Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089930.D
Acq On : 24 Jun 2015 00:59
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Jun 24 09:22:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	27392	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	121739	5.00	ng		0.00
12) Acenaphthene-d10	14.25	164	75046	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	189359	5.00	ng		0.00
25) Chrysene-d12	21.14	240	202846	5.00	ng		0.00
32) Perylene-d12	23.47	264	176157	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	553	0.09	ng		0.00
5) Phenol-d6	6.81	99	833	0.10	ng		0.00
7) Nitrobenzene-d5	8.77	82	1071	0.11	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	110	0.05	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	2755	0.11	ng		0.00
27) Terphenyl-d14	19.60	244	4141	0.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	527	0.17	ng		90
3) n-Nitrosodimethylamine	3.55	42	559	0.12	ng	#	94
8) Nitrobenzene	8.82	77	1127	0.11	ng		99
9) Naphthalene	10.44	128	3397	0.12	ng		96
10) Hexachlorobutadiene	10.74	225	539	0.11	ng		95
11) 2-Methylnaphthalene	12.05	142	2258	0.12	ng		95
15) Acenaphthylene	13.96	152	15812	0.34	ng		99
16) Acenaphthene	14.30	154	2359	0.11	ng		94
17) Fluorene	15.29	166	3499	0.18	ng		97
19) 4-Bromophenyl-phenylether	16.20	248	962	0.12	ng		99
20) Hexachlorobenzene	16.30	284	4315	0.48	ng		99
21) Pentachlorophenol	16.65	266	110	0.05	ng	#	75
22) Phenanthrene	17.03	178	5966	0.10	ng		98
23) Anthracene	17.12	178	5212	0.18	ng		99
24) Fluoranthene	19.02	202	5993	0.14	ng		100
26) Pyrene	19.38	202	6128	0.09	ng		100
28) Benzo(a)anthracene	21.12	228	6050	0.10	ng		99
29) Chrysene	21.17	228	6622	0.11	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	633	0.02	ng	#	96
31) Indeno(1,2,3-cd)pyrene	25.89	276	3761	0.06	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	3849	0.07	ng	#	92
34) Benzo(k)fluoranthene	22.81	252	4567	0.09	ng	#	94
35) Benzo(a)pyrene	23.36	252	3417	0.07	ng	#	91
36) Dibenzo(a,h)anthracene	25.91	278	2987	0.07	ng		92
37) Benzo(g,h,i)perylene	26.62	276	3455	0.07	ng		93

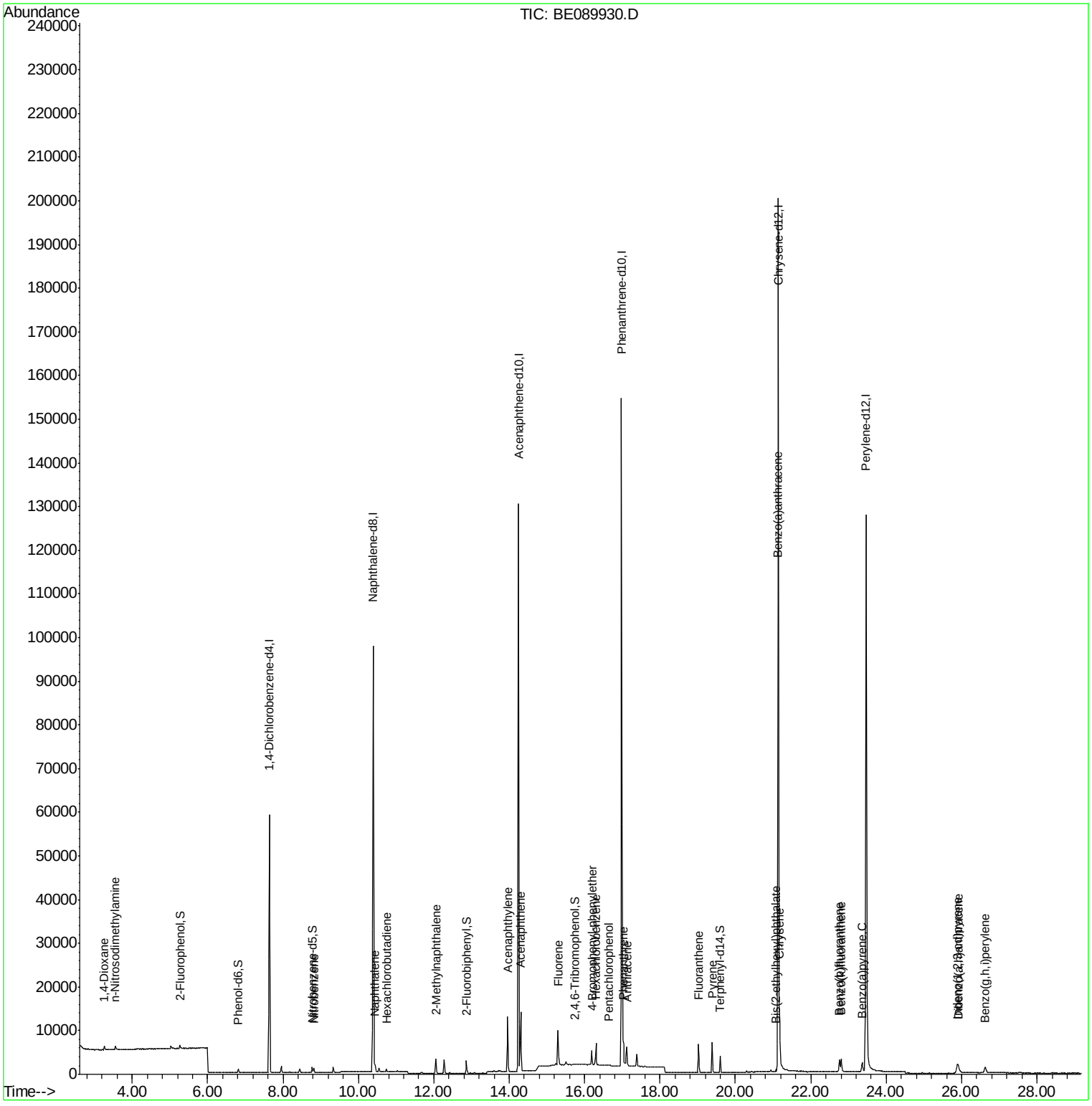
(#) = qualifier out of range (m) = manual integration (+) = signals summed

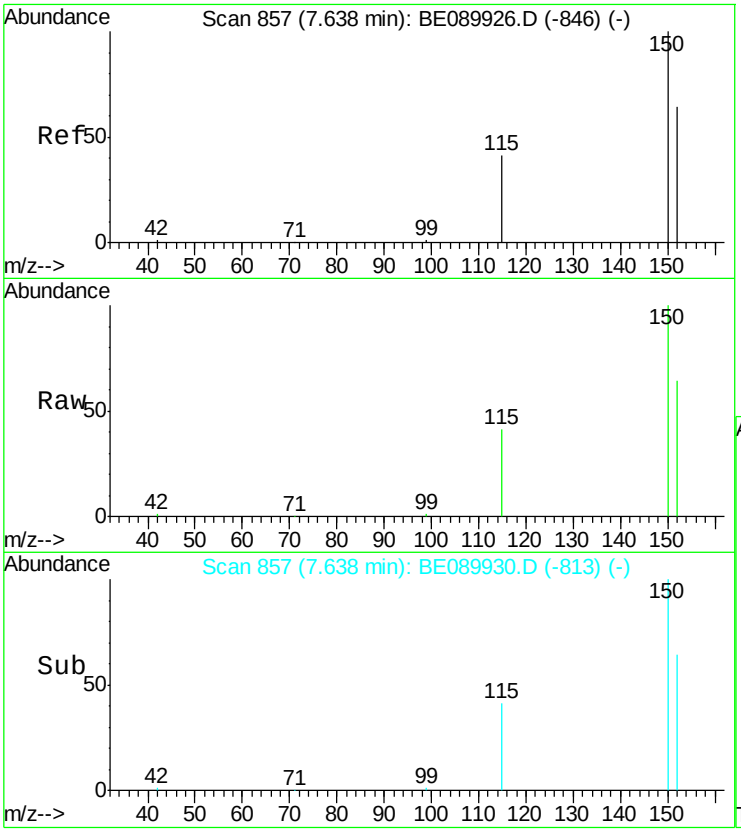
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062315\
Data File : BE089930.D
Acq On : 24 Jun 2015 00:59
Operator : TP/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 24 09:22:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 09:11:03 2015
Response via : Initial Calibration



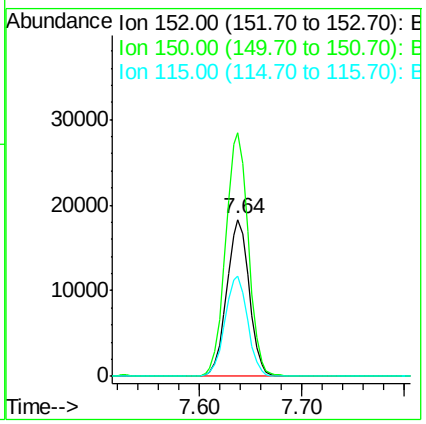


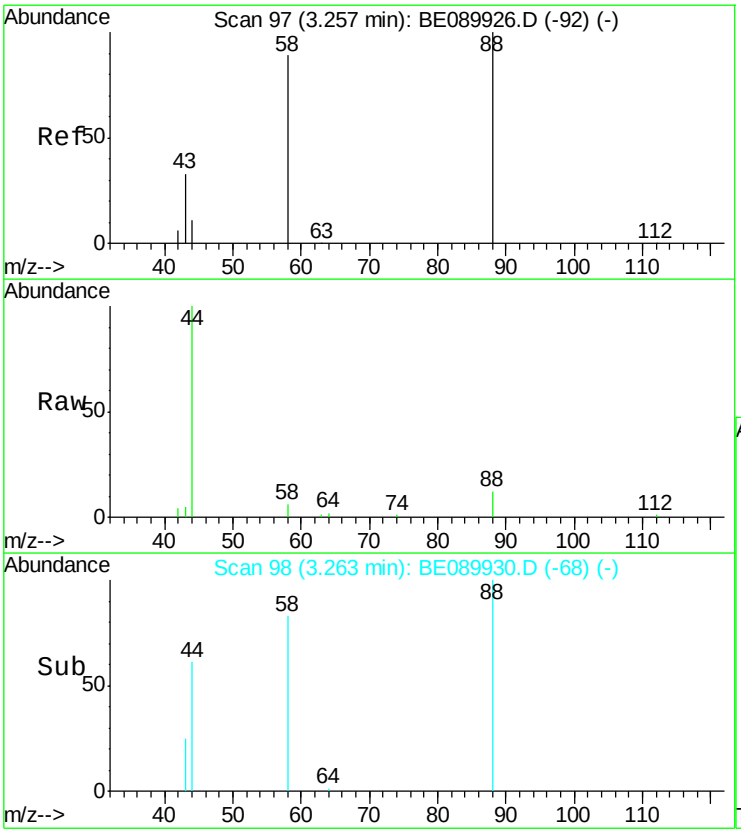
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.64 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 27392

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	63.9	51.6	77.4

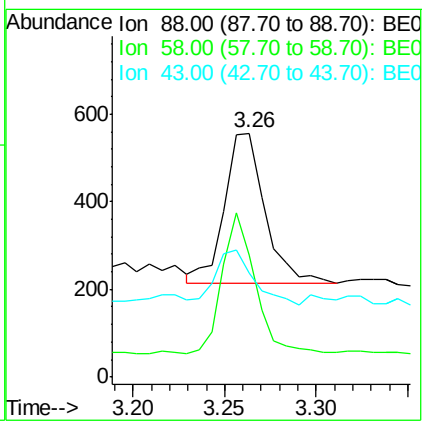


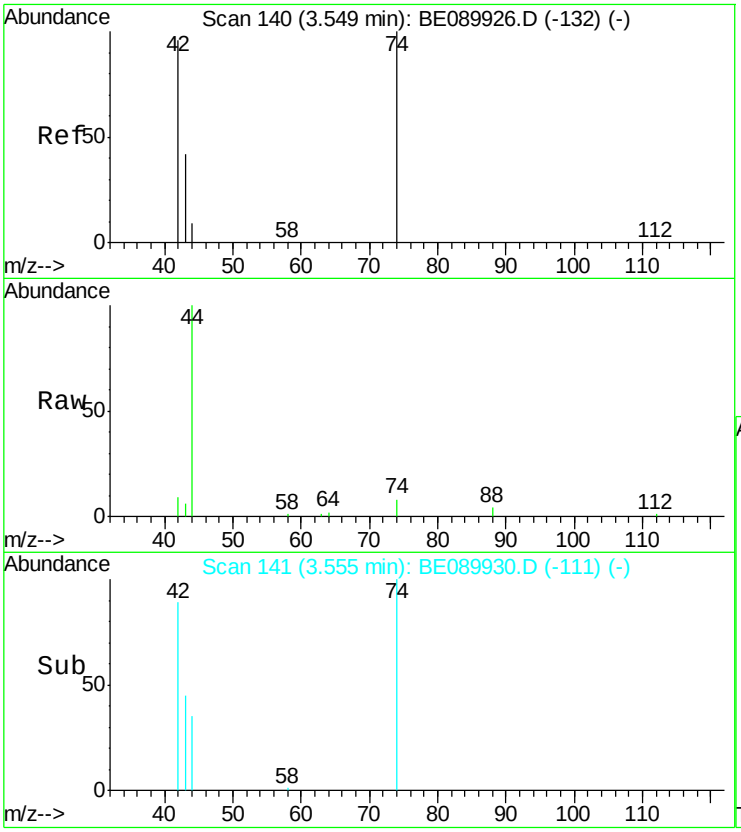


#2
1,4-Dioxane
Concen: 0.17 ng
RT: 3.26 min Scan# 98
Delta R.T. 0.01 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion: 88 Resp: 527

