Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089955.D
Acq On : 27 Jun 2015 00:24
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Jun 27 01:48:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	25008	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	111993	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	69997	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	168493	5.00	ng		0.00
25) Chrysene-d12	21.13	240	198804	5.00	ng		0.00
32) Perylene-d12	23.46	264	171406	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	3852	0.85	ng		0.00
5) Phenol-d6	6.81	99	6201	0.90	ng		0.00
7) Nitrobenzene-d5	8.77	82	7123	0.85	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	764	0.91	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	18382	0.90	ng		0.00
27) Terphenyl-d14	19.60	244	29675	0.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	2877	0.95	ng		99
3) n-Nitrosodimethylamine	3.55	42	3849	0.86	ng	#	90
8) Nitrobenzene	8.81	77	7452	0.84	ng		100
9) Naphthalene	10.44	128	23124	0.93	ng		100
10) Hexachlorobutadiene	10.73	225	3720	0.94	ng		99
11) 2-Methylnaphthalene	12.05	142	15324	0.90	ng		98
15) Acenaphthylene	13.96	152	113540	0.93	ng		100
16) Acenaphthene	14.30	154	16979	0.94	ng		97
17) Fluorene	15.29	166	23012	1.01	ng		98
19) 4-Bromophenyl-phenylether	16.18	248	6146	0.89	ng		95
20) Hexachlorobenzene	16.30	284	28448	0.94	ng		100
21) Pentachlorophenol	16.63	266	3867	2.65	ng		91
22) Phenanthrene	17.01	178	39132	0.93	ng		100
23) Anthracene	17.12	178	35526	0.91	ng		100
24) Fluoranthene	19.02	202	42910	0.94	ng		99
26) Pyrene	19.38	202	45208	0.90	ng		100
28) Benzo(a)anthracene	21.12	228	43350	0.91	ng		99
29) Chrysene	21.17	228	45918	0.88	ng		98
30) Bis(2-ethylhexyl)phthalate	21.07	149	3836	0.95	ng		99
31) Indeno(1,2,3-cd)pyrene	25.88	276	35913	0.94	ng	#	100
33) Benzo(b)fluoranthene	22.75	252	34049	0.94	ng		100
34) Benzo(k)fluoranthene	22.80	252	39664	0.96	ng		99
35) Benzo(a)pyrene	23.36	252	29759	0.92	ng		99
36) Dibenzo(a,h)anthracene	25.90	278	28543	0.95	ng		100
37) Benzo(g,h,i)perylene	26.62	276	30142	0.93	ng		99

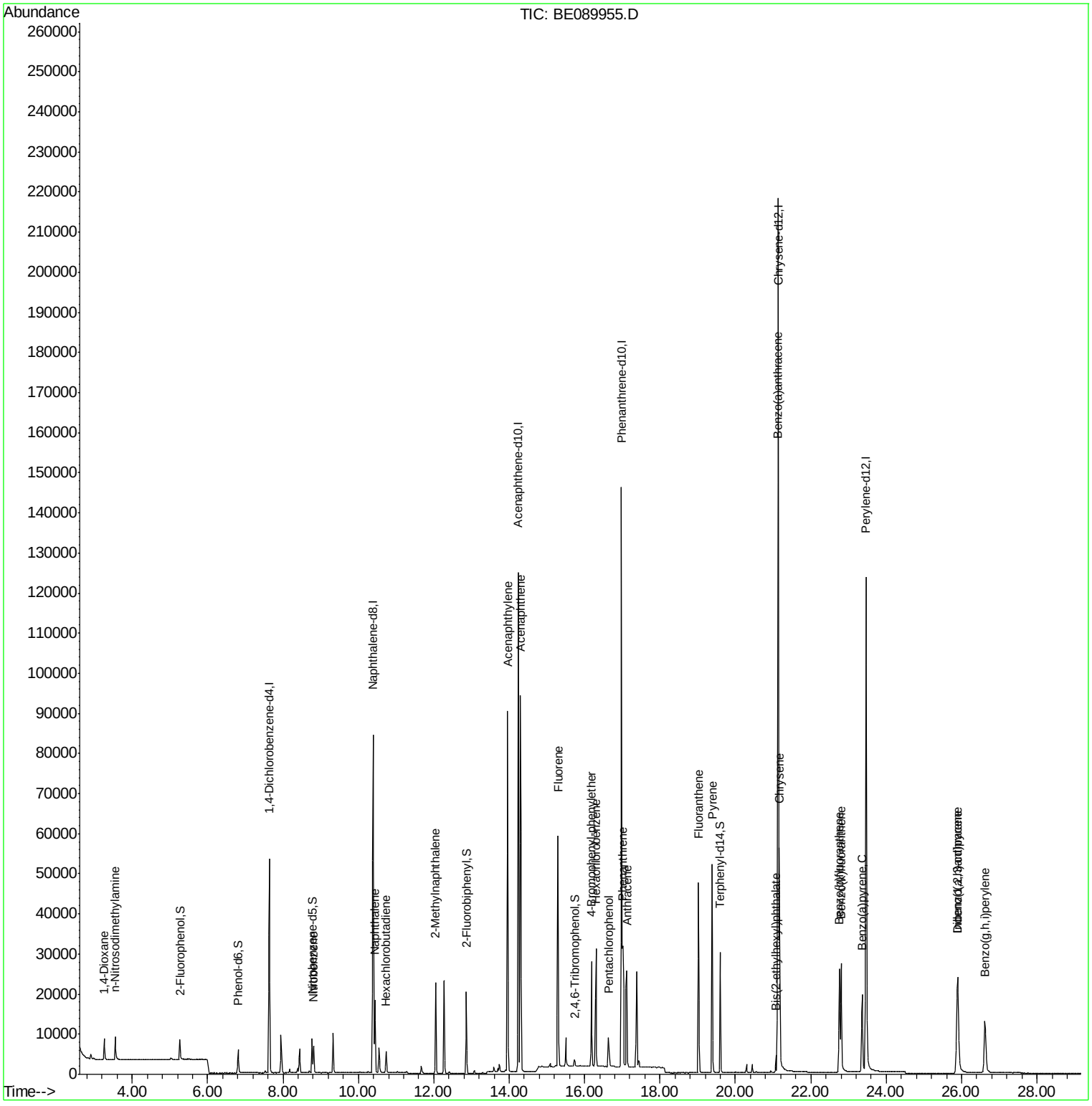
(#) = qualifier out of range (m) = manual integration (+) = signals summed

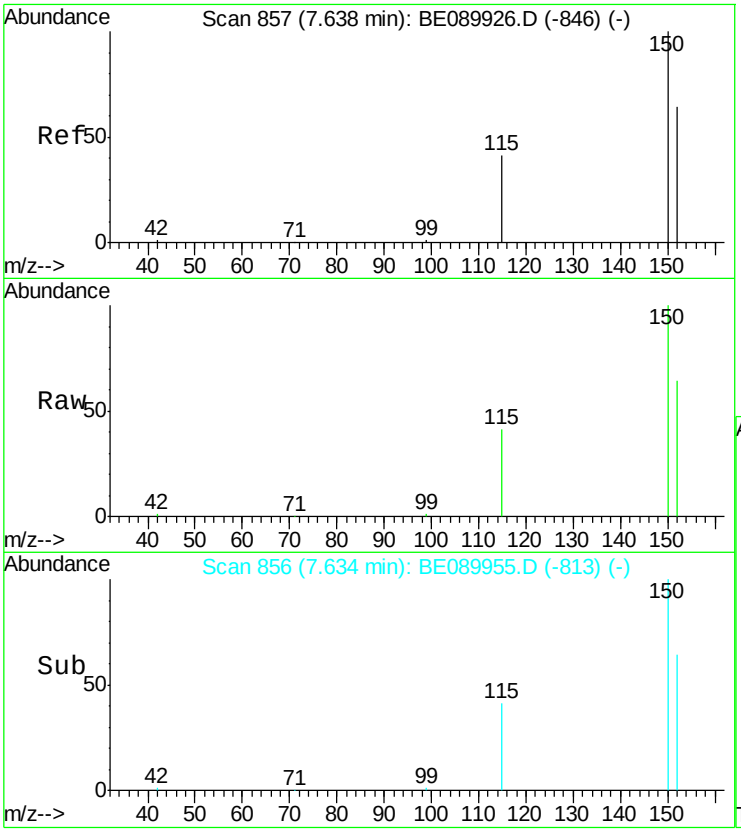
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089955.D
Acq On : 27 Jun 2015 00:24
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Quant Time: Jun 27 01:48:05 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



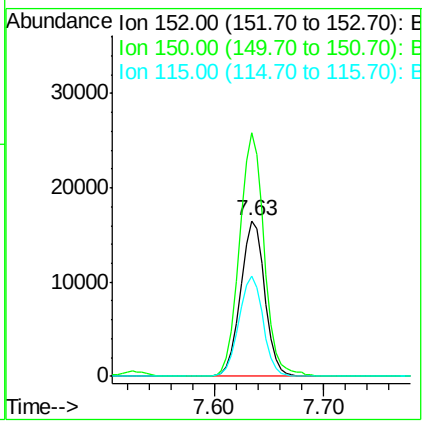


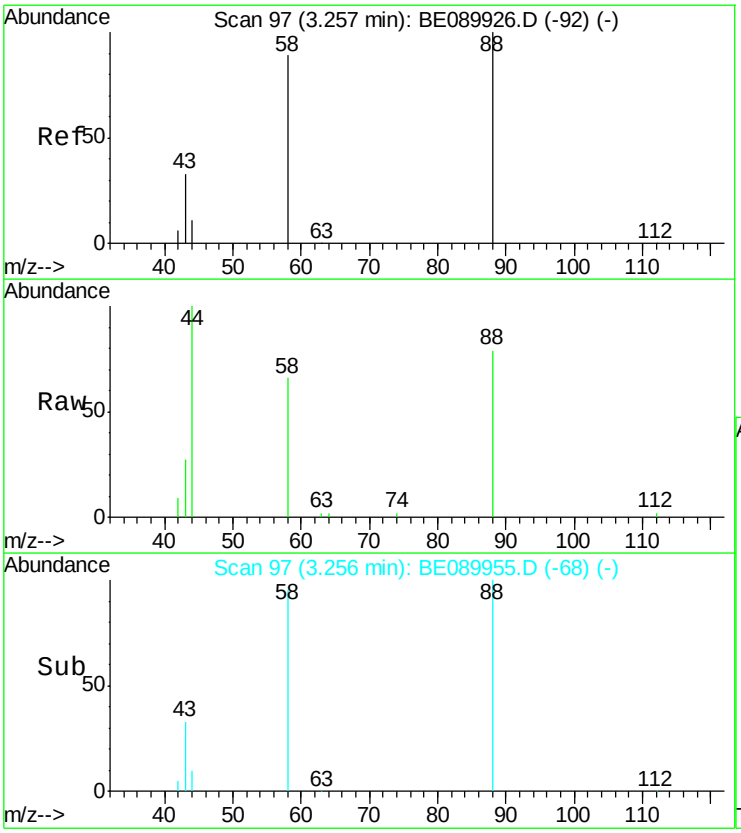
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 25008

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	64.6	51.6	77.4

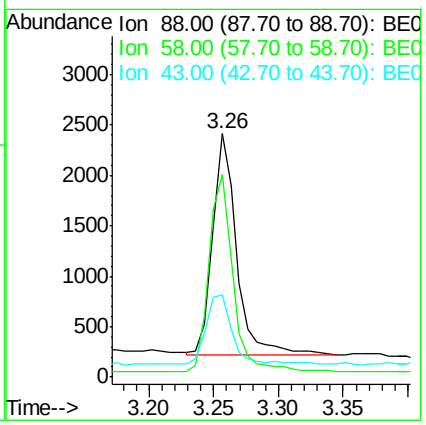


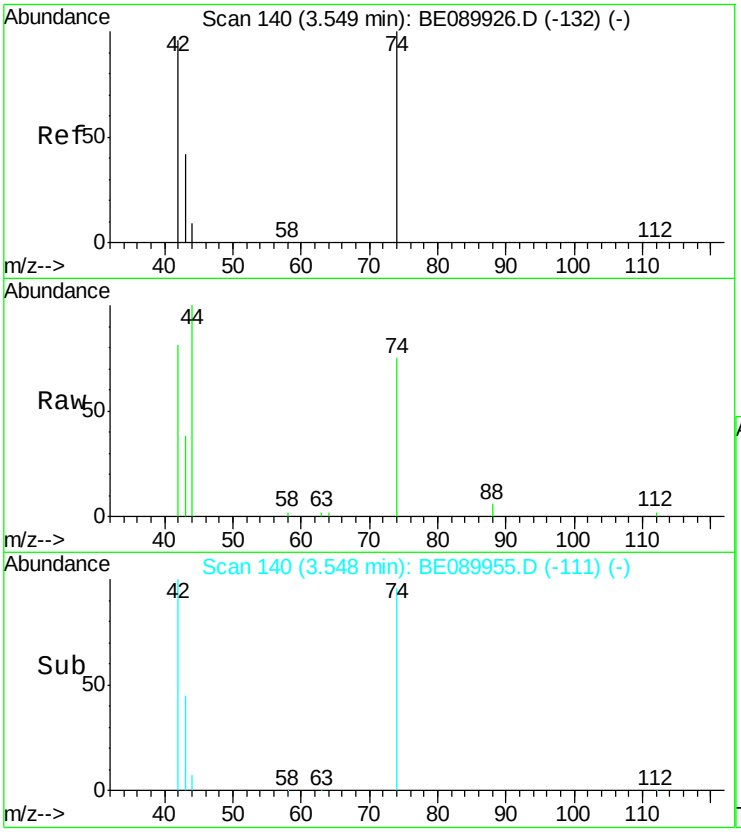


#2
1,4-Dioxane
Concen: 0.95 ng
RT: 3.26 min Scan# 97
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion: 88 Resp: 2877

