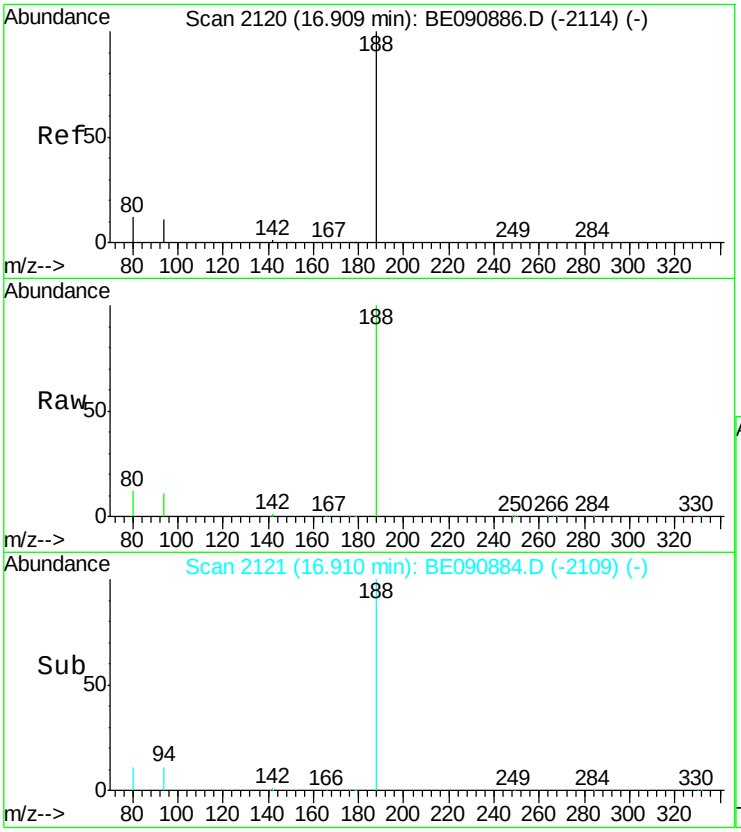


#18
Fluorene
Concen: 0.44 ng
RT: 15.22 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:166 Resp: 10032

Ion	Ratio	Lower	Upper
166	100		
165	103.9	82.7	124.1
167	14.5	10.7	16.1



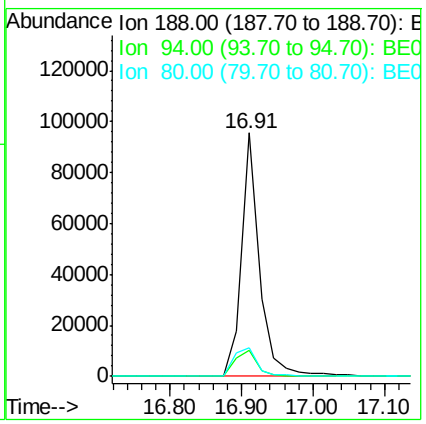


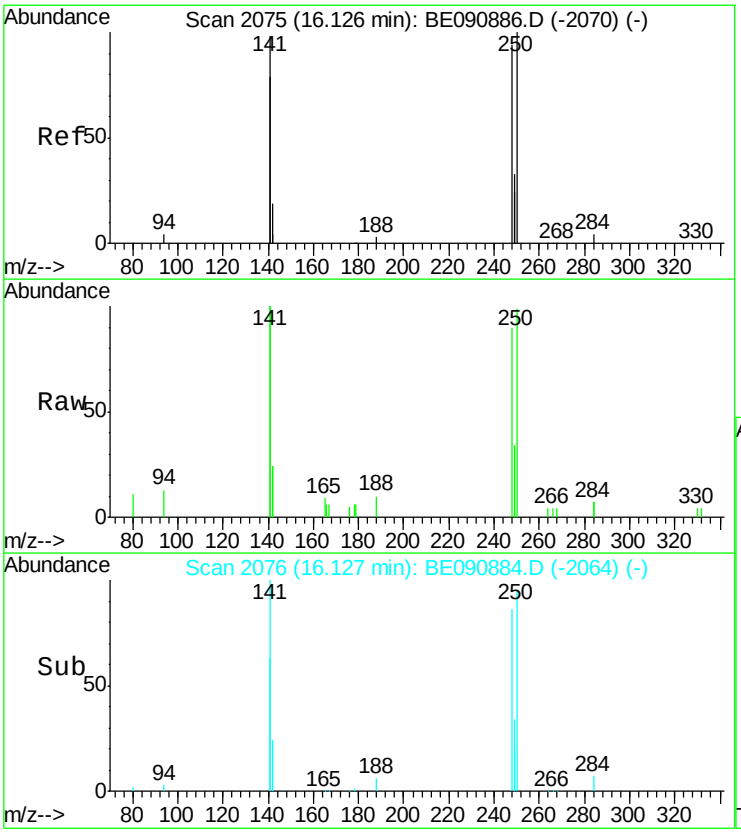
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:188 Resp: 165274

Ion	Ratio	Lower	Upper
188	100		
94	10.9	10.3	15.5
80	11.6	11.0	16.6

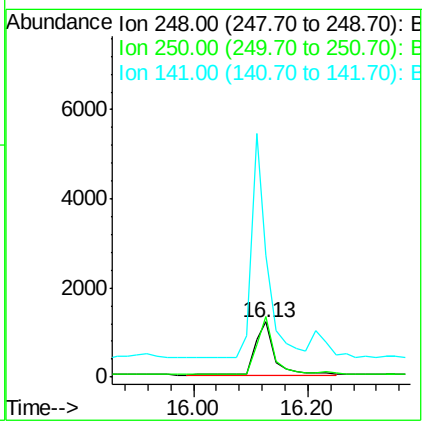


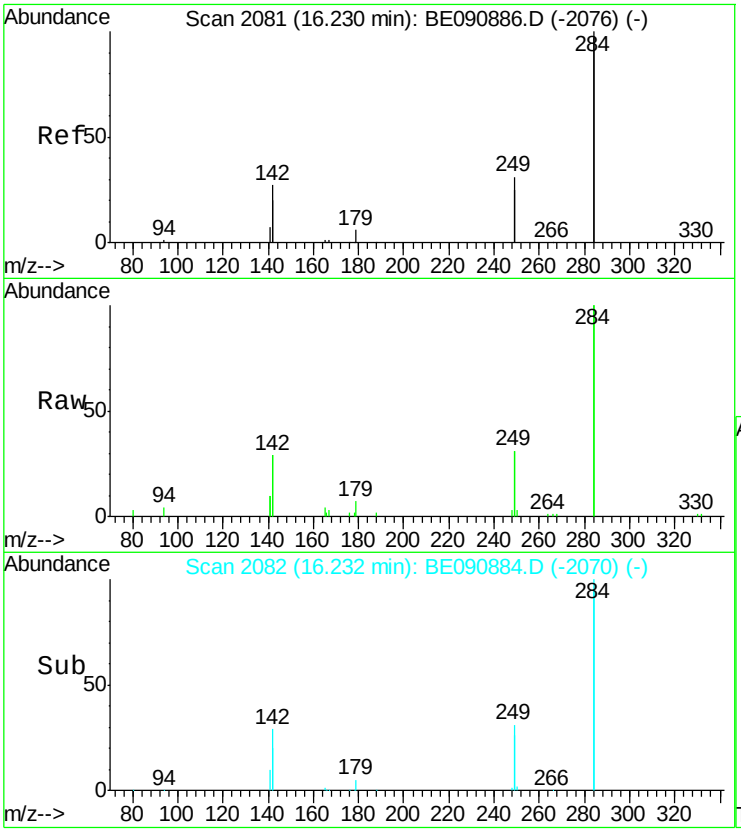


#20
4-Bromophenyl-phenylether
Concen: 0.47 ng
RT: 16.13 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:248 Resp: 2760

Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	345.9	292.6	439.0



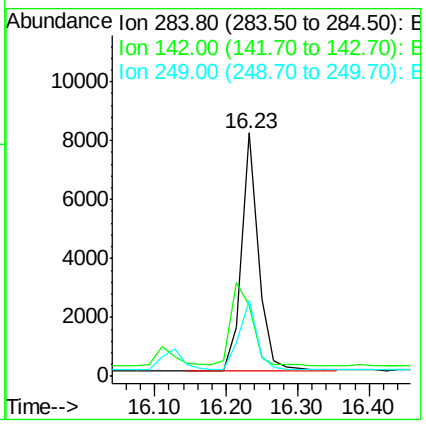


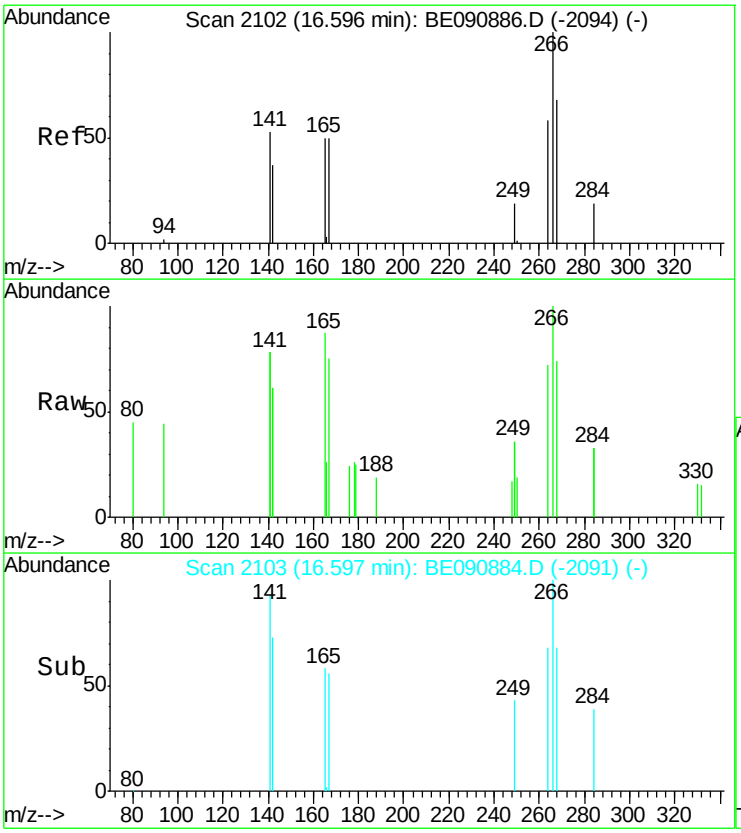
#21
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:284 Resp: 13285

Ion	Ratio	Lower	Upper
284	100		
142	43.7	35.0	52.4
249	30.8	25.5	38.3

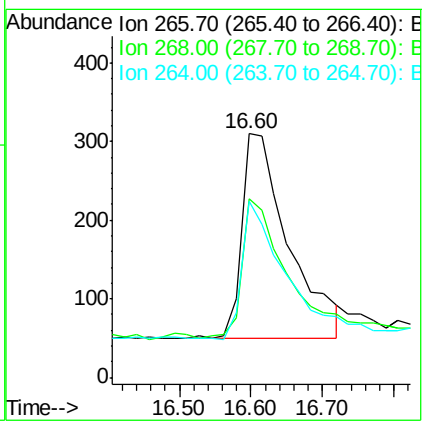


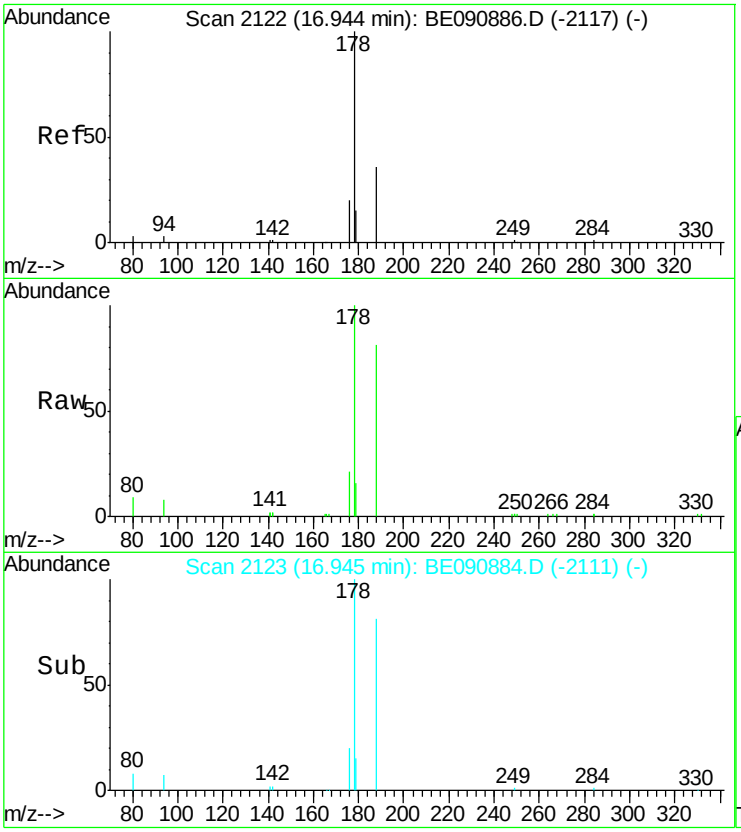


#22
Pentachlorophenol
Concen: 0.51 ng
RT: 16.60 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:266 Resp: 1187