Ion	Ratio	Lower	Upper
88	100		
58	75.5	70.8	106.2
43	34.3	26.8	40.2



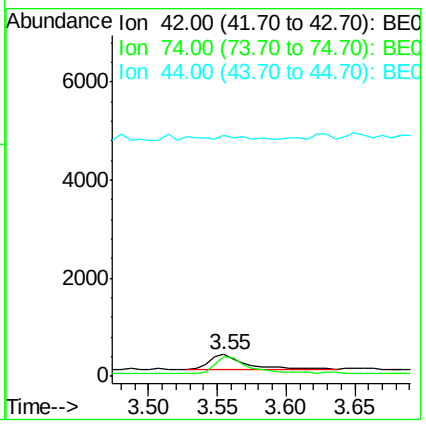


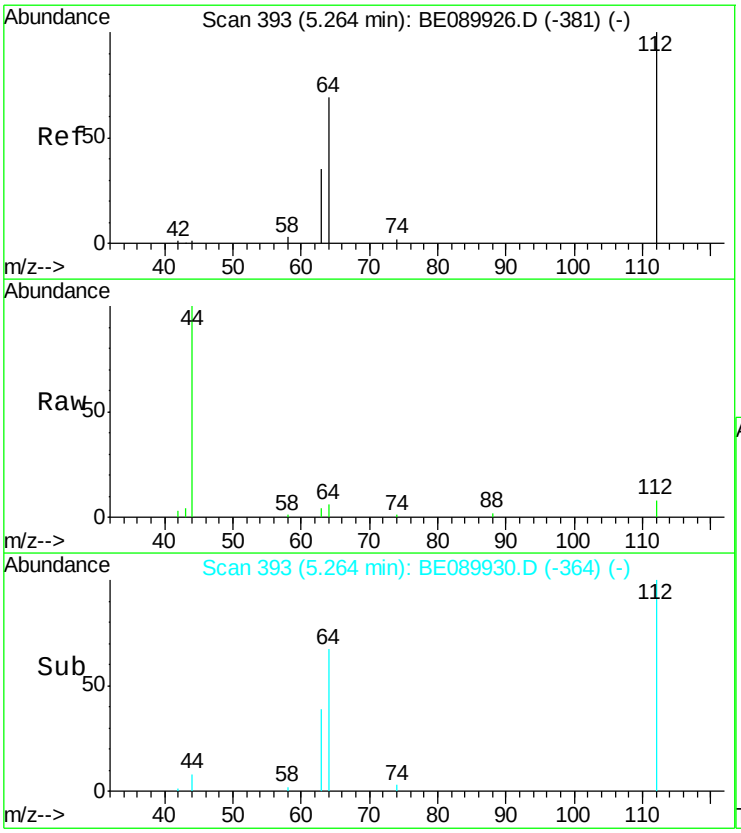
#3
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.55 min Scan# 141
Delta R.T. 0.01 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 559

Ion	Ratio	Lower	Upper
42	100		
74	111.3	85.4	128.2
44	17.4	8.4	12.6#

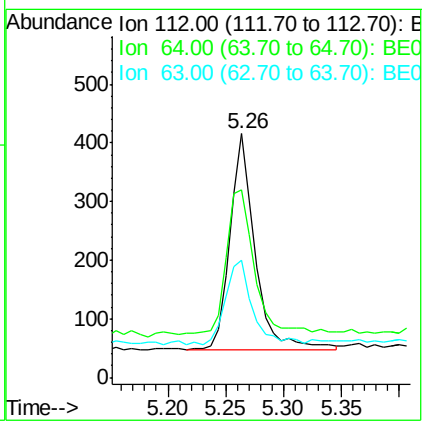


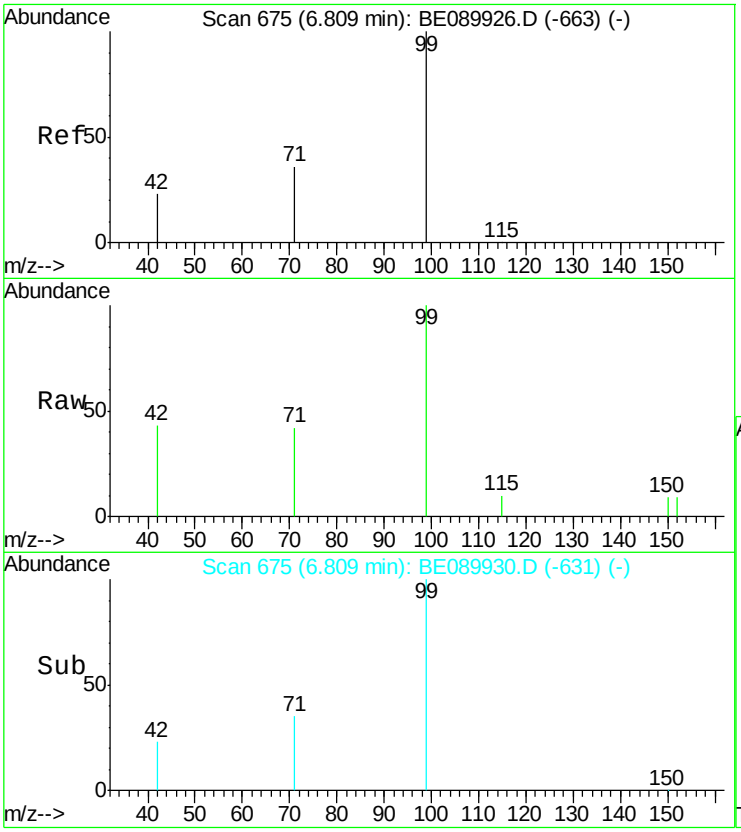


#4
2-Fluorophenol
Concen: 0.09 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:112 Resp: 553

Ion	Ratio	Lower	Upper
112	100		
64	75.6	57.4	86.2
63	42.3	31.2	46.8



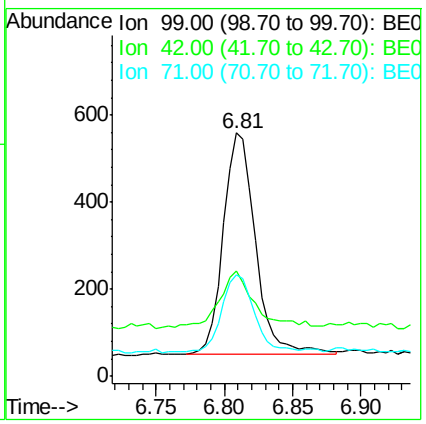


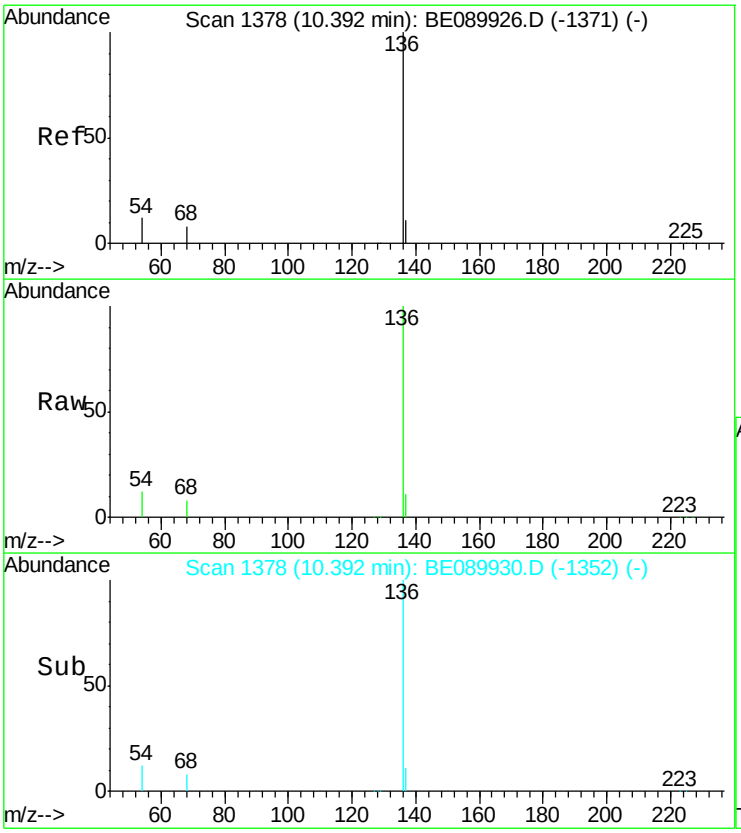
#5
Phenol-d6
Concen: 0.10 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 833

Ion	Ratio	Lower	Upper
99	100		
42	31.7	19.5	29.3#
71	34.9	27.8	41.6

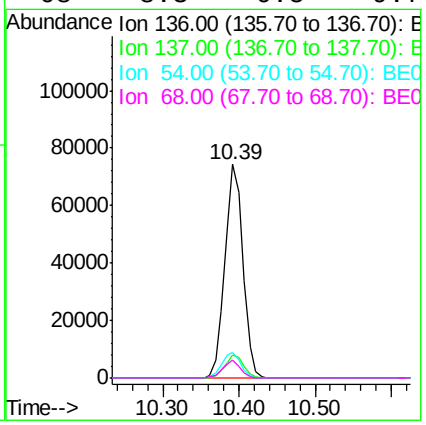


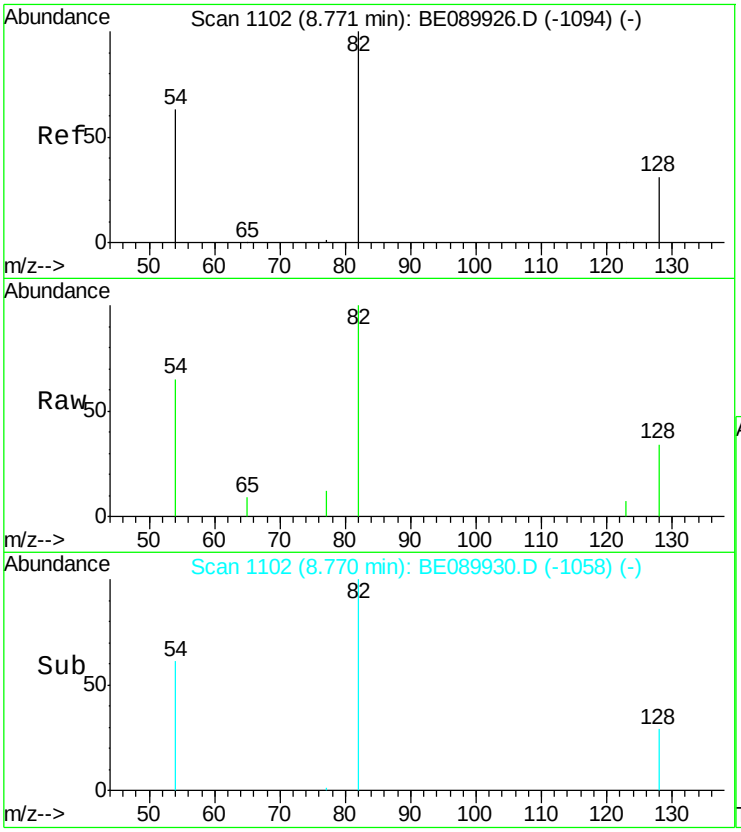


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:136 Resp: 121739

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	12.2	9.7	14.5
68	8.3	6.5	9.7



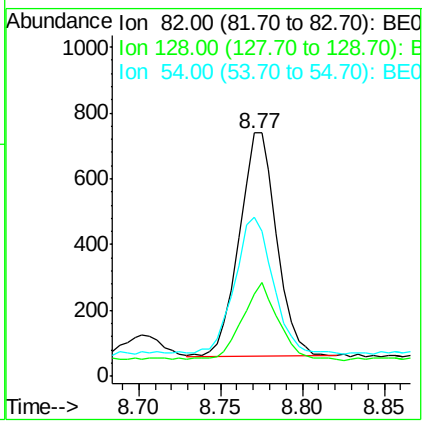


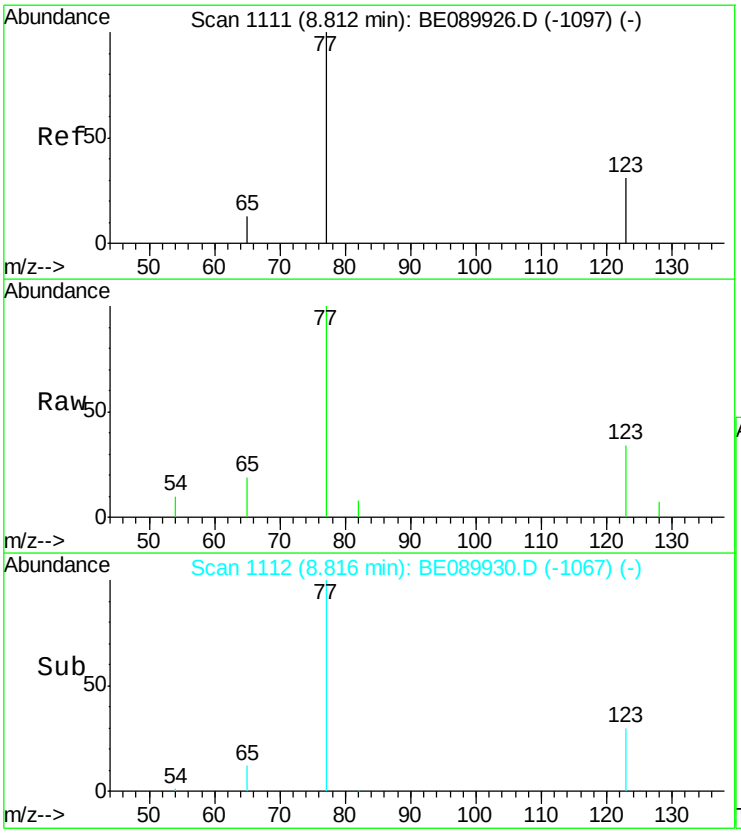
#7
Nitrobenzene-d5
Concen: 0.11 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 82 Resp: 1071