Ion	Ratio	Lower	Upper
88	100		
58	88.8	70.8	106.2
43	34.8	26.8	40.2



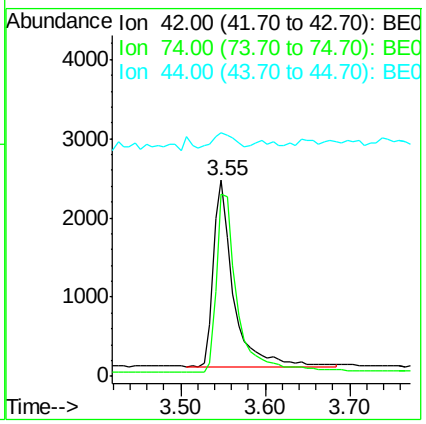


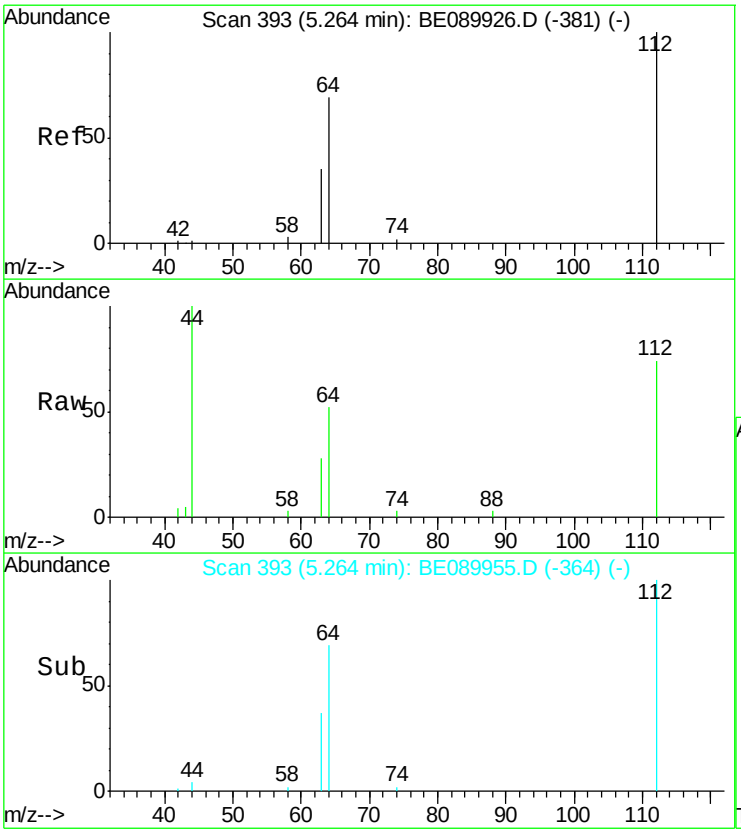
#3
n-Nitrosodimethylamine
Concen: 0.86 ng
RT: 3.55 min Scan# 140
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 42 Resp: 3849

Ion	Ratio	Lower	Upper
42	100		
74	96.0	85.4	128.2
44	8.2	8.4	12.6#

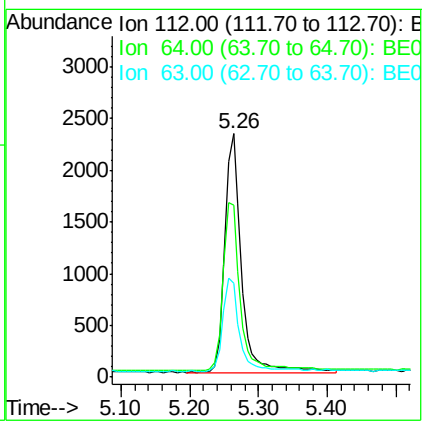


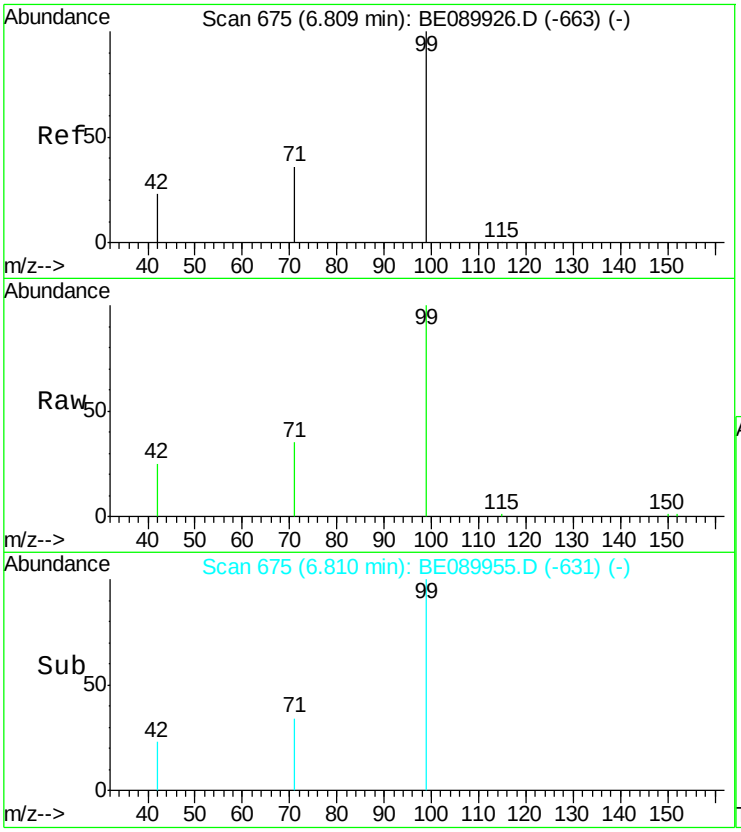


#4
2-Fluorophenol
Concen: 0.85 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:112 Resp: 3852

Ion	Ratio	Lower	Upper
112	100		
64	71.9	57.4	86.2
63	38.2	31.2	46.8



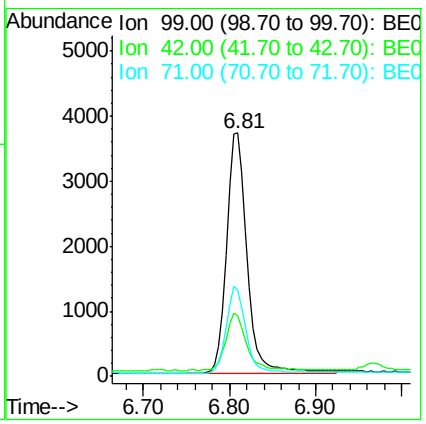


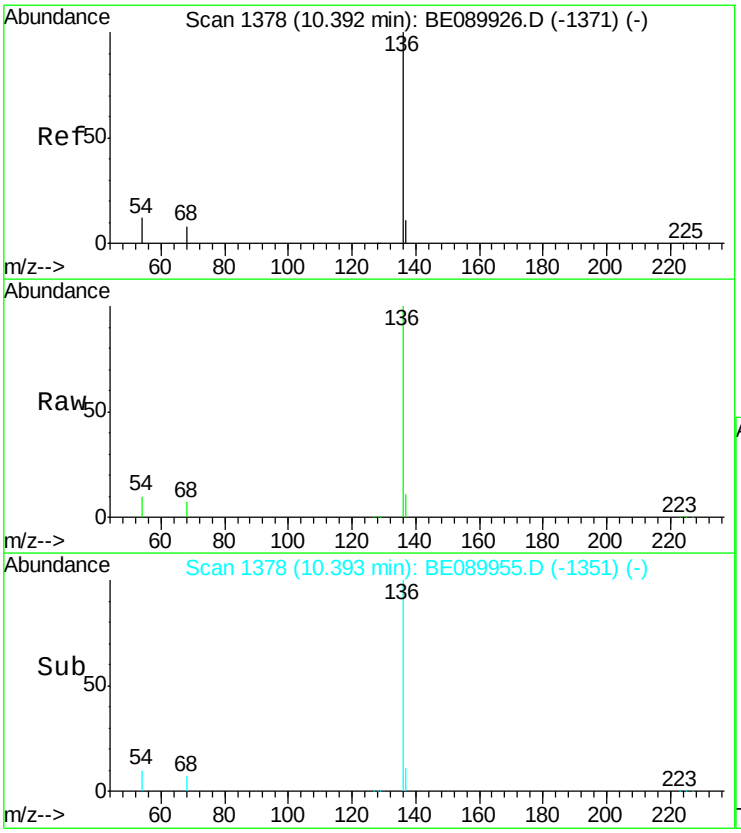
#5
Phenol-d6
Concen: 0.90 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 99 Resp: 6201

Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.5	29.3
71	34.2	27.8	41.6

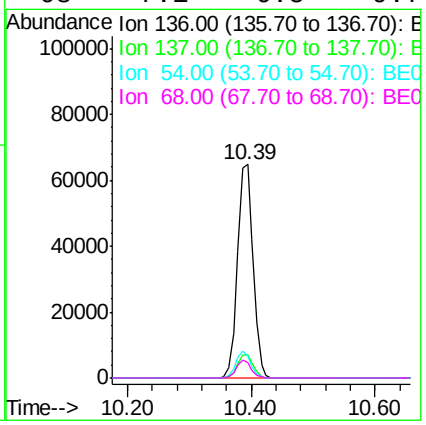


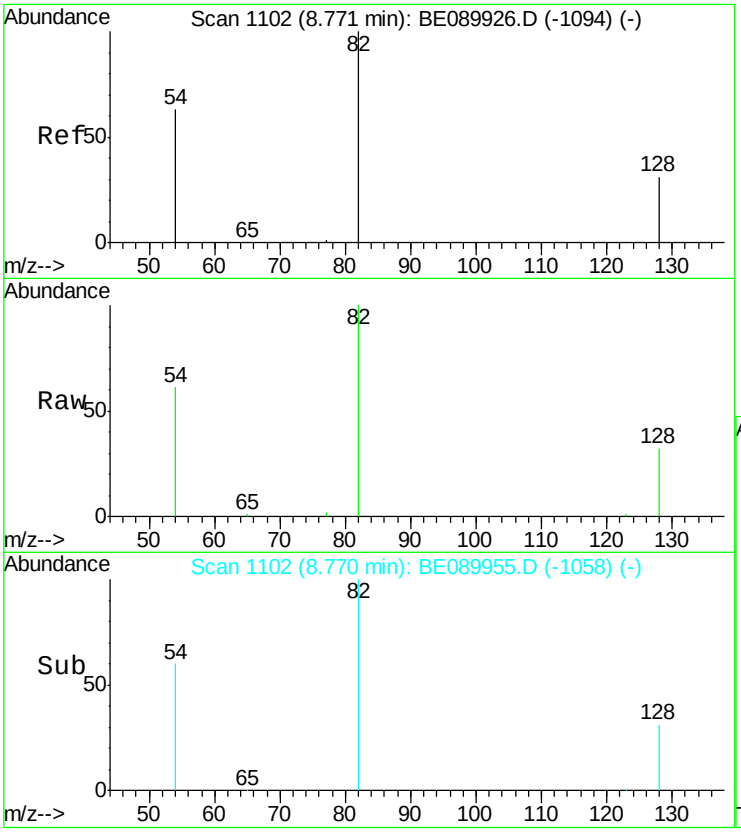


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:136 Resp: 111993

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.3	9.7	14.5
68	7.1	6.5	9.7



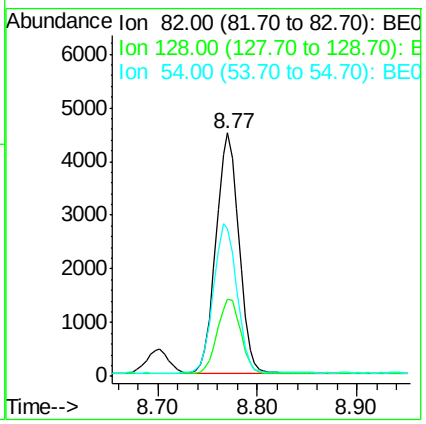


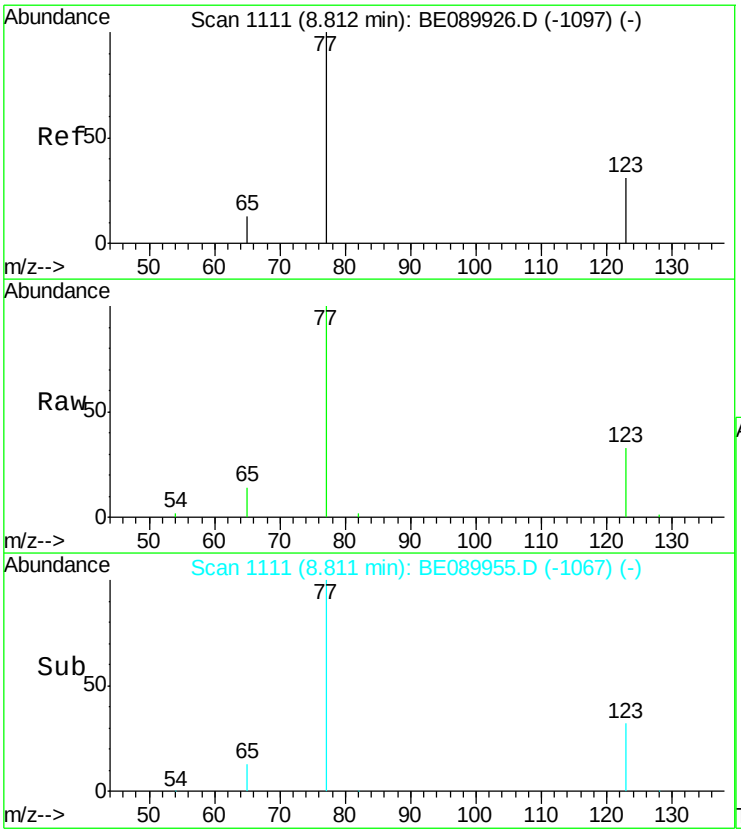
#7
Nitrobenzene-d5
Concen: 0.85 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 82 Resp: 7123