Ion	Ratio	Lower	Upper
266	100		
268	73.5	49.6	74.4
264	72.3	53.9	80.9



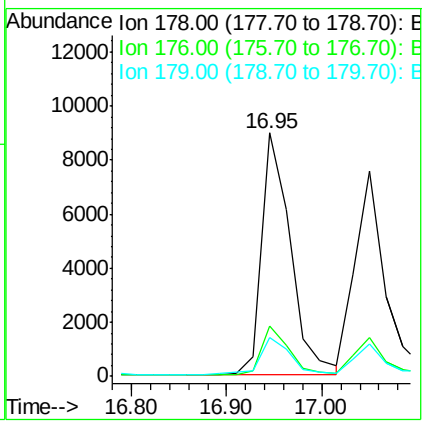


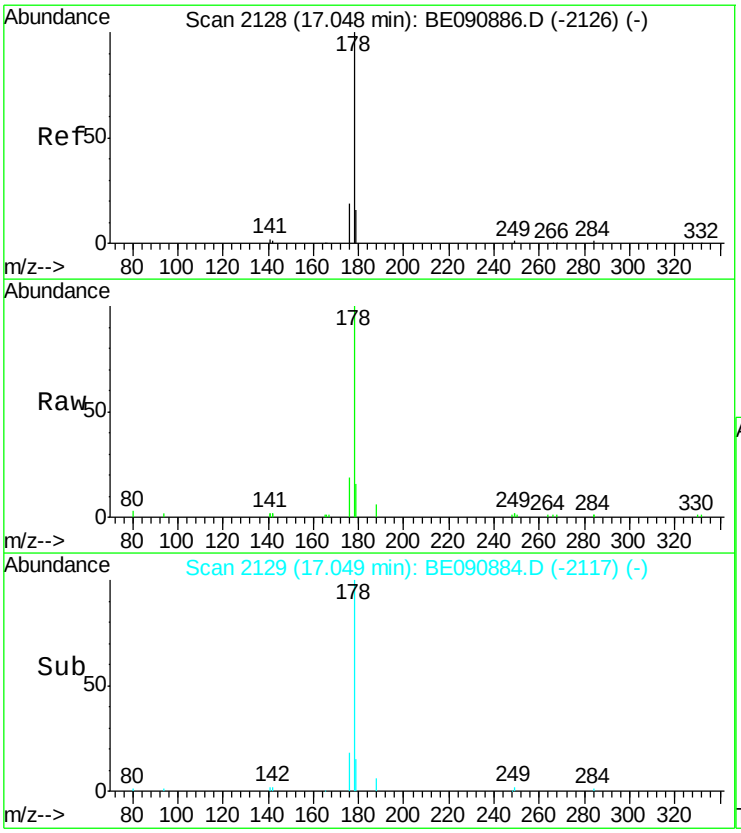
#23
Phenanthrene
Concen: 0.44 ng
RT: 16.95 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:178 Resp: 18640

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	16.0	12.8	19.2

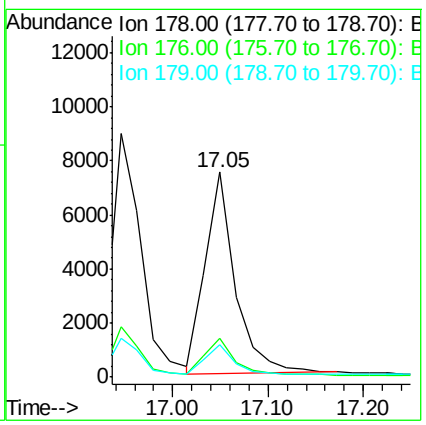


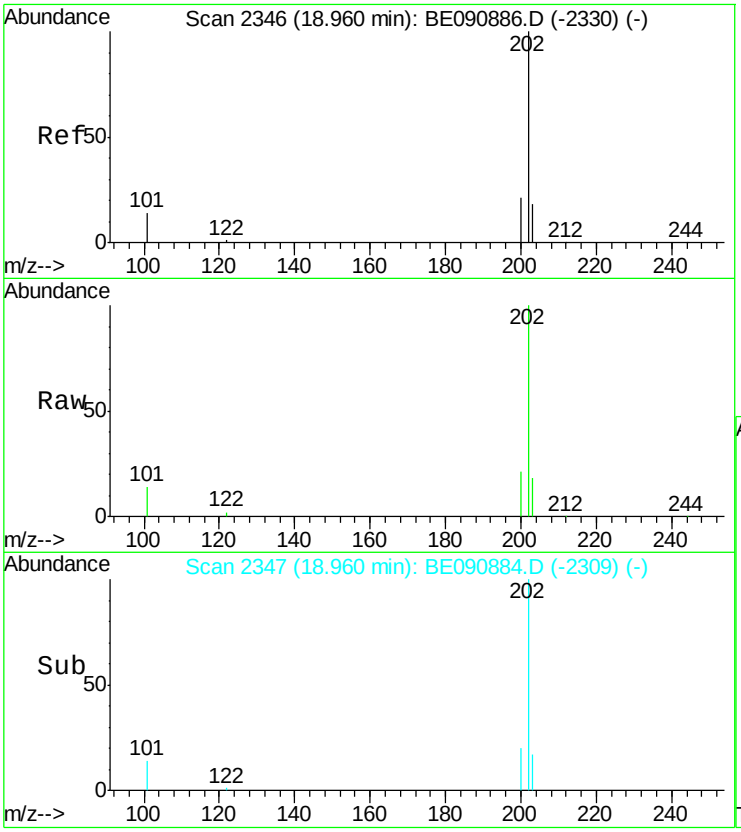


#24
Anthracene
Concen: 0.47 ng
RT: 17.05 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:178 Resp: 16337

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.6
179	14.6	12.3	18.5



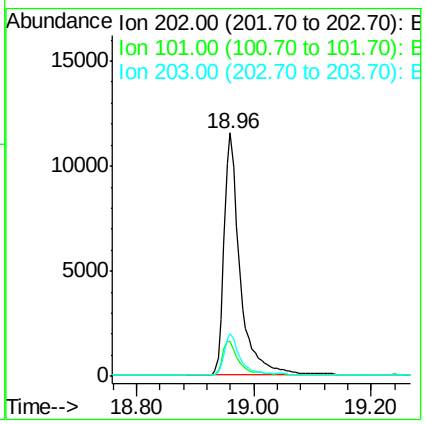


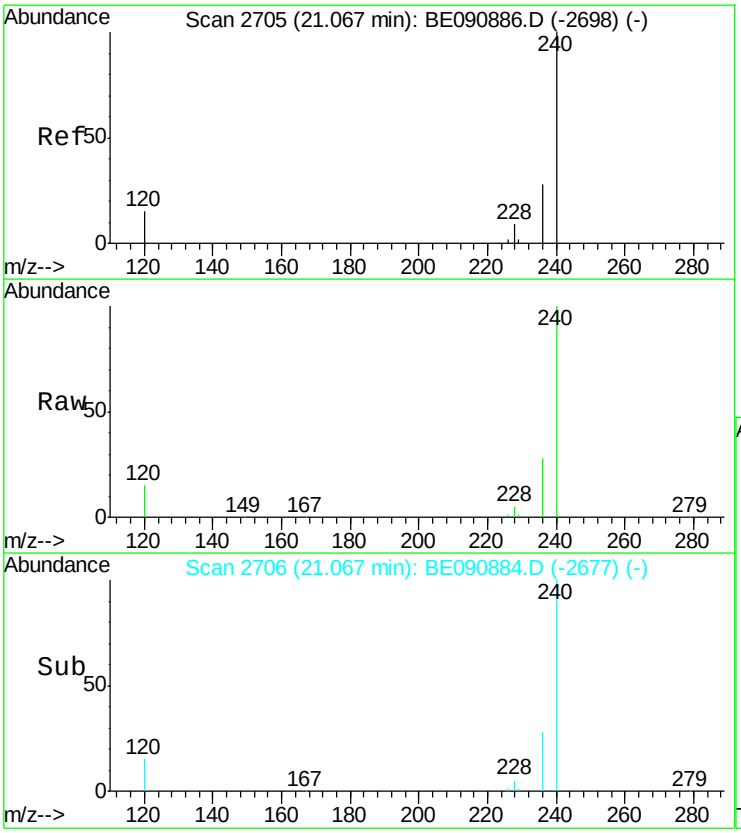
#25
Fluoranthene
Concen: 0.49 ng
RT: 18.96 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 21764

