Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089953.D
Acq On : 26 Jun 2015 21:25
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Jun 27 01:01:53 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	25354	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	118414	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	73983	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	181271	5.00	ng		0.00
25) Chrysene-d12	21.13	240	210592	5.00	ng		0.00
32) Perylene-d12	23.46	264	185978	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	4900	1.07	ng		0.00
5) Phenol-d6	6.81	99	11250	1.60	ng		0.00
7) Nitrobenzene-d5	8.77	82	9394	1.07	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	1701	1.57	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	27974	1.30	ng		0.00
27) Terphenyl-d14	19.60	244	45885	1.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	3130	1.02	ng		96
3) n-Nitrosodimethylamine	3.54	42	4136	0.91	ng	#	96
8) Nitrobenzene	8.81	77	9853	1.05	ng		99
9) Naphthalene	10.44	128	28900	1.10	ng		100
10) Hexachlorobutadiene	10.74	225	4144	1.00	ng		99
11) 2-Methylnaphthalene	12.05	142	22330	1.24	ng		98
15) Acenaphthylene	13.96	152	166648	1.28	ng		100
16) Acenaphthene	14.30	154	25024	1.31	ng		99
17) Fluorene	15.29	166	33686	1.41	ng		98
19) 4-Bromophenyl-phenylether	16.18	248	9269	1.25	ng		98
20) Hexachlorobenzene	16.30	284	41251	1.27	ng		98
21) Pentachlorophenol	16.63	266	2242	1.63	ng		91
22) Phenanthrene	17.01	178	57276	1.26	ng		99
23) Anthracene	17.12	178	54293	1.29	ng		99
24) Fluoranthene	19.02	202	64528	1.31	ng		100
26) Pyrene	19.38	202	67512	1.27	ng		99
28) Benzo(a)anthracene	21.12	228	67111	1.33	ng		98
29) Chrysene	21.17	228	70595	1.28	ng		99
30) Bis(2-ethylhexyl)phthalate	21.07	149	6585	1.53	ng		100
31) Indeno(1,2,3-cd)pyrene	25.88	276	58095	1.44	ng	#	100
33) Benzo(b)fluoranthene	22.75	252	54617	1.39	ng		99
34) Benzo(k)fluoranthene	22.80	252	62359	1.40	ng		99
35) Benzo(a)pyrene	23.36	252	49159	1.41	ng		100
36) Dibenzo(a,h)anthracene	25.90	278	46871	1.44	ng		99
37) Benzo(g,h,i)perylene	26.62	276	49432	1.41	ng		99

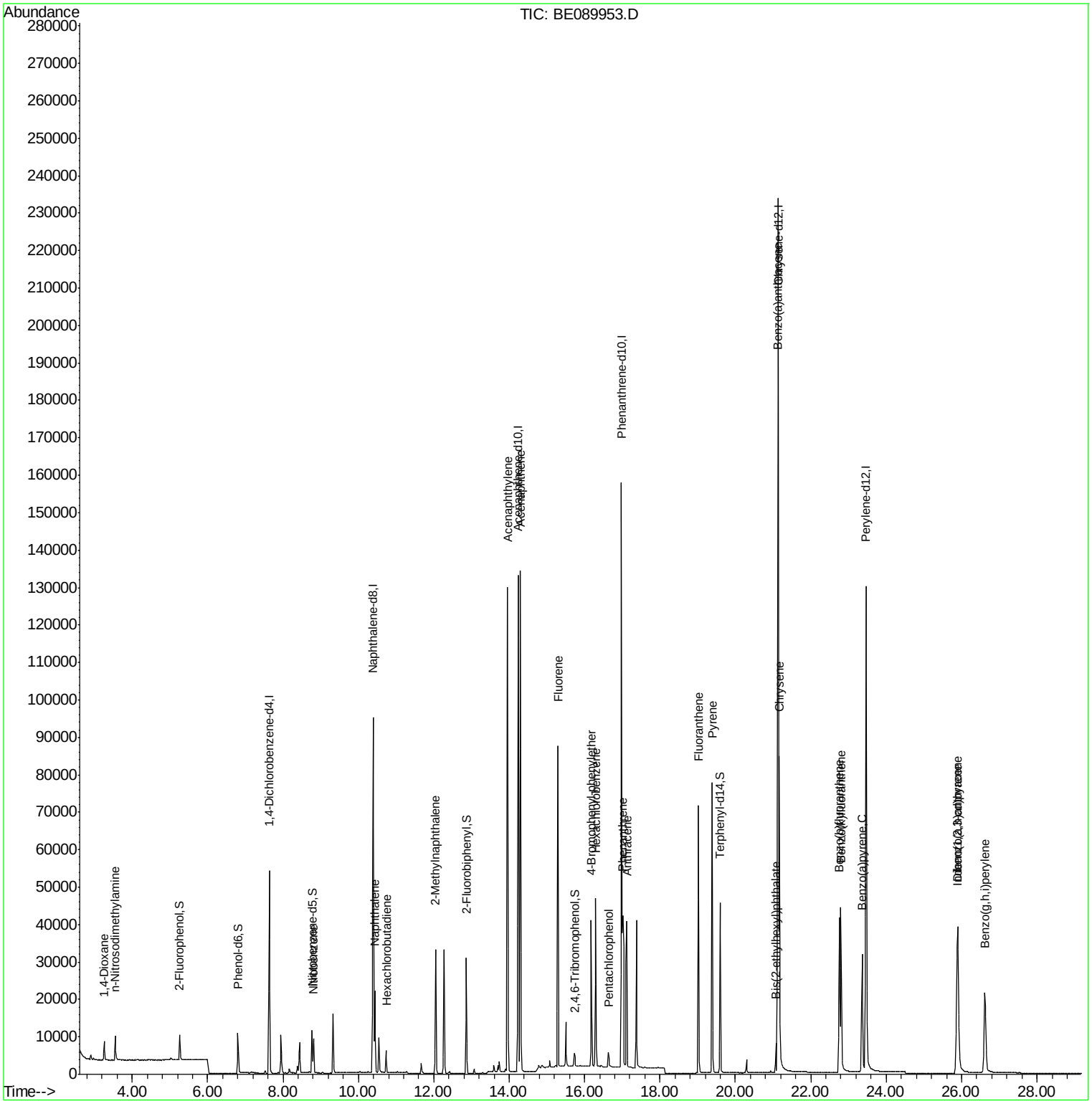
(#) = qualifier out of range (m) = manual integration (+) = signals summed

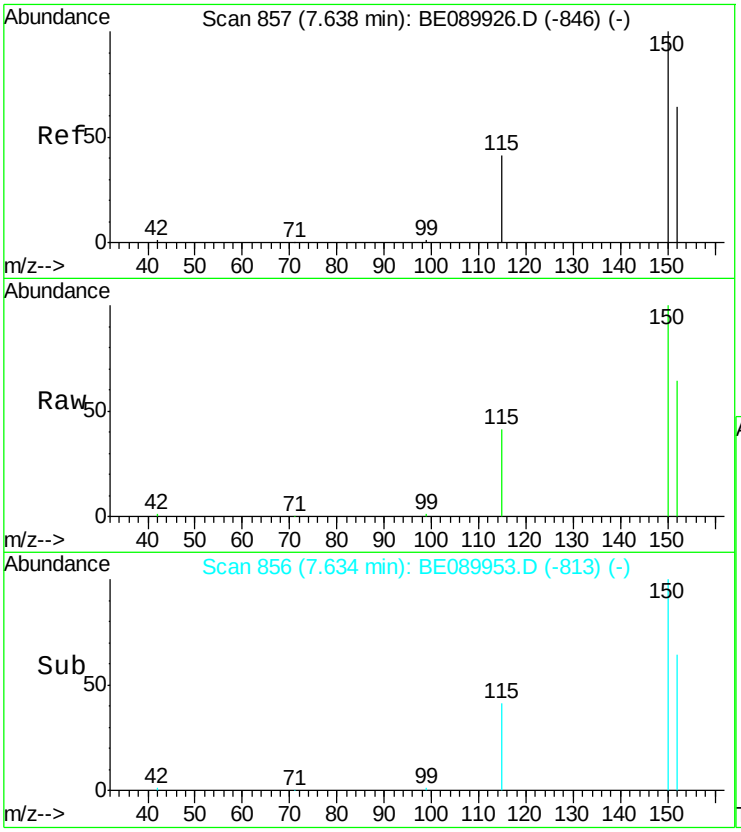
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089953.D
Acq On : 26 Jun 2015 21:25
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Jun 27 01:01:53 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



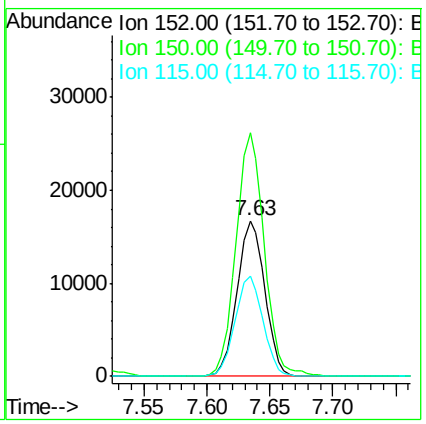


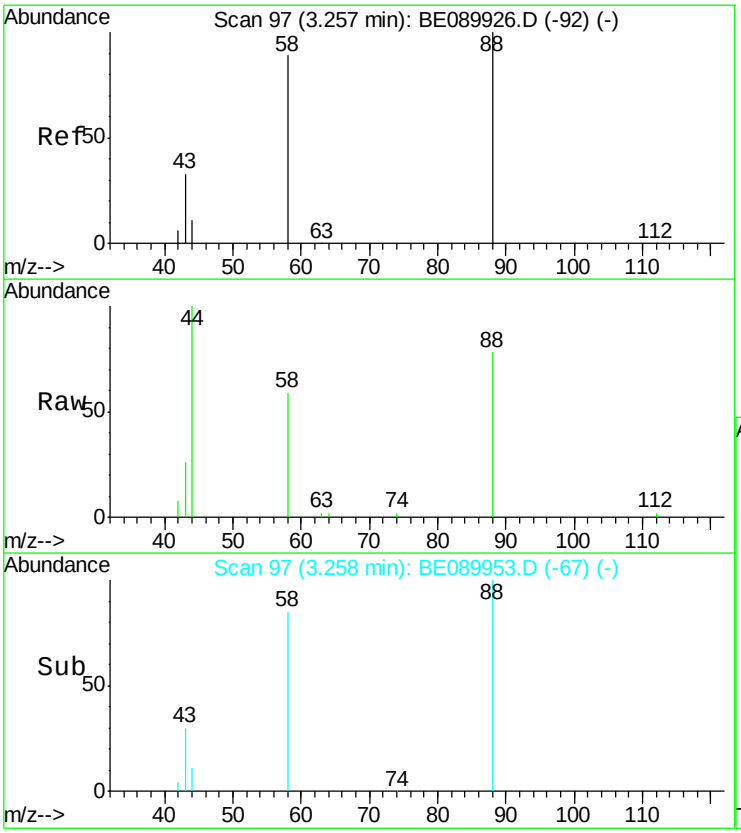
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 25354

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	64.2	51.6	77.4

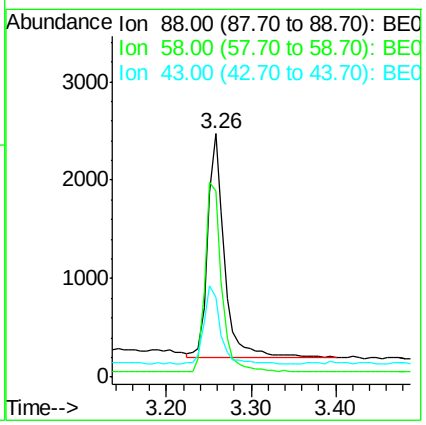


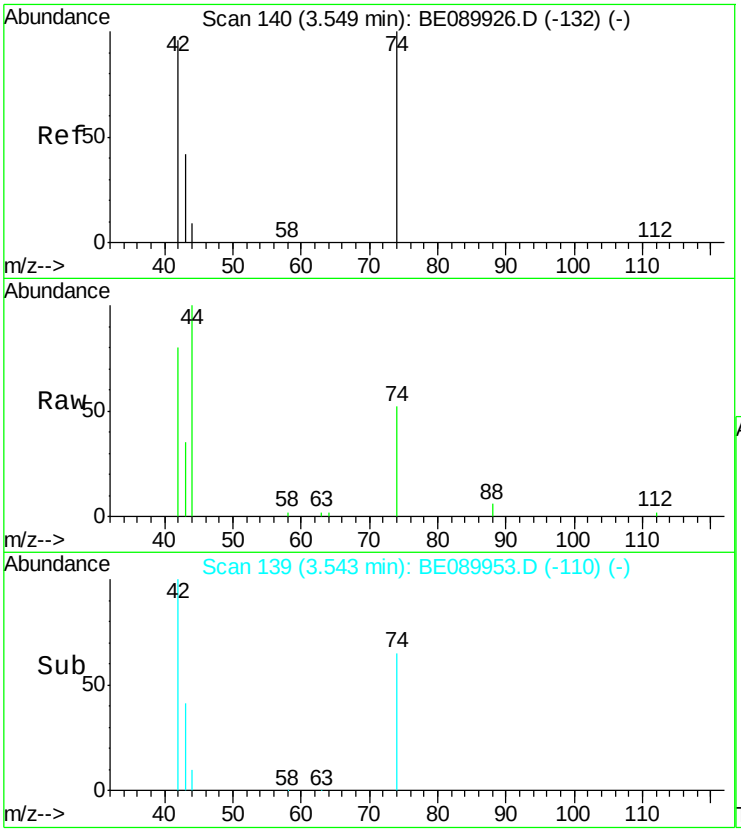


#2
1,4-Dioxane
Concen: 1.02 ng
RT: 3.26 min Scan# 97
Delta R.T. 0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion: 88 Resp: 3130