Ion	Ratio	Lower	Upper
82	100		
128	31.9	25.6	38.4
54	60.8	51.2	76.8

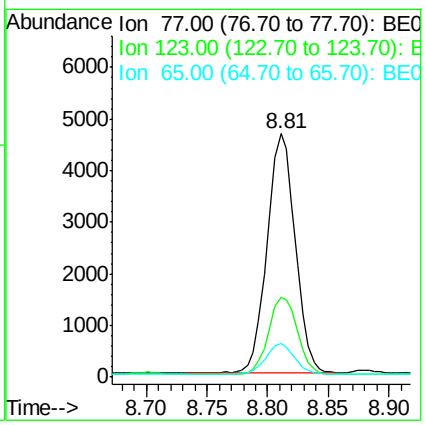


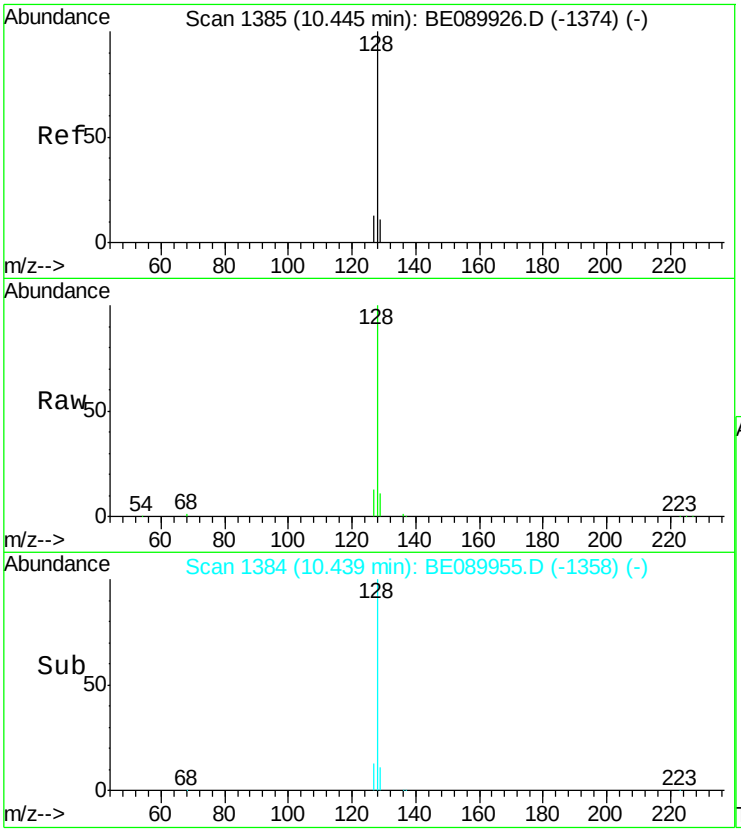


#8
Nitrobenzene
Concen: 0.84 ng
RT: 8.81 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion: 77 Resp: 7452

Ion	Ratio	Lower	Upper
77	100		
123	33.2	26.6	39.8
65	12.7	10.2	15.4



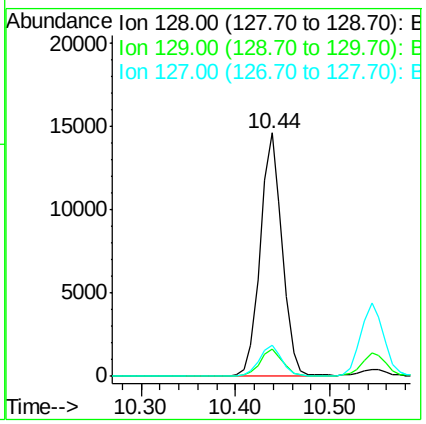


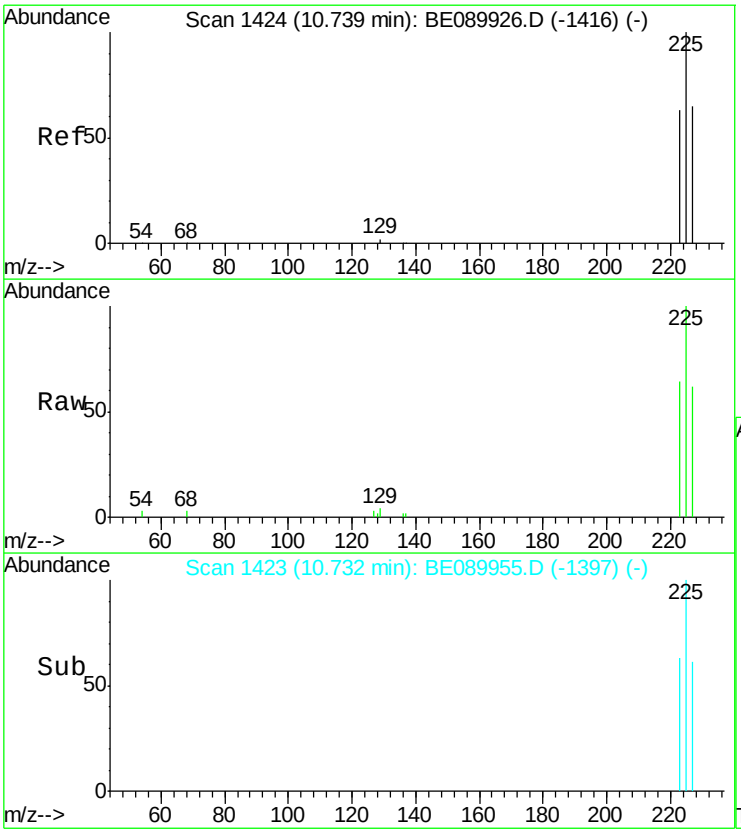
#9
Naphthalene
Concen: 0.93 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:128 Resp: 23124

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	12.9	10.2	15.4

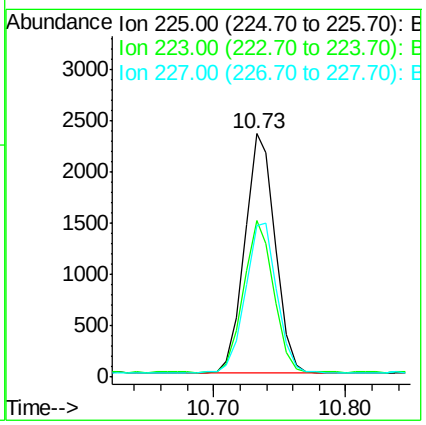


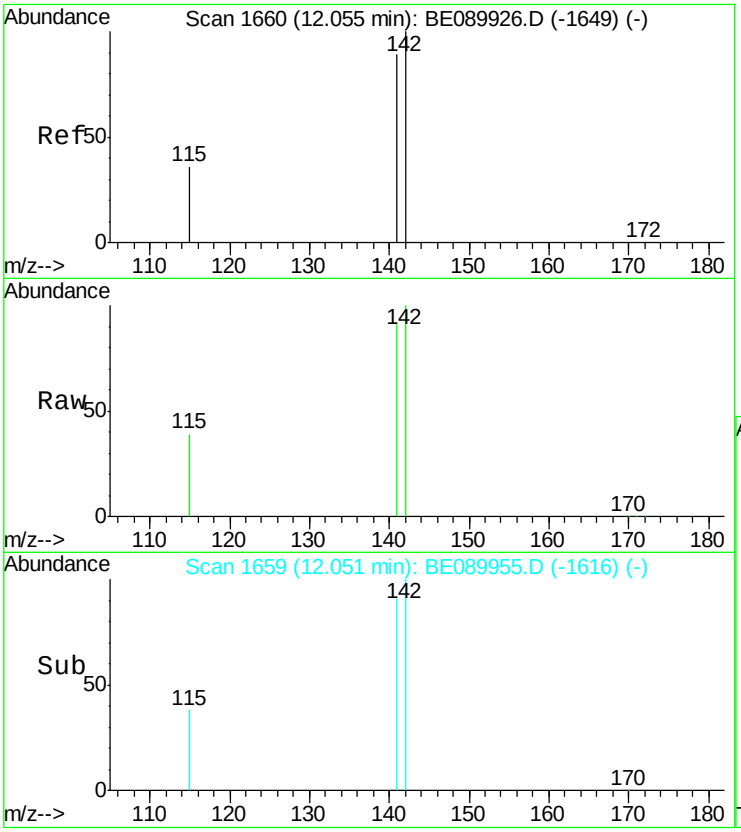


#10
Hexachlorobutadiene
Concen: 0.94 ng
RT: 10.73 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:225 Resp: 3720

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	64.8	50.7	76.1



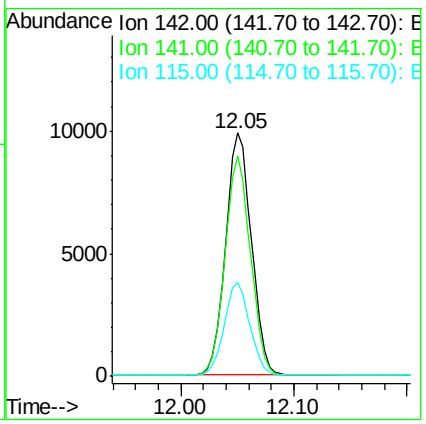


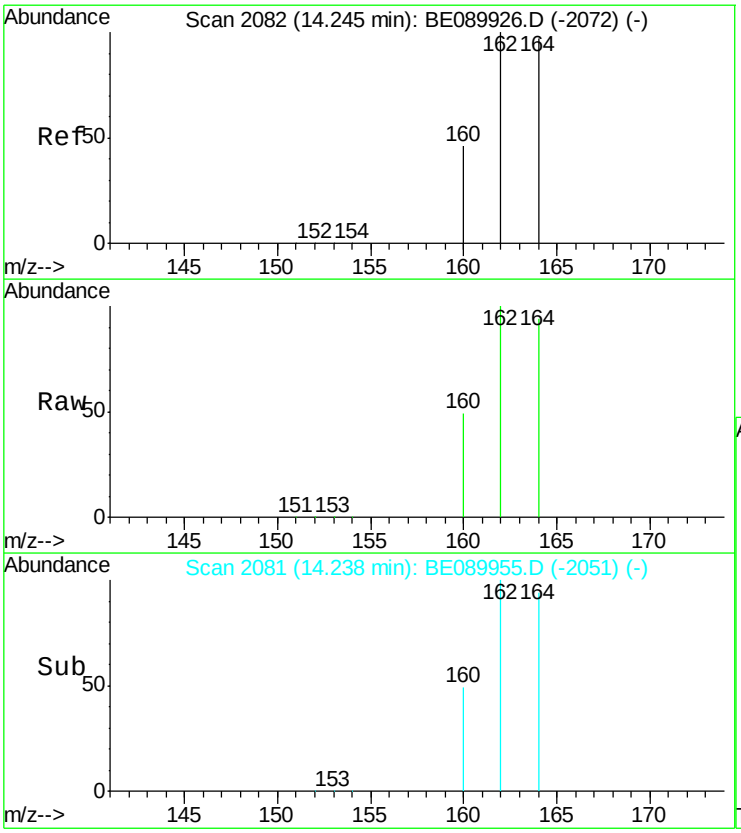
#11
2-Methylnaphthalene
Concen: 0.90 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:142 Resp: 15324