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.6
203	17.2	13.9	20.9

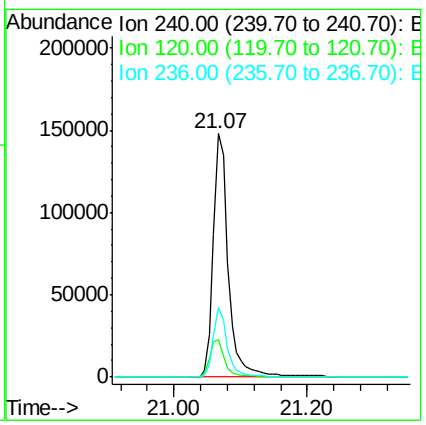


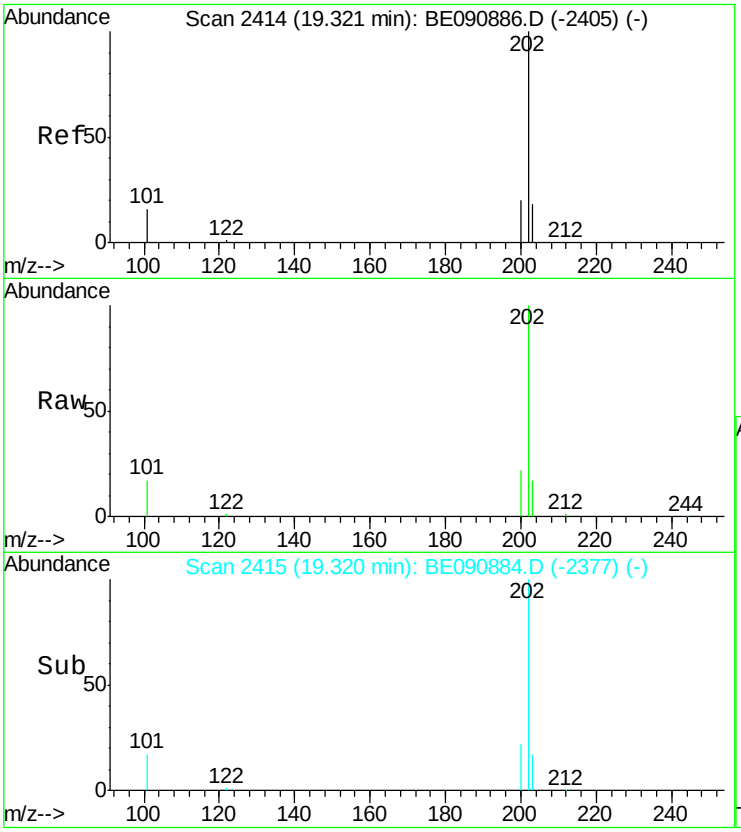


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2706
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:240 Resp: 228190

Ion	Ratio	Lower	Upper
240	100		
120	15.4	10.1	15.1#
236	28.3	21.9	32.9



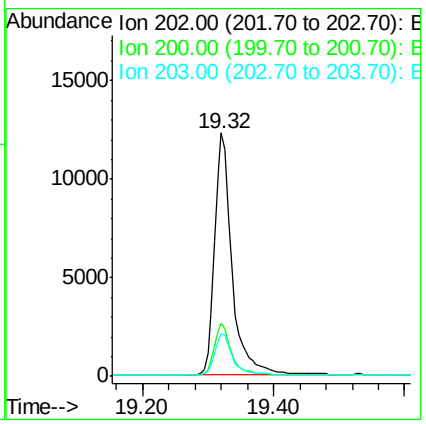


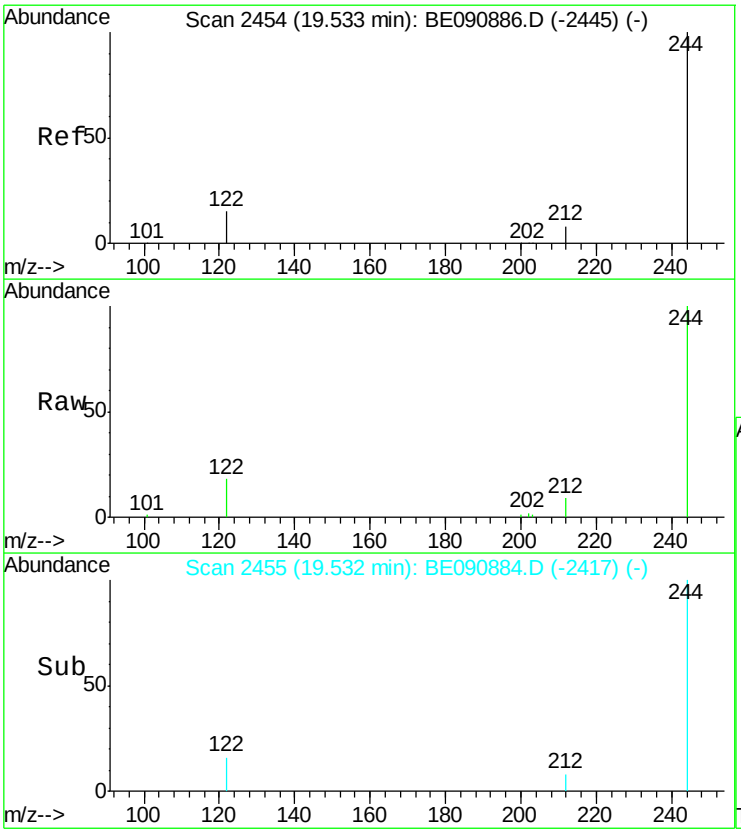
#27
Pyrene
Concen: 0.47 ng
RT: 19.32 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:202 Resp: 22623