Ion	Ratio	Lower	Upper
82	100		
128	34.1	25.6	38.4
54	65.4	51.2	76.8

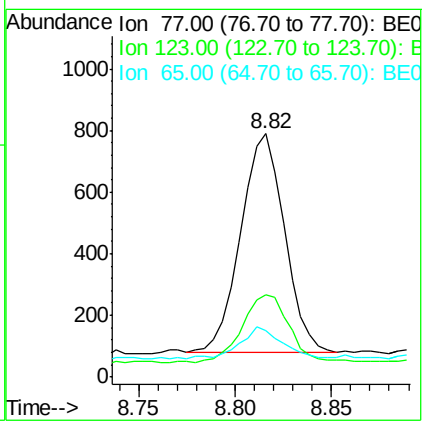


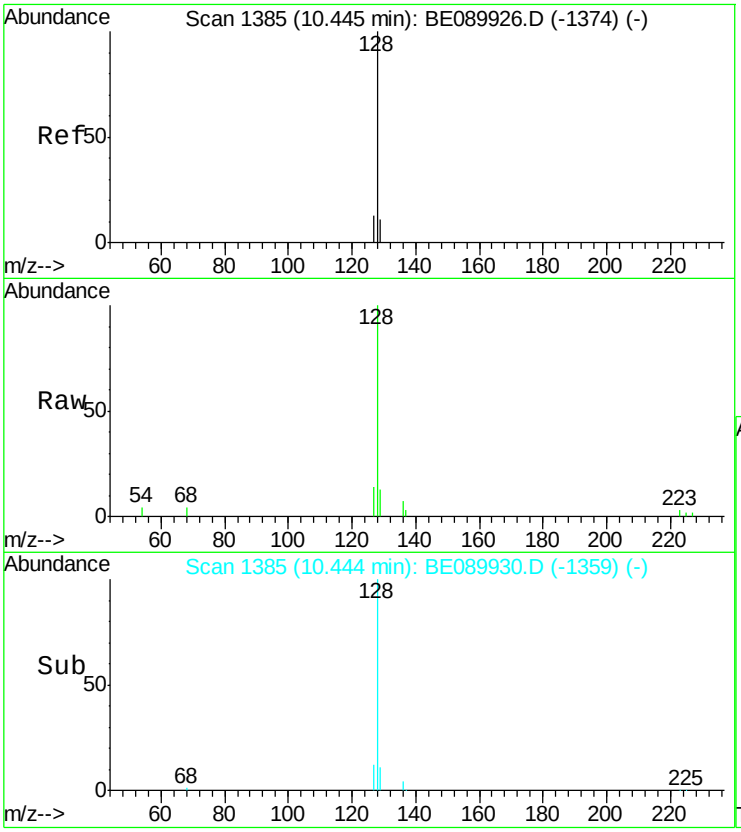


#8
Nitrobenzene
Concen: 0.11 ng
RT: 8.82 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion: 77 Resp: 1127

Ion	Ratio	Lower	Upper
77	100		
123	33.1	26.6	39.8
65	14.6	10.2	15.4



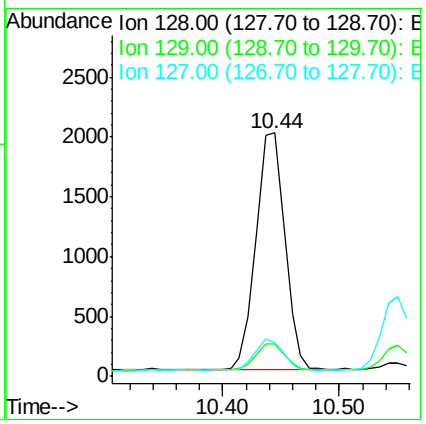


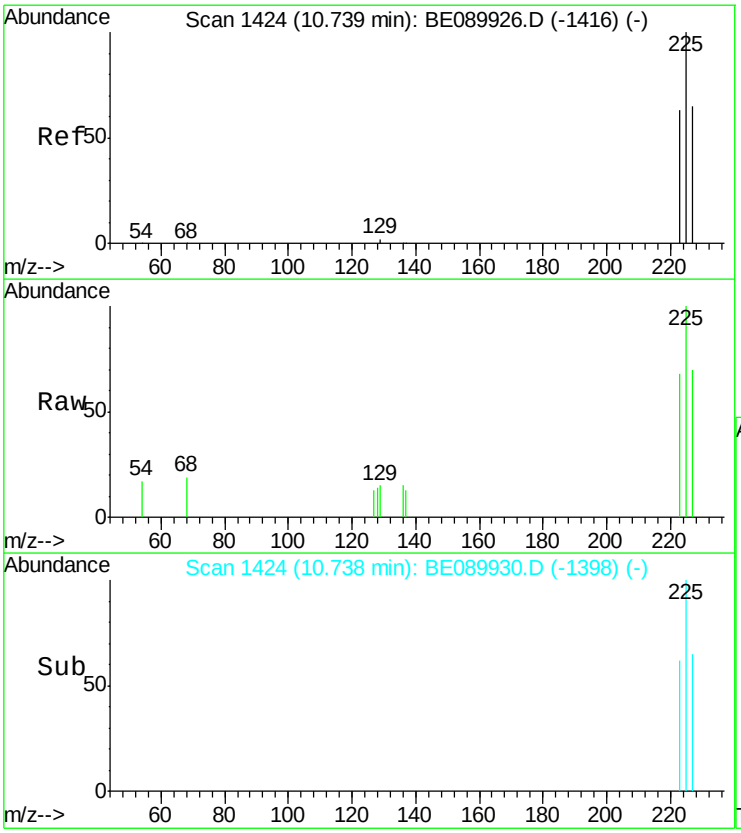
#9
Naphthalene
Concen: 0.12 ng
RT: 10.44 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 3397

Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.9	13.3
127	13.7	10.2	15.4

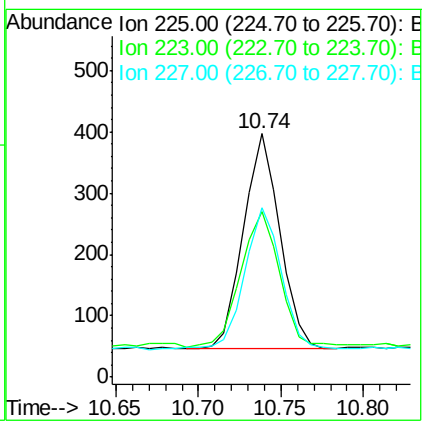


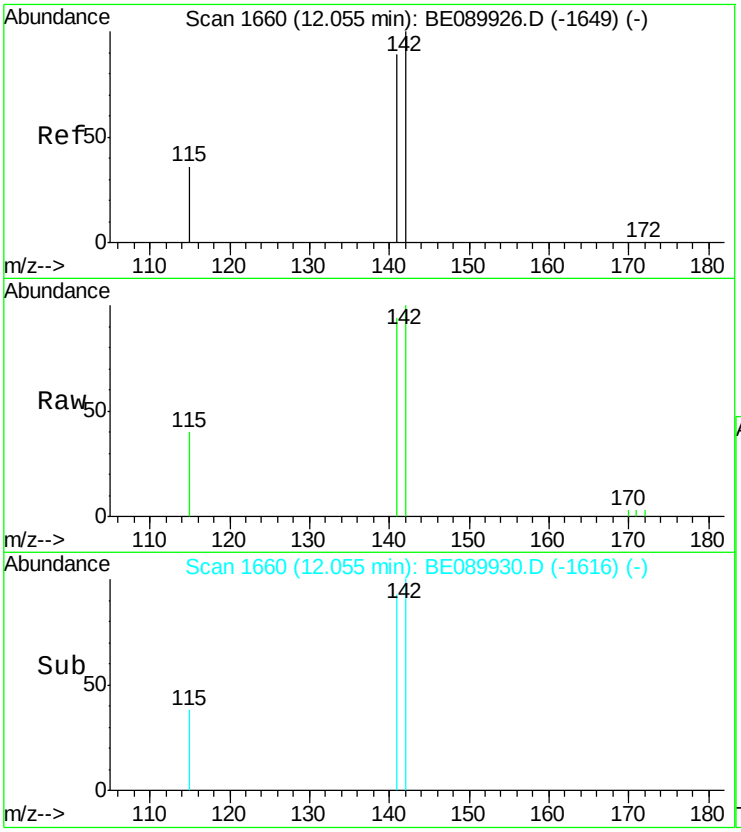


#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:225 Resp: 539

Ion	Ratio	Lower	Upper
225	100		
223	67.3	50.0	75.0
227	67.0	50.7	76.1



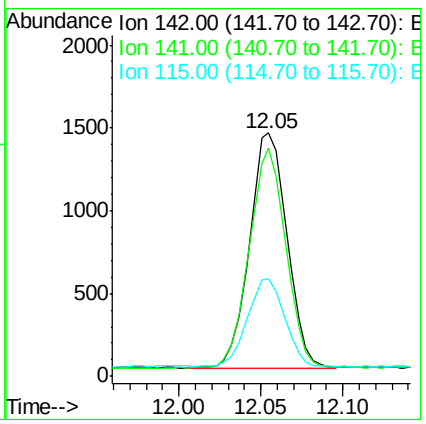


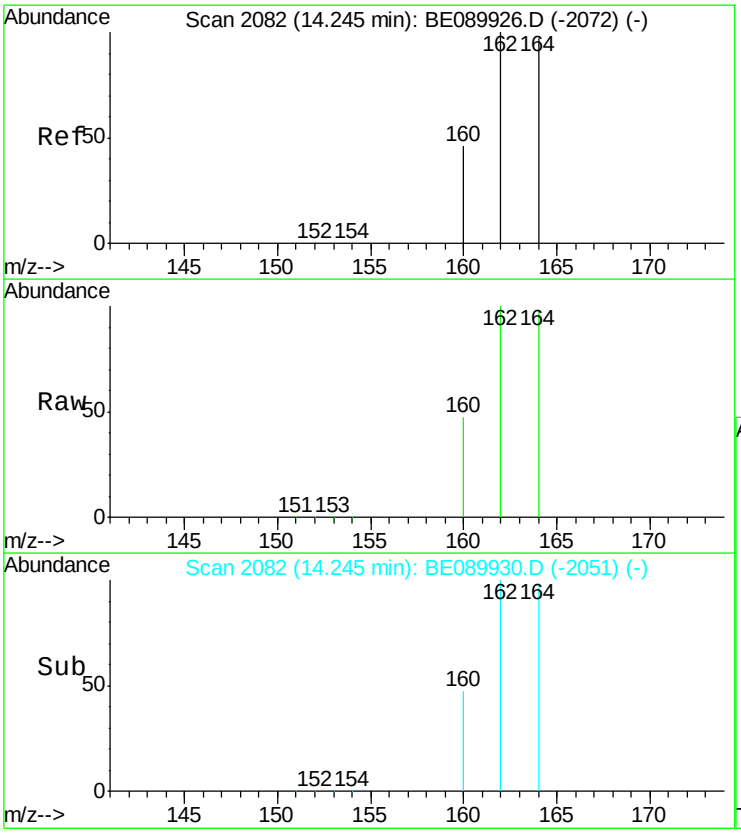
#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.05 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 2258

Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.1	106.7
115	40.3	29.1	43.7

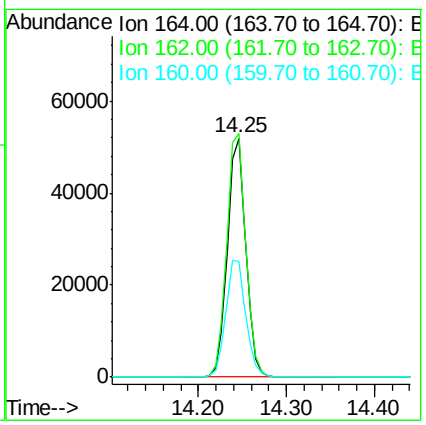


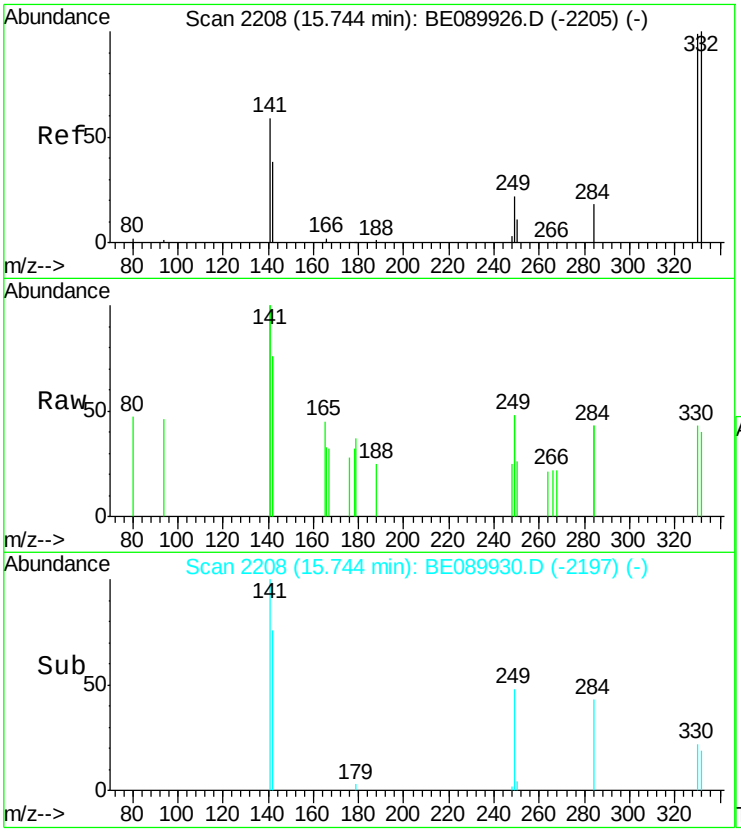


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.25 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:164 Resp: 75046