Ion	Ratio	Lower	Upper
88	100		
58	84.2	70.8	106.2
43	33.9	26.8	40.2



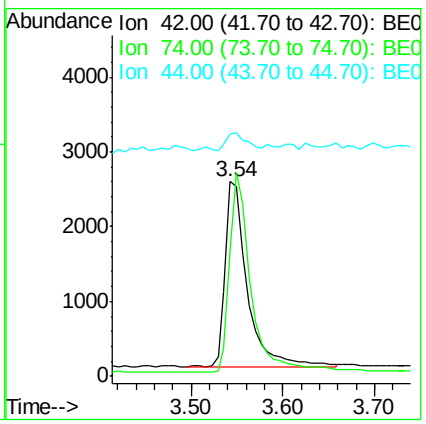


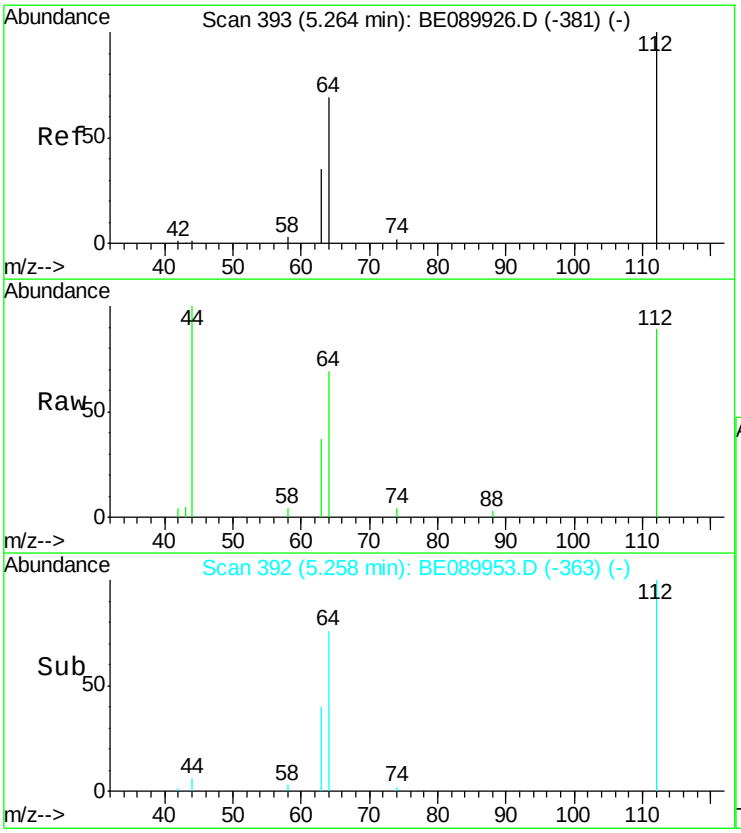
#3
n-Nitrosodimethylamine
Concen: 0.91 ng
RT: 3.54 min Scan# 139
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 4136

Ion	Ratio	Lower	Upper
42	100		
74	103.4	85.4	128.2
44	8.3	8.4	12.6#

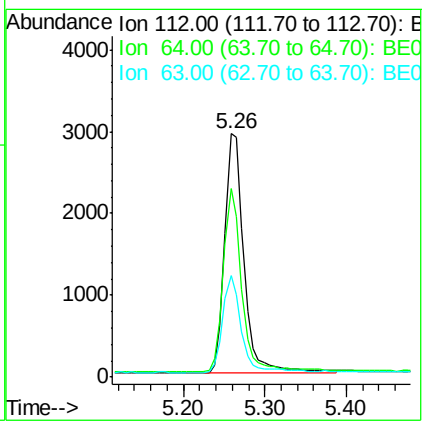


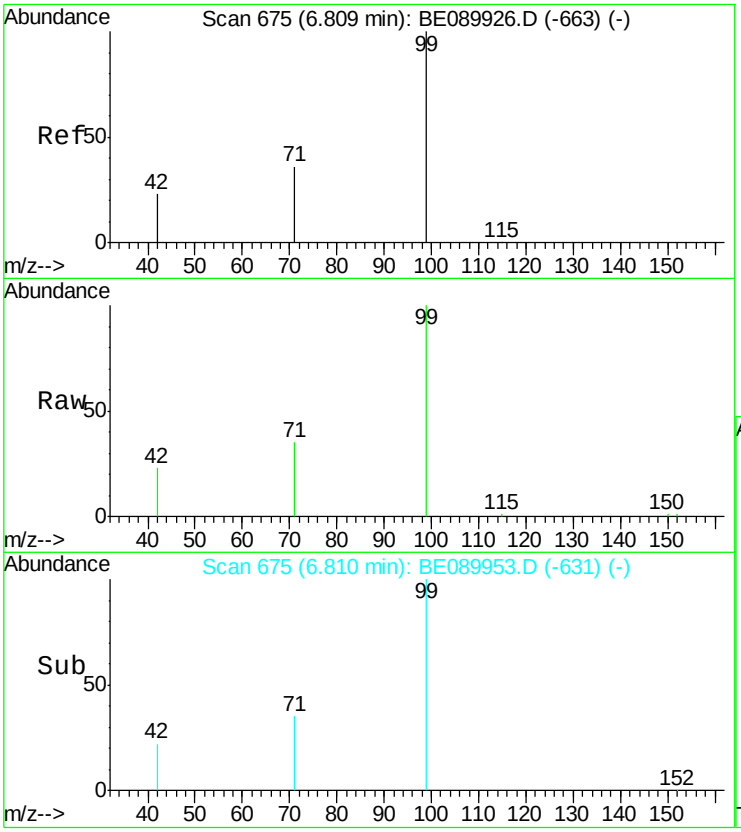


#4
2-Fluorophenol
Concen: 1.07 ng
RT: 5.26 min Scan# 392
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:112 Resp: 4900

Ion	Ratio	Lower	Upper
112	100		
64	71.1	57.4	86.2
63	39.8	31.2	46.8



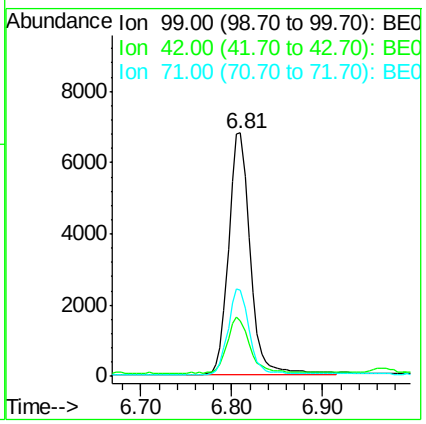


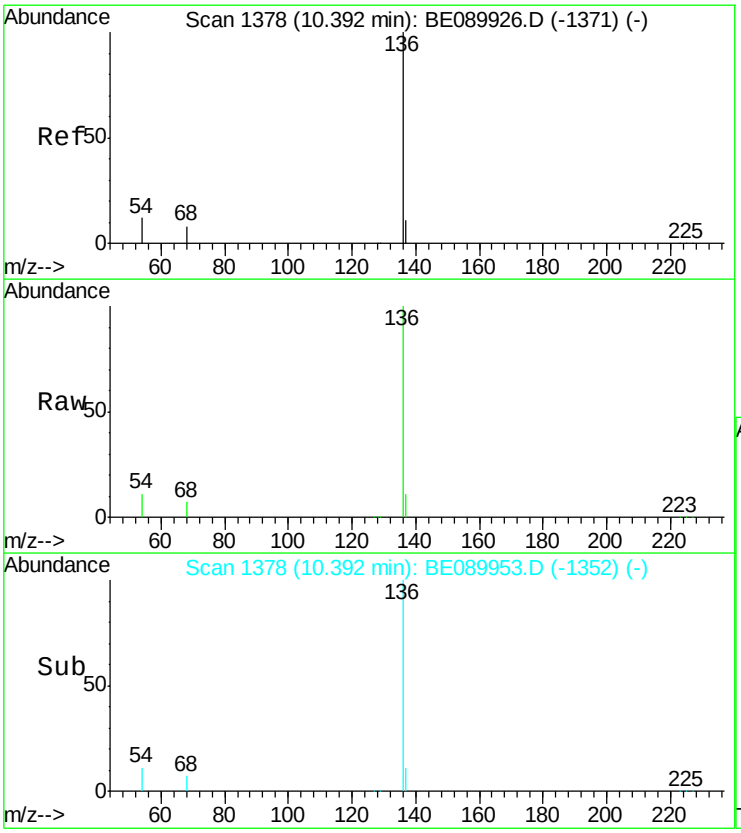
#5
Phenol-d6
Concen: 1.60 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 99 Resp: 11250

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.5	29.3
71	34.7	27.8	41.6

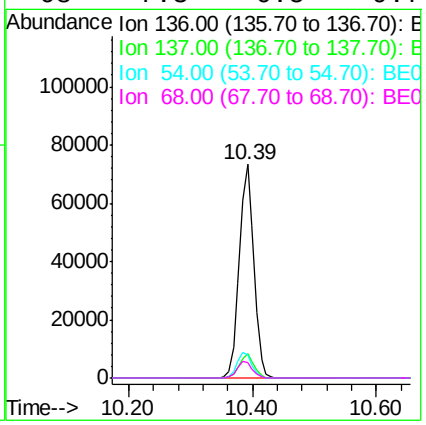


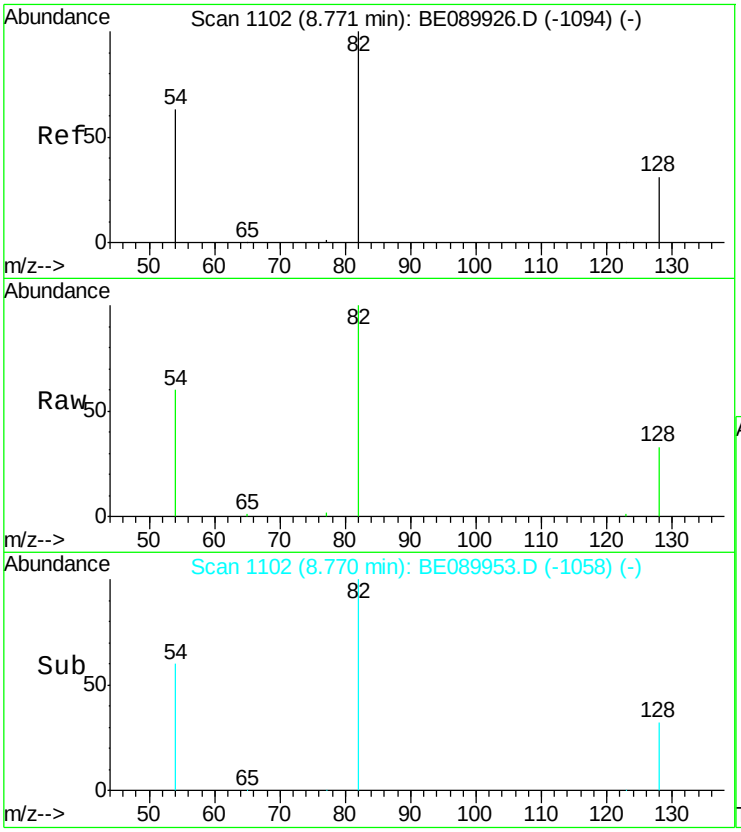


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:136 Resp: 118414

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.0	9.7	14.5
68	7.3	6.5	9.7



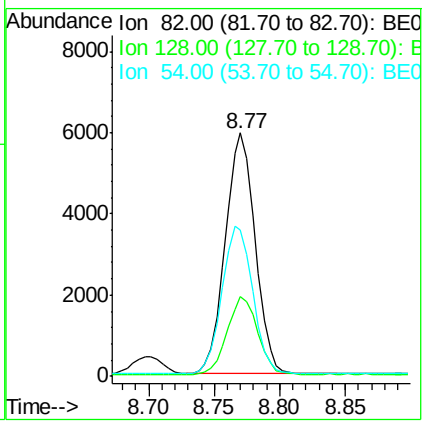


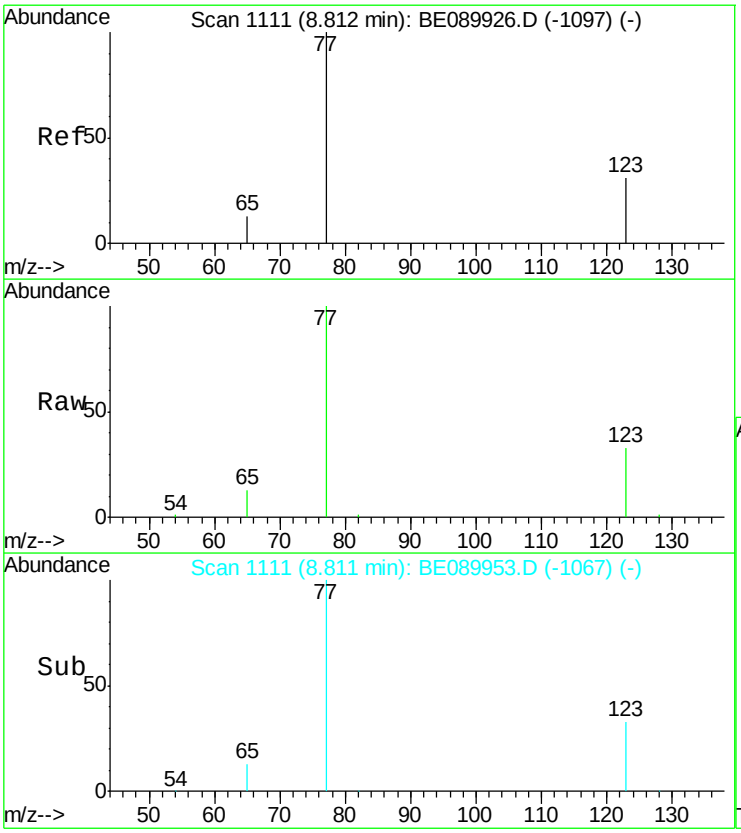
#7
Nitrobenzene-d5
Concen: 1.07 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 82 Resp: 9394

Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.6	38.4
54	60.2	51.2	76.8

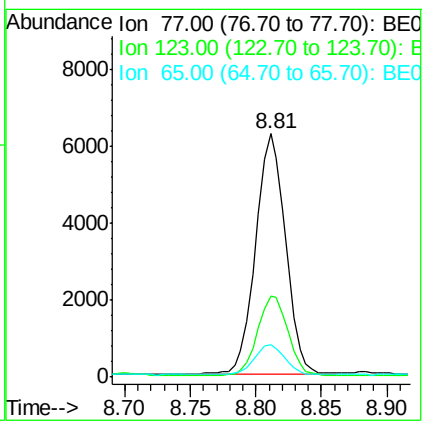


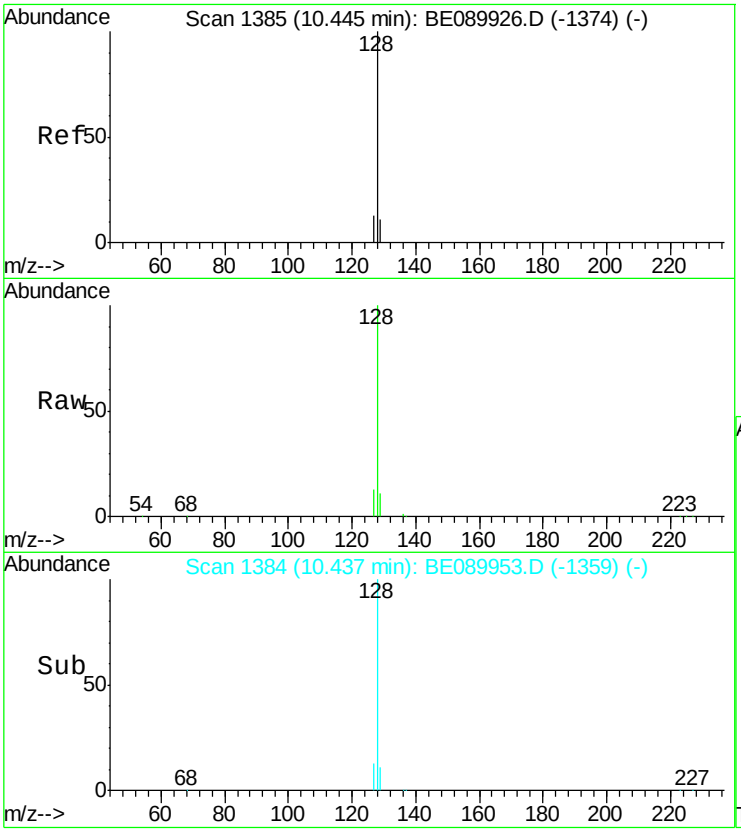


#8
Nitrobenzene
Concen: 1.05 ng
RT: 8.81 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion: 77 Resp: 9853

Ion	Ratio	Lower	Upper
77	100		
123	33.6	26.6	39.8
65	12.9	10.2	15.4



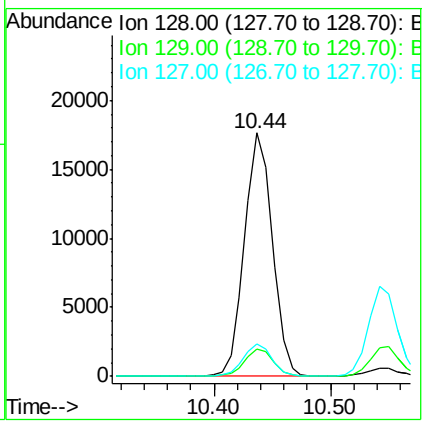


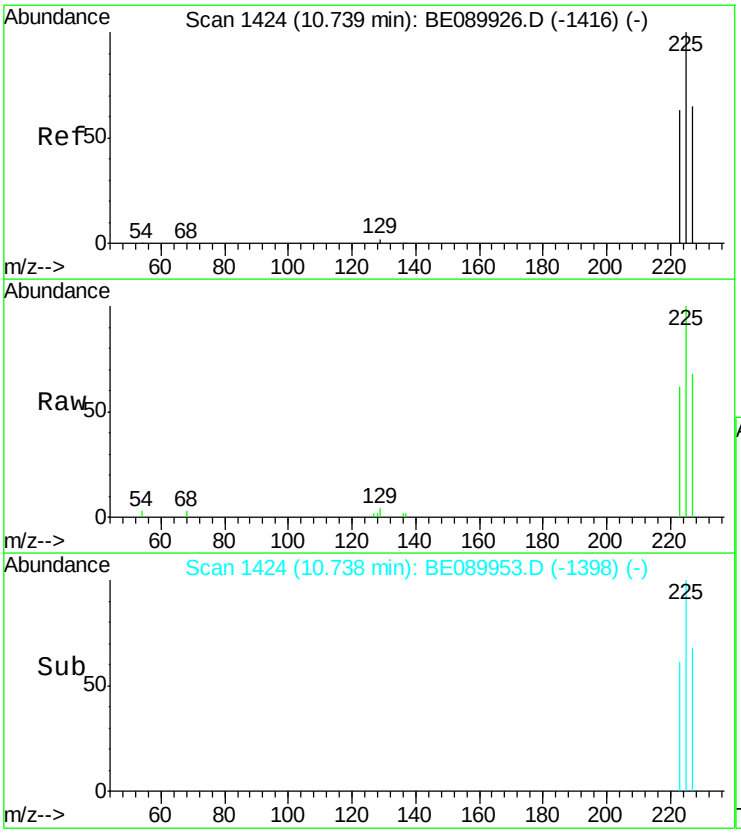
#9
Naphthalene
Concen: 1.10 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:128 Resp: 28900

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.2	15.4

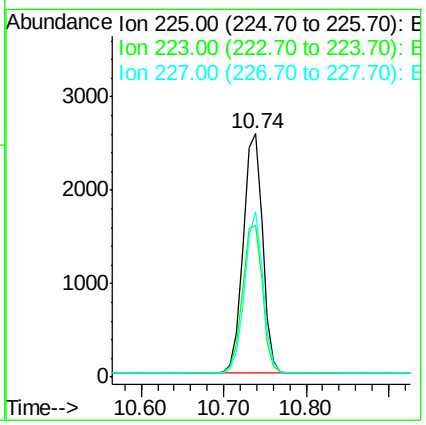


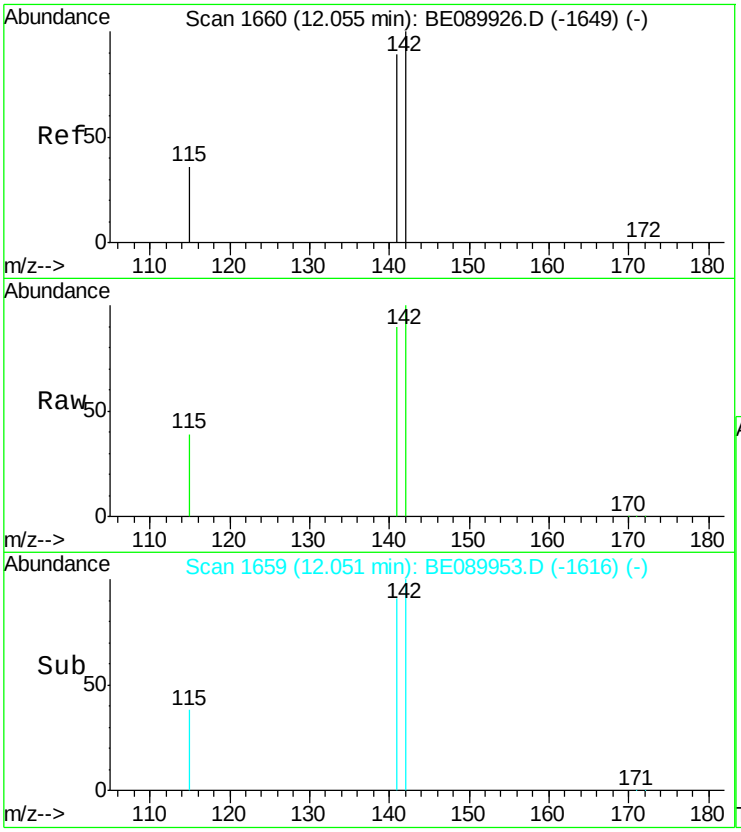


#10
Hexachlorobutadiene
Concen: 1.00 ng
RT: 10.74 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:225 Resp: 4144

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.0	75.0
227	63.9	50.7	76.1



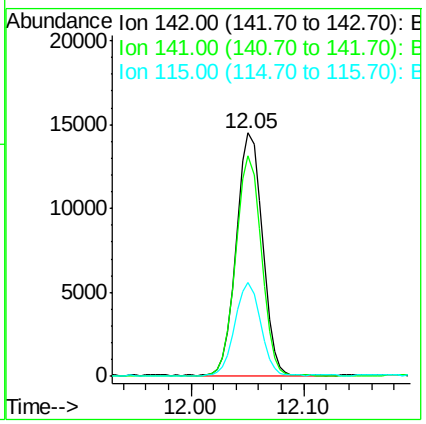


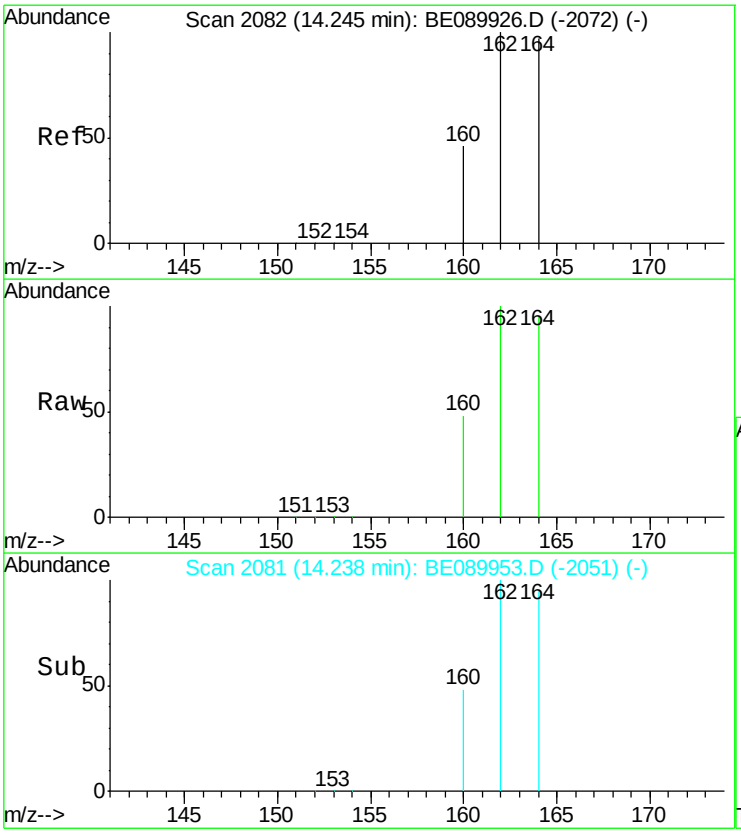
#11
2-Methylnaphthalene
Concen: 1.24 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:142 Resp: 22330