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.7	25.1
203	17.1	13.8	20.6

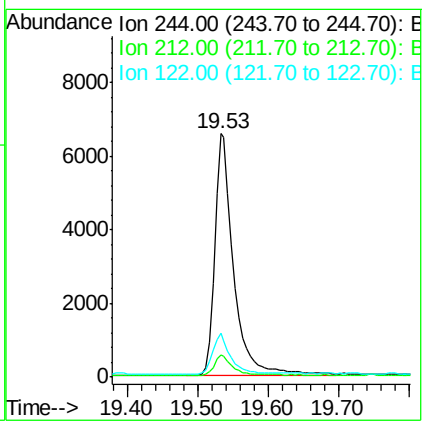


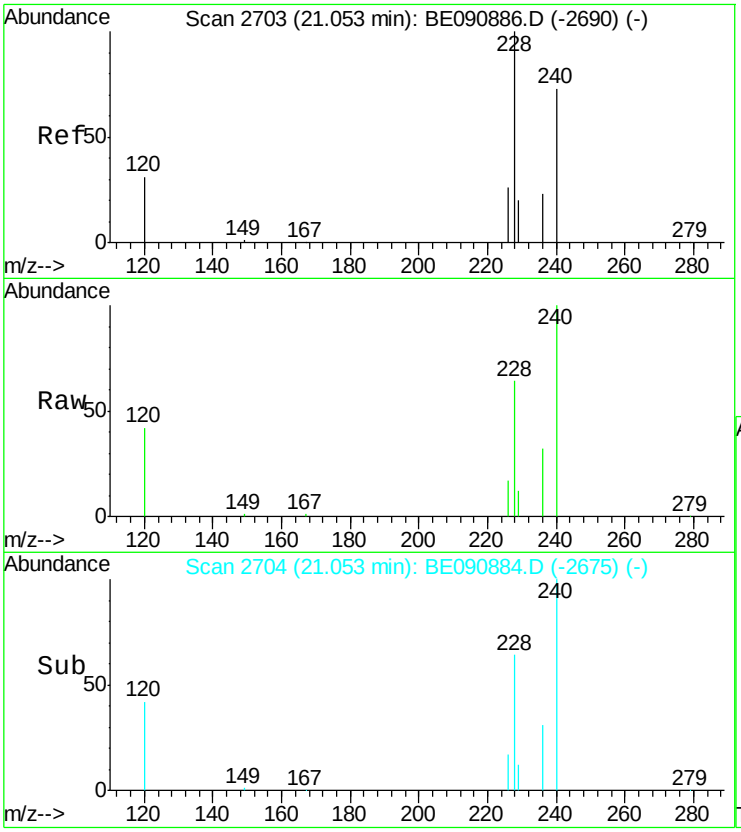


#28
Terphenyl-d14
Concen: 0.47 ng
RT: 19.53 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:244 Resp: 12414

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.9	10.3
122	17.8	12.9	19.3



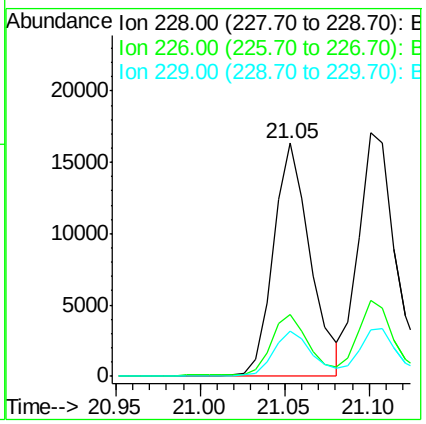


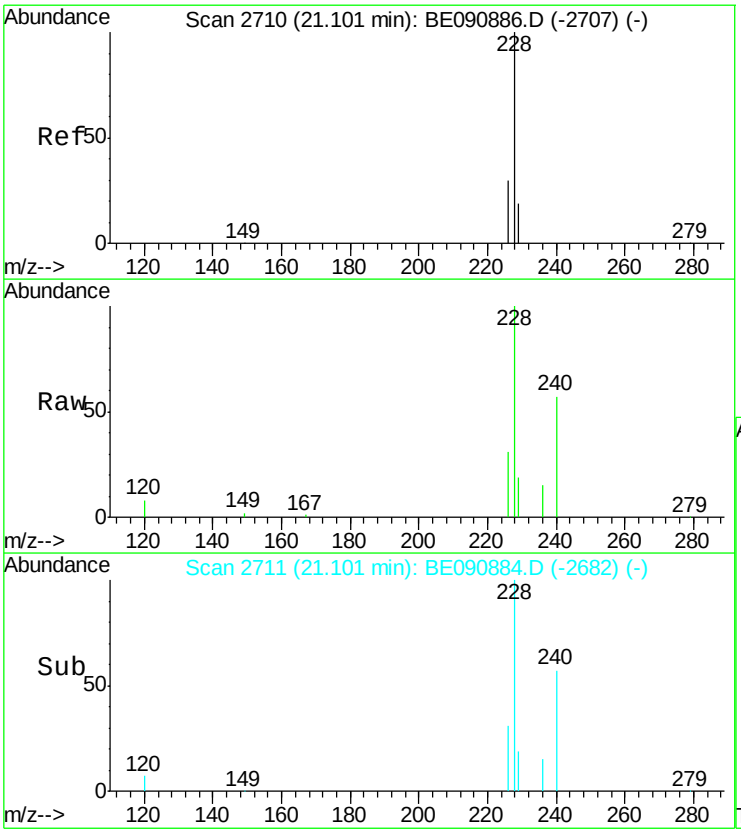
#29
Benzo(a)anthracene
Concen: 0.46 ng
RT: 21.05 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:228 Resp: 24428

Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.6	32.4
229	19.5	15.9	23.9

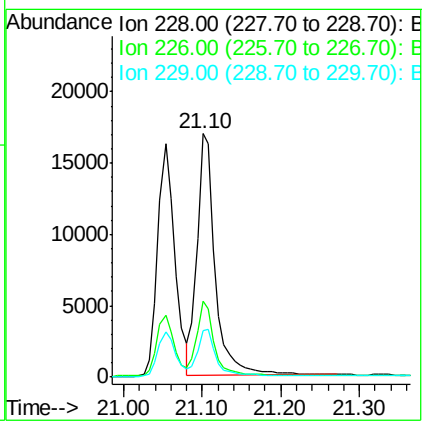


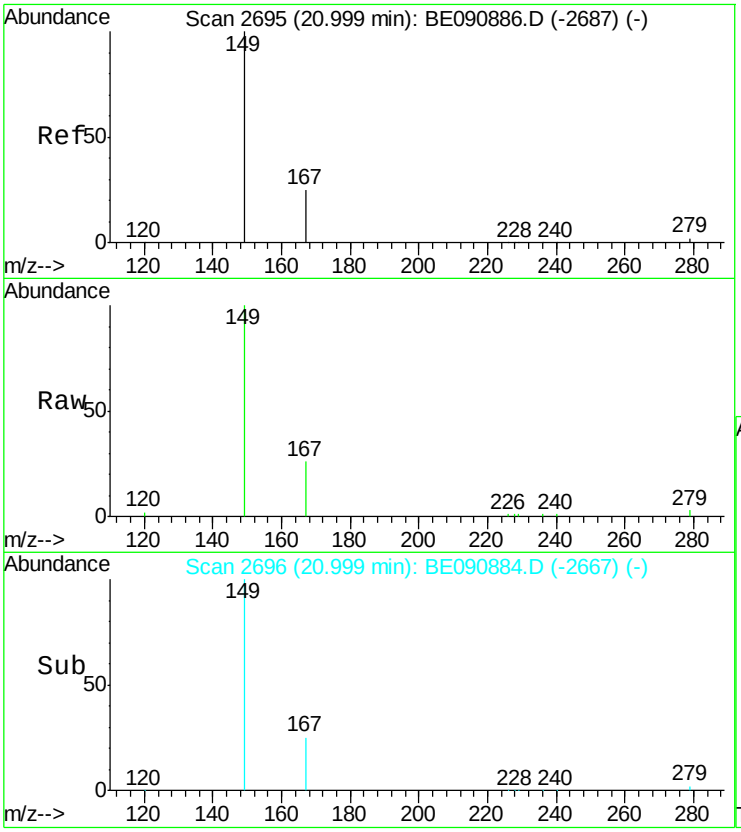


#30
Chrysene
Concen: 0.46 ng
RT: 21.10 min Scan# 2711
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:228 Resp: 27504

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	19.2	15.3	22.9



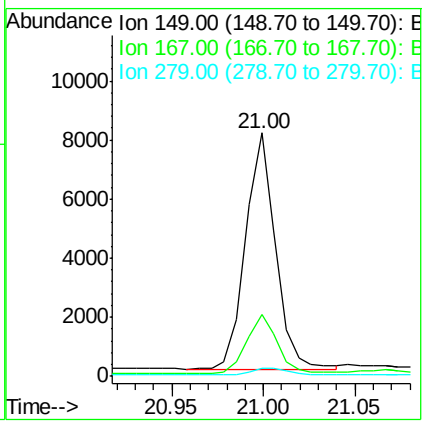


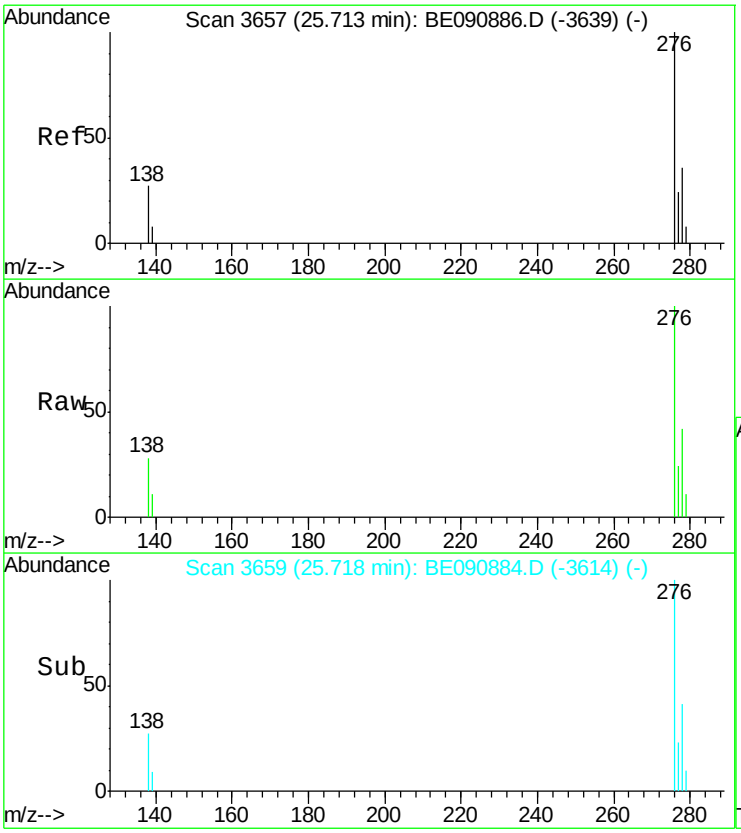
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.53 ng
RT: 21.00 min Scan# 2696
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:149 Resp: 9073

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.1	30.1
279	3.1	2.3	3.5

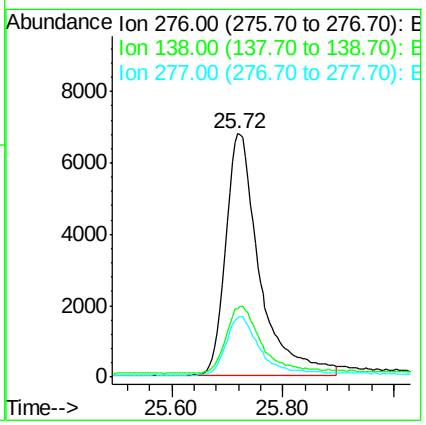


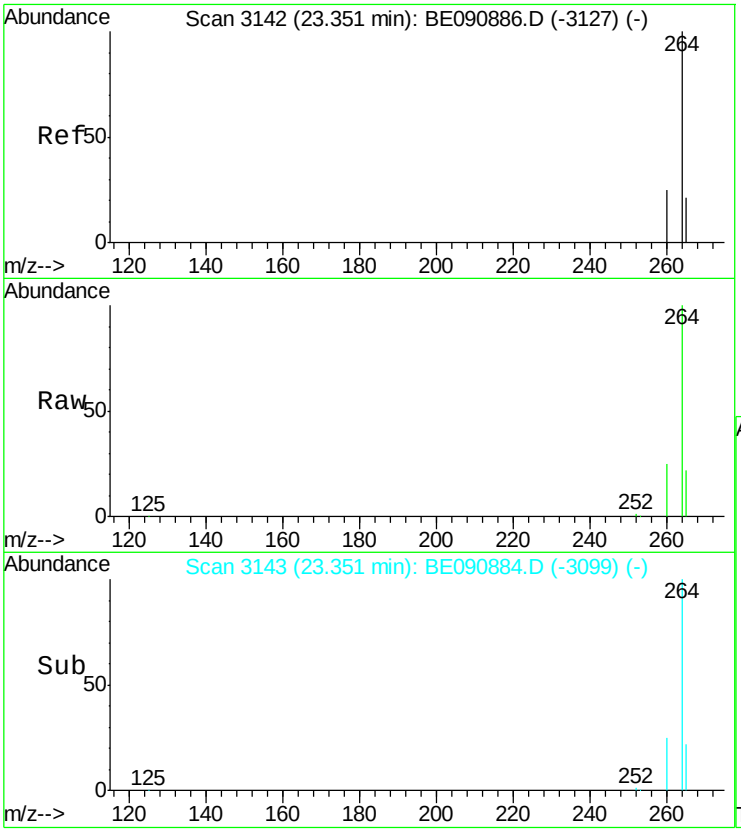


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.51 ng
RT: 25.72 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:276 Resp: 28506