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.7	124.1
160	48.2	38.3	57.5



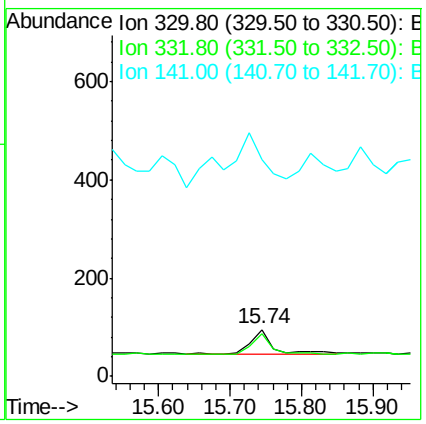


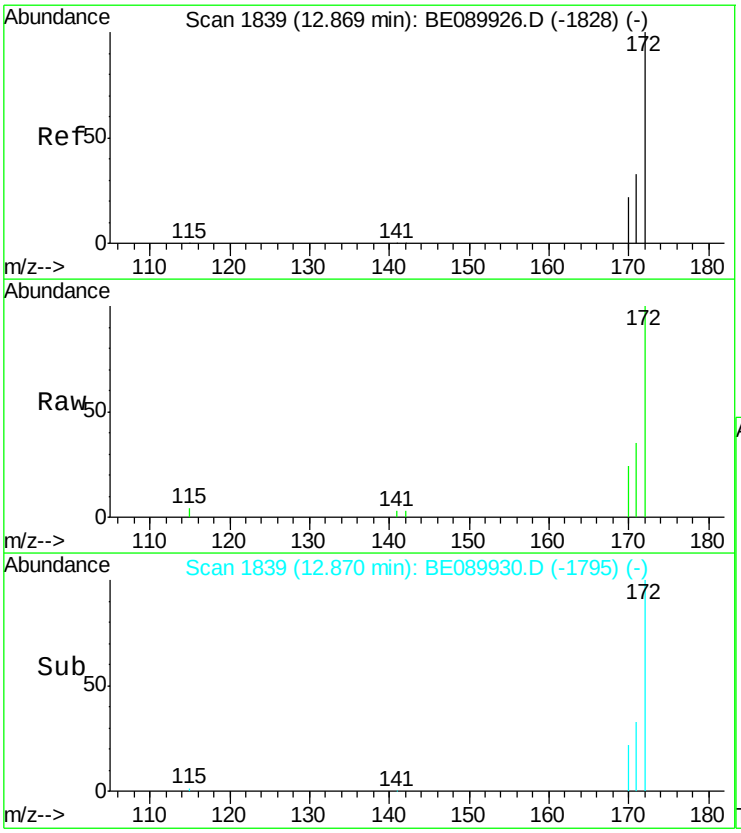
#13
2,4,6-Tribromophenol
Concen: 0.05 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 110

Ion	Ratio	Lower	Upper
330	100		
332	72.7	77.9	116.9#
141	385.5	142.8	214.2#

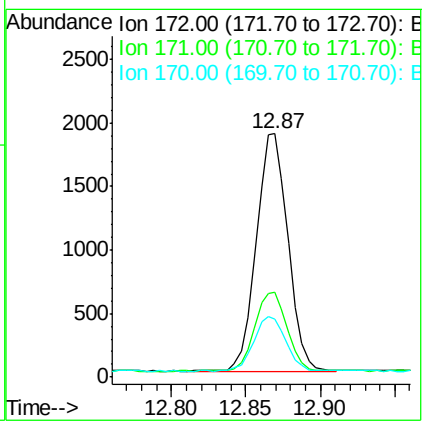


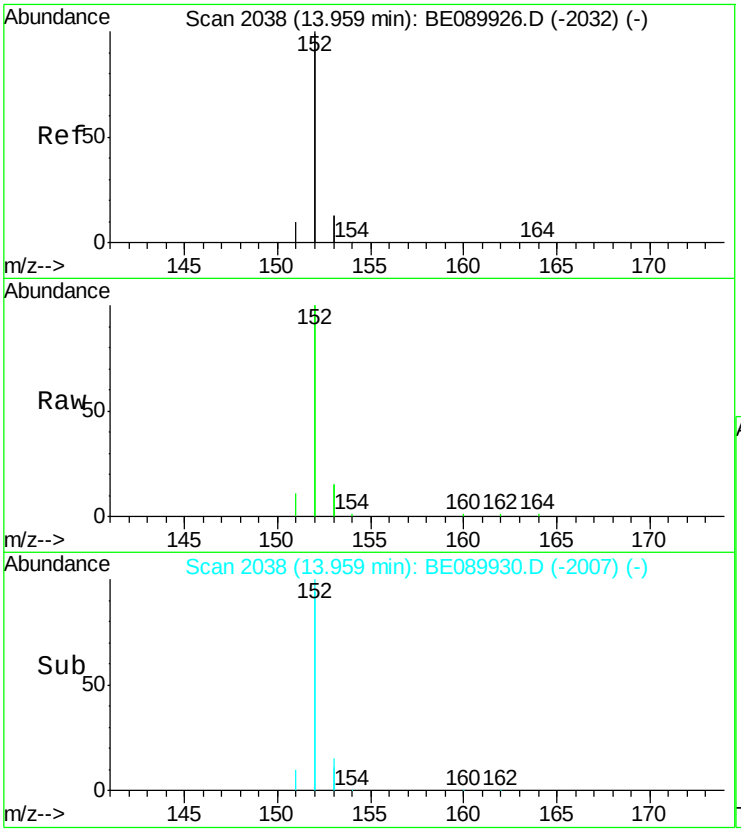


#14
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 12.87 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:172 Resp: 2755

Ion	Ratio	Lower	Upper
172	100		
171	34.8	26.7	40.1
170	23.7	17.5	26.3



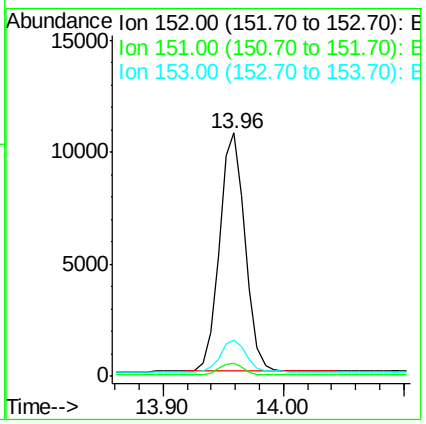


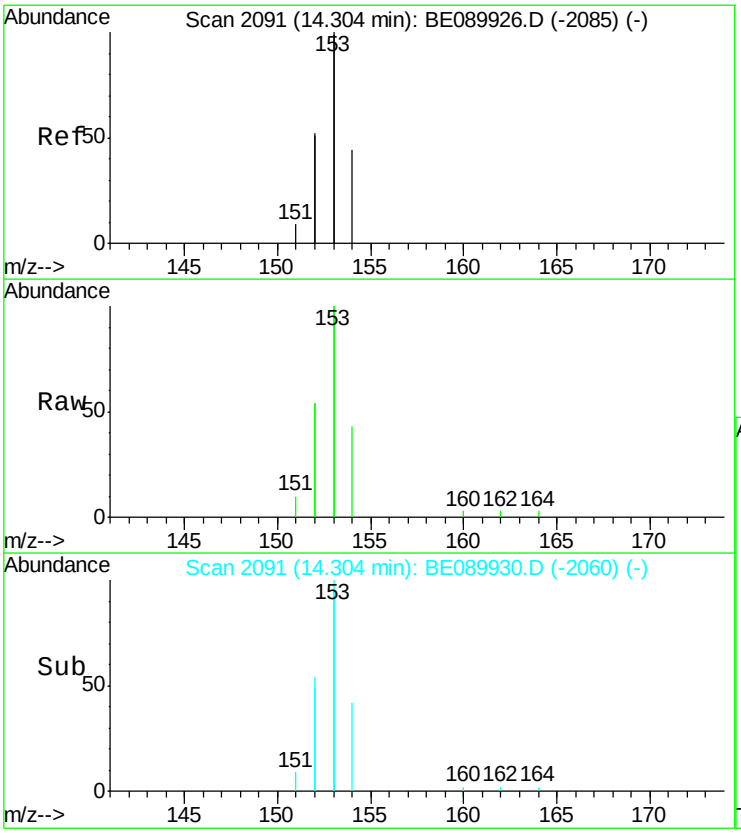
#15
Acenaphthylene
Concen: 0.34 ng
RT: 13.96 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 15812

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.9	5.9
153	13.4	10.4	15.6

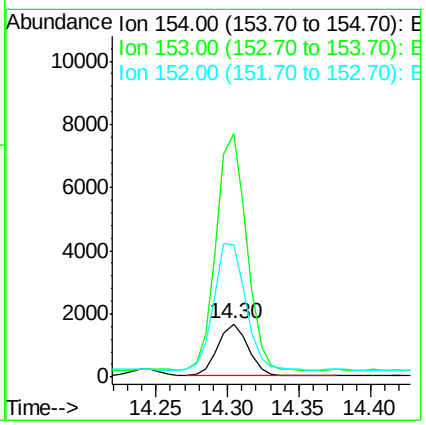


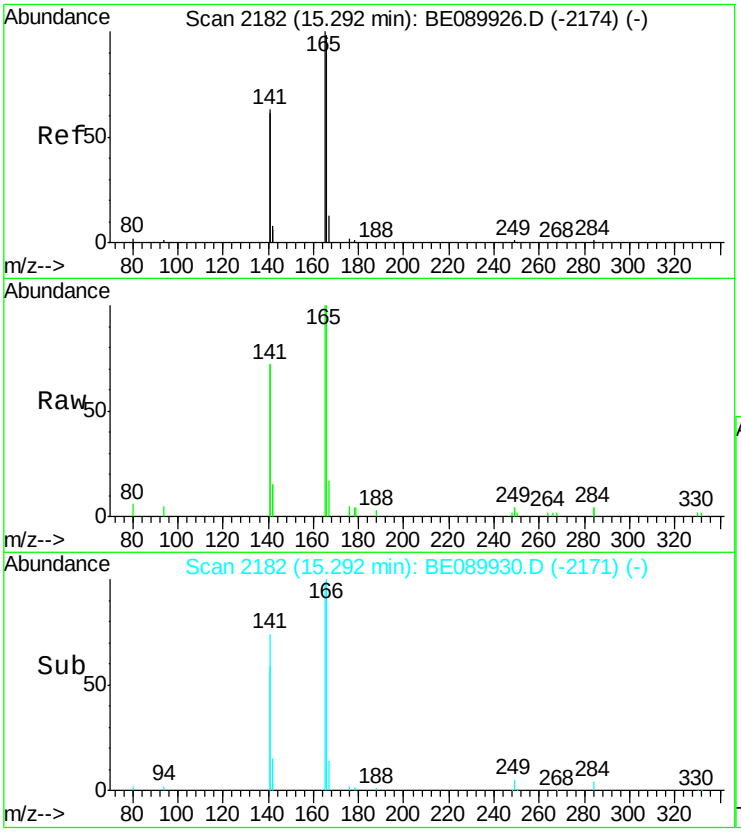


#16
Acenaphthene
Concen: 0.11 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:154 Resp: 2359