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.1	106.7
115	38.6	29.1	43.7

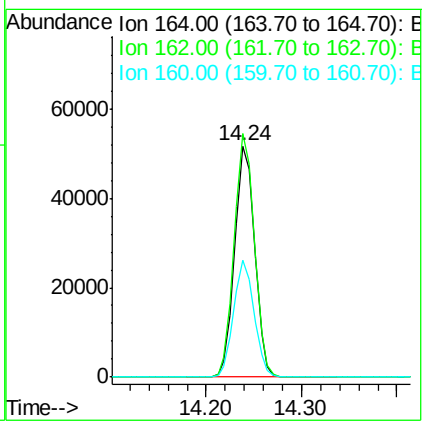


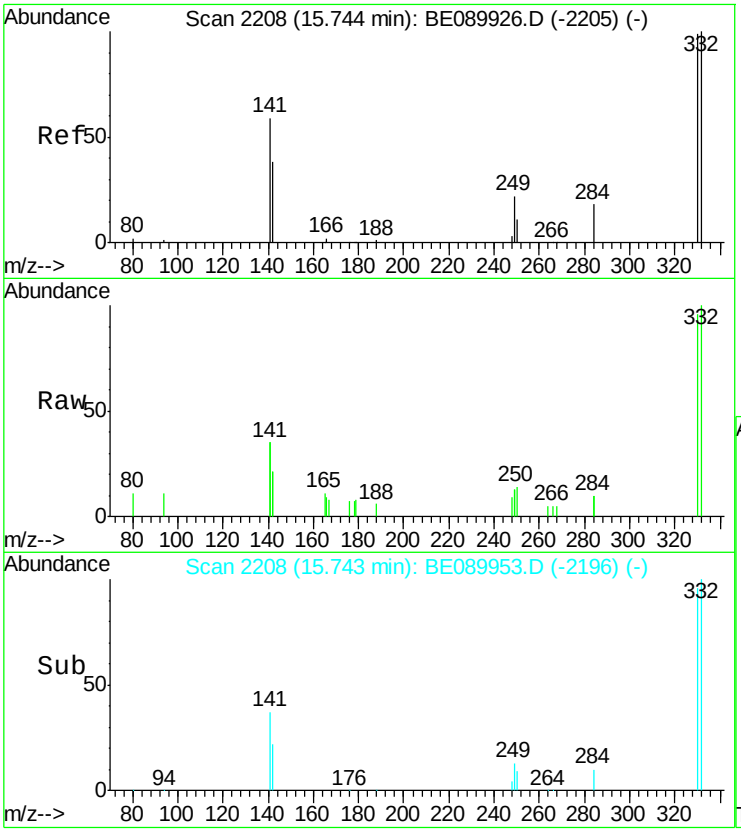


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:164 Resp: 73983

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.7	124.1
160	50.6	38.3	57.5



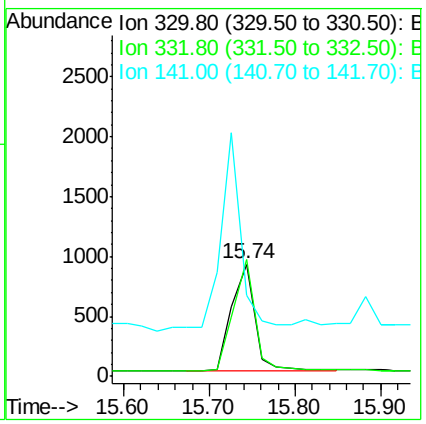


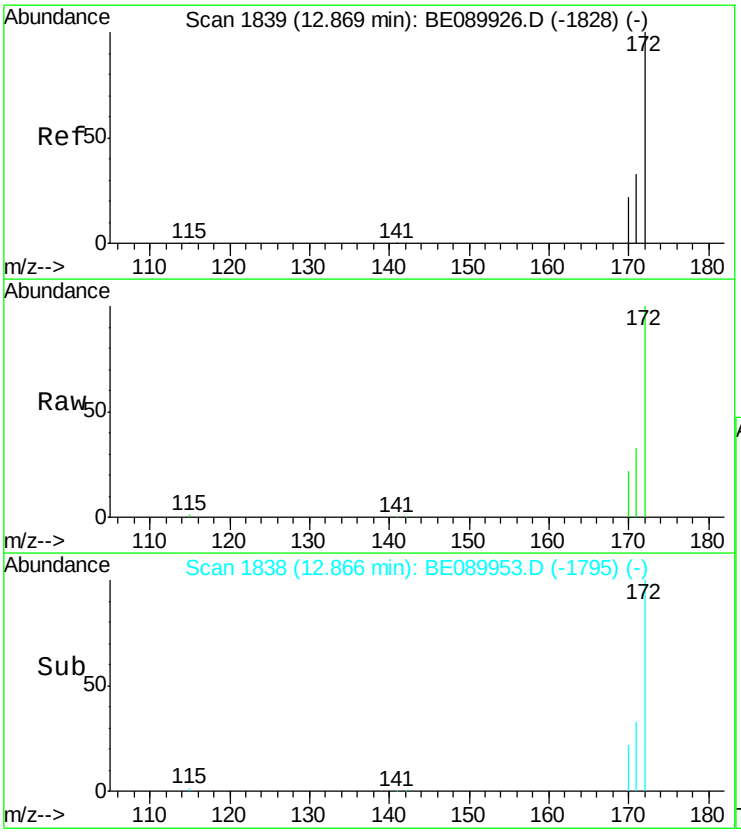
#13
2,4,6-Tribromophenol
Concen: 1.57 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:330 Resp: 1701

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.9	116.9
141	168.3	142.8	214.2

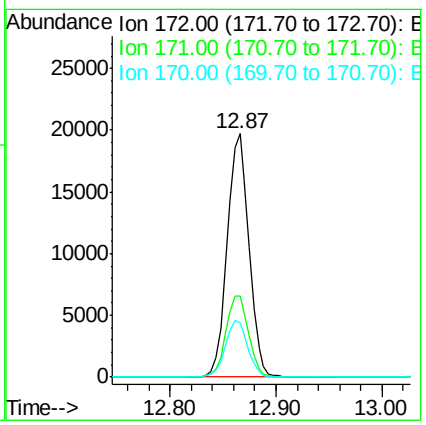


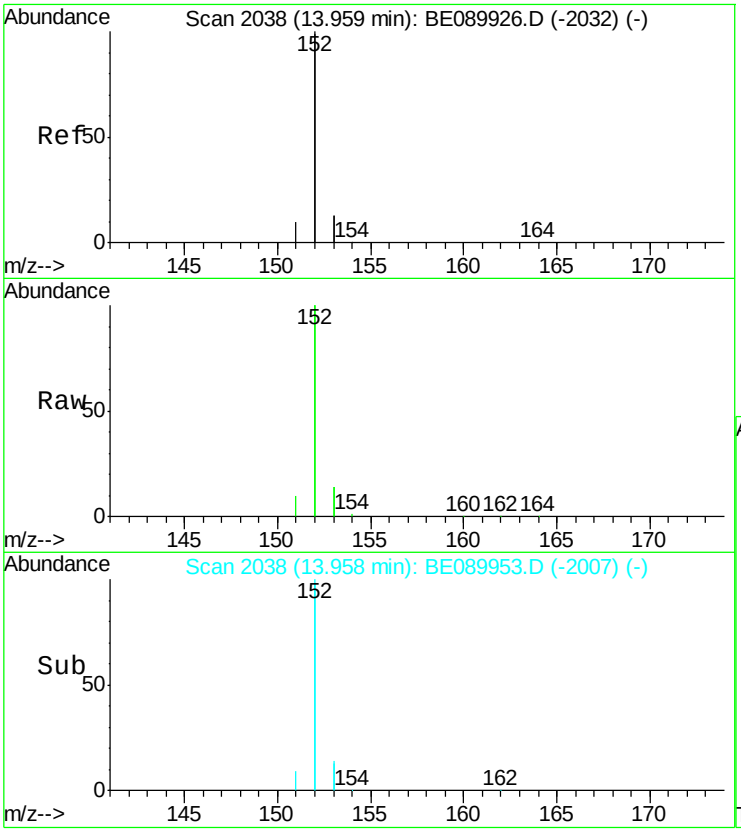


#14
2-Fluorobiphenyl
Concen: 1.30 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:172 Resp: 27974

Ion	Ratio	Lower	Upper
172	100		
171	33.4	26.7	40.1
170	22.4	17.5	26.3



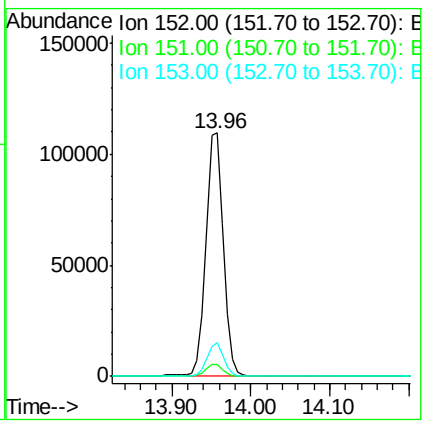


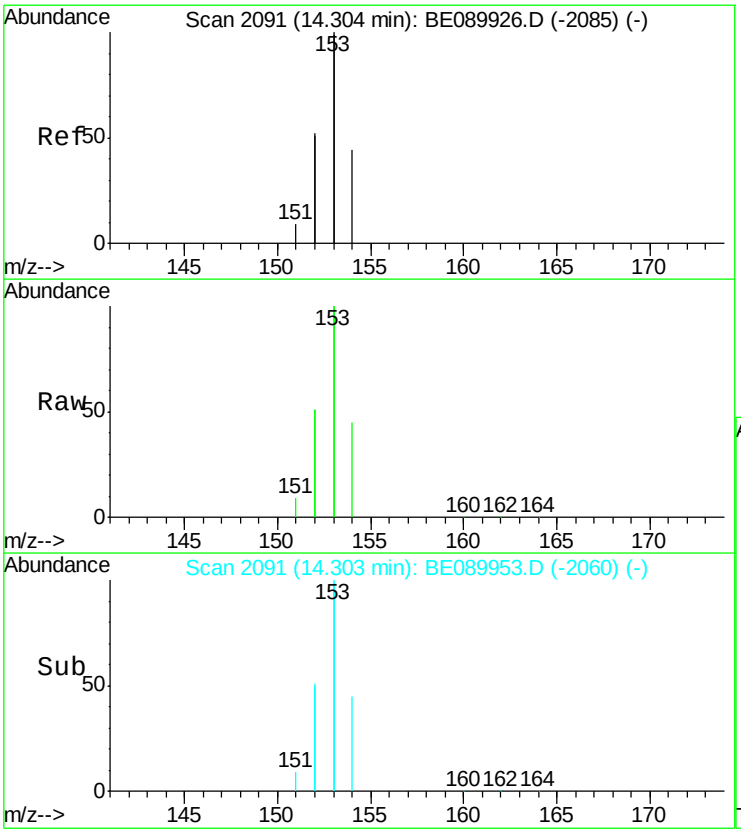
#15
Acenaphthylene
Concen: 1.28 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 166648

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

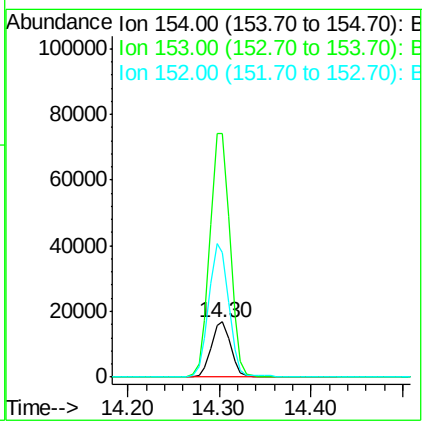


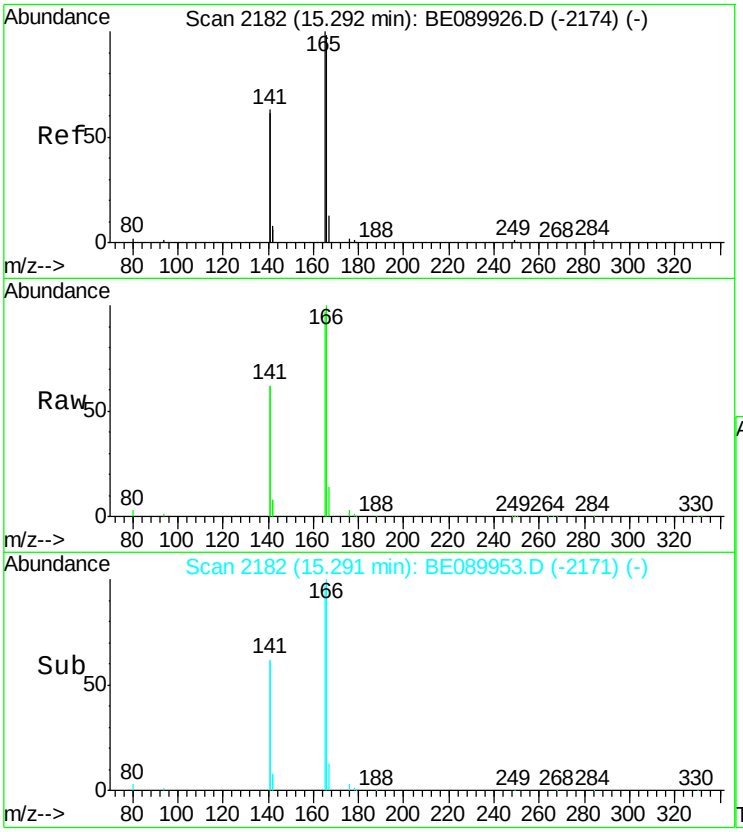


#16
Acenaphthene
Concen: 1.31 ng
RT: 14.30 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:154 Resp: 25024