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.1	106.7
115	38.5	29.1	43.7

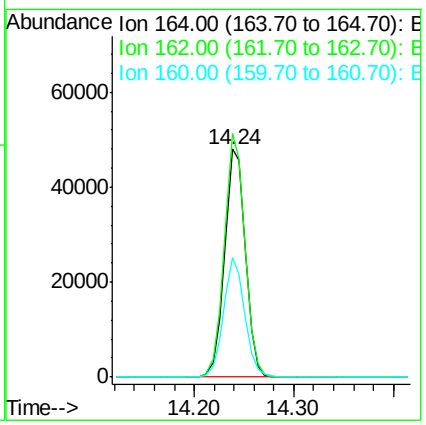


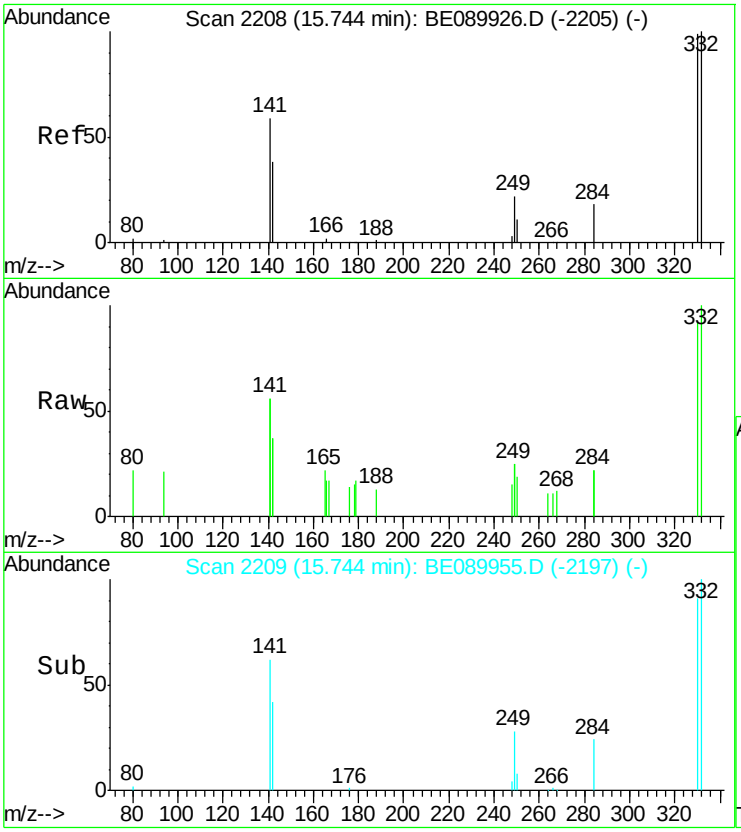


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:164 Resp: 69997

Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.7	124.1
160	52.5	38.3	57.5



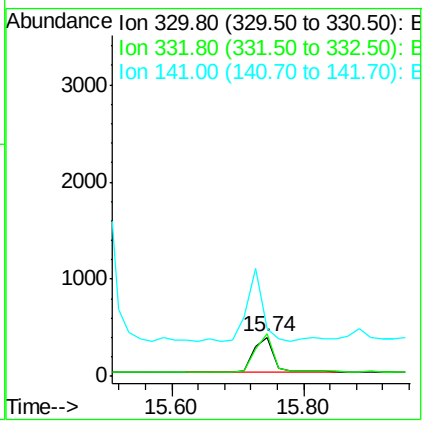


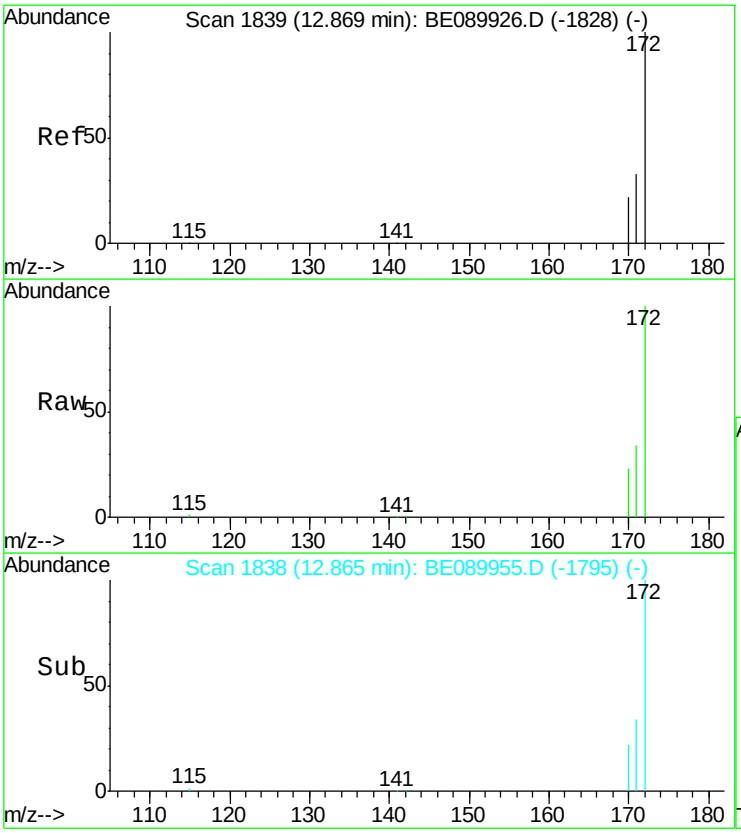
#13
2,4,6-Tribromophenol
Concen: 0.91 ng
RT: 15.74 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:330 Resp: 764

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	167.8	142.8	214.2

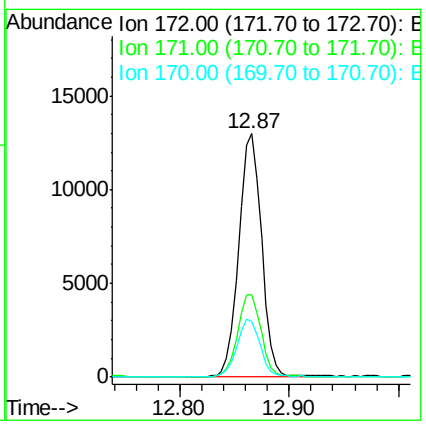


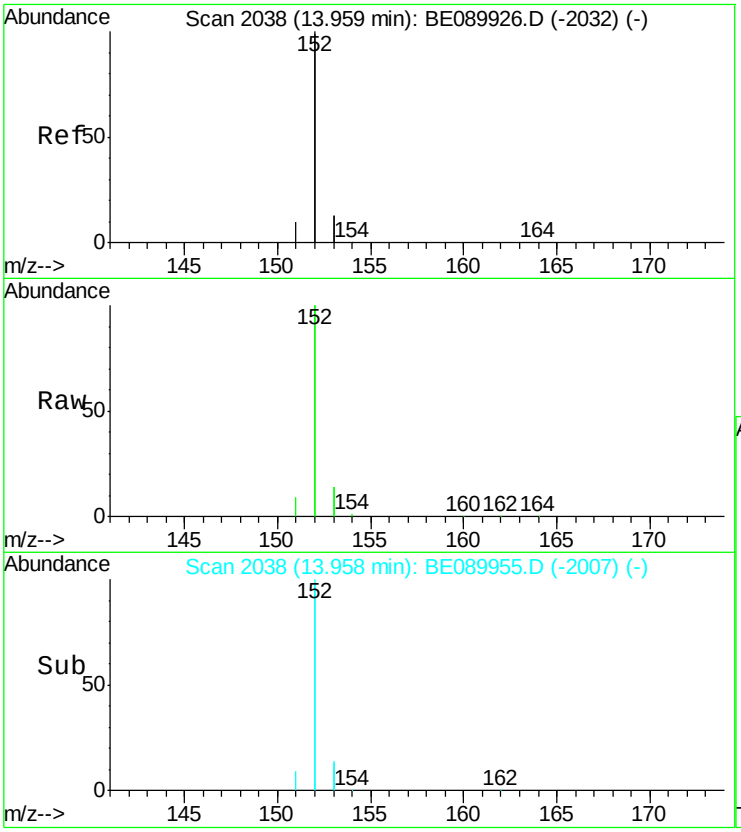


#14
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:172 Resp: 18382

Ion	Ratio	Lower	Upper
172	100		
171	34.0	26.7	40.1
170	22.7	17.5	26.3



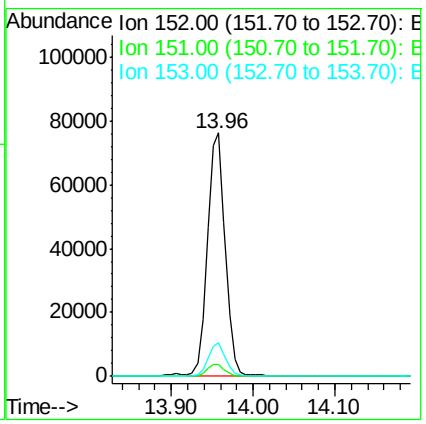


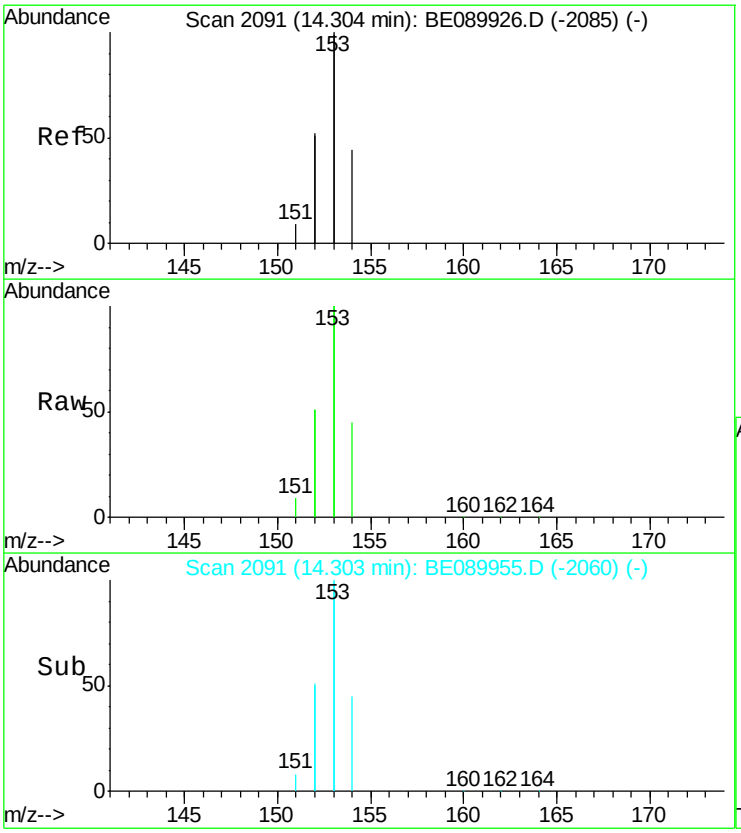
#15
Acenaphthylene
Concen: 0.93 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 113540

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

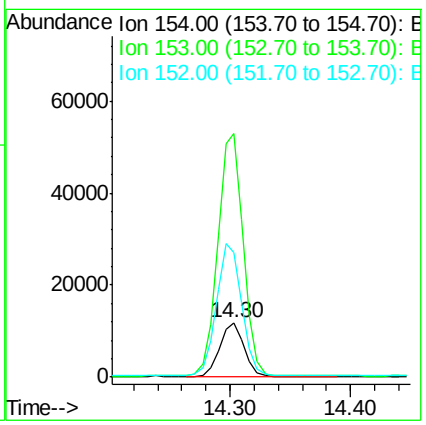


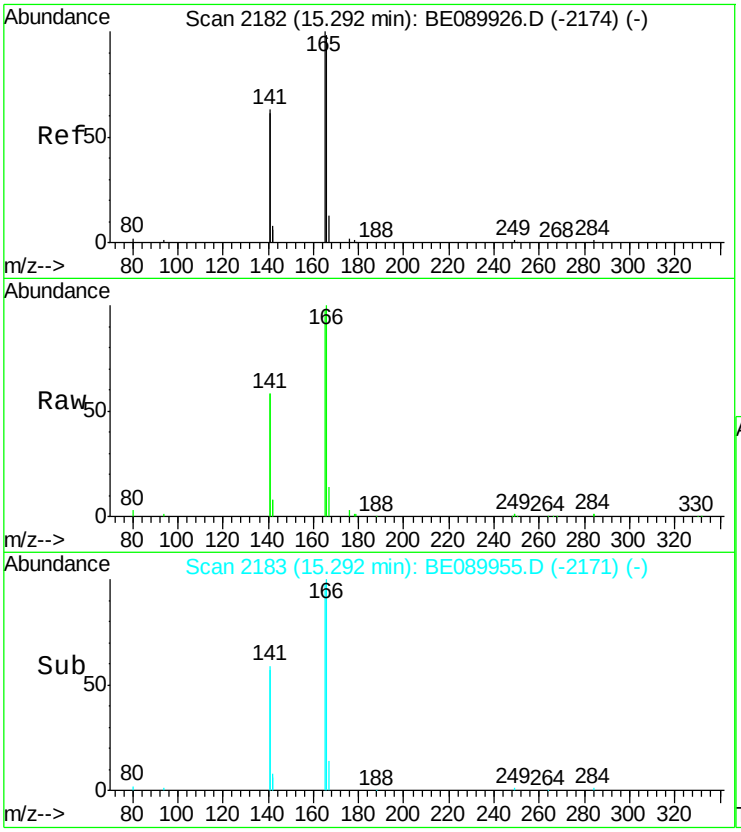


#16
Acenaphthene
Concen: 0.94 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:154 Resp: 16979