Ion	Ratio	Lower	Upper
154	100		
153	465.2	362.8	544.2
152	259.2	194.6	291.8



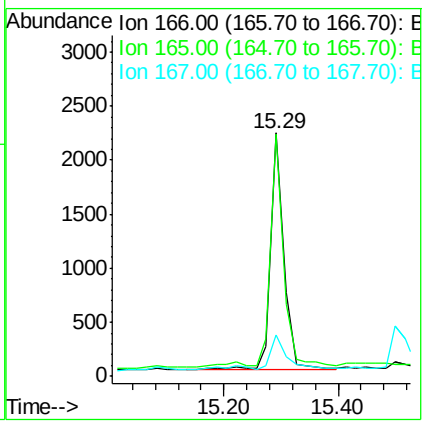


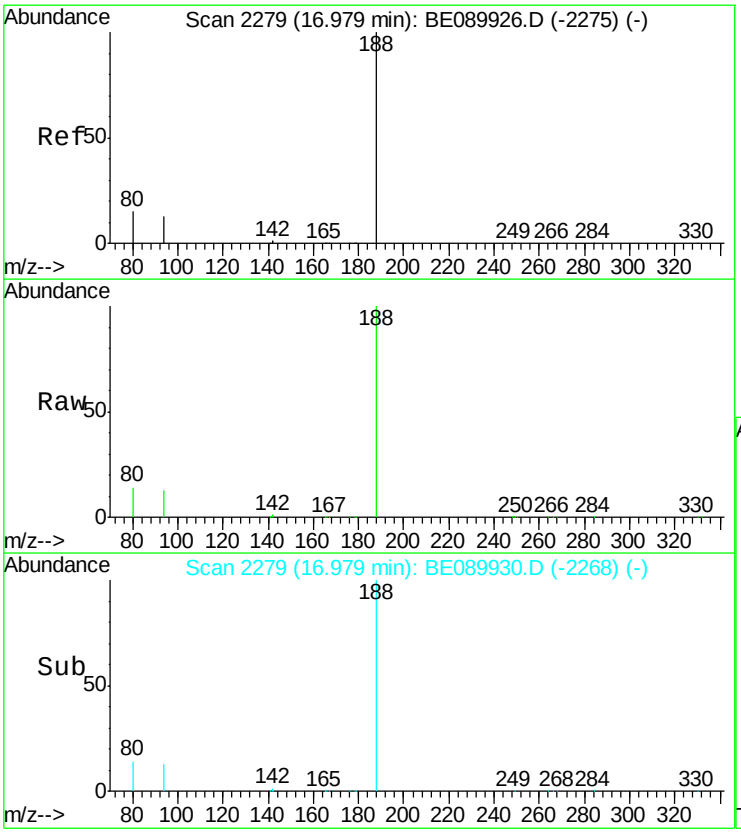
#17
Fluorene
Concen: 0.18 ng
RT: 15.29 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 3499

Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.1	121.7
167	16.8	11.8	17.8

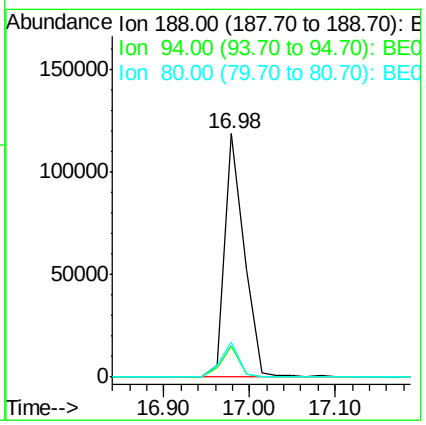


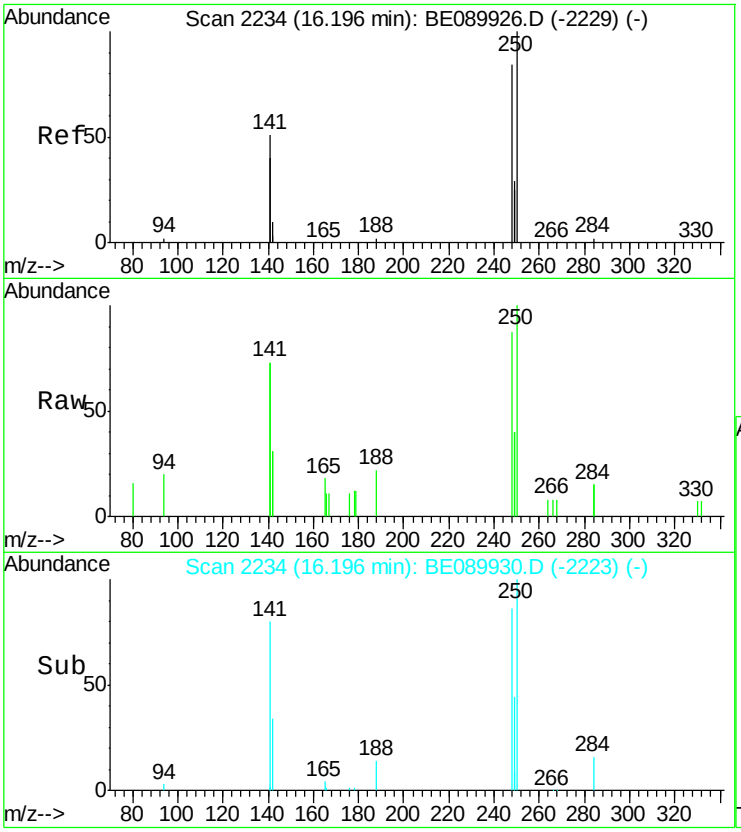


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:188 Resp: 189359

Ion	Ratio	Lower	Upper
188	100		
94	13.0	10.6	16.0
80	14.5	11.8	17.6



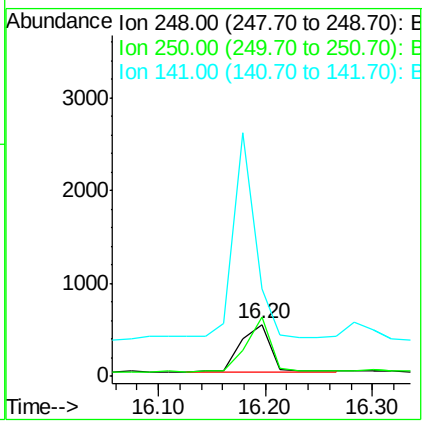


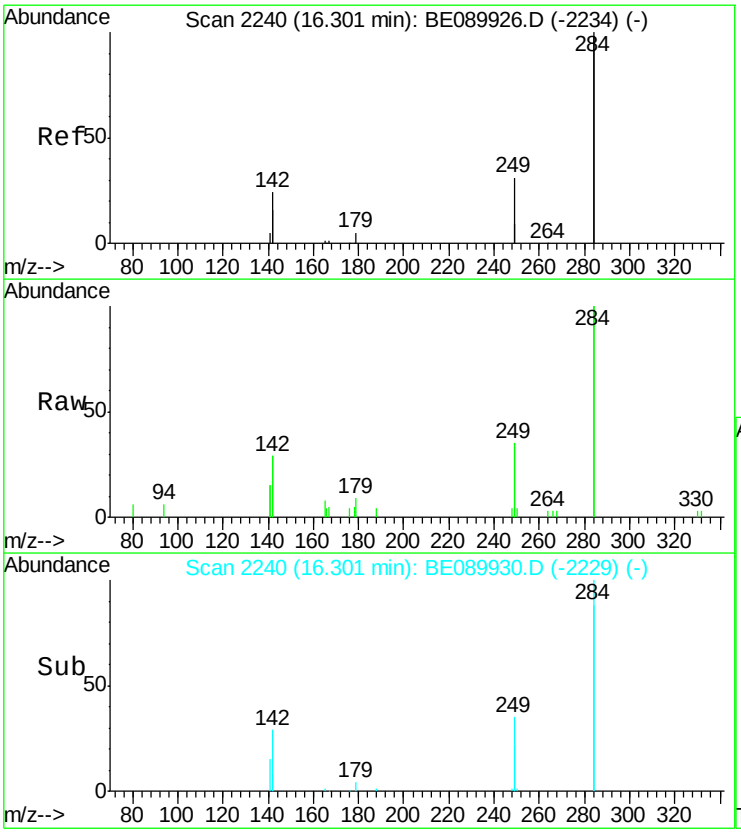
#19
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.20 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 962

Ion	Ratio	Lower	Upper
248	100		
250	95.7	79.3	118.9
141	342.4	274.1	411.1

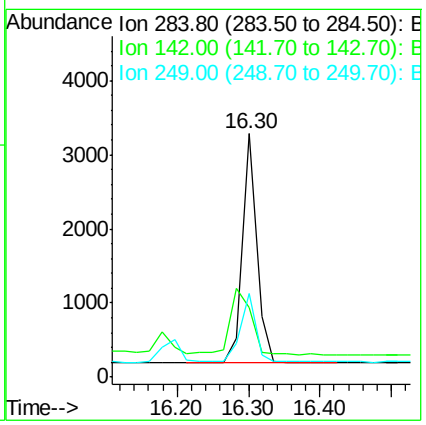


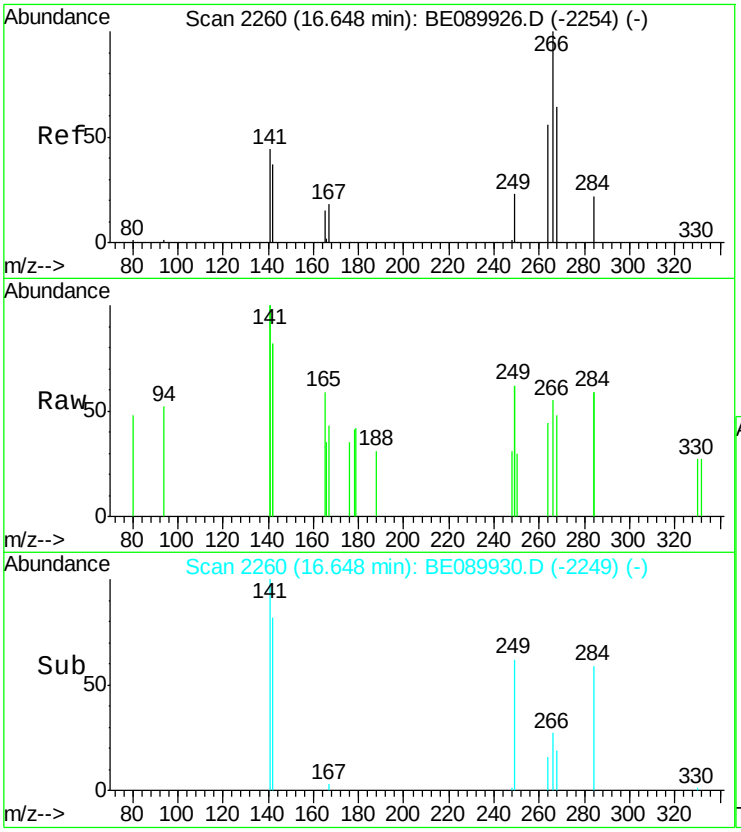


#20
Hexachlorobenzene
Concen: 0.48 ng
RT: 16.30 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:284 Resp: 4315

Ion	Ratio	Lower	Upper
284	100		
142	40.9	32.0	48.0
249	31.6	25.0	37.6



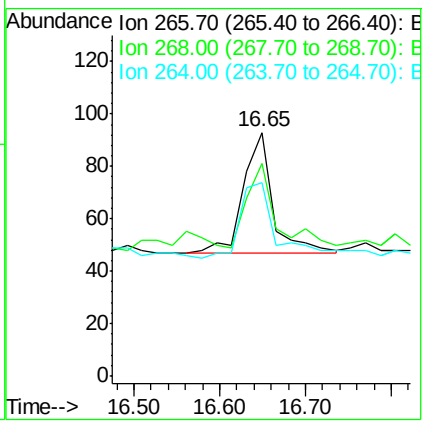


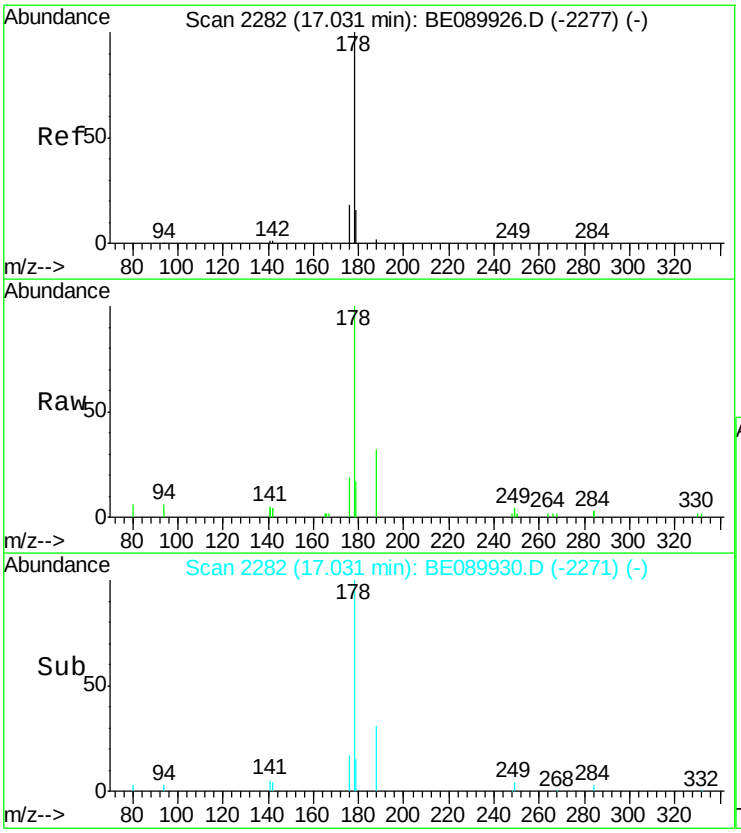
#21
Pentachlorophenol
Concen: 0.05 ng
RT: 16.65 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:266 Resp: 110