Ion	Ratio	Lower	Upper
154	100		
153	450.7	362.8	544.2
152	241.4	194.6	291.8



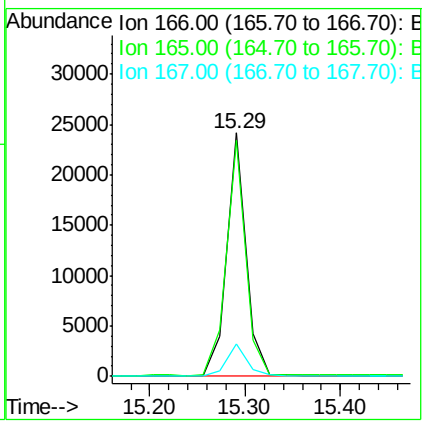


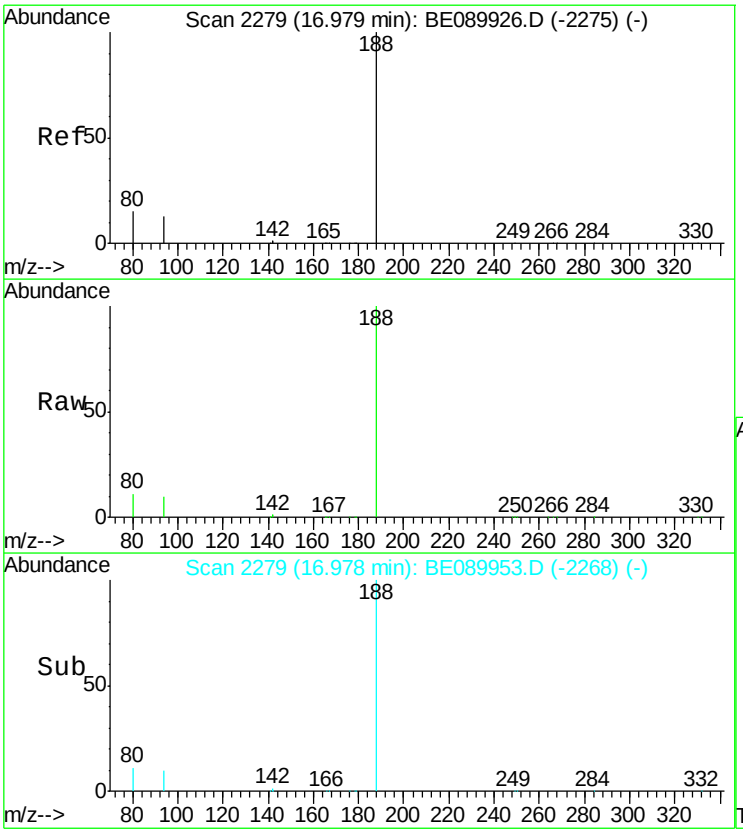
#17
Fluorene
Concen: 1.41 ng
RT: 15.29 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:166 Resp: 33686

Ion	Ratio	Lower	Upper
166	100		
165	99.0	81.1	121.7
167	14.1	11.8	17.8

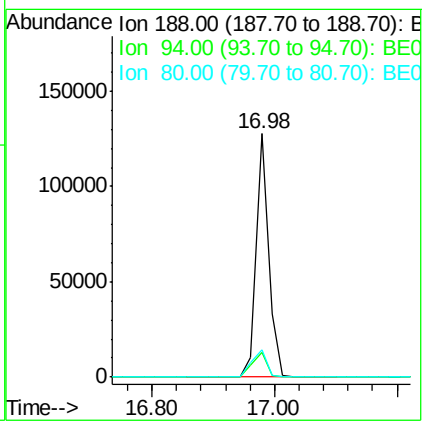


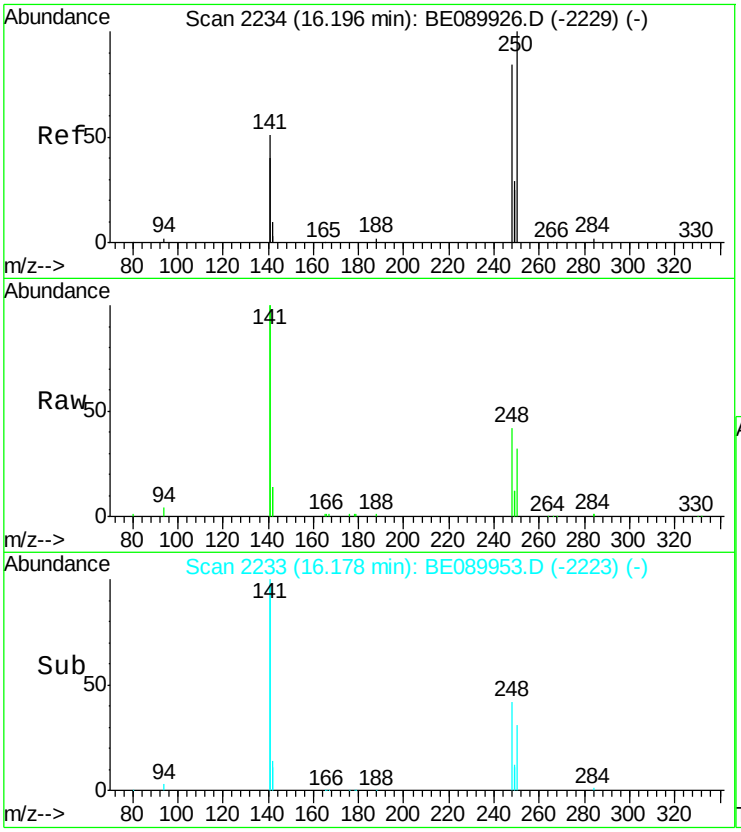


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:188 Resp: 181271

Ion	Ratio	Lower	Upper
188	100		
94	10.1	10.6	16.0#
80	11.0	11.8	17.6#



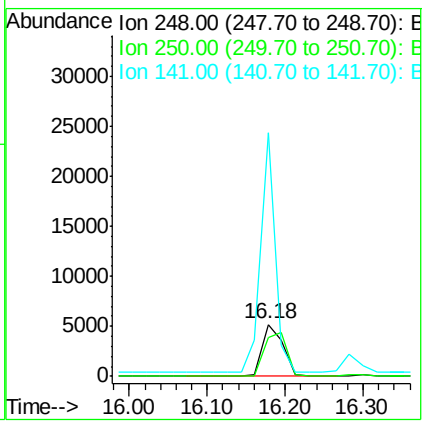


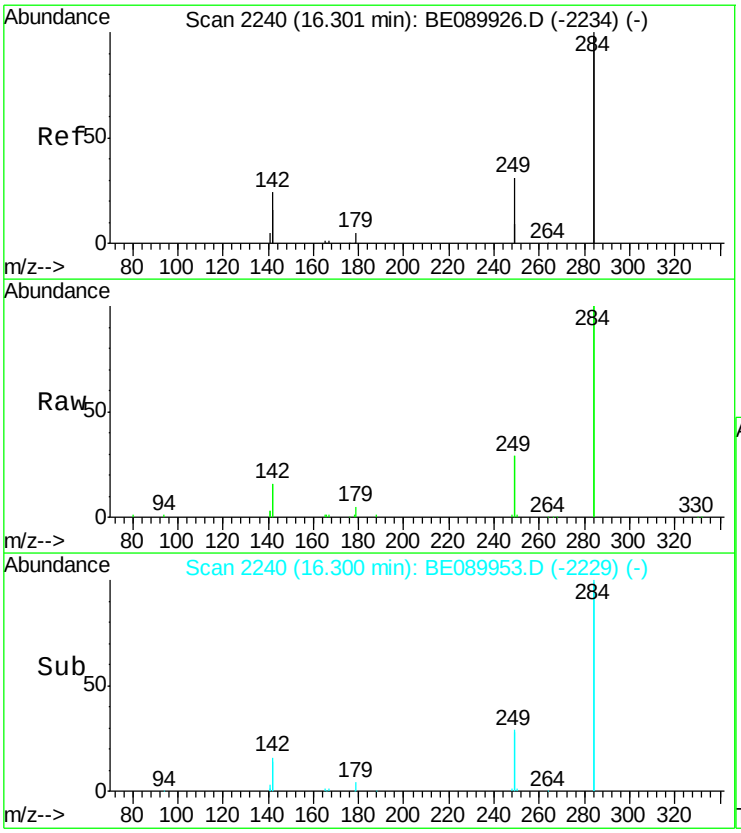
#19
4-Bromophenyl-phenylether
Concen: 1.25 ng
RT: 16.18 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 9269

Ion	Ratio	Lower	Upper
248	100		
250	94.9	79.3	118.9
141	340.7	274.1	411.1

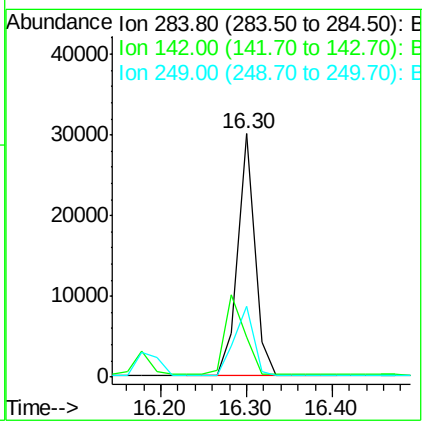


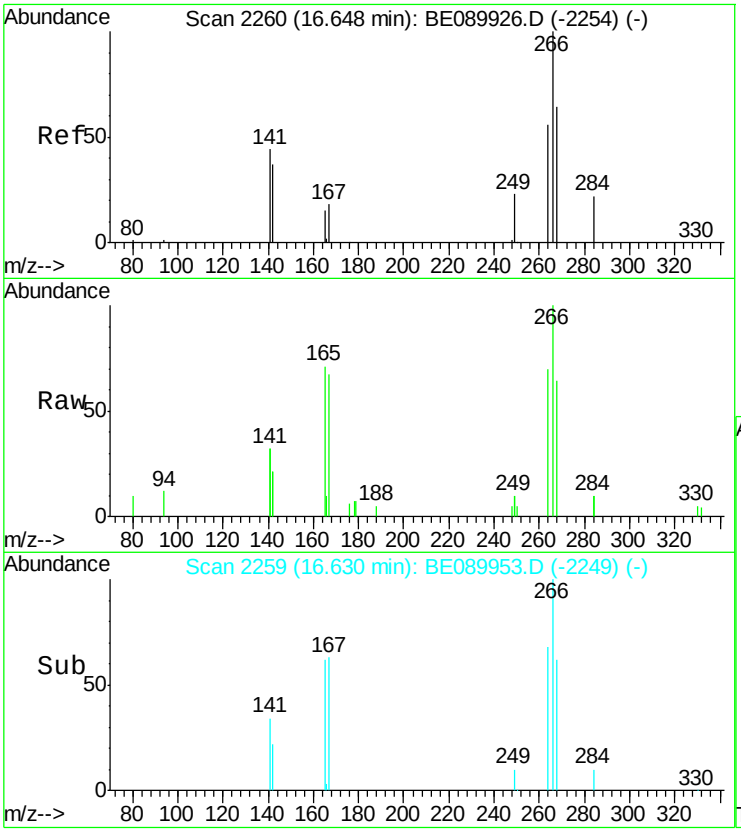


#20
Hexachlorobenzene
Concen: 1.27 ng
RT: 16.30 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:284 Resp: 41251

Ion	Ratio	Lower	Upper
284	100		
142	38.4	32.0	48.0
249	32.4	25.0	37.6



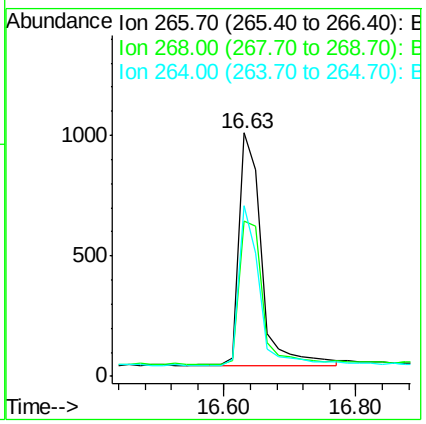


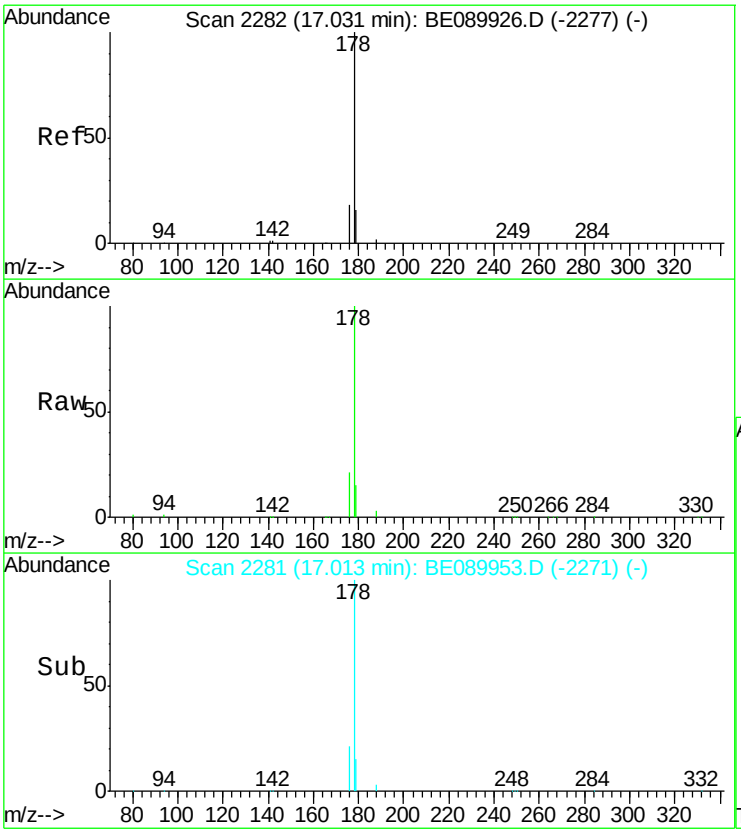
#21
Pentachlorophenol
Concen: 1.63 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 2242