Ion	Ratio	Lower	Upper
154	100		
153	458.4	362.8	544.2
152	250.8	194.6	291.8



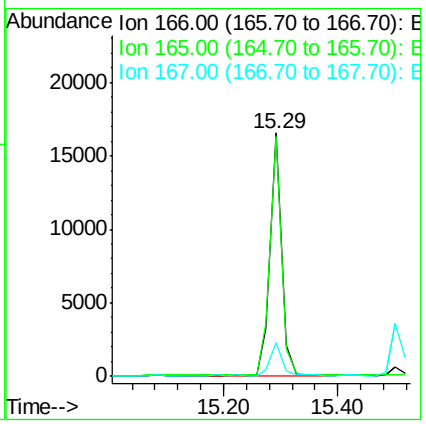


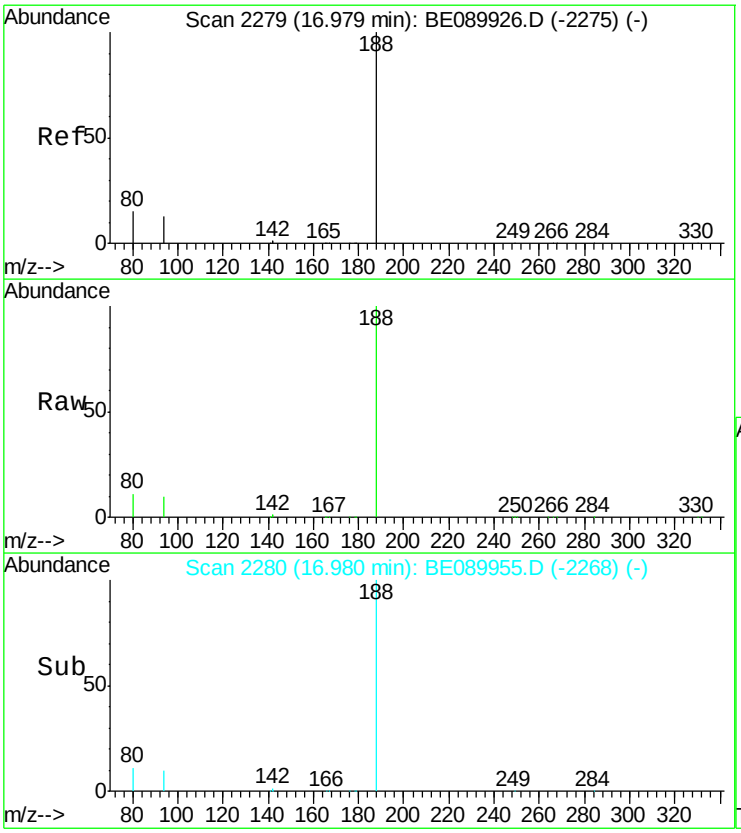
#17
Fluorene
Concen: 1.01 ng
RT: 15.29 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:166 Resp: 23012

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.1	121.7
167	14.5	11.8	17.8

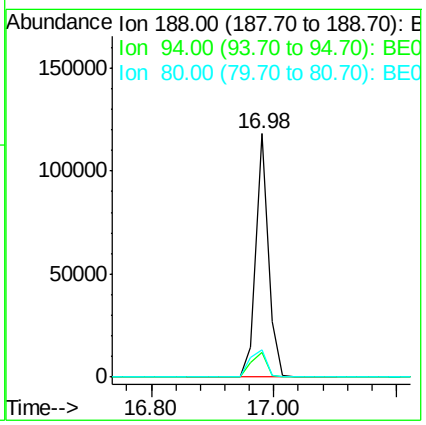


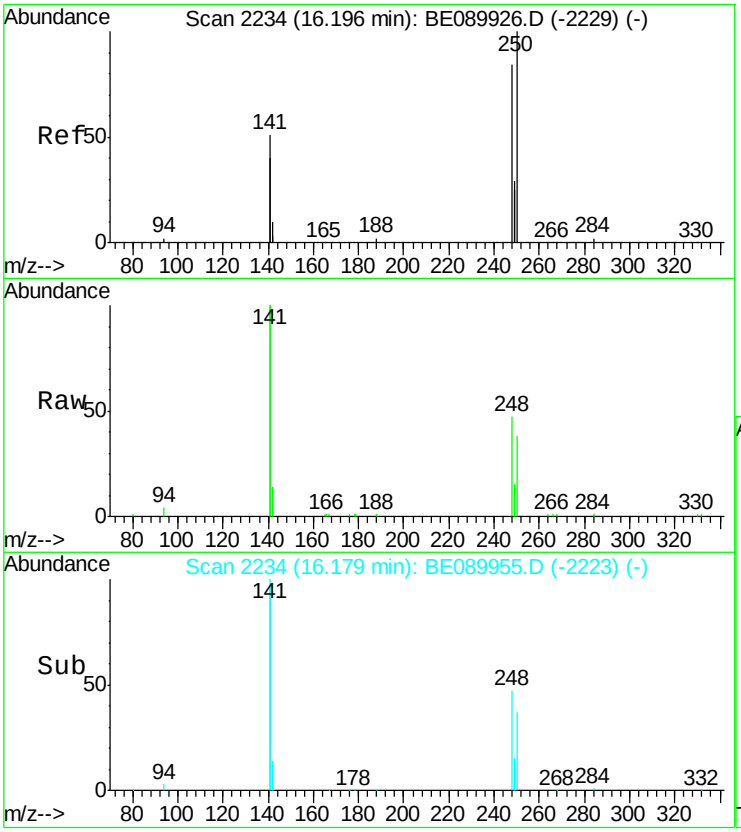


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:188 Resp: 168493

Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.6	16.0#
80	11.2	11.8	17.6#



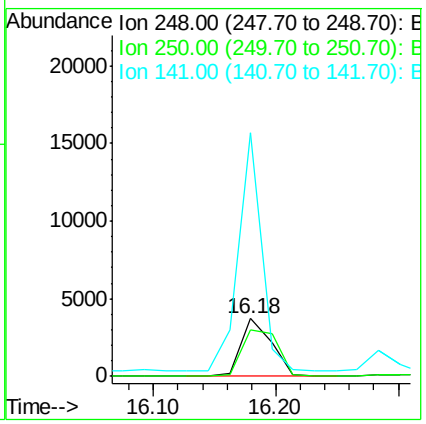


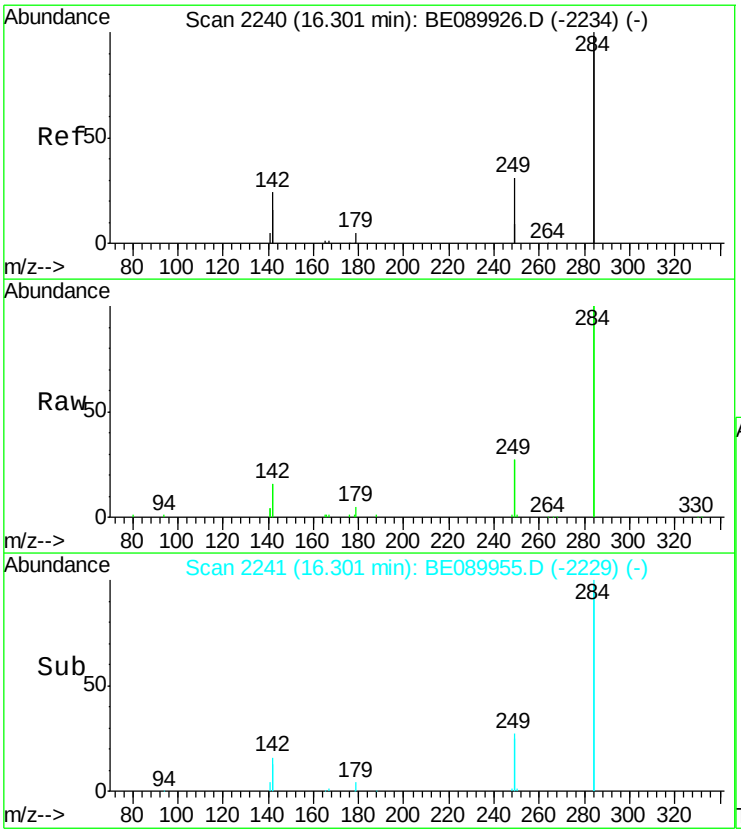
#19
4-Bromophenyl-phenylether
Concen: 0.89 ng
RT: 16.18 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:248 Resp: 6146

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.3	118.9
141	330.6	274.1	411.1

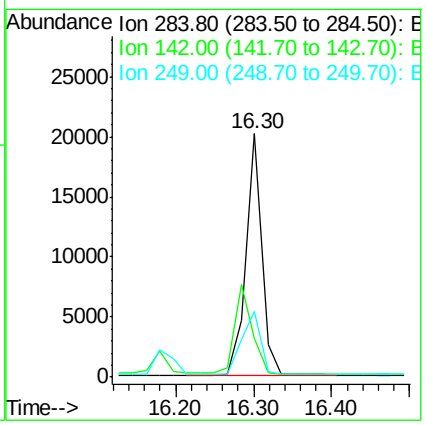


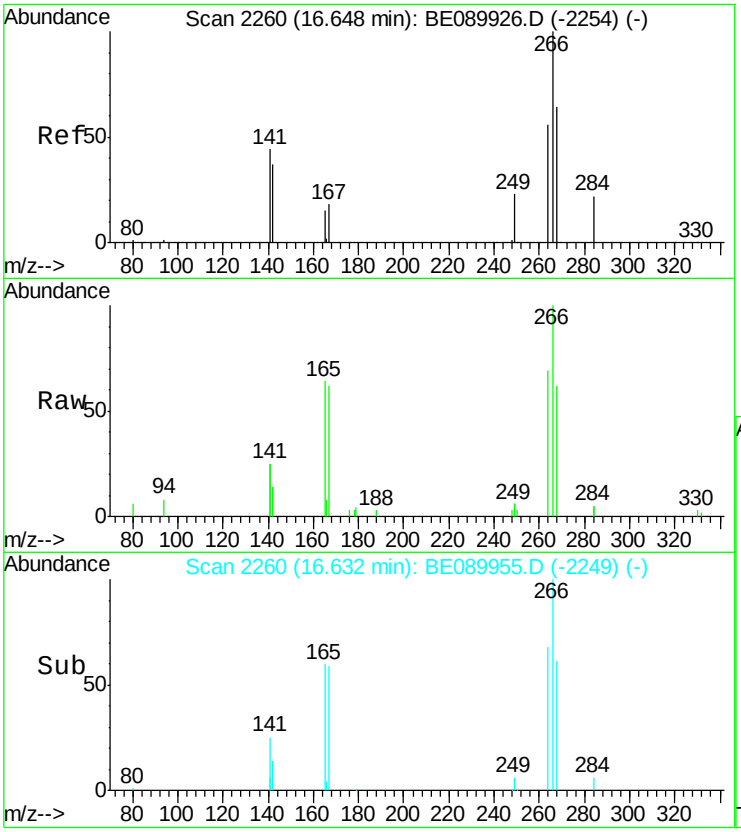


#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:284 Resp: 28448

Ion	Ratio	Lower	Upper
284	100		
142	39.8	32.0	48.0
249	31.1	25.0	37.6



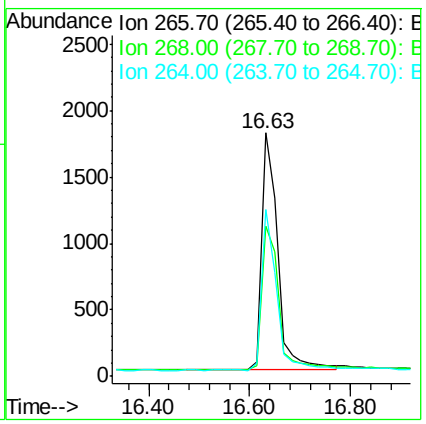


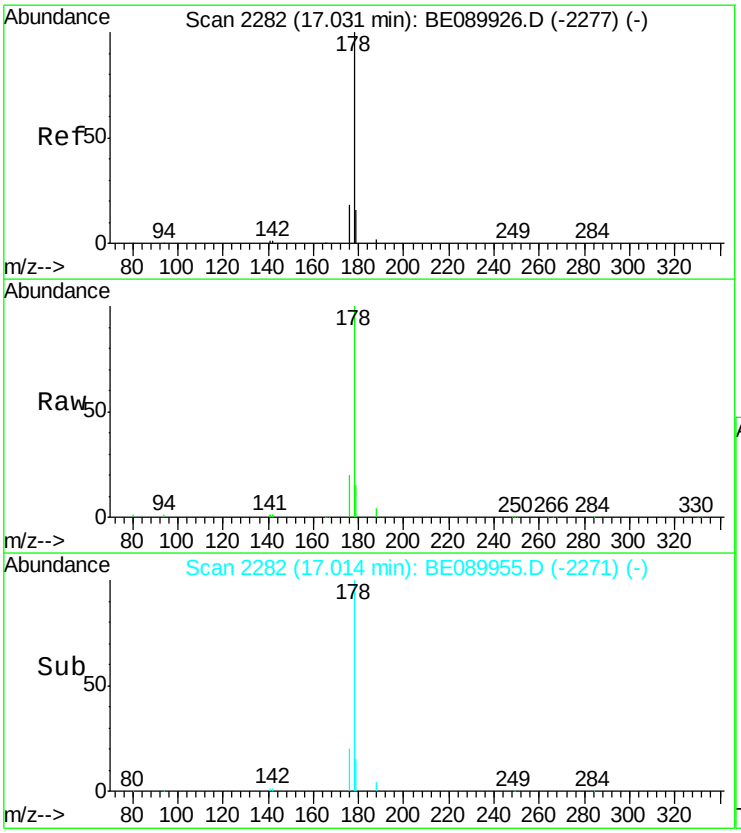
#21
Pentachlorophenol
Concen: 2.65 ng
RT: 16.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 3867