Ion	Ratio	Lower	Upper
266	100		
268	87.1	54.4	81.6#
264	79.6	48.2	72.2#

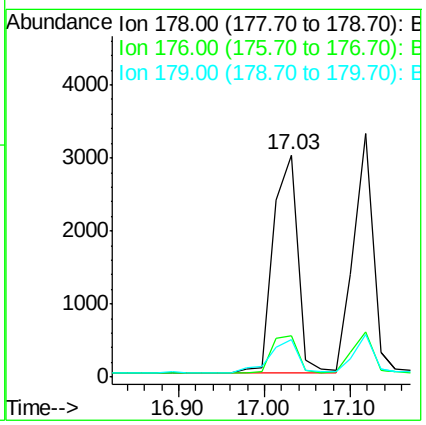


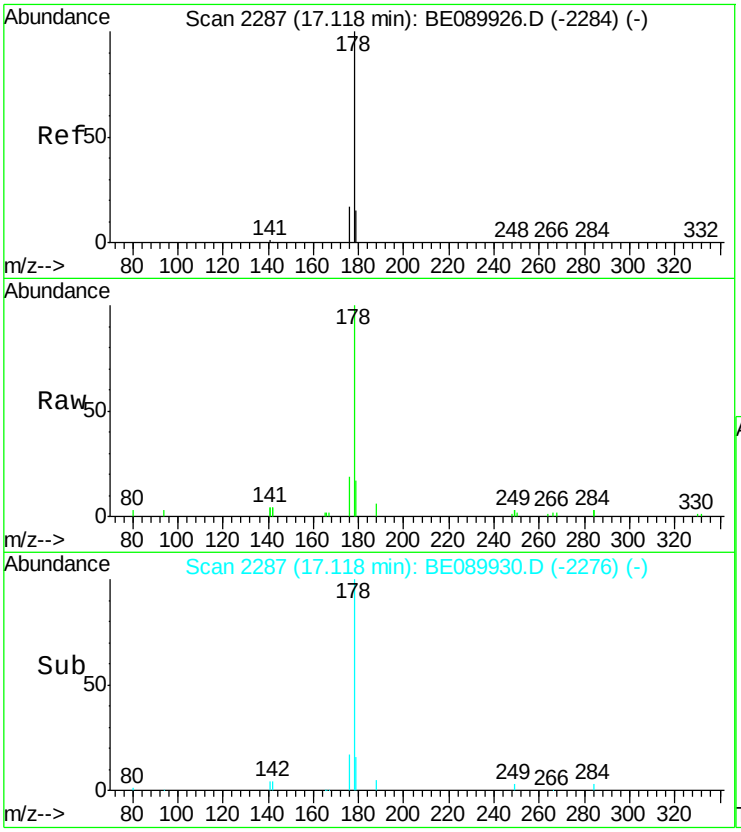


#22
Phenanthrene
Concen: 0.10 ng
RT: 17.03 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:178 Resp: 5966

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	17.2	12.6	19.0



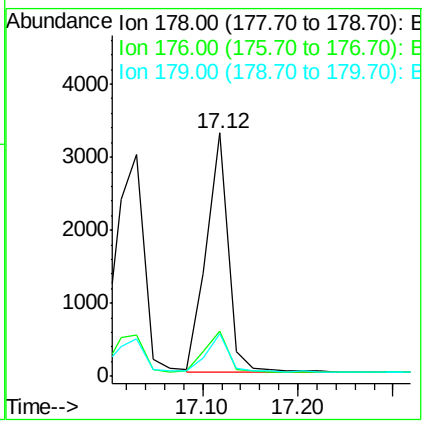


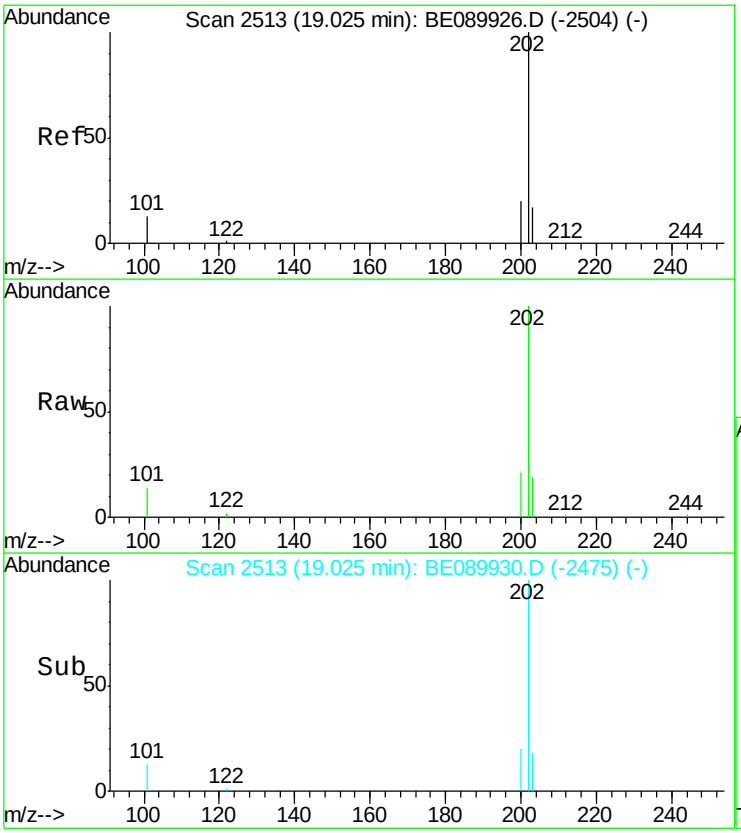
#23
Anthracene
Concen: 0.18 ng
RT: 17.12 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 5212

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.7	12.3	18.5

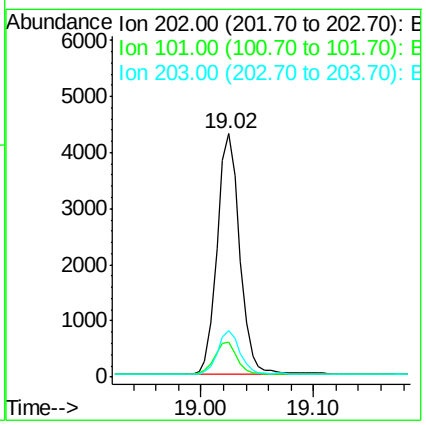


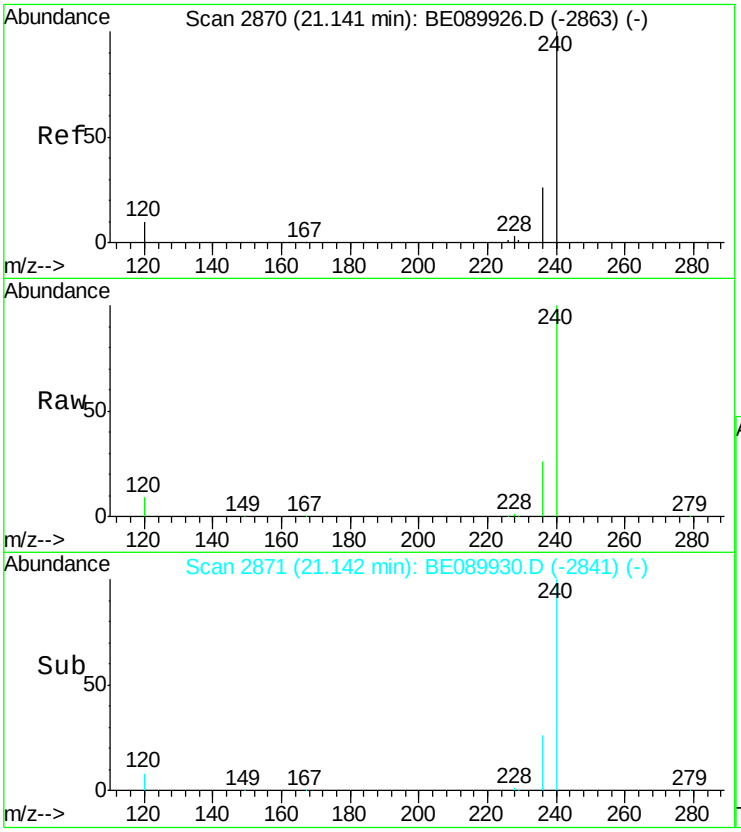


#24
Fluoranthene
Concen: 0.14 ng
RT: 19.02 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:202 Resp: 5993

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
203	17.3	13.8	20.8



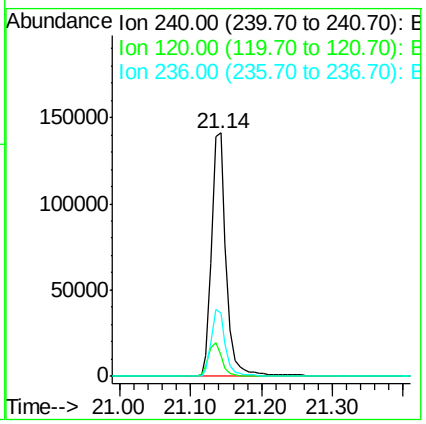


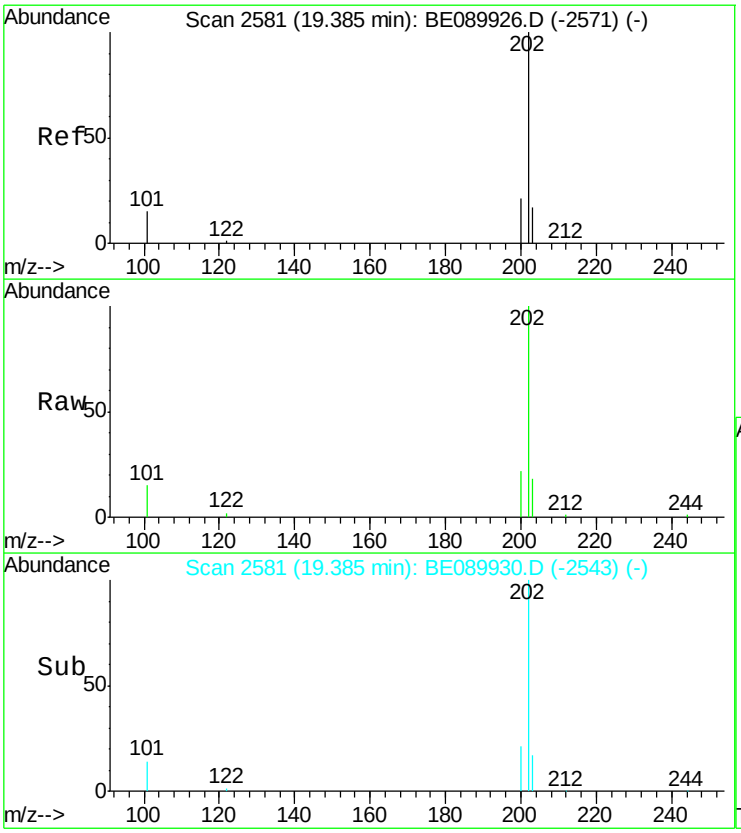
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2871
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 202846

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.9	11.9
236	25.8	21.2	31.8

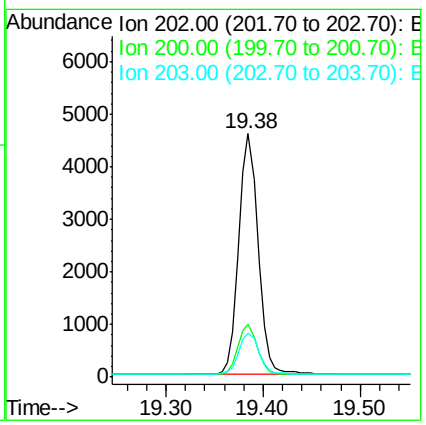


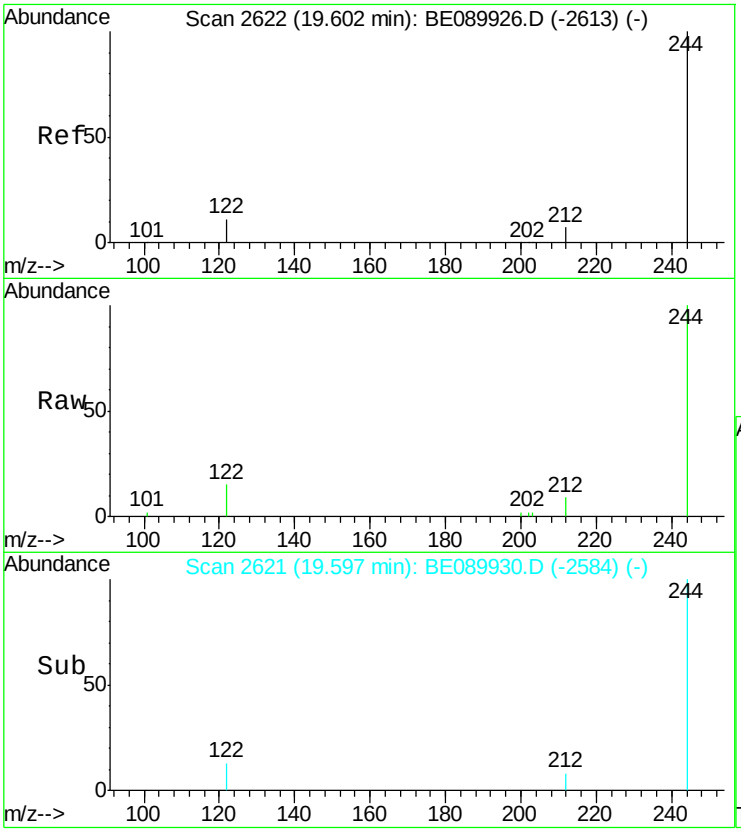


#26
Pyrene
Concen: 0.09 ng
RT: 19.38 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:202 Resp: 6128