Ion	Ratio	Lower	Upper
266	100		
268	63.8	54.4	81.6
264	69.9	48.2	72.2

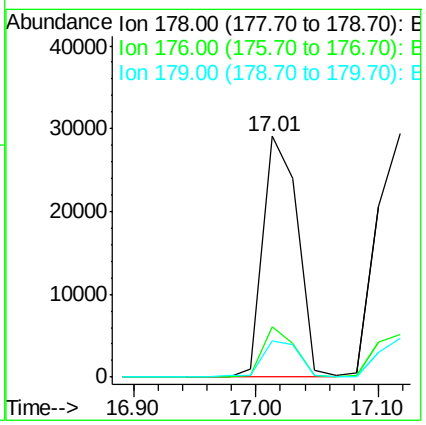


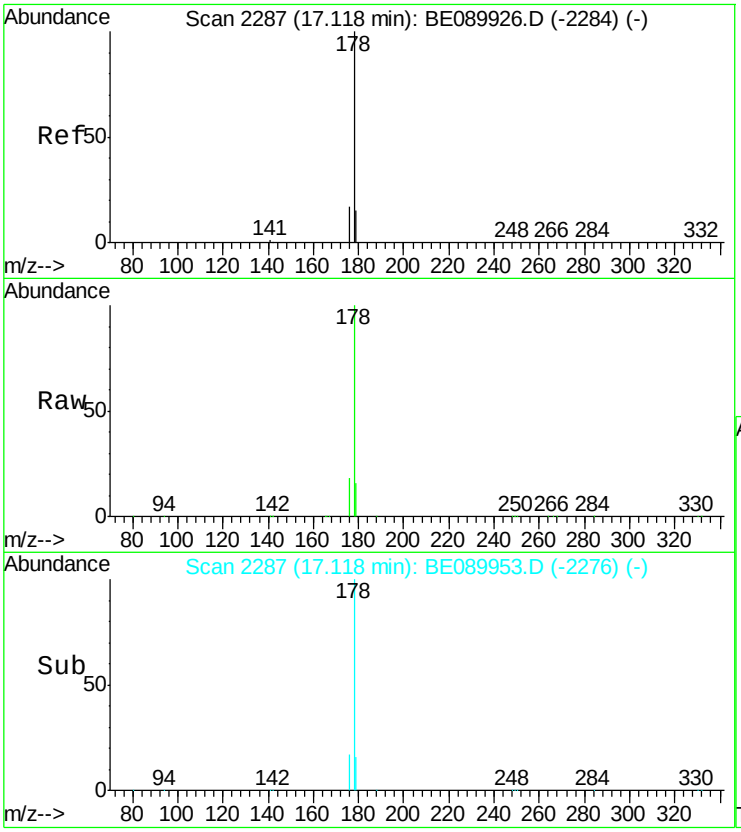


#22
Phenanthrene
Concen: 1.26 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:178 Resp: 57276

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.6	19.0



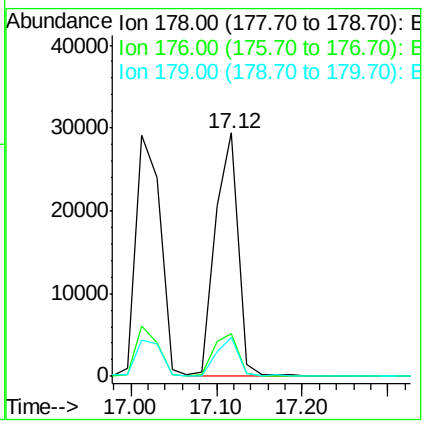


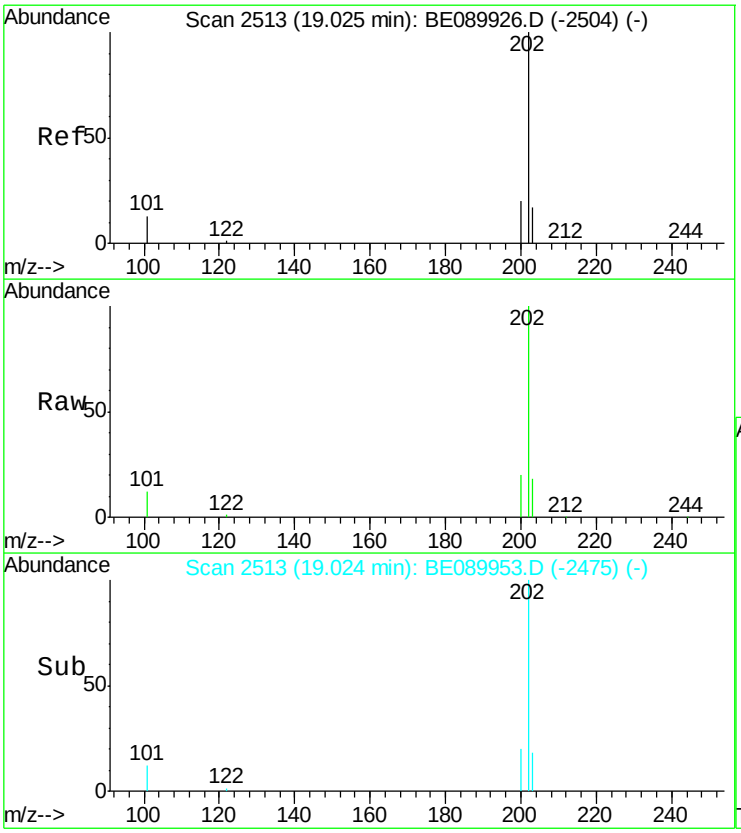
#23
Anthracene
Concen: 1.29 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:178 Resp: 54293

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.2	12.3	18.5

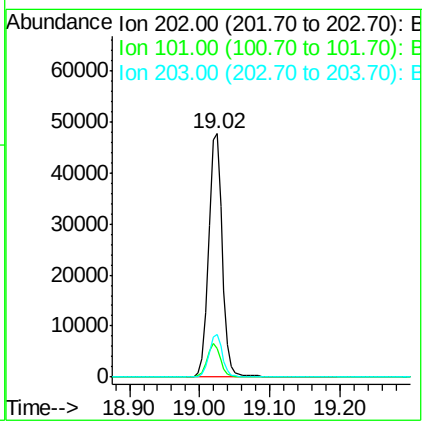


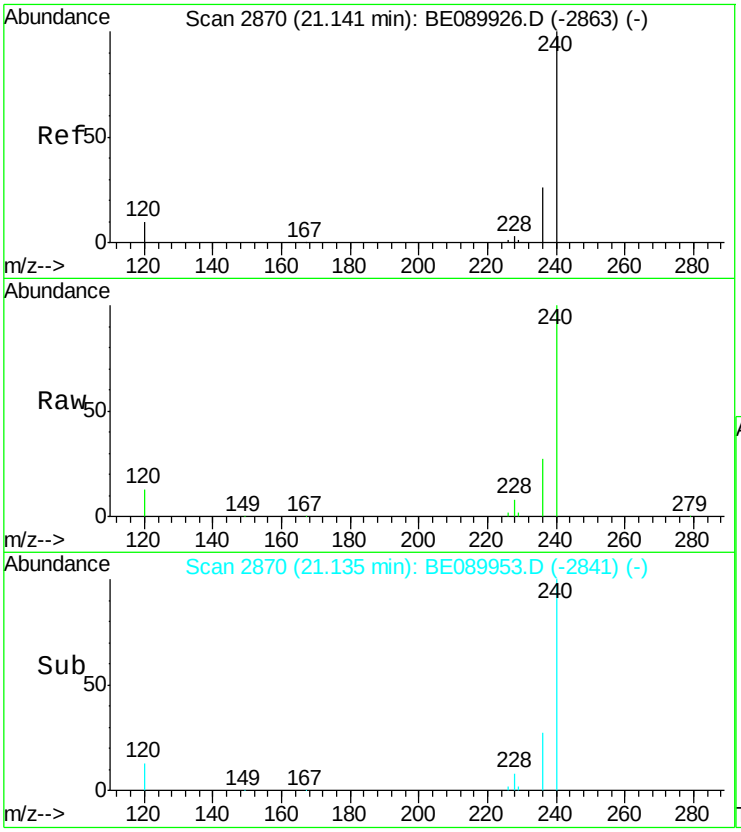


#24
Fluoranthene
Concen: 1.31 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:202 Resp: 64528

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.6	16.0
203	17.3	13.8	20.8



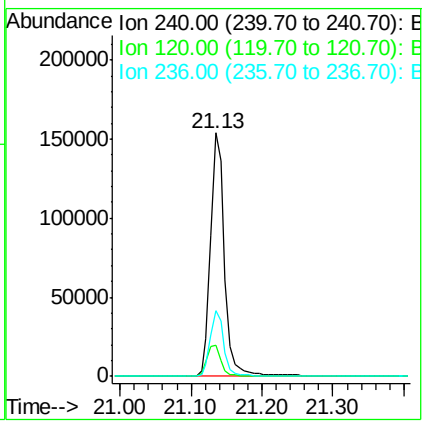


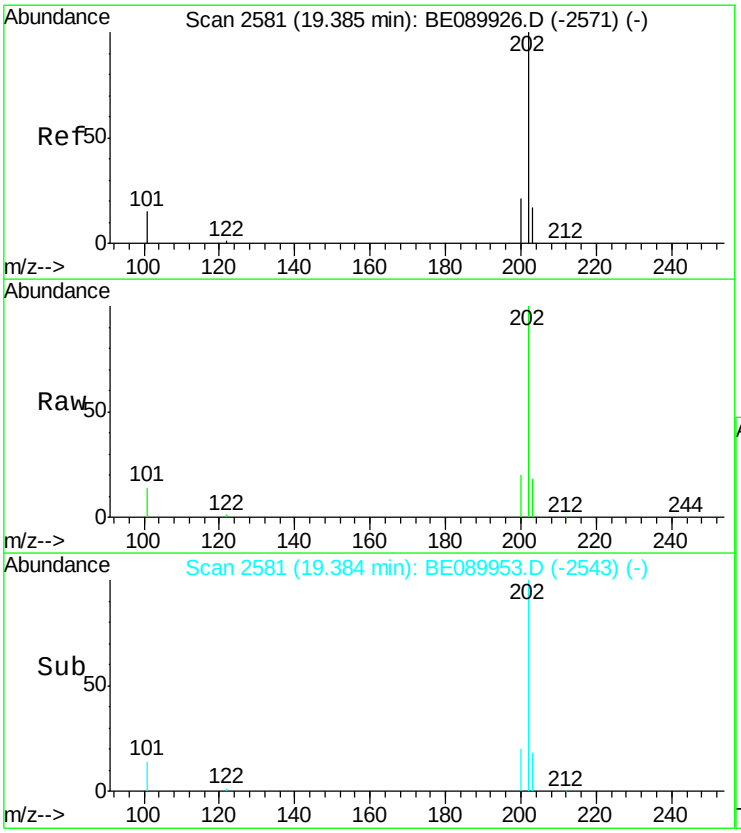
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:240 Resp: 210592

Ion	Ratio	Lower	Upper
240	100		
120	12.8	7.9	11.9#
236	27.2	21.2	31.8

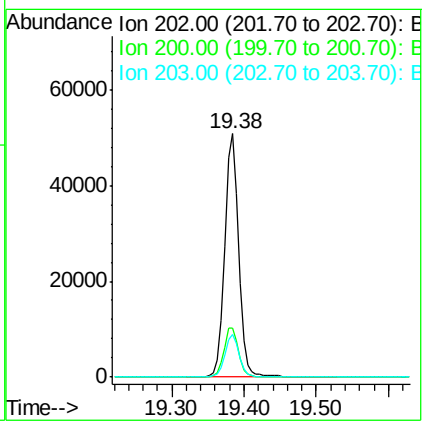


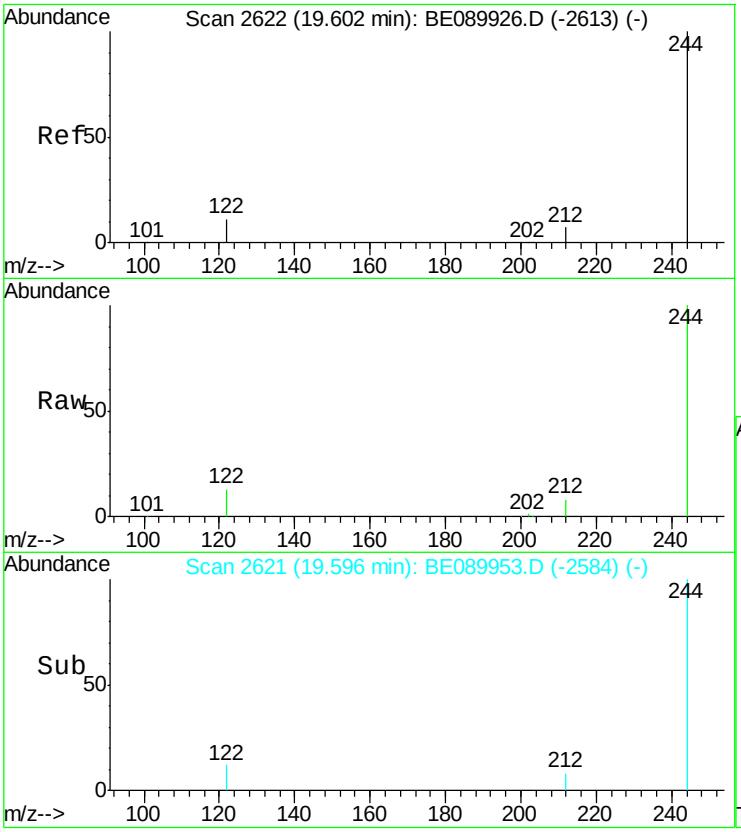


#26
Pyrene
Concen: 1.27 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:202 Resp: 67512