Ion	Ratio	Lower	Upper
266	100		
268	61.8	54.4	81.6
264	68.6	48.2	72.2

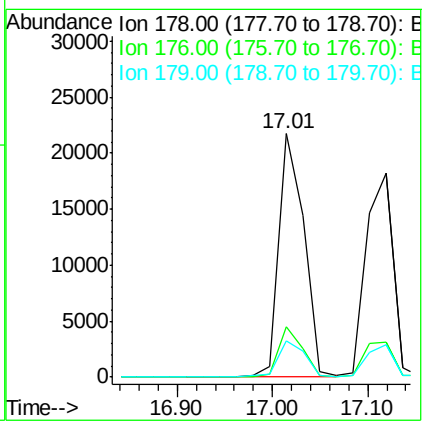


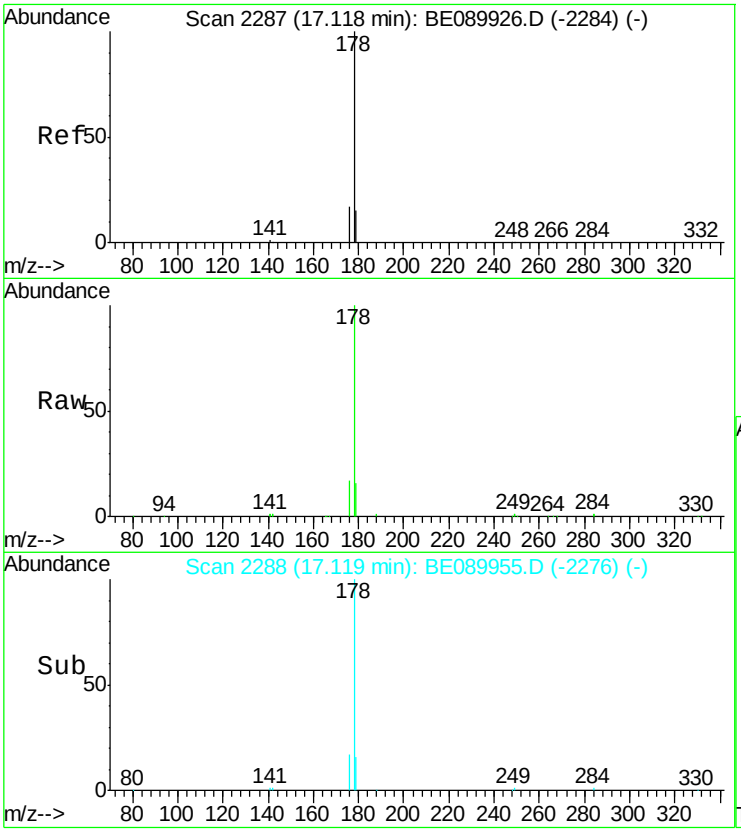


#22
Phenanthrene
Concen: 0.93 ng
RT: 17.01 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:178 Resp: 39132

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0



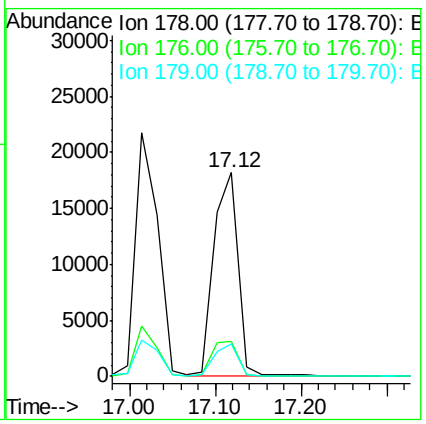


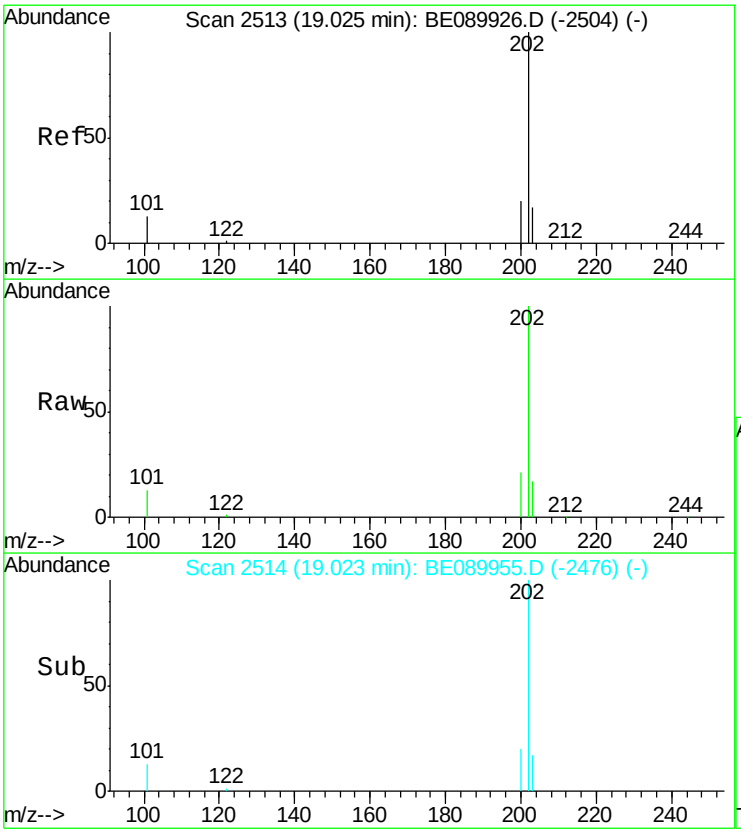
#23
Anthracene
Concen: 0.91 ng
RT: 17.12 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:178 Resp: 35526

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.3	12.3	18.5

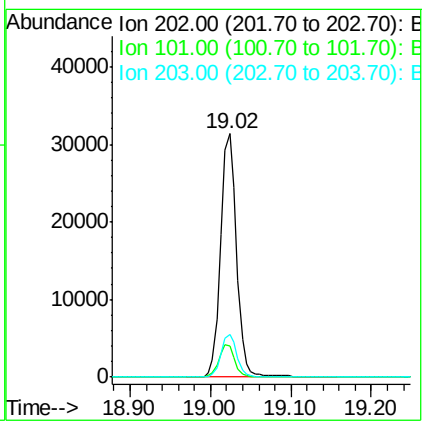


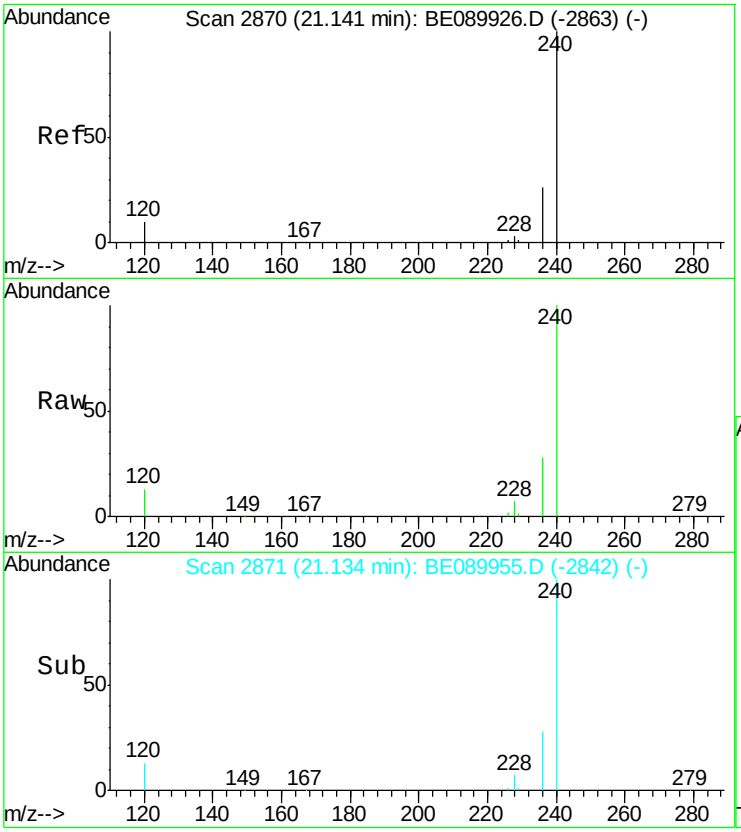


#24
Fluoranthene
Concen: 0.94 ng
RT: 19.02 min Scan# 2514
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:202 Resp: 42910

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.6	16.0
203	17.2	13.8	20.8



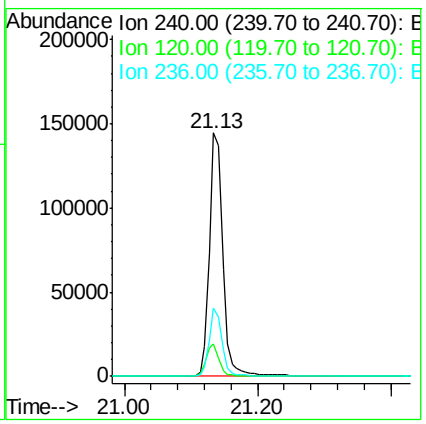


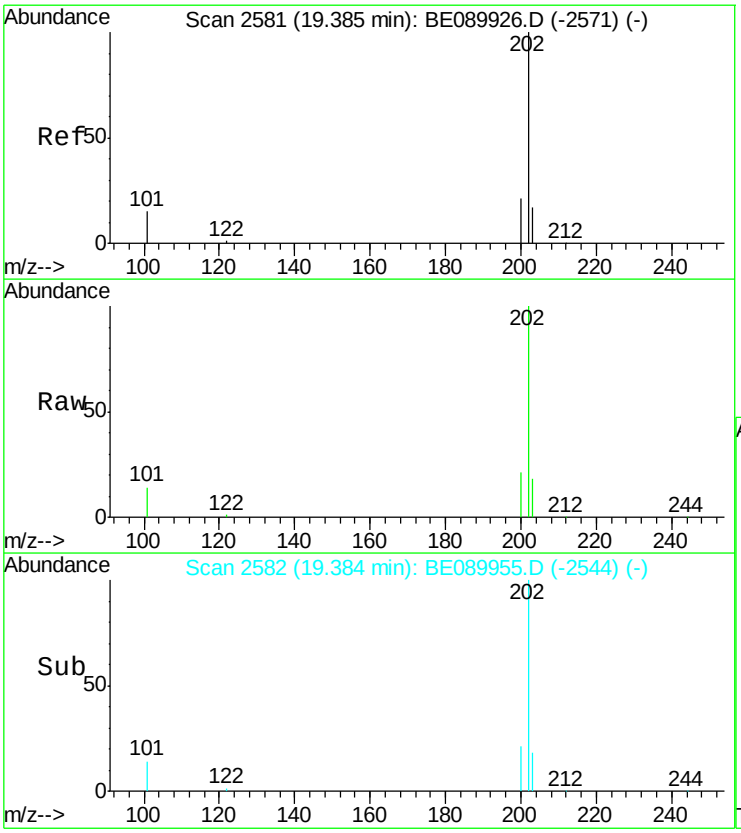
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:240 Resp: 198804

Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.9	11.9#
236	27.9	21.2	31.8

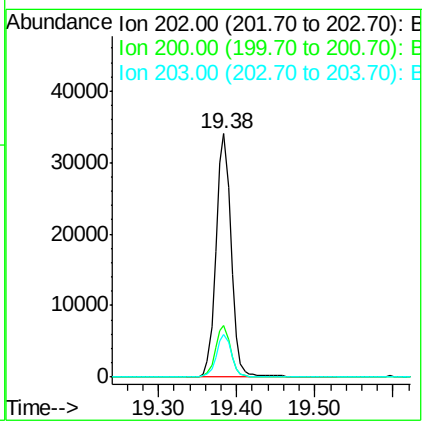


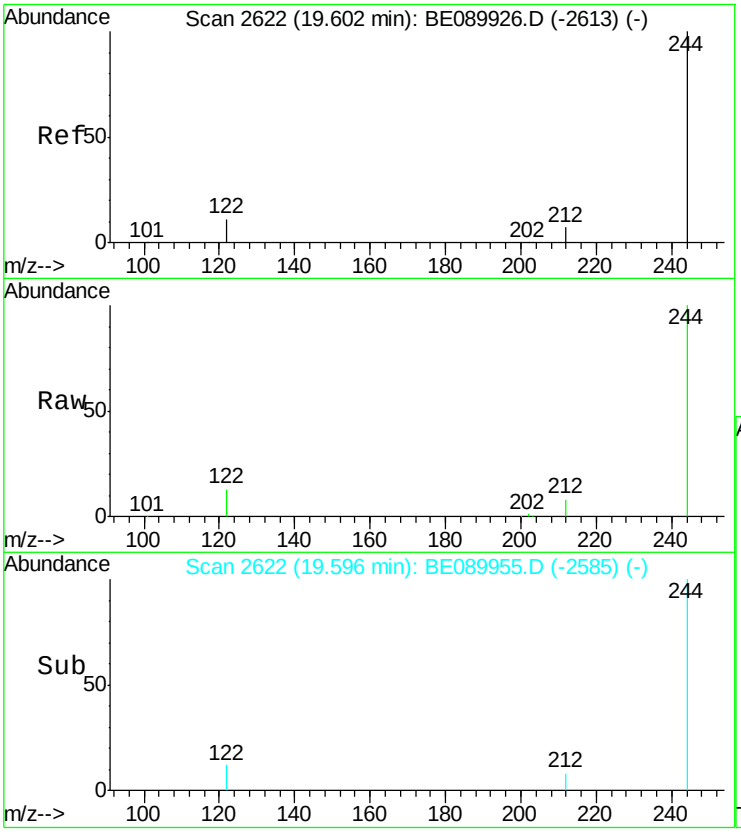


#26
Pyrene
Concen: 0.90 ng
RT: 19.38 min Scan# 2582
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:202 Resp: 45208