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.7	13.9	20.9



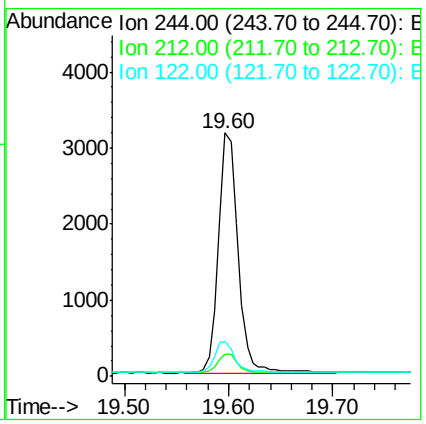


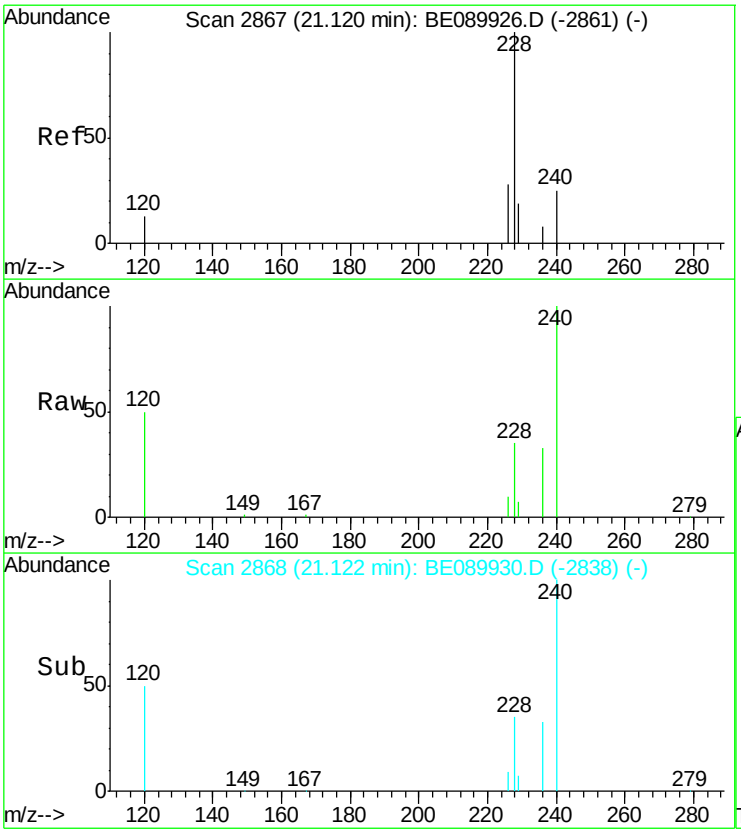
#27
Terphenyl-d14
Concen: 0.14 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 4141

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.1	9.1
122	14.6	8.7	13.1#

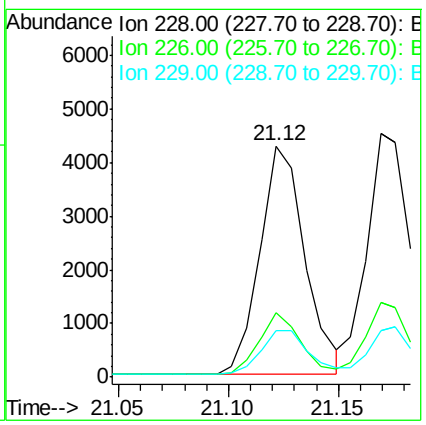


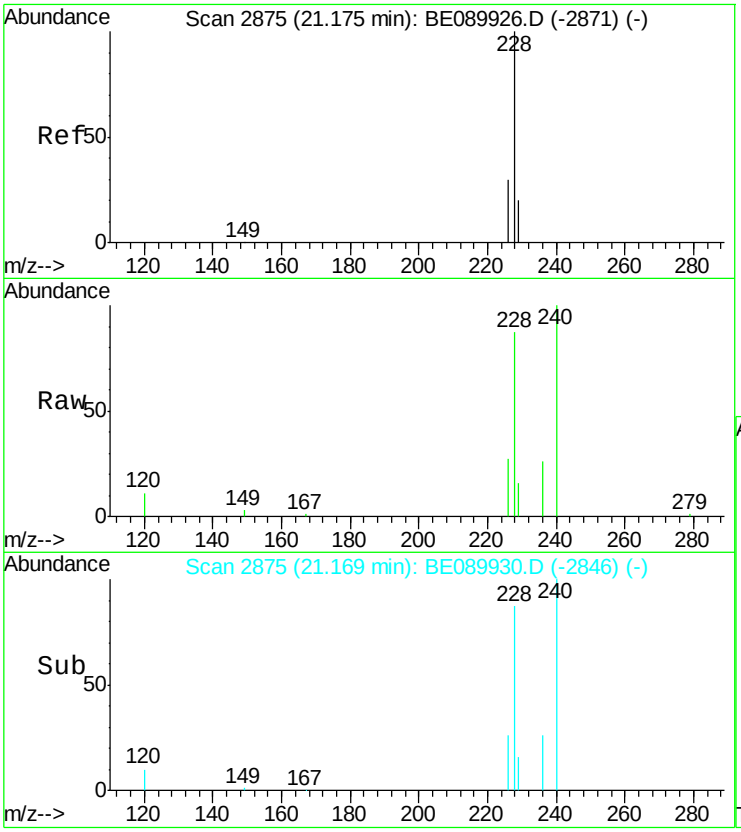


#28
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:228 Resp: 6050

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	20.1	15.3	22.9



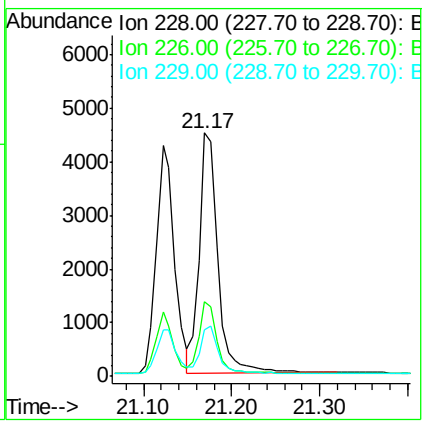


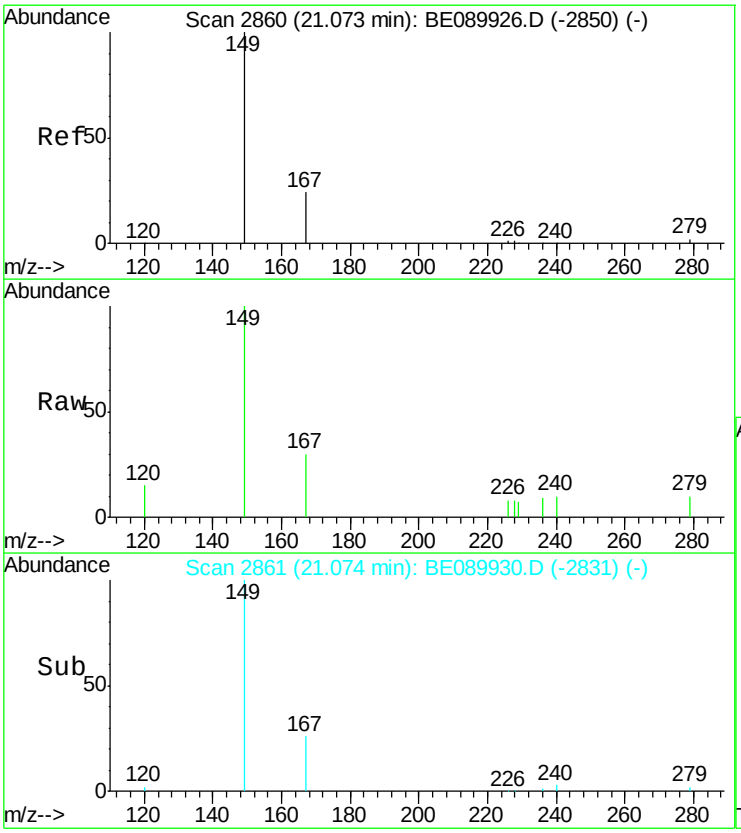
#29
Chrysene
Concen: 0.11 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 6622

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	18.9	15.8	23.8

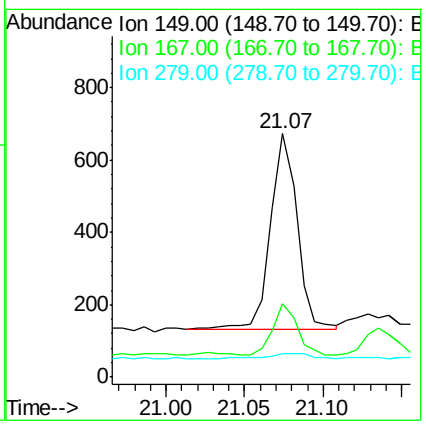


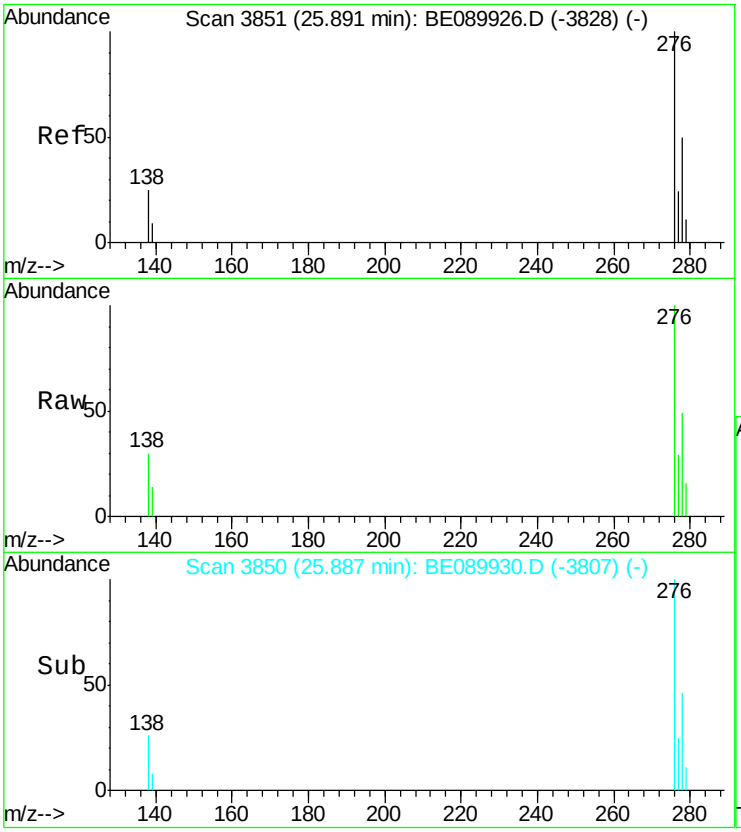


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.02 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:149 Resp: 633

Ion	Ratio	Lower	Upper
149	100		
167	23.5	20.3	30.5
279	4.7	2.7	4.1#



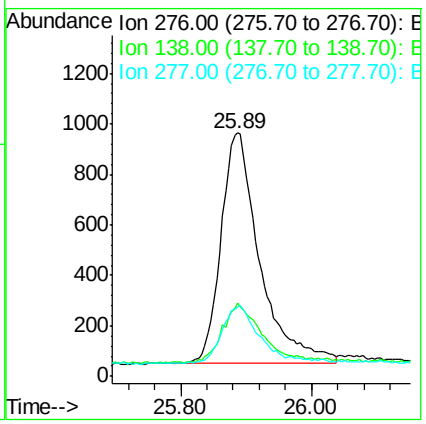


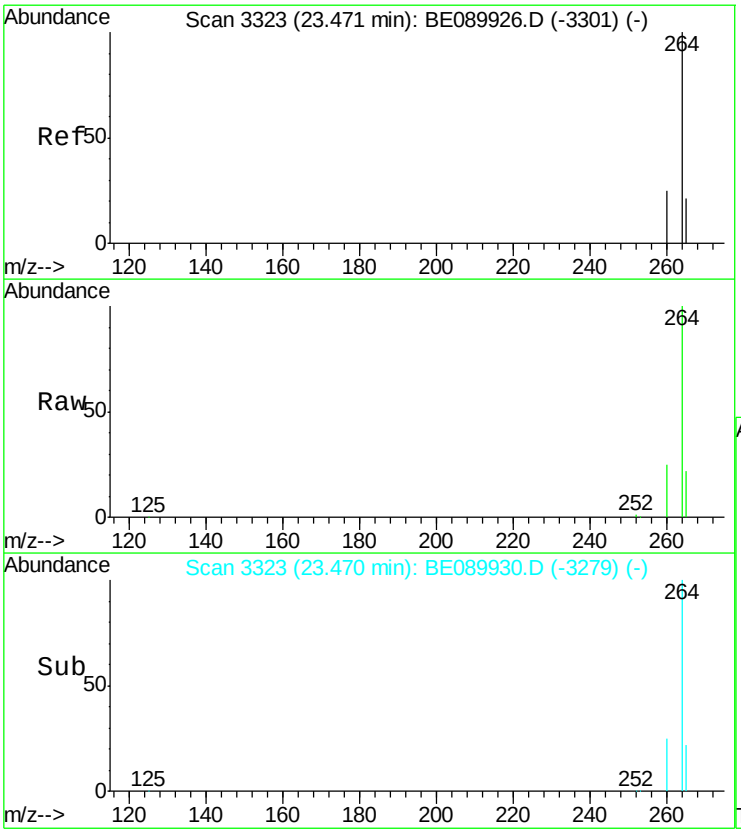
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.89 min Scan# 3850
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3761