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.3	34.9
277	24.6	19.8	29.6



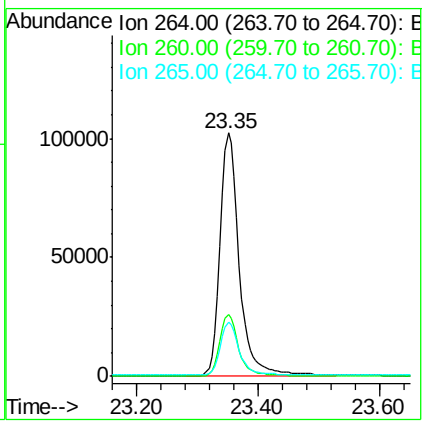


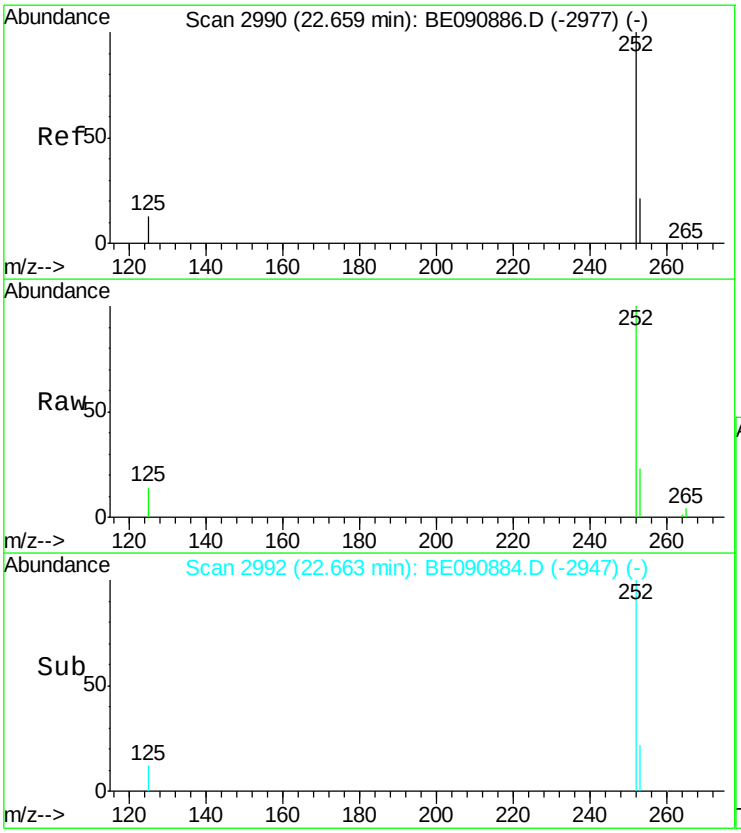
#33
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3143
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:264 Resp: 228558

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.0	17.5	26.3

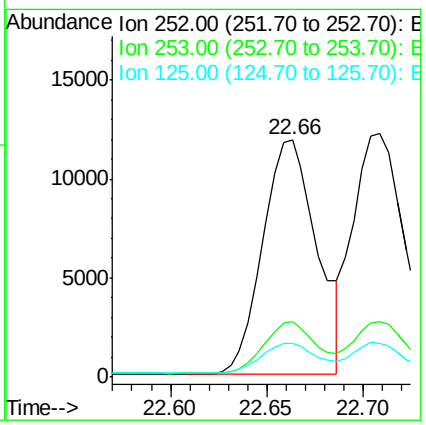


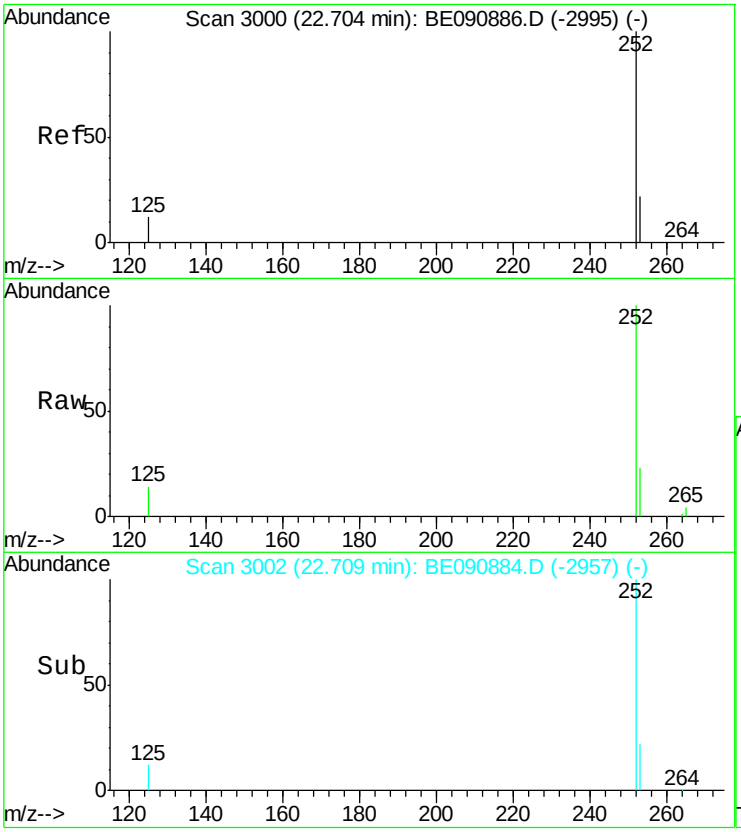


#34
Benzo(b)fluoranthene
Concen: 0.46 ng
RT: 22.66 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:252 Resp: 23181

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	14.0	10.6	16.0



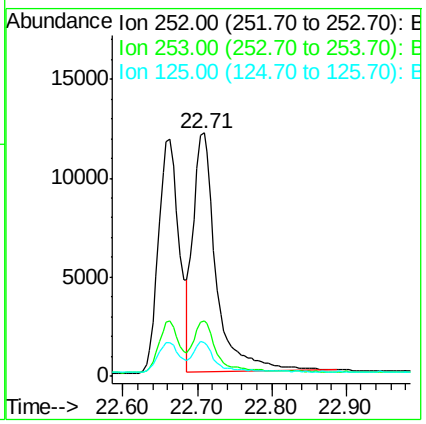


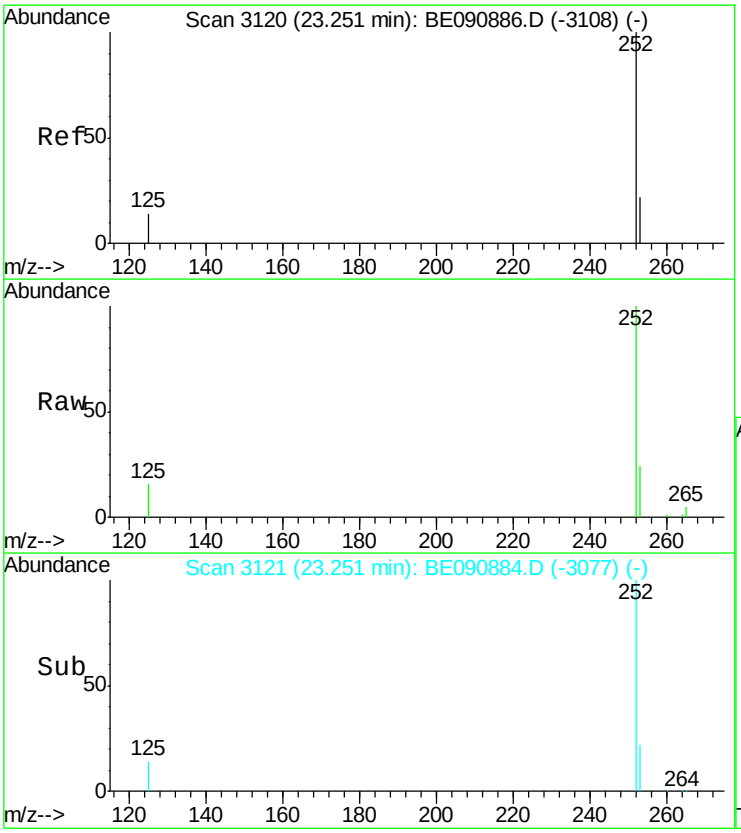
#35
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 22.71 min Scan# 3002
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:252 Resp: 26053