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	13.9	20.9



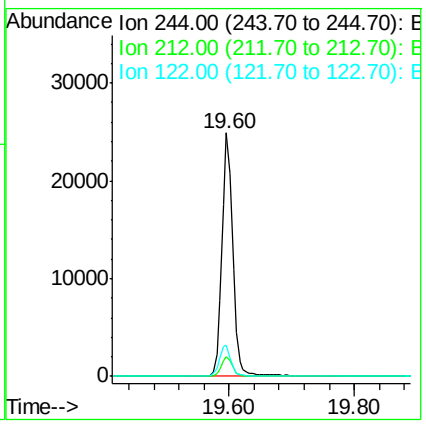


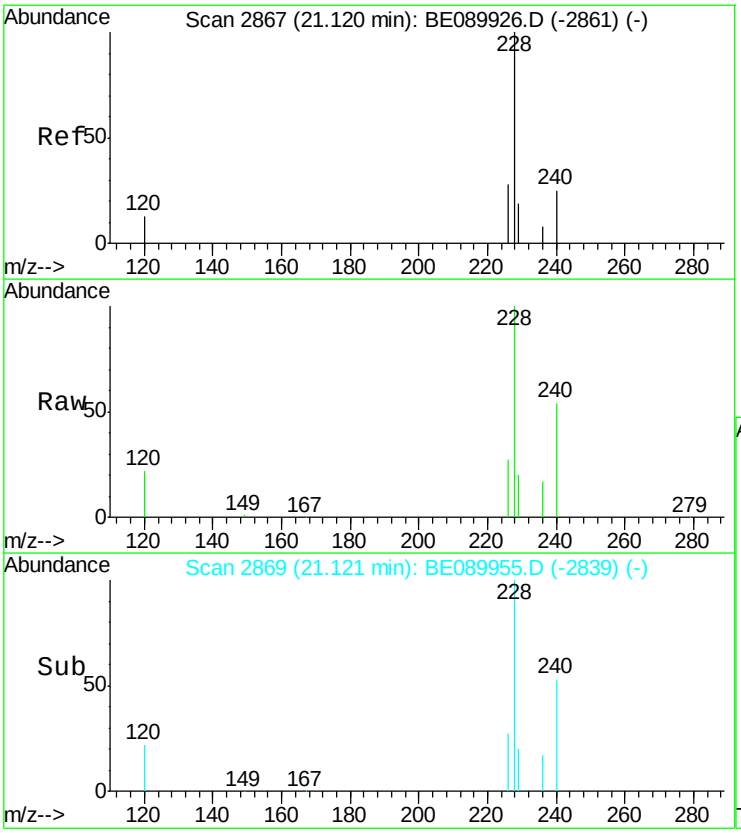
#27
Terphenyl-d14
Concen: 0.86 ng
RT: 19.60 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:244 Resp: 29675

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	12.6	8.7	13.1

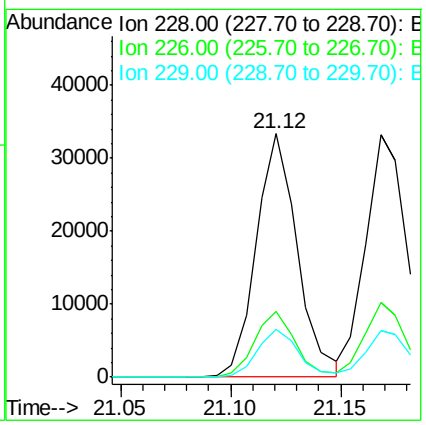


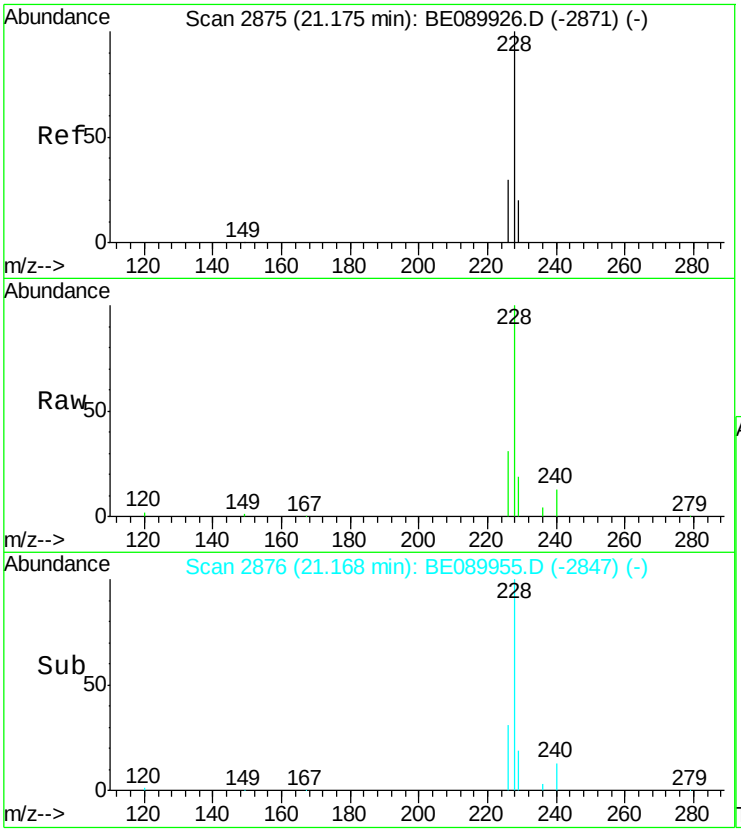


#28
Benzo(a)anthracene
Concen: 0.91 ng
RT: 21.12 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:228 Resp: 43350

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.4
229	19.8	15.3	22.9



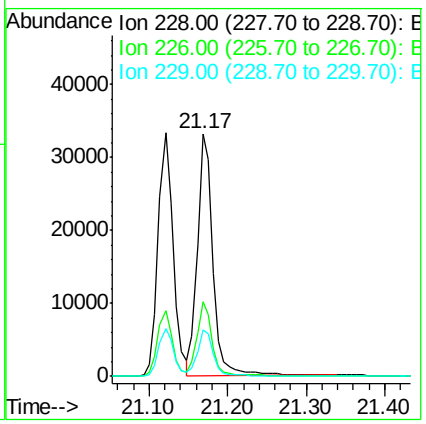


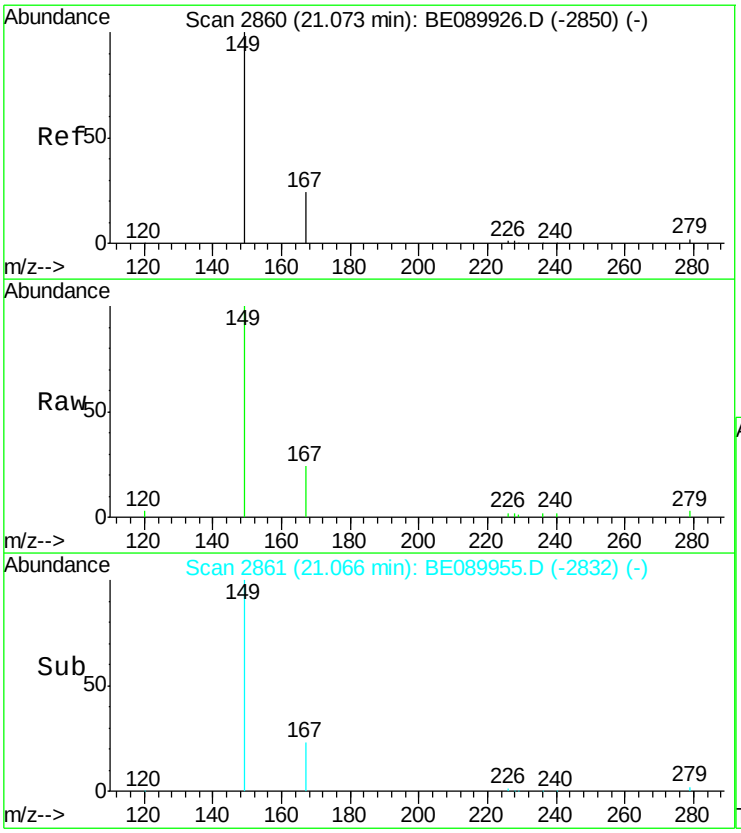
#29
Chrysene
Concen: 0.88 ng
RT: 21.17 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 45918

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.7	35.5
229	19.1	15.8	23.8

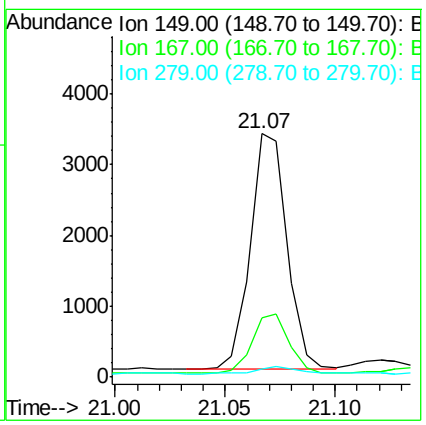


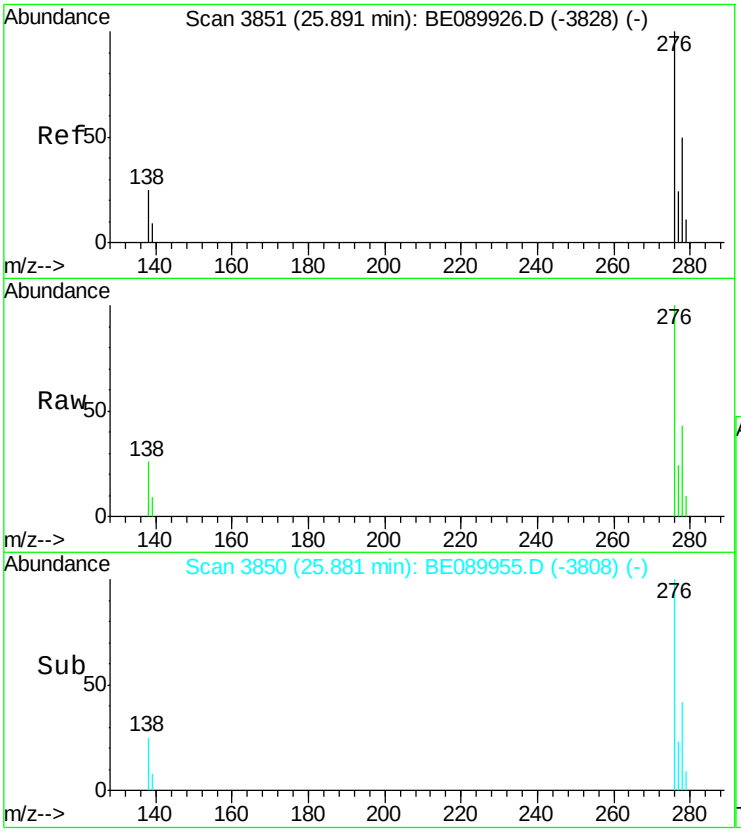


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.95 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:149 Resp: 3836

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.3	30.5
279	3.3	2.7	4.1



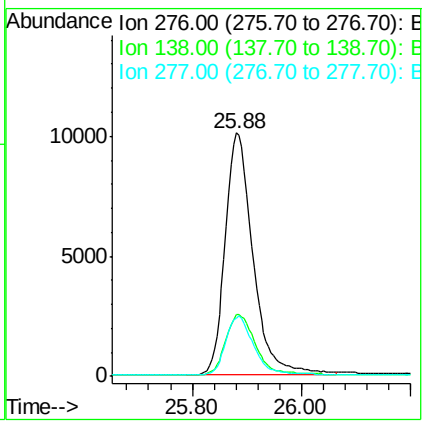


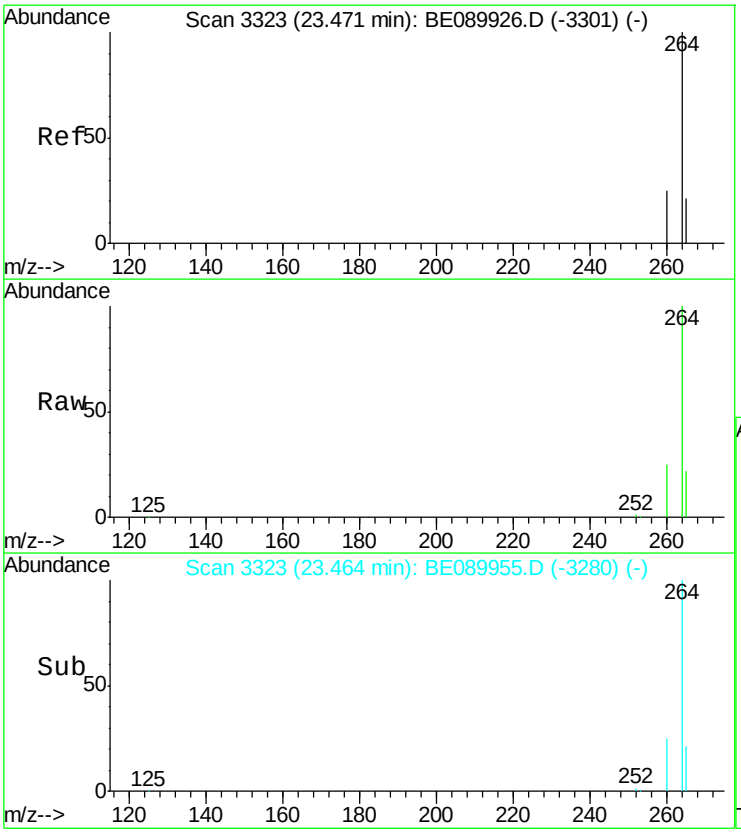
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.94 ng
RT: 25.88 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 35913