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.7	13.9	20.9



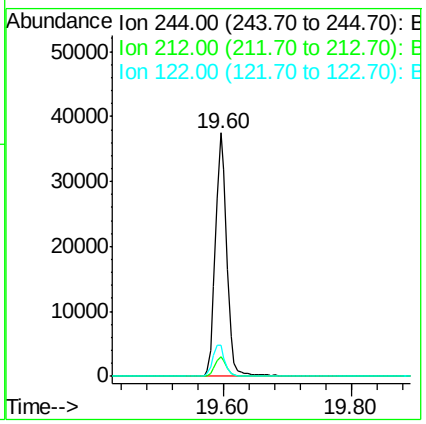


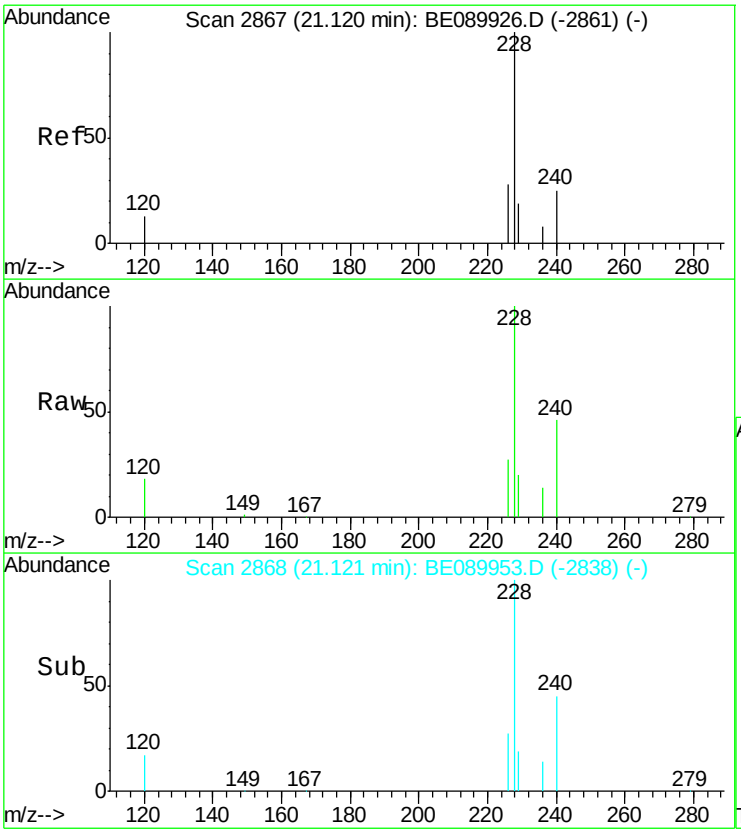
#27
Terphenyl-d14
Concen: 1.26 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:244 Resp: 45885

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

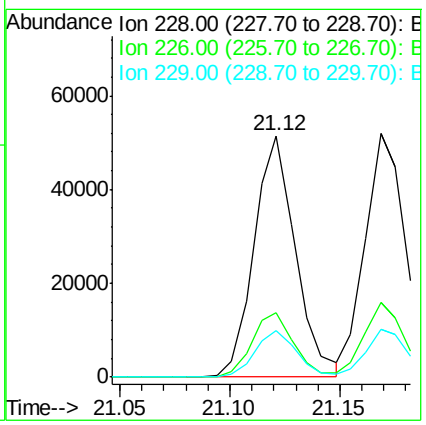


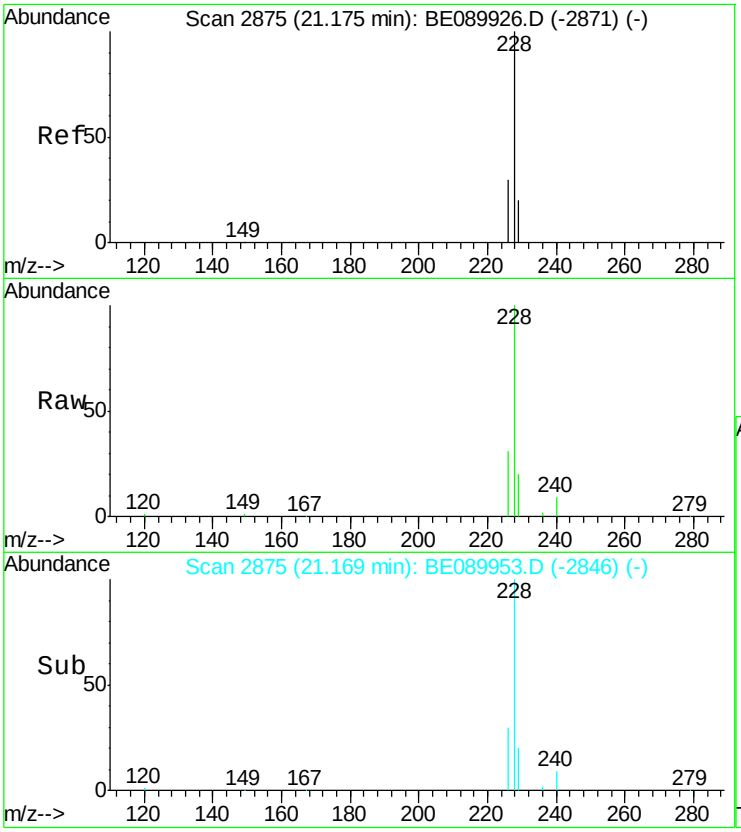


#28
Benzo(a)anthracene
Concen: 1.33 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:228 Resp: 67111

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.4
229	19.5	15.3	22.9



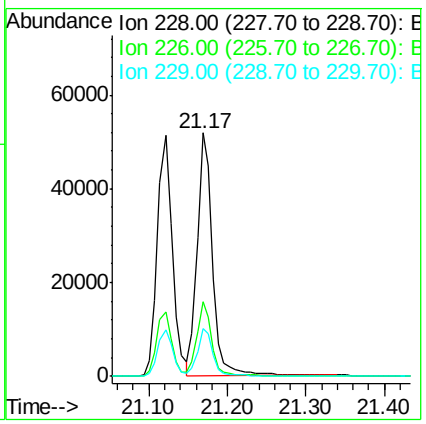


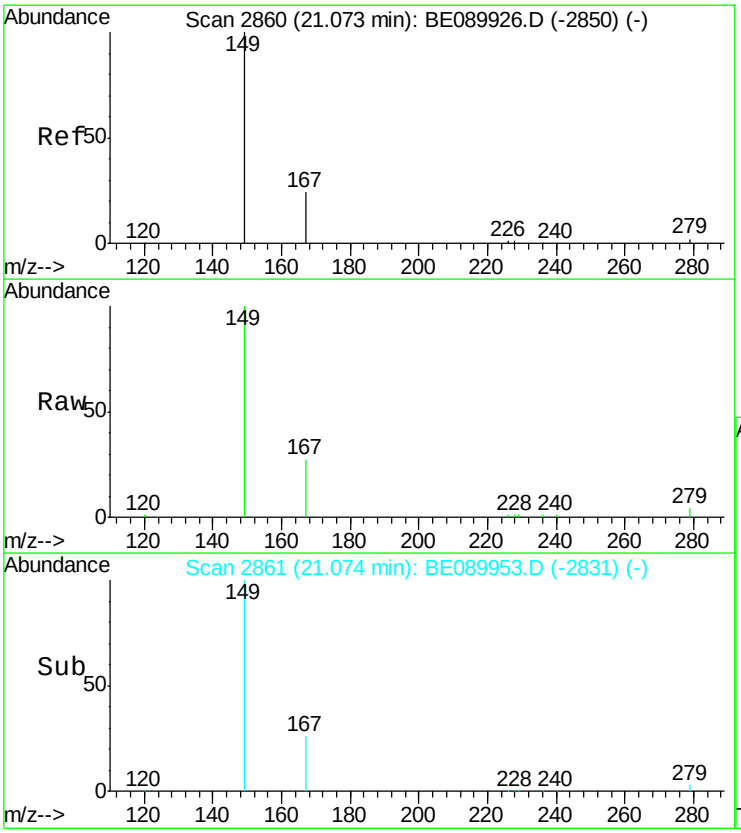
#29
Chrysene
Concen: 1.28 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 70595

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.7	35.5
229	19.7	15.8	23.8

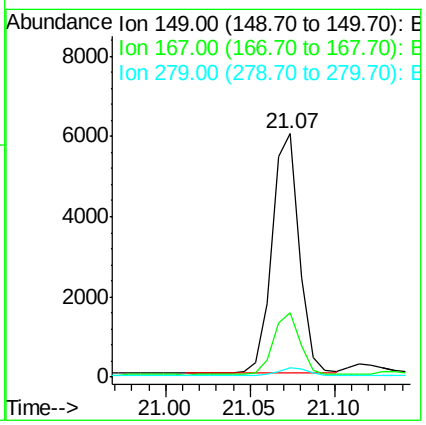


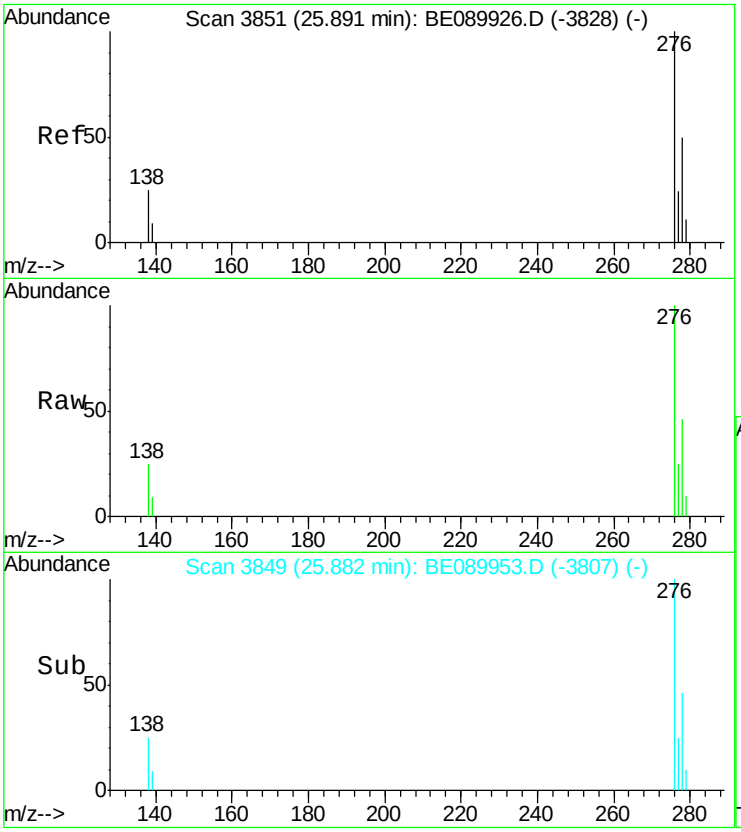


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.53 ng
RT: 21.07 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:149 Resp: 6585

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.3	30.5
279	3.0	2.7	4.1



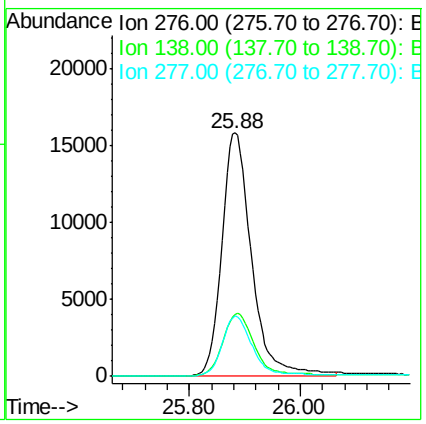


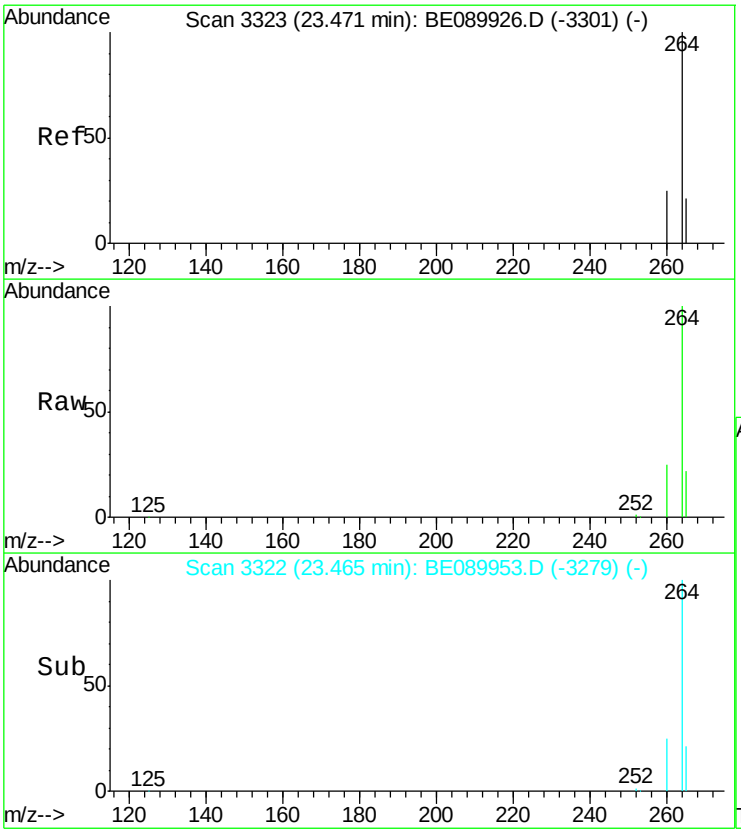
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.44 ng
RT: 25.88 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 58095