Ion	Ratio	Lower	Upper
276	100		
138	25.2	0.0	0.0#
277	24.6	0.0	0.0#

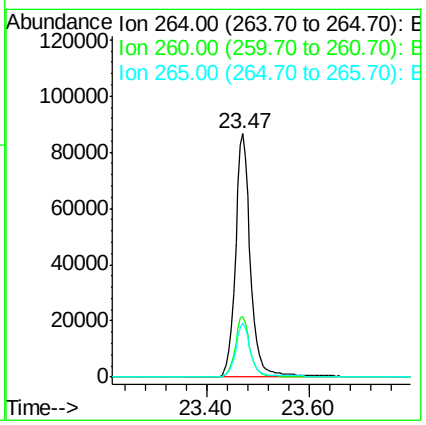


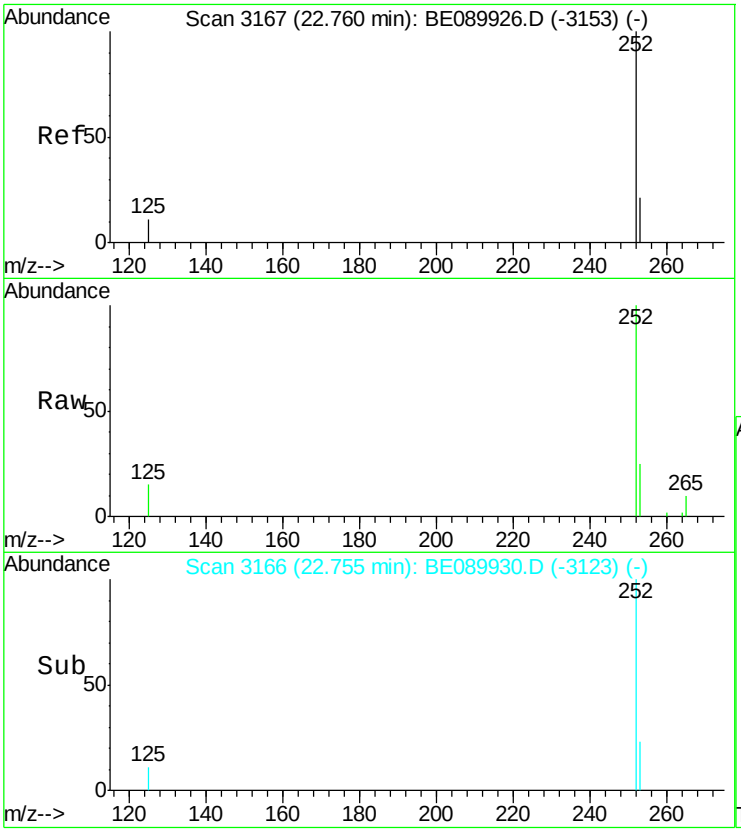


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:264 Resp: 176157

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	22.0	17.3	25.9



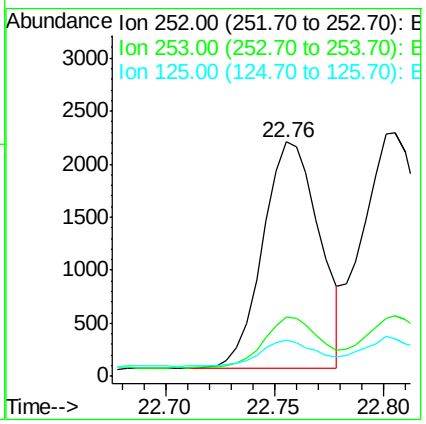


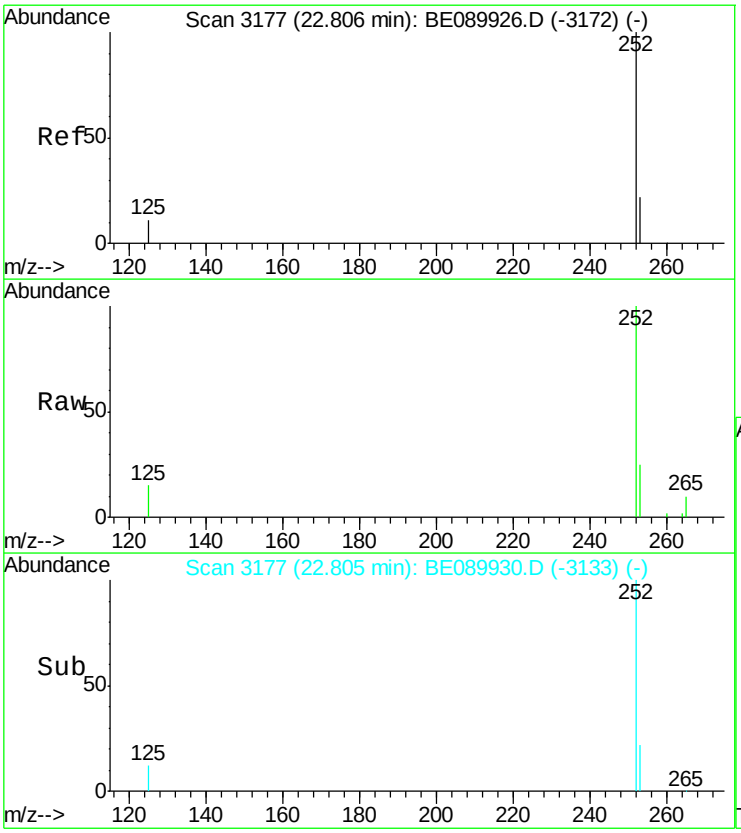
#33
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3849

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.3	25.9
125	15.5	9.3	13.9#

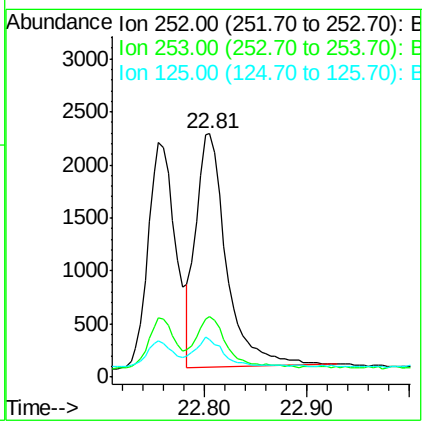


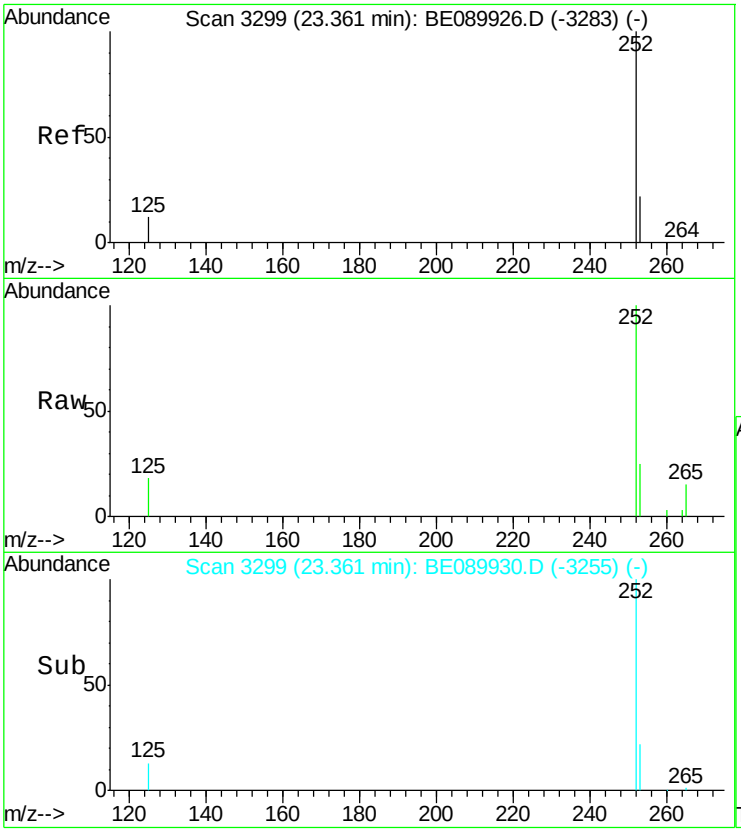


#34
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 22.81 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:252 Resp: 4567

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.9	26.9
125	15.3	9.2	13.8#



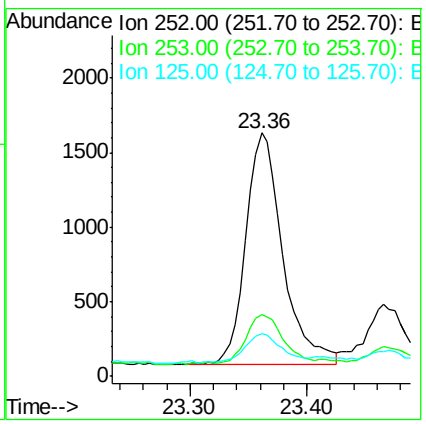


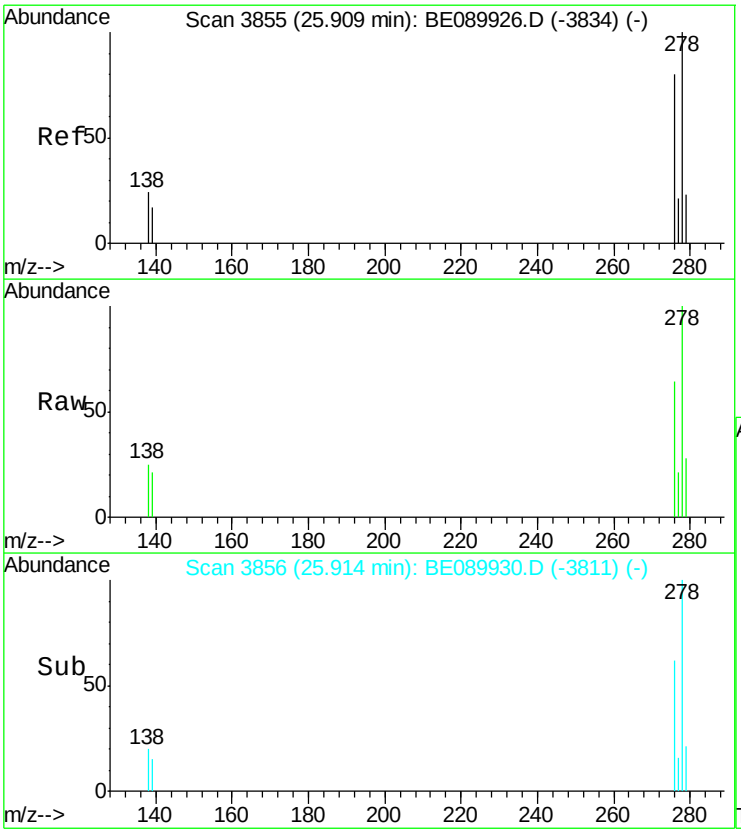
#35
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3417

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	17.5	10.3	15.5#

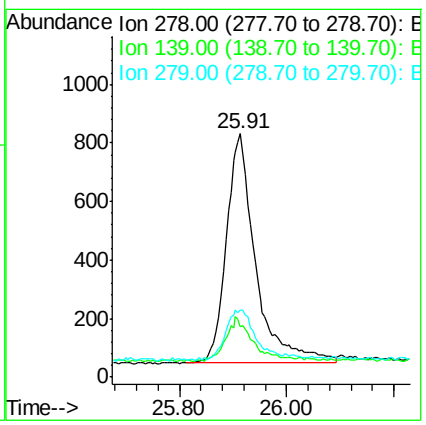


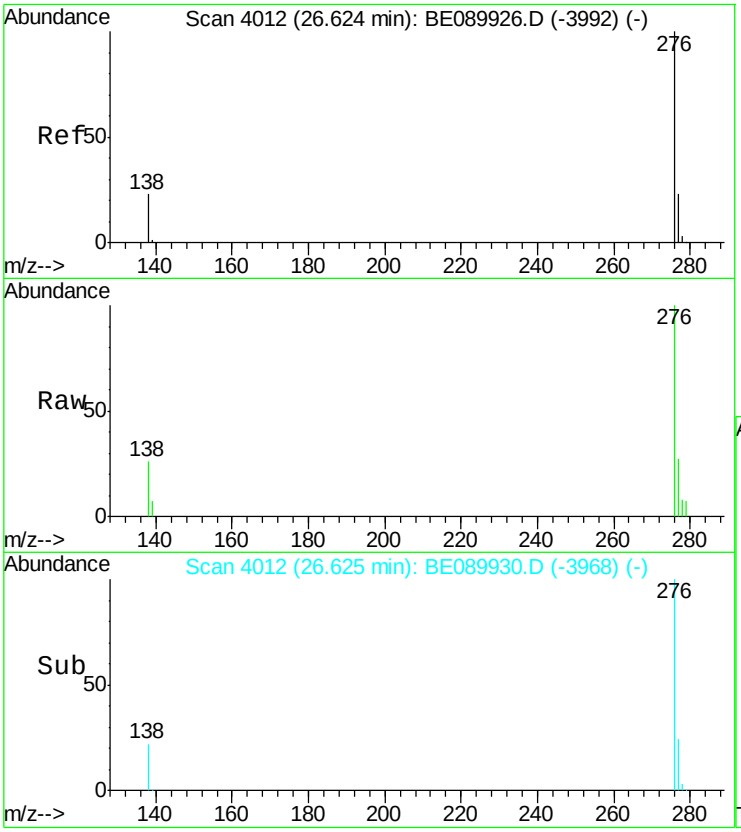


#36
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 25.91 min Scan# 3856
Delta R.T. 0.01 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Tgt Ion:278 Resp: 2987

Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.1	21.1
279	27.8	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.62 min Scan# 4012
Delta R.T. 0.00 min
Lab File: BE089930.D
Acq: 24 Jun 2015 00:59

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3455

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.0	28.4
138	26.4	18.8	28.2