Ion	Ratio	Lower	Upper
276	100		
138	26.8	0.0	0.0#
277	24.3	0.0	0.0#

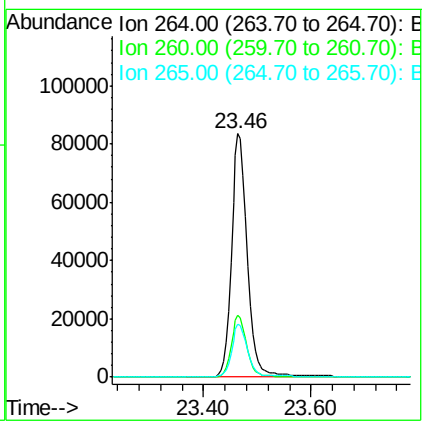


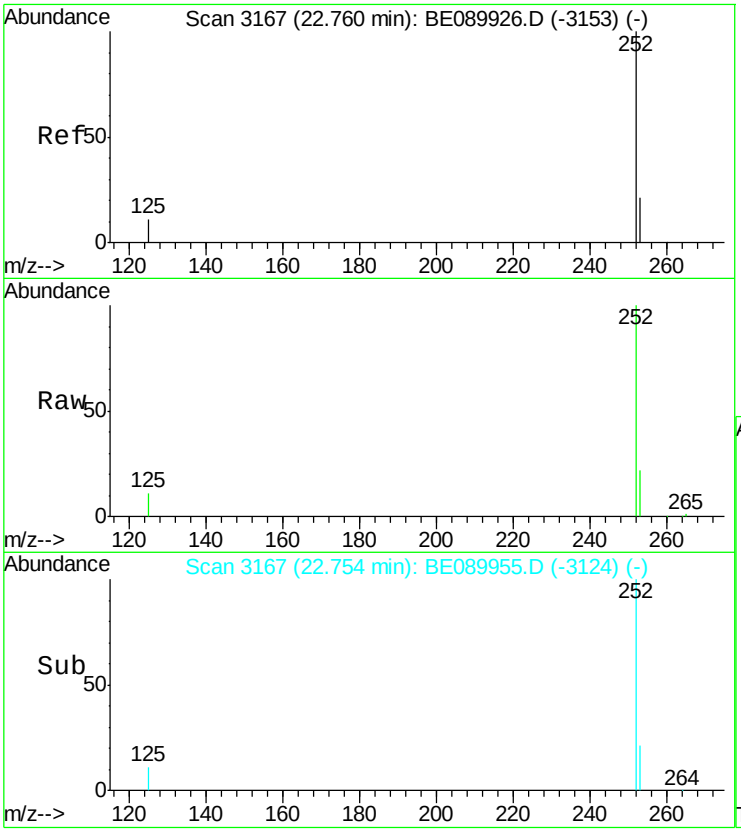


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:264 Resp: 171406

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	21.6	17.3	25.9



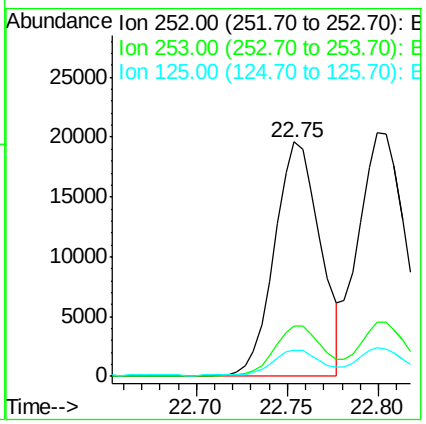


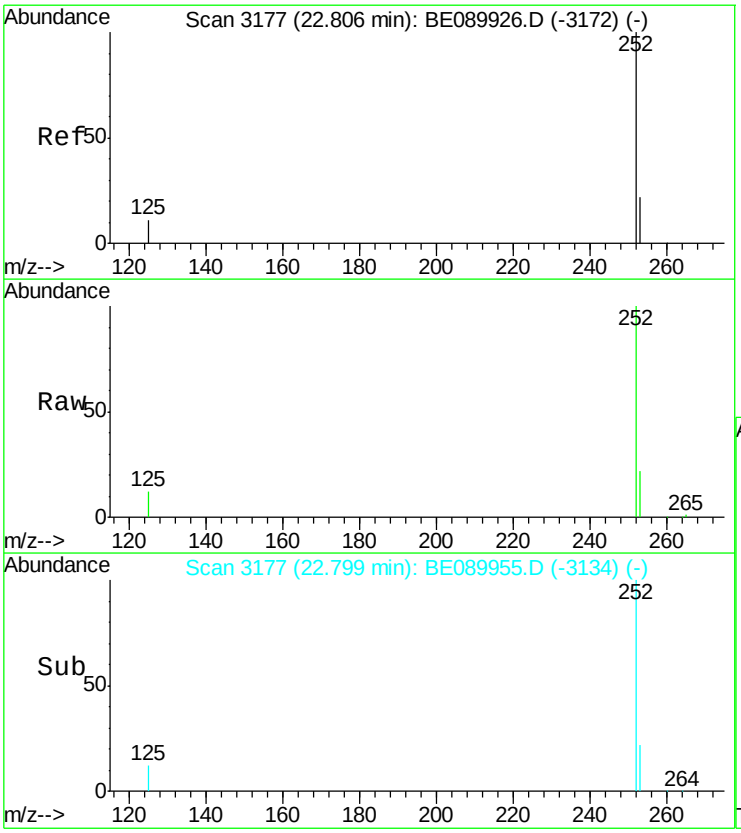
#33
Benzo(b)fluoranthene
Concen: 0.94 ng
RT: 22.75 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 34049

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	11.3	9.3	13.9

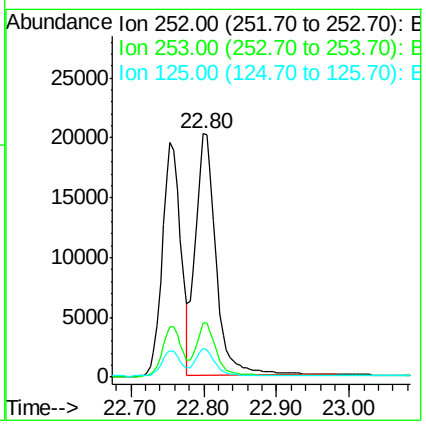


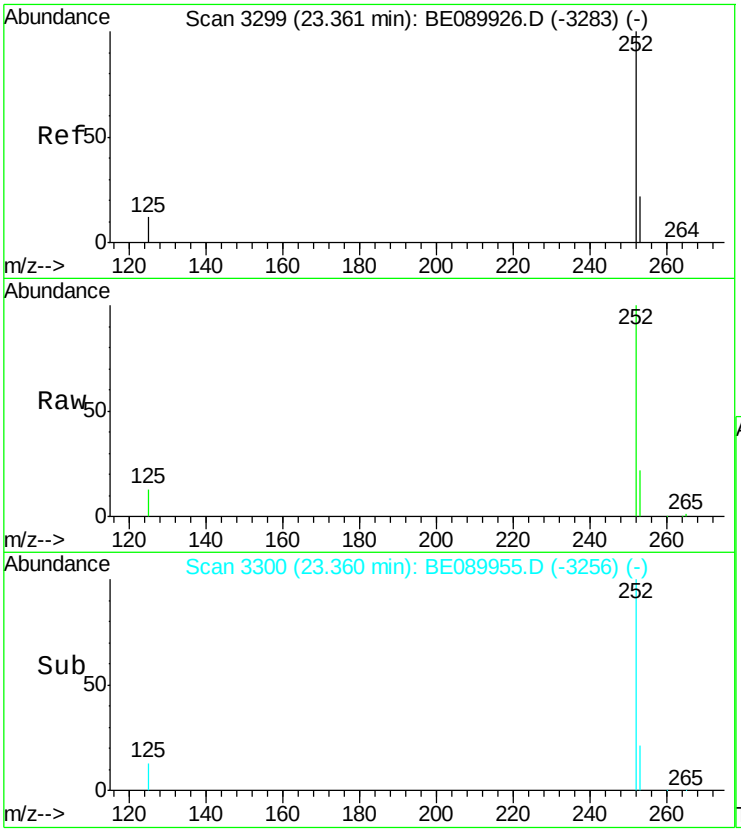


#34
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.80 min Scan# 3177
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:252 Resp: 39664

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.9	9.2	13.8



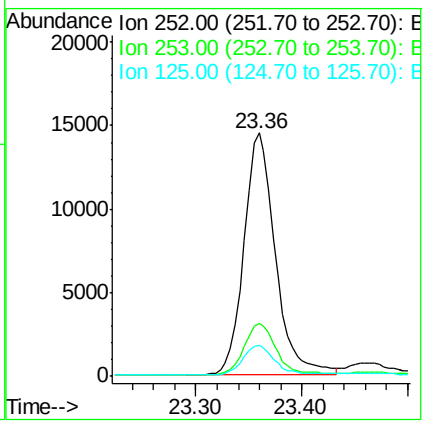


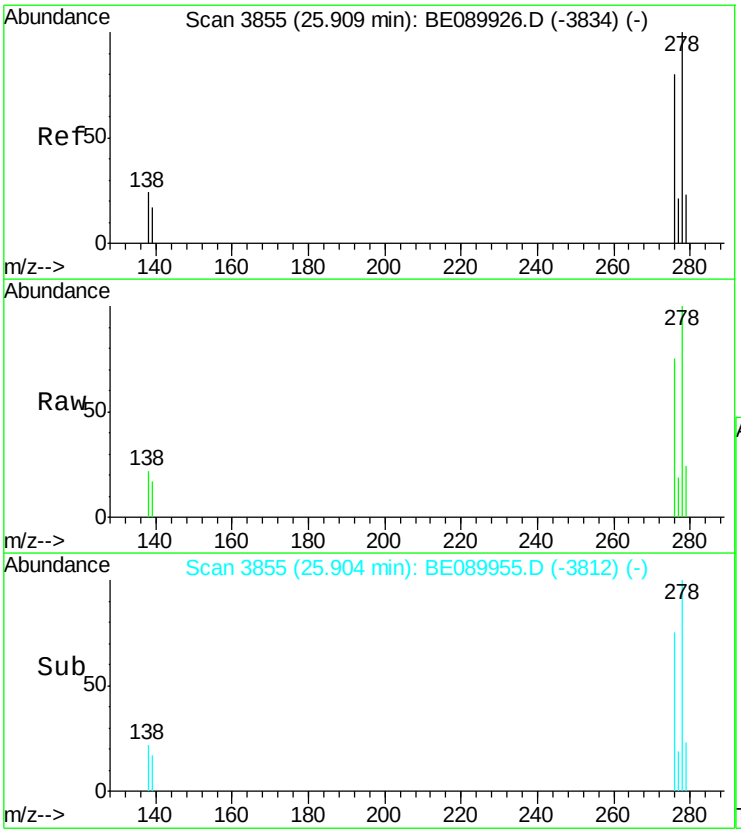
#35
Benzo(a)pyrene
Concen: 0.92 ng
RT: 23.36 min Scan# 3300
Delta R.T. -0.00 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 29759

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	13.0	10.3	15.5

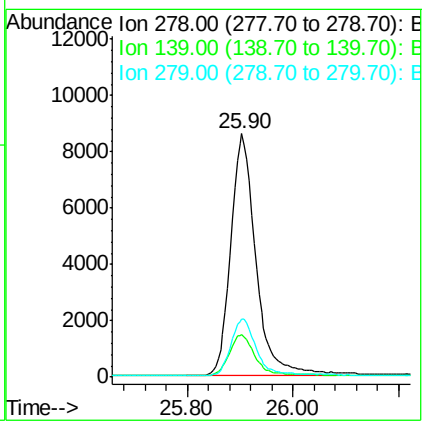


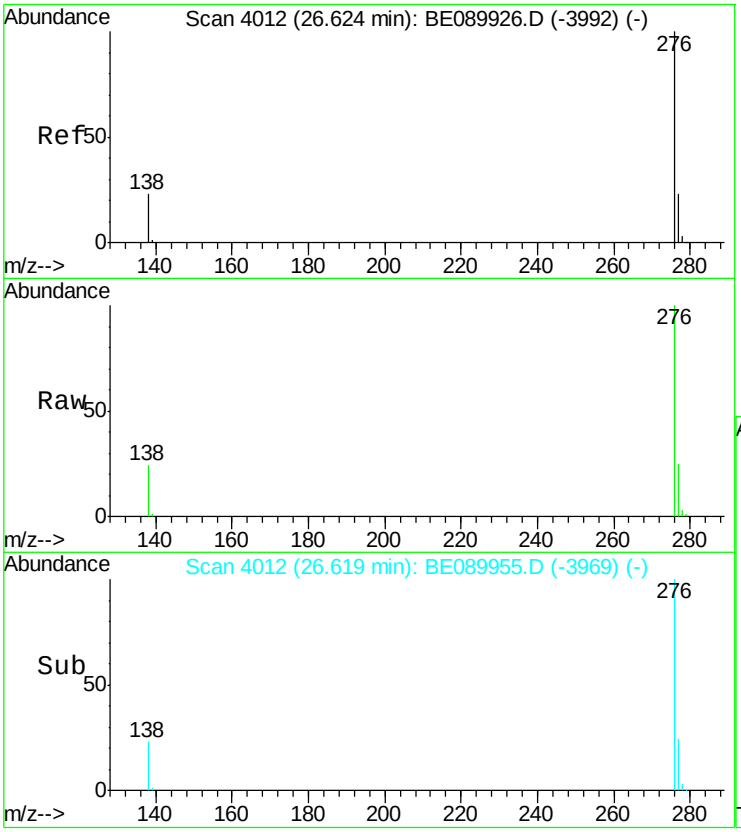


#36
Dibenzo(a,h)anthracene
Concen: 0.95 ng
RT: 25.90 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Tgt Ion:278 Resp: 28543

Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.1	21.1
279	23.6	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 0.93 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.01 min
Lab File: BE089955.D
Acq: 27 Jun 2015 00:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:276 Resp: 30142

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	23.5	18.8	28.2