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	13.7	10.1	15.1

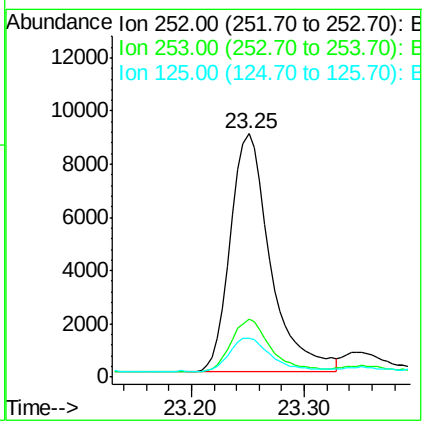


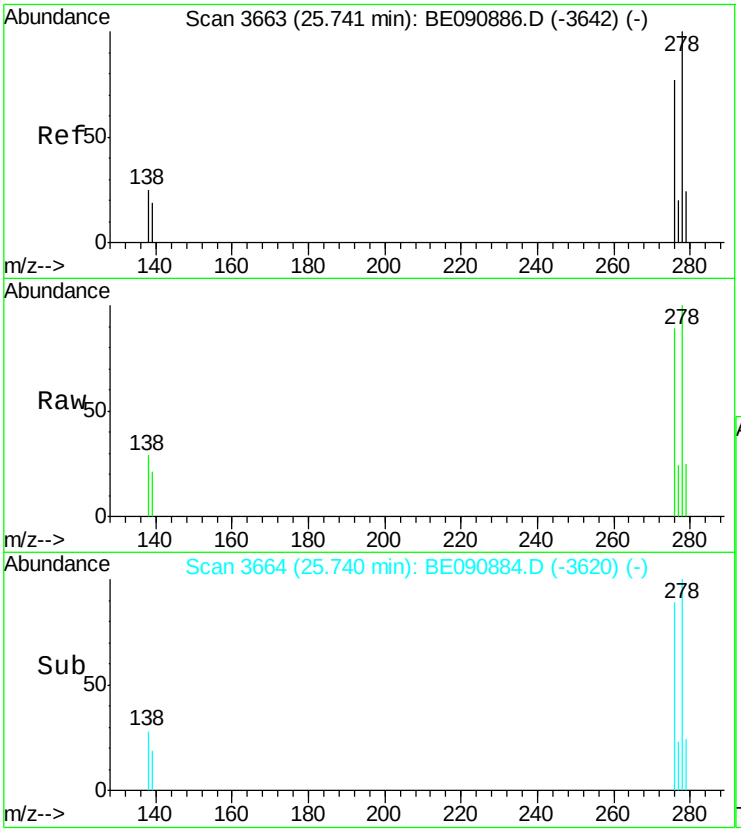


#36
Benzo(a)pyrene
Concen: 0.48 ng
RT: 23.25 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:252 Resp: 21767

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.2	25.8
125	16.1	18.0	27.0#



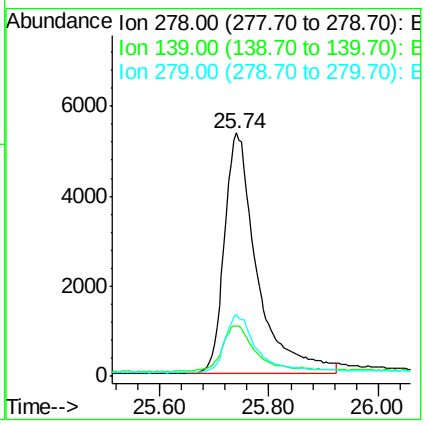


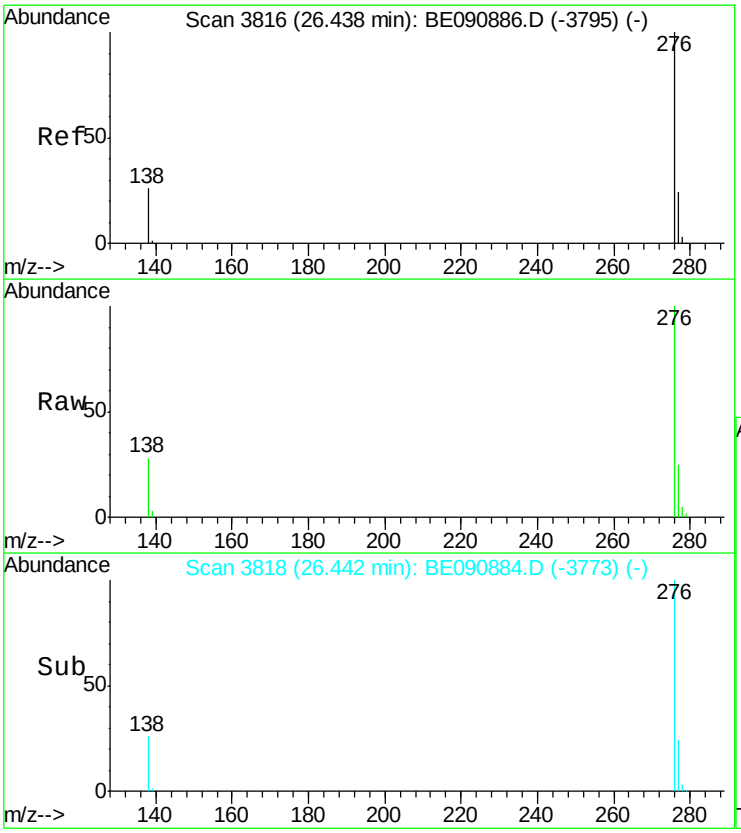
#37
Dibenzo(a,h)anthracene
Concen: 0.46 ng
RT: 25.74 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.5

Tgt Ion:278 Resp: 22372

Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.4	23.0
279	25.2	18.8	28.2





#38
Benzo(g,h,i)perylene
Concen: 0.47 ng
RT: 26.44 min Scan# 3818
Delta R.T. 0.00 min
Lab File: BE090884.D
Acq: 18 Sep 2015 14:05

Tgt Ion:276 Resp: 24516

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	27.8	20.1	30.1