Ion	Ratio	Lower	Upper
276	100		
138	27.2	0.0	0.0#
277	24.8	0.0	0.0#

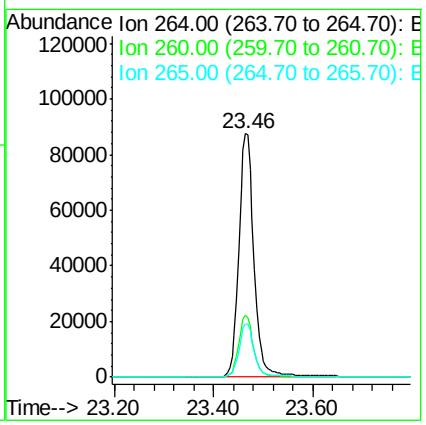


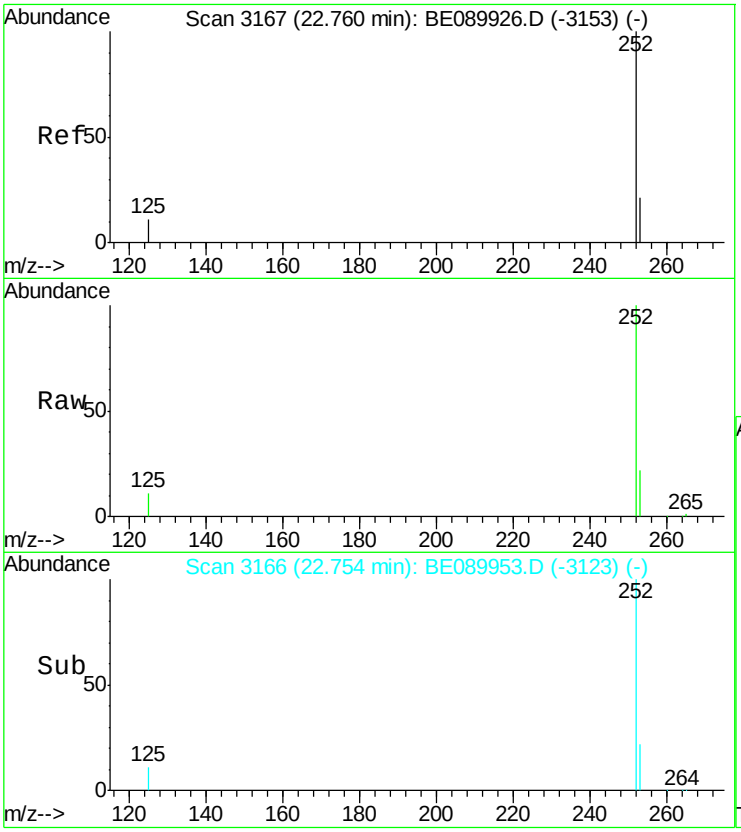


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:264 Resp: 185978

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.8	29.6
265	21.7	17.3	25.9



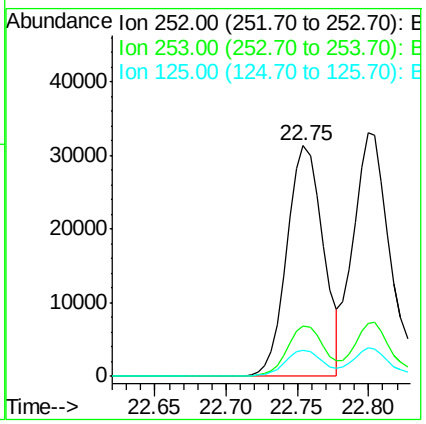


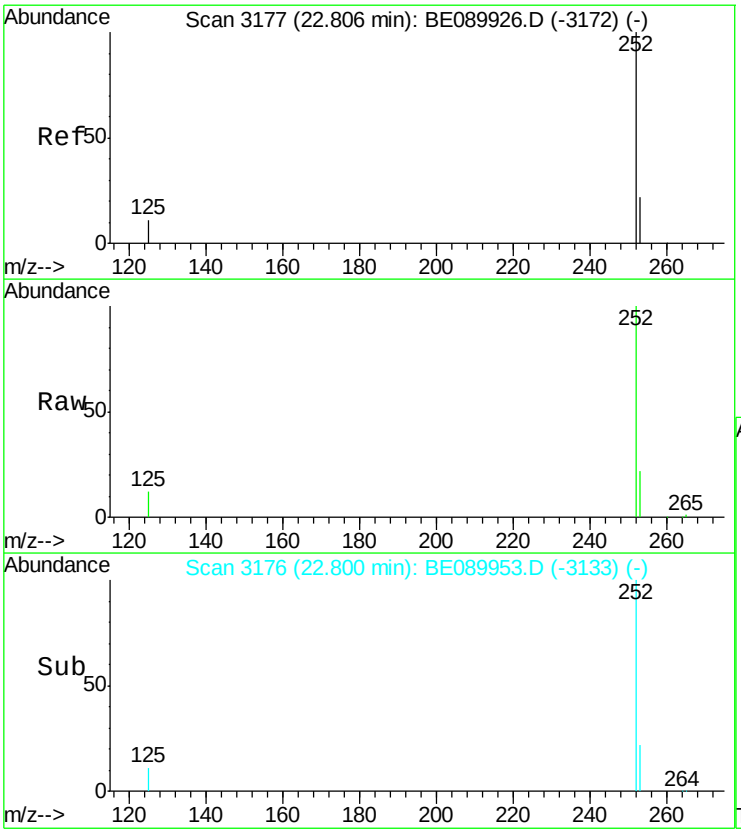
#33
Benzo(b)fluoranthene
Concen: 1.39 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 54617

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.2	9.3	13.9

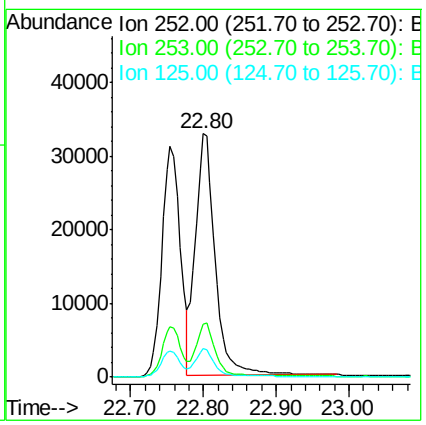


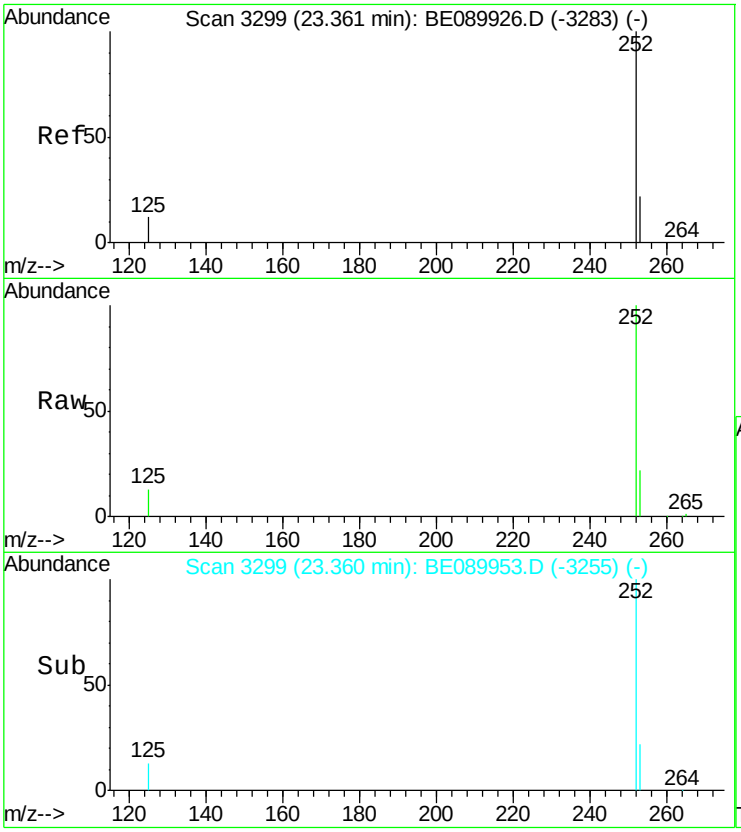


#34
Benzo(k)fluoranthene
Concen: 1.40 ng
RT: 22.80 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:252 Resp: 62359

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	11.6	9.2	13.8



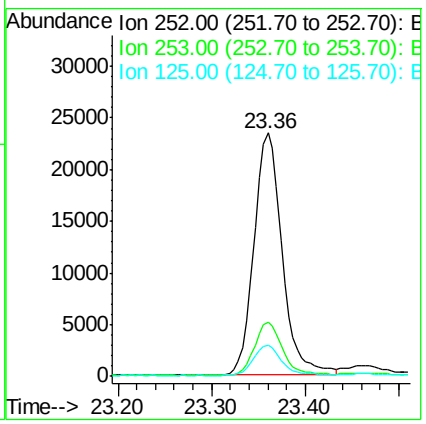


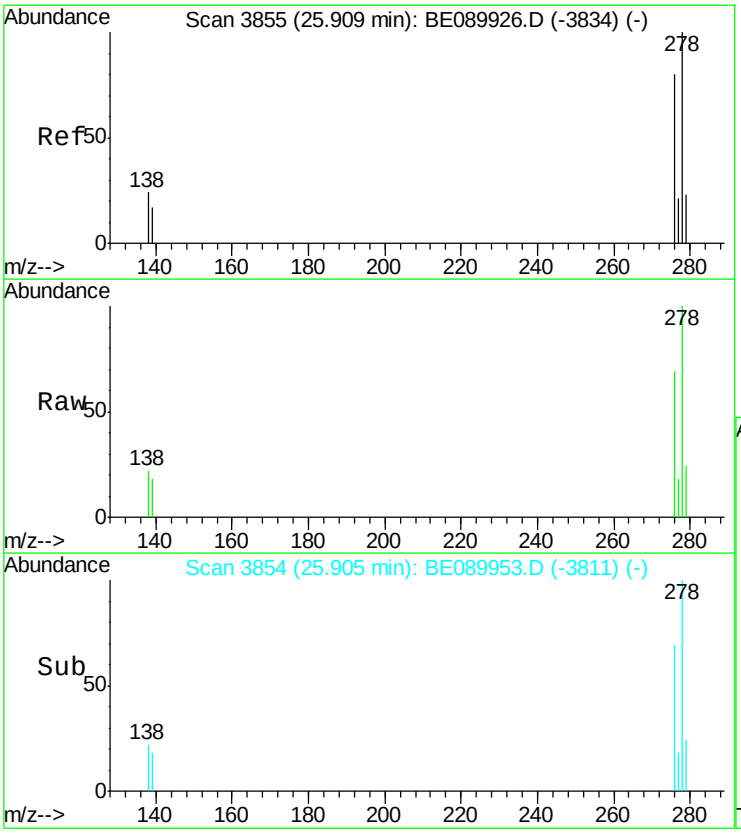
#35
Benzo(a)pyrene
Concen: 1.41 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 49159

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	12.9	10.3	15.5

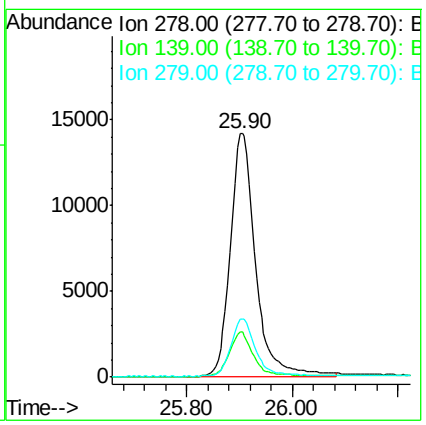


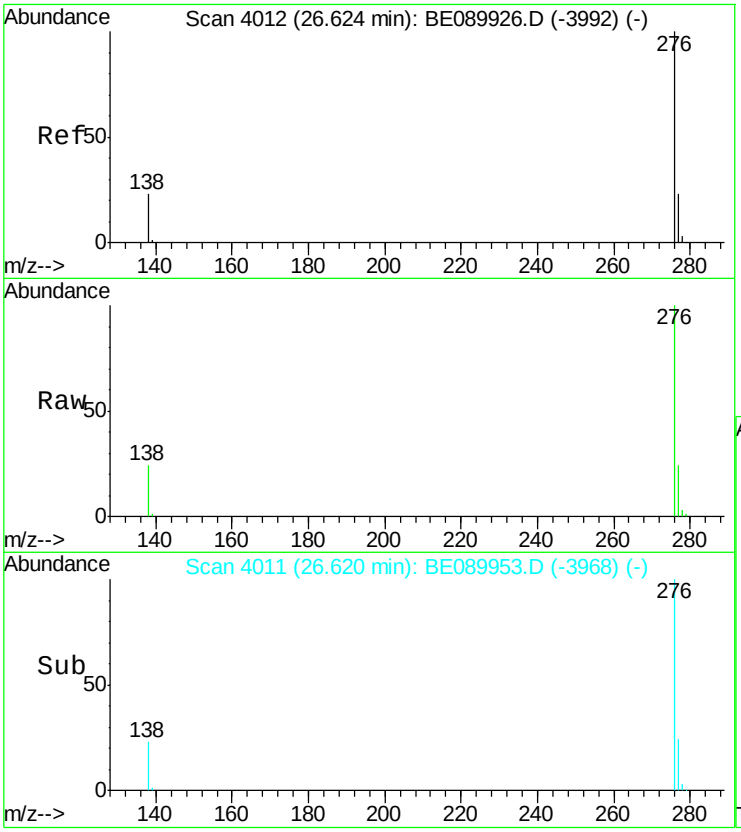


#36
Dibenzo(a,h)anthracene
Concen: 1.44 ng
RT: 25.90 min Scan# 3854
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Tgt Ion:278 Resp: 46871

Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.1	21.1
279	24.0	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 1.41 ng
RT: 26.62 min Scan# 4011
Delta R.T. -0.00 min
Lab File: BE089953.D
Acq: 26 Jun 2015 21:25

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:276 Resp: 49432

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	23.8	18.8	28.2